

# St Leonards South Precinct

Independent Review of Viability of Planning Controls  
Proposed by the Draft St Leonards South Masterplan

Prepared for Lane Cove Council

February 2015

## QUALITY ASSURANCE

### Report Contacts

#### VIRGINIA HILL

*Adv Dip Val, MProDev, PMAPI*

Senior Consultant

Virginia.Hill@hillpda.com

### Quality Control

This document is for discussion purposes only unless signed and dated by a Principal of HillPDA.

Reviewed by:



Dated 24 February 2015

#### MARTIN HILL

*M.Real Estate (UNSW), M.Property Development (UTS), BSc (Hons),  
Certified Practising Valuer (Unrestricted), FAPI, MRICS*

Director

Martin.Hill@hillpda.com

### Report Details

Job Ref No: C15184

Version: Final

File Name: C15184- St Leonard's South Review of Controls

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## LIST OF ABBREVIATIONS

ABS	Australian Bureau of Statistics
ANZSIC	Australian and New Zealand Standard Industrial Classification
BTS	Bureau of Transport Statistics
DCP	Development Control Plan
DP&E	NSW Department of Planning and Environment
FSR	Floor Space Ratio
GFA	Gross Floor Area
GLA	Gross Lettable Area
Ha	Hectares
LEP	Local Environmental Plan
LGA	Local Government Area
NLA	Net Lettable Area
NPV	Net Present Value
RLV	Residual Land Value
SEPP	State Environmental Planning Policy
Sqm	Square metre

## DEFINITIONS

**Existing Improvement Value:** the value of an asset based on the continuation of its existing use, assuming the asset could be sold as part of a continuing business regardless of whether that use represents the highest and best use.

**Net Present Value (NPV):** the measure of the difference between the discounted revenues, or inflows, and the costs, or outflows, in the DFC analysis.

**Residual Land Value:** the theoretical maximum land value that returns the target IRR or development margin sought for the project based on the assumed assumptions of cost, revenue and project timing. In practical terms this is land purchase price a developer can afford to achieve a feasible project.

**Development Profit:** Total revenue less total cost including interest paid and received.

**Development Margin:** Profit divided by total development costs (including selling costs).

## EXECUTIVE SUMMARY

The following Study has been commissioned by Lane Cove Council to independently review whether the FSRs proposed by the draft Masterplan for the St Leonard's South Precinct<sup>1</sup> are sufficient enough to incentivise redevelopment within existing residential areas.

The Review considers economic advice provided within Chapter 7 of the draft Masterplan. This advice asserts that land zoned with an FSR of 2:1 or under was unlikely to incentivise redevelopment. Rather it was not until FSRs exceeded 2:75:1 that development was likely to occur relatively soon.

This Review also provides advice concerning the cost and funding of community facilities and open space within the Precinct.

### Methodology, Research and Testing

*These market changes have been spurred on by notable reductions in interest rates, planning proposals to rezone land from commercial to residential, the strength of the investor market, demographic shifts as well as a growing latent demand for residential apartments. Combined these factors have led to a significant increase in both the number of development applications as well as approvals and commencements within the St Leonards locality.*

In order to ensure the accuracy of this review, we have both considered the economic methodology applied by the draft Masterplan whilst also undertaking more detailed and site specific desktop valuations and development feasibility testing. This analysis has been informed by recent sales in the Precinct that have occurred at such time as the draft planning controls were made public.

This approach has been undertaken in recognition of the location specific attributes of the Precinct together with significant changes in the St Leonards market more generally in recent years.

These market changes have been spurred on by notable reductions in interest rates, planning proposals to rezone land from commercial to residential, the strength of the investor market, demographic shifts as well as a growing latent demand for residential apartments. Combined these factors have led to a significant increase in the number of development applications, approvals and development commencements within the St Leonards locality. One such example being the rezoning and current construction of residential apartments at 15 to 25 Marshall Avenue, located within the St Leonards South Precinct.

As it is not practical to test the viability of every parcel of land within the Precinct, or every potential combination, we have selected three test sites across the Precinct.

<sup>1</sup> The review does not purport however to provide design or amenity advice.



The test sites have been drawn from three areas (as shown in Figure 1) that relate to the planning control changes proposed by the draft Masterplan as well as lots size and character changes.

**Area A:** land from Canberra Avenue to Berry Road (Test Site 1);

**Area B:** land from Berry Road to Portview Road (Test Site 2); and

**Area C:** land from Portview Road to Greenwich Road (Test Site 3).

**Figure 1: Boundaries of Area A, Area B and Area C**



Source: Nearmap 2015 As amended by HillPDA

*The draft Masterplan considered a range of development options identifying the High Density (Concentrated) Option as the preferred approach. This option proposing to increase FSRs in Area A to a base of 2.75:1 with a potential 4:1 bonus.*

*It in turn recommends no immediate change to the density of development to the west of Berry Road protecting this area for prospective redevelopment in the next 10 to 20 years.*

For ease of comparison, each test site comprises of a minimum development size of 1,500sqm (in keeping with the recommendations of the draft Masterplan). Owing to the characteristics of the Precinct, this has resulted in Test Sites within Area A and B requiring the acquisition of 3 sites as minimum and 4 sites in Area C.

The testing of these sites has also been informed by comparable development assumptions and costings. We have however, in the case of some sites in Area A, varied the potential scale of premium in costs and revenue that could be applied to a development site as well as tested the potential for a development on nominated sites by the draft Masterplan to contribute to infrastructure (i.e open space and/or community facility provision) in return for an FSR bonus. It should be noted that there is a range of mechanisms for Council to consider before granting a developer the additional floor space ratio (FSR).



## Key Findings – Area A

*A prudent developer would like to achieve a development margin of 20% and a project IRR of 18% for a development of this size and nature.*

In summary our feasibility analysis for Area A – land from Canberra Avenue to Berry Road found the following.

1. A minimum FSR of 2.5:1 is required to make redevelopment viable in this area. This conclusion includes the acquisition of three existing residential sites (paying a 20% premium on existing market values).
2. At an FSR of 2.75:1 (the base recommended FSR by the draft Masterplan) the ability to pay a premium for properties increases to 30% whilst still maintaining the potential for a viable development outcome.
3. A significant increase in land value can be achieved only in Area A (more specifically land at 2-4 Marshall Avenue and 1-5 Canberra Avenue), when a contribution towards local infrastructure is made in return for a bonus FSR of 4:1. This should therefore not only provide an incentive for redevelopment but also sufficient scope for a contribution towards infrastructure such as open space and community facilities. It should be noted however that there are a range of technical matters that would need to be considered in detail by Council to ensure an infrastructure contribution in return for FSR bonus would have an acceptable impact to the locality.

Should a development be considered acceptable to provide an infrastructure contribution in return for a bonus FSR to 4:1, the developer would have scope to contribute 50% of the uplift in land value. In the case of Test Site 1, the bonus would generate an additional 25 units and a land value uplift of \$4.7m. At 50% of this value uplift, we estimate an infrastructure contribution of \$2.35m could be made to Council for local improvements. This would allow for an infrastructure contribution of \$30,000/ dwelling across the total development over and above existing s94 contributions.

## Key Findings – Area B and C

At such point in time that Areas A and B might be developed, there would be a range of factors influencing the suitability of their development viability, density and scale. At this point in time, the draft Masterplan is not recommending a change in FSR to Areas B and C. Our testing has therefore sought to test the draft Masterplan's assertion that redevelopment to residential flat buildings would be unlikely to occur at an FSR of 2:1 or under.

Our modelling has found that at an FSR of 2:1 for Test Site 2 (Area B) and Test Site 3 (Area C) would achieve a development margin of 4% and 7% respectively (well below the general developer target of 20%).

In fact our modelling suggests that in Areas B and C, an FSR of 2.75:1 as a minimum is required to incentivise change. Importantly however this assumes a land acquisition premium of 20% and not the 30% that could be provided in Area A at the same FSR.

The differences in feasibility results between Area A and Areas B and C in part relating to the generally smaller lot sizes in Areas B and C and therefore the additional cost of acquiring land. It is also in part a result of the anticipated higher sale values to be achieved in Area A given its closer proximity to services and amenities such as the rail station.

## Conclusions

In summary our independent review has found that given the current market conditions and property valuations, the proposed planning controls would be likely to incentivise the redevelopment of some amalgamated sites within Area A of the Precinct.

It is important to note however that the proposed increase in development controls are not likely to incentivise the redevelopment of the entire precinct in the short term. This is because redevelopment is reliant on the landowner being a willing and incentivised participant in the sale of their land to a prospective developer. In some cases landowners will place a greater premium on their land owing to a variety of reasons such as lifestyle and location.

We recognise that many of the existing properties in Area A of the Precinct are established homes that despite the significant uplift in FSR from (0.5/ 0.6:1 to 2.75:1) may choose not to sell and relocate in the short to medium term on the basis of a financial premium alone. This is a common predicament in any area that is rezoned for redevelopment whereby the redevelopment process may take a number of decades to be achieved.

Our modelling has however assumed a premium of 30% for the test site in Area A where the draft Masterplan recommends an increase to the base FSR of 2.75:1. For the reasons given above, we agree that even a 30% premium on market value would not incentivise all landowners in the area to sell. As a consequence any Masterplan must be mindful of the built form implications of redevelopment occurring in sections of an area over an extended period of time as well as uneven impacts with respect to infrastructure funding – including open space and community facility provision.

## 1 REVIEW CONTEXT AND PURPOSE

The following Review has been commissioned by Lane Cove Council to independently consider the suitability (with respect to development viability) of the proposed FSRs for residential land located within the St Leonard's South Precinct. The Review does not purport however to provide design or amenity advice.

The Review was commissioned following concerns that the FSRs proposed as part of the masterplanning process may not facilitate viable re-development for residential dwellings and flat buildings given the specific and more recent changes occurring in the St Leonards market. The Review has therefore been confined to the residential zones located within the Precinct.

We have also been asked to provide advice concerning the cost of providing a community facility and open space within the Precinct. This advice is to have regard to the land dedications by landowners / developers and the award of a floorspace bonus.

### Methodology

In order to independently reality test the suitability of the planning controls this review has implemented the following approach:

1. A review of relevant background information to the draft Masterplan;
2. A visit to the Study Area and identification of three test sites;
3. Market research to better understand existing and potential future market dynamics;
4. Feasibility testing to better understand the existing and likely future implications of various FSR changes to development viability;
5. Advice regarding the cost of community and open space provision; and
6. An overview of key findings and recommendations.

### Review Area and Test Sites

The St Leonard's South Precinct relates to the 20ha of land (including roads) shown within the red boundary in Figure 1 below.

For the purposes of this Review, the Precinct has been broken down into three areas shown in Figure 2 in varying colours as:

**Area A:** land from Canberra Avenue to Berry Road;

**Area B:** land from Berry Road to Portview Road; and

**Area C:** land from Portview Road to Greenwich Road.

The Precinct presently comprises a mix of commercial and retail uses along the Pacific Highway. These uses are accommodated within buildings that range from two storeys with ground floor retail to multi-storey and tenanted commercial strata office buildings.

To the south of these buildings the area becomes predominantly residential in character with some pockets of open space and medical uses. Buildings generally range from one to two storeys with some three to four storey residential flat buildings along Greenwich Road and more recently built seven storey apartments.

Of note the Precinct has a significant change in grade from the north (the Pacific Highway) to the south (River Road). In addition a major new residential development was under construction at the time of undertaking this Review on the land bound by Marshall Avenue, Canberra Avenue, Berry Road and Marshall Lane.

**Figure 2: Boundary of the St Leonard's South Precinct and Study Area**



Source: St Leonards South Strategy Precinct Report 2013

## Feasibility Testing and Test Sites

In order to undertake a more detailed assessment of the viability of the planning controls proposed by the draft Masterplan, this Review has undertaken more detailed feasibility testing based on market research and industry accepted development benchmarks, parameters and assumptions. As it is not realistic to test the viability of redeveloping every lot or combination of lots within the Precinct, we have identified one test site in each of the three areas. On each of these sites a variation to FSRs was tested.

The three sites selected for testing and the reasoning for their choice is explained below:

1. **Site 1:** is located within Area A and comprises of three lots totalling 1,670sqm in area. The location was selected on the basis of its proximity to the rail station and St Leonard's core making it a more attractive location to develop. We have obtained current sales evidence based on a number of recent sales in Holdsworth Avenue to inform the modelling of this site.
2. **Site 2:** is located within Area B and comprises of three lots totalling 1,530sqm in area. The site was assumed to be located in close proximity to the Pacific Highway with modelling informed by sales achieved in Park Road.
3. **Site 3:** is located within Area C. In order to achieve a lot size over 1,500sqm (as recommended by the draft Masterplan) we have assumed the site comprises of four lots totalling 1,647sqm in area. We have also assumed these lots are located in closer proximity to the Highway with appropriate market evidence gathered.

Figure 3 depicts the boundaries of Area A, B and C in the St Leonards South Precinct by colour.



Figure 3: Boundaries of Area A, Area B and Area C



Source: Nearmap 2015 As amended by HillPDA

## 2 BACKGROUND TO THE REVIEW

This Review forms part of a broader suite of work that has been undertaken by Lane Cove Council to Masterplan the St Leonard's South Precinct. As background context, this Chapter provides a brief overview of the key findings of this work that are relevant to the considerations of the Review.

Initiated in 2013, the masterplanning of the St Leonard's South Precinct has been undertaken in two key stages. Stage 1 focused on the existing strategic context, character and function of the Precinct whilst Stage 2 focused on the preparation of a Masterplan that was informed by a range of urban design, planning, traffic and economic studies.

The draft St Leonards South Strategy Stage 2: Masterplan was approved by Council for public exhibition on December 8th 2014.

### Built Form Density and Heights

Of relevance to this Review, the draft Masterplan considered a range of development options identifying the **High Density (Concentrated)** Option as the preferred approach.

This approach recommends that a high density built form is focused within closest proximity to the rail station between Canberra Avenue and Berry Road. It in turn recommends no immediate change to the west of Berry Road, protecting this area for prospective redevelopment in the next 10 to 20 years.

This option would result in the following changes in development controls for each of the three areas considered by this Review:

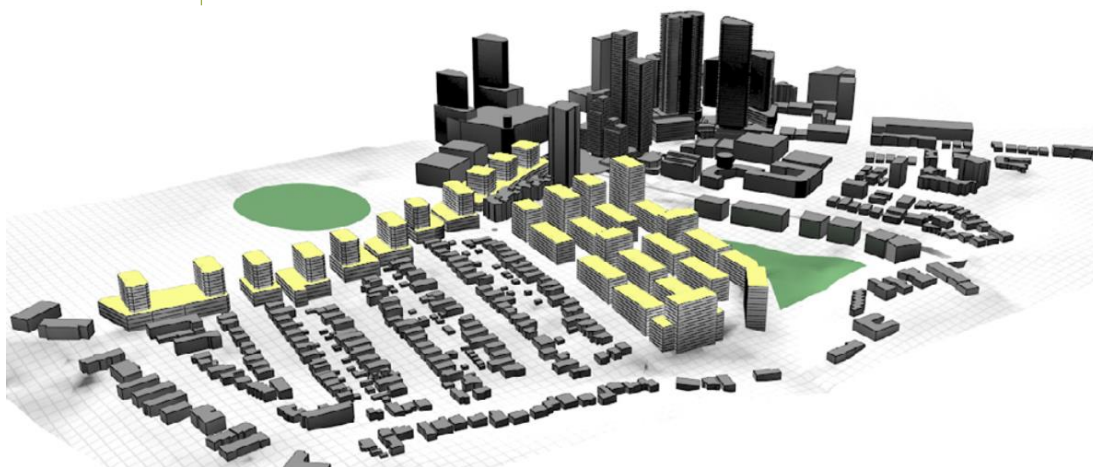
**Table 1: Summary of Existing and Proposed Density Controls**

Area	Existing FSR and Building Height (BH)	Proposed FSR and Building Height (BH)
Area A	FSR 0.5:1 – 0.6:1 BH 9.5m	2.75:1 with potential infrastructure contribution for bonus up to 4:1 for open space / community facilities on Council nominated sites  BH: 8-10 Floors
Area B	FSR 0.5:1 – 0.6:1 BH 9.5m	No Change
Area C	FSR 0.5:1 – 0.6:1 BH 9.5m	No Change

Source: Lane Cove LEP 2009; St Leonards South Precinct draft Masterplan



**Figure 4: 3D Model of Existing and Proposed Development**



Source: Draft St Leonards South Masterplan

## Development Feasibility

Chapter 7 of the draft Masterplan provides a high level review of the viability of potential FSRs ranging from 1.6:1 to 2.5:1. The analysis assumed apartment yields on the basis of permissible FSR not taking “into account other DCP type controls such as setbacks, building heights or basement car parking configuration etc.”<sup>2</sup>

Based on a residual land value method, Chapter 7 of the draft Masterplan concluded:

- “...it is highly unlikely that the application of an FSR control of 1.6:1 or less would facilitate any significant development in the short term” as it would result in a residual land value 5% to 20% below existing market values;
- “...where a FSR of 2:1 or greater is applied and estimated premium over the current market ranging from 15% to 70% and this may create an increased opportunity of providing the impetus for current owners to realise a sufficient uplift in value and to facilitate development”;
- “Redevelopment is unlikely to occur at an FSR less than 2:1 therefore a ‘low growth’ option (as opposed to the no development option) should commence at an FSR of 2:1. This density, however, is likely to be too low to promote redevelopment in a reasonable timeframe. In economic terms a minimum FSR 2.5:1 is recommended.....”

<sup>2</sup> Chapter 7, Page 73 draft St Leonards South Masterplan

## Provision of Open Space and Community Facilities

The draft Masterplan explores a range of strategies to enhance the quality and amenity of the public domain. Community engagement undertaken to inform the draft Masterplan found that there was strong local support for the provision of a consolidated new park in the order of 2.5ha.

It was calculated however that a new park in the Precinct of approximately 2.5ha would cost in the order of \$100m - \$125m based on the need to acquire approximately 50 existing residential lots (costing between \$2m and \$2.5m).

Owing to the significant scale of this cost, the draft Masterplan recommended a series of pocket parks as a more achievable and cost effective open space strategy for the Precinct. The funding of an east to west linear park was estimated to cost in the order of \$20m in acquisition costs with a further \$5m in construction and improvement costs. At a developer contribution rate of \$12,500 per dwelling, it was estimated that approximately 2,000 additional dwellings (5,000 persons) would be required to fund this provision.

The draft Masterplan also identified the need for a range of potential community facilities including:

- A multi-purpose building (200sqm hall);
- An Indoor multi-level sports buildings; and
- In order of 2 to 5 child care centres to be provided by the private sector and integrated with development.

The draft Masterplan assumed that the majority of funds for open space and community facility provision would be raised via developer contributions in return for floorspace and density bonuses.

## 3 MARKET RESEARCH

Owing to the rapidly changing nature of the St Leonard's Precinct in recent years this Chapter provides detailed market research that has been informed by a range of data sources.

These data sources not only include information gathered from databases such as RP Data and websites such as real estate.com.au, but more timely and market specific advice from local experts including real estate agents.

