

Services

7<sup>th</sup> November 2014

Duty Planning Officer Penrith City Council 601 High Street Penrith, NSW 2750 Australia

To whom it may concern,

## **Development Application submission 65-87 Dunheved Circuit St Marys**

#### **Proposal outline**

The proposal refers to a 6000m<sup>2</sup> area of land on Lot 1, 65-87 Dunheved Circuit located within Precinct 1 of the Dunheved / St Marys industrial area. The site is fenced with chain mesh fencing 1800mm high. The objective of the site is to continue to act as an open storage area for Thiess Services idle plant and equipment that is currently not being utilised. The equipment is predominately mechanical plant and shipping containers. Typical activity at the site includes loading, unloading of equipment and relocation within the site as required.

While defined as Transport or Truck Depot in the zoning permissibility guidelines the existing and continuing usage will be for storage, not as a depot where vehicles are regularly frequenting and repairs and maintenance are undertaken.

#### Hours of operation

The site is typically be accessed between 6.00 a.m. and 5.00 p.m. Monday to Friday with the occasional access on Saturdays as required.

Activity at the site is limited to periods when equipment is being taken from or brought to storage, usually at the start or end of a project, with project duration typically 12 to 24 months.

#### Traffic

Traffic impacts associated with the proposal are negligible due to the infrequent access to the storage yard. Vehicle movements are limited to delivery and pick up of plant, and vehicles associated with these works, with an annual average daily traffic number of 4-5 vehicle movements a day. There is adequate space within the site for vehicles to be parked off Dunheved Circuit.

## THIESS SERVICES PTY LTD

ABN 69 010 725 247 T +61 2 8892 5900 F +61 2 8892 5901

#### PARRAMATTA Level 3, 88 Phillip Street, Parramatta NSW 2150 PO Box 267, Parramatta CBD BC NSW 2124

THIESS.COM

Document Set ID: 6265081 Version: 1, Version Date: 17/11/2014 Trust | Passion | Innovation | Excellence



#### Staffing

The site is not be permanently manned as it is a storage yard. Staff numbers during times of activity will typically range from two to six personnel.

#### Zoning

The site is currently zoned General Industrial IN1 and current useage as open industrial storage meets zoning requirements. The current surrounding area contains a mix of industrial, manufacturing, storage and transport type industries.

Under the definitions prescribed in permissible uses the category of "Truck Depot" is the most suitable definition due to the nature of equipment storage.

As previously stated the site is used for open storage of fixed mechanical plant and civil construction equipment. The site is not intended as a location for undertaking of servicing and repairs as these works are typically performed at project locations or specialised service provider facilities.

#### Scenic and Landscape Values

The site is outside areas of scenic and landscape values as shown in the Penrith Local Environmental Plan 2010 sheet SLV\_018. Access to the site is from Dunheved Circuit via a driveway. To the east the site is situated behind existing structures on the lot; the Rembrandt Dutch Social Club and industrial building previously a steel fabrication business, and as such has no frontage to the street. Adjoining land to the north is a major timber storage and distribution facility. Land to the south is vacant. Dunheved Golf Course is situated to the west beyond the end of the lot.

The site has not been identified on the Land reservation and acquisition map sheet LRA\_018 and is not subject to any heritage constraints identified on the Heritage map sheet HER\_018.

Regards

David Bielawski Superintendent T: (02) 8892 5900 E: <u>dbielawski@thiess.com.au</u>



## STATEMENT OF ENVIRONMENTAL EFFECTS

Thiess Services Open Storage Yard 65-73 Dunheved Circuit, St Marys, NSW, 2760

### Introduction

The Statement of Environmental Effects (SEE) has been prepared for the purposes of Development Assessment application by Thiess Services. The application is for 6000m<sup>2</sup> area of land on Lot 1, 65-73 Dunheved Circuit, located within Precinct 1 of the Dunheved / St Marys industrial area for use as an open storage area for idle mechanical plant and equipment.

