

WYER & CO

LANDSCAPE DA DOCUMENTATION - REV 2_09.II.2021

121 Pacific Road, Palm Beach

LANDSCAPE INSTALLATION SPECIFICATION

REMOVAL OF TREES

- All approved tree surgery, pruning or tree removal works are to be overseen by a quaified arborist of min AQF Level 5.
- Grind out stumps and roots over 75mm in diameter to minimum depth of 500mm below sub grade.

TREES TO BE RETAINED

- Tree protection to be installed for trees to be retained as per site arborist / Northern Beaches Council specifications.
- Mulch installation across surface of Tree Protection Zone (TPZ) to the discretion of the project arborist
- No excavation, construction activity, grade changes, surface treatment or storage of materials of any kind is permitted within the TPZ without approval by the project arborist.
- Driveway to be above existing grade construction with tree sensitive measures in place.
- Plantings to be flexible to avoid tree root systems with preliminary non invasive excavation at site arborist discretion in the tree protection zones.
- Refer to arborist report for detailed tree protection measures.

WEED ERADICATION

- Remove all noxious and local weed species from the site, including root zone. Ensure that this material is exported off site and disposed of correctly.

GALVANISED STEEL EDGING

- Galvanised steel flat bar 75 x 5mm secured with Dia 12mm galvanised round bar.

PLANTER BEDS

- Soil for plantings over slab or contained areas.
- Soil to be ANL Planter Box Mix, or equivalent. Blend of soil, coarse sand, graded ash, nepean sand, composted sowdust, botany humus and composted pine bark.
- Soil to be between 20-50mm below top of retaining wall height, to allow for dropping.

TURFING

- Turf to be laid on minimum 100mm turf underlay.
- Turf underlay to be ANL Sand / Soil Blend, or equivalent.
- Turf to be Sir Walter Turf – Premium Buffalow Grass (Registered PBR), supplied by President Turf, or equivalent.

MULCHING

- Place mulch to minimum depth of 75mm, clear of plant stems, and rake to an even surface flush with the surrounding finished levels and consistent in depth.
- Trees in lawn areas to have 750mm diameter of mulch surrounding.
- Mulch for general garden areas, pots and planters to be Australian Native Landscapes (ANL) Greenlife Mulch and Compost*, or equivalent.

TREE PLANTING

- Excavate holes in accordance with dimension of container. The depth of the holes is to be equivalent to the container height plus 100mm and the width of the hole is to be twice that of the container.
- Locate tree to center of hole and backfill with soil. Firm about rootball.
- All plant material, 45 Liters or over, to be staked.

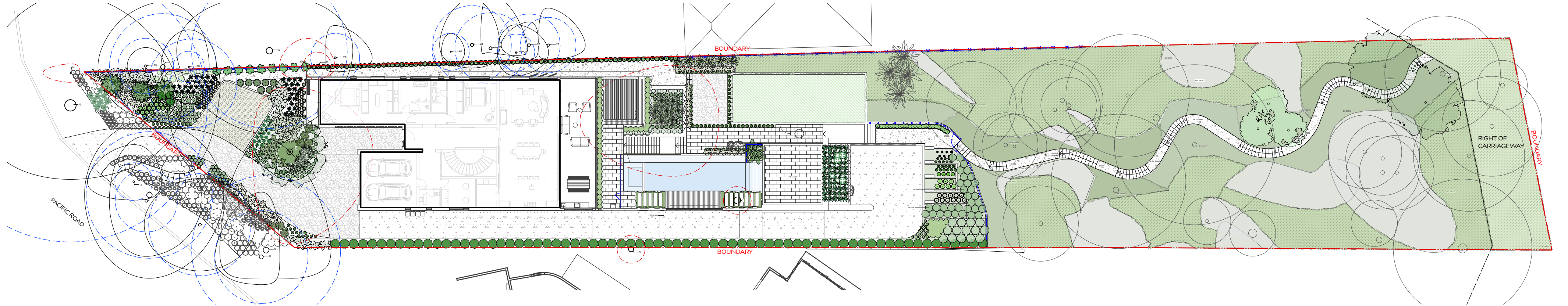
IRRIGATION

- Automated irrigation system to be implemented. Reputable irrigation brands are to be sourced including Toro, Rainbird and Hunter.
- Use drip lines with emitters at 300mm spacing's for all garden beds.
- Use pop-up spray heads for all lawn areas. Pop-up spray heads are to be spaced according to product specifications through lawn areas.
- Conceal irrigation below the mulch layer in planting areas and 150mm below the surface of turf areas. Conceal all components including pipework, fittings, valves and control equipment.

