

REGIONAL CONTEXT

REGIONAL CONTEXT - Architectus Urban Design Report 8 May 2015



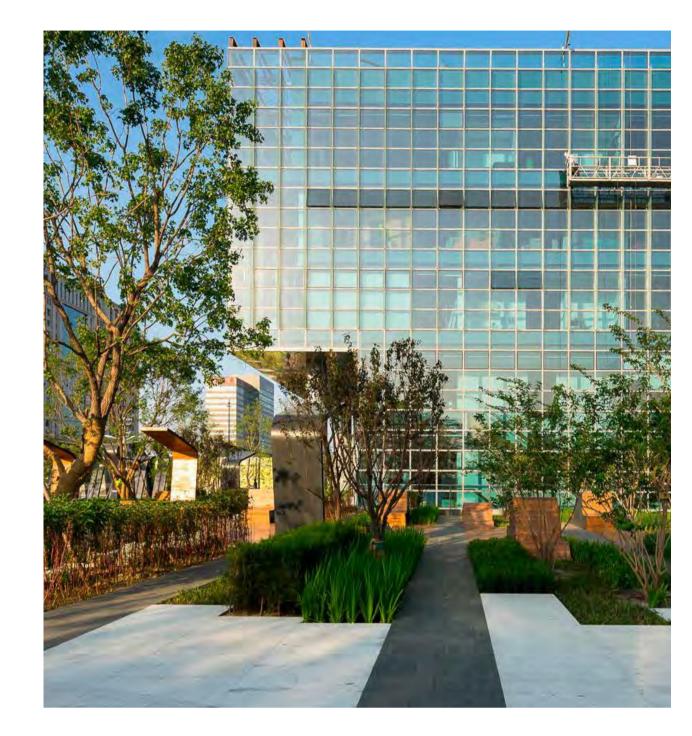
Distance from stations: 400m (5mins walk) and

REGIONAL CONTEXT

The site is located in close proximity to Sydney's CBD to the north west. The area is well positioned for easy access to a number of employment and activity hubs with further community facilities also planned.

The site at 11 Cowper Street, Granville is part of the Parramatta road Urban Renewal project which has identified the site as one of potential high density living with modern services and amenities.

The site is also in close proximity to the Paramatta CBD, which is the major transport hub for Western Sydney. Offering a number of public transport services such as bus, train and ferry that allow for easy access and quick access to the Sydney CBD.



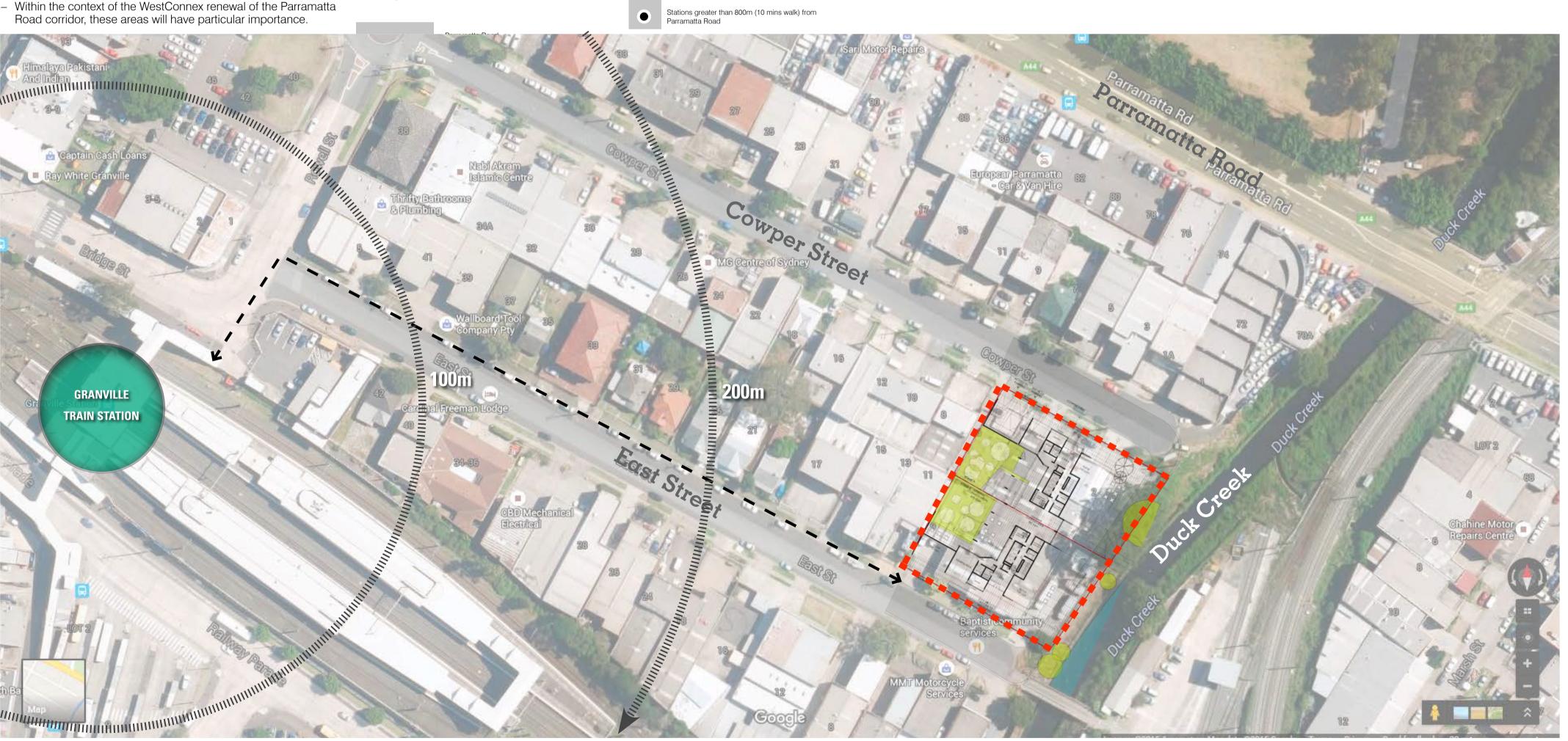
LOCAL CONTEXT

The site is located in close proximity to Parramatta Road. Thus allowing for easy direct access to the Sydney CBD through private and public transport as well also providing access to the Parramatta

In an area of constant flux, the site at 11 Cowper Street is to transform from an industrial site to a contemporary high density apartment typology with all the benefits of modern living.

The site is a short walking distance away from Granville Railway Station which offers public transport links both further west and back east towards to the Sydney CBD.

The site also provides local cycleways and pedestrian connections thats allow for easy access to local transport stops and retail shops. Also a short traveling distance away are local reserves and green open spaces that offer residences living in Granville adequate and well maintained places for formal and informal recreation.



Stations within 400m (5 mins walk) of Parramatta

Stations within 800m (10 mins walk) of Parramatta



LOCAL CONTEXT

The site is located in one of a few areas where Parramatta Road is close to railway stations (the others being around Homebush, Lewisham and Central).



ACTIVATION / RETAIL

The dedicated activation zones run along Cowper and East Street to help achieve a vibrant street activity, noise, safety and community





ENTRIES | EXITS

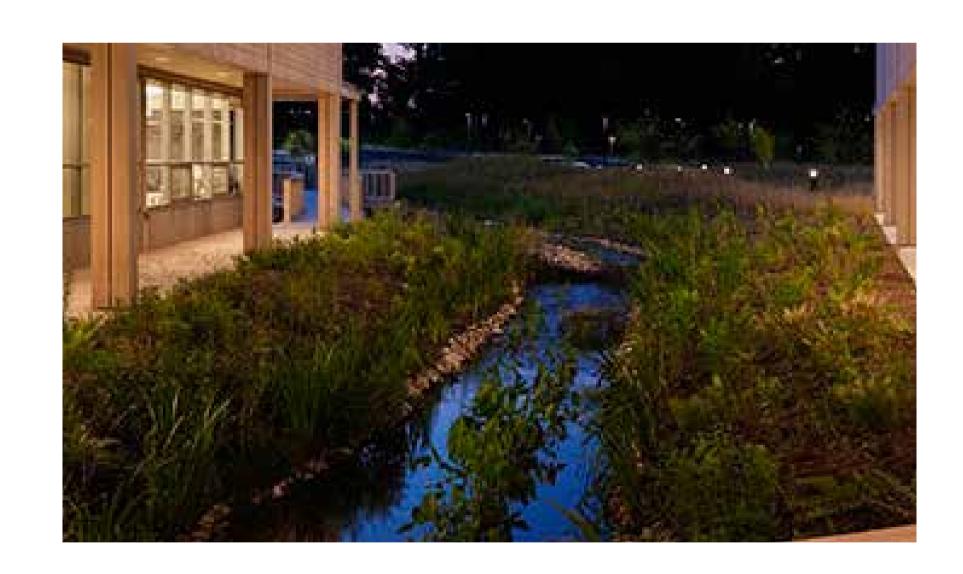
The basement vehicular entry/exit is located on Cowper Street while the loading dock is located on the Proposed Laneway out of the way from pedestrians. Residential and commercial entries are located on both Cowper and East Street





DEEP SOIL ZONE

The deep soil zones are located at the northern end of the site between the building and existing Duck Creek.





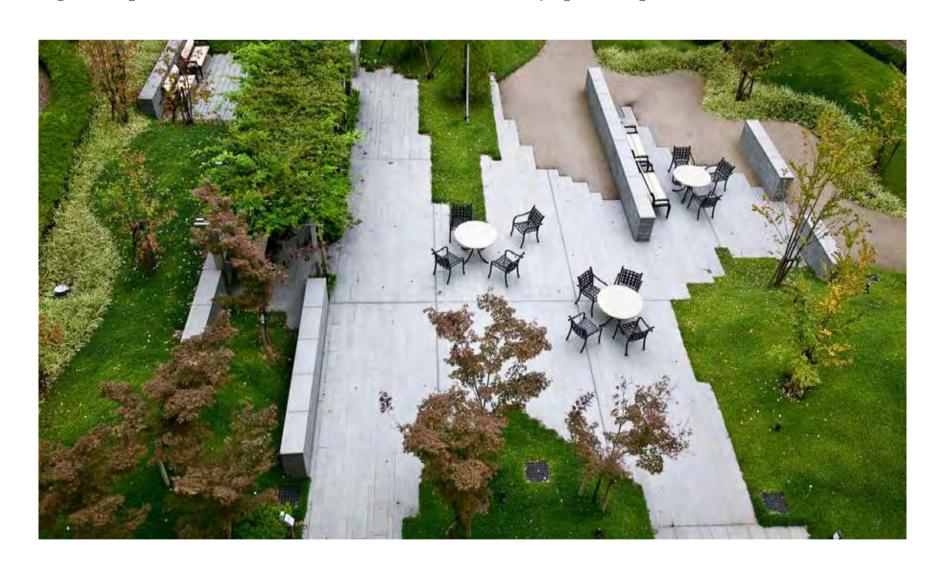


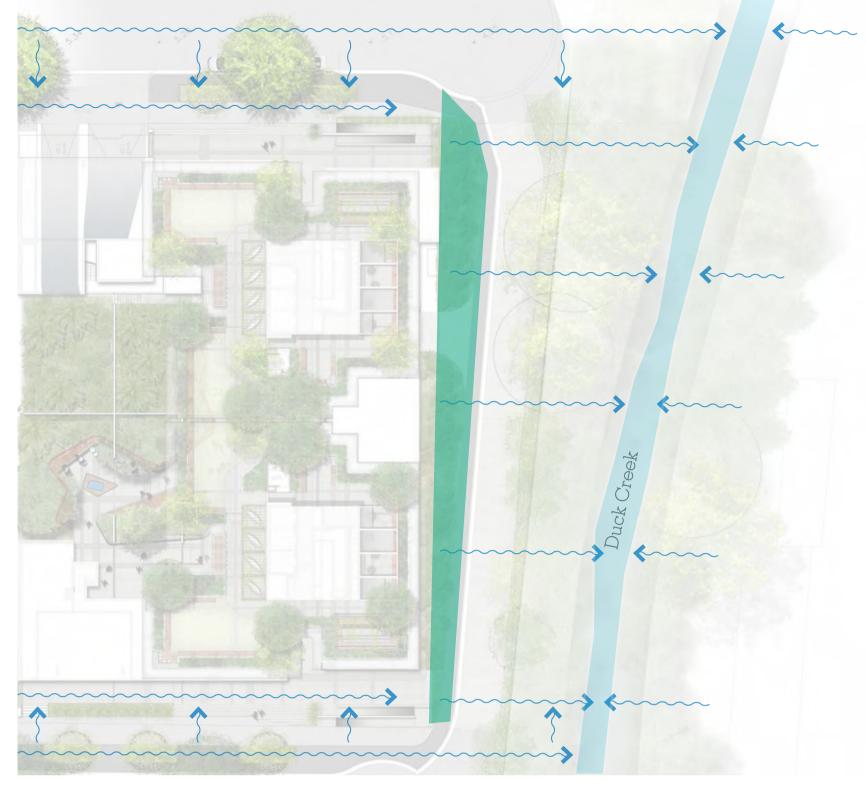
SITE APPROACH



COMMUNAL LANDSCAPE

Residential communal open space is provided internally within the envelop of the surrounding building footprints, Its location gets good light exposure and allows residents to enjoy a tropical oasis.