### Summary

The site is leased by Thiess Services from Maganic Brother and Sister Pty Ltd and currently used as an open storage yard for idle mechanical plant and equipment. Recent changes in ownership of the land and involvement of Penrith City Council highlighted the requirement for a Development Assessment proposal to be lodged by Thiess Services in order to continue its current occupancy and usage.

Initial concerns regarding site and suitability for existing usages with regard to flood zones and access were addressed in a Statement of Environmental Effects conducted by Prentice Design and submitted on behalf of the landowner.

## A. Site suitability and context

#### Site constraints such as slope, flooding, geotechnical and groundwater issues

The subject site has a slight cross fall from east to west, but generally presents as a flat site. The western end of the site has a steeper topographic profile towards the golf course. The premises have been identified as a flood control lot and are subject to overland flow.

The gravel surface on the site appears to be highly permeable with grasses already growing through. Minimum western side site levels of RL23.40AHD are above the flood level of RL21.70AHD.

## Proximity to land affected by acid sulphate soils

Not known. No excavation is required.

Proximity to transport services, shops, community, recreational and infrastructure facilities Subject site is not well serviced by local area infrastructure apart from roads.

#### Compatibility to adjoining development

Adjacent sites are industrial use sites with timber storage and distribution to the north and transport company to the east. The site to the west is similarly being used as an open storage yard for equipment by a construction company.

#### Compatibility with land zoning

The site is zoned IN1-General Industrial, therefore our proposed use allows for continuing industrial development.

#### Size and shape of the allotment

The site is 6028m2 and is rectangular in shape.

Age and condition of existing buildings on-site

There are no structures on the site.

## B. Previous, present and proposed uses of the site

### Present use of the site

Open storage of construction materials and equipment. The site and access has been filled with a recycled concrete and gravel base to limit the degradation and dust impacts of heavy vehicles. Access from Dunheved Circuit is via driveway crossover upgraded for heavy vehicles

Date the present use commenced

Industrial uses have been operational since approx. the 1960's.

Previous use of the site

Not known.



#### Uses of adjoining land

Site to the north is a major timber storage and distribution facility. Industrial building previously occupied as an engineering workshop is to the east. Dunheved Golf Course is to the west with South Creek forming its western boundary Land to the south (currently being subdivided) is vacant.

□Whether the present or previous use of the site is a potentially contaminating activity (e.g. workshop, service station, land filling, lead paint removal, termite treatment)

Current usage as open storage is not a potentially contaminating activity. Previous use not known. Whether the client is aware that the site is or is not contaminated

Not known. Land owner has advised all fill placed has been certified as free of contaminates as per previous SEE.

■Whether there has been any testing or assessment of the site for land contamination Not known.

### C. Development Standards Penrith Local Environmental Plan 2010

## Zone IN1 General Industrial

#### 1 Objectives of zone

- · To provide a wide range of industrial and warehouse land uses.
- · To encourage employment opportunities.
- · To minimise any adverse effect of industry on other land uses.
- · To support and protect industrial land for industrial uses.
- · To promote development that makes efficient use of industrial land.

 To permit facilities that serve the daily recreation and convenience needs of persons working in industrial areas.

The development meets the objectives of the zone, in that there are no adverse impacts on adjoining developments and fulfils the industrial usage of land.

#### 2 Permitted without consent

Site is used as open storage of idle mechanical plant and equipment.

#### **3 Permitted with consent**

- Animal boarding or training establishments; Car parks; Depots; Environmental facilities; Environmental protection works;
- Flood mitigation works; Freight transport facilities; General industries; Hardware and building supplies; Industrial retail outlets; Industrial training facilities; Industries; Landscaping material supplies; Light industries; Neighbourhood shops;
- Plant nurseries; Recreation areas; Sawmill or log processing works; Self-storage units; Signage; Take away food and drink premises; Timber yards; Transport depots; Truck depots; Vehicle body repair workshops; Vehicle repair stations;
- Warehouse or distribution centres

Current usage is permissible with consent development, while defined as Transport or Truck Depot in the zoning permissibility guidelines this is not the intended usage, the site will be used for storage and not repairs and maintenance. Vehicle movements are limited and the gravel base protects the site from being disturbed through vehicle movements and also reduces contamination of the surrounding road network from grit and dust.