For a secondary method of analysis we have undertaken desktop valuations from a number of databases of selected 60 properties within the Precinct. These valuations give an indication of the current market value of the selected detached residential dwellings in Areas A, B and C.

A summary of the key findings in relation to the residential market is summarised in this Chapter with greater detail in Appendix A.

### Residential Market Overview

Sydney's Northern Suburbs are accessible via the major roads and rail line that service the area, namely the Pacific Highway and North Shore line. From a residential perspective, the area is widely recognised and valued for its quiet tree-lined, leafy and suburban character as well its high level of accessibility via public transport to key employment nodes such as St Leonards, North Sydney and Sydney CBD.

St Leonard's Centre has traditionally been a destination for commercial employment with office buildings generally surrounding the St Leonards train station. However the commercial market in St Leonards has slowed dramatically in recent years with commercial development being overtaken by high rise residential development activity.

More specifically research has indicated approximately 2,000 apartment dwellings are in the development pipeline within the St Leonards Commercial Core Area. The reasoning for such an increase in number of apartments in St Leonards Core area is predominately due to the rezoning of specific sites from B3 Commercial to B4 Mixed Use zones.

The notable increase in the rate of residential development in St Leonards has resulted in an increasing number of young families and professional couples and downsizers entering the St Leonards

market. It is understood that many of these buyers have decided to live within St Leonards owing to its proximity to services and transport as well as its cluster of cultural and lifestyle facilities. Agents indicated that there has been a high interest from investors. A high interest has been strong in the St Leonard's area.

The housing stock in St Leonards predominantly is apartments equating to 92% of the building stock whilst detached dwelling equate to 5% of housing stock. Approximately 2.5% of all housing stock in St Leonards relates to semi-detached dwellings. Furthermore approximately 15% of all dwellings are fully owned, 25% of properties are being purchased and 60% are being rented in the suburb of St Leonards<sup>3</sup>.

## The Precinct Market Overview

The detached dwellings within the Precinct comprise of single storey California bungalow houses, two storeys brick Federation and modern two storey houses. Older style houses seem to be well maintained with majority refurbished internally.

In accordance with the Residex Market Report, the median house price in St Leonards was \$1,797,500 as of December 2014, showing a capital growth of 14.85% over the preceding 12 month period (December 2013- December 2014).

Discussions with local real estate agents indicated that the residential market for detached dwellings is strong, demonstrated in the low number of days a property will stay on the market. More specifically agents indicated that the majority of properties were on the market no longer than a month. Agents identified high interest from owner occupiers, more specifically, professionals, families and downsizers.

Local agents revealed that typical one storey detached dwellings on land sizes between 400sqm-600sqm would sell from \$1,600,000 to \$2,000,000. Whereas a typical double street detached dwelling (depending on the level of accommodation, fixtures and fittings) would sell from \$2,000,000 to \$3,500,000.

<sup>3</sup> Neighbourhood Report - St Leonards July 2014 - EAC

## The Precinct - Sales Evidence

HillPDA has undertaken market research in the Precinct, more specifically in Canberra Avenue, Holdsworth Avenue, Berry Road, Park Road, Portview Road and Anglo Road to obtain detached dwelling sale prices over the last 12 months (January 2014 to January 2015).

Our research has identified a recent sale of two lots located 17 and 19 Canberra Avenue. The two sites were sold (December 2014) as one Site. We believe the purchaser has the intention of submitting a development application to changing the zoning to a higher density.

Discussions with the selling agent could not disclose the actual sold price due to the requirements of the Privacy Act; however it is indicated by other local agents that the two lots sold for approximately \$4,000,000.

Further to the above sale, we have also identified achieved sale prices for 12 months (January 2014 to January 2015). Achieved prices for one storey dwellings ranged from \$1,675,000-\$1,945,000, with two storey dwellings achieved ranging from \$2,010,000 - \$2,890,000.

**Table 2: Residential detached dwellings Sales Evidence (Jan 2014- Jan 2015)**

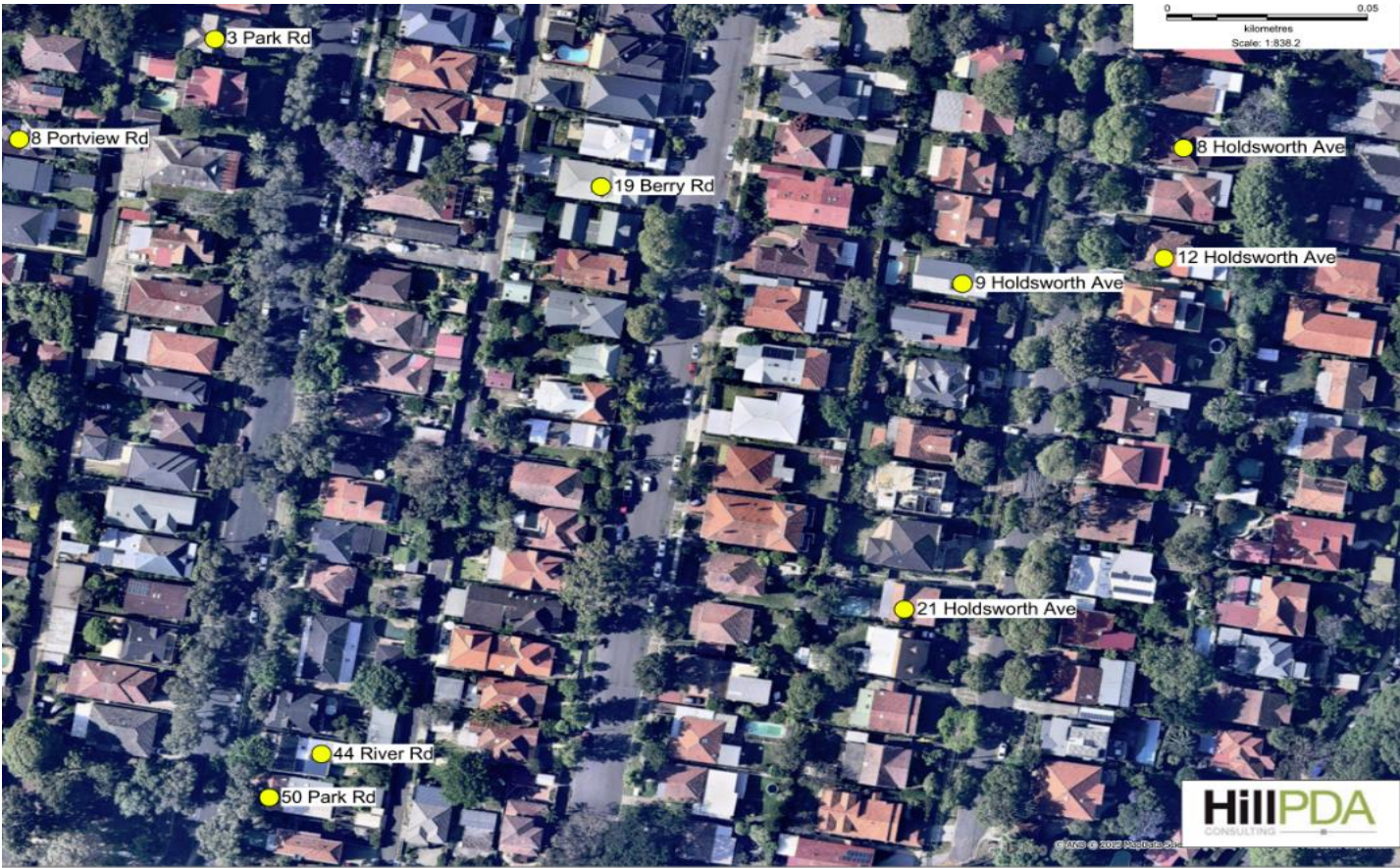
Address	Sale Date	Sale Price	Area	
21 Holdsworth Ave	22/02/2014	\$1,675,000	557	
8 Holdsworth Ave	15/03/2014	\$1,945,000	557	
19 Berry Rd	12/04/2014	\$2,060,000	437	
3 Park Rd	7/08/2014	\$2,350,000	491	
8 Portview Rd	5/09/2014	\$2,008,000	435	
12 Holdsworth Ave	9/09/2014	\$2,725,000	557	
9 Holdsworth Ave	25/10/2014	\$2,890,000	557	
44 River Rd	29/10/2014	\$1,600,000	529	

Source: RPData and HillPDA Research 2015



For point of reference, Figure 4 displays the sold detached dwellings in Table 2 over the same period provided.

**Figure 5: Detached Residential Dwellings Sales Evidence (Jan 2014- Jan 2015)**



Source: RPdata and HillPDA Research 2015



## Desktop Valuations

HillPDA has undertaken desktop valuations through a combination of sales evidence and other valuations for a selected number of lots located in the Precinct as shown in Figure 6. Appendix A provides greater detail concerning the selected properties address, sold date, sold price and land area marked on the map and the current values

Figure 6: Residential Detached Dwelling Valuation Values



Source: RPdata and HillPDA Research 2015

## Lot Sizes

As part of the research analysis, we have acknowledged the difference in each area lots sizes. As presented in Figure 7 below, Area A lot sizes ranged between 544sqm to 691sqm, with two properties located towards River Road ranging between 1,020sqm to 1,605sqm. Area B and Area C tend to be smaller in lot sizes than Area A. This is shown in the lot size range of 320sqm to 445sqm, with the exception of one property identified as 606sqm. The difference in lot sizes across the Precinct indicates that Areas B and C would require a higher number of lots to be purchased to create a development site once planning requirements for a minimum lot size of 1,500 sqm were taken into consideration.

**Figure 7: Comparison of Lot Sizes in Area A, Area B and Area C**



Source: HillPDA



## 4 SITE TESTING

In order to independently test the viability of redevelopment within the Precinct for residential uses, we have prepared detailed feasibility models based on location specific desktop valuations and sales evidence.

This Chapter summarises the methodology and criteria used to assess the financial viability of each selected Site at varying development densities and the subsequent modelling results. A more detailed summary of the models and their results have also been included in Appendix 3.

### Financial Modelling Methodology

To undertake the feasibility modelling we have used our proprietary software, Estate Master which is an industry benchmark used by developers, financiers and property valuers alike.

The analysis follows the approach of a hypothetical development feasibility adopting an acquisition land value and all the costs associated with the nominated hypothetical development including:

- Site acquisition (stamp duty and legals);
- Professional fees (design and management);
- Demolition and construction (including car parking and balconies);
- Property holding costs and statutory fees;
- Equity, finance charges and interest on debt;
- Marketing and selling costs; and
- Revenue from sales, rentals and other income.

The hypothetical development cash flow is calculated and discounted to determine the internal rate of return before interest costs on an annual effective basis. Such an approach is commonly applied by developers and funders to determine if a project is viable to proceed or whether an alternative land purchase price is required.

For the purposes of our modelling, we have assumed that each Site has been amalgamated and rezoned to a higher density.

### Financial Feasibility Criteria

Whilst HillPDA has adopted the project Internal Rate of Return (IRR) as the primary indicator of performance (feasibility), regard has also been given to the following performance criteria:

- **Residual Land Value:** is the land purchase price a developer can afford to achieve a feasible project.
- **Development Profit:** which is total revenue less total cost including interest paid and received; and
- **Development Margin:** which is profit divided by total development costs (including selling costs).

**Table 3: Performance Criteria**

Performance	Project IRR	Development Margin
Feasible	>18%	>20%-25%
Marginally feasible	16%-18%	18%-20%
Not feasible	<16%	<18%

Source: HillPDA

In light of the criteria established above, the three Sites were assessed against an 18% Project IRR and 20% Development Margin.

## Options Tested and Results by Test Site

### Site 1: Area A

As established in Chapter 2, Test Site 1 relates to three lots totalling 1,671sqm in combined area. For the purposes of market evidence we have assumed the lots are located within Holdsworth Avenue and have existing detached residential dwellings.

In accordance with the draft Masterplan, we have tested the recommended base FSR of 2.75:1 (Option 1). In addition we have also tested the potential for an infrastructure contribution in return for a bonus FSR of 4:1 (Option 1A) on nominated sites<sup>4</sup> to better understand the additional value created by the bonus FSR and thereby the degree to which it could contribute to funding open space and community facilities in the Precinct.

In this regard it should be noted that an infrastructure contribution in return for a bonus FSR would be contingent on Council's assessment of the suitability of the site by a range of technical measures i.e. amenity and environmental impacts.

A summary of the hypothetical development parameters for each of these options is provided below.

<sup>4</sup> Nominated sites include 2-4 Marshall Avenue and 1 to 5 Canberra Avenue

- **Option 1: Base Case: FSR 2.75:1** the development option comprises of 52 residential apartments. In accordance with the Lane Cove DCP, we have assumed 1.5 car spaces per unit and one visitor’s space per four apartments. We have also assumed a 30% premium on the acquisition of the properties to amalgamate the site.
- **Option 1A: FSR Infrastructure Contribution 4.1: 1** the development option comprises of 77 residential apartments. In accordance with the Lane Cove DCP, we have assumed 1.5 car spaces per unit and one (1) visitor’s space per four (4) apartments. We have maintained a 30% premium on the acquisition of the properties to amalgamate the site.

Table 4 below provides a summary of the results of the modelling.

**Table 4: Site 1, Area A Results**

Site / Option Specifics	Option 1: FSR 2.75:1	Option 1A: Infrastructure contribution / FSR 4:1
Site Area (sqm)	1,671	1,671
No. of Residential Units*	52	77
Gross Building Area (sqm)	5,055	7,536
FSR	2.75	4:1
<b>Performance Indicators:</b>		
Land Purchase Value - Premium 30%	\$9,284,600	\$9,284,600
Residual Land Value	9,522,435	\$14,258,738
Net Development Profit	\$7,452,639	\$20,140,972
Development Margin	19%	36%
Project IRR	19%	29%
Feasibility	<b>Feasible</b>	<b>Feasible</b>

\* Assuming average lettable size of 78sqm

The results above show both options are viable at a development margin of 30%. More specifically it demonstrates that an infrastructure contribution in return for a bonus FSR of 4:1 on the nominated sites could produce an additional 25 units (subject to site capacity and Council's technical testing). On this basis the land value uplift would increase by \$4,736,303 in total.

Furthermore the land value per unit site ranges between \$180,000-\$190,000 in Area A with a base FSR of 2.75:1. For the increase in FSR from 2.75 to 4.1, the land value per unit increases closer to \$190,000

for the additional units. Using a calculation based on 50% of capture in land value uplift, we estimate that the developer could contribute to Council in the order of \$94,730 for each additional unit a developer seeks over the 2.75:1 base FSR. This equates to a contribution in the order of \$30,000 per dwelling on the site (of which we have estimated there would be 77) over and above a \$94 contribution.

### Site 2: Area B

Test Site 2 relates to three lots of 1,530sqm in combined area. For the purposes of market evidence we have assumed that the lots are located within Park Road and each has existing detached residential dwellings. As the draft Masterplan advised that redevelopment for residential flat buildings would be unlikely to occur at an FSR of or below 2:1, we have tested this FSR for Test Site 2. We have also assumed the following hypothetical development parameters.

- Option 2: Base Case: FSR 2:1:** this amalgamated site consists of three lots. The proposed development option comprises of 35 residential apartments. In accordance with the Lane Cove DCP, we have assumed 1.5 car spaces per unit and one visitor's space per four (4) apartments. We have maintained a 30% premium on the acquisition of the properties to amalgamate the site.

Table 5 below shows that the redevelopment of Test Site 2 in Area B would not be viable at an FSR 2:1.

**Table 5: Site 2, Area B Results**

Site / Option Specifics	Area B: FSR 2:1
Site Area (sqm)	1,529
No. of Residential Units*	35
Gross Building Area (sqm)	3,363
FSR	2
<b>Performance Indicators:</b>	
Land Purchase Value - Premium 30%	\$8,009,000
Residual Land Value	\$5,476,323
Net Development Profit	\$1,087,571
Development Margin	4%
Project IRR	7%
Feasibility	<b>Not Feasible</b>

\* Assuming average lettable size of 78sqm

### Site 3: Area C

Test Site 3 extends across four sites in the order of 1,647sqm in total area. The site comprises of four detached dwellings.

We have assumed the following hypothetical development parameters.

- **Option 3: Base Case: FSR 2:1:** This Site consists of four lots. The proposed development option comprises of 37 residential apartments. In accordance with the Lane Cove DCP, we have assumed 1.5 car spaces per unit and one (1) visitor’s space per four (4) apartments.

The results for Site 3, Area C demonstrate that redevelopment for residential would not be viable at an FSR 2:1.

**Table 6: Site 3, Area C Results**

Site / Option Specifics	Site C: FSR 2:1
Site Area (sqm)	1,647
No. of Residential Units*	37
Gross Building Area (sqm)	3,623
FSR	2
<b>Performance Indicators:</b>	
Land Purchase Value - Premium 30%	\$8,159,750
Residual Land Value	\$5,955,827
Net Development Profit	\$1,985,111
Development Margin	7%
Project IRR	9%
Feasibility	<b>Not Feasible</b>

\* Assuming average lettable size of 78sqm

## Key Findings

A prudent developer would like to achieve a development margin of 20% and a project IRR of 18% for a development of this size and nature.

In summary our feasibility analysis for Area A – land from Canberra Avenue to Berry Road found the following.

1. A minimum FSR of 2.5:1 is required to make redevelopment viable in this area. This conclusion includes the acquisition of three existing residential sites (paying a 20% premium on existing market values).



2. At an FSR of 2.75:1 (the base recommended FSR by the draft Masterplan) the ability to pay a premium for properties increases to 30% whilst still maintaining the potential for a viable development outcome.
3. A significant increase in land value can be achieved only in Area A (more specifically land at 2-4 Marshall Avenue and 1-5 Canberra Avenue), when a contribution towards local infrastructure is made in return for a bonus FSR of 4:1. This should therefore not only provide an incentive for redevelopment but also sufficient scope for a contribution towards infrastructure such as open space and community facilities. It should be noted however that there are a range of technical matters that would need to be considered in detail by Council to ensure an FSR bonus would have an acceptable impact to the locality.

Should a development be considered acceptable to provide an infrastructure contribution in return for a bonus FSR to 4:1, the developer would have scope to contribute 50% of the uplift in land value. In the case of Test Site 1, the bonus would generate an additional 25 units and a land value uplift of \$4.7m. At 50% of this value uplift, we estimate an infrastructure contribution of \$2.35m could be made to Council for local improvements. This would allow for an infrastructure contribution of \$30,000/ dwelling across the total development over and above existing s94 contributions.

## Key Findings – Area B and C

At such point in time that Areas A and B might be developed, there would be a range of factors influencing the suitability of their development viability, density and scale. At this point in time, the draft Masterplan is not recommending a change in FSRs to Areas B and C. Our testing has sought to "test" the draft Masterplan's assertion that redevelopment to residential flat buildings would be unlikely to occur at an FSR of 2:1 or under.

Our modelling has found that at an FSR of 2:1 for Test Site 2 (Area B) and Test Site 3 (Area C) would achieve a development margin of 4% and 7% respectively (well below the general developer target of 20%).