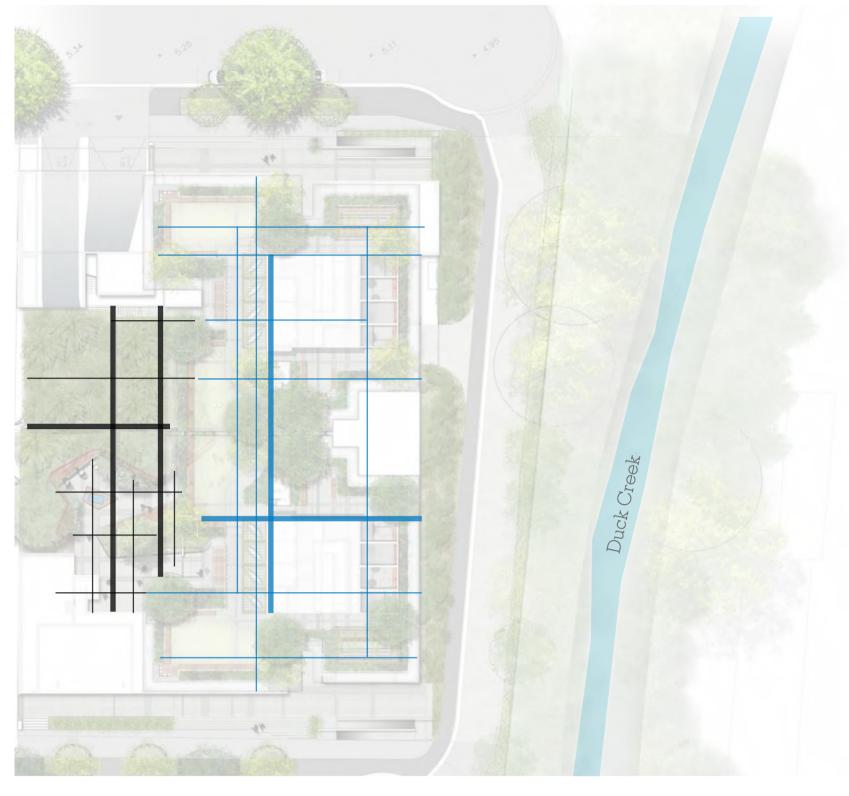
GRADING | DRAINAGE Fall direction

DGP 11 COWPER ROAD GRANVILLE

DEVELOTEK PROPERTY GROUP

All storm water falls across permeable paving towards Duck Creek





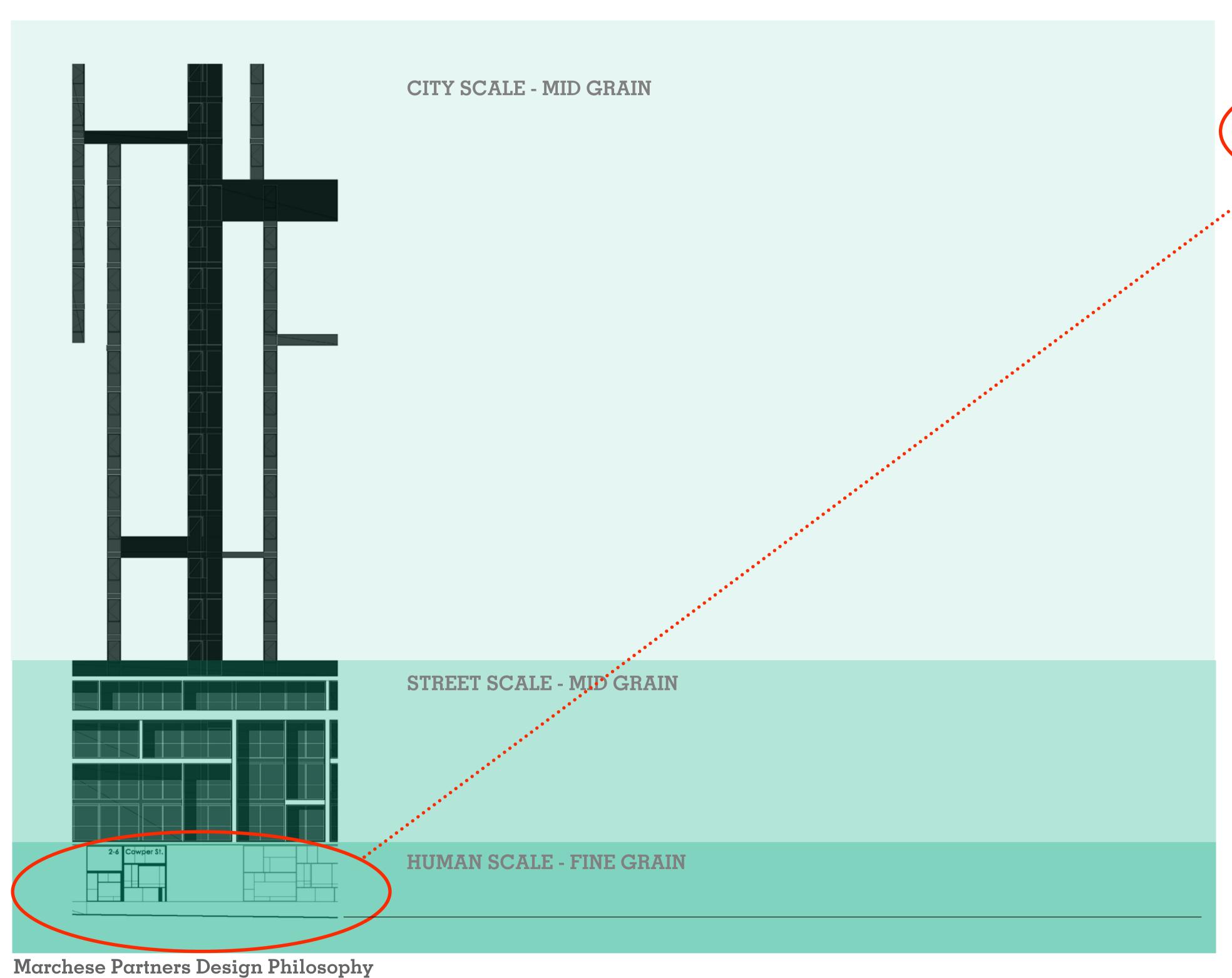
PHILOSOPHY INTEGRATION

The design philosophy has been interwoven into the landscape via fine grain paving patterns and blade walls that dissect and break up the ground plane









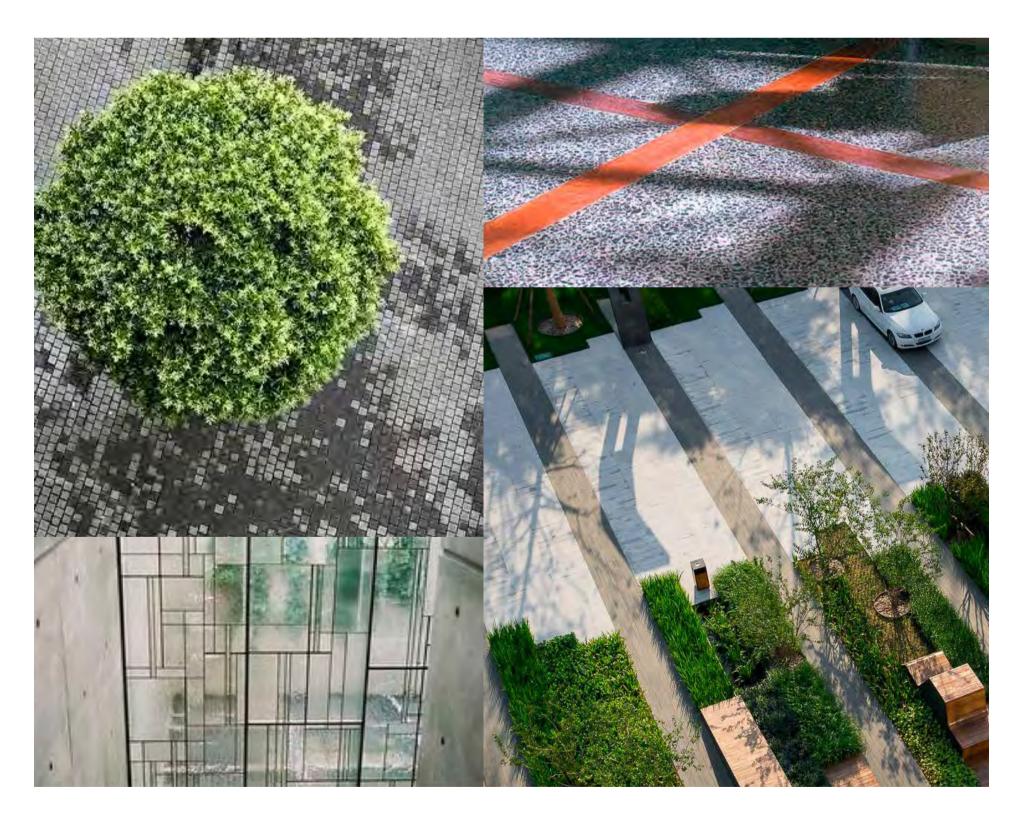


HUMAN SCALE - FINE GRAIN

A philosophy based on masterplanning and optics of scale allow for a progression of scale within the built form.

The amount of detail within built form is based around how much the eye can focus on and what it can process from certain distances.

While the built form holds strong bold lines to focus on from a distance the landscape will use a 'finer grain' of detail to allow the eye to focus on more human scale objects and detail.





DGP 11 COWPER ROAD GRANVILLE **DEVELOTEK PROPERTY GROUP**

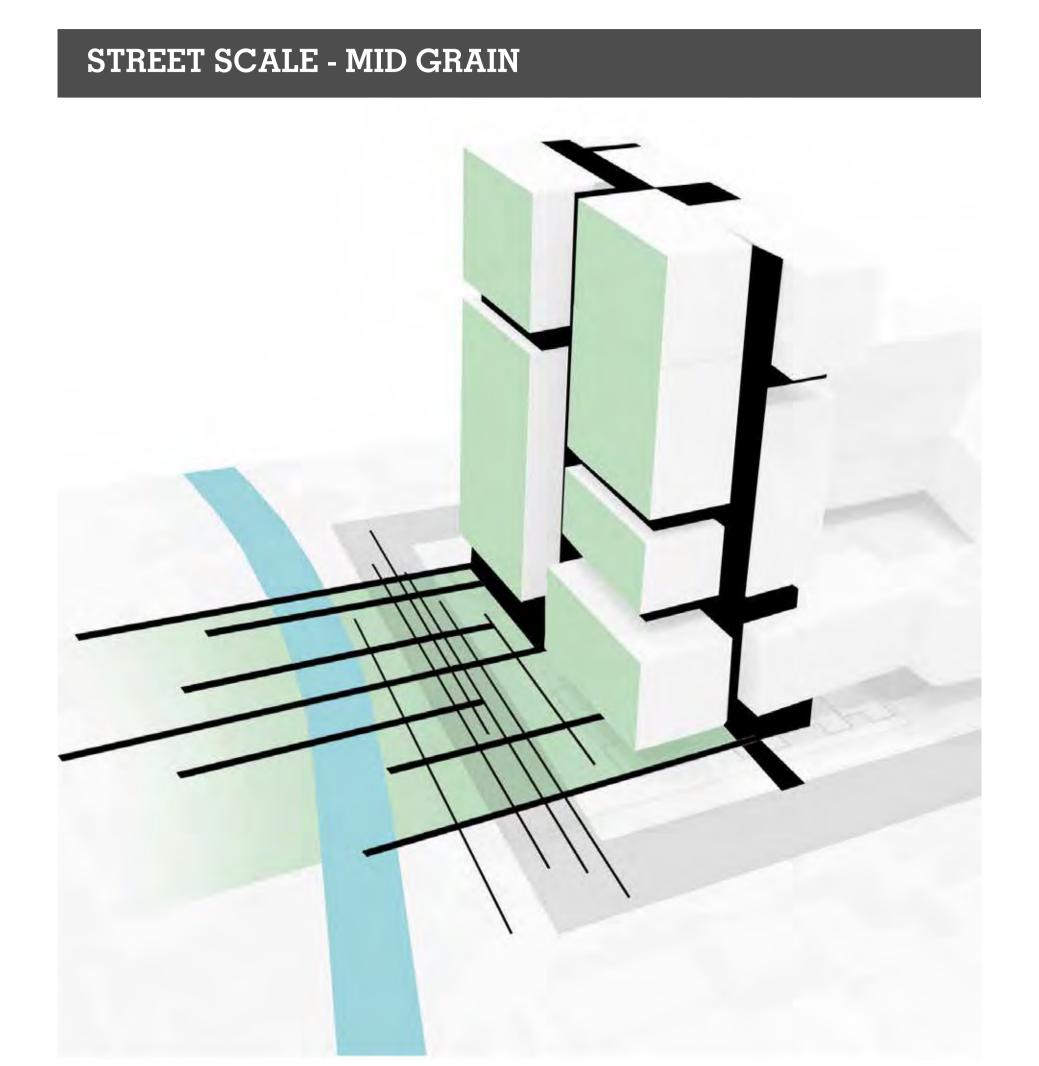
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DATE Feb 2017 SCALE NTS **ISSUE** F

CITY SCALE - LARGE GRAIN

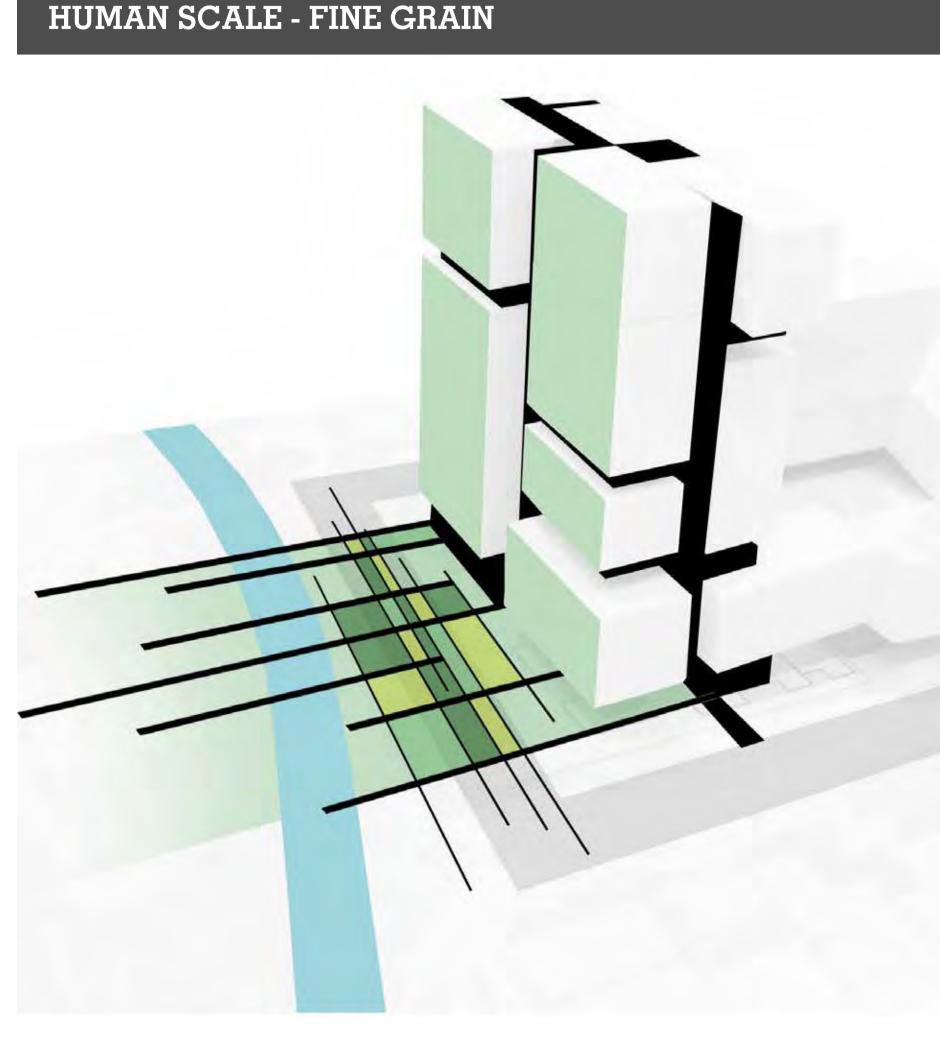
CITY SCAPE LINES INTO BUILT FORM

Strong lines from derived from plan views of Parramatta masterplan help establish bold built form lines represented in the architecture.



EXTENSION FROM ARCHITECTURAL TO LANDSCAPE

Strong built form lines are transcended onto the ground plane to create a mirror like image of the building. This in turn achieves a faceted ground plane which allows for bold material changes within the landscape



ESTABLISHMENT OF FINE GRAIN HUMAN SCALE

While bolder lines are giving the building facade character, the faceted ground plane allows for fine grain contrasting materials to be implemented to increase the users experience at a more human scale.