#### **4** Prohibited

Hazardous industries; Offensive industries; Any other development not specified in item 2 or 3 Development is not prohibited

(4) Development consent must not be granted for development on land that is flood planning area or other land at or below the flood planning level unless the consent authority is satisfied that the development:

(a) is compatible with the flood hazard of the land, and

Flood planning previously addressed in Land Owner Development Assessment and SEE and Minimum western side site levels of RL23.40AHD are above the flood level of RL21.70AHD. The porous nature of the fill allows for permeable stormwater transition

(b) if located in a floodway, is compatible with the flow conveyance function of the floodway and the flood hazard within the floodway, and

The site is affected by local overland flows only, gravel surface is of high porosity.

(c) is not likely to adversely affect flood behaviour resulting in detrimental increases in the potential flood affectation of other development or properties, and Open storage usage allows water infiltration through surface.

(d) is not likely to significantly alter flow distributions and velocities to the detriment of other properties or the environment, and

It is unlikely that the proposed usage will create measurable alterations in flow distributions and velocities to other properties,

(e) is not likely to adversely affect the safe and effective evacuation of the land and the surrounding area, and

There would be negligible impact.

(f) is not likely to significantly detrimentally affect the environment or cause avoidable erosion, destruction of riparian vegetation or a reduction in the stability of river banks or waterways, and The gravel surface of the site is stable and porous. Vehicle movement in on the site are infrequent and unlikely to cause any degradation of the surface.

(g) is not likely to result in unsustainable social and economic costs to the community as a consequence of flooding, and

The site levels are significantly higher that the flood level

(h) is consistent with any relevant floodplain risk management plan. The site is not identified as a Flood Planning Area on Flood Planning Land Map\_Sheet FLD\_018, or

#### 6.3 Flood Planning

(2) This clause applies to the following land:

(a) land shown as "Flood planning area" on the Flood Planning Land Map,

(b) other land at or below the flood planning level,

(c) land shown as "Flood Planning Land" on the Clause Application Map, generally being land surrounded by the flood planning area.

The site is not identified as a Flood Planning Area on Flood Planning Land Map\_Sheet FLD\_018.

Penrith DCP 2010 C2\_Vegetation Management No vegetation or trees present



#### C3\_Water Management

#### 2. Addressing Potential Catchment Impacts

Site surface is stable and porous. Equipment stored does not pose potential impact to catchment. The site level indicates that it is not subject to flooding and is not identified as a Flood Planning Area on Flood Planning Land Map\_Sheet FLD\_018

#### Controls

#### 1. Controlled activity Approval under the Water Management Act 2000

d) deposition of material, whether by way of landfill operations or otherwise on or within the bank or shore of any river, estuary or lake within 40m from the top of the bank or shore. NA, Open storage of plant and equipment only.

#### 6. Industrial/Commercial- New development

a) Floor levels shall be at least 0.5m above the 1:100 ARI flood or the buildings shall be flood proofed to at least 0.5m above the 1:100 ARI flood

NA, Open storage of plant and equipment only (Council has identified this flood level at RL21.7AHD. The minimum site level is RL22.95.5AHD, or 1.25m above the 1:100 ARI and 0.75m above the freeboard mark).

### D. Design guidelines

#### Streetscape

The site is located behind the structures on the Dunheved Circuit frontage to the east and has had a minimal negative impact on the streetscape.

#### Topography

Subject site is primarily level with a modest fall towards the western boundary. The golf course to the west is a flood zone to RL21.7AHD. The site is considerably above this level.

