BAYSIDE BRUNSWICK

LANDSCAPE DOCUMENTATION
AND HABITAT CREATION
DEVELOPMENT APPLICATION

REV D - FOR APPROVAL

DRAWING LIST

1-211400_00 - LOCALITY PLAN & DRAWING INDEX

1-211400_01 - NORTH WEST PLAN

1-211400_02 - NORTH EAST PLAN

1-211400_03 - SOUTH WEST PLAN

1-211400_04 - SOUTH EAST PLAN

1-211400_05 - COMMUNITY GARDENS

1-211400_06 - CENTRAL DRAINAGE CORRIDOR
HABITAT & REHABILITATION ZONE

1-211400_07 - EASTERN HABITAT & REHAB ZONE

1-211400_08 - ROAD 6 - SECTIONS AA - BB

1-211400_09 - ROAD 2 / DRAINAGE CORRIDOR - SEC CC

1-211400_10 - ROAD 3-5 STREET TREE PIT SEC DD

1-211400_11 - ROAD 2 - SECTION EE & EAST WEST -

PEDESTRIAN TRACK

1-211400_12 -ROAD SECTION GG CREEK

PEDESTRIAN TRACK

1-211400_13 - PEDESTRIAN BRIDGE

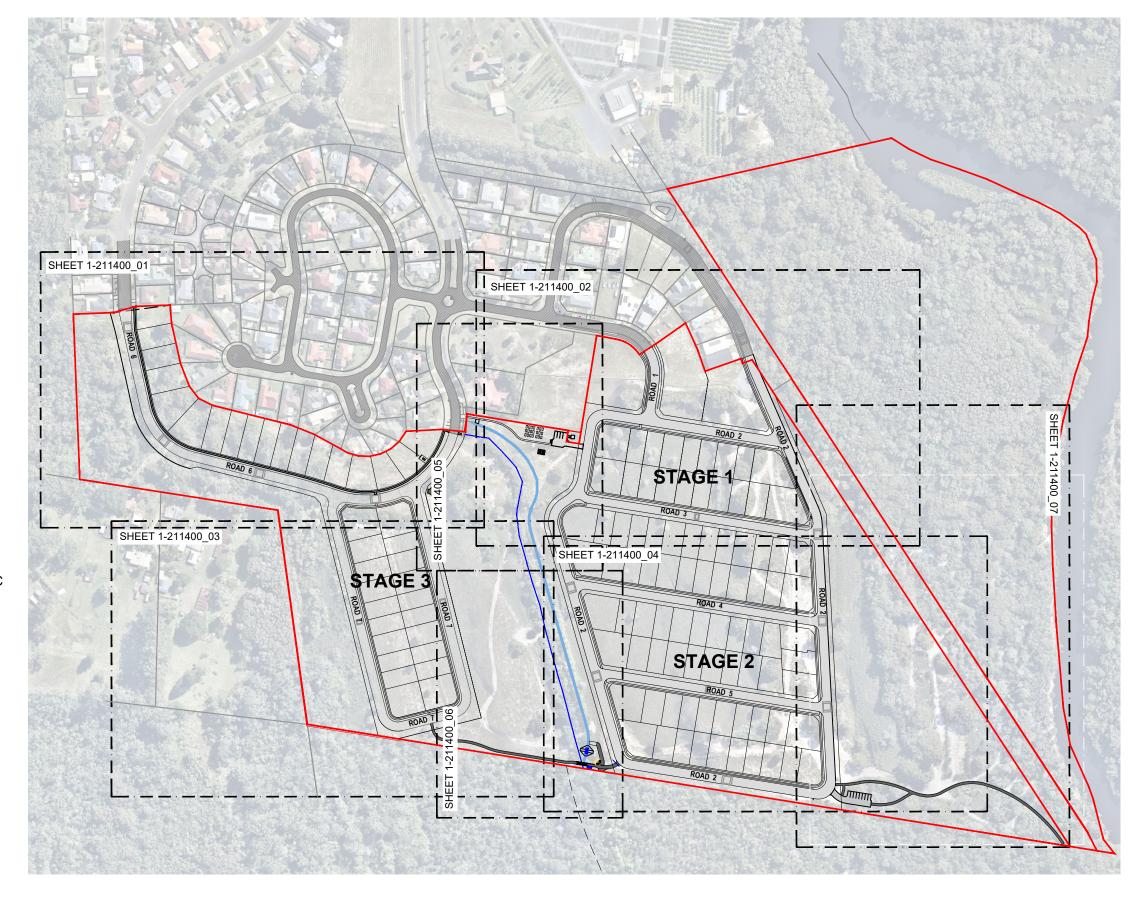
SOUTHERN DRAIN CROSSING

1-211400_14 - SEATING NODES

1-211400_15 - PLANTING SCHEDULE

1-211400_16 - INTERPRETIVE SIGNAGE PLAN

1-211400_17 - INDIGENOUS SCULPTURE PLAN





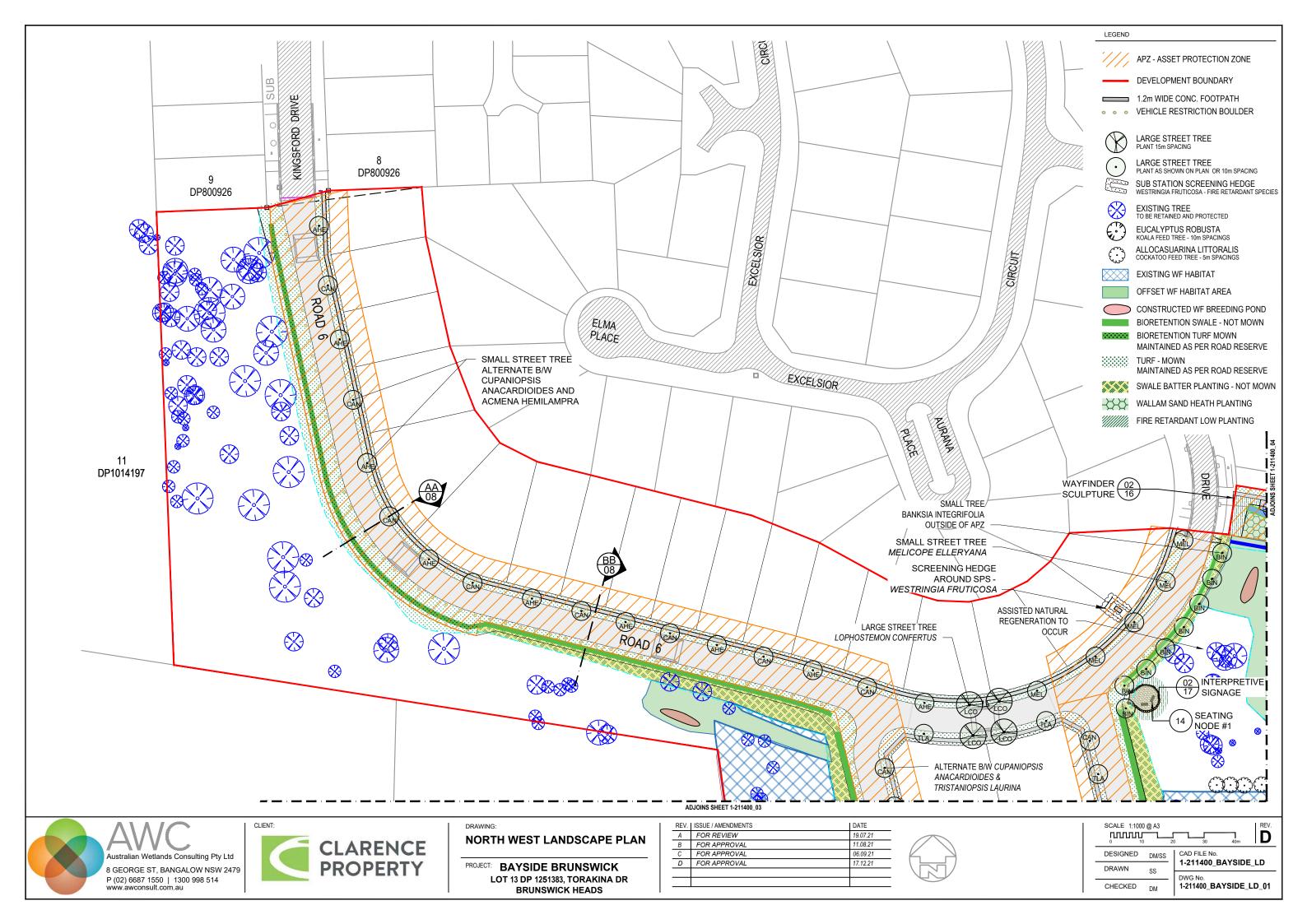


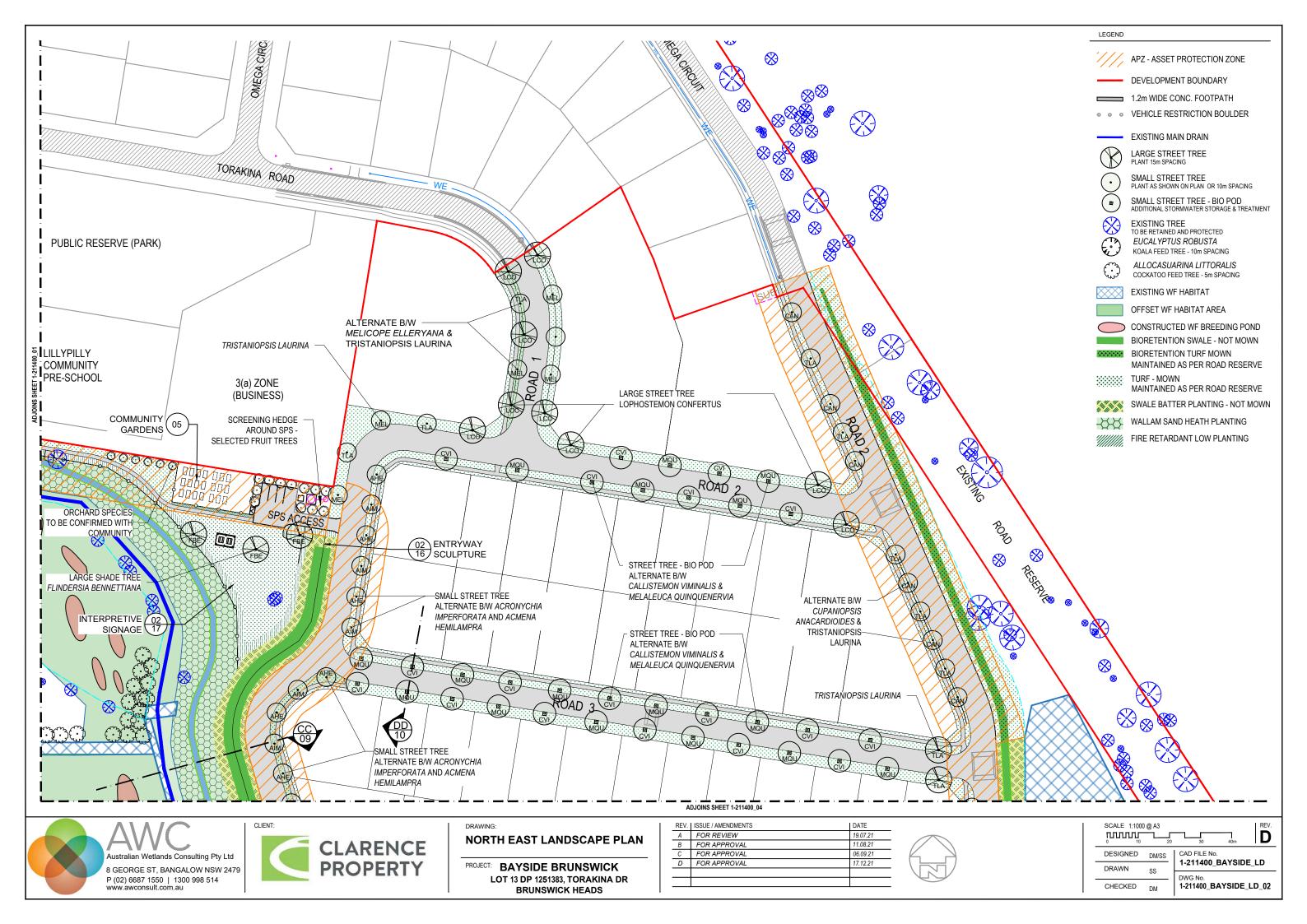
LOCALITY PLAN AND DRAWING INDEX

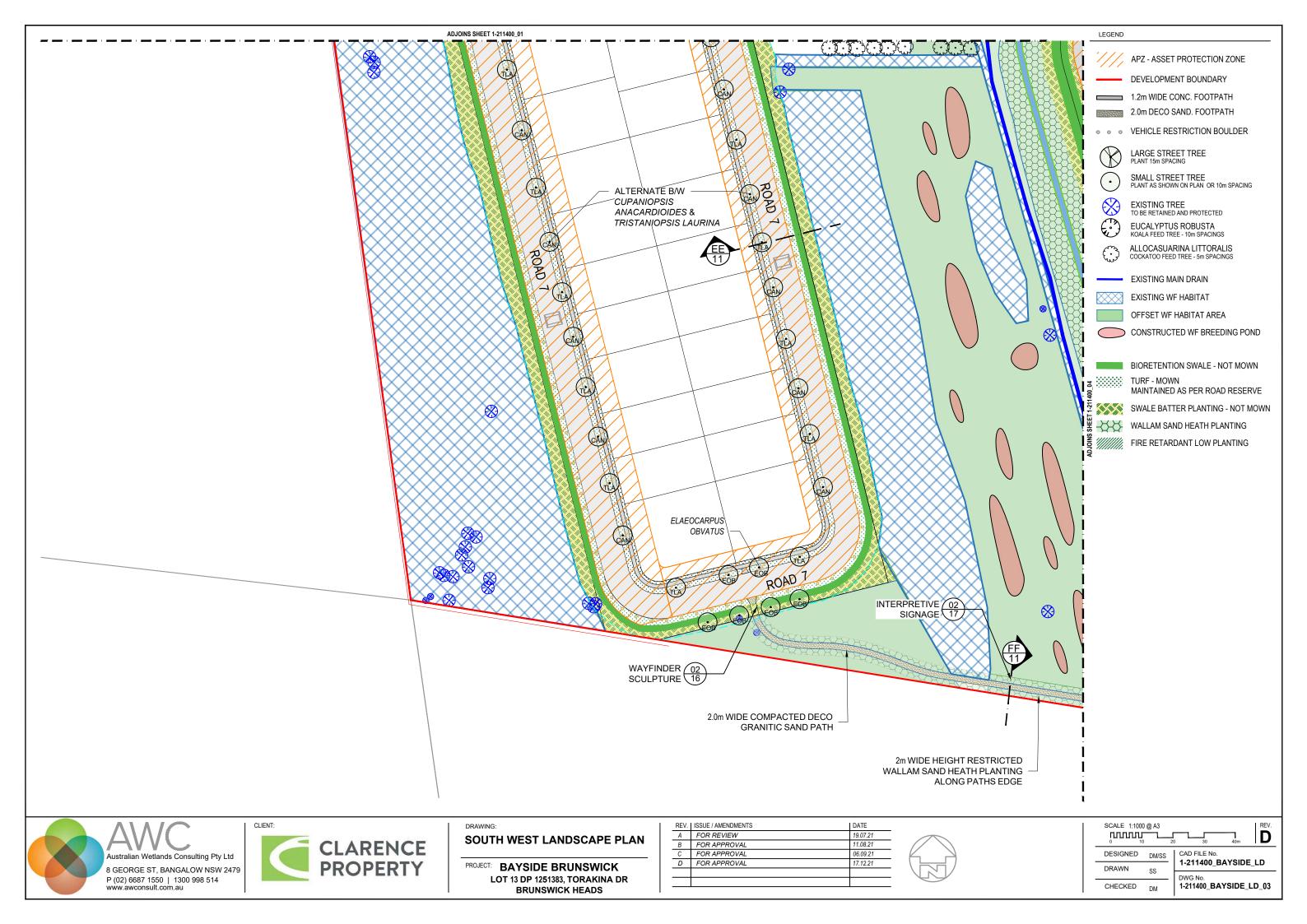
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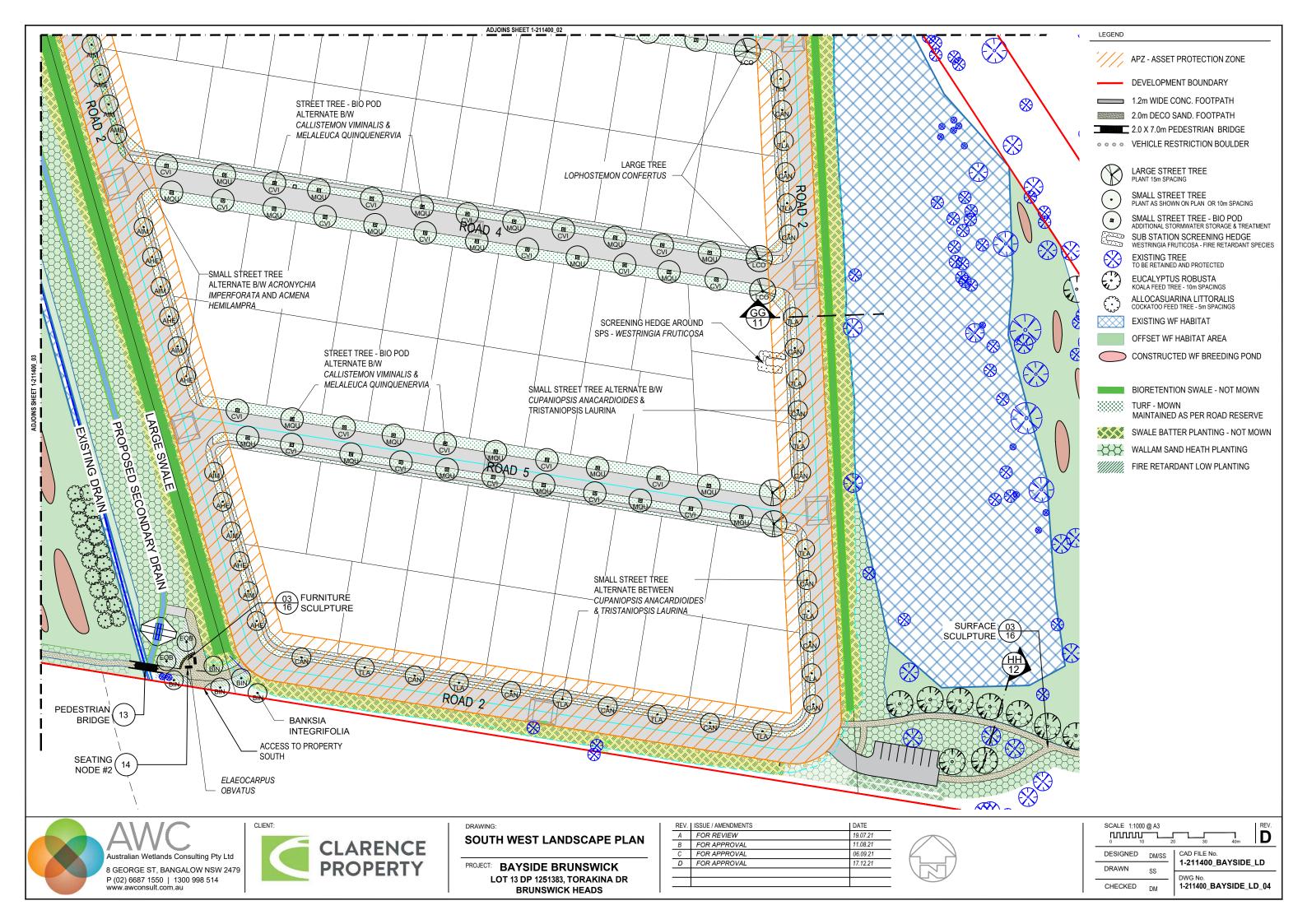