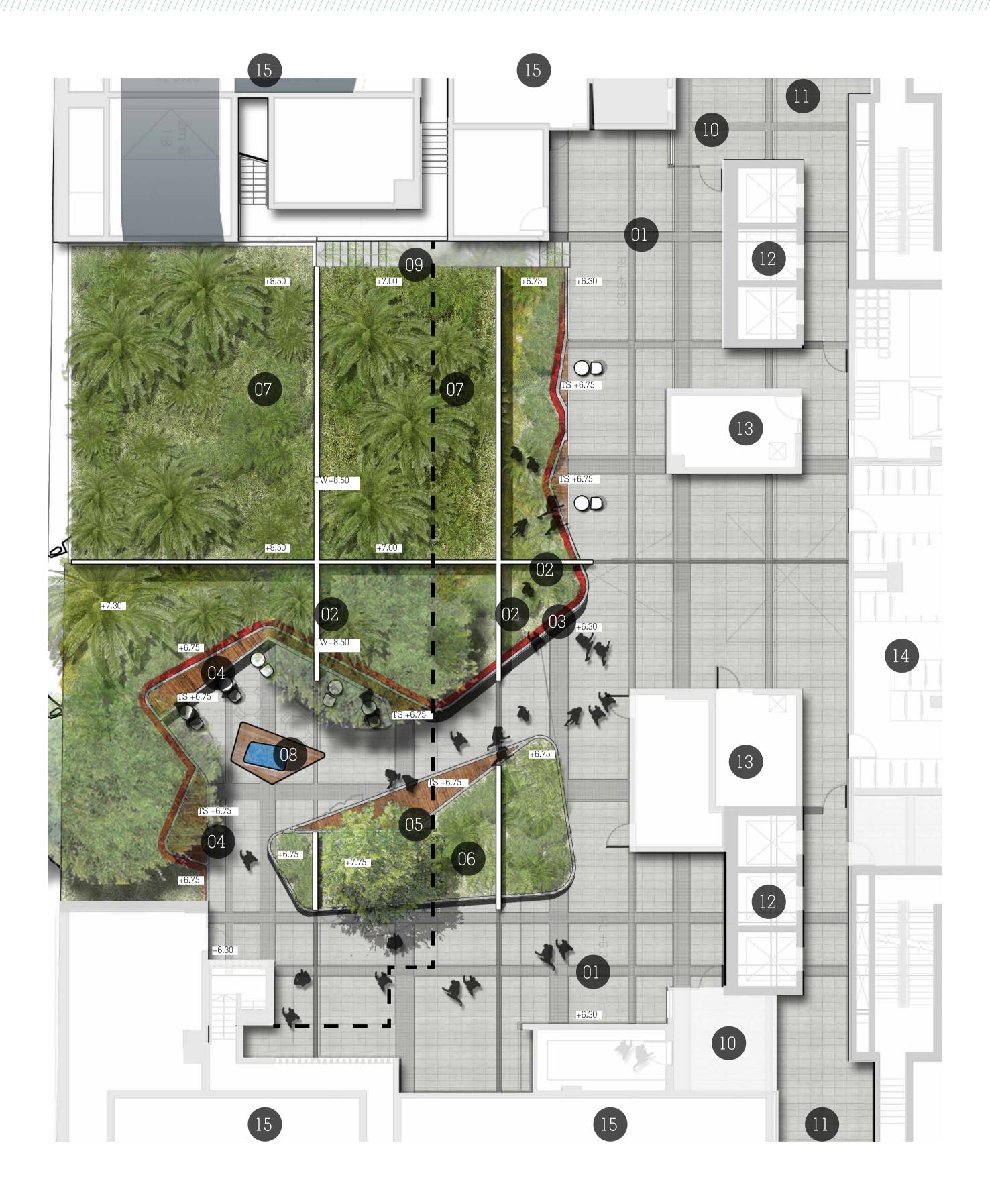


LEGEND

- Unified architecture and urban design philosophy
- 02 Raised retail terraces with look out
- Residential entries at ground level
- Paving pattern reflecting architectural philosophy
- Active and accessible retail frontages
- Re-vegetated embankment of Duck Creek
- Mature existing tree retained
- Granite flagstone paving
- Terraced internal shade planting to allow for sloped slab
- Footpath widths and setbacks
- Internal communal activated area
- Loading zones off proposed lane
- Proposed permeable lane way with flush kerb
- Fire access and maintenance stairs
- Communal Rooftop
- Road level change for laneway to engineers levels
- Staging line Can be connected during construction
- Basement carpark Entry
- 19 Mass planted garden bed surrounding tree on footpath

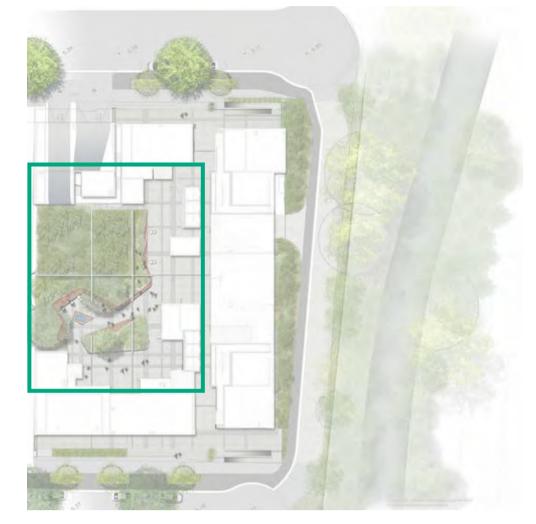




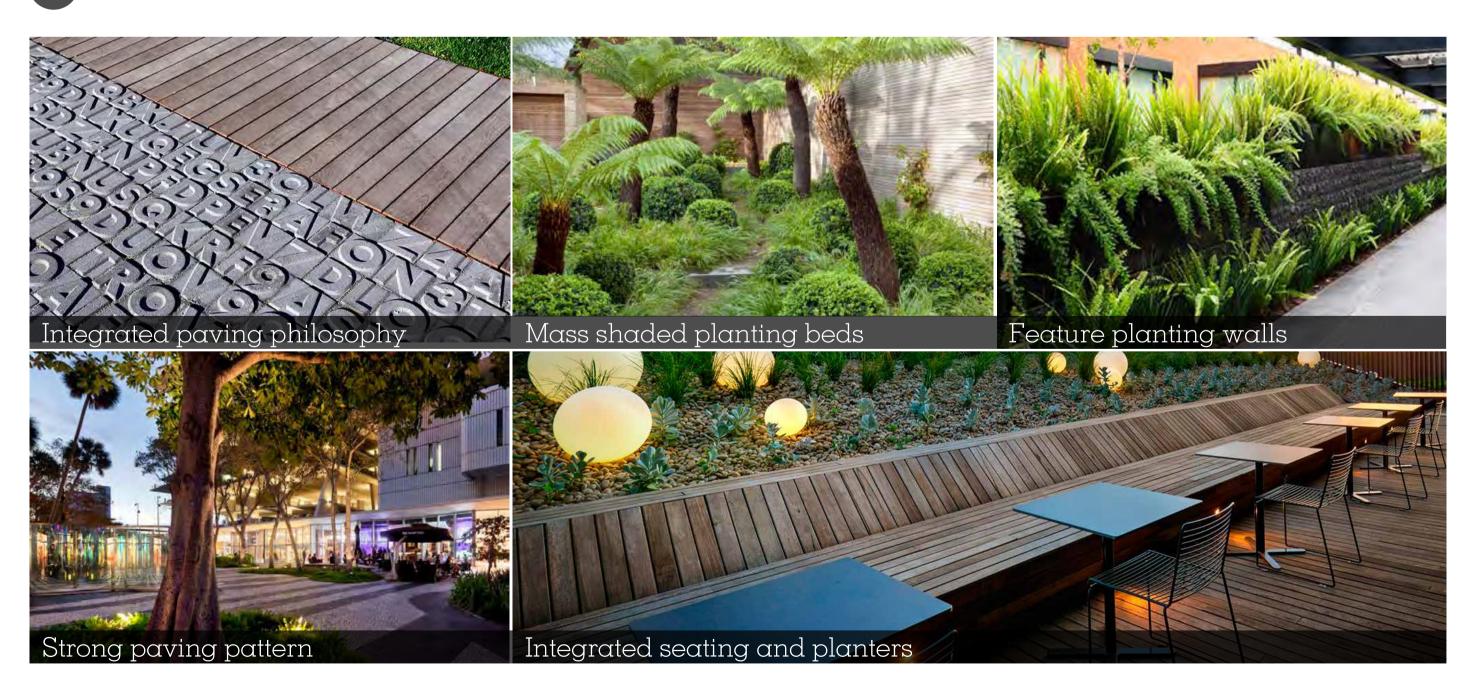


LEGEND

- Ol Paving pattern reflecting cityscape philosophy
- O2 Feature blade walls reflecting cityscape philosophy
- O3 Organic wall line reflecting Parramatta river
- 04 Built in seating elements
- Large day bed / social seating zone
- 06 Buffer planting to back of house movements
- Terraced planting allowing depth above basement vehicle entry
- Central seat and water feature
- Maintenance stairs
- Through site link for residents
- Residential entry
- Residential Lifts
- Garbage rooms
- 14 Bike storage
- Commercial zone facing street

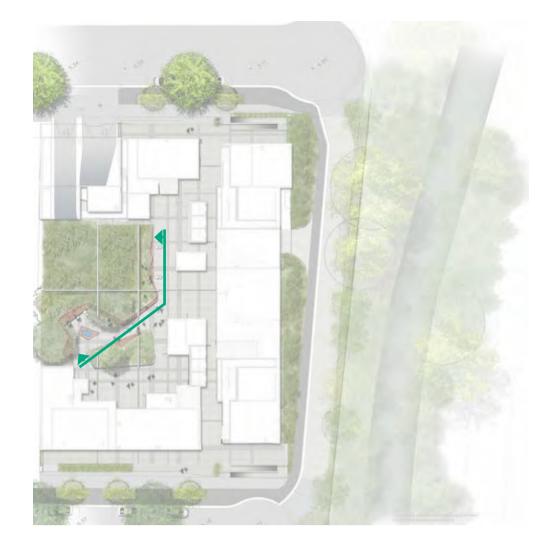


Location Plan





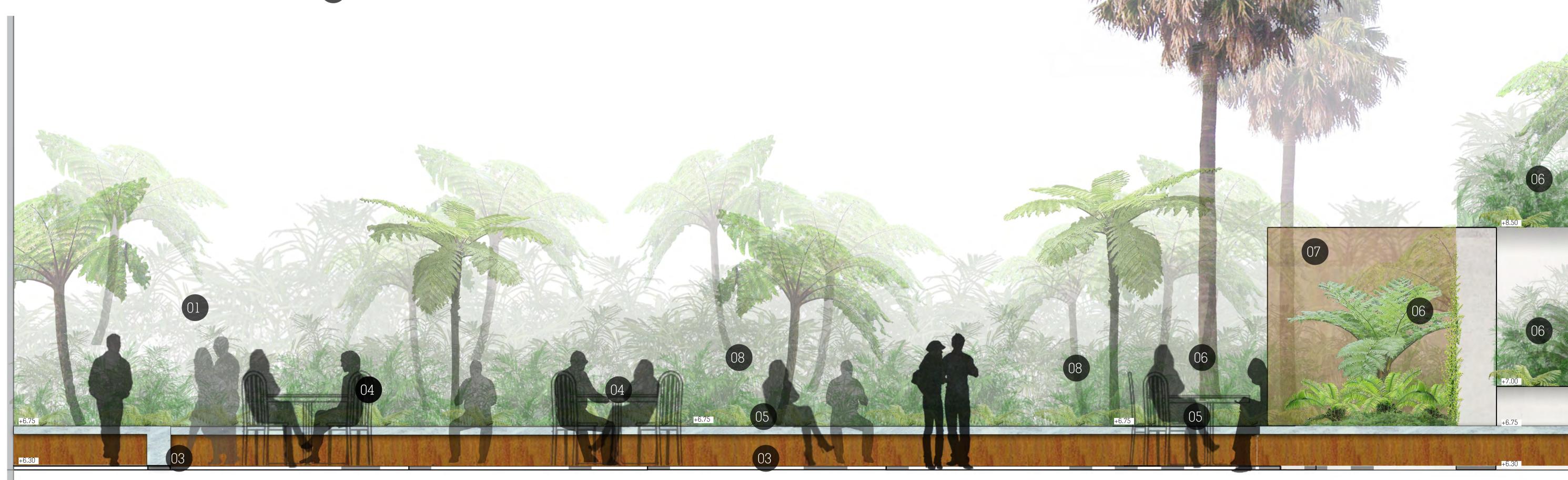




Section Elevation A - Location Plan

DESIGN ELEMENTS

- Lush shade tolerant planting
- Screen planting to neighboring property
- Faceted paving pattern and walls to reflect architecture philosophy
- Communal seating area for residents
- Sinuous seating element
- Shade tolerant species for south facing aspects
- Feature/blade wall protruding through planting
- Mounded Planting to achieve depths

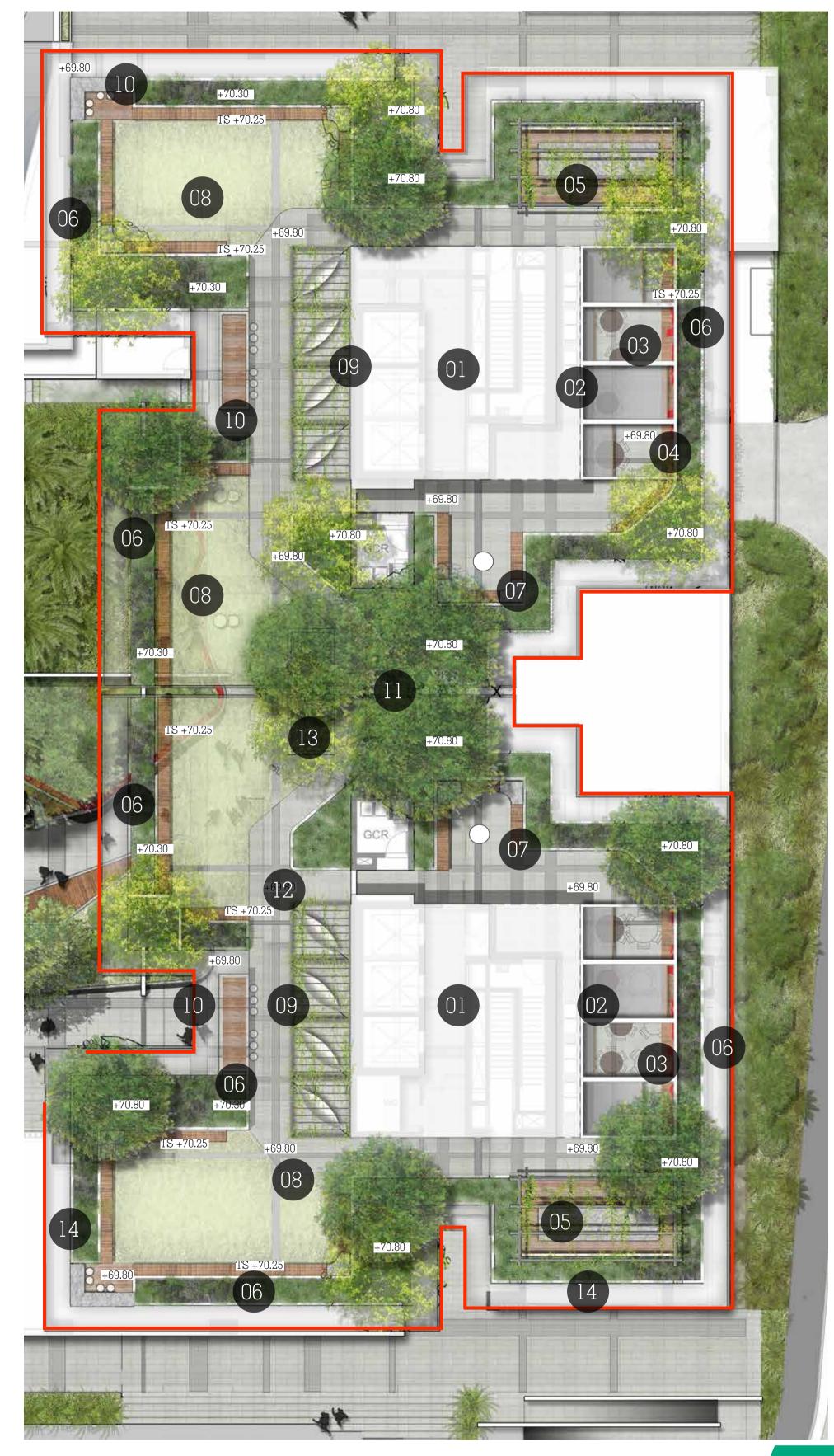


Section Elevation A - Internal Communal Scale 1:25



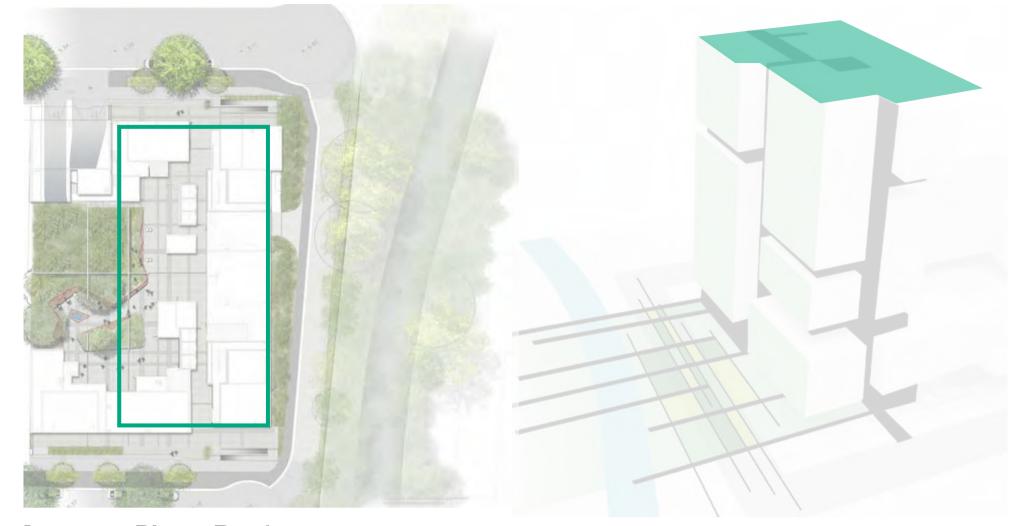


LANDSCAPEROOFTOP



LEGEND

- Lift over run and entry / exit
- Undercover BBQ /cooking zone
- Informal alfresco seating area with mobile shade cloth
- Built in seating element
- Communal /family alfresco seating table with shade wind/shelter
- Buffer/wind mitigation planting to edges
- Communal / social zone seating zone with controlled fire pit
- Open space / Artificial turf
- Hammocks with overhead structure and climbers
- Bar table with stool seating
- Dense planting giving separation between rooftop spaces and solar/wind protection
- Circulation path connecting all amenities
- 13 Link between spaces
- 1.0m wide maintenance path