Local context and building character, including massing, roof design, verandahs, balconies, windows, materials and decorative detailing

Interior chain mesh fences surrounding equipment stored on the site.

#### Setbacks

NA, Open storage of plant and equipment only.

Building envelope

NA, Open storage of plant and equipment only.

Fences

Existing front, rear and side chain mesh fencing.

## E. Operation and Management

Typical activity at the site will include loading, unloading of equipment and relocation within the site as required. The site will be typically be accessed between 6.00 a.m. and 5.00 p.m. Monday to Friday with the occasional access on Saturdays as required.

Activity at the site will be limited to periods when equipment is being taken from or brought to storage, usually at the start or end of a project, with project duration typically 12 to 24 months.

## F. Access and Traffic

## □Is the site a significant traffic generator. If so, is a Traffic Impact Assessment Report prepared by a qualified transport consultant required?

The site is being used as a storage yard with minimal site visits and vehicular movements, and is not anticipated to be a significant traffic generator with an annual average daily traffic number of 4-5 vehicle movements a day. Internal roads allow for turning in compliance with AS2890 for articulated vehicles.



□If the proposal is not a significant traffic generator show the provision for adequate access, including:

Vehicle access to a public road (indicate grade)

Via existing heavy vehicle crossover approved by Penrith City Council.

Parking calculations

Any vehicles will be parked within the site and not on Dunheved Circuit.

□ Resident, staff, customer, client and visitor parking arrangements

Parking is available in ample quantities to adequately deal with the site usage.

Existing public transport services

Limited access to public transport

Proposed traffic management measures to resolve any conflicts between vehicles, pedestrians and cyclists.

Open driveway to enhance visibility.

Proposed bicycle facilities (racks, lockers and showers)

Bicycles can be securely stored on site, the subject area of the site is not provided with sanitary facilities as it is an open storage yard.

## G. General Accessibility

How does the development provide easy access and usable areas for everyone in accordance with the Disability Discrimination Act, 1992

The site is level but the subject area of the site is not provided with sanitary facilities.

## H. Privacy views and sunlight

How does the proposed development address privacy

Visual Privacy

Window placement relative to adjacent dwelling and common areas NA

□ Views between living rooms and private yards of other dwellings NA

Use of screen planting, hedges, walls or fences to improve privacy

NA

Headlight glare, light spillage

NA

Acoustic privacy

Placement of active use outdoor areas relative to bedrooms

NA

Separation of roads, parking areas and driveways from bedroom and living room windows NA

Noise transmission between dwellings

NA

□ Measures to mitigate external noise sources (e.g. traffic noise, placement of air conditioners, exhaust systems, pool pumps)

NA

How does the proposed development address views

Impact of the proposed development on views from adjoining or nearby properties NA

Design options for protecting views NA



How does the proposed development address sunlight access Have shadow diagrams been submitted-what additional impacts result from the proposed development NA

## I. Air and Noise

How will the proposed development cause, or be affected by, air or noise emissions:

#### Air

□ Identify existing or proposed sources of odours or fumes (on-site or nearby): industries, food premises, exhaust systems waste storage, oil or wood burning stoves or heaters Heavy transport and waste treatment facilities (Toxfree/Worth) are established in this industrial precinct.

□Identify proposed mitigation measures: placement and height of flues or chimneys, location of waste storage areas and compost heaps NA

#### Noise

Where noise is a major design issue, a report prepared by a qualified acoustic consultant will be required.

NA

Existing and proposed noise sources (on-site and nearby): main roads, industries, transport terminals, loading bays, heavy vehicles, restaurants, entertainment facilities, clubs, hotels, amplified music systems, car parks, ventilation and air conditioning units, pumps and pool filters Industrial and heavy transport area. Development is being used for storage of idle mechanical plant and equipment.