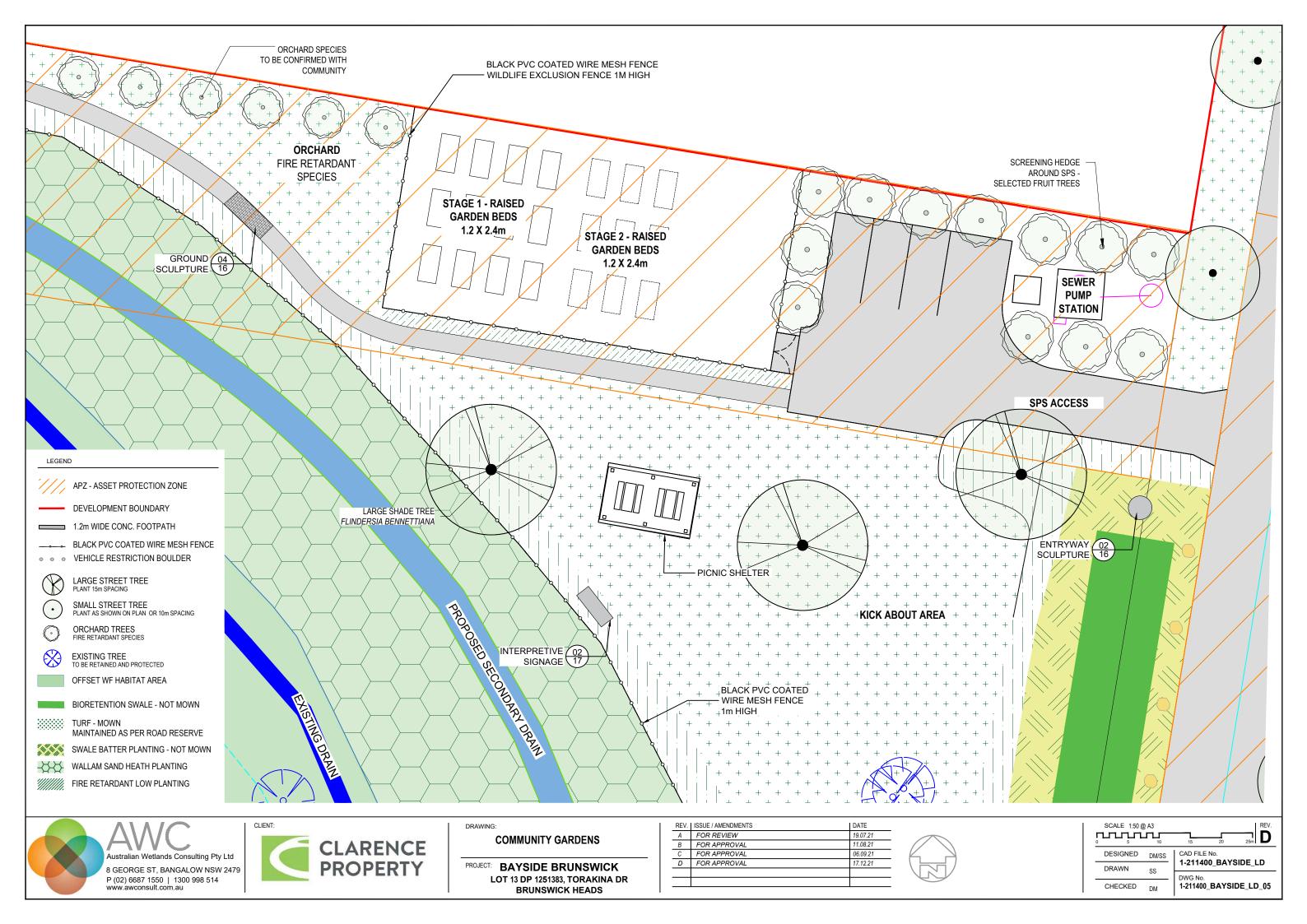
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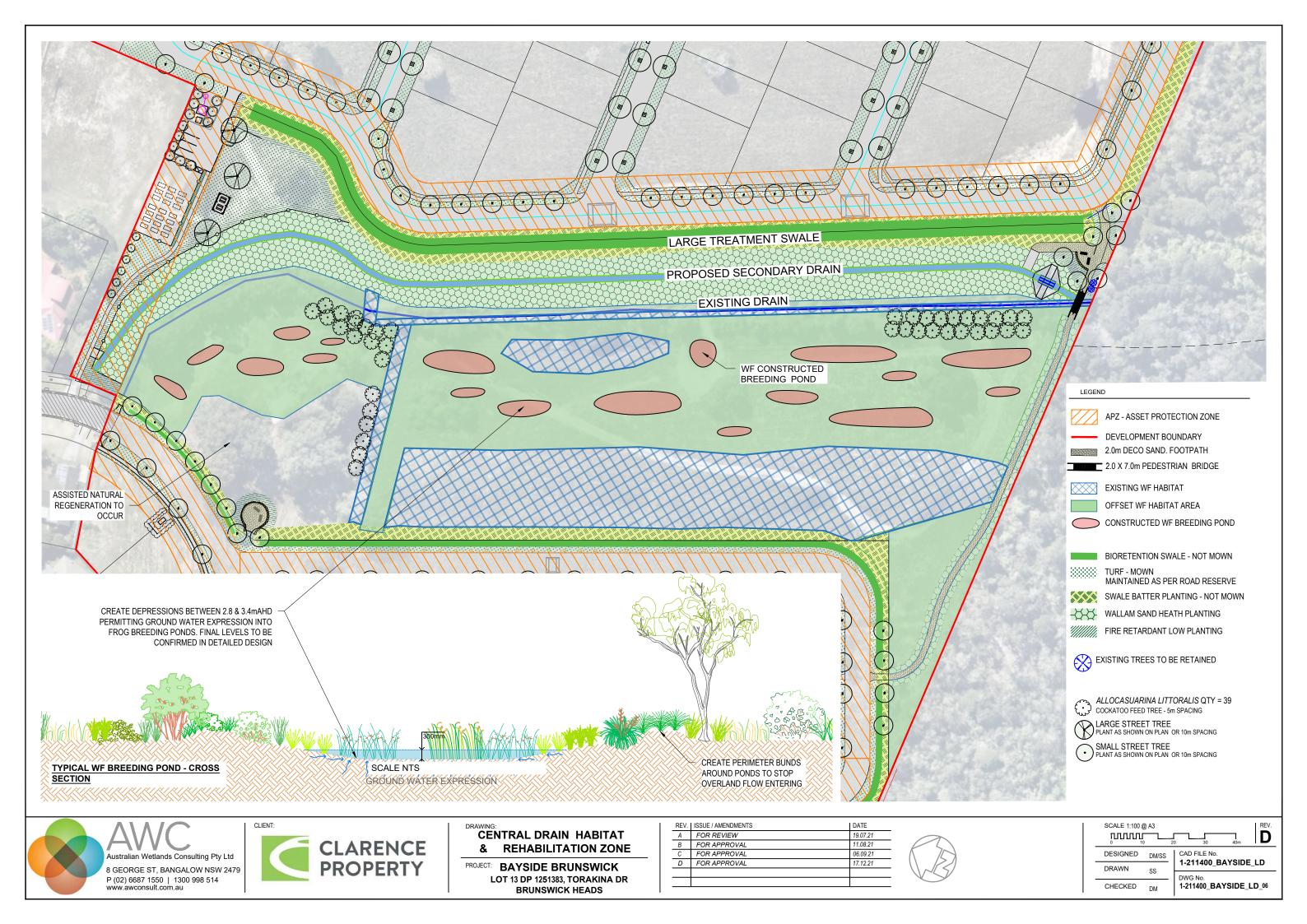