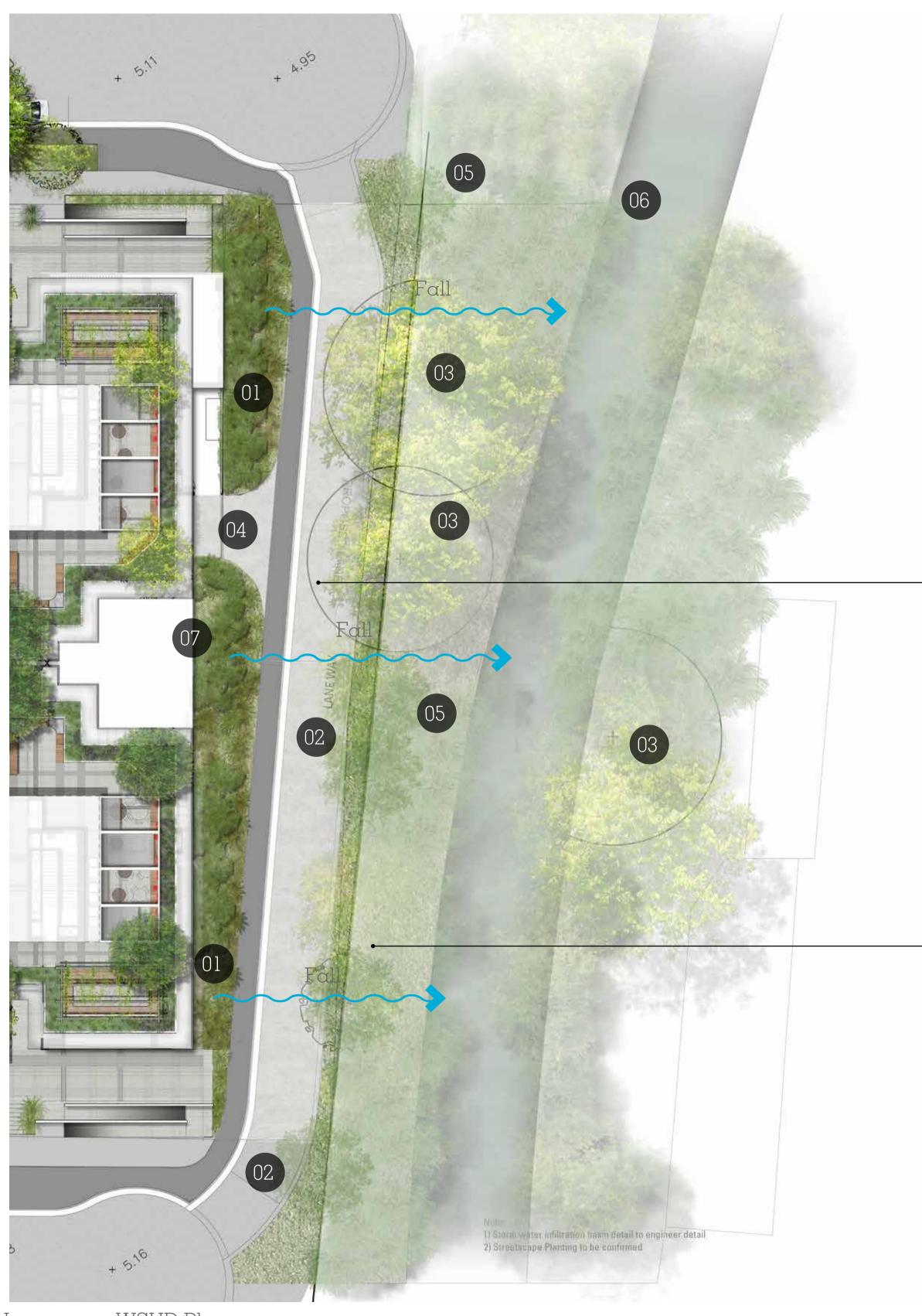
Location Plan - Rooftop







LANDSCAPELANEWAY



LEGEND

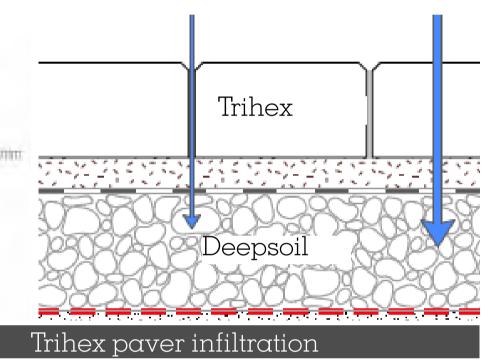
- 01 Native grasses planting
- O2 Proposed laneway 6m wide
- 03 Existing trees to be retained
- 04 Loading Dock
- 05 Existing embankment to be vegetated Riparian corridor planting
- 06 Existing Duck Creek
- 07 Podium line above



Location Plan







Riparian Corridor Planting

Laneway + WSUD Plan Scale: 1:200



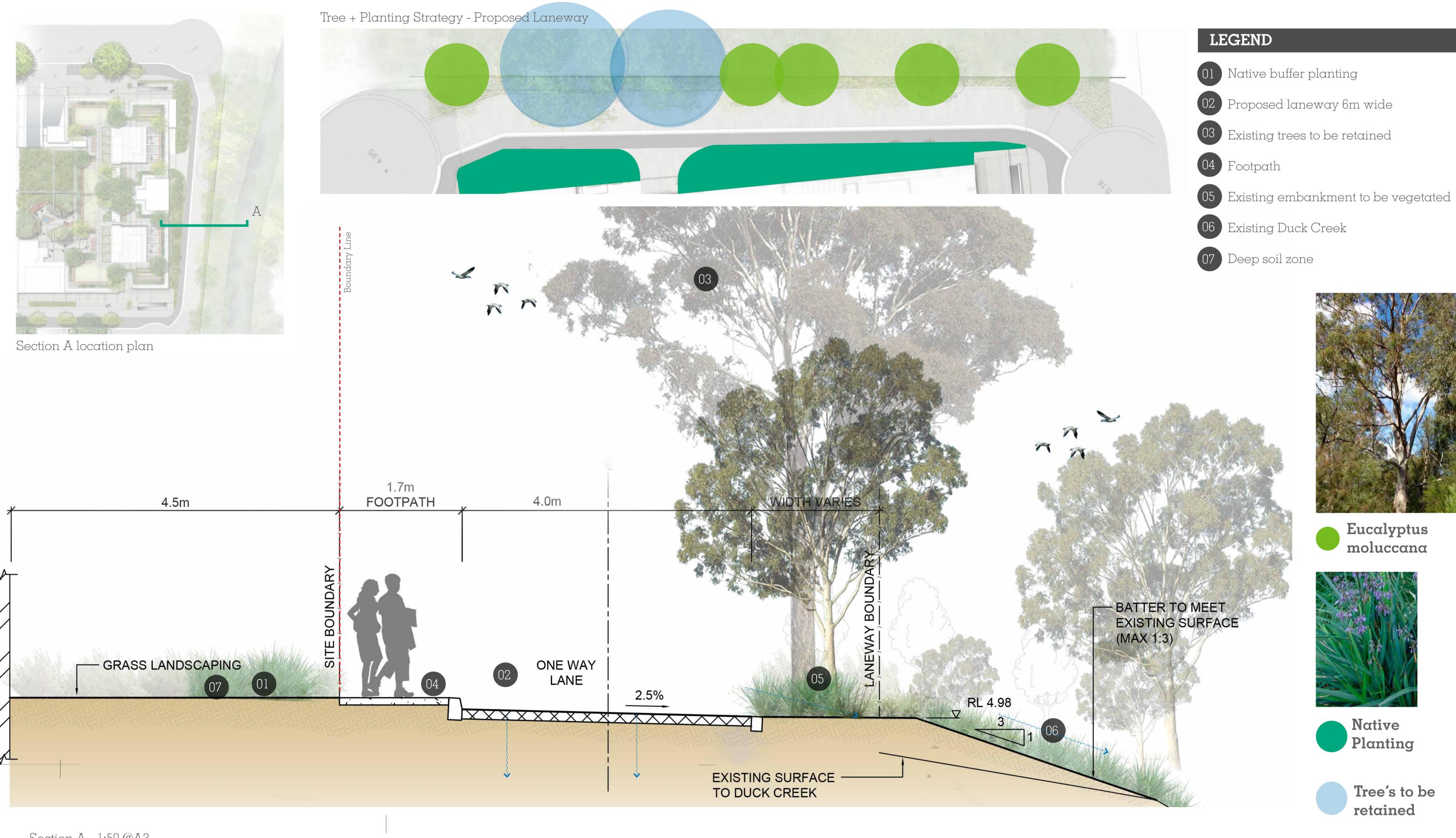


CLIENT

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SECTIONS//STREETSCAPE LANEWAY



Section A - 1:50 @A3





Section B location plan

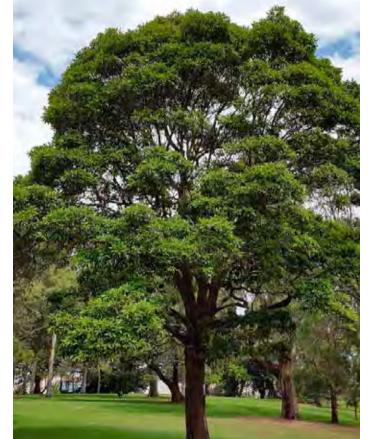
Figure 5.8 Paving Material Palette - Granville Town Centre

Secondary Stone **Main body** - smaller granite flagstones or setts in kerbside strip and asphalt pavement in foot

> Vehicle crossing, kerb ramp continue use of small granite flagstones or setts to suit grades and vehicle load.



Foot traffic zone Material: asphalt concrete of AC10 and AC5 (wearing course) Colour: natural







Tristaniopsis laurina



Street Tree Strategy - East Street





Section B - East Street 1:50 @A3

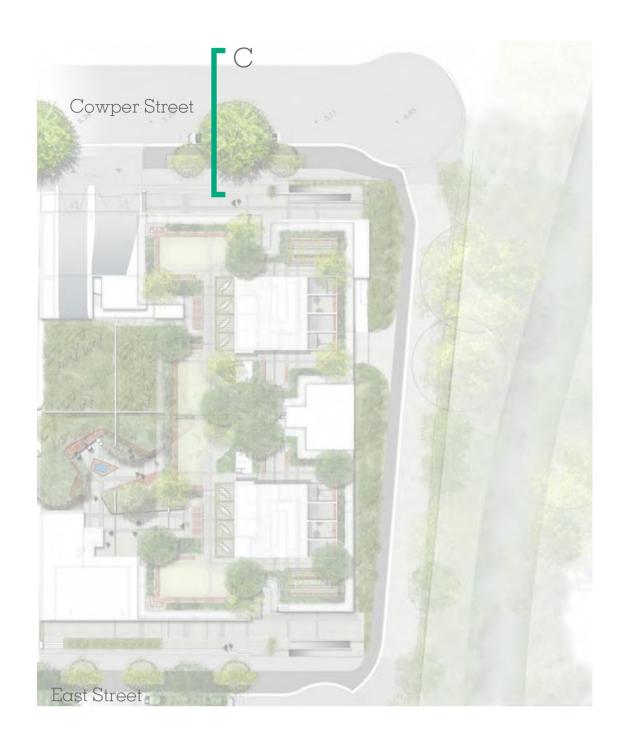
DGP 11 COWPER ROAD GRANVILLE **DEVELOTEK PROPERTY GROUP**

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Section C location plan

Figure 5.8 Paving Material Palette - Granville Town Centre

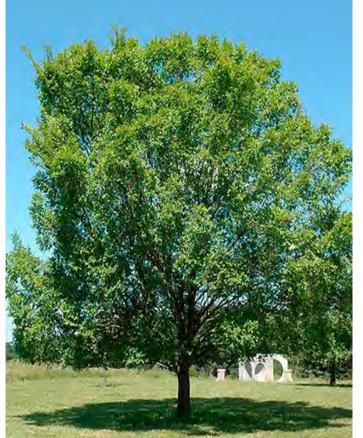
Treatment

Secondary Stone **Main body** - smaller granite flagstones or setts in kerbside strip and asphalt pavement in foot

> Vehicle crossing, kerb ramp continue use of small granite flagstones or setts to suit grades and vehicle load.