In fact our modelling suggests that in Areas B and C, an FSR of 2.75:1 as a minimum is required to incentivise change. Importantly however this assumes a land acquisition premium of 20% and not the 30% that could be provided in Area A at the same FSR.

The differences in feasibility results between Area A and Areas B and C in part relating to the generally smaller lot sizes in Areas B and C and therefore the additional cost of acquiring land. It is also in part a result of the anticipated higher sale values to be achieved in Area A given its closer proximity to services and amenities such as the rail station.

## 5 PROVISION OF COMMUNITY FACILITIES AND OPEN SPACE

As discussed in Chapter 3, the draft Masterplan identified the importance of enhancing the provision of both open space and community facilities within the Precinct to support existing and future residents and visitors.

In this regard a range of infrastructure including community facilities and recommendations regarding linear parks were made with the potential for funding by developers in return for bonus development densities (i.e. up to 4:1) or on site provision.

In this regard we have identified two potential approaches to funding facilities over and above standard section 94 developer contributions. The two methods being:

1. The dedication of land and the transfer of its FSR to remaining portions of the development site; or
2. A contribution of 50% of the land value uplift in return for the infrastructure contribution and bonus FSR.

As established in the preceding Chapter, one development site (comprising of three amalgamated lots with a development yield of 77 residential units, of which 25 were bonus dwellings) in Area A could contribute in the order of \$2.35m in monetary contributions.

### Cost of Open Space Provision

HillPDA has found that the City of Sydney process of reaching open space targets in the LGA has been successful in achieving a good outcome for both the developer and Council. The process involves the provision of infrastructure in return for granting FSR bonuses whereby open space is dedicated in particular areas where there is an under-allocation of such space. In light of the recommended approach by the draft Masterplan, such an approach could also work within the Precinct.

In the City of Sydney case, a credit is provided to the developer of 25% of the market value for the site. This is generally given through Section 94 contributions.

If a developer sought to dedicate part of their site in the Precinct for open space, but retain the FSR to their benefit on the development site, we would suggest an equitable approach would be to offer back one third of the market value of that land prior to dedication. This

would be a cost effective means of realising the vision of the draft Masterplan.

## Cost of a Community Facility

As researched above in Chapter 2, the draft Masterplan identified the need for a range of potential community facilities including:

- A multi-purpose building;
- An indoor multi-level sports buildings; and
- In order of two to five childcare centres to be provided by private sector and integrated with development.

In accordance with our project brief we have sought to determine the acquisition, construction and fit out costs to develop a community facility within the Precinct.

In accordance with the draft Masterplan, we have assumed that the community hall would be 200sqm internally.

The draft master plan however, does not specify a total area for both the indoor multi-level sport centre and childcare centre. We have therefore assumed in our own costing exercise that the multi-level sport centre would be in order of 1,200sqm internally and the childcare centre 300sqm internally.

Given the preliminary nature of this exercise, we would recommend that as a future study Council determine appropriate scale of such a facility.

## Options Analysed

To better understand different methods for delivery and costing each of these facilities we have designed and tested three options. These are as follows:

- **Option 1: Council purchases a site and redevelops it itself:** This option involves Council purchasing a lot in the Precinct based on funding secured from development bonuses and redeveloping it into one of the community facilities.
- **Option 2: Council purchases a stratum premises:** This option relates to Council selecting a development and paying for the strata unit to accommodate the community facilities, using funding secured from development bonuses.
- **Option 3: A developer dedicates a parcel of land to Council in lieu of a monetary contribution.** This option allows developers to dedicate a parcel of land in the development to Council. In return

Council would reimburse or credit the developer one third of the market value for the land.

## Alternative Costing's and Delivery Methods

To better understand the potential scale of costs to build each of the facilities, we have drawn from Rawlinson's Construction Handbook 2014 and made a number of assumptions based on our market knowledge. These assumptions are outlined in each of the options below.

### 1. Community Hall

The Community Hall was tested on the basis that that Council would develop a medium finished construction and fit out the community hall. Our assumptions include:

- Estimate lot value - \$1,770,00
- Site Area - 557sqm;
- 30% Premium on Land Value- \$2,301,000
- Internal area -200sqm<sup>5</sup>;
- Land Value per square metre rate - \$5,000/sqm;
- Construction Costs - Medium Finished- \$1,285/sqm<sup>6</sup> ;
- Fit out Costs -\$600/sqm; and
- Professional Fees - 20% Build Costs.

The estimated construction costs are as follows:

**Table 7: Community Hall Total Development Costs**

	Option 1: Council Acquires and redevelops	Option 2: Council purchases a stratum premise:	Option 3: A developer dedicates a parcel of land to Council
Total Development Costs	\$2,729,400	\$1,120,0000	\$1,144,000
Total Development Costs \$/sqm	\$13,647	\$5,600.00	\$5,720

Source: Rawlinson's Construction Handbook and HillPDA

The results above show that Option 3, a developer dedicates a parcel of land to Council in lieu of a monetary contribution may be the best value and outcome in financial terms for Council. This is even more apparent when we compare Option 3 to both Option 1 and Option 2. Compared to Options 1 and 2, Option 3 has a cost saving of \$1.58

<sup>5</sup> Lane Cove - St Leonards South Draft Masterplan

<sup>6</sup> Rawlinson's Construction Handbook 2014



million and \$24,000 respectively. Although there is not a considerable difference in value between Option 2 and Option 3, Option 2 does not allow Council to design their appropriate facility

## 2. An indoor multi-level sports buildings

An Indoor multi-level sports building was tested on the basis that it would have a standard construction together with change rooms and toilets. Our assumptions relied included:

- Estimate land value - \$3,540,000
- Site Area - 1,114sqm;
- 30% Premium on Land Value - \$4,602,000
- Internal area -1,200sqm;
- Land Value per square metre rate- \$4,000;
- Construction Costs - Medium Finished- \$1,865/sqm<sup>7</sup>;
- Fit out Costs - \$ 300/sqm; and
- Professional Fees - 20% Build Costs.

The estimated construction costs are as follows:

**Table 8 : Indoor Sports Centre Total Development Costs**

	Option 1: Council Acquires and redevelops	Option 2: Council purchases a stratum premise	Option 3: A developer dedicates a parcel of land to Council
Total Development Costs	\$7,767,600	\$5,280,000	\$4,228,000
Total Development Costs \$/sqm	\$6,473	\$4,400	\$3,523.33

Source: Rawlinson's Construction Handbook 2014 and HillPDA Research

The result above show that Option 3, a developer dedicates a parcel of land to Council in lieu of a monetary contribution would be the best value in financial terms for Council. Option 3 compared to Option 1 and Option 2 demonstrates a cost saving of \$3.54 million and \$1.05 million respectively.

## 3. A Childcare Centre

A childcare centre was tested on the basis that it was single storey standard construction. Our assumptions include:

- Estimate land value - \$1,770,000
- Site Area - 557sqm;

<sup>7</sup> Rawlinson's Construction Handbook 2014

- 30% Premium on Land Value-\$ 2,300,000
- internal area -300sqm;
- Land Value per dollar per square metre rate- \$4,500;
- Construction Costs - Medium Finished\$ 1,755/sqm<sup>8</sup> ;
- Fit out Costs -\$ 300/sqm
- Professional Fees - 20% Build Costs; and

The estimated construction costs are as follows:

**Table 9: Childcare Centre Total Development Costs**

	Option 1: Council Acquires and redevelops	Option 2: Council purchases a stratum premise:	Option 3: A developer dedicates a parcel of land to Council
Total Development Costs	\$3,263,400	\$1,470,000	\$1,357,000
Total Development Costs \$/sqm	\$ 10,878	\$4,900	\$4,523

Source: Rawlinson's Construction Handbook 2014 and HillPDA Research

The result in Table 9, show that Option 3, a developer dedicates a parcel of land to Council in lieu of a monetary contribution would be the best value in financial terms for Council. Option 3 compared to Option 1 and Option 2 demonstrates a cost saving of \$1.9 million and \$113,000 respectively.

## Key Findings

Option 1 would require Council to take on the development risk. Option 2, would not enable Council to design the facility that may have implications in terms of its suitability to meet specific community requirements. It would also require Council to pay body corporate fees as the strata unit would be part of a larger development.

Based on our costing's calculations Option 3, would be the preferred method to fund and provide community facilities within the Precinct.

<sup>8</sup> Rawlinson's Construction Handbook 2014

## Appendix A: MARKET EVIDENCE

We have further placed the desk valuations undertake using RPdata in table 10. We note that HillPDA has not inspected each of the properties listed below and therefore has relied on RPdata for the desktop valuation, land area and description of the property.

**Table 10: Valuations of Selected Sites in the Precinct**

Map Ref	Address	Rounded Desktop Valuation Price*	Area**	Description ***
2	2 Holdsworth	\$1,771,000	847	This property comprising of 5 bedrooms and 2 bathrooms
3	3 Holdsworth	\$1,890,000	544	This property is over two storeys
4	4 Holdsworth	\$1,772,000	557	This property is a single storey comprising of 3 bedrooms and 2 bathrooms
5	6 Holdsworth	\$1,686,000	557	This property is a single storey comprising of 3 bedrooms and 2 bathrooms
6	7 Holdsworth	\$1,804,000	558	This property is over two storeys
7	9 Holdsworth	\$2,499,000	557	This property is a modern house over two storeys comprises of 5 bedrooms and 2 bathrooms
8	11 Holdsworth	\$2,005,000	557	This property is raised single storey house
9	14 Holdsworth	\$2,603,000	556	This property is a single storey comprising of 5 bedrooms and 3 bathrooms
10	15 Holdsworth	\$1,841,000	567	This property is over two storeys
11	16 Holdsworth	\$1,365,000	557	This property is a single storey comprising of 3 bedrooms and 1 bathroom
12	17 Holdsworth	\$1,843,000	557	This property is currently in the process of constructing a modern house. Please Note the RPData desk valuation may have been valued prior to redevelopment of the site. Therefore the new house would not be factored into the estimated value.
13	20 Holdsworth	\$2,200,000	557	This property is a single storey comprising of 4 bedrooms and 2 bathrooms
14	22 Holdsworth	\$1,533,000	556	This property is a single storey comprising of 3 bedrooms and 2 bathrooms
15	1 Canberra	\$1,607,000	637	This property is a single storey comprising of 3 bedrooms and 1 bathrooms
16	3 Canberra	\$1,708,000	692	This property comprises of 5 bedrooms and 3 bathrooms over two storeys.
17	5 Canberra	\$1,804,000	675	This property comprises of 3 bedrooms and 2 bathrooms
18	7 Canberra	\$1,657,000	648	This property is a single storey
19	11 Canberra	\$1,440,000	626	This property is a raised single storey house
20	13 Canberra	\$1,386,000	632	This property is single storey comprising of 3 bedrooms and 2 bathrooms
21	15 Canberra	\$2,586,000	651	This property is single storey comprising of 5 bedrooms and 3 bathrooms
22	21 Canberra	\$1,677,000	691	This property is single storey comprising of 4 bedrooms and 2 bathrooms
23	17 Canberra	\$2,270,000	676	This property comprises of 6 bedrooms, 2 bathrooms

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24	19 Canberra	\$1,351,000	677	This property is single storey comprising of 3 bedrooms and 1 bathrooms
25	23 Canberra	\$2,002,000	645	This property is single storey comprising of 4 bedrooms, and 2 bathrooms
26	31 Canberra	\$1,459,000	514	This property is two storeys comprising of 3 bedrooms and 2 bathrooms
27	33 Canberra	\$1,980,000	1,605	This property is comprises of of 4 bedrooms and 3 bathrooms
28	37 Canberra	\$1,879,000	1,021	This property is single storey comprising of 4 bedrooms and 2 bathrooms
29	41 Canberra	\$1,222,000	468	This property single storey comprising of 3bedrooms and 2 bathrooms
30	39 Canberra	\$1,288,000	304	This property is single storey comprising of 2 bedrooms and 1 bathrooms
31	4 Berry	\$1,526,000	558	This property is single storey comprising of 3 bedrooms and 1 bathrooms
32	6 Berry	\$1,823,000	558	This property is single storey comprising of 3 bedrooms and 3 bathrooms
33	8 berry	\$1,670,000	556	This property is over two storeys
34	9 berry	\$1,450,000	437	This property is single storey comprising of 4 bedrooms and 3 bathrooms
35	10 berry	\$1,932,000	558	This property is single storey comprising of 5 bedrooms and 2 bathrooms.
36	2 Park	\$1,404,000	437	This property is single storey comprising of 3 bedrooms and 2 bathrooms
37	5 Park	\$2,279,000	606	This property is over two storeys comprising of 5 bedrooms and 2 bathrooms
38	10 Park	\$1,809,000	430	This property is single storey comprising of 4 bedrooms and 2 bathrooms
39	12 Park	\$1,856,000	437	This property is single storey comprising of 4 bedrooms and 1 bathrooms
40	32 Park	\$1,442,000	445	This property is single storey comprising of 3 bedrooms and 1 bathrooms
41	1 Anglo	\$1,510,000	320	This property is single storey comprising of 3 bedrooms and 1 bathrooms
42	2 Anglo	\$1,765,000	316	This property is single storey comprising of 4 bedrooms and 2 bathrooms
43	3 Anglo	\$1,435,000	329	This property is over two storeys
44	4 Anglo	\$1,595,000	325	This property is over two storeys
45	5 Anglo	\$1,814,000	643	This property is over two storeys comprising of 5 bedrooms and 2bathrooms
46	6 Anglo	\$1,492,000	322	This property is single storey
47	7 Anglo	\$1,523,000	331	This property is single storey comprising of 3 bedrooms and 1 bathrooms
48	8 Anglo	\$1,453,000	316	This property is single storey comprising of 2 bedrooms, and 1 bathrooms
49	9 Anglo	\$1,505,000	333	This property is over two storeys
50	10 Anglo	\$1,527,000	316	This property is single storey comprising of 3 bedrooms and 1 bathrooms
51	4 Portview	\$2,681,000	437	This property is over two storeys comprising of 5 bedrooms and 3 bathrooms
52	5 Portview	\$1,827,000	445	This property is over two storeys comprising of 4 bedrooms
53	6 Portview	\$1,745,000	434	This property is single storey
54	10 Portview	\$1,751,000	437	This property is single storey comprising of 4 bedrooms and 1 bathrooms

55	11 Portview	\$2,095,000	446	This property comprises of 4 bedrooms and 3 bathrooms
56	12 Portview	\$1,713,000	437	This property is single storey comprising of 3 bedrooms
57	13 Portview	\$1,772,000	445	This property is single storey house
58	15 Portview	\$1,636,000	446	This property is single storey comprising of 3 bedrooms and 1 bathrooms

Source: Rpdata 2015 - Desktop Valuations

\* HillPDA did not inspect each property and have relied on Rpdata for the description details of each property.

\*\* HillPDA did not measure each property and have relied on Rpdata for the description details of each property.

\*\*\* HillPDA notes the values above have been arrived from desktop valuations on RPDATA based on the current sales within St Leonards. The valuation date was February 2015; Values are likely to change based on market conditions. HillPDA has rounded the valuations to the nearest thousand.



Figure 8: Valuations of detached dwellings in Area A, B and C



Source: HillPDA

## Appendix B: OPTION 1 ASSUMPTIONS

### Project Timeframe

- Project commencement in June 2014
- Construction spans 14 months;
- 50% of apartments are Pre sales; and
- Land purchase: Three Site Values with an additional 30% premium.

### End Sale Values

Due to the high-level nature of this assessment and in the absence of detailed plans, Hill PDA has adopted \$/sqm for sale value for residential in the order of:

- Lower levels: \$11,500/sqm; and
- Higher levels: \$12,000/sqm.

#### **Additional Sales Assumptions Include:**

- Sales escalations at 4% per annum;
- GST is included on residential sales but excluded on non-residential sales;
- Selling costs are assumed at 3% of residential sales
- Due Diligence 0.50% of land tax;
- Constructions costs have been sourced from Rawlinson's Construction Handbook 2015 and are as follows: and
- Demolition and site preparation at \$20,000 per dwelling.

### Residential Construction

- \$3,000/sqm for main building construction;
- Basement car parking \$41,475 per car space for one level;
- Site and Landscaping at \$5,000/sqm.

#### **Additional Cost Assumptions Include:**

- Professional fees have been assumed at 10% of building construction costs (2% design and approval and 6% for consultants and 2% development management).
- Construction contingency of 5% of construction costs. Construction contingency of 5% of construction costs. DA and Construction Certificate fees are included in this contingency.

### **Statutory Costs:**

We have assumed Section 94A contributions, which is 1% construction costs.

Landholding costs estimated based on prevailing statutory rates and assumed to diminish with sales.

### **Performance Criteria**

HillPDA has adopted a project discount rate of 18% per annum nominal on the cash flow of the project which includes financing costs but excludes interest.

Additionally, a developers target development margin of 20% on total development costs (including selling costs) has been assumed both reflecting the size of the development and the associated risk.

## Appendix C: OPTION 1A ASSUMPTIONS

### Project Timeframe

- Project commencement in June 2014
- Construction spans 18 months;
- 50% of apartments are Pre sales; and
- Land purchase: Three Site Values with an additional 30% premium.

### End Sale Values

Due to the high-level nature of this assessment and in the absence of detailed plans, Hill PDA has adopted \$/sqm for sale value for residential in the order of:

- Lower levels: \$11,500/sqm; and
- Higher levels: \$12,500/sqm.

#### **Additional Sales Assumptions Include:**

- Sales escalations at 4% per annum;
- GST is included on residential sales but excluded on non-residential sales;
- Selling costs are assumed at 3% of residential sales
- Due Diligence 0.50% of land tax;
- Construction costs have been sourced from Rawlinson's Construction Handbook 2015 and are as follows: and
- Demolition and site preparation at \$20,000 per dwelling.

### Residential Construction

- \$3,300/sqm for main building construction;
- Basement car parking \$41,475 per car space for one level;
- Site and Landscaping at \$5,000/sqm.

#### **Additional Cost Assumptions Include:**

- Professional fees have been assumed at 10% of building construction costs (2% design and approval and 6% for consultants and 2% development management).
- Construction contingency of 5% of construction costs. Construction contingency of 5% of construction costs. DA and Construction Certificate fees are included in this contingency.

### **Statutory Costs:**

We have assumed Section 94A contributions, which is 1% construction costs.

DA and, Section 94A contributions and Construction Certificate fees assumed Councils estimates.

Landholding costs estimated based on prevailing statutory rates and assumed to diminish with sales.

### **Performance Criteria**

HillPDA has adopted a project discount rate of 18% per annum nominal on the cash flow of the project which includes financing costs but excludes interest.

Additionally, a developers target development margin of 20% on total development costs (including selling costs) has been assumed both reflecting the size of the development and the associated risk.



## Appendix D: OPTION 2 ASSUMPTIONS

### Project Timeframe

- Project commencement in June 2014
- Construction spans 14 months;
- 50% of apartments are Pre sales; and
- Land purchase: Three Site Values with an additional 30% premium.