Proposed noise reduction measures: noise barriers, building layout and setbacks, room layout and window placement, building materials, insulation, double glazing NA

□Construction noise: hours of operation, type of equipment, maximum noise levels, compliance with EPA guidelines

NA

#### J. Drainage

Show how the proposal will deal with all aspects of drainage on the site:

□What measures if any have been proposed to maximize infiltration and minimize water runoff? (e.g. porous pavements, mulching and ground covers, low water demand native plants, rainwater tanks, and stormwater reuse).

NA, Open storage of plant and equipment only. Existing surface is porous and stable as addressed in 6.3 Flood Planning.

Stormwater drainage: proposed management controls for flows entering within and leaving the site, proposed on-site detention calculations prepared by a consulting hydraulic engineer, justification that the proposed design measures will not increase stormwater runoff or adversely affect flooding on other land

NA, Open storage of plant and equipment only. Existing surface is porous and stable as addressed in 6.3 Flood Planning.

Easements: provide copies of letters of intention to grant inter-allotment drainage easements across downstream properties

NA

#### Local flood mitigation measures

NA, Open storage of plant and equipment only. Existing surface is porous and stable as addressed in 6.3 Flood Planning. The site level indicates that it is not subject to flooding and is not identified as a Flood Planning Area on Flood Planning Land Map\_Sheet FLD\_018,

THIESS

## K. Erosion and sediment control

Show how we propose to prevent erosion and control sediment on the site, including: Soil and erosion hazard characteristics: potential for impact on adjacent land and waterways Open storage of plant and equipment only. Existing surface is porous, stable and suitable for the type and amount of traffic associated with usage, and allows for minimal additional erosion possibilities. Explain how your erosion and sediment control strategy will work. Consider areas requiring special management, including proposed dust control measures and proposed site maintenance strategy

Existing site surface and access has been filled with a recycled concrete and gravel base to limit the degradation and dust impacts of heavy vehicles. It is large fraction 30-70mm with low fine content that is unlikely to produce dust or cause contamination of local roadways and the flood vale area.

## L. Heritage

Is a Heritage Impact Assessment required?

### M. Environmental Sustainability

How does the proposal meet the minimum regulations and guidelines mentioned under Council's Environmental DCP. Consider:

The need to submit a sustainability scorecard or ecological sustainable development (ESD) report as required by Council's Environmental DCP

NA, Open storage of plant and equipment only.

The need to submit addition details as specified in Council's Environmental DCP NA, Open storage of plant and equipment only.

The need to submit a BASIX scorecard (for new dwellings an dual occupancies) NA, Open storage of plant and equipment only.

How has energy efficiency been considered in the design and layout of the buildings NA, Open storage of plant and equipment only.

## N. Waste

How does the proposal promote waste minimisation: 'avoid, re-use, recycle'

□Proposed at source waste separation program and facilities: aluminum, steel, glass, plastics, food and organic waste, etc.

Waste generated on site will be placed in suitable bins and removed by a waste contractor to a licenced facility.

**Proposed recycling collection from hotel, entertainment, commercial and industrial premises** NA, Open storage of plant and equipment only.

Domestic food an organic waste composting

NA, Open storage of plant and equipment only.

Litter control program (for activities such as takeaway food, sporting venues, etc.)

NA, Open storage of plant and equipment only.

Proposed waste storage areas

Waste bins/skips will be located within the site boundary fencing near the gate access to allow drop off and pick up as required.

7



How will building and demolition waste be used, recycled or disposed?

NA, Open storage of plant and equipment only.

Arrangements for hazardous building wastes such as asbestos and contaminated soil NA, Open storage of plant and equipment only.

## O. Site Management

How will the construction site be managed to ensure public safety and to minimise public inconvenience

Perimeter fencing to restrict public access to the construction site.

Site has chain mesh perimeter fencing 1800mm on all sides with access gates to the south...

NA

□Location of proposed site amenity facilities, storage of building materials and equipment, bulk waste containers and materials stockpiles

Open storage of plant and equipment only. The subject area of the site is not provided with amenity or sanitary facilities as it is an open storage yard. Idle mechanical plant and equipment will be placed in a manner that maximises storage capacity and allows safe, adequate access for future use. Waste bins/skips will be placed near the gate access to allow drop off and pick up as required.