Foot traffic zone Material: asphalt concrete of AC10 and AC5 (wearing course) Colour: natural





Ulmus parvifolia Tristaniopsis laurina

Approved Development Street Planting



Street Tree Strategy - Cowper Street





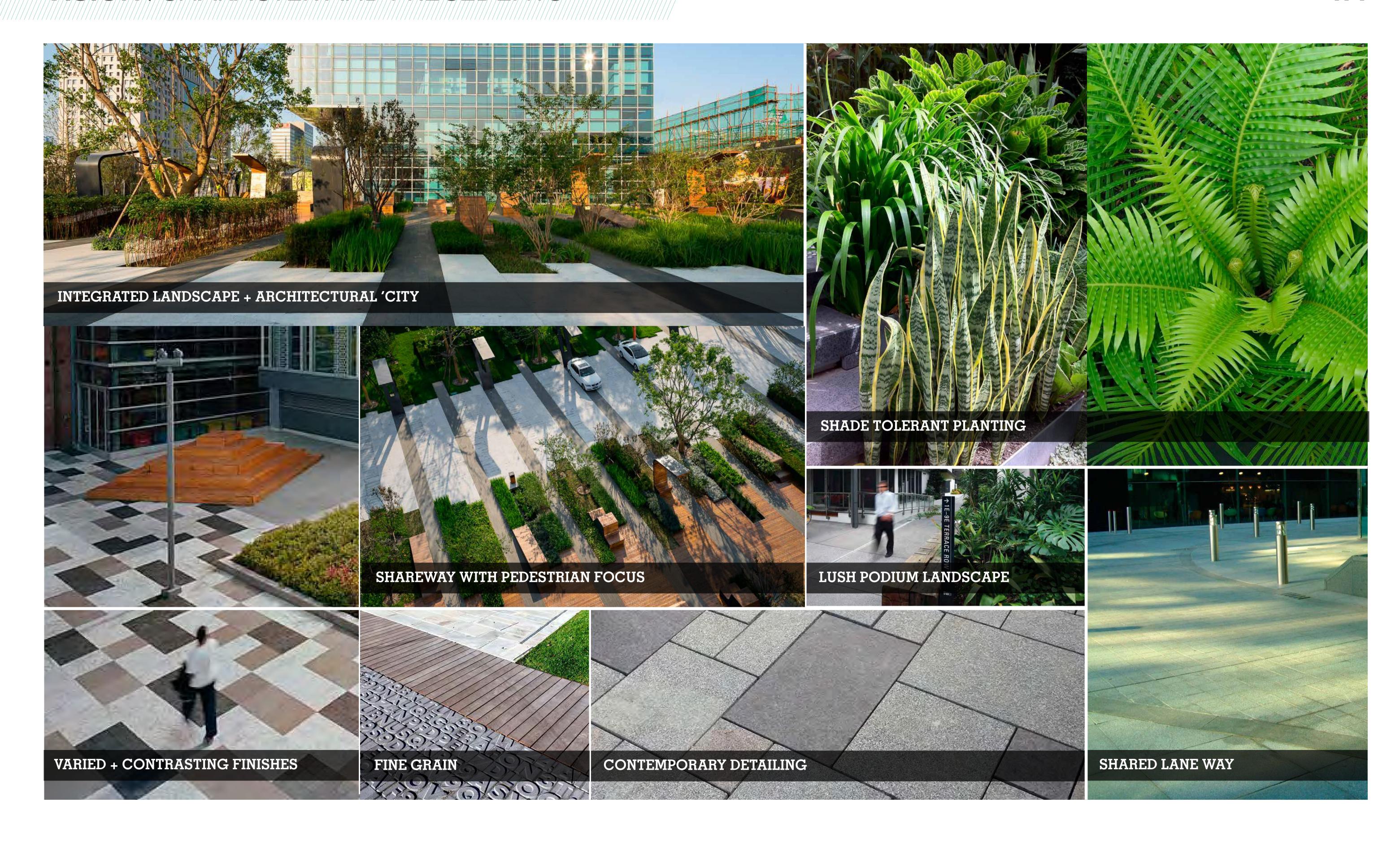
Section D - Cowper Street 1:50 @A3

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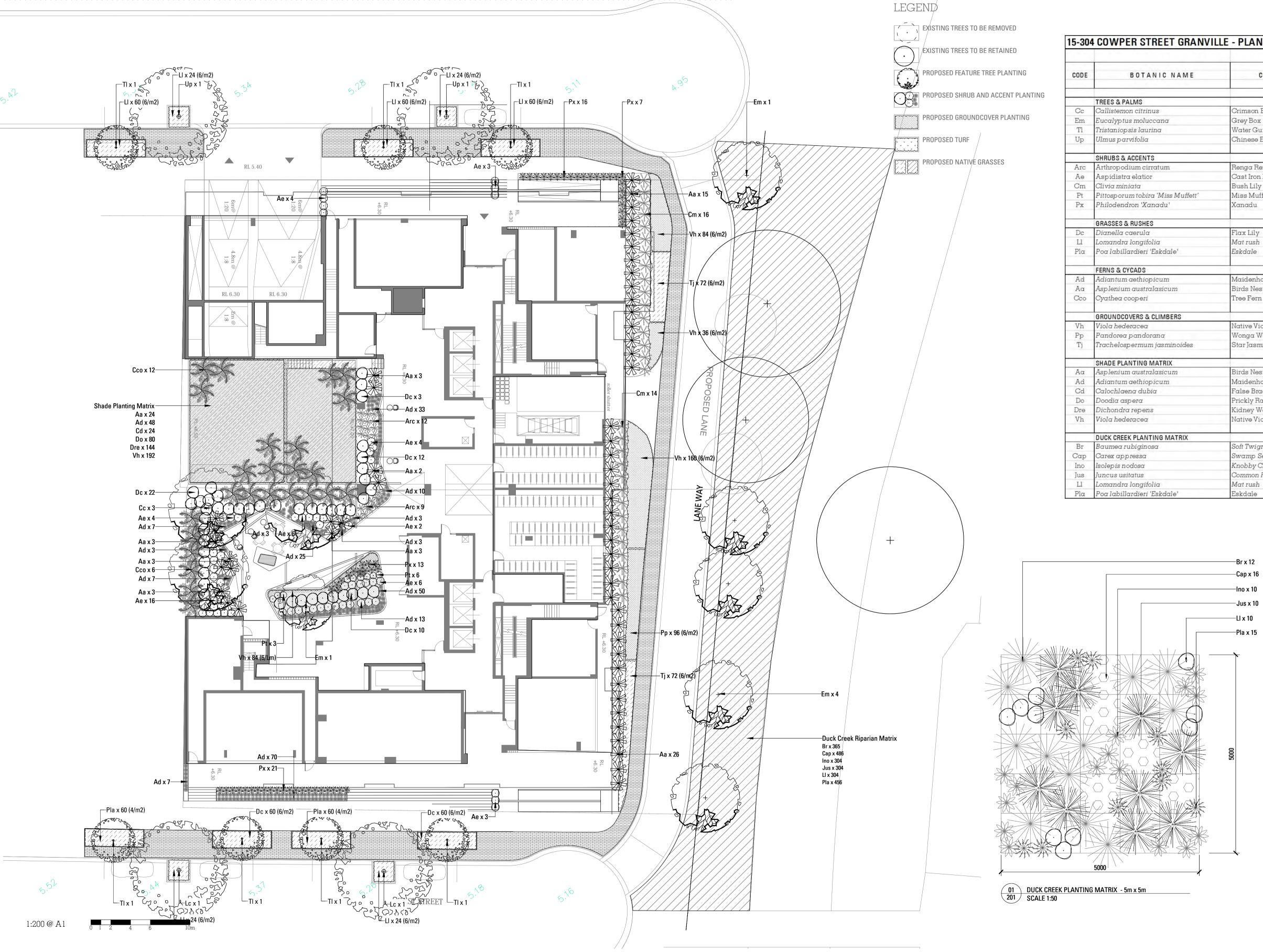
CLIENT **ARCHITECT**

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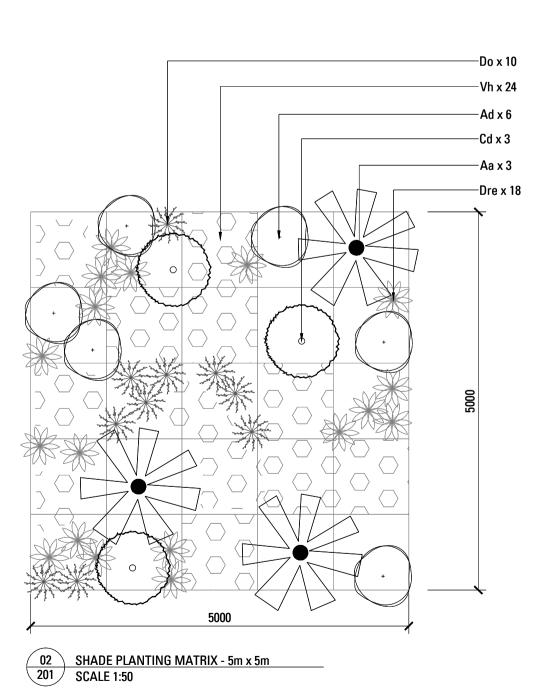
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PLANTING PLANGROUND/FLOOR



CODE	BOTANIC NAME	COMMON NAME	MATURE SIZE (h x w) (m)	PROPOSED POT SIZE	QUANTITY
	TREES & PALMS				
Cc	Callistemon citrinus	Crimson Bottlebrush	4 x 2	75L	3
Em	Eucalyptus moluccana	Grey Box	20 x 10	75L	6
Tl	Tristaniopsis laurina	Water Gum	10 x 5	200L	7
Up	Ulmus parvifolia	Chinese Elm	10 x 5	75L	2
	SHRUBS & ACCENTS	_			
Arc	Arthropodium cirratum	Renga Renga Lily	1 x 1	25L	21
Ae	Aspidistra elatior	Cast Iron Plant	0.5 x 1.0	10L	48
Cm	Clivia miniata	Bush Lily	1 x 1	150mm	30
Pt	Pittosporum tobira 'Miss Muffett'	Miss Muffett Pittosporum	0.8 x 1	25L	9
Px	Philodendron 'Xanadu'	Xanadu	1 x 1	25L	57
	GRASSES & RUSHES				
Dc	Dianella caerula	Flax Lily	0.5 x 0.5	150mm	145
Ll	Lomandra longifolia	Mat rush	0.6 x 0.6	150mm	277
Pla	Poa labillardieri 'Eskdale'	Eskdale	1 x 1	150mm	120
	FERNS & CYCADS				
Ad	Adiantum aethiopicum	Maidenhair Fern	0.5 x 0.5	200mm	234
Aα	Asplenium australasicum	Birds Nest Fern	1.5 x 1.5	5L	59
Cco	Cyathea cooperi	Tree Fern	5 x 2	Min 1.5m trunk	18
	GROUNDCOVERS & CLIMBERS				
Vh	Viola hederacea	Native Violet	0.2 x 0.5	150mm	280
Pp	Pandorea pandorana	Wonga Wonga Vine	0.25 x spreading	150mm	96
Tj	Trachelospermum jasminoides	Star Jasmine	0.25 x 1	150mm	144
	SHADE PLANTING MATRIX				
Aα	Asplenium australasicum	Birds Nest Fern	1.5 x 1.5	5L	24
Ad	Adiantum aethiopicum	Maidenhair Fern	0.5 x 0.5	200mm	96
Cd	Calochlaena dubia	False Bracken Fern	1.2 x 1.2	200mm	24
Do	Doodia aspera	Prickly Rasp Fem	0.5 x 0.5	150mm	80
Dre	Dichondra repens	Kidney Weed	0.1 x spreading	150mm	144
Vh	Viola hederacea	Native Violet	0.2 x 0.5	150mm	192
	DUCK CREEK PLANTING MATRIX				
Br	Baumea rubiginosa	Soft Twigrush	0.7 x 0.7	150mm	365
Cap	Carex appressa	Swamp Sedge	1 x 1	150mm	486
Ino	Isolepis nodosa	Knobby Club Rush	1 x 1	150mm	304
Jus	Juncus usitatus	Common Rush	0.8 x 0.5	150mm	304
Ll	Lomandra longifolia	Mat rush	0.6 x 0.6	150mm	304
Pla	Poa labillardieri 'Eskdale'	Eskdale	1 x 1	150mm	456





COWPER STREET GRANVILLE LANDSCAPE DEVELOPMENT APPLICATION



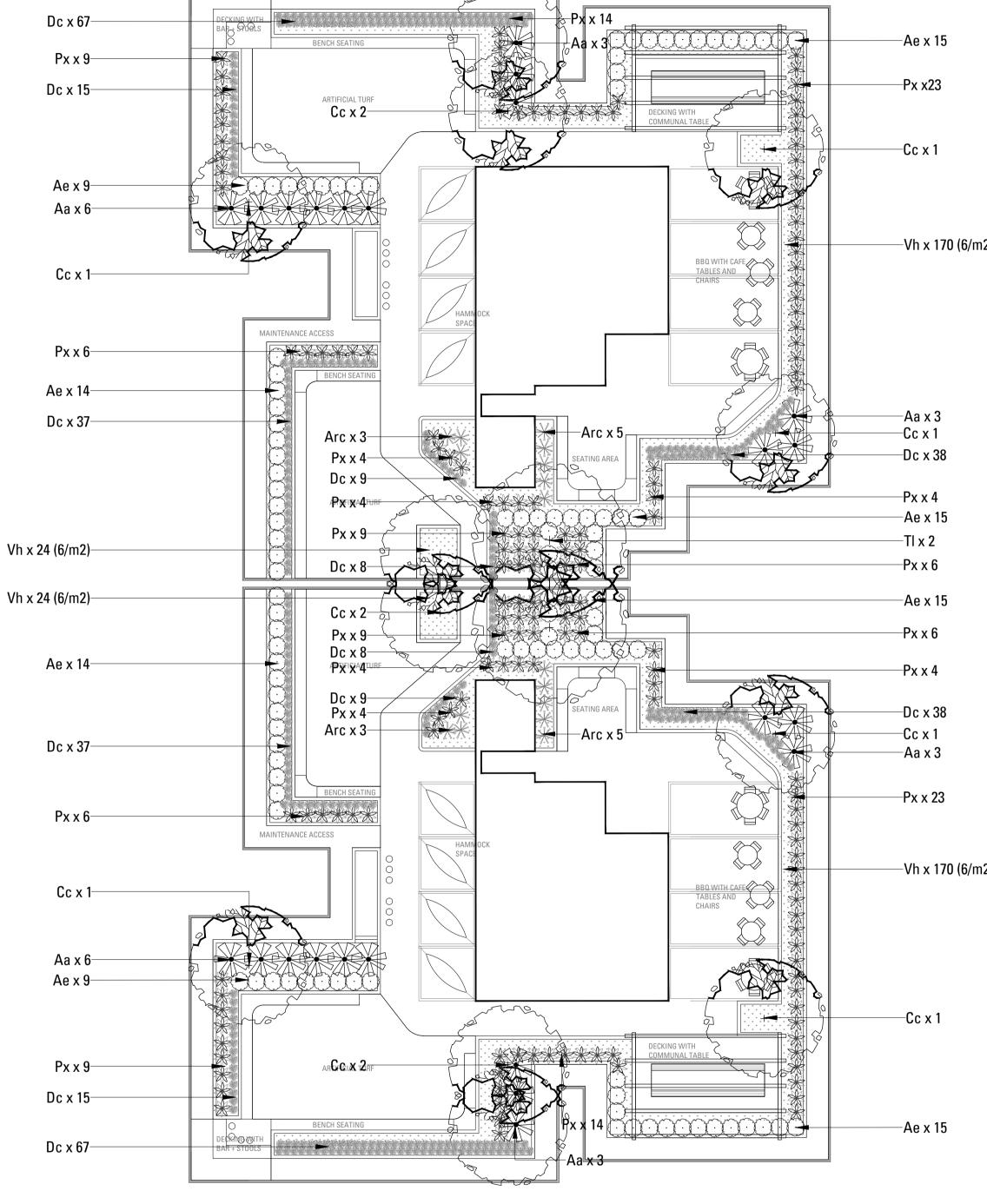
CLIENT ARCHITECT Marchese Partners

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DATE Feb 2017 1:200 @ A1

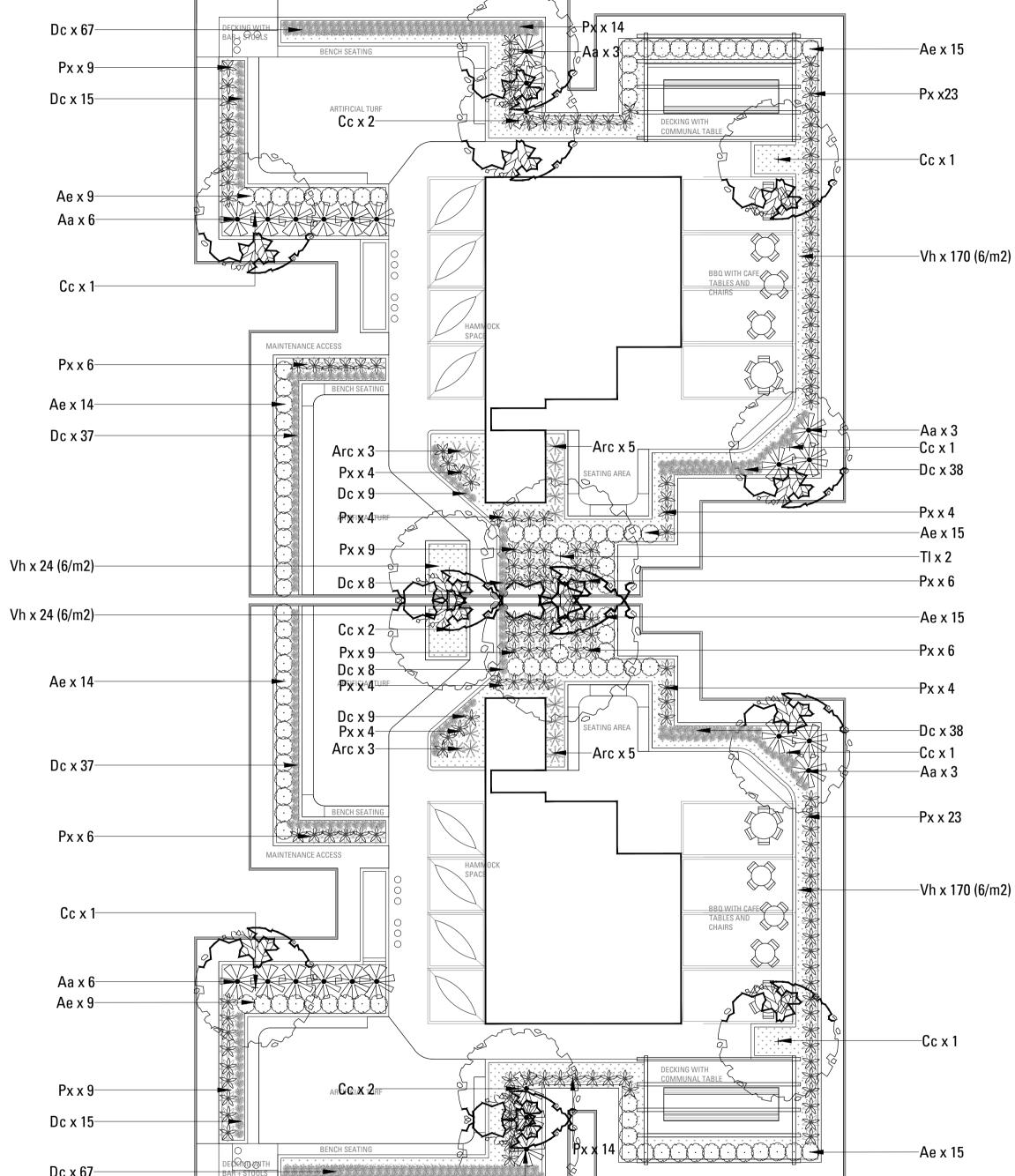
ISSUE F

EXISTING TREES TO BE REMOVED EXISTING TREES TO BE RETAINED PROPOSED FEATURE TREE PLANTING PROPOSED SHRUB AND ACCENT PLANTING PROPOSED GROUNDCOVER PLANTING



