LANDSCAPE NOTES:

TREES IN CAR PARK ZONE: TREES IN CONTINUOUS / CONNECTED SOIL ZONE WITH PERMEABLE PAVEMENT OVER STRUCTURAL SUPPORT SOIL TYPE F1*. (E.G. Ecotrihex, Adbri). - AERATION (VIA SLOTTED AGLINES) TO WHOLE PERMEABLE

ZONE. - IRRIGATION TO WHOLE ZONE VIA BOTH SURFACE RUNOFF (PASSIVE CAPTURE) AND RAINWATER SUB TERRANEAN IRRIGATION.

- ANY EDGES OR KERBS TO PERMEABLE ZONE OR TREE PITS TO BE FLUSH OR DISCONTINUOUS KERBS TO ALLOW - WATER TO PASS INTO TREE PITS AND PERMEABLE ZONE.

- TREE PIT FINISHED LEVEL TO BE 50-80mm SET DOWN FOR WATER CAPTURE AND REDUCTION OF MULCH MIGRATION. - FALLS OF AND TO THE PERMEABLE PAVED ZONE AND SURROUNDS TO BE DESIGNED BY ENGINEER TO ALLOW SURFACE WATER TO FLOW ACCROSS PERMEABLE PAVERS. - TREE PIT SOIL TO BE SOIL TYPE D4 + B2 (use P sensitive range) *(Leake S & Haege E, 2014, Soils for Landscape Development, CSIRO

Publishing). - TREE SOIL VOLUME ALLOCATION: Tree pit openings are 1.4m2, Permeable soil area allocation: between 5.3-5.6m2 per tree. Volumes as per the Soil Volume Simulator (Haege and Leake, 2017). Case study for 13 trees in continuous rooting zone shows adequate volume if using structural support systems, however tree pit allocation is slightly deficient 1.4m2 versus 4.5m2. Albeit, the design accommodates for some tree stunting. (refer to soil volume workings sheet provided in this package). Note: With structural support soil : soil volumes can only be attributed to the non rock component. Structural support cells would allow for greater soil volume in the same place.

- TREE SPECIES/PLANTING EXAMPLES FOR TREES IN CARPARK ZONE: Eucalyptus punctata or Eucalyptus capitallata or Eucalyptus sideroxylon or Eucalyptus microcorys.

SOIL KEY: THE SOIL TYPES SHOWN ON THE PLANS CORELLATE WITH THE SOIL PERFORMANCE SPECIFICATIONS IN: Leake and Haege, 2014, Soils for Landscape Development. CSIRO Publishing

FOR THIS PROJECT, VARIOUS SOIL TYPES ARE REQUIRED DEPENDING ON THE LANDSCAPE TYPE AND LOCATION. IN GENERAL: -SOIL IN RAISED PLANTERS: SOIL TYPE E1+E2 (DEPTHS TBC) - SOIL IN CAR PARK TREE PITS: SOIL TYPE D4+D2 (LOW PHOSPHORUS RANGE) DEPTHS TBC DEPENDING

ON TREE POT SIZES. - SOIL UNDER PERMEABLE PAVEMENT: SOIL TYPE F1 (STRUCTURAL SUPPORT SOILS) 1m DEPTH MIN. - SOIL IN GENERAL GARDEN BEDS: SOIL TYPE D2 (TOP 300mm) AND TBC FOR B HORIZON. - SOIL ON EMBANKMENTS: SOIL TYPE D1 (TOP 300mm) AND TBC FOR B HORIZON. LOW PHOSPHORUS RANGE.

IT IS ENVISAGED FOR THIS PROJECT THAT ALL TOPSOIL WILL BE IMPORTED AND THAT MOST SUBSOIL WILL BE DISTURBED DURING CONSTRUCTION AND ITS SUITABILITY (FOR REUSE, AMELIORATION OR OTHER) IS TO BE DETERMINED BY THE PROJECT LANDSCAPE ARCHITECT AT DETAIL DESIGN PHASE. PHOSPHORUS SENSITIVE PLANT SPECIES HAVE BEEN SELECTED FOR THIS PROJECT. ALLOW FOR ALL SOIL TYPES TO BE WITHIN THE PHOSPHORUS SENSITIVE RANGE FOR THIS PROJECT. MULCH TYPES AND FINISHED LEVELS ARE TO BE CONFIRMED AT DETAIL DESIGN PHASE.

CIVIL ENGINEERING BASE FROM VAN DER MEER SHOWN AS UNDERLAY

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purpose whatsoever is restricted to the terms of the written agreement between Elke Haege Landscape Architects and the instructing party. Registered Landscape Architect AILA (#001539) The contractor shall check and verify all work on site (including work by	- - H	- Updated. For Development Application Updated. For Development Application	- EDH EDH	- EDH EDH	 03.08.18 31.07.18		Existing tree proposed	Low hedge groundcov
others) before commencing the landscape installation. Any discrepancies are to be reported to the Project Manager or Landscape Architect prior to commencing work. Do not scale this drawing. Any required dimensions not shown must be referred to the Landscape Architect for confirmation. The	G F E D	Updated. For Development Application Updated. For Development Application Updated. For Development Application Updated. For Development Application	EDH EDH EDH EDH	EDH EDH EDH EDH	30.07.18 29.07.18 25.07.18 17.07.18		for retention	Embankment Native Vegeta retained.
Contractor must not construct from this drawing unless it marked 'Issue for Construction'. The Contractor acknowledges this drawing may be one of a number of drawings which together document the landscape design and works.	C B A Issue	Updated. For Development Application Updated. For internal confirmation Draft. For internal confirmation Revision Description	EDH EDH EDH Drawn	EDH EDH EDH Check	13.07.18 06.07.18 30.05.18 Date		Existing tree proposed for removal	Turf and unde Climbing Plan

AND NORTHRIDGE DRIVE.

ROOF DRAINAGE

DETAILS.

CMGT

CONNECTION. REFER TO HYDRAULIC ENGINEERS

PLANTERS WITH

STAIR LINK.

CYLEWA

LOW GROUNDCOVERS AROUND

SCREEN SHRUBS TO VISUALLY

SCREEN SERVICE AREA AND

SUBSTATION.