EXISTING TREE SCHEDULE (Refer to arboricultural Impact Assessment by The Tree MD)							
Tree No	Genus Species	Common Name	Height	Canopy	Calliper	Action	
1	Phoenix canariensis	Canary Island Date Palm	10000	3000	720	Remove - Within building footprint	
2	Corymbia maculata	Spotted Gum	16000	14000	860	Remove - Within building footprint	
3	Phoenix canariensis	Canary Island Date Palm	11000	3000	540	Remove	
4	Eucalyptus paniculata	Grey Ironbark	20000	3000	600	Remove	
5	Corymbia maculata	Spotted Gum	26000	3000	600	Retain	
8	Corymbia maculata	Spotted Gum	25000	3000	420	Retain	
9	Eucalyptus spp.	Stringy bark	14000	3000	290	Retain	
10	Corymbia maculata	Spotted Gum	18000	3000	280	Retain	
11	Corymbia maculata	Spotted Gum	20000	3000	570	Retain	
12	Eucalyptus paniculata	Grey Ironbark	13000	3000	170	Retain	
13	Eucalyptus paniculata	Grey Ironbark	34000	3000	1230	Retain	
14	Corymbia maculata	Spotted Gum	9000	3000	130	Remove - Poor health	
15	Livistona australis	Cabbage Tree Palm	5000	3000	250	Retain	
16	Corymbia maculata	Spotted Gum	27000	3000	480	Retain	
17	Corymbia maculata	Spotted Gum	21000	3000	400	Retain	
18	Cupaniopsis anacardioides	Tuckeroo	8000	3000	140	Retain	
19	Corymbia maculataSpotted Gum	spotted gum	30000	3000	700	Retain	
20	Cupaniopsis anacardioides	Tuckeroo	10000	3000	160	Remove	
21	Washingtonia spp.	Washingtonia spp.	8000	3000	300	Remove	
22	Corymbia maculata	Spotted Gum	8000	3000	220	Retain	
23	Acacia sp.	Wattle	6000	3000	90	Retain	
24	Syncarpia glomulifera	Turpentine	8000	3000	350	Retain	
25	Eucalyptus sp	Eucalypt	9000	3000	320	Retain	
26	Eriobotrya japonica	Loquat	7000	3000	160	Retain	
27	Casuarina sp.	Casuarina sp.	10000	3000	280	Retain	
28	Syncarpia glomulifera	Turpentine	9000	3000	250	Retain	