COWPER STREET GRANVILLE

LANDSCAPE DEVELOPMENT APPLICATION







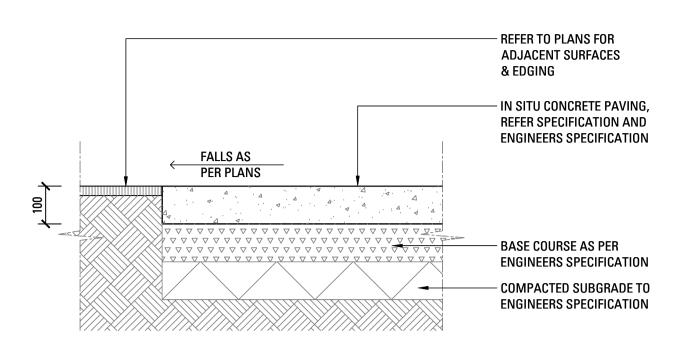


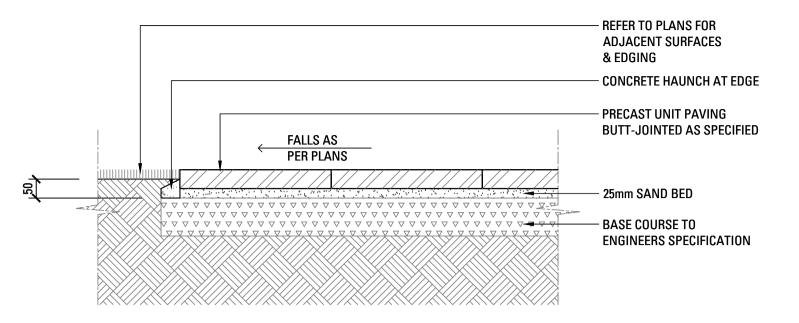
15-304 COWPER STREET, GRANVILLE - PLANT SCHEDULE

CODE	BOTANIC NAME	COMMON NAME	MATURE SIZE (hxw)(m)	POT SIZE	QUANTITY
	ROOFTOP				

	ROOFTOP						
	TREES & PALMS						
Cc	Callistemon citrinus	Crimson Bottlebrush	4 x 2	75L	12		
Tl	Tristaniopsis laurina	Water Gum	10 x 5	200Lt	2		
SHRUBS & ACCENTS							
Ae	Aspidistra elatior	Cast Iron Plant	0.6 x 0.6	150mm	91		
Arc	Arthropodium cirratum	Renga Renga Lily	l x l	25L	16		
Dc	Dianella caerula	Flax Lily	0.5×0.5	150mm	348		
Px	Philodendron 'Xanadu'	Xanadu	l x l	25L	158		
	FERNS & CYCADS						
Aα	Asplenium australasicum	Birds Nest Fern	1.5 x 1.5	200mm	24		
	GROUNDCOVERS & CLIMB	ERS					
Vh	Viola hederacea	Native Violet	0.2 x 0.5	150mm	388		

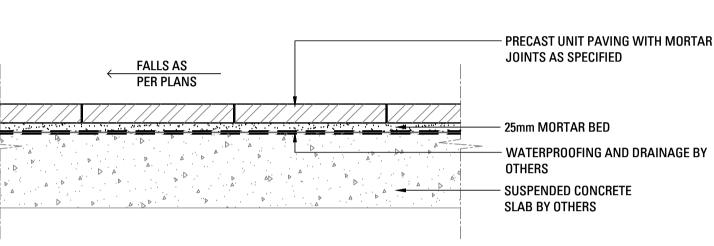
LANDSCAPE/DEVAILS/#/SPECIFICATION



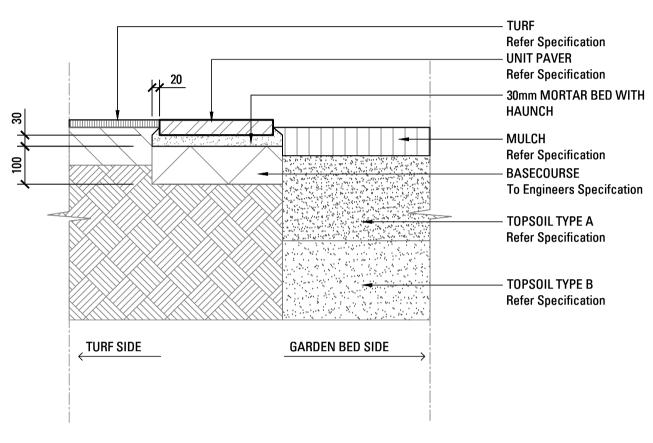


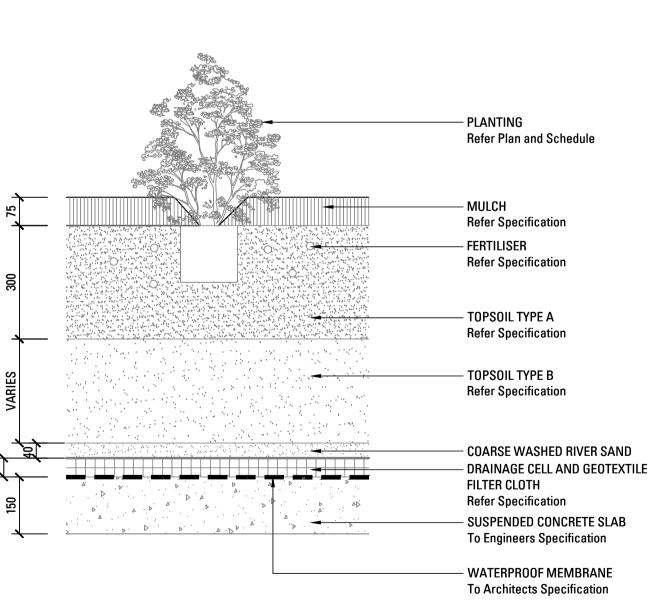
PRECAST UNIT PAVERS ON GRADE

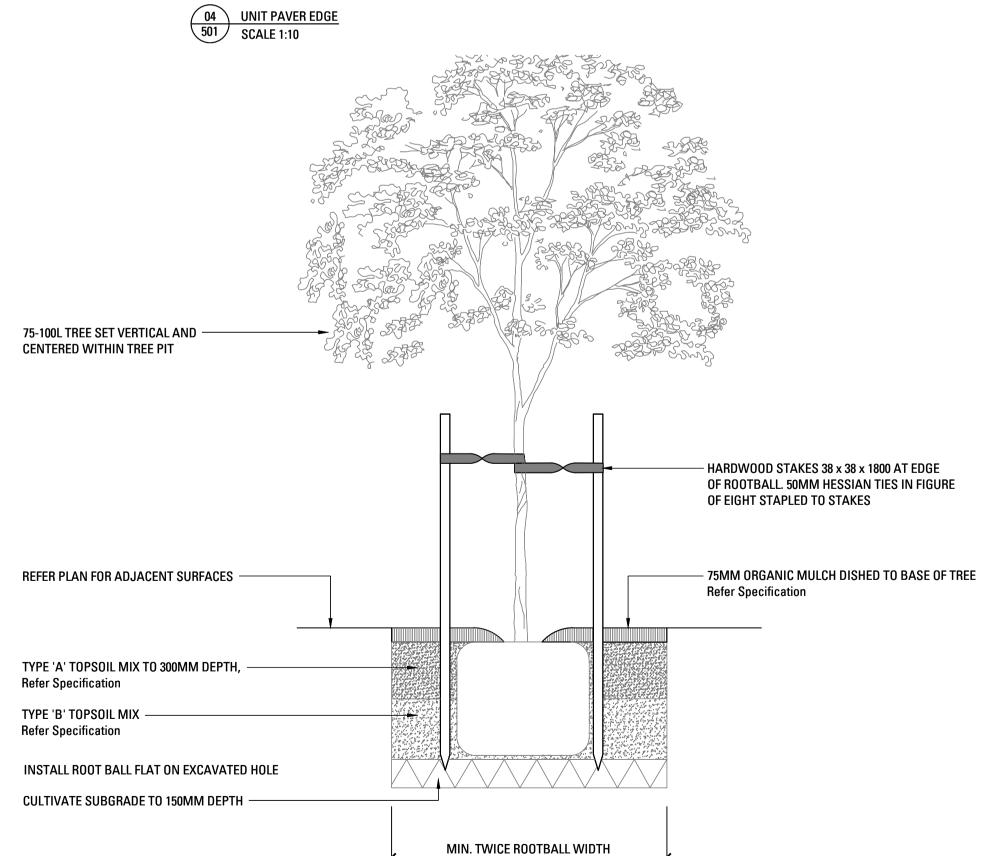
06 TREE PLANTING 75-100L 501 SCALE 1:20



PRECAST UNIT PAVERS ON SUSPENDED SLAB







LANDSCAPE SPECIFICATION NOTES

BEFORE LANDSCAPE WORK IS COMMENCED THE LANDSCAPE CONTRACTOR IS TO ESTABLISH THE POSITION OF ALL SERVICE LINES AND ENSURE TREE PLANTING IS CARRIED OUT AT LEAST 3 METRES AWAY FROM THESE SERVICES. SERVICE LIDS, VENTS AND HYDRANTS SHALL BE LEFT EXPOSED AND NOT COVERED BY ANY LANDSCAPE FINISHES (TURFING, PAVING, GARDEN BEDS ETC.) FINISH ADJOINING SURFACES FLUSH WITH PIT LIDS.

ABORIST MANAGEMENT OF TREE PROTECTION

A QUALIFIED AND APPROVED ABORIST IS TO BE CONTRACTED TO UNDERTAKE OR MANAGE THE INSTALLATION OF PROTECTIVE FENCING, AND TO UNDERTAKE SUCH MEASURES AS HE DEEMS APPROPRIATE TO PRESERVE THE SUBJECT TREES TO BE RETAINED. THE ARBORIST IS TO BE RETAINED FOR THE ENTIRE CONTRACT PERIOD TO UNDERTAKE ONGOING MANAGEMENT AND

DRAINAGE CELL AND FILTER FABRIC

FOR ON-SLAB AREAS INSTALL AN APPROVED 'DRAINAGE CELL' PRODUCT TO COMPREHENSIVELY COVER THE BOTTOM OF ALL PLANTERS. OVER DRAINAGE CELL TO ON-SLAB AREAS. A POLYFELT GEOTEXTILE LINING (AS SUPPLIED BY 'POLYFELT TS' OR APPROVED EQUIVALENT) IS TO BE INSTALLED TO COVER THE BOTTOM OF ALL PLANTERS, TURNED UP 300MM AND TAPED TO THE PLANTER SIDES TO ENSURE SOIL MIX DOES NOT ESCAPE INTO DRAINAGE OUTLETS/HOLES. INSTALL MIN. 50MM COARSE RIVER SAND OVER ALL GEOTEXTILE LINING PRIOR TO INSTALLATION OF SOIL MIX.

PLANTING MIXTURE SHALL BE HOMOGENOUS BLEND OF SOIL AND ADDITIVES IN THE FOLLOWING PROPORTIONS:

EXISTING SITE SOIL IF SUITABLE OR **IMPORTED TOPSOIL 50%**

SOIL TESTING OF EXISTING SITE SOIL IS TO BE UNDERTAKEN TO ASSESS SUITABILITY OF USE AS PLANTING TOPSOIL AND COMPLIANCE WITH AUSTRALIAN STANDARDS.

PLACE MULCH TO THE REQUIRED DEPTH, (REFER TO DRAWINGS) CLEAR OF PLANT STEMS, AND RAKE TO AN EVEN SURFACE FINISHING 25MM BELOW ADJOINING LEVELS. ENSURE MULCH IS WATERED IN AND TAMPED DOWN DURING INSTALLATION.

PINE BARK: FROM MATURE TREES, GRADED IN SIZE FROM 15MM TO 30MM, FREE FROM WOOD SLIVERS. DARK BROWN IN

SHALL BE WELL ROTTED VEGETATIVE MATERIAL OR ANIMAL MANURE, OR OTHER APPROVED MATERIAL, FREE FROM HARMFUL

CHEMICALS, GRASS AND WEED GROWTH AND WITH NEUTRAL PH. PROVIDE A CERTIFICATE OF PROOF OF PH UPON REQUEST.

ALL PLANTS SUPPLIED ARE TO CONFORM WITH THOSE SPECIES LISTED IN THE PLANT SCHEDULE ON THE DRAWINGS. GENERALLY PLANTS SHALL BE VIGOROUS, WELL ESTABLISHED, HARDENED OFF, OF GOOD FORM CONSISTENT WITH SPECIES OF VARIETY NOT SOFT OR FORCED, FREE FROM DISEASE OR INSECT PESTS WITH LARGE HEALTHY ROOT SYSTEMS AND NO EVIDENCE OF HAVING BEEN RESTRICTED OR DAMAGED. TREES SHALL HAVE A LEADING SHOOT, IMMEDIATELY REJECT DRIED OUT.

DAMAGED OR UNHEALTHY PLANT MATERIAL BEFORE PLANTING. ALL STOCK IS TO BE CONTAINER GROWN FOR A MINIMUM OF

SIX (6) MONTHS PRIOR TO DELIVERY TO SITE

FERTILISER SHALL BE 'NUTRICOTE' OR APPROVED EQUIVALENT IN GRANULE FORM INTENDED FOR SLOW RELEASE OF PLANT NUTRIENTS OVER A PERIOD OF APPROXIMATELY NINE MONTHS. THOROUGHLY MIX FERTILISER WITH PLANTING MIXTURE AT THE RECOMMENDED RATE, PRIOR TO INSTALLING PLANTS.