SUBSTATIONS.

FUTURE DEVELOPMENT

PROPOSED SHRUBS AND SCREEN

PROPSOED EMBANKMENT ADJACENT

PLANTING FOR STABILISATION OF

RETAINING WALLS.

ROAD LINK

DEVELOPMENT

ABRASIVE BLAST FINISH (HEAVY) TO TRAM

SHAPE. ALLOW FOR LASER CUT STEEL TEMPLATE TO CREATE PATTERN. USE BLACK

AGGREGATE REPLICATES THE EXISTING

ANDREWS NEIL - PAMBULONG FOREST

GEORGE BOOTH DRIVE, WEST WALLSEND.

HERITAGE GRAMWAY CYCLEWAY PLAN.

BALLAST'. HERITAGE INTERPRETATION FROM:

HYDROSEED-

EMBANKMENTS.

AGGREGATE SO THAT THE EXPOSED

TO NEW

FUTURE DEVELOPMENT SITES TO BE LEVELLED OUT AND GRASS SEEEDED.

RETAIN AND MAINTAIN THE EXISTING NEWLY PLANTED

STREET TREES AND TURF ALONG PORTLAND DRIVE AND

NORTHRIDGE DRIVE

ROLL TURF TO

EMBANKMENTS

VERGE

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PROJECT: Cameron Park Plaza, 309 George Booth Drive, Cameron Park LANDSCAPE ARCHITECTURAL DA APPROACH AND CONSIDERATIONS

THE SITE AND PROPOSED DESIGN IS EXPOSED TO WESTERLY WINDS AND HIGH LEVELS OF SOLAR EXPOSURE

KEY LANDSCAPE FEATURES INCLUDE: THERE ARE 6 MAIN LANDSCAPE ZONES IN THIS PROPOSAL BEING:

- THE REVEGETATED ZONE SOUTH OF THE CYCLEWAY (TO BE REGENERATED AND REVEGETATED WITH COASTAL
- PLAINS STRINGYBARK APPLE FOREST SPECIES). REFER TO PLANT SCHEDULE. - THE EMBANKMENT PLANTING ALONG THE SOUTHERN AND WESTERN BOUNDARY ZONES OF THE SITE. THE PLANTING SPECIES PROPSOED ARE ALSO PROPOSED TO COME FROM THE THE COASTAL PLAINS STRINGY BARK APPLE FOREST
- PLANT LIST). - TREES WITHIN THE CAR PARK THAT ARE PROPOSED WITHIN CONTIGUOUS SOIL PIT ZONES, WTH PERMEABLE PAVEMENT, AND TO RECEIVE SURFACE WATER INFILTRATION.
- LANDSCAPE VERGE PLANTING CONSISTING PREDOMINANTLY OF NATIVE TREES IN AVENUES IN TURF - CLIMBERS PROPOSED TO THE NORTH FACING WALL OF THE LOADING DOCK ON CABLES WITH CONTINUOUS

SOIL/GROWING AREA. - THE CYLEWAY ALONG THE SOUTHERN ZONE OUTSIDE THE SITE BOUNDARY IS PROPOSED TO HAVE AN 'ABRASIVE BLAST FINISH (HEAVY) TO TRAM SHAPE. ALLOW FOR LASER CUT STEEL TEMPLATE TO CREATE PATTERN. USE BLACK AGGREGATE SO THAT THE EXPOSED AGGREGATE REPLICATES THE EXISTING BALLAST'. (AS PER THE ANDREWS NEIL 'PAMBULONG FOREST HERITAGE TRAMWAY CYCLEWAY - GEORGE BOOTH DRIVE, WEST WALLSEND' REPORT.

LANDSCAPE SPECIFICATION NOTES FOR DEVELOPMENT APPLICATION -LAKE MACQUARIE CITY COUNCIL

THE FOLLOWING IS A SUMMARY OF THE PROPOSED LANDSCAPE REQUIREMENTS (WHICH ARE TO BE FURTHER DEVELOPED POST DA PHASE):

ALL PLANTS AND TREES INSTALLED ARE TO MEET NATSPEC QUALITY. BE DERIVED FROM LOCALLY SOURCED PLANT NURSERIES/BUSHCARE GROWERS WHERE APPLICABLE). ORDER ALL PLANTS WELL IN ADVANCE TO ENSURE NO SUBSTITUTES ARE NEEDED. ORDER PLANTS WITHIN 14 DAYS OF BEING AWARDED THE CONTRACT (AND PROVIDE THE CONFIRMATION OF PLANT

ORDER TO THE CLIENT AND LANDSCAPE ARCHITECT). NO SUBSTITUTES ARE ACCEPTABLE UNLESS THE LANDSCAPE ARCHITECT PROVIDES PRIOR WRITTEN APPROVAL.

- A SUITABLY QUALIFIED AND EXPERIENCED LANDSCAPE CONTRACTOR IS TO BE ENGAGED AND IS TO WORK TOGETHER AND COMMUNICATE WITH THE PROJECT LANDSCAPE ARCHITECT TO ENSURE SOILS. MULCH. PLANTS AND DESIGN INTENT ARE MET. THE D.A. PLANS ARE NOT FOR CONSTRUCTION. A SUITABLY QUALIFIED AND EXPERIENCED BUSHLAND REVEGETATION CONRACTOR IS RECOMMENDED TO UNDERTAKE THE PROPOSED REGENERATION AND EMBANKMENT INSTALLATION WORKS. THE EMBANKMENT IS PROPOSED TO HAVE JUTE MATTING (AS DETAILED AFTER DA).
- PAPERWORK SIGN OFF AND CERTIFICATES/LETTERS: THE LANDSCAPE CONTRACTOR IS TO OBTAIN SUITABLE LETTERS / CERTIFICATES OR PROOF FOR THE FOLLOWING:
 - ALL NATSPEC QUALITY PLANTS SUPPLIED AND INSTALLED
 - SUBSOIL SUITABILITY (TEST) AND AMELIORATIONS - SOIL DEPTH, MULCH AND SOIL TYPE COMPLIANCES FROM SOIL SUPPLIERS TO THE SOIL TYPE SPECIFIED - DRAINAGE AND IRRIGATION INSTALLED AND FUNCTIONING
 - ESTABLISHMENT AND MAINTENANCE AND ASSOCIATED LOGBOOK
- SOIL DEPTHS, TYPES, CERTIFICATION AND SIGN OFF ON SUITABLE SOILS FOR THIS PROJECT ARE TO BE DETAILED POST DA PHASE. NOTE: VARIOUS SOIL TYPES ARE REQUIRED FOR THIS PROJECT.
- ON GRADE SOIL TYPES: HORIZON A: TOPSOIL 300mm, AND HORIZON B: SUBSOIL: MINIMUM 300mm . IMPORTED SOIL IS LIKELY TO BE REQUIRED FOR THIS PROJECT EXCEPT IN THE REGENERATION ZONES.