DA PLANT SCHEDULE

ID	QTY	BOTANICAL NAME	COMMON NAME	SCHEDULED SIZE	MATURE SPREAD	MATURE HEIGHT	REMARKS
Trees							
Anc	3	Angophora costata	Smooth-barked apple	45 Ltr	3.5 - 6m	25 - 30m	Native/ endemic replacement tree
Bai	3	Banksia integrifolia	Coastal Banksia	45 Ltr	1.5 - 6.0 m	5.0 - 15.0 m	Native/ endemic replacement tree
Dd-1	1	Dracaena draco	Dragon's Blood Tree	75 Ltr	3 - 5m	4 - 6m	
Palms - Cycads							
Hel	6	Heliconia	Lobster-claws	200mm	1.2-1.5m	1.2-1.5m	
Pr	2	Phoenix roebelenii	Dwarf Date palm	300mm	1-2m	2-3m	
Re	9	Rhapis excelsa	Lady Palm	200mm	1 - 2m	1.5 - 2m	
Shrubs							
Acr hel	17	Actinotus helianthi	Flannel Flower	Tube Stock	0.5 - 0.6 m	0.2 - 0.4 m	Native/ endemic
An	80	Alpinia nutans	Native Cardamom	200mm	0.5-1m	0.7-1m	
Bae	20	Baeckea imbricata	Heath myrtle	Tube Stock	3.5 - 6.0 m	3.0 - 5.0 m	Native/ endemic
Ban obl	2	Banksia oblongifolia	Fern-leafed banksia	Tube Stock	1.5 - 4.0 m	5.0 - 6.0 m	Native/ endemic
Grs	20	Grevillea sericea	Silk Grevillea	Tube Stock	1.0 -2.0 m	1.0 -2.0 m	Native/ endemic
Mth	24	Melaleuca thymifolia	Thyme honey-myrtle	Tube Stock	1.0 - 2.0 m	1.0 -1.2 m	Native/ endemic
Pet pul	4	Petrophile pulchella	Cone Sticks	Tube Stock	3.5 - 6.0 m	3.0 - 5.0 m	Native/ endemic
Rof	32	Rosmarinus officinalis	Rosemary	140 mm	0.8-1.5m	0.7-1.5m	
Syr	71	Syzygium australe 'Resilience'	Lillypilly	400 mm	3.5 - 6m	3 - 5m	Native/ endemic
Wfa	14	Westringia fruticosa 'Aussie Box'	Coastal Rosemary	140mm	0.7 -0.95 m	0.4 -0.6 m	Native/ endemic
Wff-1	33	Westringia fruticosa	Coastal Rosemary	Tube Stock	2.0 - 4.0 m	1.5 - 2.0 m	
Perennials							
Ae	44	Aspidistra elatior	Cast Iron Plant	200 mm	0.6-1m	0.6-1m	
Azv	11	Alpinia zerumbet 'Variegata'	Variegated Shell Ginger	140mm	0.5-0.8m	2-3m	
Cg	7	Cordyline glauca	Cordyline	200mm	0.4-0.6m	1.2-2m	
Cz	54	Calathea zebrina	Calathea zebrina	140mm	0.8-1m	0.8-1m	
Fn	154	Ficinia nodosa	Knobby club-rush	Tube Stock	0.9 - 1.0 m	0.9 - 1.0 m	Native/ endemic
Prc	50	Philodendron 'Rojo Congo'	Philodendron	140mm	0.5-0.8m	0.5-0.8m	
Grasses							
Lit	122	Lomandra longifolia 'Tanika'	Spiny-headed mat rush	140 mm	0.6 - 0.9m	0.45 - 0.6m	Native/ endemic
