

LORD SHEFFIELD PENRITH

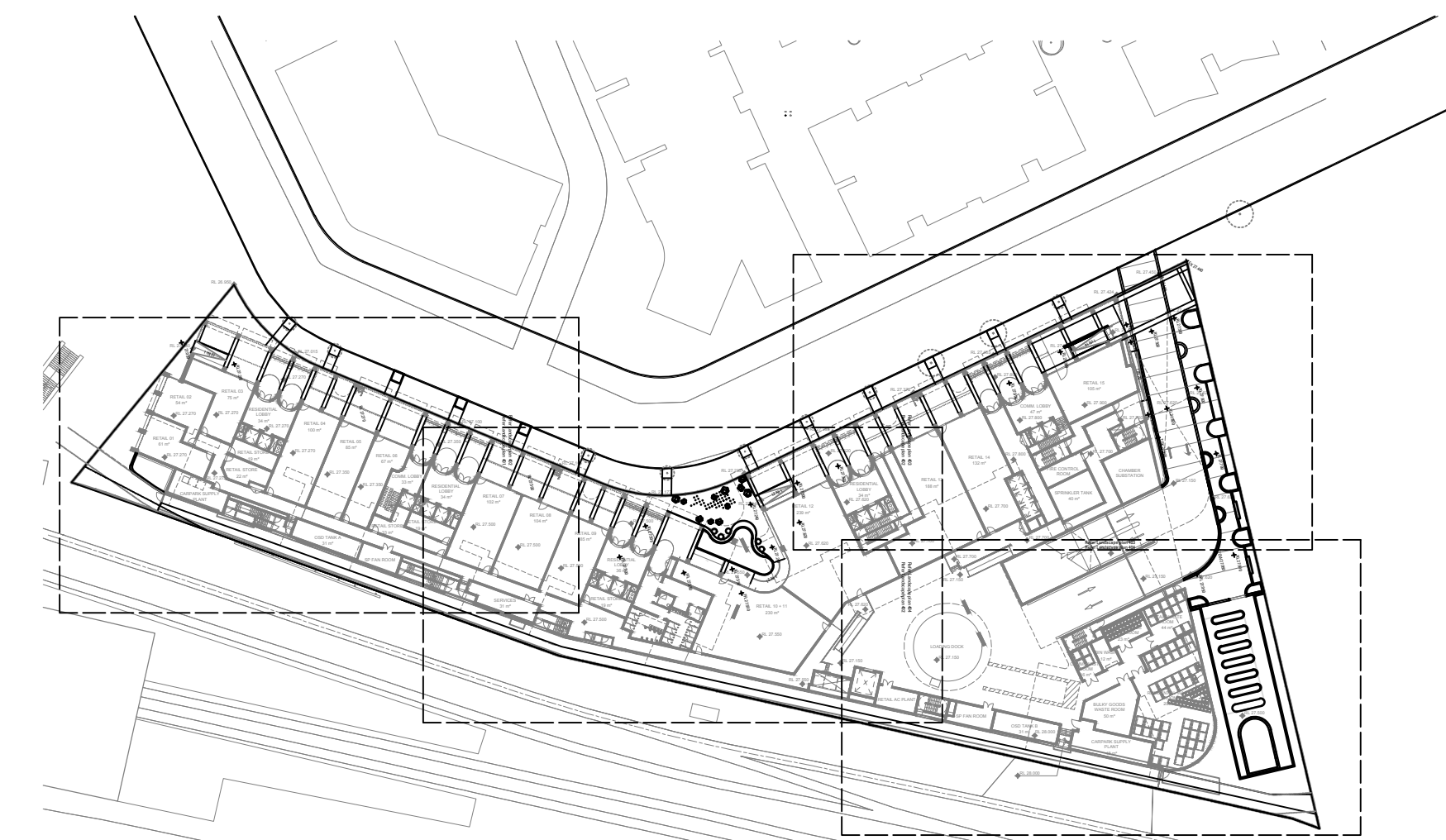
160-172 Lord Sheffield Circuit, Penrith, NSW

DRAWING SCHEDULE

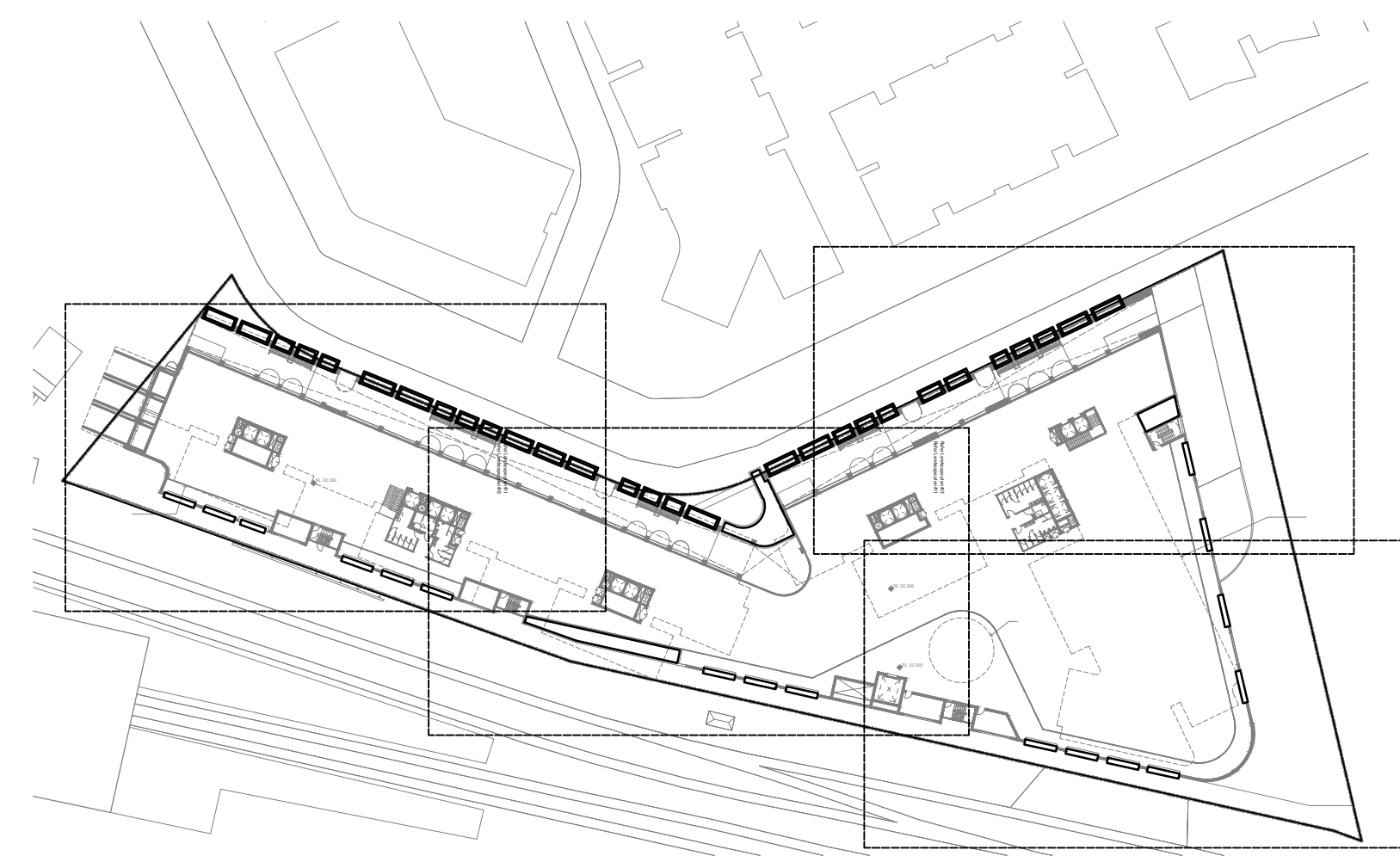
DRAWING NO.	DRAWING TITLE
000	COVER SHEET
001	LANDSCAPE LEGEND
100	LANDSCAPE MASTER PLAN GROUND
101	LANDSCAPE MASTER PLAN LEVEL 01
102	LANDSCAPE MASTER PLAN LEVEL 02
103	LANDSCAPE MASTERPLAN ROOFTOP
400	PLANTING SCHEDULE
401	GROUND SOFTWARES PLAN
402	GROUND SOFTWARES PLAN
403	GROUND SOFTWARES PLAN
404	GROUND SOFTWARES PLAN
405	LEVEL 01 SOFTWARES PLAN
406	LEVEL 01 SOFTWARES PLAN
407	LEVEL 01 SOFTWARES PLAN
408	LEVEL 01 SOFTWARES PLAN
409	LEVEL 02 SOFTWARES PLAN
410	LEVEL 02 SOFTWARES PLAN
411	LEVEL 02 SOFTWARES PLAN
412	ROOFTOP SOFTWARES PLAN
413	ROOFTOP SOFTWARES PLAN
414	ROOFTOP SOFTWARES PLAN
415	ROOFTOP SOFTWARES PLAN
601	TYPICAL LANDSCAPE DETAILS
602	TYPICAL LANDSCAPE DETAILS
700	LANDSCAPE SPECIFICATION

