Tzannes ABN 54 069 785 655 Nominated Architects Alec Tzannes 4174 Jonathan Evans 6613 Mladen Prnjatovic 7468 Ben Green 7066 Chi Melhem 7754

W . tzannes.com.au

- . tzannes.com.au
- T . +61 2 9319 3744

E . tzannes@tzannes.com.au

Suite 5 Level 5 2-12 Foveaux Street Surry Hills NSW 2010 Sydney, Australia

Tzannes

### Site Waste Management Plan

Northern Beaches Council

#### **APPLICANT DETAILS**

Applicant	Applicant c/ - Tzannes
Address	Suite 5, Level 5, 2-12 Foveaux Street, Surry Hills NSW 2010
Contact number	(02) 9319 3744
Email	karina.dorman@tzannes.com.au
Prepared by	Tzannes
Date	27 February 2019

### **PROPERTY DETAILS**

Development Lot	Lot 327 DP16362, Lot 328 DP16362, Lot 329 DP16362, Lot 330 DP16362
Development Address	346-352 Whale Beach Road, Palm Beach, NSW 2108

### PROJECT DETAILS

Structures to be demolished Description of Development Demolition of existing 2 storey rendered house. Construction of a new 2 and 3 storey dwelling, underground garage, pool and associated landscaping.

#### Applicant Declaration

I declare that

- 1. This plan has been completed in accordance with the Waste Management Guidelines
- 2. To the best of my knowledge, the details on this form are accurate and correct

I understand that:

- 1. All records demonstrating lawful disposal of waste will be retained and kept readily accessible for inspection by regulatory authorities such as council, NSW Environment Protection Authority or WorkCover NSW.
- 2. A bond in accordance with Council's fees and charges may apply to this development and must be paid to council prior to any works commencing
- 3. The bond will only be refunded when Council is satisfied that all waste outlined in this plan has been managed as per the plan, and evidence such as photos, receipts and statutory declarations must be supplied where appropriate.

Signature of Applicant:

Karina Dorman from Tzannes on behalf of the applicant

Date: 27/02/19

Kanne Domon



346-352 Whale Beach Road, Palm Beach Development Application Waste Management Plan – Northern Beaches Council Page 1

# Tzannes

## SECTION 1 - DEMOLITION

Materials on site	Destination			
Types of Waste	Reuse and Rec	Disposal		
	Estimate Volume (m3)	Onsite Reuse	Offsite Recycling Recycling outlet (RO) Waste transport contractor (WTC)	Offsite Disposal Specify landfill site (LS) Specify Waste transport Contractor (WTC)
Excavation Material	Nil			
Garden organics	25m3	Mulch and landscaping	Vegetation and Wood waste Kimbriki (RO)	
Bricks	Nil			
Pavers	22m3	Reuse stone pavers for landscaping		
Tiles	Nil			
Concrete	110m3		Concrete Slabs, Concrete bock and render Kimbriki (RO)	Option not available
Timber	13m3	Reuse onsite as false work and in temporary structures	Kimbriki (RO)	
Plasterboard	4m3			
Metals	8m3		Aluminium roof sheeting Kimbriki (RO)	
Asbestos	Nil		Kimbriki (RO)	
Other	18m3			Windows, carpet, blinds, fixtures and fittings Greenwood Landfill (LS)
Estimated Total % Recovered	90%			

346-352 Whale Beach Road, Palm Beach Development Application Waste Management Plan – Northern Beaches Council Page 2

# Tzannes

### **SECTION 2 - CONSTRUCTION**

Materials on Site	Destination			
Types of Waste	Reuse and Rec	Disposal		
	Estimate Volume (m3)	Onsite Reuse	Offsite Recycling Recycling outlet (RO) Waste transport contractor (WTC)	Offsite Disposal Specify landfill site (LS) Specify Waste transport Contractor (WTC)
Excavation Material	3755m3	Reuse portion for landscape fill. Reuse sandstone for landscaping / pavers	Virgin excavated natural material (clean fill) Kimbriki (RO)	
Garden organics	Nil		Garden organics and plants recycling to be managed by nominated landscaping contractor	
Bricks	1-5m3		Kimbriki (RO)	
Pavers	Nil	Reuse offcuts of stone pavers for landscaping		
Tiles	Nil			
Concrete	Nil			Option not available
Timber	1-2m3	Formwork - Reuse in temporary works and then allocate to a new project	Off Cuts, Kimbriki (RO)	
Plasterboard	2m3		Off cuts Kimbriki (RO)	
Metals	1m3		Zinc roof sheeting offcuts, Kimbriki (RO)	
Asbestos	Nil			
Other	6m3		Pallets to be returned to suppliers for reuse	General site waste. Greenwood Landfill (LS)
Estimated Total % Recovered	90%			

# Tzannes

### SECTION 3 - ONGOING WASTE - MANAGEMENT FOR ONE OR TWO DWELLINGS

The development type is single residential. The number of dwellings is one.