(SOIL DETAILS AND INSTALLATION TO BE DIRECTED AND SUPERVISED AT DOCUMENTATION AND IMPLEMENTATION PHASE BY THE PROJECT LANDSCAPE ARCHITECT).

- THE SOIL TYPES WILL BE DENOTED ON THE PLAN AND PLANTING DETAILS.
- IN THIS PROJECT SITE SUBSOIL MIGHT BE USEABLE / MEET THE PROPOSED LANDSCAPE REQUIREMENTS. THE SOIL APPROACH METHOD IS TO BE AS PER THE INSTRUCTIONS OF THE PROJECT LANSCAPE ARCHITECT AT CONSTRUCTION AND DOCUMENTATION PHASES

SOIL TYPES AND SPECIFICATIONS: ARE AS SHOWN ON THE PLANS AND SPECIFICATIONS CORRESPOND WITH SOIL CODES IN: Leake and Haege, 2014, Soils for Landscape Development, CSIRO publishing. IN LOCATIONS WHERE EXISTING SOIL IS GONIG TO BE RETAINED (BUSH REGENERATION ZONES), SOME SOIL CONDITIONING/AMELIORATION MAY BE NEEDED BY INCORPORATING MATURED MANURES OR LIQUID APPLICATIONS FOR EXAMPLE (AS DIRECTED BY THE LANDSCAPE ARCHITECT). LOW PHOSPHOROUS REQUIREMENTS WILL ALSO BE DETAILED.

- MULCH TYPES: FINISHED TOPSOIL LEVELS ARE TO BE EVENLY SPREAD PRIOR TO INSTALLING 75 mm DEEP MULCH ON TOP OF INSTALLED SUB SURFACE IRRIGATION AND ON TOP OF THE FINISHED TOPSOIL. INSTALL MULCH TO ALL GARDEN BEDS/PLANTED AREAS. THE MULCH TYPE IS TO COMPLY WITH AS4454 THE TOP OF THE MULCH LAYER IS TO FINISH 10 MM BELOW ADJOINING HARD SURFACES (E.G. PATHS).
- DRAINAGE ON GRADE: ENSURE THAT ALL PLANTED AREAS INCLUDING LAWN DRAINS FREELY AND ADEQUATELY. ALLOW A MINIMUM OF 600 mm DEPTH BELOW THE SOIL WHERE TREES ARE PLANTED (SO AS TREE/SHRUB PLANTINGS HAVE ADEQUATE SOIL DEPTH - FOR DRAINAGE). WHERE DRAINAGE IS NOT NATURALLY OCCURING, INSTALL DRAINAGE APPROPRIATE TO THE SITE SUCH AS BURIED SUBSOIL DRAINAGE OR VERTICAL DRAINAGE. FOR DETAIL ON BURIED SUBSOIL DRAINAGE AND VERTICAL DRAINAGE REFER TO LEAKE AND HAEGE 2014. (THIS IS FIRST TO BE APPROVED BY THE PROJECT LANDSCAPE ARCHITECT)
- IRRIGATION

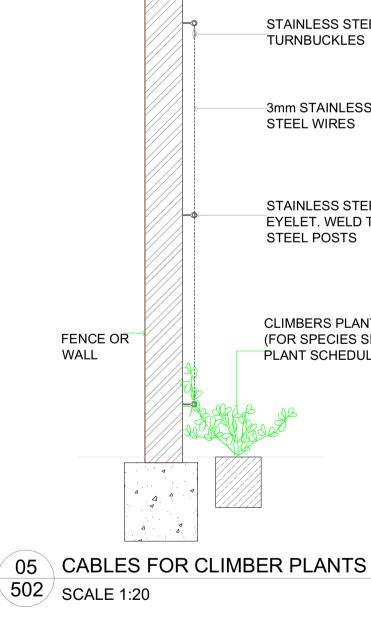
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WHERE SURROUNDING SURFACE RUNOFF / PASSIVE IRRIGATION IS NOT CONSIDERED ADEQUATE FOR SUITABLE IRRIGATION TO THE PROPOSED LANDSCAPE, RAINWATER IRRIGATION IS PROPOSED.

- THE MAINTENANCE AND ESTABLISHMENT PERIOD IS TO BE FOR 12 MONTHS FROM PRACTICAL COMPLETION. A CERTIFICATE BY THE LANDSCAPE ARCHITECT IS REQUIRED TO CERTIFY THAT THE FOLLOWING HAS OCCURRED: COMPLETION OF THE INSTALLED LANDSCAPE IN ACCORDANCE WITH THE DOCUMENTATION LANDSCAPE PLANS, ESTABLISHMENT AND MAINTENANCE IS TO PROVIDE SUITALBE FOR THE OPTIMUM HEALTH AND GROWTH OF THE PLANT DEVELOPMENT: PRUNING, PLANT REPLACEMENTS, MULCHING, WATERING/ IRRIGATION CHECK/FIX, CLIMBER DIRECTING, FERTILIZING, MOWING, WEEDING, REPLACING DEAD/DISEASED PLANTS, TREE MONITORING, REPORTING ON PROGRESS), FINAL SIGN OFF AT COMPLETION. - A FINAL SIGN OFF LETTER BY THE LANDSCAPE CONTRACTOR IS TO BE PROVIDED TO THE LANDSCAPE ARCHITECT FOR BOTH THE LANDSCAPE INSTALLATION AND THE MAIINTENANCE AND ESTABLISHMENT PERIODS.
- SIGN OFF / CERTIFICATION IS TO BE BY THE PROJECT LANDSCAPE ARCHITECT DURING THE CONSTRUCTION PHASE AND THEN AT THE END OF CONSTRUCTION, FOR THE PROVISION OF A PRACTICAL COMPLETION CERTIFICATION AND A FINAL TIME AT THE END OF THE MAINTENANCE/ESTABLISHMENT PERIOD; THEREFORE IT IS IMPORTANT THAT THE LANDSCAPE ARCHITECT BE ENGAGED AND COMMUNICATED WITH THROUGH THE PROCESS.