SHALL BE SIR WALTER BUFFALO. SHIRLEYS NO. 17 OR APPROVED EQUAL LAWN FOOD SHALL BE THOROUGHLY MIXED INTO THE TOPSOIL PRIOR TO PLACING TURE.

TREES IN GRASS AND SUPER ADVANCED TREES:

PELLETS SHALL BE IN THE FORM INTENDED TO UNIFORMLY RELEASE PLANT FOOD ELEMENTS FOR A PERIOD OF APPROXIMATELY NINE MONTHS EQUAL TO SHIRLEYS KOKEI PELLETS, ANALYSIS 6.3:1.8:2.9. KOKEI PELLETS SHALL BE PLACED AT THE TIME OF PLANTING TO THE BASE OF THE PLANT, 50MM MINIMUM FROM THE ROOT BALL AT A RATE OF TWO PELLETS PER 300MM OF TOP **GROWTH TO A MAXIMUM OF 8 PELLETS PER TREE.**

STAKING AND TYING STAKES SHALL BE STRAIGHT HARDWOOD, FREE FROM KNOTS AND TWISTS, POINTED AT ONE END AND

SIZED ACCORDING TO SIZE OF PLANTS TO BE STAKE

A. 5-15 LITRE SIZE PLANT 1X(1200X25X25MM)

B. 35-75 LITRE SIZE PLANT 2X(1500X38X38MM)

C. 100-GREATER THAN 2001 ITRE 3X(1800X50X50MM) TIES SHALL BE 50MM WIDE HESSIAN WEBBING OR APPROVED EQUIVALENT NAILED OR STAPLED TO STAKE. DRIVE STAKES A

SUPPLY AN AUTOMATIC WATERING SYSTEM USING 'TORO IRRIGATION SYSTEM' OR SIMILAR APPROVED, WITH MICRO-JET SPRINKLER HEADS AND LOW DENSITY, RUBBER MODIFIED POLYPROPYLENE RETICULATION, TO INCLUDE FILTERS, BENDS JUNCTIONS, ENDS AND OTHER ANCILLARY EQUIPMENT, THE LANDSCAPER SHALL NOMINATE HIS SOURCE OF SUPPLY FOR THE WATERING SYSTEM AND OBTAIN APPROVAL FROM THE SUPERINTENDENT BEFORE PLACING ORDERS FOR EQUIPMENT OR

A SCHEMATIC PLAN OF THE PROPOSED IRRIGATION SYSTEM IS TO BE PREPARED BY THE CONTRACTOR, SHOWING SOLENOIDS, PIPE DIAMETERS, AND ALL NOZZLE AND TRICKLE ATTACHMENT TYPES (INCLUDING SPRAY/HEAD ANGLE), FOR REVIEW BY THE

THE CONTRACTOR IS TO LIASE WITH THE HYDRAULIC ENGINEER AND COUNCIL AS NECESSARY, TO ENSURE THE THE IRRIGATION SYSTEM CONFORMS WITH ALL THE COUNCIL AND WATER BOARD CODES AND REQUIREMENTS.

PROVIDE AN AUTOMATIC CONTROLLER THAT PROVIDES FOR TWO WEEK SCHEDULING AND HOURLY MULTI-CYCLE OPERATION. THE CONTROLLER SHALL MANUAL OVERRIDE. PROGRAMMING SHALL BE UNDERTAKEN BY THE CONTRACTOR WHO SHALL

PROVISION OF SECURE HOUSING FOR THE AUTOMATIC IRRIGATION CONTROLLER TO BE LOCATED IN ASSOCIATION WITH THE LANDSCAPE CONTRACTOR AND LOCATION CONFIRMED BY THE SUPERINTENDENT. WIRING TO CONNECT REMOTE SOLENOID LOCATIONS IS TO BE PROVIDED. THE CONTROLLER SHALL BE LOCATED IN A DRY PLACE, PROTECTED FROM THE WEATHER, AND ALL CABLE CONNECTIONS SHALL BE MADE WITH WATERPROOF CONNECTORS.

WATER SUPPLY POINTS TO BE SUPPLIED BY BUILDER.

ADVISE ON THE OPERATION OF THE SYSTEM.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE AND GUARANTEE SATISFACTORY OPERATION OF THE IRRIGATION

AFTER THE SYSTEM HAS BEEN INSTALLED TO THE SATISFACTION OF THE SUPERINTENDENT. THE INSTALLATION SHALL BE TESTED UNDER KNOWN WORKING CONDITIONS. ACCEPTANCE OF THE INSTALLED PLANT AND EQUIPMENT SHALL BE SUBJECT

TREATED PINE TIMBER EDGING

TIMBER EDGE: 100 X 25MM CCA TREATED RADIATA PINE TIMBER STAKES: 50 X 50 X 500MM CCA TREATED RADIATA PINE-SHARPENED AT ONE END. INSTALL IN LOCATIONS SHOWN ON THE DRAWINGS FLUSH TO FINISHED SURFACE LEVELS.

TURF ALL LANDSCAPE AREAS AS SHOWN ON THE LANDSCAPE DRAWINGS. TURF IS TO HAVE AN EVEN THICKNESS OF NOT LESS THAN 25MM. OBTAIN TURF FROM AN APPROVED GROWER. FURNISH A WARRANTY FROM THE GROWER THAT THE TURF IS FREE FROM WEEDS AND OTHER FOREIGN MATTER, DELIVER TURF TO THE SITE WITHIN 24 HOURS OF BEING CUT, AND LAY IT WITHIN 24

TO PREPARE GRADED AREAS TO RECEIVE TURF, EXCAVATE THE AREA AND CULTIVATE SO AS TO ALLOW FOR IMPORTING OF 100MM OF TURF UNDERLAY SOIL. REMOVE ALL STONES OVER 50MM Ø AND REMOVE ALL WEEDS AND FOREIGN MATTER. SPREAD SOIL MIX A.B.S TO A DEPTH OF 100MM AND GRADE TO APPROPRIATE LEVELS TO ACHIEVE GENERAL EVEN GRADES TO DRAINAGE

LAY THE TURF ALONG THE LAND CONTOURS WITH STAGGERED, CLOSE BUTTED JOINTS, SO THAT THE FINISHED TURF SURFACE IS FLUSH WITH ADJACENT FINISHED SURFACES OF PAVING AND THE LIKE. AS SOON AS PRACTICABLE AFTER LAYING, ROLL THE TURF WITH A ROLLER WEIGHING NOT MORE THAN 90KG PER METRE OF WIDTH FOR SANDY OR LIGHT SOILS.

WATER AS NECESSARY TO KEEP THE SOIL MOIST TO A DEPTH OF 100MM, PROTECT NEWLY TURFED AREAS AGAINST TRAFFIC UNTIL GRASS IS ESTABLISHED. FERTILISE TWO WEEKS AFTER LAYING FERTILISE A.B.S

'TOP DRESS' THE TURE WHEN IT IS ESTABLISHED TO A DEPTH OF 10MM WITH COARSE WASHED RIVER SAND, RUB THE DRESSING WELL INTO THE JOINTS AND CORRECT ANY LINEVENNESS IN THE TURE SURFACES.

LANDSCAPE MAINTENANCE PROGRAM

MAINTENANCE SHALL MEAN THE CARE AND MAINTENANCE OF THE LANDSCAPE WORKS BY ACCEPTED HORTICULTURAL PRACTICE AS RECTIFYING ANY DEFECTS THAT BECOME APPARENT IN THE LANDSCAPE WORKS UNDER NORMAL USE. THIS SHALL INCLUDE, BUT SHALL NOT BE LIMITED TO, WATERING, MOWING, FERTILISING, RESEEDING, RETURFING, WEEDING, PEST AND DISEASE CONTROL, STAKING AND TYING, REPLANTING, CULTIVATION, PRUNING, AERATING, RENOVATING, TOP DRESSING, MAINTAINING THE SITE IN A NEAT AND TIDY CONDITION AS FOLLOWS:-

THE LANDSCAPE CONTRACTOR SHALL MAINTAIN THE LANDSCAPE WORKS FOR THE TERM OF THE MAINTENANCE (OR PLANT ESTABLISHMENT) PERIOD TO THE SATISFACTION OF THE COUNCIL. THE LANDSCAPE CONTRACTOR SHALL ATTEND TO THE SITE ON A WEEKLY BASIS. THE MAINTENANCE PERIOD SHALL COMMENCE AT PRACTICAL COMPLETION AND CONTINUE FOR A PERIOD OF TWENTY SIX (26) WEEKS.

GRASS, TREES AND GARDEN AREAS SHALL BE WATERED REGULARLY SO AS TO ENSURE CONTINUOUS HEALTHY GROWTH.

DURING THE TERM OF THE MAINTENANCE PERIOD THE LANDSCAPE CONTRACTOR SHALL REMOVE RUBBISH THAT MAY OCCUR AND REOCCUR THROUGHOUT THE MAINTENANCE PERIOD. THIS WORK SHALL BE CARRIED OUT REGULARLY SO THAT AT WEEKLY INTERVALS THE AREA MAY BE OBSERVED IN A COMPLETELY CLEAN AND TIDY CONDITION.

THE LANDSCAPE CONTRACTOR SHALL REPLACE ALL PLANTS THAT ARE MISSING, UNHEALTHY OR DEAD AT THE LANDSCAPE CONTRACTOR'S COST. REPLACEMENTS SHALL BE OF THE SAME SIZE, QUALITY AND SPECIES AS THE PLANT THAT HAS FAILED UNLESS OTHERWISE DIRECTED BY THE LANDSCAPE ARCHITECT. REPLACEMENTS SHALL BE MADE ON A CONTINUING BASIS NOT EXCEEDING TWO (2) WEEKS AFTER THE PLANT HAS DIED OR IS SEEN TO BE MISSING.

THE LANDSCAPE CONTRACTOR SHALL REPLACE OR ADJUST PLANT STAKES, AND TREE GUARDS AS NECESSARY OR AS DIRECTED

BY THE LANDSCAPE ARCHITECT. REMOVE STAKES AND TIES AT THE END OF THE MAINTENANCE PERIOD IF SO DIRECTED.

TREES AND SHRUBS SHALL BE PRUNED AS DIRECTED BY THE LANDSCAPE ARCHITECT. PRUNING WILL BE DIRECTED AT THE

MAINTENANCE OF THE DENSE FOLIAGE OR MISCELLANEOUS PRUNING AND BENEFICIAL TO THE CONDITION OF THE PLANTS. ANY DAMAGED GROWTH SHALL BE PRUNED. ALL PRUNED MATERIAL SHALL BE REMOVED FROM THE SITE.

ALL MULCHED SURFACES SHALL BE MAINTAINED IN A CLEAN AND TIDY CONDITION AND BE REINSTATED IF NECESSARY TO ENSURE THAT A DEPTH OF 75MM IS MAINTAINED. ENSURE MULCH IS KEPT CLEAR OF PLANT STEMS AT ALL TIMES.

PEST AND DISEASED CONTROL

THE LANDSCAPE CONTRACTOR SHALL SPRAY AGAINST INSECT AND FUNGUS INFESTATION WITH ALL SPRAYING TO BE CARRIED OUT IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS. REPORT ALL INSTANCES OF PESTS AND DISEASES (IMMEDIATELY THAT THEY ARE DETECTED) TO THE LANDSCAPE ARCHITECT.

GRASS AND TURF AREAS THE LANDSCAPE CONTRACTOR SHALL MAINTAIN ALL GRASS AND TURF AREAS BY WATERING, WEEDING, DRESSING, ROLLING,

MOWING, TRIMMING OR OTHER OPERATIONS AS NECESSARY, SEED AND TURE SPECIES SHALL BE THE SAME AS THE ORIGINAL SPECIFIED MIXTURE. GRASS AND TURF AREAS SHALL BE SPRAYED WITH APPROVED SELECTIVE HERBICIDE AGAINST BROAD LEAFED WEEDS AS REQUIRED BY THE LANDSCAPE ARCHITECT AND IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS. GRASS AND TURF AREAS SHALL BE FERTILISED ONCE A YEAR IN AUTUMN WITH "DYNAMIC LIFTER" FOR LAWNS AT A RATE OF 20KG PER 100M2. FERTILISER SHALL BE WATERED IN IMMEDIATELY AFTER APPLICATION. IRREGULARITIES IN THE GRASS AND TURF SHALL BE WATERED IN IMMEDIATELY AFTER APPLICATION. GRASS AND TURF AREAS SHALL BE KEPT MOWN TO MAINTAIN A HEALTHY AND VIGOROUS SWARD, MOWING HEIGHT: 30-50MM.

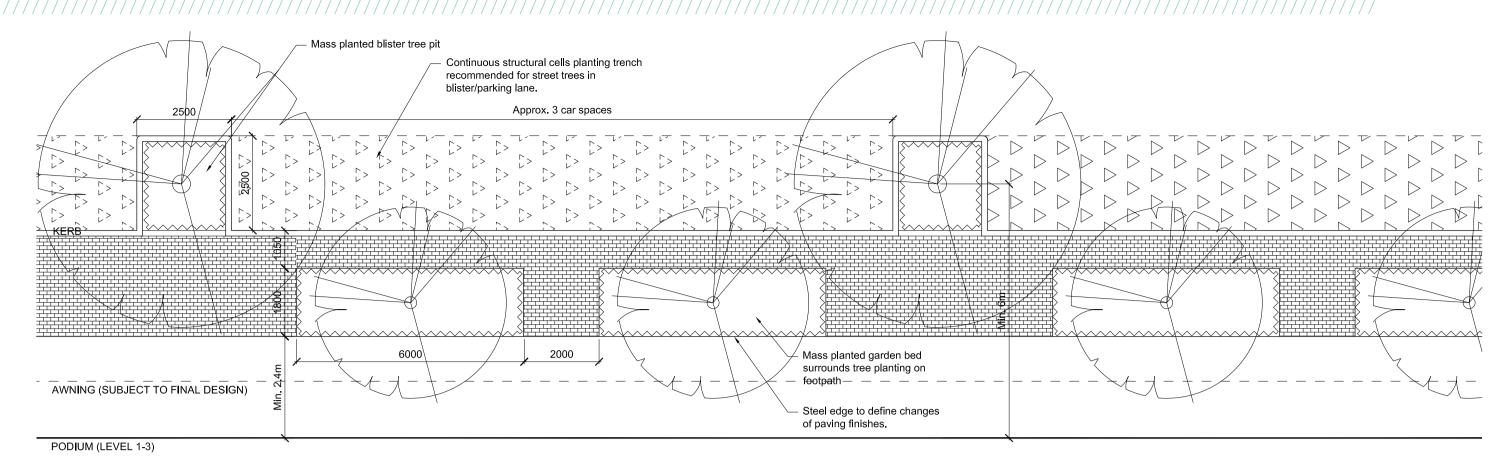
ERADICATE WEEDS BY ENVIRONMENTALLY ACCEPTABLE METHODS USING A NON-RESIDUAL GLYPHOSATE HERBICIDE (EG. 'ROUNDUP') IN ANY OF ITS REGISTERED FORMULAE, AT THE RECOMMENDED MAXIMUM RATE, REGULARLY REMOVE BY HAND. WEED GROWTH THAT MAY OCCUR OR RECUR THROUGHOUT GRASSED, PLANTED AND MULCHED AREAS. REMOVE WEED GROWTH FROM AN AREA 750MM DIAMETER AROUND THE BASE OF TREES IN GRASSED AREAS. CONTINUE ERADICATION THROUGHOUT THE COURSE OF THE WORKS AND DURING THE MAINTENANCE PERIOD