### End Sale Values

Due to the high-level nature of this assessment and in the absence of detailed plans, Hill PDA has adopted \$/sqm for sale value for residential in the order of:

- Low levels: \$11,000/sqm; and
- Higher levels: \$11,500/sqm.

#### **Additional Sales Assumptions Include:**

- Sales escalations at 4% per annum;
- GST is included on residential sales but excluded on non-residential sales;
- Selling costs are assumed at 3% of residential sales
- Due Diligence 0.50% of land tax;
- Constructions costs have been sourced from Rawlinson's Construction Handbook 2015 and are as follows: and
- Demolition and site preparation at \$20,000 per dwelling.

### Residential Construction

- \$3,000/sqm for main building construction;
- Basement car parking \$41,475 per car space for one level;
- Site and Landscaping at \$5,000/sqm.

#### **Additional Cost Assumptions Include:**

- Professional fees have been assumed at 10% of building construction costs (2% design and approval and 6% for consultants and 2% development management).
- Construction contingency of 5% of construction costs. DA and Construction Certificate fees are included in this contingency.

### **Statutory Costs:**

We have assumed Section 94A contributions, which is 1% construction costs.

Landholding costs estimated based on prevailing statutory rates and assumed to diminish with sales.

### **Performance Criteria**

HillPDA has adopted a project discount rate of 18% per annum nominal on the cash flow of the project which includes financing costs but excludes interest.

Additionally, a developers target development margin of 20% on total development costs (including selling costs) has been assumed both reflecting the size of the development and the associated risk.

## Appendix E: OPTION 3 ASSUMPTIONS

### Project Timeframe

- Project commencement in June 2014
- Construction spans 14 months;
- 50% of apartments are Pre sales; and
- Land purchase: Three Site Values with an additional 30% premium.

### End Sale Values

Due to the high-level nature of this assessment and in the absence of detailed plans, Hill PDA has adopted \$/sqm for sale value for residential in the order of:

- Low levels: \$11,000/sqm; and
- Higher levels: \$11,500/sqm.

#### **Additional Sales Assumptions Include:**

- Sales escalations at 4% per annum;
- GST is included on residential sales but excluded on non-residential sales;
- Selling costs are assumed at 3% of residential sales
- Due Diligence 0.50% of land tax;
- Constructions costs have been sourced from Rawlinson's Construction Handbook 2015 and are as follows: and
- Demolition and site preparation at \$20,000 per dwelling.

### Residential Construction

- \$3,000/sqm for main building construction;
- Basement car parking \$41,475 per car space for one level;
- Site and Landscaping at \$5,000/sqm.

#### **Additional Cost Assumptions Include:**

- Professional fees have been assumed at 10% of building construction costs (2% design and approval and 6% for consultants and 2% development management).
- costs Construction contingency of 5% of construction costs. DA and Construction Certificate fees are included in this contingency.

### **Statutory Costs:**

We have assumed Section 94A contributions, which is 1% construction costs.

Landholding costs estimated based on prevailing statutory rates and assumed to diminish with sales.

### **Performance Criteria**

HillPDA has adopted a project discount rate of 18% per annum nominal on the cash flow of the project which includes financing costs but excludes interest.

Additionally, a developers target development margin of 20% on total development costs (including selling costs) has been assumed both reflecting the size of the development and the associated risk.

## Appendix F: SITE A: OPTION 1 FEASIBILITY





# Development Feasibility Model

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**C14291**  
**St Leonards South**  
Site A: FSR 2.75 :1  
FSR 2.75:1

<b>Date of Report :</b>	27-Feb-2015	<b>Project Size :</b>	52. Apartments
<b>Time Span :</b>	Jun-15 to Sep-18		1 per 32.13 SqM of Site Area
<b>Type :</b>	Mixed Use	<b>Project Size :</b>	5,054.8 GBA
<b>Status :</b>	Under Review		1 per 0.33 SqM of Site Area
<b>Site Area :</b>	1,671. SqM	<b>FSR :</b>	2.75:1
		<b>Equated GFA :</b>	4,595.3 SqM
<b>Prepared By :</b>	Report Prepared By	<b>Address :</b>	Address
<b>Prepared For :</b>	Report Prepared For		City/Suburb
<b>Developer :</b>	Enter Developer Name		State/County
			Country

## Disclaimer

1. This report and its attached appendices are based on estimates, assumptions and information provided by the Client or sourced and referenced from external sources by Hill PDA. While we endeavour to check these estimates, assumptions and information, no warranty is given in relation to their reliability, feasibility, accuracy or reasonableness. Hill PDA presents these estimates and assumptions as a basis for the Client's interpretation and analysis. With respect to forecasts, Hill PDA does not present them as results that will actually be achieved. Hill PDA relies upon the interpretation of the Client to judge for itself the likelihood of whether these projections can be achieved or not.

2. Due care has been taken to prepare the attached financial models from available information at the time of writing, however no responsibility can be or is accepted for errors or inaccuracies that may have occurred either with the programming or the resultant financial projections and their assumptions.

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Version 5.32 February 2015



**Preliminary**

Cash Flow Title	Site A: FSR 2.75 :1	Description of Option/Stage	FSR 2.75:1
Date of First Period:	Jun-2015		
Cash Flow Rest Period:	Monthly		
Enter Project Size (a)	52.0	Apartments	
Enter Project Size (b)	5,054.8	GBA	
Enter Site Area	1,671.0	SqM	Floor Space Ratio 2.75 :1

Equated Gross Floor Area= 4,595.3 SqM

Type	Mixed Use
Status	Under Review

**Goods and Services Tax**

(Using General Tax Rule)

Developer	Credits Reclaimed every 2 months from January	Liability Paid every 2 months from January	Liability on Sales All Paid by Developer
Goods and Services Tax Rate	10.00%		

All Project Costs	To be entered Exclusive of GST
Rental Income & Leasing Costs	To be entered Exclusive of GST
Sales Revenue	To be entered Inclusive of GST
Other Income	To be entered Exclusive of GST

**1000 Land Purchase & Acquisition Costs**

Costs to be entered Exclusive of GST

Land Purchase Price	9,284,600
---------------------	-----------

Code	Stage	Description	% of Land Purchase Price		AND/OR Lump Amount
			% paid	Amount	
1002	-	Deposit in Trust Account <sup>1</sup>	10.00%	928,460	-
1003	-	Payment 1	0.00%	-	-
1004	-	Payment 2	0.00%	-	-
1005	-	Payment 3	0.00%	-	-
1006	-	Payment 4	0.00%	-	-
1007	-	Settlement (Balance)	90.00%	-	8,356,140
1008	-	Stamp Duty <sup>1</sup>	NSW	-	655,404
		Interest on Deposit in Trust Account	0.00%	-	-
		Profit Share to Land Owner	0.00%	-	-

Interest from deposit shared between parties  
Paid progressively as project makes a profit.

Month Start	Month Span	Cash Flow Period	Add GST on Land Price? <input checked="" type="checkbox"/>
1	1	Jul-15 - Jul-15	Reclaim Proportionally with Land Payments
0	-	-	
0	-	-	
0	-	-	
0	-	-	
3	1	Sep-15 - Sep-15	
1	1	Jul-15 - Jul-15	(Stamp Duty calculated on Land Value of 10,213,060 inc. GST)

Total Current Costs (exc GST)	Total Current Costs (inc GST)	Total Escalated Cost
928,460	1,021,306	1,021,306
-	-	-
-	-	-
-	-	-
-	-	-
8,356,140	9,191,754	9,191,754
655,404	655,404	655,404
<b>TOTAL</b>	<b>9,940,004</b>	<b>10,868,464</b>

Code	Stage	Other Acquisition Costs (to be entered Exclusive of GST)	% of Land Price exc Tax		AND/OR Lump Amount
			% paid	Amount	
1011	-	Due Diligence	0.50%	46,423	-
1012	-	.	0.00%	-	-
1013	-	.	0.00%	-	-
1014	-	.	0.00%	-	-
1015	-	.	0.00%	-	-

Month Start	Month Span	Cash Flow Period
1	-	Jul-15 - Sep-15
0	-	-
0	-	-
0	-	-
0	-	-

Add GST	Remarks	Total Current Costs (exc GST)	Total Current Costs (inc GST)	Total Escalated Cost
Y		46,423	51,065	51,065
Y		-	-	-
Y		-	-	-
Y		-	-	-
Y		-	-	-
	Manual Input (refer to Cash Flow)	-	-	-
<b>TOTAL</b>		<b>46,423</b>	<b>51,065</b>	<b>51,065</b>

<sup>1</sup> (No GST credit available for Stamp Duty)

<sup>2</sup> Pro-rata with Land Payments ('L')

**Cost Escalation**

Code	Description	Escalation Rates (Monthly Compounded Escalation) based on Cashflow Period Years commencing									
		Jun-15	Jun-16	Jun-17	Jun-18	Jun-19	Jun-20	Jun-21	Jun-22	Jun-23	Jun-24
	Professional Fees	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
	Construction Costs (Uncategorised)	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
SUB	Basement	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
EMW	Enabling Infrastructure	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
BUI	Built Form	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
LSA	Landscaping and Amenities	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
OT2	Other	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
	Other	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
	Statutory Fees	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
	Miscellaneous	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
	Miscellaneous Costs 3	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
	Land Holding Costs	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
	Selling and Leasing Costs	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
	Finance Costs	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%

Main Inputs for St Leonards South

2000	<b>Project Contingency</b>	-	And / Or	2.00%	of Construction, Professional (exc Development Management), Other, Statutory Fees, Miscellaneous, Miscellaneous Costs 3	TOTAL	518,133											
3000	<b>Professional Fees</b>																	
Costs to be entered Exclusive of GST																		
Code	Stage	Description	% of Construct. <sup>1</sup>	AND / OR No. Units	Base Rate / Unit	Escalate (E,R,N)	S-Curve	Month Start <sup>2</sup>	Month Span	Cash Flow Period	Add GST	Remarks	Total Current Costs (exc GST)	Total Current Costs (inc GST)	Total Escalated Cost			
3001	-	Design & approval	2.00%	-	-	-	-	1	12	Jul-15 - Jun-16	n	Do not escalate if %	428,644	428,644	428,644			
3002	-	Consultants	6.00%	-	-	-	-	c	-	Dec-15 - Jan-18	n		1,285,933	1,285,933	1,285,933			
3003	-		0.00%	-	-	-	-	0	-	-	y		-	-	-			
3004	-		0.00%	-	-	-	-	0	-	-	y		-	-	-			
3005	-		0.00%	-	-	-	-	0	-	-	y		-	-	-			
3006	-		0.00%	-	-	-	-	0	-	-	y		-	-	-			
3007	-		0.00%	-	-	-	-	0	-	-	y		-	-	-			
3008	-		0.00%	-	-	-	-	0	-	-	y		-	-	-			
3009	-		0.00%	-	-	-	-	0	-	-	y		-	-	-			
3010	-		0.00%	-	-	-	-	0	-	-	y		-	-	-			
3011	-		0.00%	-	-	-	-	0	-	-	y		-	-	-			
3012	-		0.00%	-	-	-	-	0	-	-	y		-	-	-			
3013	-		0.00%	-	-	-	-	0	-	-	y		-	-	-			
3014	-		0.00%	-	-	-	-	0	-	-	y		-	-	-			
3015	-		0.00%	-	-	-	-	0	-	-	y		-	-	-			
			<sup>1</sup> % Based on Net Costs					<sup>2</sup> Pro-rata with Construction ('C')										
3099	-	Development Management	2.00%	% of Project Costs (inc Land but exc Finance & Tax)	-	-	-	C	-	Dec-15 - Jan-18	n		695,706	695,706	695,706			
			<sup>2</sup> Dev Mgmt Fee: Pro-rata with Construction ('C'), Settlements ('S'), Project Costs inc Land ('P1') or exc Land ('P2')															
													<b>TOTAL</b>	2,410,284	2,410,284	2,410,284		
4000	<b>Construction Costs</b>																	
Costs to be entered Exclusive of GST																		
Code	Stage	Description	Cost Type	Units	Base Rate / Units	Escalate (E,R,N) <sup>1</sup>	S-Curve	Month Start	Month Span	Cash Flow Period	Add GST	Remarks	Total Current Costs (exc GST)	Total Current Costs (inc GST)	Total Escalated Cost			
4001	-	Construction	BUI	5,055	3,000	e	s	18	14	Dec-16 - Jan-18	y	RLB 2014 Over up to 10 sotrey	15,164,325	16,680,758	17,436,994			
4002	-	Basement Parking ( 1.5 per uni)t	SUB	78	41,475	e	s	18	14	Dec-16 - Jan-18	y	RLB Basement CBD Mid point	3,235,050	3,558,555	3,719,885			
4003	-	Landscaping & Amenities	LSA	52	5,000	e	s	18	14	Dec-16 - Jan-18	y	Allowance	260,000	286,000	298,966			
4004	-	Demolition	-	1	60,000	e	s	6	6	Dec-15 - May-16	y		60,000	66,000	66,983			
4005	-	Vistor Parkng	-	20	41,475	e	s	18	14	Dec-16 - Jan-18	y		808,763	889,639	929,971			
4006	-		-	-	-	-	-	0	-	-	y		-	-	-			
4007	-		-	-	-	-	-	0	-	-	y		-	-	-			
4008	-		-	-	-	-	-	0	-	-	y		-	-	-			
4009	-		-	-	-	-	-	0	-	-	y		-	-	-			
4010	-		-	-	-	-	-	0	-	-	y		-	-	-			
4011	-		-	-	-	-	-	0	-	-	y		-	-	-			
4012	-		-	-	-	-	-	0	-	-	y		-	-	-			
4013	-		-	-	-	-	-	0	-	-	y		-	-	-			
4014	-		-	-	-	-	-	0	-	-	y		-	-	-			
4015	-		-	-	-	-	-	0	-	-	y		-	-	-			
4016	-		-	-	-	-	-	0	-	-	y		-	-	-			
4017	-		-	-	-	-	-	0	-	-	y		-	-	-			
4018	-		-	-	-	-	-	0	-	-	y		-	-	-			
4019	-		-	-	-	-	-	0	-	-	y		-	-	-			
4025	-		-	-	-	-	-	0	-	-	y		-	-	-			
			<sup>1</sup> Escalation ('N' = no escalation, 'E' = escalation to start period, 'R' = escalation to start period and through span)															
4099	<b>Construction Contingency</b>	-	And / Or	5.00%	of Construction Costs (inc GST)											976,407	1,074,048	1,122,640
													<b>TOTAL</b>	20,504,544	22,554,999	23,575,438		









10000 <b>Financing</b> (Advanced Mode)				General Notes: All Line Fees are paid during period of debt, in arrears All Profit Share is Paid progressively as project makes a profit.		Opening Balances			
<b>Equity</b>				<b>Equity Notes:</b> Equity is paying outstanding debt Equity is repaid at project end.					
Developer's Equity Contribution Injected in total upfront.		Fixed Amount	Percentage					Equity Totals	
		-	20.00%	% of Net Cash Flow to be Funded				Developer's Injections	
10001	Interest Charged on Equity	0.00%	per annum Nominal - Capitalised (Compounded)						Interest Charged
10002	Interest received on Surplus Cash	0.00%	per annum received in arrears.						Interest Received
% of Available Funds to Repay Equity Before Debt		0.00%							
<b>Loan 1</b>						Opening Balances		Loan 1 Totals	
Facility Limit		Fixed Amount	Percentage						
Drawn down in total at loan commencement.		-	0.00%	Fixed Amount				Drawdown	
Month Commencement		Manual	0	Jun-2015					
Maturity Month		Auto	0	N.A.					
10004	Interest Rate	0.00%		per annum Nominal - Capitalised (Compounded)				Interest Charged	
<b>Fees</b>		Amount	Percentage	Month Paid					
Application Fee		-	0.00%	0					Application Fees
Line Fee		-	0.00%						Line Fees
Profit Split to Lender 1		0.00%						Profit Split	
<b>Loan 2</b>						Opening Balances		Loan 2 Totals	
Facility Limit		Fixed Amount	Percentage						
Drawn down in total at loan commencement.		-	0.00%	Fixed Amount				Drawdown	
Month Commencement		Auto	0						
Maturity Month		Auto	0	N.A.					
10004	Interest Rate	0.00%		per annum Nominal - Capitalised (Compounded)				Interest Charged	
<b>Fees</b>		Amount	Percentage	Month Paid					
Application Fee		-	0.00%	0					Application Fees
Line Fee		-	0.00%						Line Fees
Profit Split to Lender 2		0.00%						Profit Split	
<b>Loan 3</b>						Opening Balances		Loan 3 Totals	
Facility Limit		Fixed Amount	Percentage						
Drawn down in total at loan commencement.		-	0.00%	Fixed Amount				Drawdown	
Month Commencement		Auto	0						
Maturity Month		Auto	0	N.A.					
10004	Interest Rate	0.00%		per annum Nominal - Capitalised (Compounded)				Interest Charged	
<b>Fees</b>		Amount	Percentage	Month Paid					
Application Fee		-	0.00%	0					Application Fees
Line Fee		-	0.00%						Line Fees
Profit Split to Lender 3		0.00%						Profit Split	



## Summary of Project Returns



**St Leonards South**



**Site A: FSR 2.75 :1**

FSR 2.75:1

<b>Time Span:</b> Jun-15 to Sep-18	<b>Project Size:</b> 52 Apartments
<b>Type:</b> Mixed Use	1 per 32.13 SqM of Site Area
<b>Status:</b> Under Review	<b>Project Size:</b> 5,054.8 GBA
<b>Site Area:</b> 1,671.1 SqM	1 per 0.33 SqM of Site Area
<b>FSR:</b> 2.75:1	<b>Equated GFA:</b> 4,595.3 SqM

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				AUD Total	GBA	SqM of Site Area	Total Net Revenue
<b>REVENUE</b>							
	Quantity	SqM	AUD/Quantity	AUD			
<b>Gross Sales Revenue</b>	-	4,044.00	-	51,542,550	10,197	30,845	115.3%
Apartments	-	4,044.00	-	51,542,550			
<b>Less Selling Costs</b>				(2,149,055)	425	1,286	-4.8%
<b>NET SALES REVENUE</b>				49,393,495	9,772	29,559	110.5%

Interest Received	-	-	-	-	-	-	0.0%
Other Income	-	-	-	-	-	-	0.0%
<b>TOTAL REVENUE (before GST paid)</b>				49,393,495	9,772	29,559	110.5%
Less GST paid on all Revenue				(4,685,686)	927	2,804	-10.5%
<b>TOTAL REVENUE (after GST paid)</b>				44,707,809	8,845	26,755	100.0%