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Registered Landscape Architect AILA (#001539) The contractor shall check and verify all work on site (including work by	-	-	-	-			
others) before commencing the landscape installation. Any discrepancies are to be reported to the Project Manager or Landscape Architect prior to commencing work. Do not scale this drawing. Any required dimensions not	-	-	-	-	-		
shown must be referred to the Landscape Architect for confirmation. The Contractor must not construct from this drawing unless it marked 'Issue for Construction'. The Contractor acknowledges this drawing may be one of a number of drawings which together document the landscape design and works.	-	-	-	-	-		
	A	Development Application	EDH	EDH	06.07.18		
	Issue	Revision Description	Drawn	Check	Date		

Proposed Planting Schedule for D	A :			
Cameron Park Plaza, 309 George E		rk, NSW		
Client: Fabcot Pty Ltd on Co	ouncil: Lake Macquarie			
Project Reference number: 1803_d	· · ·			
Elke Haege Landscape Architect & Co	Size in Context	6th July 2018		
	15 - 20 yrs		Native,	
			Installation	Native cv.
Botanic Name	Common Name	(height x width) (m)	Pot Size	Or exotic
Proposed planting for the: revegea	tion Area by cycle path a	and on the embankm	ents	
Proposed Trees - Coastal Plains Strin				
Angophora costata	Box Apple	6.5 x 2.5	45L	Native
Corymbia gummiffera	Red bloodwood	7 x 4	75L	Native
Eucalyptus globoidea	White Stringybark	20 x 3	45L	Native
Eucalyptus piperita	Peppermint Gum	7 x 4	25L	Native
Eucalyptus punctata	Grey Gum	7 x 4	25L	Native
Eucalyptus resinifera	Red Mahogany	8 x 4	25L	Native
Eucalyptus umbra	Broad leaf white mahog	7 x 4	25L	Native
Shrubs - Coastal Plains Stringybark -	Apple Forest			
Acacia myrtifolia	Myrtle leafed wattle	1.5 x 1.5	tube	Native
Acacia terminalis	sunshine wattle	4 x 2	150mm	Native
Acacia ulicifolia	Prickly Moses	1.8 x 1.2	tube	Native
Leptospermum trinervium	Flaky barked Tea Tree	1.5 x 1.5	tube	Native
Persoonia levis	Beard leaved geebung	3 x 2	tube	Native
Low shrubs - Coastal Plains Stringyb				N 1
Banksia spinulosa var collina	Banksia groundcover	0.3 x 0.5	tube	Native
Dillwynia retorta	Parrot Pea	0.5 x 1	tube	Native
Dodonaea triquetra	native hop bush	0.8 x 1	tube	Native
Epacris pulchella Llibbortia empetrifelia subsempetrie	Christmas bells	0.6 x 0.8 0.3 x 1.5	tube	Native
Hibbertia empetrifolia subs empetrio Hibbertia pedunculata	-	0.2 x x 0.8	tube tube	Native
•	Guinea pea flower		tube	Native Native
Leptospermum polygalifolium subsp Pultenea euchila	native brown and yellow		tube	Native
	·		tube	Native
Grasses and sedges - Coastal Plains				
Themeda australis	Kangaroo Grass	ornamental grass	tube	Native
Lomandra filiformis 'Mondra'	yellow small lomandra	0.2 x 0.2	tube	Native cv
Lomandra obliqua	Mat rush lomandra	0.6 x 0.8	tube	Native
Lomandra multiflora subsp. Multifol		0.6 x 0.8	tube	Native cv
Lomandra confertifolia subsp. Pallido		0.6 x 0.8	tube	Native cv
Dianella caerulea	Blue Flax Lily	0.6 x 0.8	tube	Native cv
Dianella revoluta	Black Anther Flax Lily	0.8 x 0.8	tube	native
Hardenbergia violaceae	False sarsparilla, Purple	0.5 x 1	tube	Native
Eustrephus latifolius		limber/ground traile		Native
Pandorea pandoreana	Wonga wonga vine	:limber/ground traile	200mm	Native