LOCATION PLAN

Ground Floor



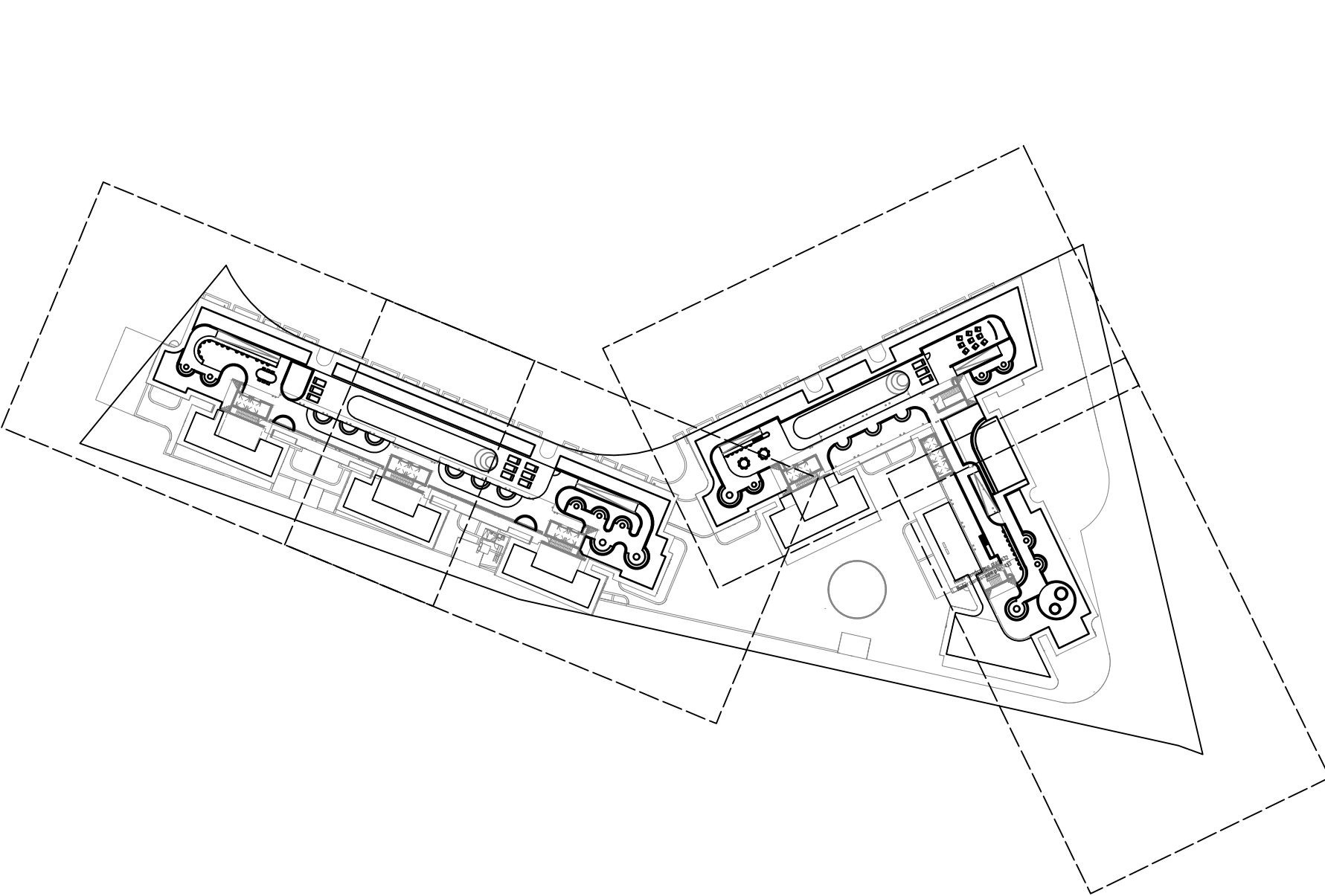
Level 01



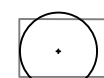
Level 02

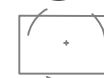


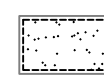
Level 05 (Rooftop)




LEGEND
GENERAL


 EXISTING TREES TO BE RETAINED
Refer Landscape Specification

 EXISTING TREES TO BE REMOVED
Refer Landscape Specification

 TURF
Refer Landscape Specification

GRADING

 REDUCED LEVEL

 FINISHED FLOOR LEVEL

LEGEND
GROUND FLOOR/LEVEL 1

Trees + Palms

 Al

 Ap


 As


 Ti


 Pa


 La


Shrubs


 An


 Ae


 Bc


 Cu


 Ca

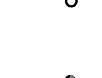
 Cz


 Dt


 Dv


 El


 Ew


 Et


 Lfo


 Pi


 Pr

 Px


 Rp

 Zc


 Zf

 Tt


Grass Matrixes (6/m2)


 NATIVE GRASS MATRIX 01 (Bush tucker walk)

-Lj
-Dr
-Dl

 NATIVE GRASS MATRIX 02 (Public domain)

-Dta
-Lm
-Lt

 MATRIX 01 (Level 01 North Facing)
-Tj
-Ro
-Cag
-Lm

 MATRIX 02 (Level 01 South Facing)
-Ti
-Hs

Groundcovers (6 /m2)

 Dc

 Cg (Carpobrotus glauceceus)

 Go


 Mp


 Hs (Hibertia scandens)

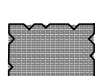
 Ss


 Mp (Myoporum parvifolium)

Singular Grasses (6 /m2)

 Dta

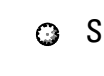
 Lm


 Lt


 Community Garden
-For community input

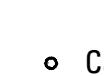
LEGEND
LEVEL 2


Shrubs

 Sac


 Cc


 En


 Wlr


 Ca


Singular Grasses (6 /m2)