	Recyclables		Compostable	Residual Waste
	Paper/Cardboard	Metals/Plastics/Glass		
Frequency of collections (per week)	Blue Bin Fortnightly	Yellow Bin Fortnightly	Green Bin Fortnightly	Red Bin Weekly
Number and size of storage bins required	1 x 240L	1 x 240L	1 x 240L	1 x 120L

# NOTE: Waste output remains unchanged i.e. no change to single residence waste generation. The designated waste storage area has provisions to store more bins if required.

### CHECKLIST

Please refer to Architectural drawing set prepared by Tzannes indicating the location of and provisions for the storage and collection of waste and recyclables during demolition, construction and ongoing operation.

### DEMOLITION

Have you included the following:	Tick Yes
A site plan showing:	✓
- Structures to be demolished	
- Storage areas for waste to be reused, recycled or disposed of	
- Material storage (if the development also includes construction)	
Demolition table completed in accordance with Chapter 1 – Demolition in the guidelines	$\checkmark$

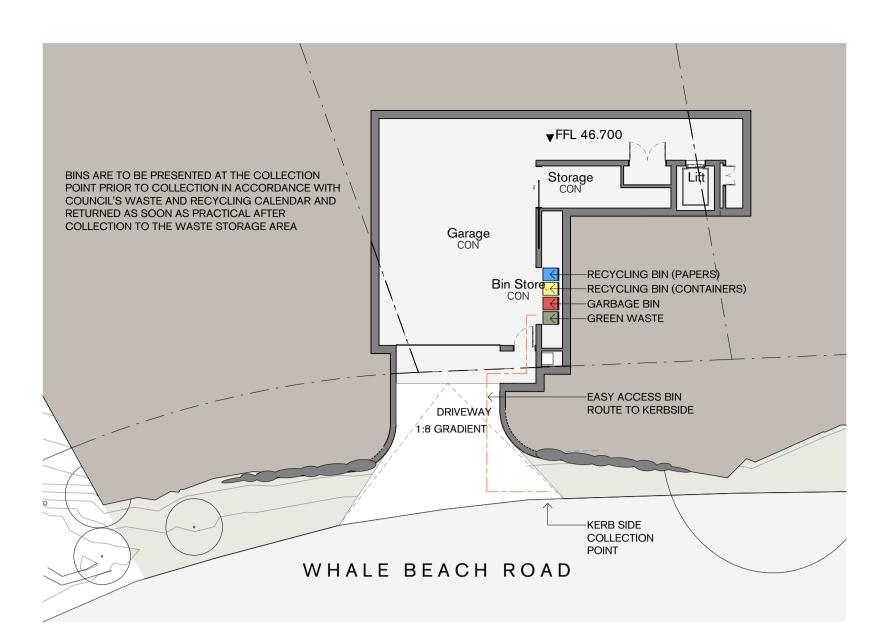
#### CONSTRUCTION

Have you included the following:	Tick Yes
A site plan showing:	$\checkmark$
- The structures to be demolished	
- Potential storage areas for waste to be reused, recycled, or disposed of.	
- Materials storage	
Demolition table completed in accordance with Chapter 2 - Construction in the guidelines	✓