How will safe pedestrian access to the site be maintained

Access will be via existing driveway crossover point on Dunheved Circuit

Access will be via existing driveway crossover point on Dunheved Circuit

Methods of demolition

NA, Open storage of plant and equipment only.

Dust control methods

NA, Open storage of plant and equipment only.



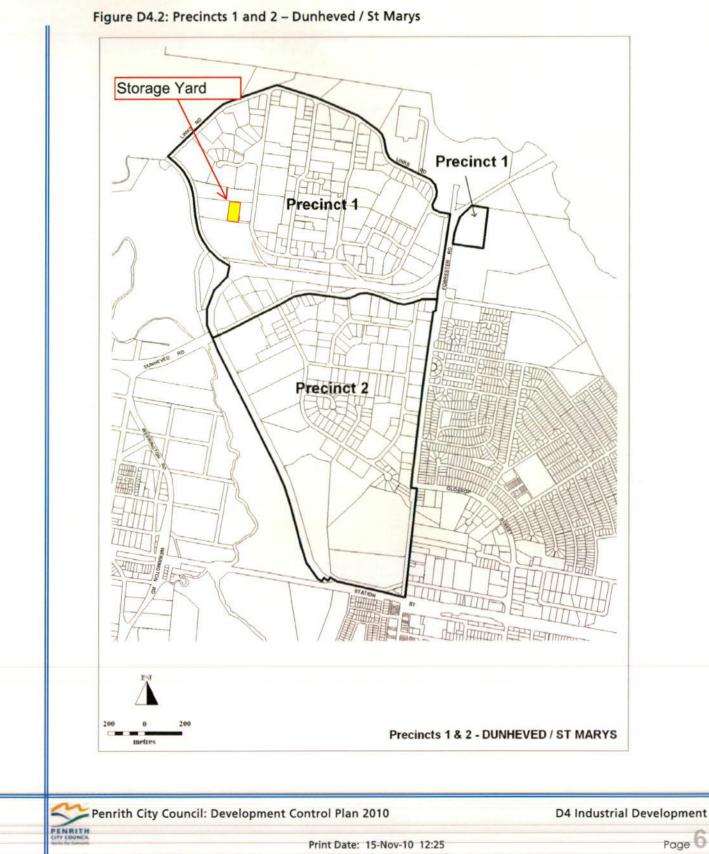
1

## List of Attachments

Number	Description					
Figure 1.	Dunheved / St Marys Precincts 1 and 2					
Figure 2.	Satellite image Thiess Storage Yard					
Figure 3.	Detail and RL levels of 63-73 Dunheved Cct					
Figure 4.	Site arrangement with dimensions					
Figure 5.	Site arrangement showing vehicle crossover with dimensions					
Figure 6.	Penrith LEP - Land Zoning map LZN_018					
Figure 7.	Penrith LEP – Flood Planning map FLD_018					
Figure8.	Penrith LEP – Heritage map HER_018					
Figure 9.	Penrith LEP – Scenic and Landscape Values map SLV_018					
Figure 10.	Penrith LEP – Land Reservation Acquisition map LRA_018					
Figure 11.	Subdivision plan of lots showing water easements PLAN FORM 2					
Figure 12.	Subdivision plan of lots showing electrical easements PLAN FORM 2					
Figure 13.	Deposited Plan administration sheet (Page 1)					
Figure 14.	Deposited Plan administration sheet (Page 2)					