 Aru

 Ayg

 Fg

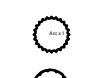
 Lf


 Pl


 Ps


LEGEND
ROOFTOPS


Trees

 Acc


 Aal


 Ti


 Hf


 La


Shrubs


 Aa


 Ac


 Ass


 Cs


 Ca


 Ew

 Pto


 Pt


 Px

 Wl

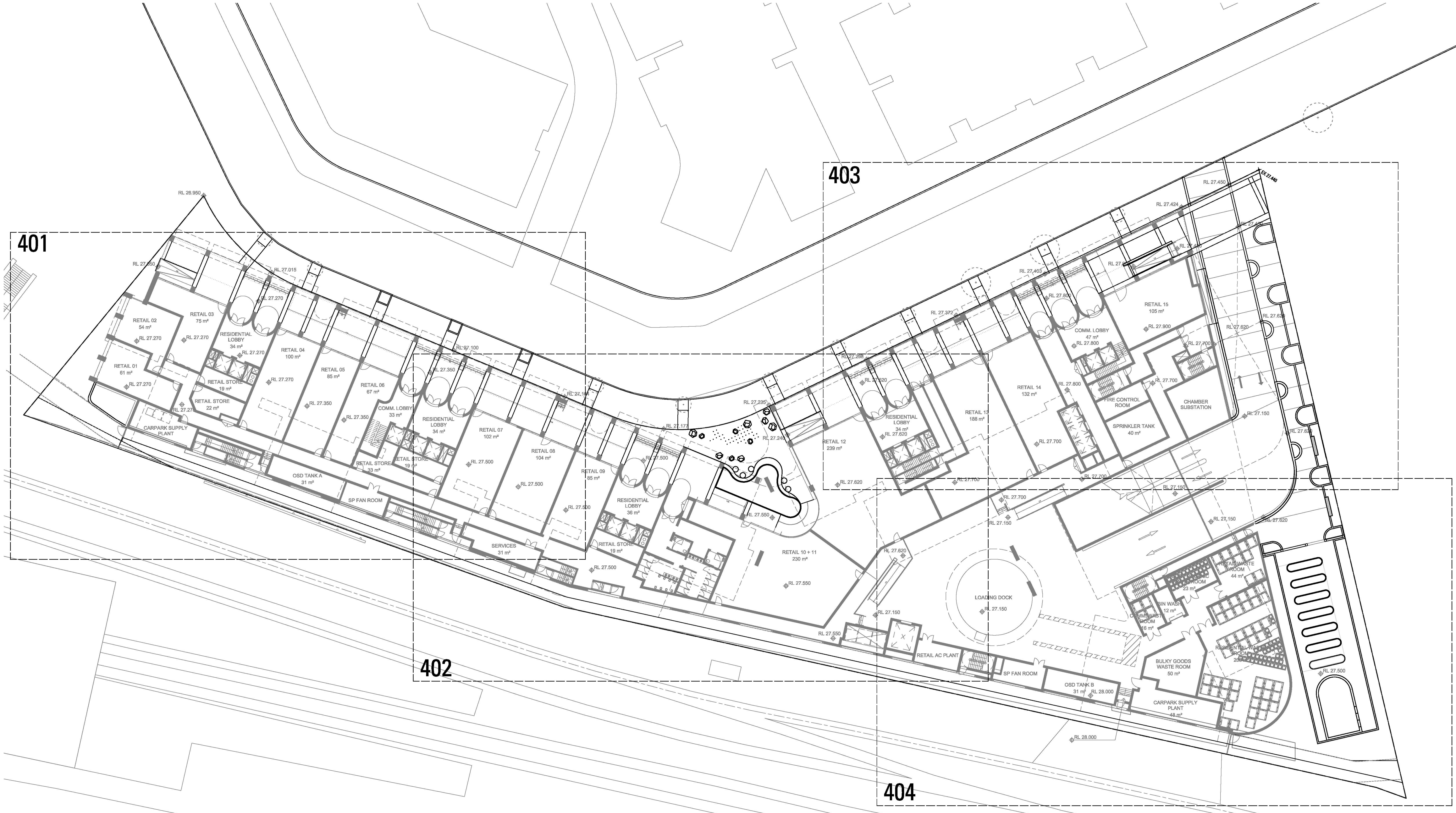
 Ai

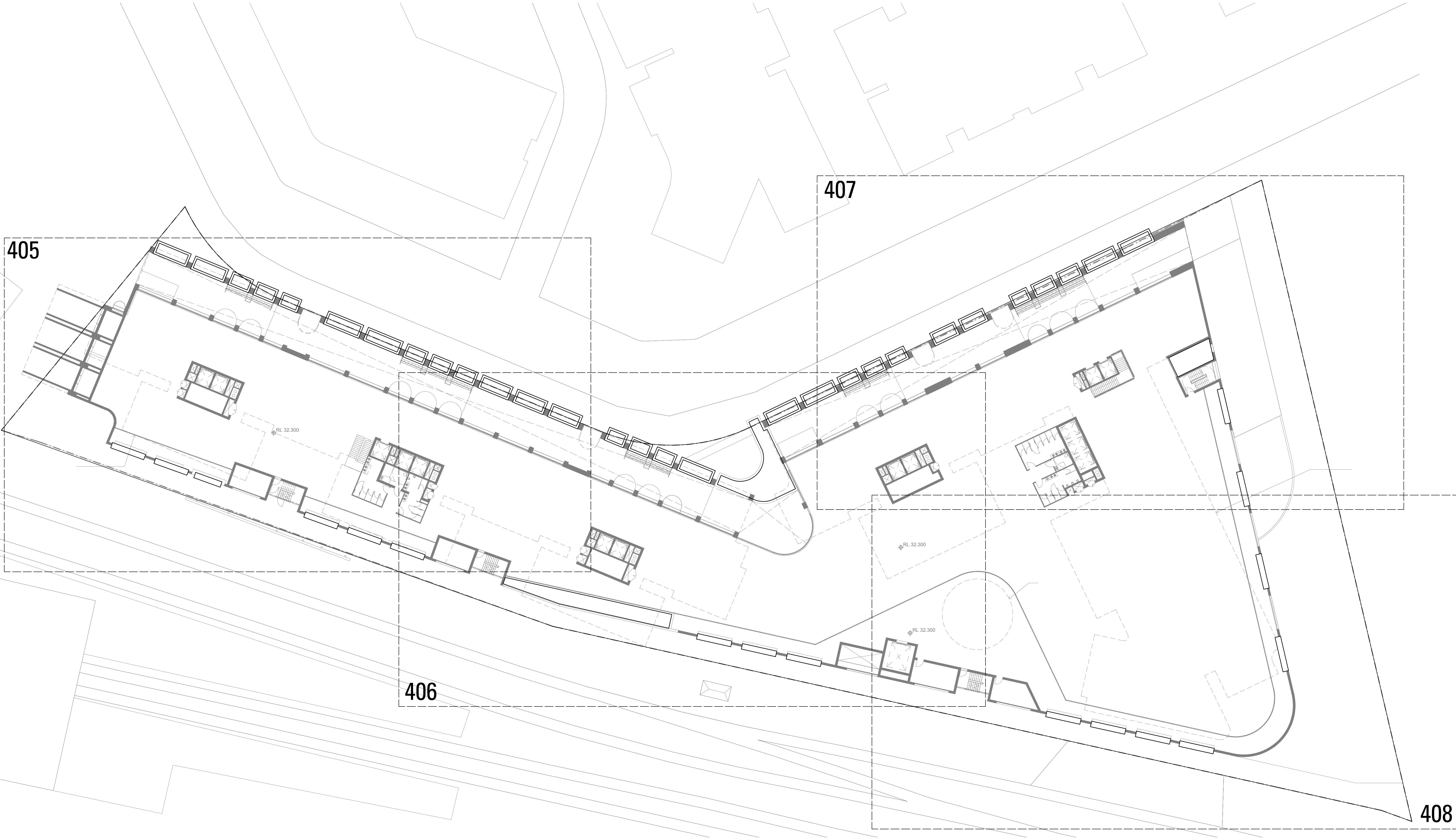
Matrixes (6/m2)