Pat ser	12	Patersonia sericea	Silky Purple Flag	Tube Stock	0.6 - 0.7 m	0.6 - 0.7 m	Native/ endemic
Li	107	Lomandra longifolia	Spiny-head Mat-rush	Tube Stock	0.6 - 1.5 m	0.6 - 1.5 m	Native/ endemic
Dcb	92	Dianella caerulea 'Breeze'	Breeze Flax Lily	Tube Stock	0.6 - 0.7 m	0.6 - 0.7 m	Native/ endemic
The aust	92	Themeda australis	Kangaroo grass	Tube Stock	0.5 - 0.6 m	0.2 - 0.4 m	Native/ endemic
Groundcovers							
Cg	16	Carpobrotus glaucescens	Pigface	140 mm	1.2 - 2.0m	0.0 - 0.3m	Native/ endemic
Dis	53	Dichondra 'Silver Falls'	Kidney Weed	140mm	0.9 - 1.2m	0.0 - 0.3m	Native/ endemic
Gon mic	64	Gonocarpus micranthus	Creeping Raspwort	Tube Stock	1.2 - 2.0 m	0.0 - 0.3 m	Native/ endemic
Lr	126	Ligularia reniformis	Leopard Plant	140 mm	0.3m	0.3m	
ojd	65	Ophiopogon japonicus (+Dwarf)	Mondo Grass	100mm	0.15-0.3m	0.15-0.2m	
Vi	46	Viola hederacea	Native Violet	140mm	1.2 - 2.0 m	0.1 - 0.3 m	Native/ endemic
Zt	223	Zoysia tenuifolia	Korean Grass	100 mm	0.2-0.3m	0.1-0.3m	
Succulents							
Al mac	34	Alocasia macrorrhiza	Giant Elephant's Ear	300 mm	0.6-1.2m	0.9-1.2m	
CoM	55	Crassula ovata 'Minima'	Dwarf Jade	200 mm	1.2 - 2.0m	1.5 - 3m	
Climbers							
Ppj	13	Pandorea jasminoides	Slender Bells	140 mm	0.6 - 2.0 m	2.0 - 3.0 m	Native/ endemic
Stf	44	Stephanotis floribunda	Madagascar jasmine	200 mm	0.5-5m	0.3-0.5m	
Ferns							
Aa	36	Maidenhair fern	Maidenhair fern	140mm	0.4 - 0.5 m	0.4 - 0.5 m	Native/ endemic
Asp den	55	Asparagus densiflorus	Asparagus densiflorus	140mm	0.5-0.8m	0.5-0.8m	
Bsl	14	Blechnum silver lady	Blechnum silver lady	140mm	0.9 - 1.2m	0.75 - 0.9m	Native/ endemic
Csc	3	Cyathea cooperi	Cyathea cooperi	300mm	3.0 - 8.0 m	5.0 - 10.0 m	Native/ endemic
Doo as	22	Prickly Rasp Fern	Prickly Rasp Fern	140mm	0.5 - 0.6 m	0.3 - 0.4 m	Native/ endemic
Herbs							
Ca	11	Capsicum annuum	Bird's Eye Chilli	140mm	0.0 - 0.3m	0.45 - 0.6m	
Ms	7	Mentha species	Mint	140mm	0.0 - 0.3m	0.45 - 0.6m	
Ore	9	Oreganum vulgare	Oregano	100 mm	0.0 - 0.3m	0.45 - 0.6m	
Pn	7	Petroselinum neapolitanum	Parsley (flat leaf)	140mm	0.0 - 0.3m	0.45 - 0.6m	
Tn	11	Thymus nitidus	Thyme (Creeping 'Orange Peel)	140 mm	0.0 - 0.3m	0.45 - 0.6m	
Total:	2000						