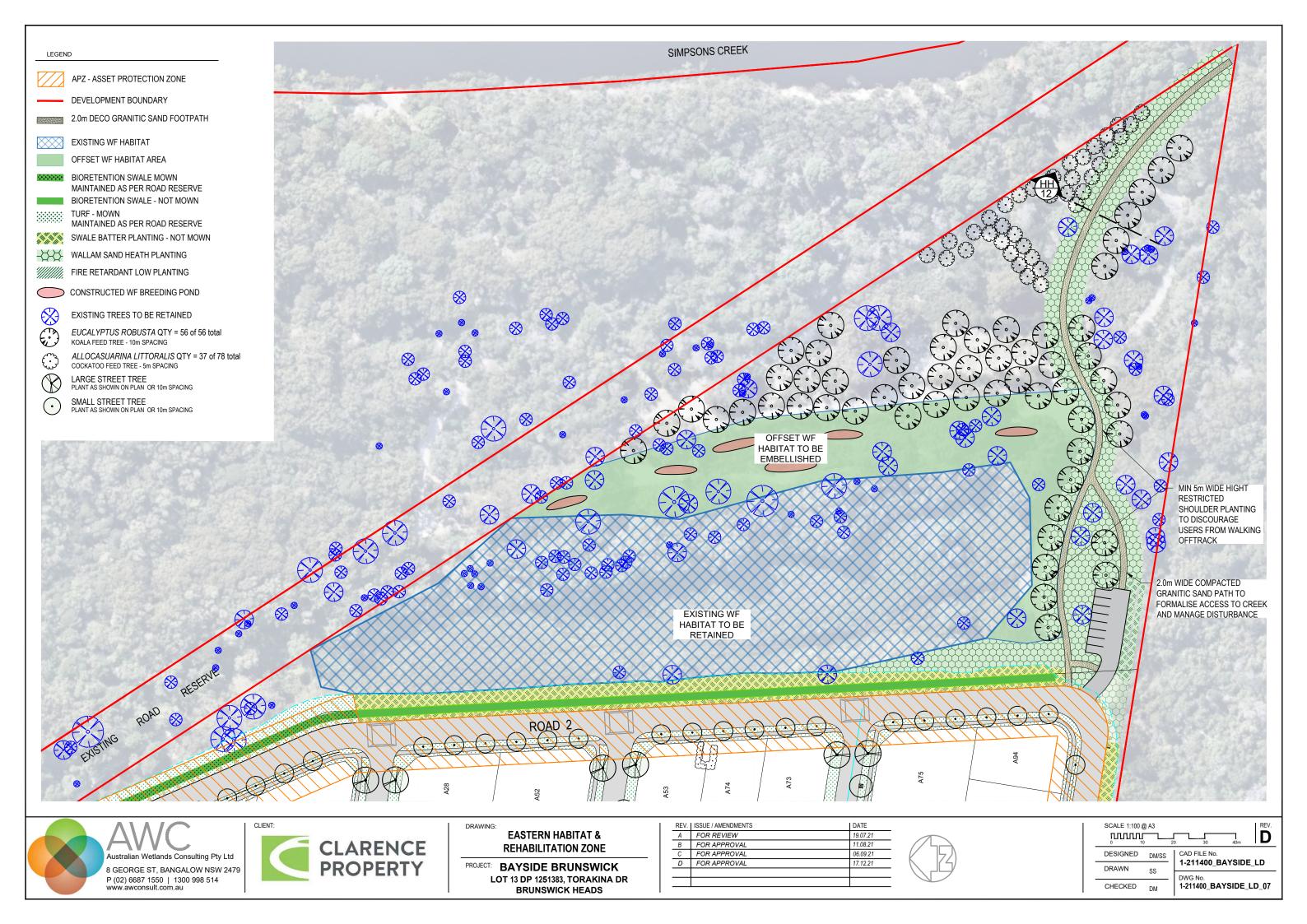


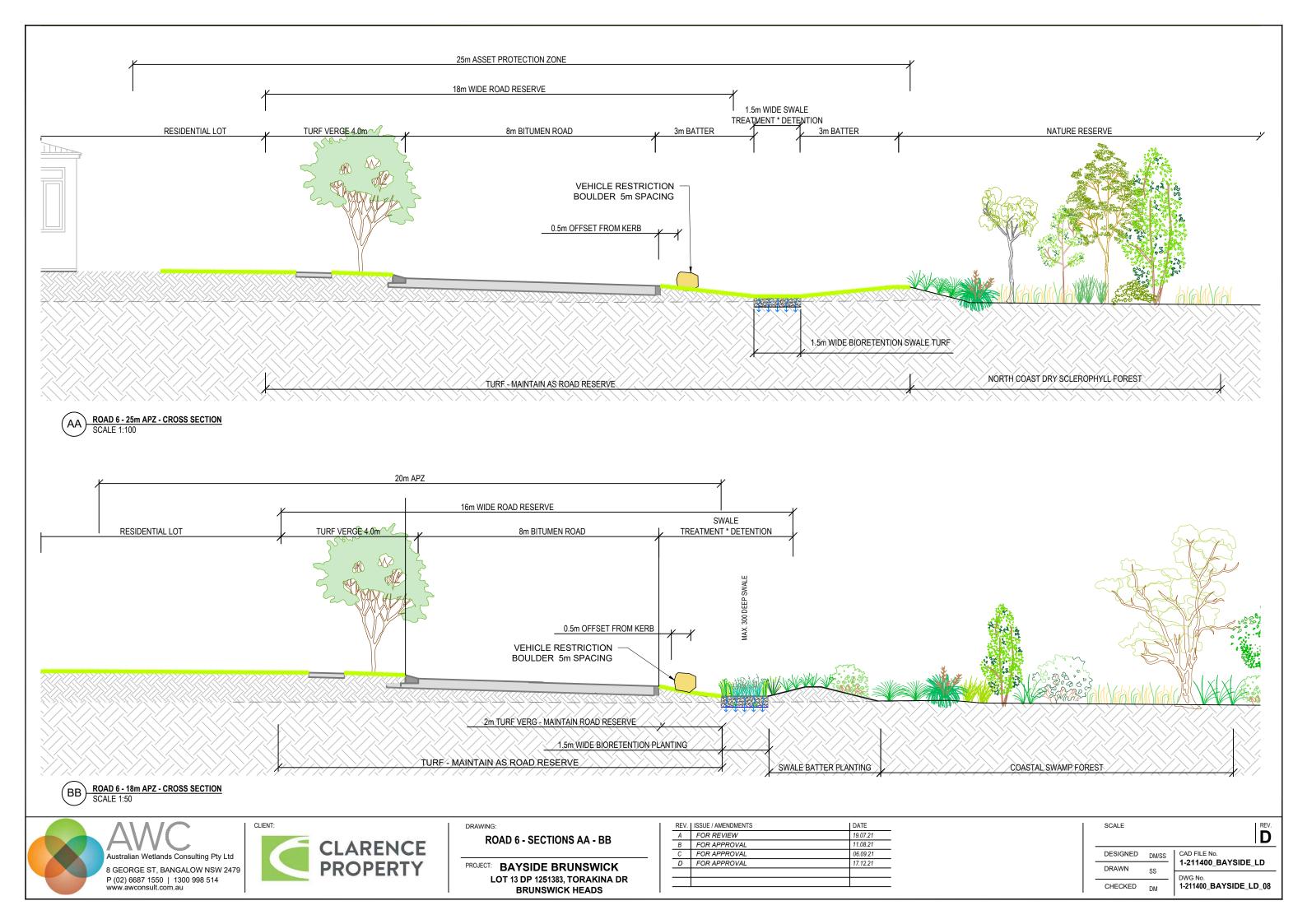


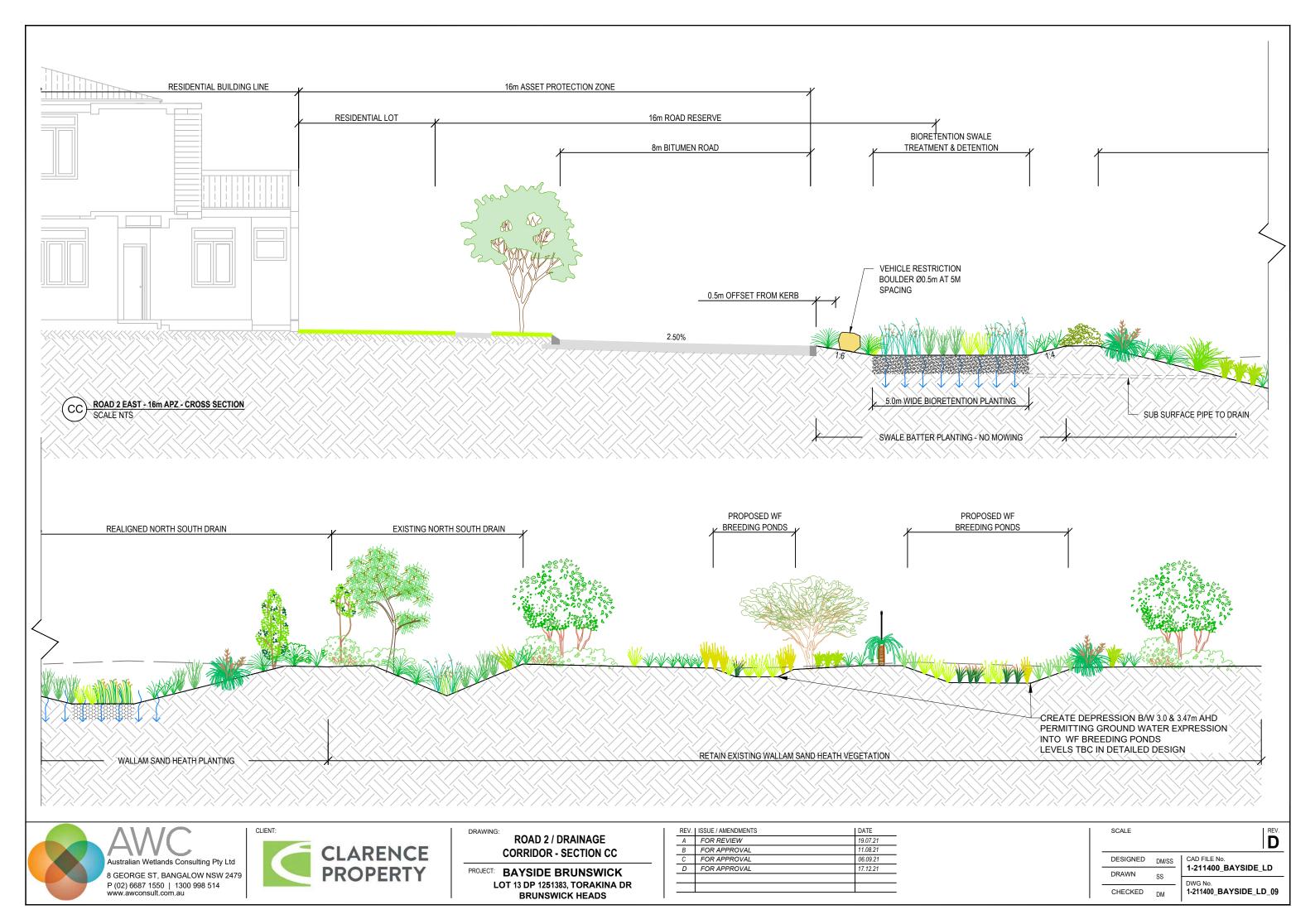


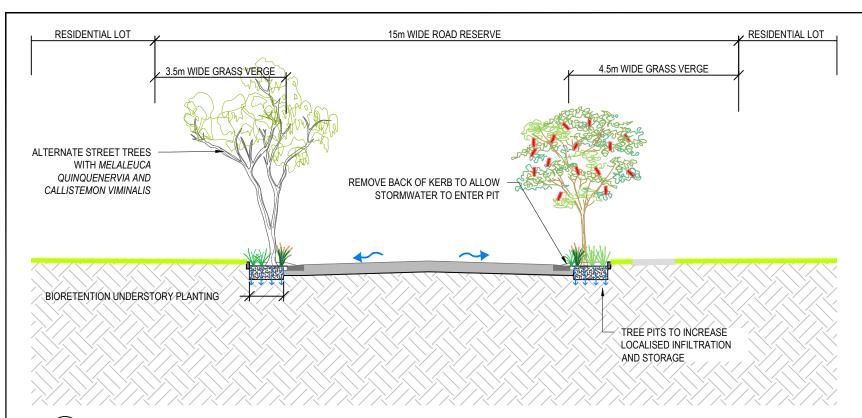








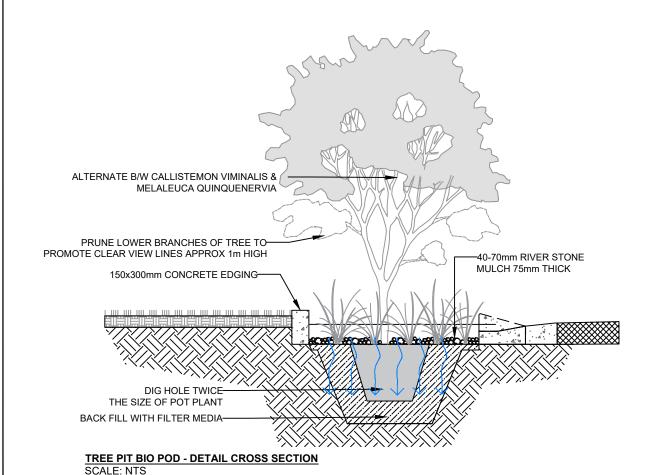


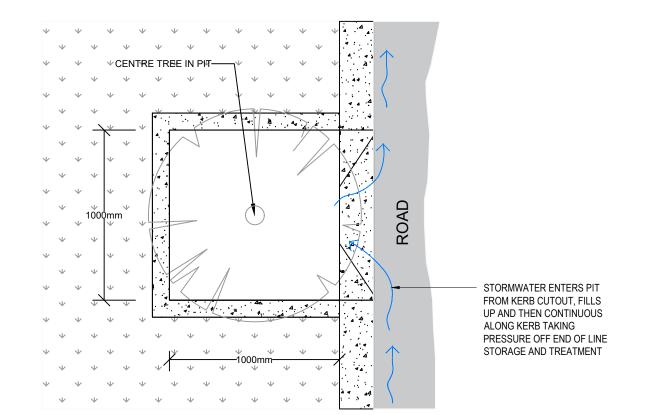


TREE PITS TO INCREASE LOCALISED INFILTRATION AND STORAGE