 MATRIX 03
-Dc (Dianella caerulea)
-Lt (Lomandra tanika)
-Mp (Myoporum parvifolium)
-Pp (Poa Kingsdale)

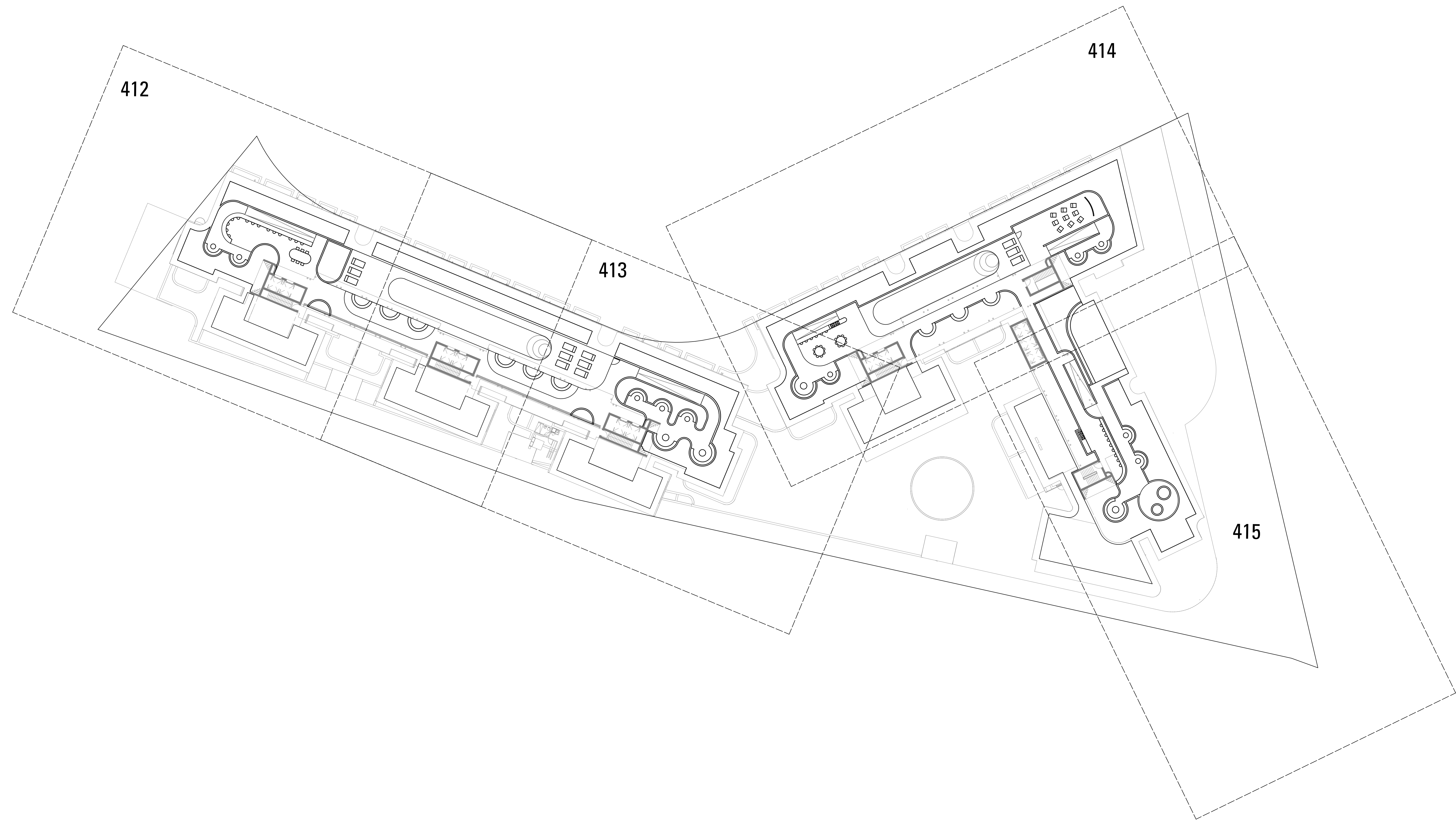
 MATRIX 04
-Mp (Myoporum parvifolium)
-Hs (Hibertia scandens)
-Tj (Trachelospermum jasminoides)