### ONGOING WASTE

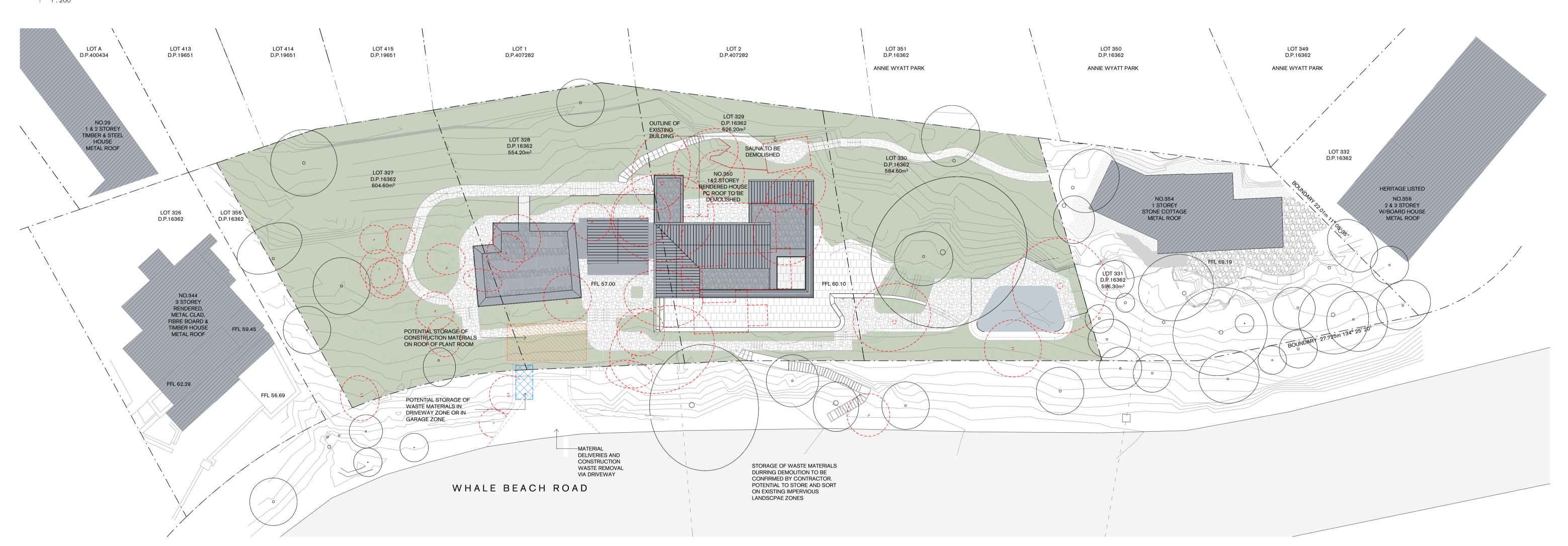
Do your plans include the following:	Tick Yes
- Waste storage area design requirements (chapter 3.2)	✓
- Waste storage area location requirements (chapter 3.3)	✓

346-352 Whale Beach Road, Palm Beach Development Application Waste Management Plan – Northern Beaches Council Page 4



Waste Management Plan - Basement Garage 1:200

1



2 | Waste Management Plan - Site



2-12 Foveaux Street, Surry Hills

Copyright owned by Tzannes. Rights to this document are subject to payment in full of all Tzannes fees. This document may only be used for the express purpose for which it has been created and any unauthorised use is at the user's sole risk and without limiting Tzannes' rights the user releases and indemnifies Tzannes from and against all loss so arising

Nominated Architects Alec Tzannes 4174 Jonathan Evans 6613 Mladen Prnjatovic 7468 Ben Green 7066 Chi Melhem 7754

Copyright

### General Notes

Verify dimensions on site prior to commencement of work. Check existing RL's on site. Advise Architect of any discrepancies before commencement. Allow for adjustments to suit discrepancies. Comply with relevant authorities requirements. Comply with Building Code of Australia requirements. Comply with relevant Australian Standards for materials and construction practice. Comply with Basix Certificate. Do not scale from drawings.

Rev Date 27/02/19 Development Application Α

For

Quantity Surveyor		Structural, Civil Er	ngineer	Legend	Troppor
KGCB		TTW		BOUNDARY LINES	Tzannes
9906 5355	kchoo@kgcb.com.au	9439 7288	jane.armstrong@ttw.com.au	DEMOLISHED	
Planner City Plan		Hyd, Mech, Elec, E Umow Lai		CONSTRUCTION WASTE STORAGE	
8270 3500	stephenk@cityplan.com.au	9431 9491	david.arnott@umowlai.com.au		
Arborist	1 - 51	Traffic Engineer			NOT FOR CON
Earthscape		TEF Cons 0414 978 067	o.s@tefconsult.com.au	RECYCLING BIN PAPERS	Scale
Landscape Architect	earthscape@iinet.net.au t	Ecologyst	o.s@terconsult.com.au	RECYCLING BIN CONTAINERS	1:200 @A1
Dangar Bar		Abel Ecolo	bgy	GARBAGE BIN	0 2 4 6
9316 9044 wi	ill@dangarbarinsmith.com.au	4751 9487	info@abelecology.com.au	GREEN WASTE	