<b>COSTS</b>							
Land Purchase Cost				10,213,060	2,020	6,112	22.8%
Land Acquisition Costs				706,470	140	423	1.6%
<b>Construction Costs (inc. Contingency)</b>				23,575,438	4,664	14,109	52.7%
Basement				3,719,885	736	2,226	8.3%
Built Form				17,436,994	3,450	10,435	39.0%
Landscaping and Amenities				298,966	59	179	0.7%
Other Construction Costs				996,954	197	597	2.2%
Contingency				1,122,640	222	672	2.5%
Professional Fees				2,410,284	477	1,442	5.4%
Other				-	-	-	0.0%
Statutory Fees				214,322	42	128	0.5%
Miscellaneous				-	-	-	0.0%
Miscellaneous Costs 3				-	-	-	0.0%
Project Contingency (Reserve)				518,133	103	310	1.2%
Land Holding Costs				597,502	118	358	1.3%
Pre-Sale Commissions				402,302	80	241	0.9%
Finance Charges (inc. Fees)				103,618	20	62	0.2%
Interest Expense				1,865,865	369	1,117	4.2%
<b>TOTAL COSTS (before GST reclaimed)</b>				40,606,993	8,033	24,301	90.8%
Less GST reclaimed				(3,351,861)	663	2,006	-7.5%
Plus Corporate Tax				-	-	-	0.0%
<b>TOTAL COSTS (after GST reclaimed)</b>				37,255,132	7,370	22,295	83.3%

		AUD Per GBA	AUD Per SqM of Site Area
<sup>1</sup> <b>Net Development Profit</b>		7,452,677	1,474
<sup>3</sup> <b>Development Margin (Profit/Risk Margin)</b>	Based on total costs (inc selling costs)	18.91%	
<sup>4</sup> <b>Residual Land Value</b>	Based on Target Margin of 20% (Exclusive of GST)	9,005,430	1,782
<sup>5</sup> <b>Net Present Value</b>	Based on Discount Rate of 18% p.a. Effective	252,383	
<sup>6</sup> <b>Benefit Cost Ratio</b>		1.0091	
<sup>7</sup> <b>Project Internal Rate of Return (IRR)</b>	Per annum Effective	18.75%	
<sup>8</sup> <b>Residual Land Value</b>	Based on NPV (Exclusive of GST)	9,522,460	1,884
Equity IRR	Per annum Effective	23.64%	
Equity Contribution		7,503,583	
Peak Debt Exposure		30,311,961	
Equity to Debt Ratio		25.34%	
<sup>9</sup> <b>Weighted Average Cost of Capital (WACC)</b>		9.91%	
<sup>10</sup> <b>Breakeven Date for Cumulative Cash Flow</b>	Month 36	Jun-2018	

**Footnotes:**

1. Development Profit: is total revenue less total cost including interest paid and received
2. Note: No redistribution of Developer's Gross Profit
3. Development Margin: is profit divided by total costs (inc selling costs)
4. Residual Land Value: is the maximum purchase price for the land whilst achieving the target development margin.
5. Net Present Value: is the project's cash flow stream discounted to present value. It includes financing costs but excludes interest and corp tax.
6. Benefit:Cost Ratio: is the ratio of discounted incomes to discounted costs and includes financing costs but excludes interest and corp tax.
7. Internal Rate of Return: is the discount rate where the NPV above equals Zero.
8. Residual Land Value (based on NPV): is the purchase price for the land to achieve a zero NPV.
9. The Weighted Average Cost of Capital (WACC) is the rate that a company is expected to pay to finance its assets.
10. Breakeven date for Cumulative Cash Flow: is the last date when total debt and equity is repaid (ie when profit is realised).

## Summary of Project Returns



**St Leonards South**



**Site A: FSR 2.75 :1**

FSR 2.75:1

<b>Time Span:</b> Jun-15 to Sep-18	<b>Project Size:</b> 52. Apartments <small>1 per 32.13 SqM of Site Area</small>
<b>Type:</b> Mixed Use	<b>Project Size:</b> 5,054.8 GBA <small>1 per 0.33 SqM of Site Area</small>
<b>Status:</b> Under Review	<b>Equated GFA:</b> 4,595.3 SqM
<b>Site Area:</b> 1,671. SqM	
<b>FSR:</b> 2.75:1	

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RETURNS ON FUNDS INVESTED	Developer's Equity	Loan 4 Debt <small>Lender Name</small>	Total Equity	Total Debt
<sup>1</sup> Funds Invested (Cash Outlay)	7,503,583	29,615,410	7,503,583	29,615,410
% of Total Funds Invested	20.21%	79.79%	20.21%	79.79%
<sup>2</sup> Peak Exposure	7,503,583	30,311,961	7,503,583	30,311,961
Date of Peak Exposure	Jun-15	Jan-18	Jun-15	Jan-18
Month of Peak Exposure	Month 0	Month 31	Month 0	Month 31
Weighted Average Interest Rate	N.A.	7.35%	N.A.	7.35%
Interest Charged	-	1,865,865	-	1,865,865
Line Fees Charged	-	-	-	-
Application Fees Charged	-	-	-	-
Profit Share Received	-	-	-	-
<sup>3</sup> Total Profit to Funders	7,452,677	1,865,865	7,452,677	1,865,865
<sup>4</sup> Margin on Funds Invested	99.32%	6.30%	99.32%	6.30%
<sup>5</sup> Payback Date	Sep-18	Mar-18	Sep-18	Mar-18
Month of Payback	Month 39	Month 33	Month 39	Month 33
<sup>6</sup> IRR on Funds Invested	23.64%	7.60%	23.64%	7.60%
<sup>7</sup> Equity to Debt Ratio	-	25.34%	-	25.34%
<sup>8</sup> Loan to Value Ratio	14.56%	58.81%	14.56%	58.81%
<sup>9</sup> Loan Ratio	20.14%	84.50%	20.14%	84.50%
	<small>of Project &amp; Finance</small>	<small>of Project &amp; Finance</small>	<small>of Project &amp; Finance</small>	<small>of Project &amp; Finance</small>

**Footnotes:**

1. The total amount of funding injected into the project cash flow.
2. The maximum cash flow exposure of that equity/debt facility including capitalised interest.
3. The total repayments less funds invested, including profit share paid or received.
4. Margin is net profit divided by total funds invested (cash outlay).
5. Payback date for the equity/debt facility is the last date when total equity/debt is repaid.
6. IRR on Funds Invested is the IRR of the equity cash flow including the return of equity and realisation of project profits.
7. Equity to Debt Ratio is the amount of equity contributed into the project as a percentage of debt funding.
8. Loan to Value ratio is the Peak Equity/Debt Exposure divided by Total Sales Revenue.
9. Loan Ratio is the total funds invested by the lender (cash outlay) divided by the nominated ratio calculation method. It includes capitalised interest and fees.

## Appendix G: SITE A: OPTION 1A FEASIBILITY



# Development Feasibility Model

Estate Master Licensed to: HillPDA



**C14291**  
**St Leonards South**  
Site A: FSR 4:1  
FSR 4.1

<b>Date of Report :</b>	27-Feb-2015	<b>Project Size :</b>	77. Apartments
<b>Time Span :</b>	Jun-15 to Jan-19		1 per 21.7 SqM of Site Area
<b>Type :</b>	Mixed Use	<b>Project Size :</b>	7,536.2 GFA
<b>Status :</b>	Under Review		1 per 0.22 SqM of Site Area
<b>Site Area :</b>	1,671. SqM	<b>FSR :</b>	4.1:1
		<b>Equated GFA :</b>	6,851.1 SqM
<b>Prepared By :</b>	Report Prepared By	<b>Address :</b>	Address
<b>Prepared For :</b>	Report Prepared For		City/Suburb
<b>Developer :</b>	Enter Developer Name		State/County
			Country

## Disclaimer

1. This report and its attached appendices are based on estimates, assumptions and information provided by the Client or sourced and referenced from external sources by Hill PDA. While we endeavour to check these estimates, assumptions and information, no warranty is given in relation to their reliability, feasibility, accuracy or reasonableness. Hill PDA presents these estimates and assumptions as a basis for the Client's interpretation and analysis. With respect to forecasts, Hill PDA does not present them as results that will actually be achieved. Hill PDA relies upon the interpretation of the Client to judge for itself the likelihood of whether these projections can be achieved or not.

2. Due care has been taken to prepare the attached financial models from available information at the time of writing, however no responsibility can be or is accepted for errors or inaccuracies that may have occurred either with the programming or the resultant financial projections and their assumptions.



Main Inputs for St Leonards South

Estate Master Licensed to: HillPDA

Version 5.32 February 2015



Preliminary

Cash Flow Title	Site A: FSR 4:1	Description of Option/Stage	FSR 4.1
Date of First Period:	Jun-2015		
Cash Flow Rest Period:	Monthly		
Enter Project Size (a)	77.0	Apartments	
Enter Project Size (b)	7,536.2	GFA	
Enter Site Area	1,671.0	SqM	Floor Space Ratio 4.1:1

Equated Gross Floor Area= 6,851.1 SqM

Type	Mixed Use
Status	Under Review

Goods and Services Tax

(Using General Tax Rule)

Developer	Credits Reclaimed every 2 months from January	Liability Paid every 2 months from January	Liability on Sales All Paid by Developer
Goods and Services Tax Rate	10.00%		

All Project Costs	To be entered Exclusive of GST
Rental Income & Leasing Costs	To be entered Exclusive of GST
Sales Revenue	To be entered Inclusive of GST
Other Income	To be entered Exclusive of GST

1000 Land Purchase & Acquisition Costs

Costs to be entered Exclusive of GST

Land Purchase Price	9,284,600
---------------------	-----------

Code	Stage	Description	% of Land Purchase Price		AND/OR Lump Amount
			% paid	Amount	
1002	-	Deposit in Trust Account <sup>1</sup>	10.00%	928,460	-
1003	-	Payment 1	0.00%	-	-
1004	-	Payment 2	0.00%	-	-
1005	-	Payment 3	0.00%	-	-
1006	-	Payment 4	0.00%	-	-
1007	-	Settlement (Balance)	90.00%	-	8,356,140
1008	-	Stamp Duty <sup>1</sup>	NSW	-	655,404
		Interest on Deposit in Trust Account	0.00%	-	-
		Profit Share to Land Owner	0.00%	-	-

Interest from deposit shared between parties  
Paid progressively as project makes a profit.

Month Start	Month Span	Cash Flow Period	Add GST on Land Price?
1	1	Jul-15 - Jul-15	Y
0	-	-	-
0	-	-	-
0	-	-	-
0	-	-	-
3	1	Sep-15 - Sep-15	-
1	1	Jul-15 - Jul-15	-

(Stamp Duty calculated on Land Value of 10,213,060 inc. GST)

Total Current Costs (exc GST)	Total Current Costs (inc GST)	Total Escalated Cost
928,460	1,021,306	1,021,306
-	-	-
-	-	-
-	-	-
-	-	-
8,356,140	9,191,754	9,191,754
655,404	655,404	655,404
<b>TOTAL</b>	<b>9,940,004</b>	<b>10,868,464</b>

Code	Stage	Other Acquisition Costs (to be entered Exclusive of GST)	% of Land Price exc Tax		AND/OR Lump Amount
			% paid	Amount	
1011	-	Due Diligence	0.50%	46,423	-
1012	-	-	0.00%	-	-
1013	-	-	0.00%	-	-
1014	-	-	0.00%	-	-
1015	-	-	0.00%	-	-

Month Start	Month Span	Cash Flow Period
1	-	Jul-15 - Sep-15
0	-	-
0	-	-
0	-	-
0	-	-

Add GST	Remarks	Total Current Costs (exc GST)	Total Current Costs (inc GST)	Total Escalated Cost
Y		46,423	51,065	51,065
Y		-	-	-
Y		-	-	-
Y		-	-	-
Y		-	-	-
	Manual Input (refer to Cash Flow)	-	-	-
<b>TOTAL</b>		<b>46,423</b>	<b>51,065</b>	<b>51,065</b>

<sup>1</sup> (No GST credit available for Stamp Duty)

<sup>2</sup> Pro-rata with Land Payments ('L')

Cost Escalation

Code	Description	Escalation Rates (Monthly Compounded Escalation) based on Cashflow Period Years commencing									
		Jun-15	Jun-16	Jun-17	Jun-18	Jun-19	Jun-20	Jun-21	Jun-22	Jun-23	Jun-24
	Professional Fees	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
	Construction Costs (Uncategorised)	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
SUB	Basement	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
EMW	Enabling Infrastructure	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
BUI	Built Form	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
LSA	Landscaping and Amenities	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
OT2	Other	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
	Other	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
	Statutory Fees	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
	Miscellaneous	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
	Miscellaneous Costs 3	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
	Land Holding Costs	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
	Selling and Leasing Costs	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
	Finance Costs	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%

Main Inputs for St Leonards South

2000	<b>Project Contingency</b>	-	And / Or	2.00%	of Construction, Professional (exc Development Management), Other, Statutory Fees, Miscellaneous, Miscellaneous Costs 3	TOTAL	830,288								
3000	<b>Professional Fees</b>														
Costs to be entered Exclusive of GST															
Code	Stage	Description	% of Construct. <sup>1</sup>	AND / OR No. Units	Base Rate / Unit	Escalate (E,R,N)	S-Curve	Month Start <sup>2</sup>	Month Span	Cash Flow Period	Add GST	Remarks	Total Current Costs (exc GST)	Total Current Costs (inc GST)	Total Escalated Cost
3001	-	Design and approval	2.00%	-	-	-	-	1	12	Jul-15 - Jun-16	n	Do not escalate if %	687,115	687,115	687,115
3002	-	Consultants	6.00%	-	-	-	-	c	-	Dec-15 - May-18	n		2,061,344	2,061,344	2,061,344
3003	-		0.00%	-	-	-	-	0	-	-	Y		-	-	-
3004	-		0.00%	-	-	-	-	0	-	-	Y		-	-	-
3005	-		0.00%	-	-	-	-	0	-	-	Y		-	-	-
3006	-		0.00%	-	-	-	-	0	-	-	Y		-	-	-
3007	-		0.00%	-	-	-	-	0	-	-	Y		-	-	-
3008	-		0.00%	-	-	-	-	0	-	-	Y		-	-	-
3009	-		0.00%	-	-	-	-	0	-	-	Y		-	-	-
3010	-		0.00%	-	-	-	-	0	-	-	Y		-	-	-
3011	-		0.00%	-	-	-	-	0	-	-	Y		-	-	-
3012	-		0.00%	-	-	-	-	0	-	-	Y		-	-	-
3013	-		0.00%	-	-	-	-	0	-	-	Y		-	-	-
3014	-		0.00%	-	-	-	-	0	-	-	Y		-	-	-
3015	-		0.00%	-	-	-	-	0	-	-	Y		-	-	-
			<sup>1</sup> % Based on Net Costs					<sup>2</sup> Pro-rata with Construction ('C')							
3099	-	Development Management	2.00%	% of Project Costs (inc Land but exc Finance & Tax)	-	-	-	C	-	Dec-15 - May-18	n		989,355	989,355	989,355
			<sup>2</sup> Dev Mgmt Fee: Pro-rata with Construction ('C'), Settlements ('S'), Project Costs inc Land ('P1') or exc Land ('P2')												
												<b>TOTAL</b>	3,737,814	3,737,814	3,737,814
4000	<b>Construction Costs</b>														
Costs to be entered Exclusive of GST															
Code	Stage	Description	Cost Type	Units	Base Rate / Units	Escalate (E,R,N) <sup>1</sup>	S-Curve	Month Start	Month Span	Cash Flow Period	Add GST	Remarks	Total Current Costs (exc GST)	Total Current Costs (inc GST)	Total Escalated Cost
4001	-	Construction	BUI	7,536	3,300	e	s	18	18	Dec-16 - May-18	y	RLB 2014 Over up to 10 storey	24,869,493	27,356,442	28,596,689
4002	-	Basement Parking ( 1.5 per unit)	SUB	116	41,475	e	s	18	18	Dec-16 - May-18	Y	RLB Basement CBD Mid point	4,790,363	5,269,399	5,508,291
4003	-	Landscaping & Amenities	LSA	77	5,000	e	s	18	18	Dec-16 - May-18	Y	Allowance	385,000	423,500	442,700
4004	-	Demolition of 3 houses	-	1	60,000	e	s	6	6	Dec-15 - May-16	Y	we have assumed \$20k for each h	60,000	66,000	66,983
4005	-	Vistor car parking	-	29	41,475	e	s	18	18	Dec-16 - May-18	Y		1,197,591	1,317,350	1,377,073
4006	-		-	-	-	-	-	0	-	-	Y		-	-	-
4007	-		-	-	-	-	-	0	-	-	Y		-	-	-
4008	-		-	-	-	-	-	0	-	-	Y		-	-	-
4009	-		-	-	-	-	-	0	-	-	Y		-	-	-
4010	-		-	-	-	-	-	0	-	-	Y		-	-	-
4011	-		-	-	-	-	-	0	-	-	Y		-	-	-
4012	-		-	-	-	-	-	0	-	-	Y		-	-	-
4013	-		-	-	-	-	-	0	-	-	Y		-	-	-
4014	-		-	-	-	-	-	0	-	-	Y		-	-	-
4015	-		-	-	-	-	-	0	-	-	Y		-	-	-
4016	-		-	-	-	-	-	0	-	-	Y		-	-	-
4017	-		-	-	-	-	-	0	-	-	Y		-	-	-
4018	-		-	-	-	-	-	0	-	-	Y		-	-	-
4019	-		-	-	-	-	-	0	-	-	Y		-	-	-
4025	-		-	-	-	-	-	0	-	-	Y		-	-	-
			<sup>1</sup> Escalation ('N' = no escalation, 'E' = escalation to start period, 'R' = escalation to start period and through span)												
4099	<b>Construction Contingency</b>	-	And / Or	5.00%	of Construction Costs (inc GST)										
												<b>TOTAL</b>	1,565,122	1,721,635	1,799,586
												<b>TOTAL</b>	32,867,568	36,154,325	37,791,302







	<b>Financing</b>								
<b>(Advanced Mode)</b>				<b>General Notes:</b> All Line Fees are paid during period of debt, in arrears All Profit Share is Paid progressively as project makes a profit.					
<b>Equity</b>				<b>Equity Notes:</b> Equity is paying outstanding debt Equity is repaid at project end.					
Developer's Equity Contribution Injected in total upfront.				Fixed Amount	Percentage	Opening Balances			Equity Totals
				-	20.00%				10,607,483
% of Net Cash Flow to be Funded									
10001	Interest Charged on Equity			0.00%	per annum Nominal - Capitalised (Compounded)				-
10002	Interest received on Surplus Cash			0.00%	per annum received in arrears.				-
% of Available Funds to Repay Equity Before Debt				0.00%					
<b>Loan 1</b>				<b>Opening Balances</b>					<b>Loan 1 Totals</b>
Facility Limit				Fixed Amount	Percentage				
Drawn down in total at loan commencement.				-	0.00%	Fixed Amount			-
Month Commencement				Manual	0	Jun-2015			
Maturity Month				Auto	0	N.A.			
10004	Interest Rate			0.00%	per annum Nominal - Capitalised (Compounded)				-
<b>Fees</b>				Amount	Percentage	Month Paid			
Application Fee				-	0.00%	0			
Line Fee				-	0.00%				
Profit Split to Lender 1				0.00%					
<b>Loan 2</b>				<b>Opening Balances</b>					<b>Loan 2 Totals</b>
Facility Limit				Fixed Amount	Percentage				
Drawn down in total at loan commencement.				-	0.00%	Fixed Amount			-
Month Commencement				Auto	0				
Maturity Month				Auto	0	N.A.			
10004	Interest Rate			0.00%	per annum Nominal - Capitalised (Compounded)				-
<b>Fees</b>				Amount	Percentage	Month Paid			
Application Fee				-	0.00%	0			
Line Fee				-	0.00%				
Profit Split to Lender 2				0.00%					
<b>Loan 3</b>				<b>Opening Balances</b>					<b>Loan 3 Totals</b>
Facility Limit				Fixed Amount	Percentage				
Drawn down in total at loan commencement.				-	0.00%	Fixed Amount			-
Month Commencement				Auto	0				
Maturity Month				Auto	0	N.A.			
10004	Interest Rate			0.00%	per annum Nominal - Capitalised (Compounded)				-
<b>Fees</b>				Amount	Percentage	Month Paid			
Application Fee				-	0.00%	0			
Line Fee				-	0.00%				
Profit Split to Lender 3				0.00%					