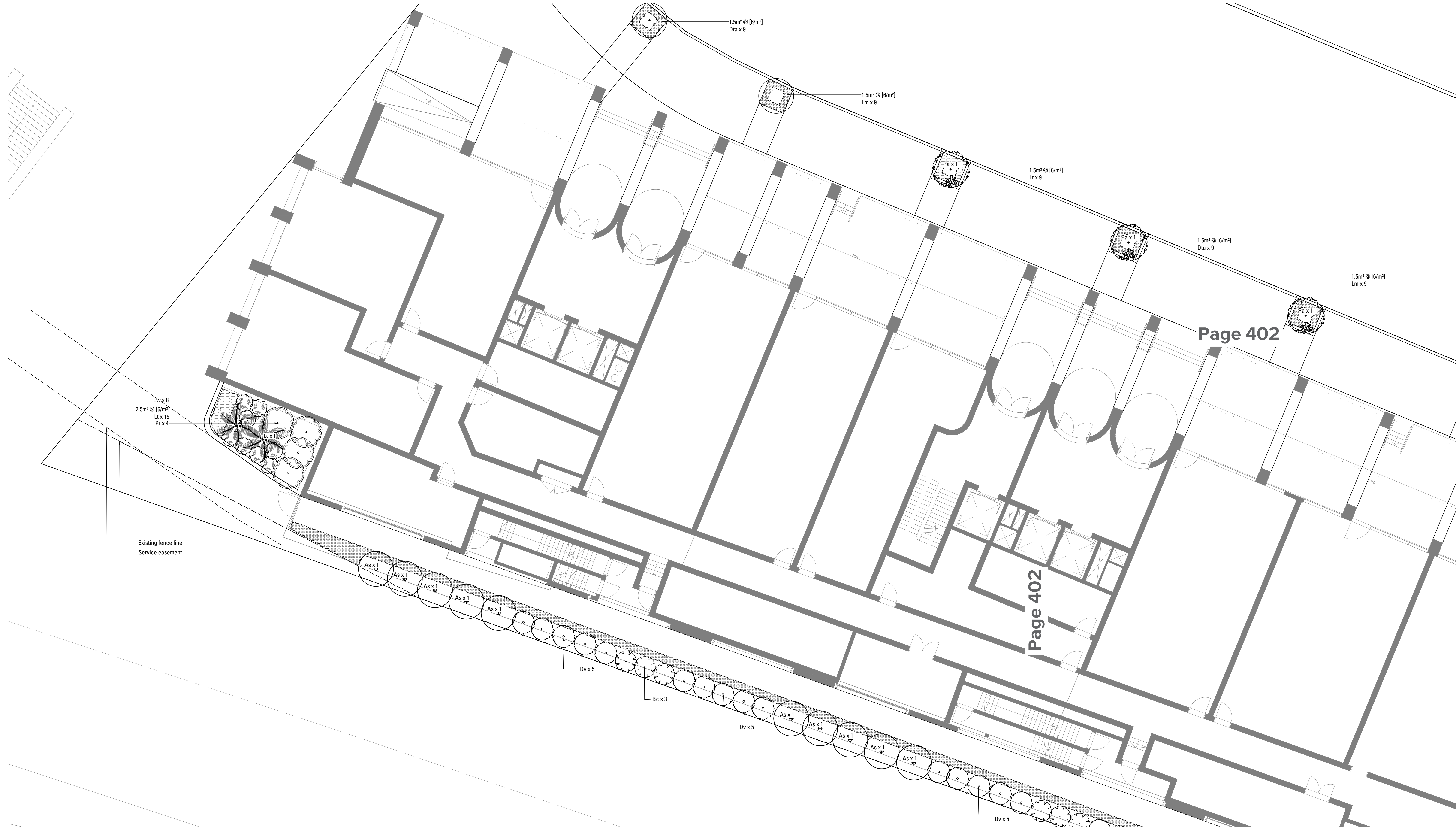
GROUND LEVEL						
CODE	BOTANIC NAME	COMMON NAME	NATIVE / INDIGENOUS	MATURE SIZE (M)	POT SIZE	QUANTITY
BUSH TUCKER WALK AND RAILWAY CORRIDOR						
TREES						
La	Livistona australis	Cabbage Tree Palm	Native	15 x 3	Ex-Ground	5
SHRUBS						
An	Atriplex nummularia	Old Man Saltbush	Native	1 x 1	300mm	42
As	Acmena smithii	Lilly Pilly	Native	4 x 2	300mm	38
Bc	Billardiera cymosa	Sweet Apple-Berry	Native	1 x 2	300mm	54
Cu	Chamelaucium uncinatum	Geraldton waxflower	Native	2 x 2	300mm	3
Dv	Dodonaea viscosa	Sticky Hop Bush	Native	3 x 2	300mm	122
Lfo	Lambertia formosa	Mountain Devil	Indigenous	2 x 2	300mm	2
Pr	Philodendron 'Rojo Congo'	Rojo Congo	Exotic	2 x 2	300mm	4
GRASSES						
DI	Dianella longifolia	Blueberry Lily	Native	0.5 x 0.5	150mm	247
Dr	Dianella revoluta	Blue Flax Lily	Native	0.3 x 0.3	150mm	247
LI	Lomandra longifolia	Spiny-Head Mat-Rush	Native	1 x 1	150mm	247
Lt	Lomandra longifolia Tanika®	'Tanika' Mat Rush	Native	1 x 1	150mm	115
GROUNDCOVERS						
Cg	Carpobrotus glaucescens	Pig Face	Indigenous	0.2 x 2.0	150mm	9
Go	Goodenia ovata 'Gold Cover'	Gold Cover Goodenia	Indigenous	0.2 x 1.0	150mm	155
Mp	Myoporum parvifolium 'Y'areena'	Creeping Boobialla	Native	0.1 x 1.0	150mm	80
COMMUNITY GARDEN						
SHRUBS						
Ca	Citrus australasica	Australian Finger Lime	Native	5 x 3	45L	10
Et	Enclylaena tomentosa	Ruby Saltbush	Native	1 x 1	150mm	41
PI	Prostanthera incisa	Cut-Leaf Mintbush	Indigenous	2 x 1	150mm	51
Rp	Rubus parvifolius	Native Raspberry	Native	0.5 x 1	150mm	22
Tt	Tetragonia tetragonioides	Warrigal Greens	Native	0.3 x 0.3	150mm	35
GROUNDCOVERS						
Cg	Carpobrotus glaucescens	Pig Face	Indigenous	0.2 x 2.0	150mm	84
PUBLIC DOMAIN AND COMMUNITY FORECOURT						
TREES						
La	Livistona australis	Cabbage Tree Palm	Native	15 x 3	Ex-Ground	1
Pa	Platanus x acerifolia	London Plane Tree	Exotic	20 x 10	400L	3
SHRUBS						
Ae	Aspidistra elatior	Cast Iron Plant	Exotic	1.5 x 1.5	300mm	4
Dt	Dracaena trifasciata	Mother-In-Laws Tongue	Exotic	1 x 0.5	300mm	24
Pr	Philodendron 'Rojo Congo'	Rojo Congo	Exotic	2 x 2	300mm	3
Px	Philodendron 'Xanadu'	Philodendron	Exotic	1 x 1	300mm	18
Zc	Zanzibar Croton	Croton	Native	1.5 x 1	300mm	19
Zf	Zamia furfuracea	Cardboard Plant	Exotic	1 x 1	300mm	7
GRASSES						
Dta	Dianella tasmanica 'Tasred'	Tasman Flax Lily	Native	0.5 x 0.5	150mm	66
Lm	Liriope muscari 'Evergreen Giant'	Lily Turf	Exotic	0.6 x 0.6	150mm	57
Lt	Lomandra longifolia Tanika®	'Tanika' Mat Rush	Native	1 x 1	150mm	57