LEGEND					
	Finished concrete		Sir Walter Buffalo Turf		Roof Garden
	Deck		Existing rock outcrops		Landscape area for bush regeneration work
	Paving / Tile		1.2m High steel rod fence		Existing vegetation to be retained
	Gravel surface		Pedestrian Gate		Glass pool fence to A.S.
	Sandstone paving		Automatic vehicle gate		
	Sandstone retaining walls		1.8m High lap & cap boundary fence		
					Trees to be retained Tree protection zone (TPZ)
					Trees to be removed

PROJECT
CARBONI RESIDENCE
121 PACIFIC ROAD, PALM BEACH

DRAWING TITLE
DEVELOPMENT APPLICATION
SITE PLAN

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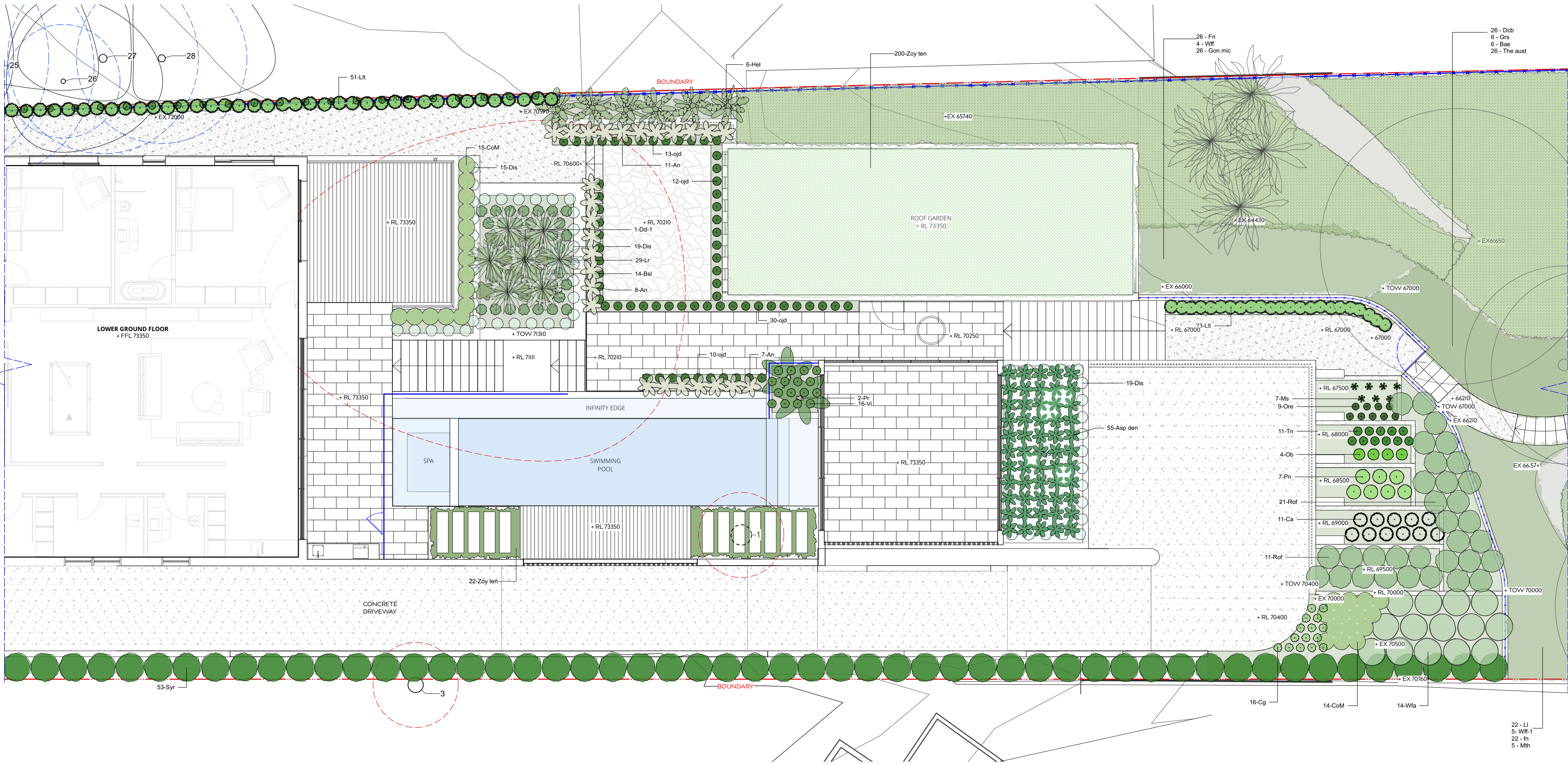
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LEGEND

Finished concrete

Deck

Paving / Tile

Gravel surface

Sandstone paving

Sandstone retaining walls

Sir Walter Buffalo Turf

Existing rock outcrops

12m High steel rod fence

Pedestrian Gate

Automatic vehicle gate

1.8m High lap & cap boundary fence

Roof Garden

Landscape area for bush regeneration work

Existing vegetation to be retained

Glass pool fence to AS

Trees to be retained Tree protection zone (TPZ)