Document Set ID: 6265081 Version: 1, Version Date: 17/11/2014

Sustainable Penrith

Figure 13	DEPOSITED PLAN AD	OMINISTRATION SHEET Sheet 1 of 2 sheet(s)
Registered: (3) 15.7.20 Title System: TORRENS Purpose: SUBDIVISION	Office Use Only 14	Use Only DP1175850 S
PLAN OF SUBDIVISION C 207 IN DP.31908 Crown Lands NSW/Western		LGA: PENRITH Locality: ST. MARYS Parish: ROOTY HILL County: CUMBERLAND Survey Certificate
I,approving this plan certify that all necess allocation of the land shown herein have Signature:	(Authorised Officer) in sary approvals in regard to the e been given. ertificate SC14/0012 Accrodited Cortifier, certify that mental Planning and ed in relation to the proposed therein.	I, JOHN HOWIE OF BRITTEN & ASSOCIATES P/L of PO BOX 171A FAIRFIELD HEIGHTS NSW 2165 a surveyor registered under the <i>Surveying and Spatial Information Act</i> 2002, certify that: *(a) The land shown in the plan was surveyed in accordance with the <i>Surveying and Spatial Information Regulation</i> 2012, is accurate and the survey was completed on 14/12/2012
*Strike through if inapplicable. Statements of intention to dedicate publ drainage reserves.	ic roads, public reserves and	<ul> <li>*Specify the land actually surveyed or specify any land shown in the plan that is not the subject of the survey.</li> <li>Plans used in the preparation of survey/compilation.</li> <li>DP 31908</li> <li>DP 864483</li> <li>DP 1090461</li> <li>DP 1012357</li> </ul>
Signatures, Seals and Section 88B S PLAN FORM		If space is insufficient continue on PLAN FORM 6A Surveyor's Reference: 12820L

.

Req:R438580	/Doc:DP	1175850	P	/Rev:17-Jul-2014	/Sts:SC.OK	/Prt:24-Oct-201
R##1385#Pg8:	ALL /See	q:4 of 4				

	DEPOSITED PLAN A	OMINISTRATION SHEET Sheet 2 of 2 sheet(s)
Registered: () PLAN OF SUBDIV 207 DP.31908	Office Use Only 15.7.2014 VISION OF LOTS 14, 15, 16 &	Office Use Only DP1175850
Subdivision Certificate nu Date of Endorsement:	Umber: 025/14 7/4/14 DF ALL LOTS ARE NOT AVAILABLE.	<ul> <li>This sheet is for the provision of the following information as required:</li> <li>A schedule of lots and addresses - See 60(c) SSI Regulation 2012</li> <li>Statements of intention to create and release affecting interests in accordance with section 88B Conveyancing Act 1919</li> <li>Signatures and seals- see 195D Conveyancing Act 1919</li> <li>Any information which cannot fit in the appropriate panel of sheet 1 of the administration sheets.</li> </ul>
PURSUANT TO SECTIO	N 88B OF THE CONVEYANCING ACT,	IT IS INTENDED TO CREATE:
3. EASEMENT FO 4. EASEMENT FO 5. EASEMENT FO PURSUANT TO SECTIO	OR OVERHEAD POWER LINES 9 WIDE OR OVERHEAD POWER LINES VARIABL OR SERVICES VARIABLE WIDTH. OR ELECTRICAL SUBSTATION (ES). 3 V ON 88B OF THE CONVEYANCING ACT, OR TRANSMISSION LINE 3.05 WIDE AND	LE WIDTH (E2).
Éch EDI	mond Kelly NOND KELLY a Rinector/Secretar	7 E LORDS B
Sol MORTGAGEEDER MORERGE NO 354347 CONSE And Alegus Any DIRECTOR Edm	A Maganic	DRH Angela Maranic Angela Maranic Angela Maranic Maranic Sire crox/secret Chile Chagonic Chile Chagonic AND Sire Anne ANTE MAGANIC Sole director Seal ACM SUBJERT BUILT

.

# Figure 2

Thiess Storage Yard 65-73A Dunheved Circuit, St Marys

## Site of Thiess Open Storage Yard

Driveway access from Dunheved Circuit

Document Set ID: 6265081 Version: 1, Version Date: 17/11/2014