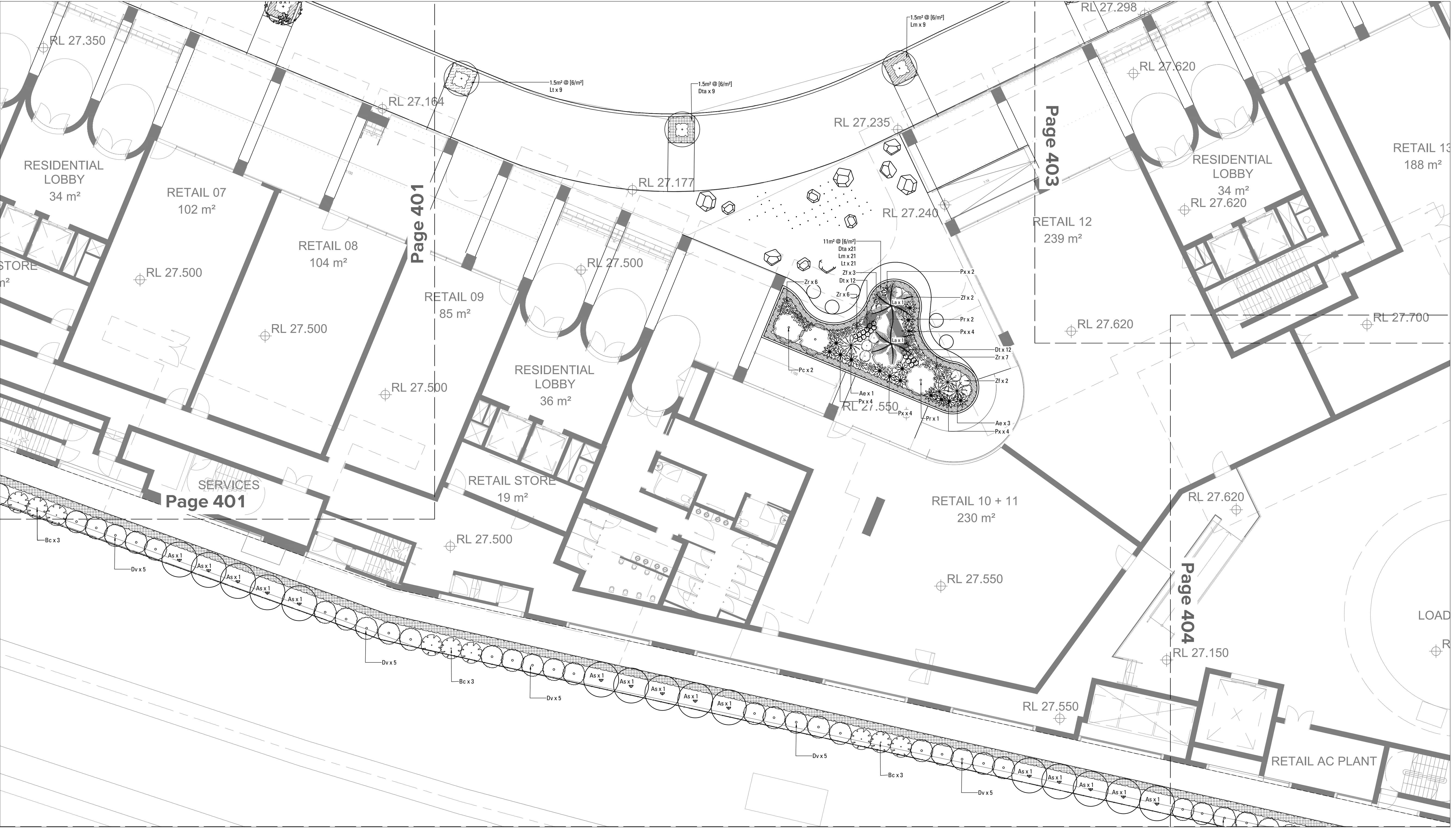
11

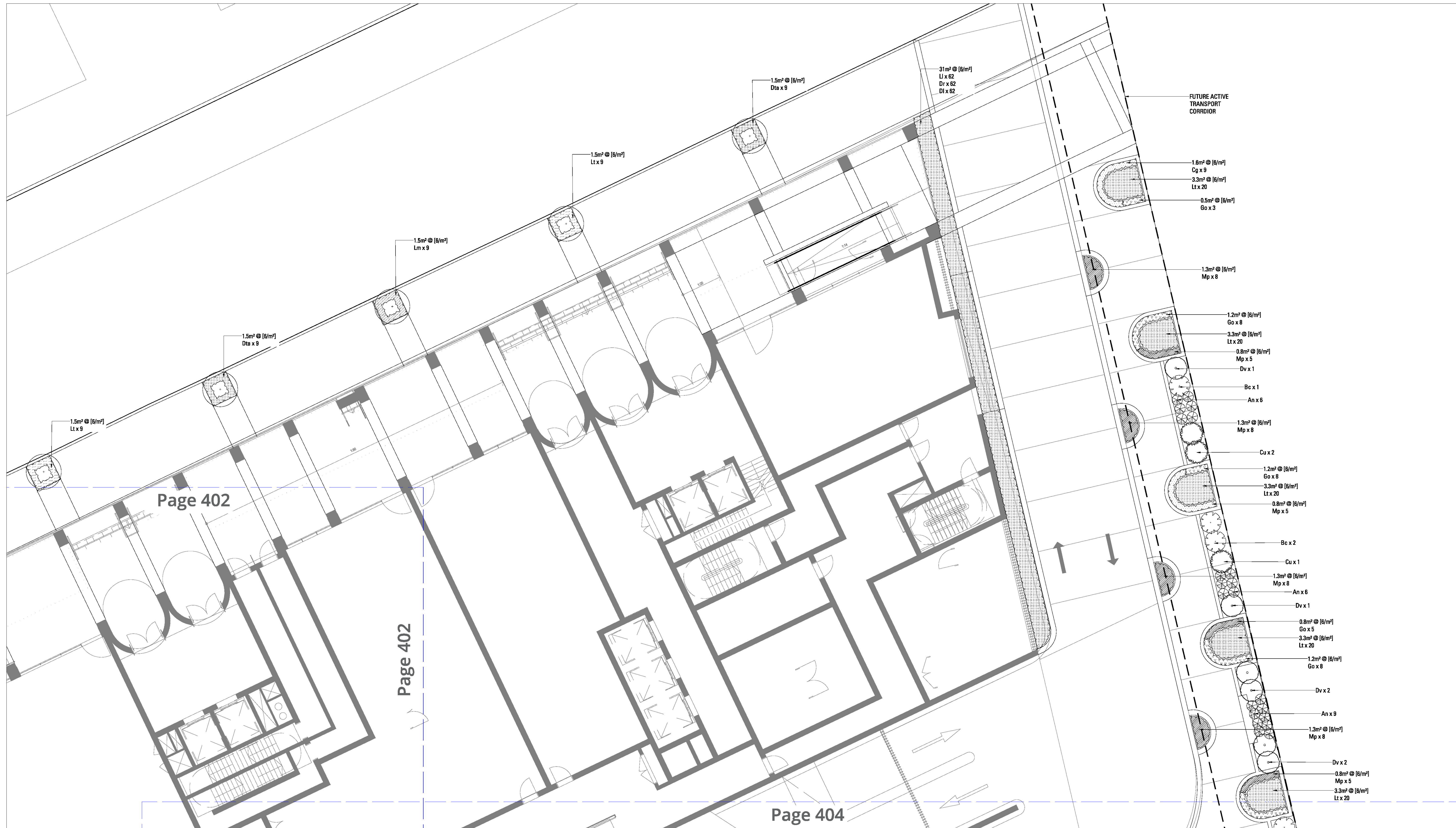
LEVEL 1						
CODE	BOTANIC NAME	COMMON NAME	NATIVE / INDIGENOUS	MATURE SIZE (M)	POT SIZE	QUANTITY
NORTHERN FACING PLANTERS						
SHRUBS						
EI	Euphorbia leucocephala	Snowflake	Exotic	1.2 x 1.2	300mm	176
Ew	Euphorbia characias 'Wulfenii'	Spurge	Exotic	1.2 x 1.2	300mm	122
MATRIX 1						
Cag	Casaurina glauca 'Cousin-It'	Prostrate She-Oak	Native	0.2 x 1.0	150mm	170
lm	Liriope muscari 'Evergreen Giant'	Lily Turf	Exotic	0.6 x 0.6	150mm	170
Ro	Rosmarinus officinalis 'Prostratus'	Creeping Rosemary	Exotic	0.5 x 2.0	150mm	170
TJ	Trachelospermum jasminoides	Star Jasmine	Exotic	0.4 x 2.0	150mm	170
SOUTHERN FACING PLANTERS						
SHRUBS						
Ae	Aspidistra elatior	Cast-Iron Plant	Native	1.2 x 1.5	300mm	70
Cz	Calathea zebrina	Zebra Plant	Exotic	1 x 1	300mm	103
Px	Philodendron 'Xanadu'	Philodendron	Exotic	1 x 1	300mm	37
MATRIX 2						
Hs	Hibbertia scandens	Snake Vine	Native	1 x spread	150mm	60
TJ	Trachelospermum jasminoides	Star Jasmine	Exotic	0.4 x spread	150mm	60

LEVEL 2 GREEN ROOF						
CODE	BOTANIC NAME	COMMON NAME	NATIVE / INDIGENOUS	MATURE SIZE (M)	POT SIZE	QUANTITY
SHRUBS						
Ca	Corea alba	Corea	Native	1 x 1	300mm	118
Cc	Callistemon Cherry Bomb	Cherry Bomb	Native	1.5 x 1.5	300mm	106
En	Eremophila nivea	Emu Bush	Native	1.5 x 1.5	300mm	106
Sac	Syzygium Aussie Compact	Lilly Pilly	Native	5 x 3	300mm	78
Wlr	Westringia Low Horizon	Coastal Rosemary	Native	0.3 x 0.7	300mm	96
GRASSES						
Aru	Anigosanthos 'Amber Velvet'	Kangaroo Grass	Native	1.0 x 1.0	300mm	366
Ayg	Anigosanthos Mega Gold™	Kangaroo Grass	Native	1.0 x 1.0	300mm	294
Fg	Festuca glauca	Blue Fescue	Native	0.3 x 0.3	150mm	780
Lf	Lomandra filiformis	Wattle Mat Rush	Native	0.5 x 0.2	150mm	151
PI	Poa labillardierei	Tussock Grass	Native	1.2 x 1.2	150mm	512
Ps	Pennisetum alopecuroides Cream Lea®	Cream Lea® Pennisetum	Native	1.0 x 1.0	150mm	802