Trees to be removed

PROJECT
CARBONI RESIDENCE
121 PACIFIC ROAD, PALM BEACH

DRAWING TITLE
DEVELOPMENT APPLICATION
POOL GARDEN

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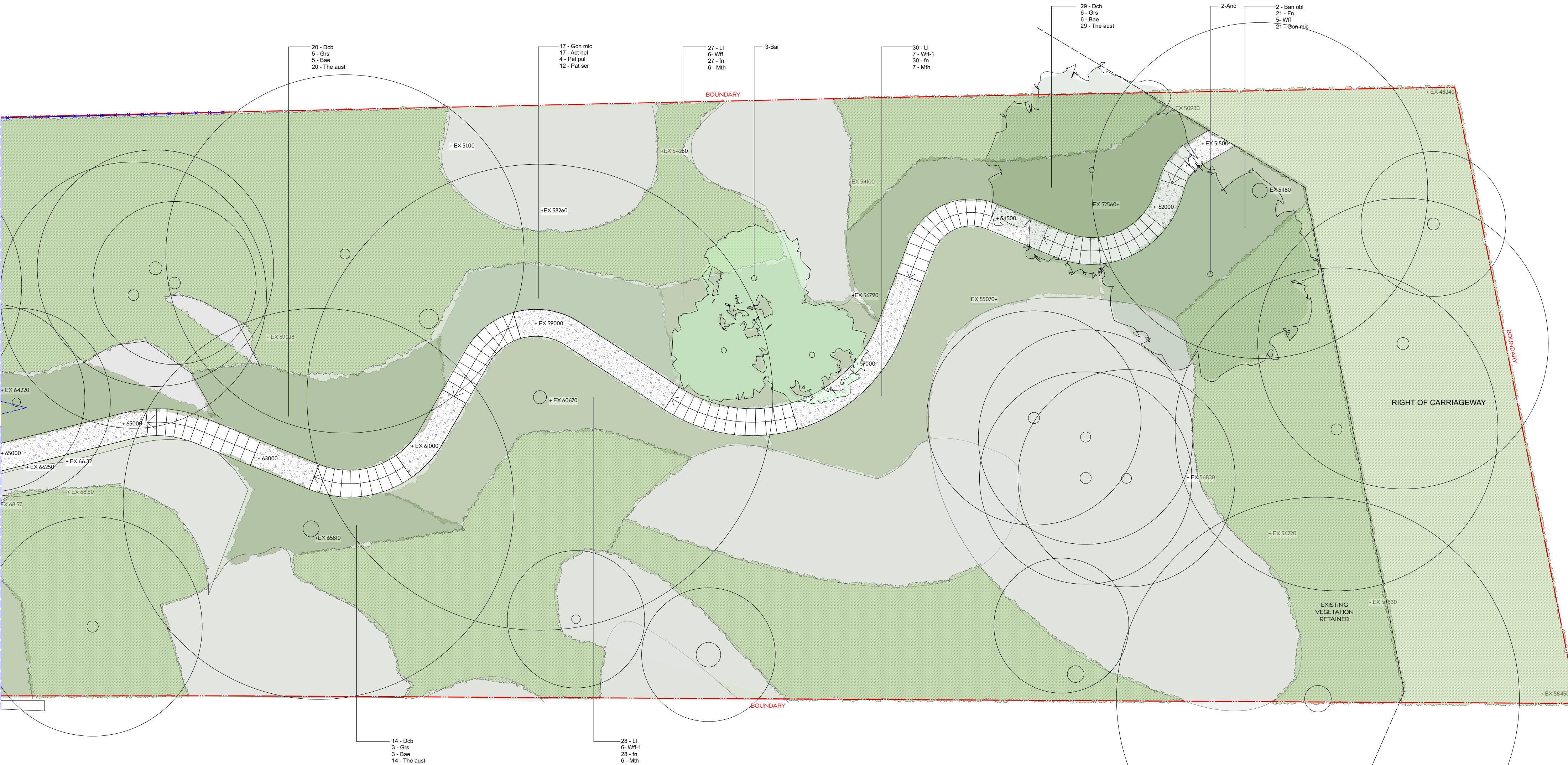
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NOTE:
Landscape area immediately surrounding proposed landscape steps and path in rear garden to undergo bush regeneration work. Weeds to be cleared, soils to be replenished and native/ endemic plant mix to be planted in this area.

LEGEND

	Finished concrete		Sir Walter Buffalo Turf		Roof Garden		Trees to be retained Tree protection zone (TPZ)
	Deck		Existing rock outcrops		Landscape area for bush regeneration work		Trees to be removed
	Paving / Tile		1.2m High steel rod fence		Existing vegetation to be retained		
	Gravel surface		Pedestrian Gate		Glass pool fence to AS		
	Sandstone paving		Automatic vehicle gate				
	Sandstone retaining walls		1.8m High lap & cap boundary fence				

PROJECT
CARBONI RESIDENCE
121 PACIFIC ROAD, PALM BEACH

DRAWING TITLE
DEVELOPMENT APPLICATION
REAR GARDEN

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JOB NUMBER
21.035

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DA04

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