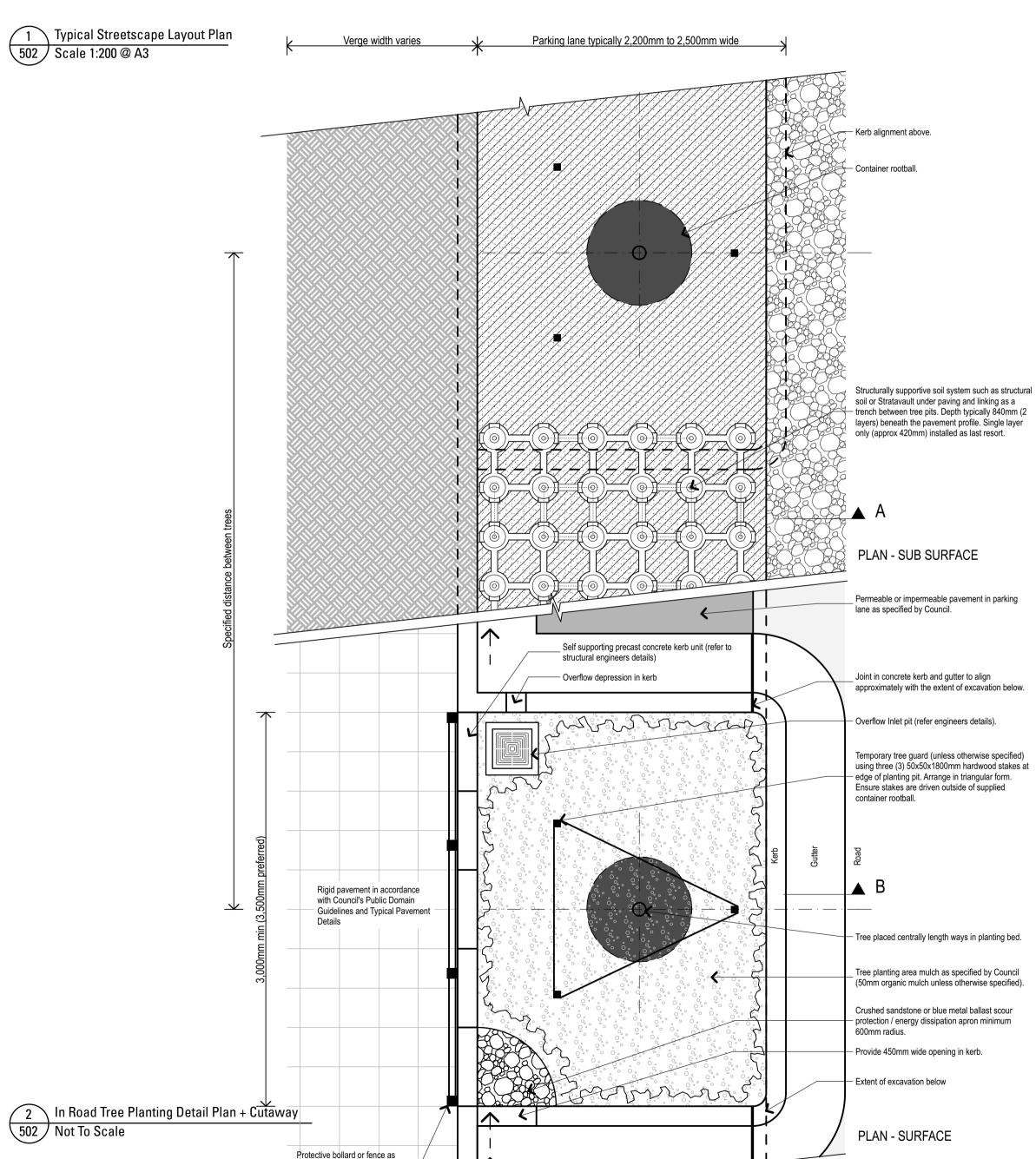
ANY SOIL SUBSIDENCE OR EROSION WHICH MAY OCCUR AFTER THE SOIL FILLING AND PREPARATION OPERATIONS SHALL BE MADE GOOD BY THE LANDSCAPE CONTRACTOR AT NO COST TO THE CLIENT



ARCHITECT

LANDSCAPE DETAILS



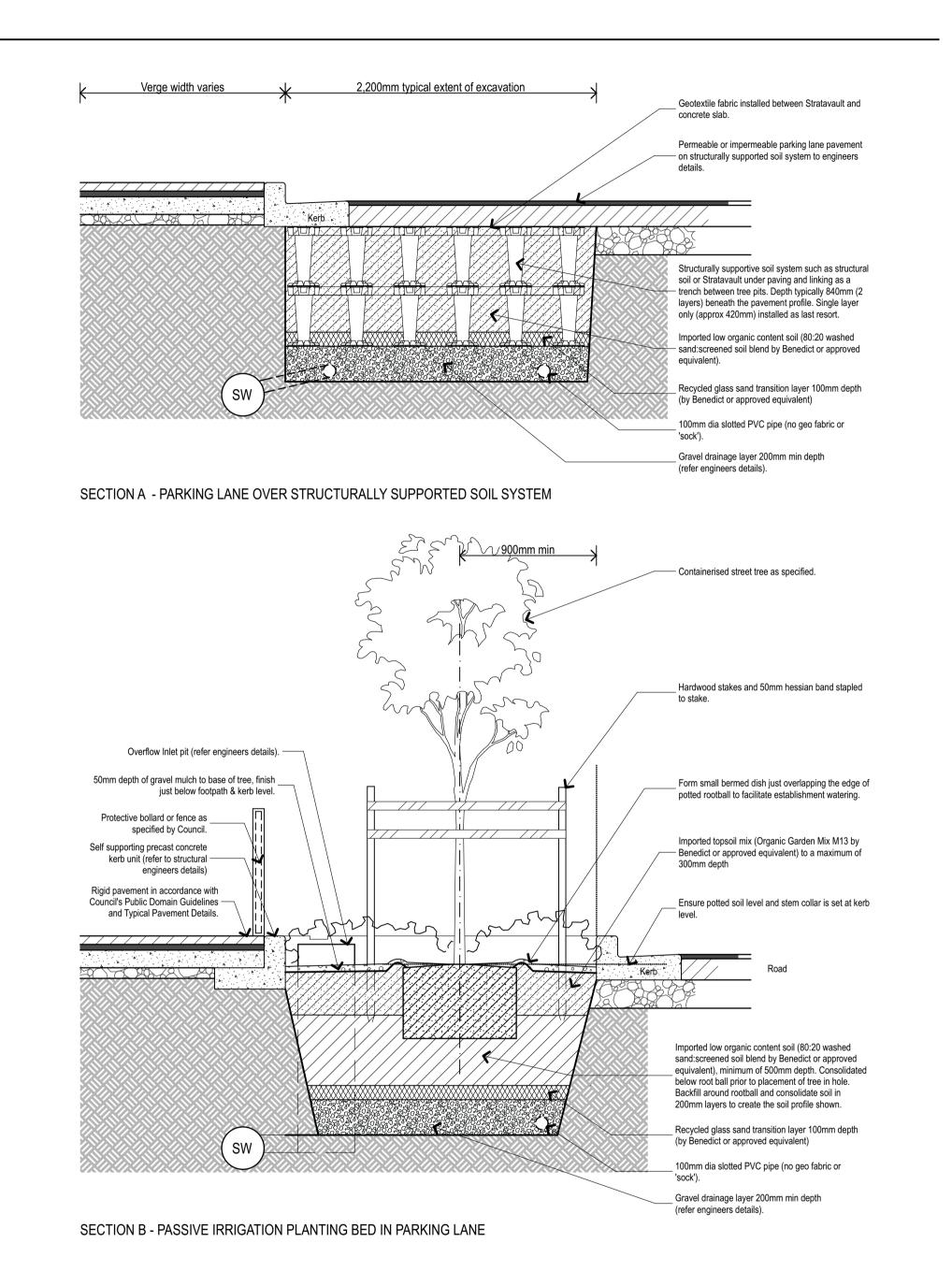


ARCADIA LANDSCAPE ARCHITECTURE

specified by Council.

DGP 11 COWPER ROAD GRANVILLE DEVELOTEK PROPERTY GROUP

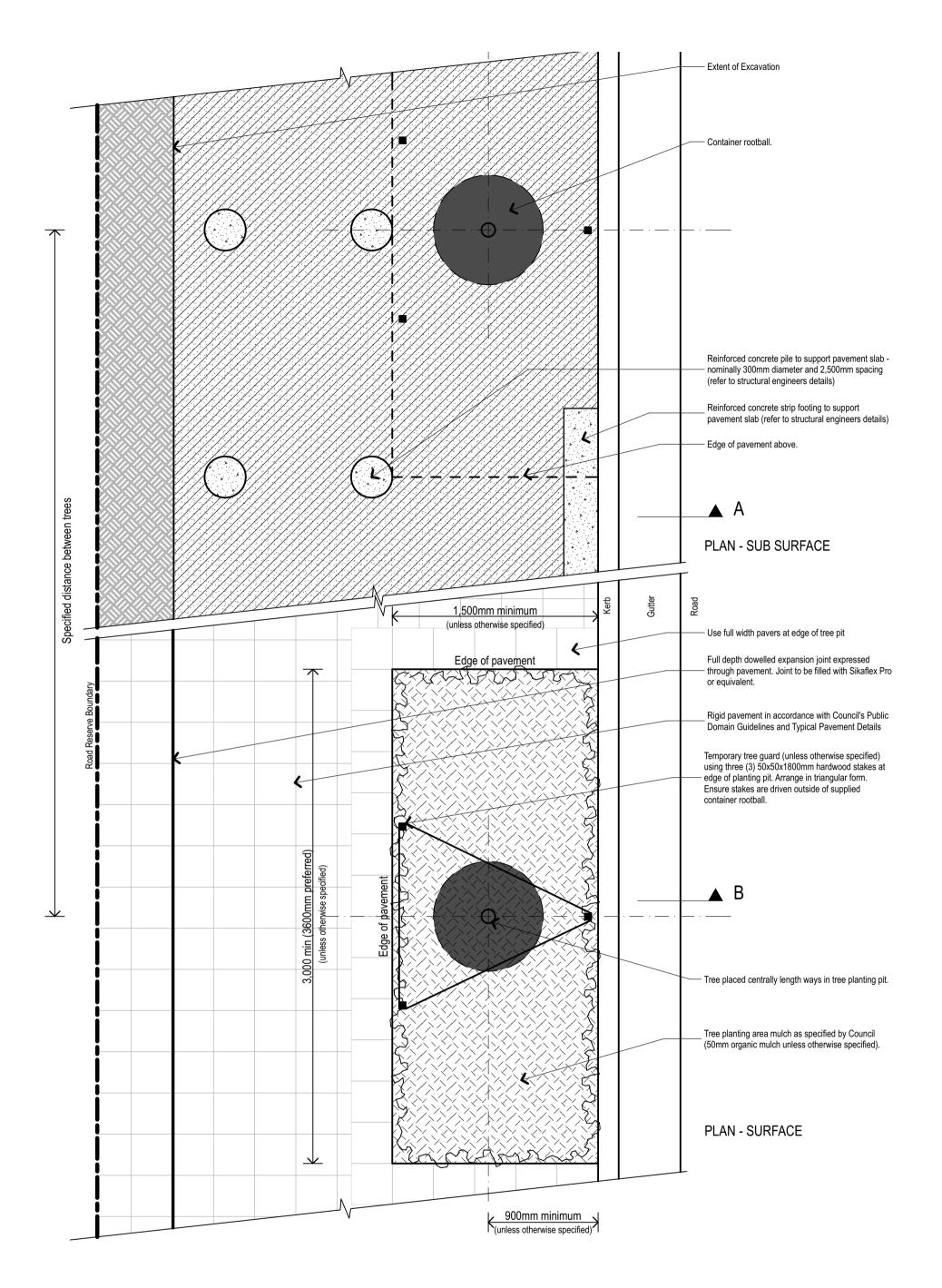
PUBLIC DOMAIN DETAILS TO BE AS PER COUNCIL PUBLIC DOMAIN RECOMMENDATIONS

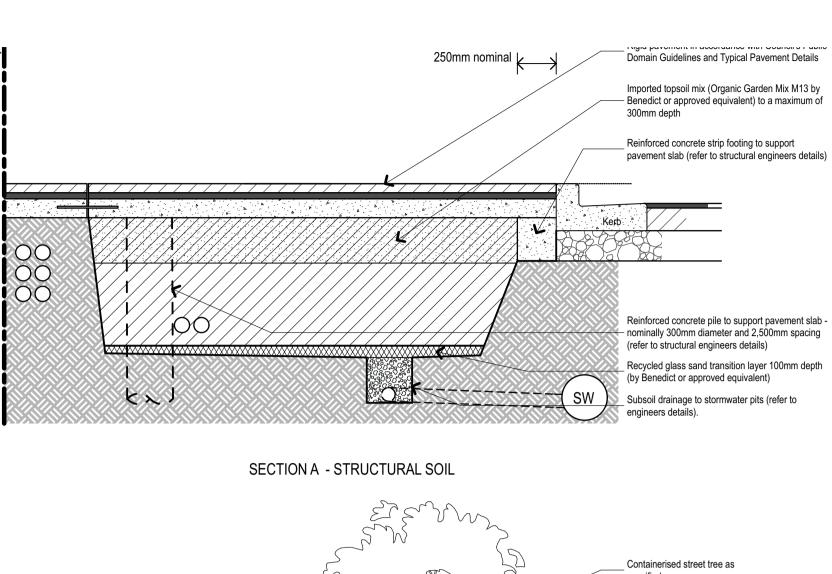


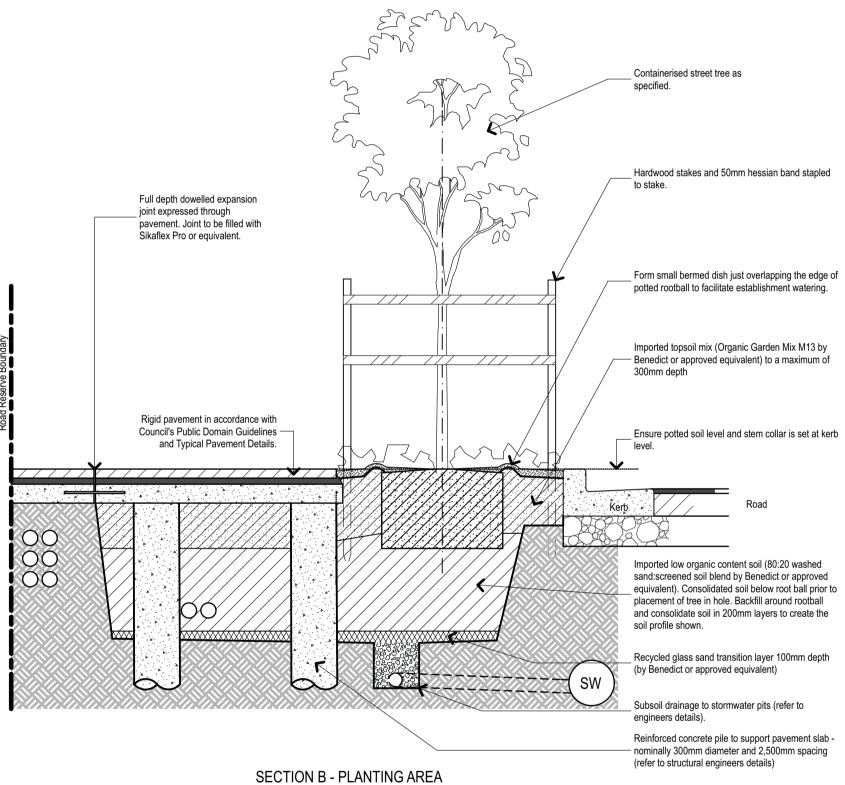
PREPARED BYArcadia Landscape ArchitectureCLIENTDEVELOTEKARCHITECTMARCHESE PARTNERS

DATE Feb 2017
SCALE
ISSUE F

LANDSCAPE DETAILS 50:







Tree Planting In Verge Detail Plan + Cutaway

Not To Scale



PREPARED BY Arcadia Landscape Architecture
CLIENT DEVELOTEK
ARCHITECT MARCHESE PARTNERS

PUBLIC DOMAIN DETAILS TO BE AS PER COUNCIL

PUBLIC DOMAIN RECOMMENDATIONS

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