ROAD 2-5 - STREET TREE - TREE PITS -CROSS SECTION SCALE 1:100

ROAD 2-5 - STREET TREE - TREE PITS - PLAN SCALE 1:200





TREE PIT BIO POD - DETAIL PLAN SCALE: NTS

Australian Wetlands Consulting Pty Ltd

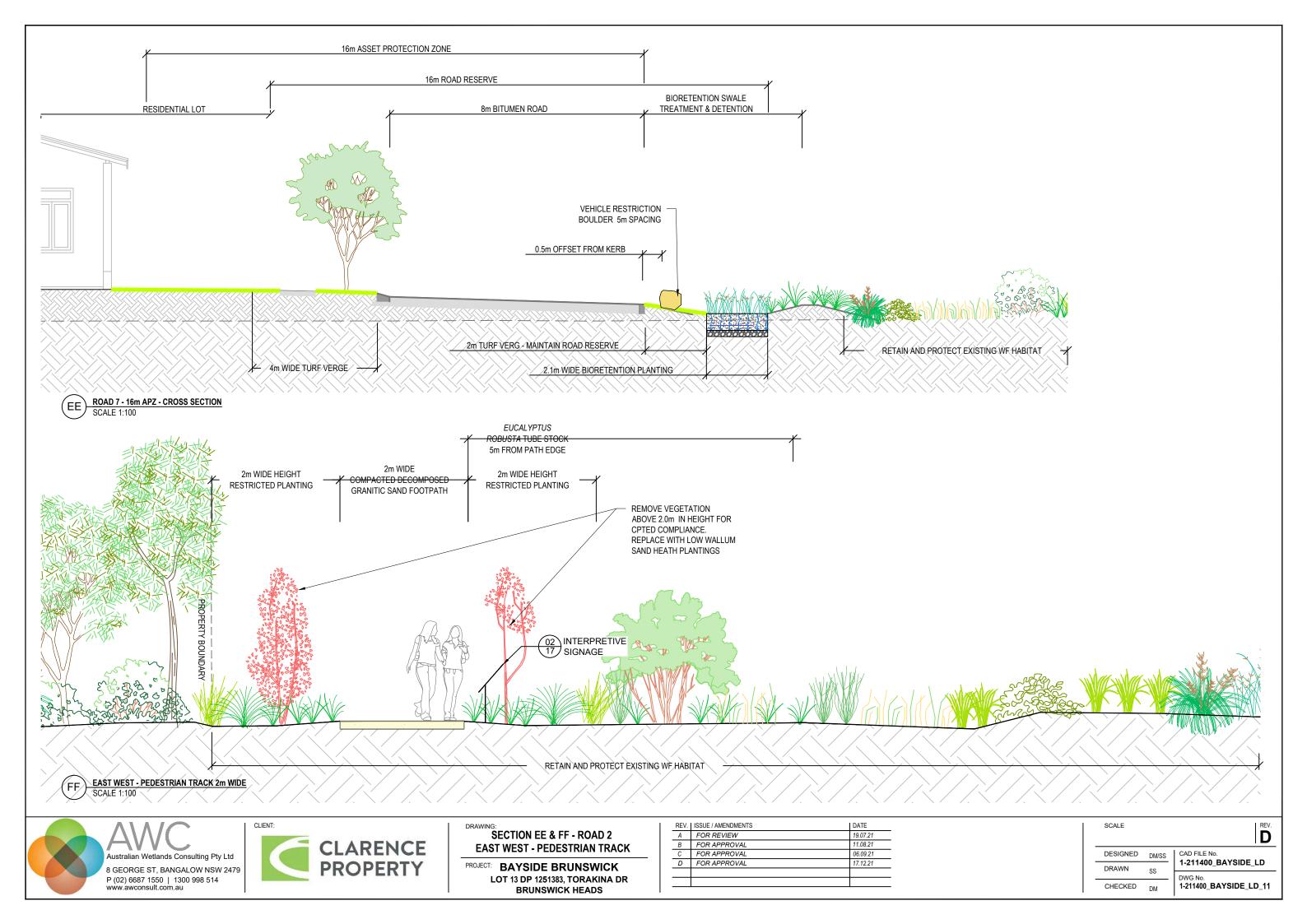
8 GEORGE ST, BANGALOW NSW 2479
P (02) 6687 1550 | 1300 998 514
www.awconsult.com.au