and and and and and a set of the	ooth Drive, Cameron Pa	rk, NSW		
		Size in Context		
		15 - 20 yrs		Native,
Botanic Name	Common Name	(boight x width) (m)	Installation Pot Size	Native cv. Or exotic
	1	(height x width) (m)	PULSIZE	OI EXOLIC
Proposed Planting within and arou	nd the carpark and entry	zones		
Frees				
Angophora costata	Box Apple	6.5 x 2.5	45L	Native
Corymbia gummiffera	Red bloodwood	7 x 4	75L	Native
Elaeocarpus reticulatus	Blueberry Ash	5 x 3	150mm	Native
Gleditsia tricanthos 'Sunburst'	Gleditsia Honey Locust	6 x 3	75L	exotic
Schinus molle	Peppercorn tree	5 x 4	75L	exotic
Proposed Small Trees				
Tibouchina granulosa	Tree Tibouchina	5 x 2.5	45L	exotic
Eucalyptus caesia 'Silver Princess'	Silver Princess Gum	2.5 x 1.5	300mm	Native cv
Eucalyptus pauciflora Edna Walling L	ittle Snowman Dwarf sn	3 x 3	300mm	Native cv
Eucalyptus dwarf 'Purple Patch'	purple dwarf gum	3 x 2	300mm	Native cv
Banksia integrifolia	Coast Banksia	6 x 5	45L	Native
Low shrubs and hedges	-			
Crowea saligna	Crowea	1 x 1	200mm	Native
Darwinia citriodora	aromatic decussate darw	0.5 x 1	200mm	Native
Dodonaea triquetra	native hop bush	0.8 x 1	200mm	Native
Grevillea linarifolia	White spider flower	1.2 x 0.6	tube	Native
Haekea dactyloides	Devils hakea	2.1 x 1.6	tube	Native
Leptospermum 'Mesmer Eyes'	PinkWhite Tea tree	0.5 x 1	200mm	Native cv
Sedges and ornamental Grasses				
Anigozanthos 'Bush Pearl'	Kangaroo Paw Pink	0.6 x 0.5	150mm	Native cv
Anigozanthos 'Ruby Velvet'	Kangaroo Paw deep red	1.0 x 1.0	150mm	Native cv
Dianella caerulea	Blue Flax Lily	0.6 x 0.8	tube	Native cv
Dianella revoluta	Black Anther Flax Lily	0.8 x 0.8	tube	native
Doryanthes excelsior	Gymea Lilly	1.5-3 x 1.5	45L	native
Hardenbergia violaceae	False sarsparilla, Purple	0.5 x 1	tube	Native
Iris germanica	German iris, purple	0.9 x 0.2	tube/bulb	exotic
Lomandra confertifolia subsp. Pallida	Mat rush lomandra	0.6 x 0.8	tube	Native cv
Lomandra filiformis 'Mondra'	yellow small lomandra	0.2 x 0.2	tube	Native cv
Lomandra multiflora subsp. Multifold	Mat rush lomandra	0.6 x 0.8	tube	Native cv
Lomandra obliqua	Mat rush lomandra	0.6 x 0.8	tube	Native
Themeda australis	Kangaroo Grass	ornamental grass	tube	Native
Groundcovers and spreading plants				
aroundcovers and spreading plants	Banksia groundcover	0.3 x 0.5	150mm	Native cv
Banksia sninulosa 'Cherry Candles'		0.3 x 0.3	1301111	Native cv
	-	04x18	150mm	
Grevillea poorinda 'Royal Mantle'	Grevillea prostrate	0.4 x 1.8	150mm	
Grevillea poorinda 'Royal Mantle' Hardenbergia violaceae 'Bushy Blue'	Grevillea prostrate Happy Wanderer	0.4 x 0.3	150mm	native
Grevillea poorinda 'Royal Mantle' Hardenbergia violaceae 'Bushy Blue' Kunzea 'Badja Carpet'	Grevillea prostrate Happy Wanderer Tick bush prostrate	0.4 x 0.3 0.3 x 0.8	150mm 150mm	native Native cv
Grevillea poorinda 'Royal Mantle' Hardenbergia violaceae 'Bushy Blue' Kunzea 'Badja Carpet' Scaevola aemula cvs	Grevillea prostrate Happy Wanderer Tick bush prostrate Native fan flower	0.4 x 0.3 0.3 x 0.8 0.4 x 0.5	150mm 150mm 150mm	native Native cv Native
Kunzea 'Badja Carpet' Scaevola aemula cvs Westringea 'Mundii'	Grevillea prostrate Happy Wanderer Tick bush prostrate Native fan flower prostrate coastal rosema	0.4 x 0.3 0.3 x 0.8 0.4 x 0.5 0.3 x 0.8	150mm 150mm 150mm 150mm	native Native cv Native Native cv
Grevillea poorinda 'Royal Mantle' Hardenbergia violaceae 'Bushy Blue' Kunzea 'Badja Carpet' Scaevola aemula cvs Westringea 'Mundii' Osteospermum 'Spider White'	Grevillea prostrate Happy Wanderer Tick bush prostrate Native fan flower	0.4 x 0.3 0.3 x 0.8 0.4 x 0.5	150mm 150mm 150mm	native Native cv
Grevillea poorinda 'Royal Mantle' Hardenbergia violaceae 'Bushy Blue' Kunzea 'Badja Carpet' Scaevola aemula cvs Westringea 'Mundii' Osteospermum 'Spider White' Turf	Grevillea prostrate Happy Wanderer Tick bush prostrate Native fan flower prostrate coastal rosema	0.4 x 0.3 0.3 x 0.8 0.4 x 0.5 0.3 x 0.8	150mm 150mm 150mm 150mm 150mm	native Native cv Native Native cv exotic
Grevillea poorinda 'Royal Mantle' Hardenbergia violaceae 'Bushy Blue' Kunzea 'Badja Carpet' Scaevola aemula cvs Westringea 'Mundii' Osteospermum 'Spider White' Turf	Grevillea prostrate Happy Wanderer Tick bush prostrate Native fan flower prostrate coastal rosema	0.4 x 0.3 0.3 x 0.8 0.4 x 0.5 0.3 x 0.8	150mm 150mm 150mm 150mm	native Native cv Native Native cv
Grevillea poorinda 'Royal Mantle' Hardenbergia violaceae 'Bushy Blue' Kunzea 'Badja Carpet' Scaevola aemula cvs Westringea 'Mundii' Osteospermum 'Spider White' Turf Nara or Matilda Premium Buffalo	Grevillea prostrate Happy Wanderer Tick bush prostrate Native fan flower prostrate coastal rosema African daisy	0.4 x 0.3 0.3 x 0.8 0.4 x 0.5 0.3 x 0.8 0.4 x 0.5	150mm 150mm 150mm 150mm roll	native Native cv Native Native cv exotic exotic
Grevillea poorinda 'Royal Mantle' Hardenbergia violaceae 'Bushy Blue' Kunzea 'Badja Carpet' Scaevola aemula cvs Westringea 'Mundii' Osteospermum 'Spider White' Turf Nara or Matilda Premium Buffalo Plant species on rooftop, slab or with rec	Grevillea prostrate Happy Wanderer Tick bush prostrate Native fan flower prostrate coastal rosema African daisy	0.4 x 0.3 0.3 x 0.8 0.4 x 0.5 0.3 x 0.8 0.4 x 0.5	150mm 150mm 150mm 150mm roll	native Native cv Native Native cv exotic exotic
Grevillea poorinda 'Royal Mantle' Hardenbergia violaceae 'Bushy Blue' Kunzea 'Badja Carpet' Scaevola aemula cvs Westringea 'Mundii' Osteospermum 'Spider White' Turf Nara or Matilda Premium Buffalo Plant species on rooftop, slab or with rec Soil specifications must be followed by t	Grevillea prostrate Happy Wanderer Tick bush prostrate Native fan flower prostrate coastal rosema African daisy duced soil volumes will not r he landscape contractor.	0.4 x 0.3 0.3 x 0.8 0.4 x 0.5 0.3 x 0.8 0.4 x 0.5	150mm 150mm 150mm 150mm roll	native Native cv Native Native cv exotic exotic
Grevillea poorinda 'Royal Mantle' Hardenbergia violaceae 'Bushy Blue' Kunzea 'Badja Carpet' Scaevola aemula cvs Westringea 'Mundii' Osteospermum 'Spider White' Turf Nara or Matilda Premium Buffalo Plant species on rooftop, slab or with rec Soil specifications must be followed by th Climatic zones are not always enough to	Grevillea prostrate Happy Wanderer Tick bush prostrate Native fan flower prostrate coastal rosema African daisy duced soil volumes will not r he landscape contractor. validate suitability of a spec	0.4 x 0.3 0.3 x 0.8 0.4 x 0.5 0.3 x 0.8 0.4 x 0.5 necessarily reach the ma	150mm 150mm 150mm 150mm roll	native Native cv Native Native cv exotic exotic
Grevillea poorinda 'Royal Mantle' Hardenbergia violaceae 'Bushy Blue' Kunzea 'Badja Carpet' Scaevola aemula cvs Westringea 'Mundii' Osteospermum 'Spider White' Turf Nara or Matilda Premium Buffalo Plant species on rooftop, slab or with rec	Grevillea prostrate Happy Wanderer Tick bush prostrate Native fan flower prostrate coastal rosema African daisy duced soil volumes will not r he landscape contractor. validate suitability of a spec	0.4 x 0.3 0.3 x 0.8 0.4 x 0.5 0.3 x 0.8 0.4 x 0.5 necessarily reach the ma	150mm 150mm 150mm 150mm roll	native Native c Native Native c exotic