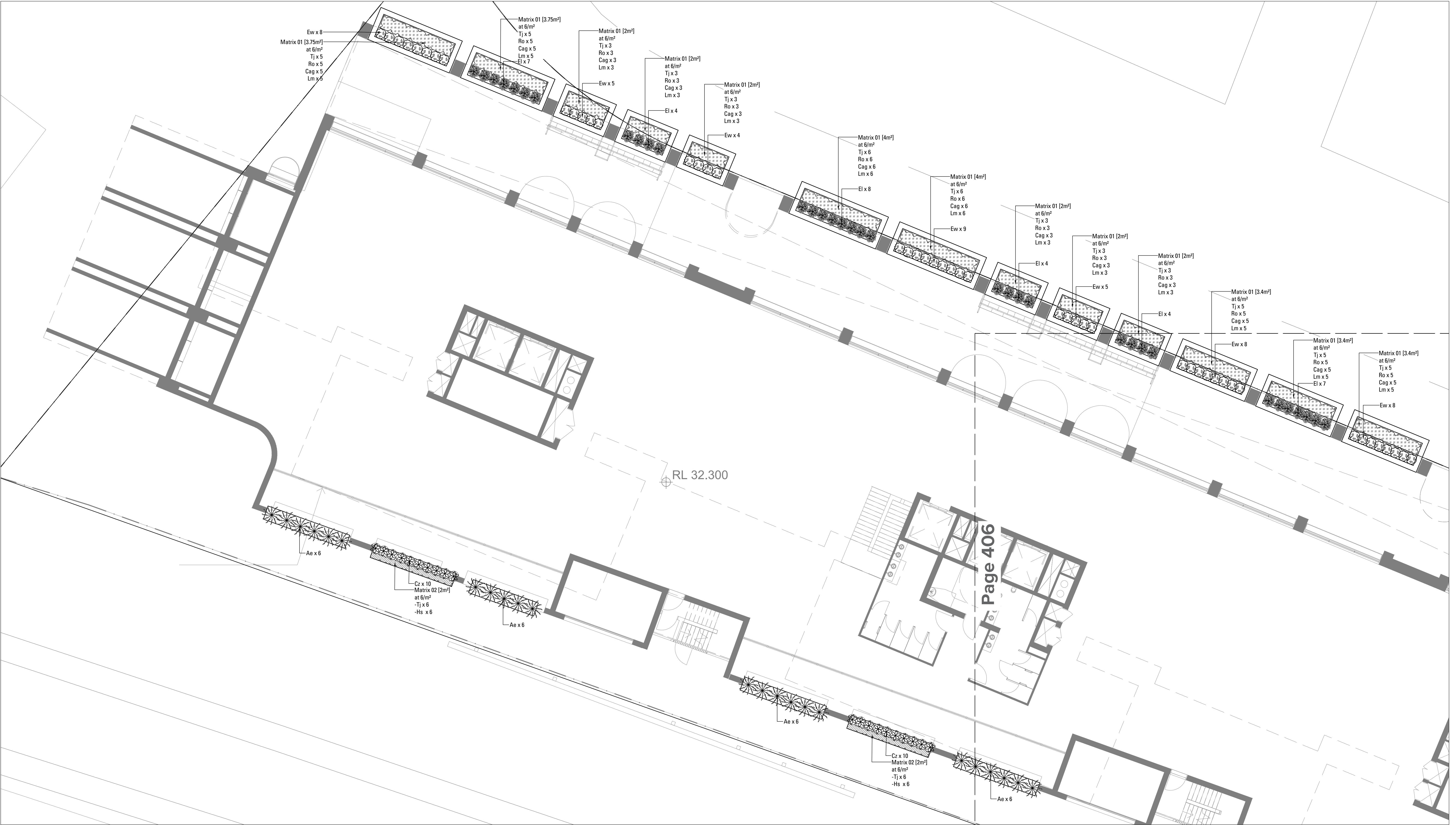
LEVEL 5 ROOFTOP						
CODE	BOTANIC NAME	COMMON NAME	NATIVE / INDIGENOUS	MATURE SIZE (M)	POT SIZE	QUANTITY
TREES						
Acc	Acacia cognata 'Copper Tips'	River Wattle	Native	5 x 3	200L	
Aal	Anchonthophoenix alexandrae	Alexander Palm	Native	15 x 3	Ex-Ground	
Bc	Backhousia citriflora	Lemon Scented Myrtle	Native	7 x 4	200L	
Hf	Howea forsteriana	Kentia Palm	Native	10 x 6	400L	
La	Livistona australis	Cabbage Tree Palm	Native	15 x 3	Ex-Ground	
TI	Tristaniopsis laurina	Water Gum	Native	10 x 6	400L	
Tlu	Tristaniopsis laurina 'Luscious'	Luscious Water Gum	Native	10 x 5	400L	
SHRUBS						
Aa	Agave attenuata	Foxtail Agave	Exotic	1.5 x 1.0	300mm	
Ac	Acacia cognata 'Lumelight'	River Wattle	Native	1.0 x 1.0	300mm	
Al	Alcantarea imperialis	Imperial Bromeliad	Exotic	1.5 x 1.5	300mm	
Ass.	Adenanthos 'Silver Sensation'	Wooly Bush	Native	3.0 x 1.5	300mm	
Ca	Cassula arborescens	Blue Waves	Exotic	1.0 x 1.0	300mm	
Cs	Callistemon salignus	Willow Bottlebrush	Native	5.0 x 3.0	45L	
Ew	Euphorbia characias 'Wulfenii'	Mediterranean Spurge	Exotic	1.2 x 1.2	300mm	
Pt	Phormium tenax 'Dark Delight'	New Zealand Flax	Exotic	1.0 x 1.0	150mm	
Pto	Pittosporum tobira 'Miss Muffet'	Miss Muffet	Exotic	1.0 x 1.0	150mm	
Px	Philodendron 'Xanadu'	Philodendron	Exotic	1.0 x 1.0	150mm	
WI	Westringia longifolia	Snow Flurry	Native	2.0 x 2.0	150mm	
GRASSES						
Fg	Festuca glauca	Blue Fescue	Exotic	0.3 x 0.3	150mm	
Ko	Kalanchoe orgyalis	Copper Spoons	Exotic	1.8 x 1.5	150mm	
LI	Lomandra longifolia	Spiny Mat Rush	Native	1.2 x 1.2	150mm	
Lm	Liriope muscari 'Evergreen Giant'	Lily Turf	Exotic	0.6 x 0.6	150mm	
Lt	Lomandra longifolia 'Tanika'	Spiny-Head Mat Rush	Native	1.0 x 1.0	150mm	
PI	Poa labillardierei	Tussock Grass	Native	1.2 x 1.2	150mm	
Ps	Pennisetum setaceum	Purple Fountain	Exotic	1.5 x 1.2	150mm	
Zt	Zoysia tenuifolia	No Mow Grass	Exotic	0.2 x 0.3	150mm	
GROUNDCOVERS						
Cg	Carpobrotus glaucescens	Pig Face	Indigenous	0.2 x 2.0	150mm	
Go	Goodenia ovata 'Gold Cover'	Gold Cover Goodenia	Indigenous	0.2 x 1.0	150mm	
Mp	Myoporum parvifolium 'Yareena'	Creeping Boobialla	Native	0.1 x 1.0	150mm	
Sm	Senecio mandraliscae	Blue Chalk Sticks	Exotic	0.3 x 1.0	150mm	
TJ	Trachelospermum jasminoides	Star Jasmine	Native	0.5 x 2.0	150mm	