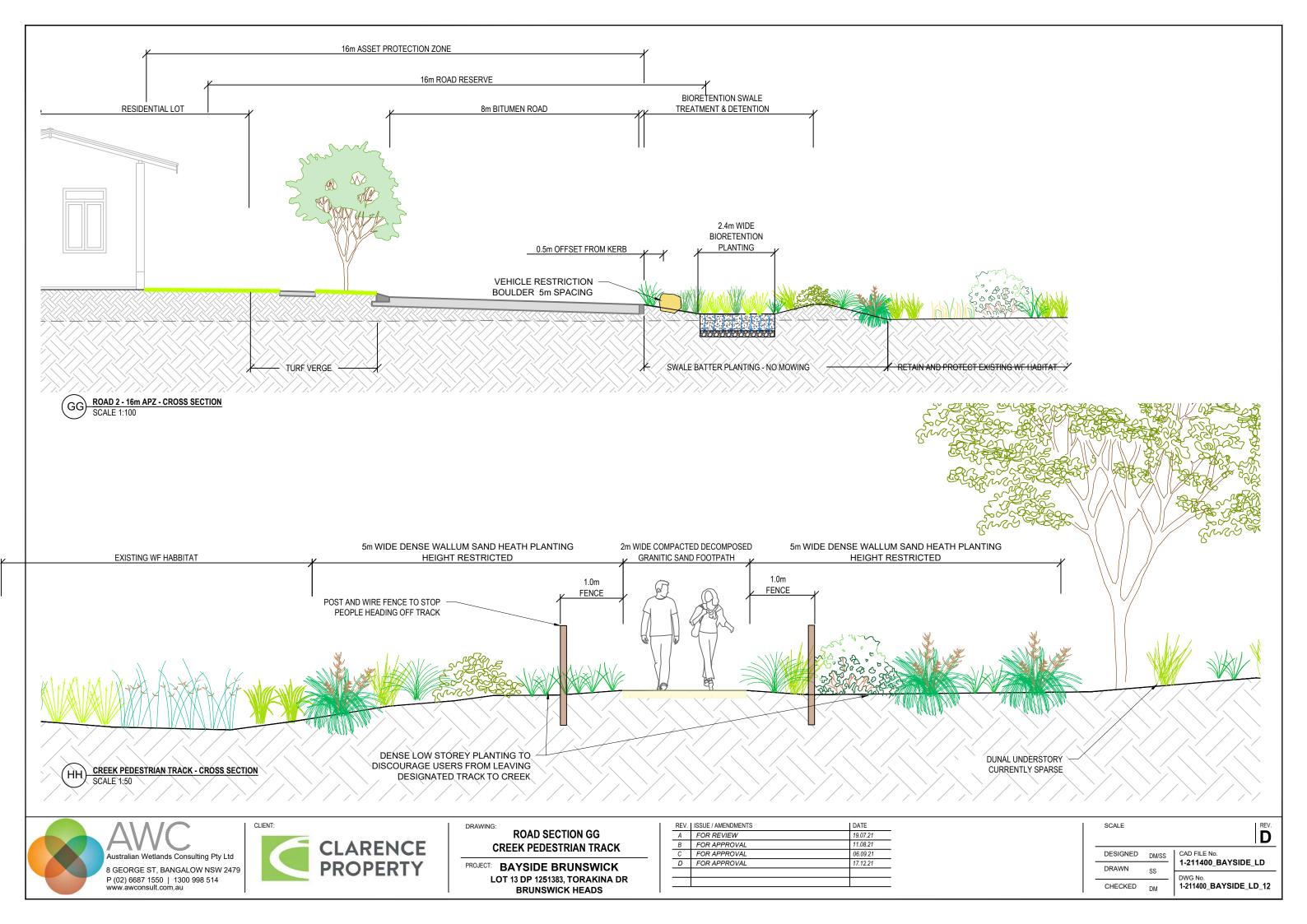


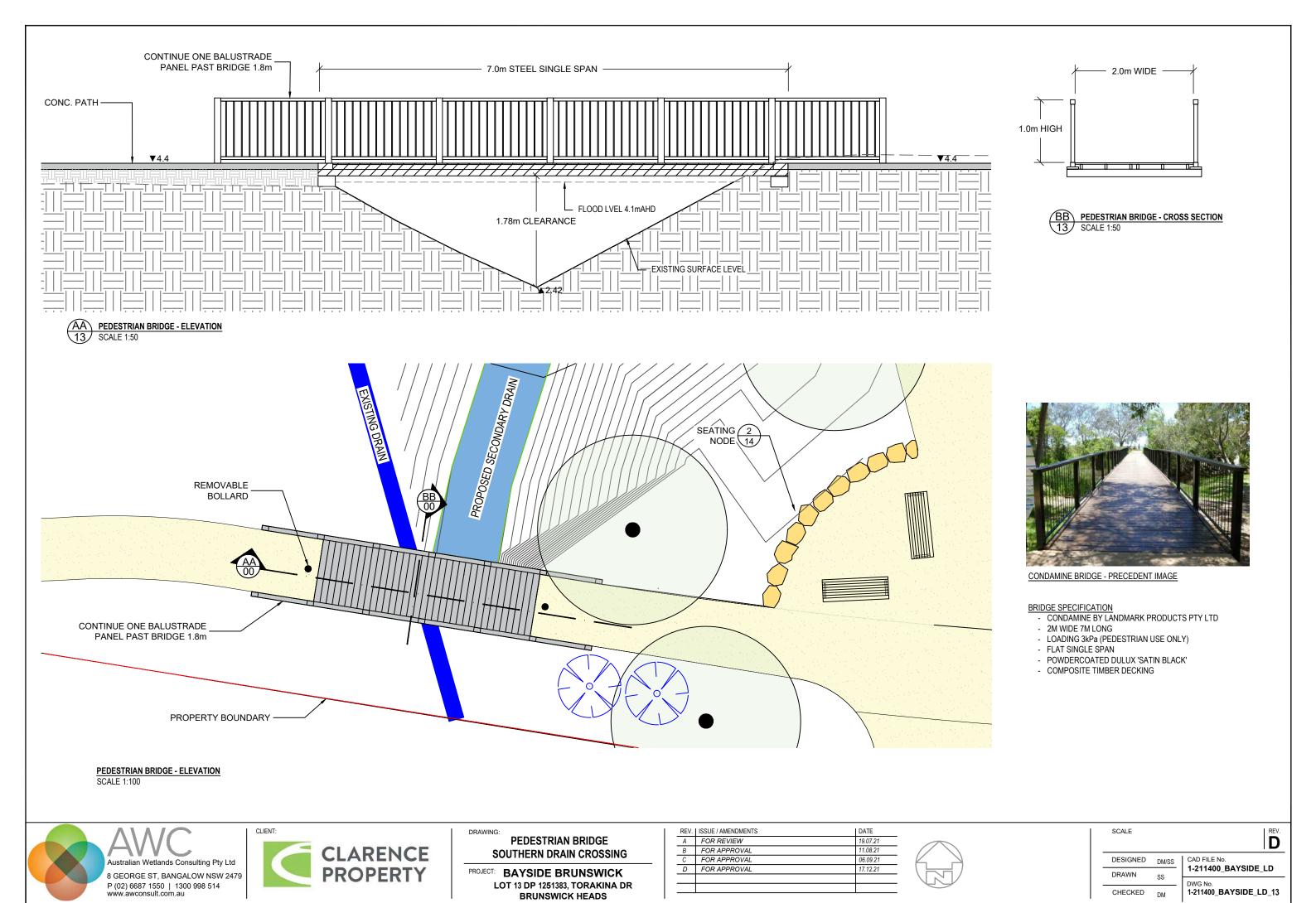
ROAD 3-5 STREET TREE PIT SECTION DD

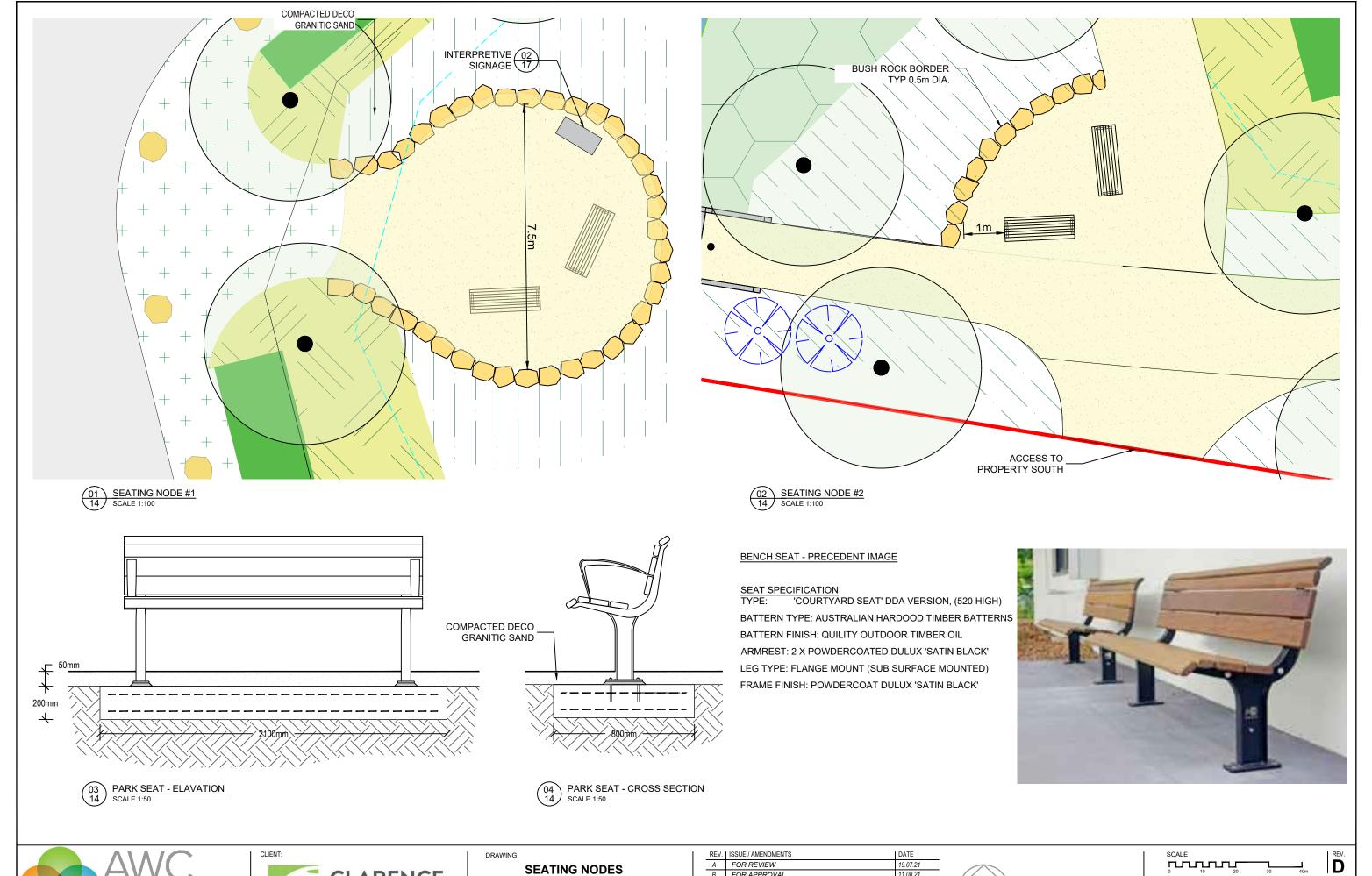
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SEATING NODES

PROJECT: BAYSIDE BRUNSWICK **LOT 13 DP 1251383, TORAKINA DR BRUNSWICK HEADS**

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WALLUM FROGLET HABITAT PLANTING ZONE								
Scientific name	Common name	Туре	Pot Size	Density/m²	% Prop	QTY		
Baloskion pallens	Bog Rush	G	Hiko	4	10			
Baloskion tetraphyllum subsp. meiostachyum	Plume Rush	G	Hiko	4	10			
Baumea rubiginosa	Slender twig rush	G	Hiko	4	10			
Blechnum indicum	Water Fern	G	Hiko	4	10			
Callistemon pachyphyllus	Wallum Bottlebrush	S	Tube	4	10			
Gahnia clarkei	Saw-sedge	G	Hiko	4	10			
Boronia falcifolia	Wallum Boronia	S	Hiko	4	10			
Leptospermum liversidgei	Wallum Tea-tree	S	Tube	4	10			
Melastoma affine	Blue-tongue	G	Hiko	4	10			
Schoenus brevifolius	Zig-zag bog rush	G	Hiko	4	10			
				TOTAL	100			
Distribution of plants should in clumps of 5-10	plants of the same species	to ensu	re propaga	ation can rea	dily occur			
Shrubs to be planted top half of batter not on ba	asin floor. Plant in clumps o	of 3 or 5						

WALLUM SAND HEATH - PLANTING ZONE - UPPER BATTER									
	Common name	Туре	Pot Size	Density/m ²	% Prop	QTY			
Baloskion tetraphyllum subsp. meiostachyum	Plume Rush	S	Tube	2	30				
Blechnum indicum	Water Fern	S	Tube	4	30				
Schoenus brevifolius	Zig-zag bog rush	ST	Tube	4	40				
	,		•	TOTAL	100				

WALLUM SAND HEATH - PLANTING ZONE - TOE OF BATTER								
	Common name	Туре	Pot Size	Density/m²	% Prop	QTY		
Baloskion tetraphyllum subsp. meiostachyum	Plume Rush	G	Hiko	4	25			
Baumea rubiginosa	Twig-rush	G	Hiko	4	25			
Baumea articulata	Jointed Twig-rush	G	Hiko	4	25			
Lepironia articulata	Grey Rush	G	Hiko	4	25			
			,	TOTAL	100			

Scientific name	Common name	Туре	Pot Size	Density/m ²	% Prop	QTY
Acacia ulicifolia	Prickly Moses	S	Tube	4	3	
Acacia suaveolens	Sweet Wattle	S	Tube	4	3	
Acronychia imperforata	Beach Acronychia	ST	Tube	4	1	