## Summary of Project Returns



**St Leonards South**



Site A: FSR 4:1

FSR 4.1

<b>Time Span:</b> Jun-15 to Jan-19	<b>Project Size:</b> 77. Apartments
<b>Type:</b> Mixed Use	1 per 21.7 SqM of Site Area
<b>Status:</b> Under Review	<b>Project Size:</b> 7,536.2 GFA
<b>Site Area:</b> 1,671. SqM	1 per 0.22 SqM of Site Area
<b>FSR:</b> 4.1:1	<b>Equated GFA:</b> 6,851.1 SqM

Estate Master Licensed to: HillPDA

				AUD Total	GFA	SqM of Site Area	Total Net Revenue
<b>REVENUE</b>							
	Quantity	SqM	AUD/Quantity	AUD			
<b>Gross Sales Revenue</b>	82	6,406.00	1,020,179.45	83,654,715	11,100	50,063	114.6%
Apartments	82	6,406.00	1,020,179.45	83,654,715			
<b>Less Selling Costs</b>				(3,049,719)	405	1,825	-4.2%
<b>NET SALES REVENUE</b>				80,604,995	10,696	48,238	110.4%

Interest Received	-	-	-	0.0%
Other Income	-	-	-	0.0%
<b>TOTAL REVENUE (before GST paid)</b>				110.4%
Less GST paid on all Revenue			(7,604,974)	-10.4%
<b>TOTAL REVENUE (after GST paid)</b>			<b>73,000,021</b>	<b>100.0%</b>

<b>COSTS</b>							
Land Purchase Cost				10,213,060	1,355	6,112	14.0%
Land Acquisition Costs				706,470	94	423	1.0%
<b>Construction Costs (inc. Contingency)</b>				37,791,302	5,015	22,616	51.8%
Basement				5,508,291	731	3,296	7.5%
Built Form				28,596,669	3,795	17,114	39.2%
Landscaping and Amenities				442,700	59	265	0.6%
Other Construction Costs				1,444,056	192	864	2.0%
Contingency				1,799,586	239	1,077	2.5%
Professional Fees				3,737,814	496	2,237	5.1%
Other				-	-	-	0.0%
Statutory Fees				343,557	46	206	0.5%
Miscellaneous				-	-	-	0.0%
Miscellaneous Costs 3				-	-	-	0.0%
Project Contingency (Reserve)				830,288	110	497	1.1%
Land Holding Costs				699,447	93	419	1.0%
Pre-Sale Commissions				631,088	84	378	0.9%
Finance Charges (inc. Fees)				145,682	19	87	0.2%
Interest Expense				2,533,529	336	1,516	3.5%
<b>TOTAL COSTS (before GST reclaimed)</b>				57,632,236	7,647	34,490	78.9%
Less GST reclaimed				(4,773,153)	633	2,856	-6.5%
Plus Corporate Tax				-	-	-	0.0%
<b>TOTAL COSTS (after GST reclaimed)</b>				<b>52,859,083</b>	<b>7,014</b>	<b>31,633</b>	<b>72.4%</b>

		AUD Per GFA	AUD Per SqM of Site Area
<sup>1</sup> <b>Net Development Profit</b>		20,140,938	2,673
<sup>3</sup> <b>Development Margin (Profit/Risk Margin)</b>	Based on total costs (inc selling costs)	36.02%	
<sup>4</sup> <b>Residual Land Value</b>	Based on Target Margin of 20% (Exclusive of GST)	15,025,917	1,994
<sup>5</sup> <b>Net Present Value</b>	Based on Discount Rate of 18% p.a. Effective	5,635,514	
<sup>6</sup> <b>Benefit Cost Ratio</b>		1.1495	
<sup>7</sup> <b>Project Internal Rate of Return (IRR)</b>	Per annum Effective	29.22%	
<sup>8</sup> <b>Residual Land Value</b>	Based on NPV (Exclusive of GST)	14,598,160	1,937
Equity IRR	Per annum Effective	34.58%	
Equity Contribution		10,607,483	
Peak Debt Exposure		43,048,386	
Equity to Debt Ratio		25.50%	
<sup>9</sup> <b>Weighted Average Cost of Capital (WACC)</b>		9.92%	
<sup>10</sup> <b>Breakeven Date for Cumulative Cash Flow</b>	Month 38	Aug-2018	

**Footnotes:**

1. Development Profit: is total revenue less total cost including interest paid and received
2. Note: No redistribution of Developer's Gross Profit
3. Development Margin: is profit divided by total costs (inc selling costs)
4. Residual Land Value: is the maximum purchase price for the land whilst achieving the target development margin.
5. Net Present Value: is the project's cash flow stream discounted to present value. It includes financing costs but excludes interest and corp tax.
6. Benefit:Cost Ratio: is the ratio of discounted incomes to discounted costs and includes financing costs but excludes interest and corp tax.
7. Internal Rate of Return: is the discount rate where the NPV above equals Zero.
8. Residual Land Value (based on NPV): is the purchase price for the land to achieve a zero NPV.
9. The Weighted Average Cost of Capital (WACC) is the rate that a company is expected to pay to finance its assets.
10. Breakeven date for Cumulative Cash Flow: is the last date when total debt and equity is repaid (ie when profit is realised).

## Summary of Project Returns



**St Leonards South**



Site A: FSR 4:1

FSR 4.1

<b>Time Span:</b> Jun-15 to Jan-19	<b>Project Size:</b> 77. Apartments 1 per 21.7 SqM of Site Area
<b>Type:</b> Mixed Use	<b>Project Size:</b> 7,536.2 GFA 1 per 0.22 SqM of Site Area
<b>Status:</b> Under Review	<b>Equated GFA:</b> 6,851.1 SqM
<b>Site Area:</b> 1,671. SqM	
<b>FSR:</b> 4.1:1	

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RETURNS ON FUNDS INVESTED	Developer's Equity	Loan 4 Debt <small>Lender Name</small>	Total Equity	Total Debt
<sup>1</sup> Funds Invested (Cash Outlay)	10,607,483	41,603,441	10,607,483	41,603,441
% of Total Funds Invested	20.32%	79.68%	20.32%	79.68%
<sup>2</sup> Peak Exposure	10,607,483	43,048,386	10,607,483	43,048,386
Date of Peak Exposure	Jun-15	May-18	Jun-15	May-18
Month of Peak Exposure	Month 0	Month 35	Month 0	Month 35
Weighted Average Interest Rate	N.A.	7.35%	N.A.	7.35%
Interest Charged	-	2,533,529	-	2,533,529
Line Fees Charged	-	-	-	-
Application Fees Charged	-	-	-	-
Profit Share Received	-	-	-	-
<sup>3</sup> Total Profit to Funders	20,140,938	2,533,529	20,140,938	2,533,529
<sup>4</sup> Margin on Funds Invested	189.87%	6.09%	189.87%	6.09%
<sup>5</sup> Payback Date	Jan-19	Jul-18	Jan-19	Jul-18
Month of Payback	Month 43	Month 37	Month 43	Month 37
<sup>6</sup> IRR on Funds Invested	34.58%	7.60%	34.58%	7.60%
<sup>7</sup> Equity to Debt Ratio	-	25.50%	-	25.50%
<sup>8</sup> Loan to Value Ratio	12.68%	51.46%	12.68%	51.46%
<sup>9</sup> Loan Ratio	20.07%	83.50%	20.07%	83.50%
	<small>of Project &amp; Finance Costs (incl. Interest Fees)</small>	<small>of Project &amp; Finance Costs (incl. Interest Fees)</small>	<small>of Project &amp; Finance Costs (incl. Interest Fees)</small>	<small>of Project &amp; Finance Costs (incl. Interest Fees)</small>

**Footnotes:**

1. The total amount of funding injected into the project cash flow.
2. The maximum cash flow exposure of that equity/debt facility including capitalised interest.
3. The total repayments less funds invested, including profit share paid or received.
4. Margin is net profit divided by total funds invested (cash outlay).
5. Payback date for the equity/debt facility is the last date when total equity/debt is repaid.
6. IRR on Funds Invested is the IRR of the equity cash flow including the return of equity and realisation of project profits.
7. Equity to Debt Ratio is the amount of equity contributed into the project as a percentage of debt funding.
8. Loan to Value ratio is the Peak Equity/Debt Exposure divided by Total Sales Revenue.
9. Loan Ratio is the total funds invested by the lender (cash outlay) divided by the nominated ratio calculation method. It includes capitalised interest and fees.

## Appendix H: SITE B FEASIBILITY

# Development Feasibility Model

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**C14291**  
**St Leonards South**  
Site B: FSR 2:1  
FSR 2:1

<b>Date of Report :</b>	27-Feb-2015	<b>Project Size :</b>	35. Apartments
<b>Time Span :</b>	Jun-15 to Sep-18		1 per 43.69 SqM of Site Area
<b>Type :</b>	Mixed Use	<b>Project Size :</b>	3,363.8 GFA
<b>Status :</b>	Under Review		1 per 0.45 SqM of Site Area
<b>Site Area :</b>	1,529. SqM	<b>FSR :</b>	2:1
		<b>Equated GFA :</b>	3,058.0 SqM
<b>Prepared By :</b>	Report Prepared By	<b>Address :</b>	Address
<b>Prepared For :</b>	Report Prepared For		City/Suburb
<b>Developer :</b>	Enter Developer Name		State/County
			Country

## Disclaimer

1. This report and its attached appendices are based on estimates, assumptions and information provided by the Client or sourced and referenced from external sources by Hill PDA. While we endeavour to check these estimates, assumptions and information, no warranty is given in relation to their reliability, feasibility, accuracy or reasonableness. Hill PDA presents these estimates and assumptions as a basis for the Client's interpretation and analysis. With respect to forecasts, Hill PDA does not present them as results that will actually be achieved. Hill PDA relies upon the interpretation of the Client to judge for itself the likelihood of whether these projections can be achieved or not.

2. Due care has been taken to prepare the attached financial models from available information at the time of writing, however no responsibility can be or is accepted for errors or inaccuracies that may have occurred either with the programming or the resultant financial projections and their assumptions.

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Version 5.32 February 2015



**Preliminary**

Cash Flow Title	Site B: FSR 2:1	Description of Option/Stage	FSR 2:1
Date of First Period:	Jun-2015		
Cash Flow Rest Period:	Monthly		
Enter Project Size (a)	35.0	Apartments	
Enter Project Size (b)	3,363.8	GFA	
Enter Site Area	1,529.0	SqM	Floor Space Ratio 2:1

Equated Gross Floor Area= 3,058.0 SqM

Type	Mixed Use
Status	Under Review

**Goods and Services Tax**

(Using General Tax Rule)

Developer	Credits Reclaimed every 2 months from January	Liability Paid every 2 months from January	Liability on Sales All Paid by Developer
Goods and Services Tax Rate	10.00%		

All Project Costs	To be entered Exclusive of GST
Rental Income & Leasing Costs	To be entered Exclusive of GST
Sales Revenue	To be entered Inclusive of GST
Other Income	To be entered Exclusive of GST

**1000 Land Purchase & Acquisition Costs**

Costs to be entered Exclusive of GST

Land Purchase Price	8,099,000
---------------------	-----------

Code	Stage	Description	% of Land Purchase Price		AND/OR Lump Amount
			% paid	Amount	
1002	-	Deposit in Trust Account <sup>1</sup>	10.00%	809,900	-
1003	-	Payment 1	0.00%	-	-
1004	-	Payment 2	0.00%	-	-
1005	-	Payment 3	0.00%	-	-
1006	-	Payment 4	0.00%	-	-
1007	-	Settlement (Balance)	90.00%	-	7,289,100
1008	-	Stamp Duty <sup>1</sup>	NSW	-	564,113
		Interest on Deposit in Trust Account	0.00%	-	-
		Profit Share to Land Owner	0.00%	-	-

Interest from deposit shared between parties  
Paid progressively as project makes a profit.

Month Start	Month Span	Cash Flow Period	Add GST on Land Price? <input checked="" type="checkbox"/>
1	1	Jul-15 - Jul-15	Reclaim Proportionally with Land Payments
0	-	-	
0	-	-	
0	-	-	
0	-	-	
3	1	Sep-15 - Sep-15	
1	1	Jul-15 - Jul-15	(Stamp Duty calculated on Land Value of 8,908,900 inc. GST)

Total Current Costs (exc GST)	Total Current Costs (inc GST)	Total Escalated Cost
809,900	890,890	890,890
-	-	-
-	-	-
-	-	-
-	-	-
7,289,100	8,018,010	8,018,010
Stamp Duty 564,113	564,113	564,113
<b>TOTAL</b>	<b>8,663,113</b>	<b>9,473,013</b>

Code	Stage	Other Acquisition Costs (to be entered Exclusive of GST)	% of Land Price exc Tax		AND/OR Lump Amount
			% paid	Amount	
1011	-	Due Diligence	0.50%	40,495	-
1012	-	-	0.00%	-	-
1013	-	-	0.00%	-	-
1014	-	-	0.00%	-	-
1015	-	-	0.00%	-	-

Month Start	Month Span	Cash Flow Period
1	-	Jul-15 - Sep-15
0	-	-
0	-	-
0	-	-
0	-	-

Add GST	Remarks	Total Current Costs (exc GST)	Total Current Costs (inc GST)	Total Escalated Cost
Y		40,495	44,545	44,545
Y		-	-	-
Y		-	-	-
Y		-	-	-
Y	Manual Input (refer to Cash Flow)	-	-	-
<b>TOTAL</b>		<b>40,495</b>	<b>44,545</b>	<b>44,545</b>

<sup>1</sup> (No GST credit available for Stamp Duty)

<sup>2</sup> Pro-rata with Land Payments ('L')

**Cost Escalation**

Code	Description	Escalation Rates (Monthly Compounded Escalation) based on Cashflow Period Years commencing									
		Jun-15	Jun-16	Jun-17	Jun-18	Jun-19	Jun-20	Jun-21	Jun-22	Jun-23	Jun-24
	Professional Fees	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
	Construction Costs (Uncategorised)	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
SUB	Basement	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
EMW	Enabling Infrastructure	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
BUI	Built Form	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
LSA	Landscaping and Amenities	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
DEM	Demolition	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
	Other	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
	Statutory Fees	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
	Miscellaneous	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
	Miscellaneous Costs 3	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
	Land Holding Costs	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
	Selling and Leasing Costs	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
	Finance Costs	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%

Main Inputs for St Leonards South

2000	<b>Project Contingency</b>	-	And / Or	2.00%	of Construction, Professional (exc Development Management), Other, Statutory Fees, Miscellaneous, Miscellaneous Costs 3	TOTAL	345,908											
3000	<b>Professional Fees</b>																	
Costs to be entered Exclusive of GST																		
Code	Stage	Description	% of Construct. <sup>1</sup>	AND / OR No. Units	Base Rate / Unit	Escalate (E,R,N)	S-Curve	Month Start <sup>2</sup>	Month Span	Cash Flow Period	Add GST	Remarks	Total Current Costs (exc GST)	Total Current Costs (inc GST)	Total Escalated Cost			
3001	-	Design and approval	2.00%	-	-	-	-	1	12	Jul-15 - Jun-16	n	Do not escalate if %	286,415	286,415	286,415			
3002	-	Consultants	6.00%	-	-	-	-	c	-	Jun-16 - Jan-18	n		859,246	859,246	859,246			
3003	-		0.00%	-	-	-	-	0	-		y		-	-	-			
3004	-		0.00%	-	-	-	-	0	-		y		-	-	-			
3005	-		0.00%	-	-	-	-	0	-		y		-	-	-			
3006	-		0.00%	-	-	-	-	0	-		y		-	-	-			
3007	-		0.00%	-	-	-	-	0	-		y		-	-	-			
3008	-		0.00%	-	-	-	-	0	-		y		-	-	-			
3009	-		0.00%	-	-	-	-	0	-		y		-	-	-			
3010	-		0.00%	-	-	-	-	0	-		y		-	-	-			
3011	-		0.00%	-	-	-	-	0	-		y		-	-	-			
3012	-		0.00%	-	-	-	-	0	-		y		-	-	-			
3013	-		0.00%	-	-	-	-	0	-		y		-	-	-			
3014	-		0.00%	-	-	-	-	0	-		y		-	-	-			
3015	-		0.00%	-	-	-	-	0	-		y		-	-	-			
			<sup>1</sup> % Based on Net Costs					<sup>2</sup> Pro-rata with Construction ('C')										
3099	-	Development Management	2.00%	% of Project Costs (inc Land but exc Finance & Tax)	-	-	-	C	-	Jun-16 - Jan-18	n		507,451	507,451	507,451			
			<sup>2</sup> Dev Mgmt Fee: Pro-rata with Construction ('C'), Settlements ('S'), Project Costs inc Land ('P1') or exc Land ('P2')															
													<b>TOTAL</b>	1,653,112	1,653,112	1,653,112		
4000	<b>Construction Costs</b>																	
Costs to be entered Exclusive of GST																		
Code	Stage	Description	Cost Type	Units	Base Rate / Units	Escalate (E,R,N) <sup>1</sup>	S-Curve	Month Start	Month Span	Cash Flow Period	Add GST	Remarks	Total Current Costs (exc GST)	Total Current Costs (inc GST)	Total Escalated Cost			
4001	-	Construction	BUI	3,364	3,000	e	s	18	14	Dec-16 - Jan-18	y	RLB 2014 Over up to 10 sotrey	10,091,400	11,100,540	11,603,792			
4002	-	Basement Parking ( 1.5 per unit)	SUB	53	41,475	e	s	18	14	Dec-16 - Jan-18	y	RLB Basement CBD Mid point	2,177,438	2,395,181	2,503,769			
4003	-	Landscaping & Amenities	LSA	35	5,000	e	s	18	14	Dec-16 - Jan-18	y	Allowance	175,000	192,500	201,227			
4004	-	Demolition	DEM	1	60,000	e	s	12	6	Jun-16 - Nov-16	y	we have assumed \$20k for 3 hous	60,000	66,000	67,980			
4005	-	Visitor parking (1 per 4 units)	sub	13	41,475	e	s	18	14	Dec-16 - Jan-18	y		544,359	598,795	625,942			
4006	-		-	-	-	-	-	0	-		y		-	-	-			
4007	-		-	-	-	-	-	0	-		y		-	-	-			
4008	-		-	-	-	-	-	0	-		y		-	-	-			
4009	-		-	-	-	-	-	0	-		y		-	-	-			
4010	-		-	-	-	-	-	0	-		y		-	-	-			
4011	-		-	-	-	-	-	0	-		y		-	-	-			
4012	-		-	-	-	-	-	0	-		y		-	-	-			
4013	-		-	-	-	-	-	0	-		y		-	-	-			
4014	-		-	-	-	-	-	0	-		y		-	-	-			
4015	-		-	-	-	-	-	0	-		y		-	-	-			
4016	-		-	-	-	-	-	0	-		y		-	-	-			
4017	-		-	-	-	-	-	0	-		y		-	-	-			
4018	-		-	-	-	-	-	0	-		y		-	-	-			
4019	-		-	-	-	-	-	0	-		y		-	-	-			
4025	-		-	-	-	-	-	0	-		y		-	-	-			
			<sup>1</sup> Escalation ('N' = no escalation, 'E' = escalation to start period, 'R' = escalation to start period and through span)															
4099	<b>Construction Contingency</b>	-	And / Or	5.00%	of Construction Costs (inc GST)											652,410	717,651	750,136
													<b>TOTAL</b>	13,700,607	15,070,667	15,752,846		