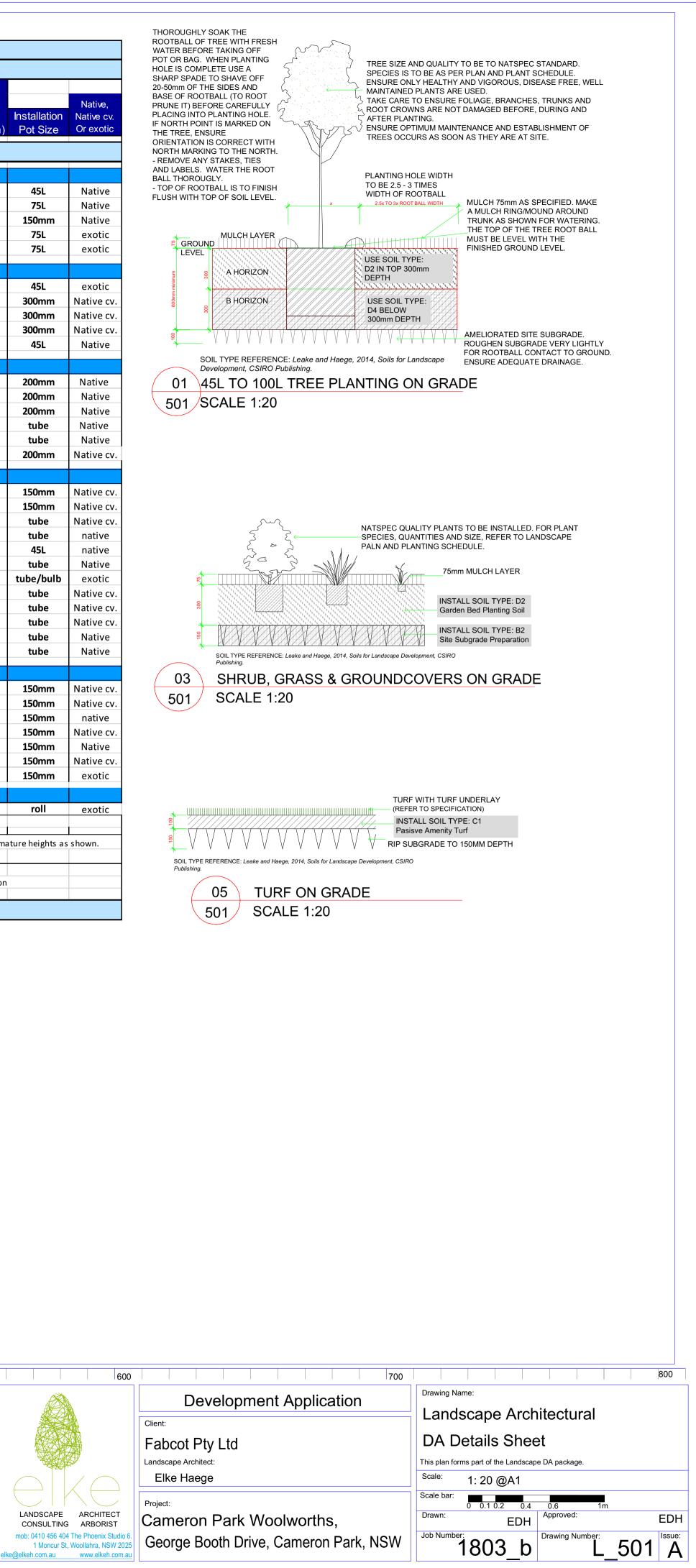
STAINLESS STEEL TURNBUCKLES

-3mm STAINLESS STEEL WIRES

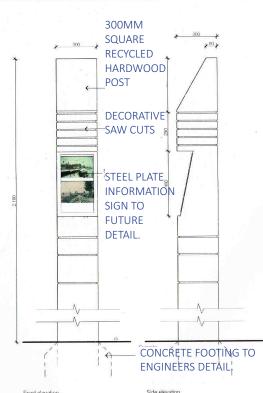
STAINLESS STEEL EYELET. WELD TO STEEL POSTS

CLIMBERS PLANTING (FOR SPECIES SEE PLANT SCHEDULE)