Allocasuarina littoralis	Black She-oak	S	Tube	4	3	
Aotus ericoides	Golden Pea	S	Hiko	4	3	
Aotus lanigera	Hairy Aotus	S	Tube	4	3	
Austromyrtus dulcis	Midyim	S	Tube	4	4	
Baeckea frutescens	Weeping Baeckea	S	Tube	4	3	
Banksia aemula	Wallum Banksia	S	Tube	4	4	
Banksia ericifolia subsp. ericifolia	Heath-leaved Banksia	S	Tube	4	3	
Banksia integrifolia subsp. Integrifolia	Coast Banksia	S	Tube	4	3	
Cupaniopsis anacardioides	Tuckeroo	ST	Tube	4	1	
Dianella caerulea	Flax Lily	G	Hiko	4	20	
Elaeocarpus reticulatus	Blueberry Ash	ST	Tube	4	1	
Gahnia clarkei	Saw-sedge	G	Hiko	4	20	
Leucopogon parviflorus	Beard Heath	S	Tube	4	2	
Leptospermum trinervium	Slender Tea-tree	ST	Tube	4	1	
Lomandra longifolia	Mat-rush	G	Hiko	4	20	
Melaleuca quinquenervia	Broad-leaved Paperbark	Т	Tube	4	1	
Persoonia stradbrokensis	Geebung	ST	Tube	4	1	
				TOTAL	100	

Scientific name	Common name	CODE	Pot Size	Height m	Spread m	QTY
Acmena hemilampra*	Broad Leaf Lily Pilly	AHE	45L	4 - 6m	2 - 3m	
Acronychia imperforata*	Beach Acronychia	AIM	45L	5 - 8m	3 - 4m	
Banksia integrifolia	Coastle banksia	BIN	45L	4 -15m	1-6m	
Cupaniopsis anacardioides*	Tuckeroo	CAN	45L	8 - 15m	3 - 5m	
Callistemon viminalis	Weeping Bottlebrush	CVI	45L	4 - 6m	3 - 4m	
Elaeocarpus obovatus	Blueberry Ash	ERE	45L	10 - 25m	4 - 10m	
Flindersia bennettiana	Bennetts Ash	FBE	45L	10 - 30m	10 - 15m	
Lophostemon confertus	Brush Box	LCO	45L	10 - 15m	5 -15m	
Melaleuca quinquenervia	Broad-leaved Paperbark	MQU	45L	8 -25 m	5 - 10m	
Tristaniopsis laurina*	Water Gum	TLA	45L	6 - 12m	4 - 6m	
Melicope elleryana*	Pink Euodia	MEL	45L	6 - 10m	3 - 4m	
				***************************************	TOTAL	

FIRE RETARDANT PLANTING ZONE							
Scientific name	Common name	Туре	Pot Size	Density/m²	% Prop	QTY	
Austromyrtus dulcis	Midyim Berry	S	Hiko	6	5		
Boronia falcifolia	Wallum Boronia	s	Hiko	6	5		
Dianella caerulea	Flaw Lily	G	Tube	6	40		
Lomandra confertifolia	Lomandra confertifolia	G	Tube	6	40		
Melastoma affine	Blue Tongue	S	Hiko	6	5		
Westringia fruticosa	Coastal Rosemary	S	Hiko	6	5		
	E .			TOTAL	100		