	<b>Financing</b>							
10000	<b>(Advanced Mode)</b>				<b>General Notes:</b> All Line Fees are paid during period of debt, in arrears All Profit Share is Paid progressively as project makes a profit.	<b>Opening Balances</b>		<b>Equity Totals</b>
	<b>Equity</b>				<b>Equity Notes:</b> Equity is paying outstanding debt Equity is repaid at project end.			
	Developer's Equity Contribution Injected in total upfront.	Fixed Amount	Percentage	% of Net Cash Flow to be Funded			Developer's Injections	5,481,234
		-	20.00%					
10001	Interest Charged on Equity	0.00%	per annum Nominal - Capitalised (Compounded)			-	Interest Charged	-
10002	Interest received on Surplus Cash	0.00%	per annum received in arrears.			-	Interest Received	-
	% of Available Funds to Repay Equity Before Debt	0.00%						
<hr/>								
10000	<b>Loan 1</b>							
	<b>(Advanced Mode)</b>				<b>General Notes:</b> All Line Fees are paid during period of debt, in arrears All Profit Share is Paid progressively as project makes a profit.	<b>Opening Balances</b>		<b>Loan 1 Totals</b>
	<b>Facility Limit</b>							
	Draw down in total at loan commencement.	Fixed Amount	Percentage	Fixed Amount			Drawdown	-
		-	0.00%					
	<b>Month Commencement</b>							
	Manual	0	Jun-2015					
	Auto	0	N.A.					
10004	Interest Rate	0.00%	per annum Nominal - Capitalised (Compounded)			-	Interest Charged	-
10005	<b>Fees</b>							
	Application Fee	-	0.00%	0		-	Application Fees	-
	Line Fee	-	0.00%			-	Line Fees	-
	Profit Split to Lender 1						Profit Split	-
		0.00%						
<hr/>								
10000	<b>Loan 2</b>							
	<b>(Advanced Mode)</b>				<b>General Notes:</b> All Line Fees are paid during period of debt, in arrears All Profit Share is Paid progressively as project makes a profit.	<b>Opening Balances</b>		<b>Loan 2 Totals</b>
	<b>Facility Limit</b>							
	Draw down in total at loan commencement.	Fixed Amount	Percentage	Fixed Amount			Drawdown	-
		-	0.00%					
	<b>Month Commencement</b>							
	Auto	0						
	Auto	0	N.A.					
10004	Interest Rate	0.00%	per annum Nominal - Capitalised (Compounded)			-	Interest Charged	-
10005	<b>Fees</b>							
	Application Fee	-	0.00%	0		-	Application Fees	-
	Line Fee	-	0.00%			-	Line Fees	-
	Profit Split to Lender 2						Profit Split	-
		0.00%						
<hr/>								
10000	<b>Loan 3</b>							
	<b>(Advanced Mode)</b>				<b>General Notes:</b> All Line Fees are paid during period of debt, in arrears All Profit Share is Paid progressively as project makes a profit.	<b>Opening Balances</b>		<b>Loan 3 Totals</b>
	<b>Facility Limit</b>							
	Draw down in total at loan commencement.	Fixed Amount	Percentage	Fixed Amount			Drawdown	-
		-	0.00%					
	<b>Month Commencement</b>							
	Auto	0						
	Auto	0	N.A.					
10004	Interest Rate	0.00%	per annum Nominal - Capitalised (Compounded)			-	Interest Charged	-
10005	<b>Fees</b>							
	Application Fee	-	0.00%	0		-	Application Fees	-
	Line Fee	-	0.00%			-	Line Fees	-
	Profit Split to Lender 3						Profit Split	-
		0.00%						



## Summary of Project Returns



**St Leonards South**



Site B: FSR 2:1

FSR 2:1

<b>Time Span:</b> Jun-15 to Sep-18	<b>Project Size:</b> 35. Apartments
<b>Type:</b> Mixed Use	1 per 43.89 SqM of Site Area
<b>Status:</b> Under Review	<b>Project Size:</b> 3,363.8 GFA
<b>Site Area:</b> 1,529. SqM	1 per 0.45 SqM of Site Area
<b>FSR:</b> 2:1	<b>Equated GFA:</b> 3,058.0 SqM

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				AUD Total	GFA	SqM of Site Area	Total Net Revenue
<b>REVENUE</b>							
	Quantity	SqM	AUD/Quantity	AUD			
<b>Gross Sales Revenue</b>	-	2,692.00	-	32,700,961	9,721	21,387	114.6%
Apartments	-	2,692.00	-	32,700,961			
<b>Less Selling Costs</b>				(1,185,170)	352	775	-4.2%
<b>NET SALES REVENUE</b>				31,515,791	9,369	20,612	110.4%

Interest Received	-	-	-	-	-	-	0.0%
Other Income	-	-	-	-	-	-	0.0%
<b>TOTAL REVENUE (before GST paid)</b>				31,515,791	9,369	20,612	110.4%
Less GST paid on all Revenue				(2,972,815)	884	1,944	-10.4%
<b>TOTAL REVENUE (after GST paid)</b>				<b>28,542,977</b>	<b>8,485</b>	<b>18,668</b>	<b>100.0%</b>

<b>COSTS</b>							
Land Purchase Cost				8,908,900	2,648	5,827	31.2%
Land Acquisition Costs				608,658	181	398	2.1%
<b>Construction Costs (inc. Contingency)</b>				<b>15,752,846</b>	<b>4,683</b>	<b>10,303</b>	<b>55.2%</b>
Basement				3,129,711	930	2,047	11.0%
Built Form				11,603,792	3,450	7,589	40.7%
Landscaping and Amenities				201,227	60	132	0.7%
Demolition				67,980	20	44	0.2%
Contingency				750,136	223	491	2.6%
Professional Fees				1,653,112	491	1,081	5.8%
Other				-	-	-	0.0%
Statutory Fees				143,208	43	94	0.5%
Miscellaneous				-	-	-	0.0%
Miscellaneous Costs 3				-	-	-	0.0%
Project Contingency (Reserve)				345,908	103	226	1.2%
Land Holding Costs				511,874	152	335	1.8%
Pre-Sale Commissions				253,672	75	166	0.9%
Finance Charges (inc. Fees)				75,842	23	50	0.3%
Interest Expense				1,607,346	478	1,051	5.6%
<b>TOTAL COSTS (before GST reclaimed)</b>				<b>29,861,365</b>	<b>8,877</b>	<b>19,530</b>	<b>104.6%</b>
Less GST reclaimed				(2,405,933)	715	1,574	-8.4%
Plus Corporate Tax				-	-	-	0.0%
<b>TOTAL COSTS (after GST reclaimed)</b>				<b>27,455,432</b>	<b>8,162</b>	<b>17,956</b>	<b>96.2%</b>

<b>PERFORMANCE INDICATORS</b>				AUD Per GFA	AUD Per SqM of Site Area
<sup>1</sup> Net Development Profit			<b>1,087,544</b>	323	711
<sup>3</sup> Development Margin (Profit/Risk Margin)	Based on total costs (inc selling costs)		<b>3.80%</b>		
<sup>4</sup> Residual Land Value	Based on Target Margin of 20% (Exclusive of GST)		5,078,675	1,510	3,322
<sup>5</sup> Net Present Value	Based on Discount Rate of 18% p.a. Effective		<b>(2,782,822)</b>		
<sup>6</sup> Benefit Cost Ratio			0.8656		
<sup>7</sup> Project Internal Rate of Return (IRR)	Per annum Effective		<b>7.20%</b>		
<sup>8</sup> Residual Land Value	Based on NPV (Exclusive of GST)		5,476,304	1,628	3,582
Equity IRR	Per annum Effective		5.73%		
Equity Contribution			5,481,234		
Peak Debt Exposure			22,260,564		
Equity to Debt Ratio			25.30%		
<sup>9</sup> Weighted Average Cost of Capital (WACC)			9.90%		
<sup>10</sup> Breakeven Date for Cumulative Cash Flow	Month 37		Jul-2018		

**Footnotes:**

1. Development Profit: is total revenue less total cost including interest paid and received
2. Note: No redistribution of Developer's Gross Profit
3. Development Margin: is profit divided by total costs (inc selling costs)
4. Residual Land Value: is the maximum purchase price for the land whilst achieving the target development margin.
5. Net Present Value: is the project's cash flow stream discounted to present value. It includes financing costs but excludes interest and corp tax.
6. Benefit:Cost Ratio: is the ratio of discounted incomes to discounted costs and includes financing costs but excludes interest and corp tax.
7. Internal Rate of Return: is the discount rate where the NPV above equals Zero.
8. Residual Land Value (based on NPV): is the purchase price for the land to achieve a zero NPV.
9. The Weighted Average Cost of Capital (WACC) is the rate that a company is expected to pay to finance its assets.
10. Breakeven date for Cumulative Cash Flow: is the last date when total debt and equity is repaid (ie when profit is realised).

## Summary of Project Returns



**St Leonards South**

Site B: FSR 2:1

FSR 2:1



<b>Time Span:</b> Jun-15 to Sep-18	<b>Project Size:</b> 35 Apartments <small>1 per 43.89 SqM of Site Area</small>
<b>Type:</b> Mixed Use	<b>Project Size:</b> 3,363.8 GFA <small>1 per 0.45 SqM of Site Area</small>
<b>Status:</b> Under Review	<b>Equated GFA:</b> 3,058.0 SqM
<b>Site Area:</b> 1,529. SqM	
<b>FSR:</b> 2:1	

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RETURNS ON FUNDS INVESTED	Developer's Equity	Loan 4 Debt <small>Lender Name</small>	Total Equity	Total Debt
<sup>1</sup> Funds Invested (Cash Outlay)	5,481,234	21,668,994	5,481,234	21,668,994
% of Total Funds Invested	20.19%	79.81%	20.19%	79.81%
<sup>2</sup> Peak Exposure	5,481,234	22,260,564	5,481,234	22,260,564
Date of Peak Exposure	Jun-15	Jan-18	Jun-15	Jan-18
Month of Peak Exposure	Month 0	Month 31	Month 0	Month 31
Weighted Average Interest Rate	N.A.	7.35%	N.A.	7.35%
Interest Charged	-	1,607,346	-	1,607,346
Line Fees Charged	-	-	-	-
Application Fees Charged	-	-	-	-
Profit Share Received	-	-	-	-
<sup>3</sup> Total Profit to Funders	1,087,544	1,607,346	1,087,544	1,607,346
<sup>4</sup> Margin on Funds Invested	19.84%	7.42%	19.84%	7.42%
<sup>5</sup> Payback Date	Sep-18	Apr-18	Sep-18	Apr-18
Month of Payback	Month 39	Month 34	Month 39	Month 34
<sup>6</sup> IRR on Funds Invested	5.73%	7.60%	5.73%	7.60%
<sup>7</sup> Equity to Debt Ratio	-	25.30%	-	25.30%
<sup>8</sup> Loan to Value Ratio	16.76%	68.07%	16.76%	68.07%
<sup>9</sup> Loan Ratio	19.96%	84.78%	19.96%	84.78%
	<small>of Project &amp; Finance Costs (incl. Interest Fees)</small>	<small>of Project &amp; Finance Costs (incl. Interest Fees)</small>	<small>of Project &amp; Finance Costs (incl. Interest Fees)</small>	<small>of Project &amp; Finance Costs (incl. Interest Fees)</small>

**Footnotes:**

1. The total amount of funding injected into the project cash flow.
2. The maximum cash flow exposure of that equity/debt facility including capitalised interest.
3. The total repayments less funds invested, including profit share paid or received.
4. Margin is net profit divided by total funds invested (cash outlay).
5. Payback date for the equity/debt facility is the last date when total equity/debt is repaid.
6. IRR on Funds Invested is the IRR of the equity cash flow including the return of equity and realisation of project profits.
7. Equity to Debt Ratio is the amount of equity contributed into the project as a percentage of debt funding.
8. Loan to Value ratio is the Peak Equity/Debt Exposure divided by Total Sales Revenue.
9. Loan Ratio is the total funds invested by the lender (cash outlay) divided by the nominated ratio calculation method. It includes capitalised interest and fees.

## Appendix I: SITE C FEASIBILITY





# Development Feasibility Model

Estate Master Licensed to: HillPDA



**C14291**  
**St Leonards South**  
Site C: FSR 2:1  
FSR 2:1

<b>Date of Report :</b>	27-Feb-2015	<b>Project Size :</b>	37. Apartments
<b>Time Span :</b>	Jun-15 to Sep-18		1 per 44.51 SqM of Site Area
<b>Type :</b>	Mixed Use	<b>Project Size :</b>	3,623.4 GFA
<b>Status :</b>	Under Review		1 per 0.45 SqM of Site Area
<b>Site Area :</b>	1,647. SqM	<b>FSR :</b>	2:1
		<b>Equated GFA :</b>	3,294.0 SqM
<b>Prepared By :</b>	Report Prepared By	<b>Address :</b>	Address
<b>Prepared For :</b>	Report Prepared For		City/Suburb
<b>Developer :</b>	Enter Developer Name		State/County
			Country

## Disclaimer

1. This report and its attached appendices are based on estimates, assumptions and information provided by the Client or sourced and referenced from external sources by Hill PDA. While we endeavour to check these estimates, assumptions and information, no warranty is given in relation to their reliability, feasibility, accuracy or reasonableness. Hill PDA presents these estimates and assumptions as a basis for the Client's interpretation and analysis. With respect to forecasts, Hill PDA does not present them as results that will actually be achieved. Hill PDA relies upon the interpretation of the Client to judge for itself the likelihood of whether these projections can be achieved or not.

2. Due care has been taken to prepare the attached financial models from available information at the time of writing, however no responsibility can be or is accepted for errors or inaccuracies that may have occurred either with the programming or the resultant financial projections and their assumptions.

Main Inputs for St Leonards South

Estate Master Licensed to: HillPDA

Version 5.32 February 2015



Preliminary

Cash Flow Title	Site C: FSR 2:1	Description of Option/Stage	FSR 2:1
Date of First Period:	Jun-2015		
Cash Flow Rest Period:	Monthly		
Enter Project Size (a)	37.0	Apartments	
Enter Project Size (b)	3,623.4	GFA	
Enter Site Area	1,647.0	SqM	Floor Space Ratio 2:1

Equated Gross Floor Area= 3,294.0 SqM

Type	Mixed Use
Status	Under Review

Goods and Services Tax

(Using General Tax Rule)

Developer	Credits Reclaimed every 2 months from January	Liability Paid every 2 months from January	Liability on Sales All Paid by Developer
Goods and Services Tax Rate	10.00%		

All Project Costs	To be entered Exclusive of GST
Rental Income & Leasing Costs	To be entered Exclusive of GST
Sales Revenue	To be entered Inclusive of GST
Other Income	To be entered Exclusive of GST

1000 Land Purchase & Acquisition Costs

Costs to be entered Exclusive of GST

Land Purchase Price	8,159,750
---------------------	-----------

Code	Stage	Description	% of Land Purchase Price		AND/OR Lump Amount
			% paid	Amount	
1002	-	Deposit in Trust Account <sup>1</sup>	10.00%	815,975	-
1003	-	Payment 1	0.00%	-	-
1004	-	Payment 2	0.00%	-	-
1005	-	Payment 3	0.00%	-	-
1006	-	Payment 4	0.00%	-	-
1007	-	Settlement (Balance)	90.00%	-	7,343,775
1008	-	Stamp Duty <sup>1</sup>	NSW	-	568,791
		Interest on Deposit in Trust Account	0.00%	-	-
		Profit Share to Land Owner	0.00%	-	-

Interest from deposit shared between parties  
Paid progressively as project makes a profit.