400 500 600 300

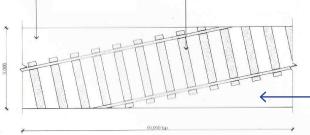


HERITAGE CONSIDERATION - INTERPRETIVE ELEMENTS **CAMERON PARK VILLAGE - LANDSCAPE ELEMENTS**



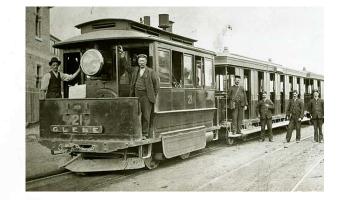
WITH LIGHT **BROOM FINISH**

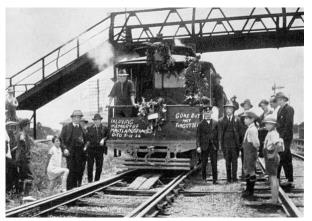
ABRASIVE BLAST FINISH (HEAVY) TO FORM SHAPE OF TRAMLINE. ALLOW FOR LASER CUT STEEL TEMPLATE TO CREATE PLAIN CONCRETE PATTERN. USE BLACK AGGREAGTE SO THAT THE EXPOSED AGGRGATE REPLICATES THE EXISTING BALLAST.



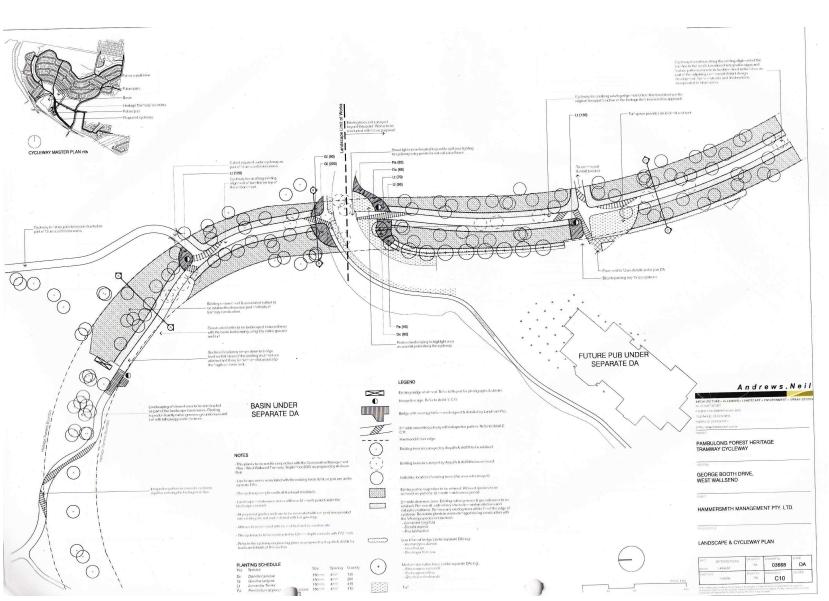
DETAIL 2- CYCLEWAY INTERPRETIVE PATTERN PLAN

Recommendations for internal co-ordination only CONCEPT. NOT FOR CONSTRUCTION





images provided as part of heritage study of the Wallsend Tram









EXAMPLES OF 'ABRASIVE BLAST FINISH (HEAVY) TO TRAM SHAPE. ALLOW FOR LASER CUT STEEL TEMPLATE TO CREATE PATTERN. USE BLACK AGGREGATE SO THAT THE EXPOSED AGGREGATE REPLICATES THE EXISTING BALLAST.'

	100					00	600	
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between Elke Haege Landscape Architects and the instructing party.	1500)	· · 20 5	-	-				
Registered Landscape Architect AILA (#001	1539)	· · · ·	-	-			400	
The contractor shall check and verify all work on site (including work by		0° - 6°	-	-				
others) before commencing the landscape installation. Any discrepancies				-				·
are to be reported to the Project Manager or Landscape Architect prior to commencing work. Do not scale this drawing. Any required dimensions no			-					
shown must be referred to the Landscape Architect for confirmation. The		D Interpretive elements - Cameron Park	EDH	EDH	26.07.18		LANDSCAPE ARCHITECT	Project:
Contractor must not construct from this drawing unless it marked 'Issue for	or	C Interpretive elements - Cameron Park			06.07.18		CONSULTING ARBORIST	Cam
Construction'. The Contractor acknowledges this drawing may be one of a		B Interpretive elements - Cameron Park	EDH	EDH	23.04.18		m. 0410 456 404	
number of drawings which together document the landscape design and works.		A Options for internal co-ordination	EDH	EDH	19.03.18		The Phoenix Studio 6. 1 Moncur St, Woollahra, NSW 2025	390 (
\3	Is	sue Revision Description	Drawn	Check	Date		elke@elkeh.com.au www.elkeh.com.au	

These .

Plan Extracts from Andrews Neil- landscape and cycleway plan + interpretive signage. Locations: tbc.

700	800
EVELOPMENT APPLICATION	Drawing Name:
ent:	Landscape Architectural
Fabcot Pty Ltd	Heritage interpretation elements.
	This sheet is for Development Application information only.
	Scale:
ject:	Scale bar:
Cameron Park Plaza,	Drawn: EDH Approved: EDH
390 George Booth Dr., Cameron Pk	Job Number: 1708_a Drawing Number:306



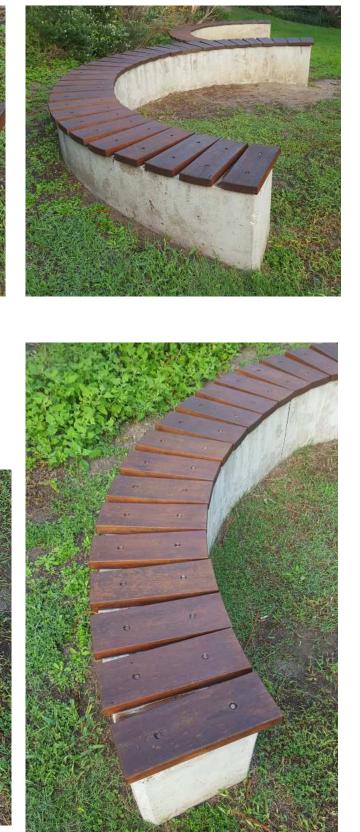


100 x 32mm x 450 IN MODWOOD'/INNOWOOD'. OR STAINED HARDWOOD.