BIO RETENTION PLANTING PLANTING ZONE						
Scientific name	Common name	Туре	Pot Size	Density/m ²	% Prop	QTY
Baloskion pallens	Bog Rush	G	Hiko	8	11	
Baloskion tetraphyllum subsp. meiostachyum	Plume Rush	G	Hiko	8	11	
Baumea rubiginosa	Slender twig rush	G	Hiko	8	11	
Blechnum indicum	Water Fern	G	Hiko	8	11	
Facinia nodosa	Knobby club-sedge	G	Hiko	8	12	
Gahnia clarkei	Saw-sedge	G	Hiko	8	11	
Imperata cylindrica	Blady grass	G	Hiko	8	11	
Lomandra longifolia	Spiny-headed mat-rush	G	Hiko	8	11	
Schoenus brevifolius	Zig-zag bog rush	G	Hiko	8	11	
				TOTAL	100	

TURF					
Scientific name	Common name	G/m2	% Prop	Area	Total kg
Cynodon dactylon Green Couch			100		
Turf to be hydro seeded, confirm g /m2 with manufacturer specification					



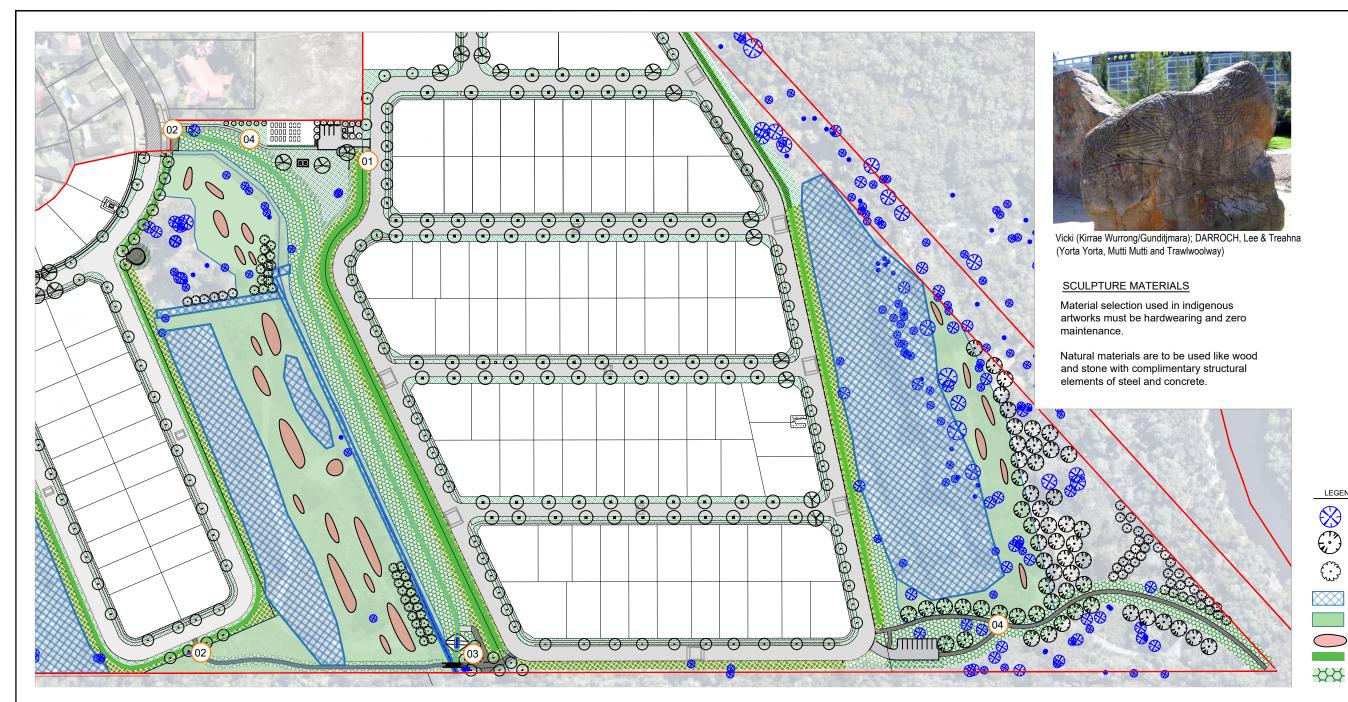


DRAWING:

PLANT SCHEDULE

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ENTRYWAY SCULPTURE
Signifying to user they are within Wallum.
Interface the road and parkland / community
garden space.

WAYPOINT SCULPTURE
Positioned at beginning of path.
creating link with larger sculpture at park,
leading people into Wallum.

FURNITURE SCULPTURE
Positioned at beginning of path.
Waypoint creating link with larger sculpture
at park and theme throughout development.

04 GROUND SURFACE SCULPTURE
Surface details stamped into concrete could
be implemented at locations accompanying
sculptures or alone on granitic sand tracks
creating points of interest and strengthening
visual theme of Wallum.



"Totem pole" by Darren Wighton



"Vertical Message" Sticks by Girralang (Carmel Taylor)



"Googar" by Darren Wighton



EXISTING TREE
TO BE RETAINED AND PROTECTED
EUCALYPTUS ROBUSTA

ALLOCASUARINA LITTORALIS

CONSTRUCTED WF BREEDING POND

BIORETENTION SWALE - NOT MOWN

WALLAM SAND HEATH PLANTING

KOALA FEED TREE

COCKATOO FEED TREE
EXISTING WF HABITAT
OFFSET WF HABITAT AREA

Vicki (Kirrae Wurrong/Gunditjmara); DARROCH, Lee & Treahna (Yorta Yorta, Mutti Mutti and Trawlwoolway)





INDIGENOUS SCULPTURE PLAN

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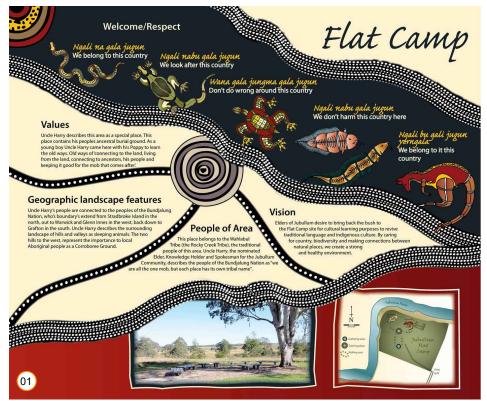


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INTERPRETIVE SIGNAGE

The signage will include information on the indigenous history and ecological values of the site and area, making reference to rehabilitation, habitat creation and fee trees where appropriate. Wallum heath flora and fauna





INDIGENOUS HISTORTY

Interpretive signage for indigenous culture, could include topics like site importance, bush foods of the Wallum heath, proximately to Simpson creek and coast. Consultation with the local Tweed Byron LALC will be required to access knowledge and get approval.

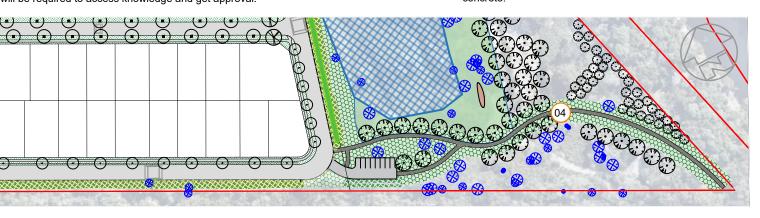


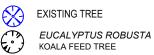




SIGNAGE MATERIALS

Material selection used in indigenous artworks must be hardwearing and zero maintenance. Natural materials are to be used like wood and stone with complimentary structural elements of steel and concrete.





LEGEND

ALLOCASUARINA LITTORALIS
COCKATOO FEED TREE

EXISTING WF HABITAT

OFFSET WF HABITAT AREA

CONSTRUCTED WF BREEDING POND

BIORETENTION SWALE

WALLAM SAND HEATH PLANTING



WALLUM HEATH ECOLOGICAL COMMUNITY Content to include information on the flora and fauna that existing in this community and rehabilitation works undergone in this riparian



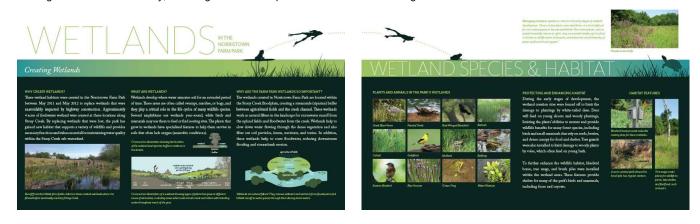
CONSTRUCTED WALLUM BRREDING PONDS Positioned beside the constructed breeding ponds, this sign can explain the complex habitat required for the Wallum Froglet (Crinia tinnula) or Acid Frod. Ground water expression and high PH levels



KOALA AND COCKATOO FEED TREES Located along the path leading down to Simpson Creek. Sinage to be installed explaining the plantings of *Eucalyptus robusta* for Koalas and *Allocasuarina littoralis* for Glossy Black Cockatoos

PRECEDENT SIGN

The Wallum Sand Heath Ecological Community could be split into. two panels. One describing the physical condition of the site, soil profile and groundwater connectivity, including sections and plans. The second containing a breakdown of flora and fauna and habitat.







CLIENT:

INTERPRETIVE SIGNAGE PLAN

PROJECT: BAYSIDE BRUNSWICK
LOT 13 DP 1251383, TORAKINA DR
BRUNSWICK HEADS

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SIGNAGE NOTE:
Final sign locations, content and materials
will be developed in detailed design phase.
Consultation with council and author cultural

authorities will be undertaken in this process.

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