Month Start	Month Span	Cash Flow Period	Add GST on Land Price? <input checked="" type="checkbox"/>
1	1	Jul-15 - Jul-15	Reclaim Proportionally with Land Payments
0	-	-	
0	-	-	
0	-	-	
0	-	-	
3	1	Sep-15 - Sep-15	
1	1	Jul-15 - Jul-15	(Stamp Duty calculated on Land Value of 8,975,725 inc. GST)

Total Current Costs (exc GST)	Total Current Costs (inc GST)	Total Escalated Cost
815,975	897,573	897,573
-	-	-
-	-	-
-	-	-
-	-	-
7,343,775	8,078,153	8,078,153
568,791	568,791	568,791
<b>TOTAL</b>	<b>9,544,516</b>	<b>9,544,516</b>

Code	Stage	Other Acquisition Costs (to be entered Exclusive of GST)	% of Land Price exc Tax		AND/OR Lump Amount
			% paid	Amount	
1011	-	Due Diligence	0.50%	40,799	-
1012	-	-	0.00%	-	-
1013	-	-	0.00%	-	-
1014	-	-	0.00%	-	-
1015	-	-	0.00%	-	-

Month Start	Month Span	Cash Flow Period
1	-	Jul-15 - Sep-15
0	-	-
0	-	-
0	-	-
0	-	-

Add GST	Remarks	Total Current Costs (exc GST)	Total Current Costs (inc GST)	Total Escalated Cost
Y		40,799	44,879	44,879
Y		-	-	-
Y		-	-	-
Y		-	-	-
Y		-	-	-
	Manual Input (refer to Cash Flow)	-	-	-
<b>TOTAL</b>		<b>40,799</b>	<b>44,879</b>	<b>44,879</b>

<sup>1</sup> (No GST credit available for Stamp Duty)

<sup>2</sup> Pro-rata with Land Payments ('L')

Cost Escalation

Code	Description	Escalation Rates (Monthly Compounded Escalation) based on Cashflow Period Years commencing									
		Jun-15	Jun-16	Jun-17	Jun-18	Jun-19	Jun-20	Jun-21	Jun-22	Jun-23	Jun-24
	Professional Fees	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
	Construction Costs (Uncategorised)	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
SUB	Basement	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
EMW	Enabling Infrastructure	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
BUI	Built Form	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
LSA	Landscaping and Amenities	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
OT2	Other	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
	Other	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
	Statutory Fees	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
	Miscellaneous	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
	Miscellaneous Costs 3	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
	Land Holding Costs	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
	Selling and Leasing Costs	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
	Finance Costs	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%

Main Inputs for St Leonards South

2000	<b>Project Contingency</b>	-	And / Or	2.00%	of Construction, Professional (exc Development Management), Other, Statutory Fees, Miscellaneous, Miscellaneous Costs 3	TOTAL	370,942											
3000	<b>Professional Fees</b>																	
Costs to be entered Exclusive of GST																		
Code	Stage	Description	% of Construct. <sup>1</sup>	AND / OR No. Units	Base Rate / Unit	Escalate (E,R,N)	S-Curve	Month Start <sup>2</sup>	Month Span	Cash Flow Period	Add GST	Remarks	Total Current Costs (exc GST)	Total Current Costs (inc GST)	Total Escalated Cost			
3001	-	Design and approval	2.00%	-	-	-	-	1	12	Jul-15 - Jun-16	n	Do not escalate if %	307,126	307,126	307,126			
3002	-	Consultants	6.00%	-	-	-	-	c	-	Dec-15 - Jan-18	n		921,379	921,379	921,379			
3003	-		0.00%	-	-	-	-	0	-	-	y		-	-	-			
3004	-		0.00%	-	-	-	-	0	-	-	y		-	-	-			
3005	-		0.00%	-	-	-	-	0	-	-	y		-	-	-			
3006	-		0.00%	-	-	-	-	0	-	-	y		-	-	-			
3007	-		0.00%	-	-	-	-	0	-	-	y		-	-	-			
3008	-		0.00%	-	-	-	-	0	-	-	y		-	-	-			
3009	-		0.00%	-	-	-	-	0	-	-	y		-	-	-			
3010	-		0.00%	-	-	-	-	0	-	-	y		-	-	-			
3011	-		0.00%	-	-	-	-	0	-	-	y		-	-	-			
3012	-		0.00%	-	-	-	-	0	-	-	y		-	-	-			
3013	-		0.00%	-	-	-	-	0	-	-	y		-	-	-			
3014	-		0.00%	-	-	-	-	0	-	-	y		-	-	-			
3015	-		0.00%	-	-	-	-	0	-	-	y		-	-	-			
			<sup>1</sup> % Based on Net Costs					<sup>2</sup> Pro-rata with Construction ('C')										
3099	-	Development Management	2.00%	% of Project Costs (inc Land but exc Finance & Tax)	-	-	-	C	-	Dec-15 - Jan-18	n		532,240	532,240	532,240			
			<sup>2</sup> Dev Mgmt Fee: Pro-rata with Construction ('C'), Settlements ('S'), Project Costs inc Land ('P1') or exc Land ('P2')															
													<b>TOTAL</b>	1,760,745	1,760,745	1,760,745		
4000	<b>Construction Costs</b>																	
Costs to be entered Exclusive of GST																		
Code	Stage	Description	Cost Type	Units	Base Rate / Units	Escalate (E,R,N) <sup>1</sup>	S-Curve	Month Start	Month Span	Cash Flow Period	Add GST	Remarks	Total Current Costs (exc GST)	Total Current Costs (inc GST)	Total Escalated Cost			
4001	-	Construction	BUI	3,623	3,000	e	s	18	14	Dec-16 - Jan-18	y	RLB 2014 Over up to 10 sotrey	10,870,200	11,957,220	12,499,311			
4002	-	Basement Parking - units (1.5 per unit)	SUB	56	41,475	e	s	18	14	Dec-16 - Jan-18	y	RLB Basement CBD Mid point	2,301,863	2,532,049	2,646,841			
4003	-	Landscaping & Amenities	LSA	37	5,000	e	s	18	14	Dec-16 - Jan-18	y	Allowance	185,000	203,500	212,726			
4004	-	Demolition	-	1	60,000	e	s	6	6	Dec-15 - May-16	y	we have assumed \$20k for 3 hous	60,000	66,000	66,983			
4005	-	Vistors car parking (1per 4 dwellings)	-	14	41,475	e	-	18	14	Dec-16 - Jan-18	y		575,466	633,012	661,710			
4006	-		-	-	-	-	-	0	-	-	y		-	-	-			
4007	-		-	-	-	-	-	0	-	-	y		-	-	-			
4008	-		-	-	-	-	-	0	-	-	y		-	-	-			
4009	-		-	-	-	-	-	0	-	-	y		-	-	-			
4010	-		-	-	-	-	-	0	-	-	y		-	-	-			
4011	-		-	-	-	-	-	0	-	-	y		-	-	-			
4012	-		-	-	-	-	-	0	-	-	y		-	-	-			
4013	-		-	-	-	-	-	0	-	-	y		-	-	-			
4014	-		-	-	-	-	-	0	-	-	y		-	-	-			
4015	-		-	-	-	-	-	0	-	-	y		-	-	-			
4016	-		-	-	-	-	-	0	-	-	y		-	-	-			
4017	-		-	-	-	-	-	0	-	-	y		-	-	-			
4018	-		-	-	-	-	-	0	-	-	y		-	-	-			
4019	-		-	-	-	-	-	0	-	-	y		-	-	-			
4025	-		-	-	-	-	-	0	-	-	y		-	-	-			
			<sup>1</sup> Escalation ('N' = no escalation, 'E' = escalation to start period, 'R' = escalation to start period and through span)															
4099	<b>Construction Contingency</b>	-	And / Or	5.00%	of Construction Costs (inc GST)											699,626	769,589	804,379
													<b>TOTAL</b>	14,692,155	16,161,370	16,891,949		







	<b>Financing</b>								
<b>(Advanced Mode)</b>				<b>General Notes:</b> All Line Fees are paid during period of debt, in arrears All Profit Share is Paid progressively as project makes a profit.					
<b>Equity</b>				<b>Equity Notes:</b> Equity is paying outstanding debt Equity is repaid at project end.					
Developer's Equity Contribution Injected in total upfront.				Fixed Amount	Percentage	Opening Balances			Equity Totals
				-	20.00%				5,746,029
% of Net Cash Flow to be Funded									
10001	Interest Charged on Equity			0.00%	per annum Nominal - Capitalised (Compounded)				-
10002	Interest received on Surplus Cash			0.00%	per annum received in arrears.				-
% of Available Funds to Repay Equity Before Debt				0.00%					
<b>Loan 1</b>				<b>Opening Balances</b>					<b>Loan 1 Totals</b>
Facility Limit				Fixed Amount	Percentage				
Drawn down in total at loan commencement.				-	0.00%	Fixed Amount			-
Month Commencement				Manual	0	Jun-2015			
Maturity Month				Auto	0	N.A.			
10004	Interest Rate			0.00%	per annum Nominal - Capitalised (Compounded)				-
<b>Fees</b>				Amount	Percentage	Month Paid			
Application Fee				-	0.00%	0			
Line Fee				-	0.00%				
Profit Split to Lender 1				0.00%					
<b>Loan 2</b>				<b>Opening Balances</b>					<b>Loan 2 Totals</b>
Facility Limit				Fixed Amount	Percentage				
Drawn down in total at loan commencement.				-	0.00%	Fixed Amount			-
Month Commencement				Auto	0				
Maturity Month				Auto	0	N.A.			
10004	Interest Rate			0.00%	per annum Nominal - Capitalised (Compounded)				-
<b>Fees</b>				Amount	Percentage	Month Paid			
Application Fee				-	0.00%	0			
Line Fee				-	0.00%				
Profit Split to Lender 2				0.00%					
<b>Loan 3</b>				<b>Opening Balances</b>					<b>Loan 3 Totals</b>
Facility Limit				Fixed Amount	Percentage				
Drawn down in total at loan commencement.				-	0.00%	Fixed Amount			-
Month Commencement				Auto	0				
Maturity Month				Auto	0	N.A.			
10004	Interest Rate			0.00%	per annum Nominal - Capitalised (Compounded)				-
<b>Fees</b>				Amount	Percentage	Month Paid			
Application Fee				-	0.00%	0			
Line Fee				-	0.00%				
Profit Split to Lender 3				0.00%					





## Summary of Project Returns



**St Leonards South**

Site C: FSR 2:1



FSR 2:1

<b>Time Span:</b> Jun-15 to Sep-18	<b>Project Size:</b> 37. Apartments
<b>Type:</b> Mixed Use	1 per 44.51 SqM of Site Area
<b>Status:</b> Under Review	<b>Project Size:</b> 3,623.4 GFA
<b>Site Area:</b> 1,647. SqM	1 per 0.45 SqM of Site Area
<b>FSR:</b> 2:1	<b>Equated GFA:</b> 3,294.0 SqM

Estate Master Licensed to: HillPDA

				AUD Total	GFA	SqM of Site Area	Total Net Revenue
<b>REVENUE</b>							
	Quantity	SqM	AUD/Quantity	AUD			
<b>Gross Sales Revenue</b>	-	2,898.00	-	35,203,338	9,716	21,374	114.6%
Apartments	-	2,898.00	-	35,203,338			
<b>Less Selling Costs</b>				(1,275,863)	352	775	-4.2%
<b>NET SALES REVENUE</b>				33,927,475	9,363	20,600	110.4%

Interest Received	-	-	-	0.0%
Other Income	-	-	-	0.0%
<b>TOTAL REVENUE (before GST paid)</b>			33,927,475	110.4%
Less GST paid on all Revenue			(3,200,303)	-10.4%
<b>TOTAL REVENUE (after GST paid)</b>			<b>30,727,172</b>	<b>100.0%</b>

<b>COSTS</b>							
Land Purchase Cost			8,975,725	2,477	5,450		29.2%
Land Acquisition Costs			613,669	169	373		2.0%
<b>Construction Costs (inc. Contingency)</b>			16,891,949	4,662	10,256		55.0%
Basement			2,646,841	730	1,607		8.6%
Built Form			12,499,311	3,450	7,589		40.7%
Landscaping and Amenities			212,726	59	129		0.7%
Other Construction Costs			728,693	201	442		2.4%
Contingency			804,379	222	488		2.6%
Professional Fees			1,760,745	486	1,069		5.7%
Other			-	-	-		0.0%
Statutory Fees			153,563	42	93		0.5%
Miscellaneous			-	-	-		0.0%
Miscellaneous Costs 3			-	-	-		0.0%
Project Contingency (Reserve)			370,942	102	225		1.2%
Land Holding Costs			516,267	142	313		1.7%
Pre-Sale Commissions			273,084	75	166		0.9%
Finance Charges (inc. Fees)			79,481	22	48		0.3%
Interest Expense			1,634,344	451	992		5.3%
<b>TOTAL COSTS (before GST reclaimed)</b>			31,269,770	8,630	18,986		101.8%
Less GST reclaimed			(2,527,709)	698	1,535		-8.2%
Plus Corporate Tax			-	-	-		0.0%
<b>TOTAL COSTS (after GST reclaimed)</b>			<b>28,742,061</b>	<b>7,932</b>	<b>17,451</b>		<b>93.5%</b>

		AUD Per GFA	AUD Per SqM of Site Area
<sup>1</sup> <b>Net Development Profit</b>		1,985,111	548
<sup>3</sup> <b>Development Margin (Profit/Risk Margin)</b>	Based on total costs (inc selling costs)	6.61%	
<sup>4</sup> <b>Residual Land Value</b>	Based on Target Margin of 20% (Exclusive of GST)	5,544,826	1,530
<sup>5</sup> <b>Net Present Value</b>	Based on Discount Rate of 18% p.a. Effective	(2,338,514)	
<sup>6</sup> <b>Benefit Cost Ratio</b>		0.8919	
<sup>7</sup> <b>Project Internal Rate of Return (IRR)</b>	Per annum Effective	9.27%	
<sup>8</sup> <b>Residual Land Value</b>	Based on NPV (Exclusive of GST)	5,955,827	1,644
Equity IRR	Per annum Effective	9.56%	
Equity Contribution		5,746,029	
Peak Debt Exposure		23,317,432	
Equity to Debt Ratio		25.30%	
<sup>9</sup> <b>Weighted Average Cost of Capital (WACC)</b>		9.90%	
<sup>10</sup> <b>Breakeven Date for Cumulative Cash Flow</b>	Month 37	Jul-2018	

- Footnotes:**
1. Development Profit: is total revenue less total cost including interest paid and received
  2. Note: No redistribution of Developer's Gross Profit
  3. Development Margin: is profit divided by total costs (inc selling costs)
  4. Residual Land Value: is the maximum purchase price for the land whilst achieving the target development margin.
  5. Net Present Value: is the project's cash flow stream discounted to present value. It includes financing costs but excludes interest and corp tax.
  6. Benefit:Cost Ratio: is the ratio of discounted incomes to discounted costs and includes financing costs but excludes interest and corp tax.
  7. Internal Rate of Return: is the discount rate where the NPV above equals Zero.
  8. Residual Land Value (based on NPV): is the purchase price for the land to achieve a zero NPV.
  9. The Weighted Average Cost of Capital (WACC) is the rate that a company is expected to pay to finance its assets.
  10. Breakeven date for Cumulative Cash Flow: is the last date when total debt and equity is repaid (ie when profit is realised).

## Summary of Project Returns



**St Leonards South**



Site C: FSR 2:1

FSR 2:1

Time Span: Jun-15 to Sep-18	Project Size: 37. Apartments <small>1 per 44.51 SqM of Site Area</small>
Type: Mixed Use	Project Size: 3,623.4 GFA <small>1 per 0.45 SqM of Site Area</small>
Status: Under Review	Equated GFA: 3,294.0 SqM
Site Area: 1,647. SqM	
FSR: 2:1	

Estate Master Licensed to: HillPDA

RETURNS ON FUNDS INVESTED	Developer's Equity	Loan 4 Debt	Total Equity	Total Debt
		<small>Lender Name</small>		
<sup>1</sup> Funds Invested (Cash Outlay)	5,746,029	22,708,588	5,746,029	22,708,588
% of Total Funds Invested	20.19%	79.81%	20.19%	79.81%
<sup>2</sup> Peak Exposure	5,746,029	23,317,432	5,746,029	23,317,432
Date of Peak Exposure	Jun-15	Jan-18	Jun-15	Jan-18
Month of Peak Exposure	Month 0	Month 31	Month 0	Month 31
Weighted Average Interest Rate	N.A.	7.35%	N.A.	7.35%
Interest Charged	-	1,634,344	-	1,634,344
Line Fees Charged	-	-	-	-
Application Fees Charged	-	-	-	-
Profit Share Received	-	-	-	-
<sup>3</sup> Total Profit to Funders	1,985,111	1,634,344	1,985,111	1,634,344
<sup>4</sup> Margin on Funds Invested	34.55%	7.20%	34.55%	7.20%
<sup>5</sup> Payback Date	Sep-18	Apr-18	Sep-18	Apr-18
Month of Payback	Month 39	Month 34	Month 39	Month 34
<sup>6</sup> IRR on Funds Invested	9.56%	7.60%	9.56%	7.60%
<sup>7</sup> Equity to Debt Ratio	-	25.30%	-	25.30%
<sup>8</sup> Loan to Value Ratio	16.32%	66.24%	16.32%	66.24%
<sup>9</sup> Loan Ratio	19.99%	84.69%	19.99%	84.69%
	<small>of Project &amp; Finance Costs (incl. Interest Fees)</small>	<small>of Project &amp; Finance Costs (incl. Interest Fees)</small>	<small>of Project &amp; Finance Costs (incl. Interest Fees)</small>	<small>of Project &amp; Finance Costs (incl. Interest Fees)</small>

**Footnotes:**

1. The total amount of funding injected into the project cash flow.
2. The maximum cash flow exposure of that equity/debt facility including capitalised interest.
3. The total repayments less funds invested, including profit share paid or received.
4. Margin is net profit divided by total funds invested (cash outlay).
5. Payback date for the equity/debt facility is the last date when total equity/debt is repaid.
6. IRR on Funds Invested is the IRR of the equity cash flow including the return of equity and realisation of project profits.
7. Equity to Debt Ratio is the amount of equity contributed into the project as a percentage of debt funding.
8. Loan to Value ratio is the Peak Equity/Debt Exposure divided by Total Sales Revenue.
9. Loan Ratio is the total funds invested by the lender (cash outlay) divided by the nominated ratio calculation method. It includes capitalised interest and fees.

## Disclaimer

1. This report is for the confidential use only of the party to whom it is addressed ("Client") for the specific purposes to which it refers and has been based on, and takes into account, the Client's specific instructions. It is not intended to be relied on by any third party who, subject to paragraph 3, must make their own enquiries in relation to the issues with which this report deals.
2. Hill PDA makes no representations as to the appropriateness, accuracy or completeness of this report for the purpose of any party other than the Client ("Recipient"). Hill PDA disclaims all liability to any Recipient for any loss, error or other consequence which may arise as a result of the Recipient acting, relying upon or using the whole or part of this report's contents.
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4. This report and its attached appendices are based on estimates, assumptions and information provided by the Client or sourced and referenced from external sources by Hill PDA. While we endeavour to check these estimates, assumptions and information, no warranty is given in relation to their reliability, feasibility, accuracy or reasonableness. Hill PDA presents these estimates and assumptions as a basis for the Client's interpretation and analysis. With respect to forecasts, Hill PDA does not present them as results that will actually be achieved. Hill PDA relies upon the interpretation of the Client to judge for itself the likelihood of whether these projections can be achieved or not.
5. Due care has been taken to prepare the attached financial models from available information at the time of writing, however no responsibility can be or is accepted for errors or inaccuracies that may have occurred either with the programming or the resultant financial projections and their assumptions.
6. This report does not constitute a valuation of any property or interest in property. In preparing this report Hill PDA has relied upon information concerning the subject property and/or proposed development provided by the Client and Hill PDA has not independently verified this information except where noted in this report.
7. In relation to any valuation which is undertaken for a Managed Investment Scheme (as defined by the Managed Investments Act 1998) or for any lender that is subject to the provisions of the Managed Investments Act, the following clause applies:

This valuation is prepared on the assumption that the lender or addressee as referred to in this valuation report (and no other) may rely on the valuation for mortgage finance purposes and the lender has complied with its own lending guidelines as well as prudent finance industry lending practices, and has considered all prudent aspects of credit risk for any potential borrower, including the borrower's ability to service and repay any mortgage loan.

Further, the valuation is prepared on the assumption that the lender is providing mortgage financing at a conservative and prudent loan to value ratio.



ABN 52 003 963 755

### **Sydney**

Level 3, 234 George Street  
Sydney NSW 2000  
GPO Box 2748 Sydney NSW 2001  
t: +61 2 9252 8777  
f: +61 2 9252 6077  
e: sydney@hillpda.com

### **Melbourne**

Suite 114, 838 Collins Street  
Docklands VIC 3008  
t: +61 3 9629 1842  
f: +61 3 9629 6315  
e: melbourne@hillpda.com

### **Brisbane**

Level 27 Santos Place, 32 Turbot Street  
Brisbane QLD 4000  
GPO Box 938 Brisbane QLD 4001  
t: +61 7 3181 5644  
e: brisbane@hillpda.com