Precedent: interpretatio of timber railway sleepers. Recommend: 100mm x 32mm x 450mm in 'Modwood' or 'Innowood' or stained hardwood.

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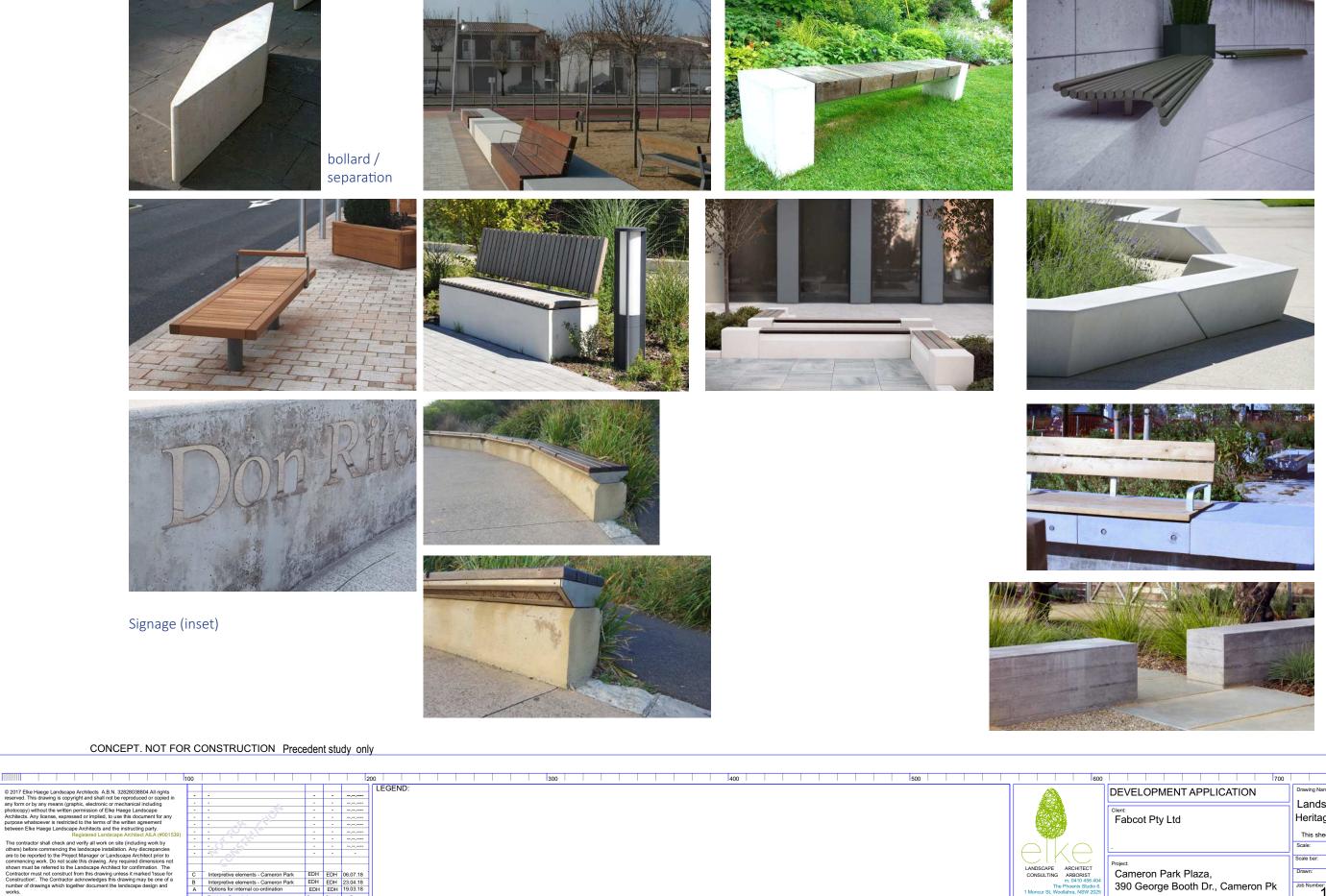
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Registered Landscape Architect AILA (#001539)							
The contractor shall check and verify all work on site (including work by	-			_			
others) before commencing the landscape installation. Any discrepancies	-	- 0 - 5		,,			•
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shown must be referred to the Landscape Architect for confirmation. The				1		LANDSCAPE ARCHITECT	
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Construction'. The Contractor acknowledges this drawing may be one of a	B	Interpretive elements - Cameron Park	EDH EDH	1 23 04 18		m. 0410 456 404	
number of drawings which together document the landscape design and	Δ			19.03.18		The Phoenix Studio 6.	390 (
works.						1 Moncur St, Woollahra, NSW 2025	
	Issue	Revision Description	Drawn Che	* Date		elke@elkeh.com.au www.elkeh.com.au	



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ent:	Landscape Architectural
Fabcot Pty Ltd	Heritage interpretation elements.
	This sheet is for Development Application information only.
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ject:	Scale bar:
Cameron Park Plaza,	Drawn: EDH Approved: EDH
90 George Booth Dr., Cameron Pk	1708_a L_307 C

CAMERON PARK VILLAGE - LANDSCAPE PRECEDENTS

Other precedents for bollard seating along tenancies 18 to 21separation between car park and pathway/tenancies



A3

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nay be one of a

sion Description

Drawn Check Date

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EVELOPMENT APPLICATION	Drawing Name:
nt:	Landscape Architectural
abcot Pty Ltd	Heritage interpretation elements.
	This sheet is for Development Application information only.
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ameron Park Plaza,	Drawn: EDH Approved: EDH
90 George Booth Dr., Cameron Pk	Job Number: 1708_a Drawing Number: _308 C