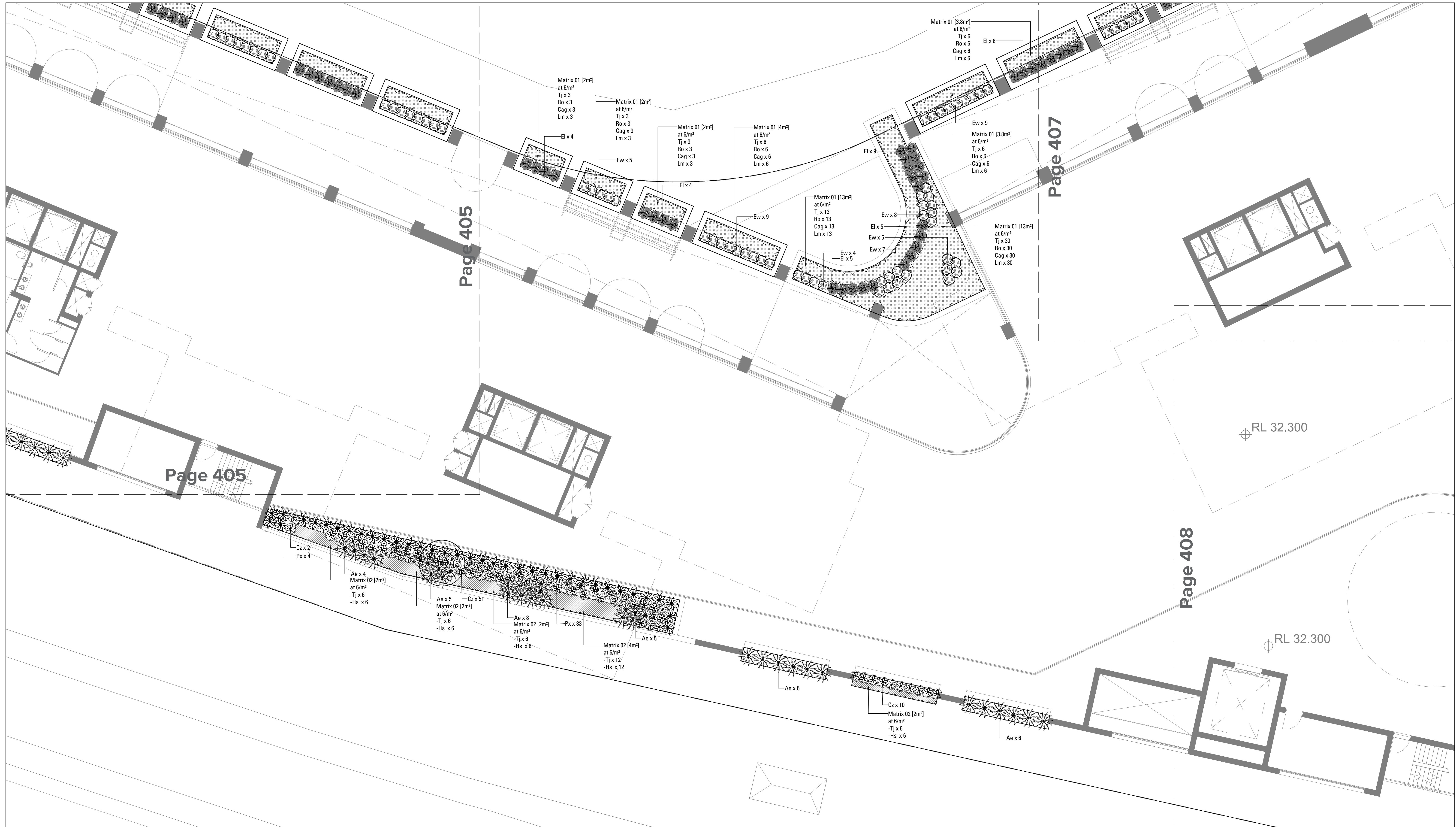


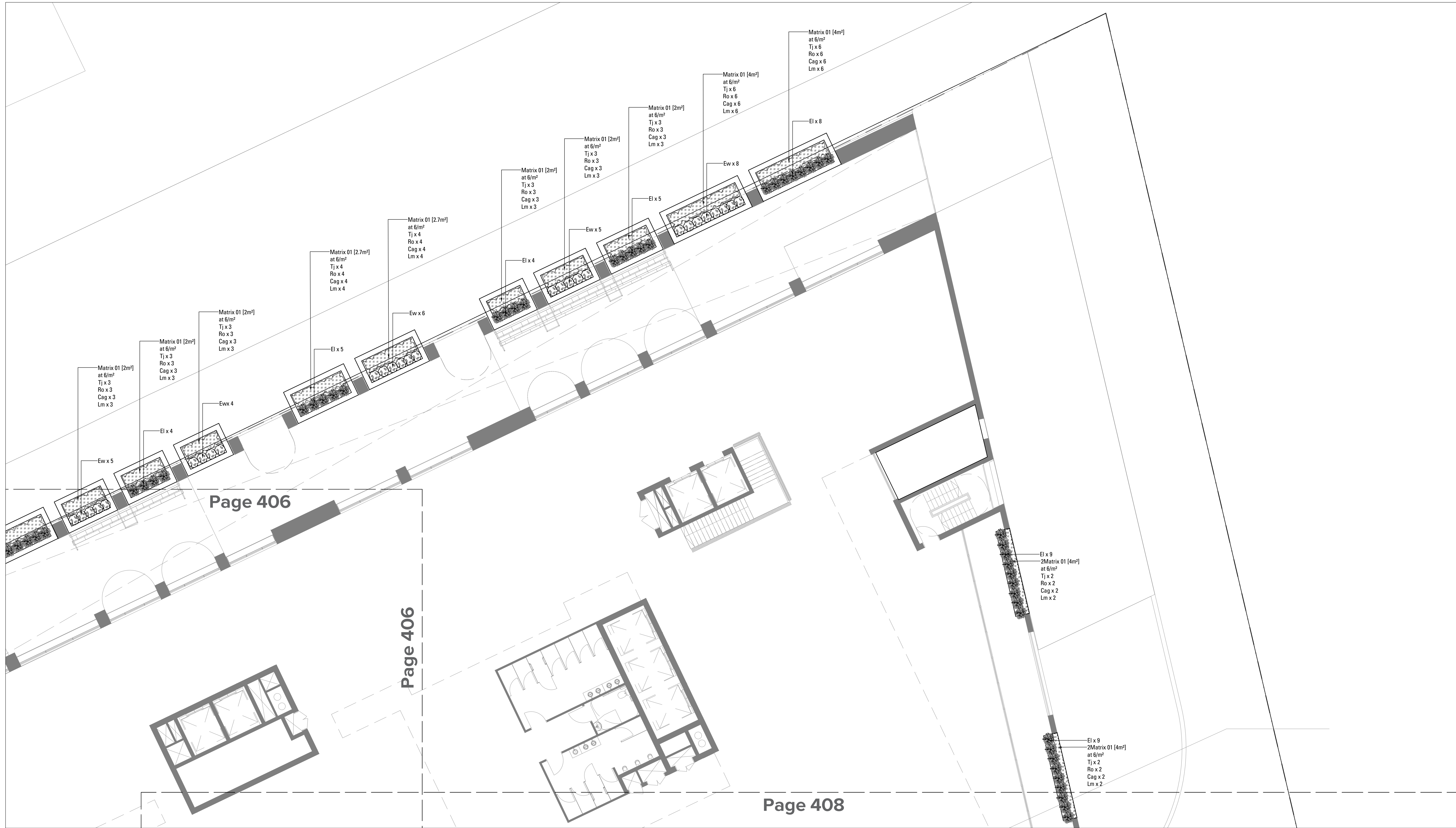


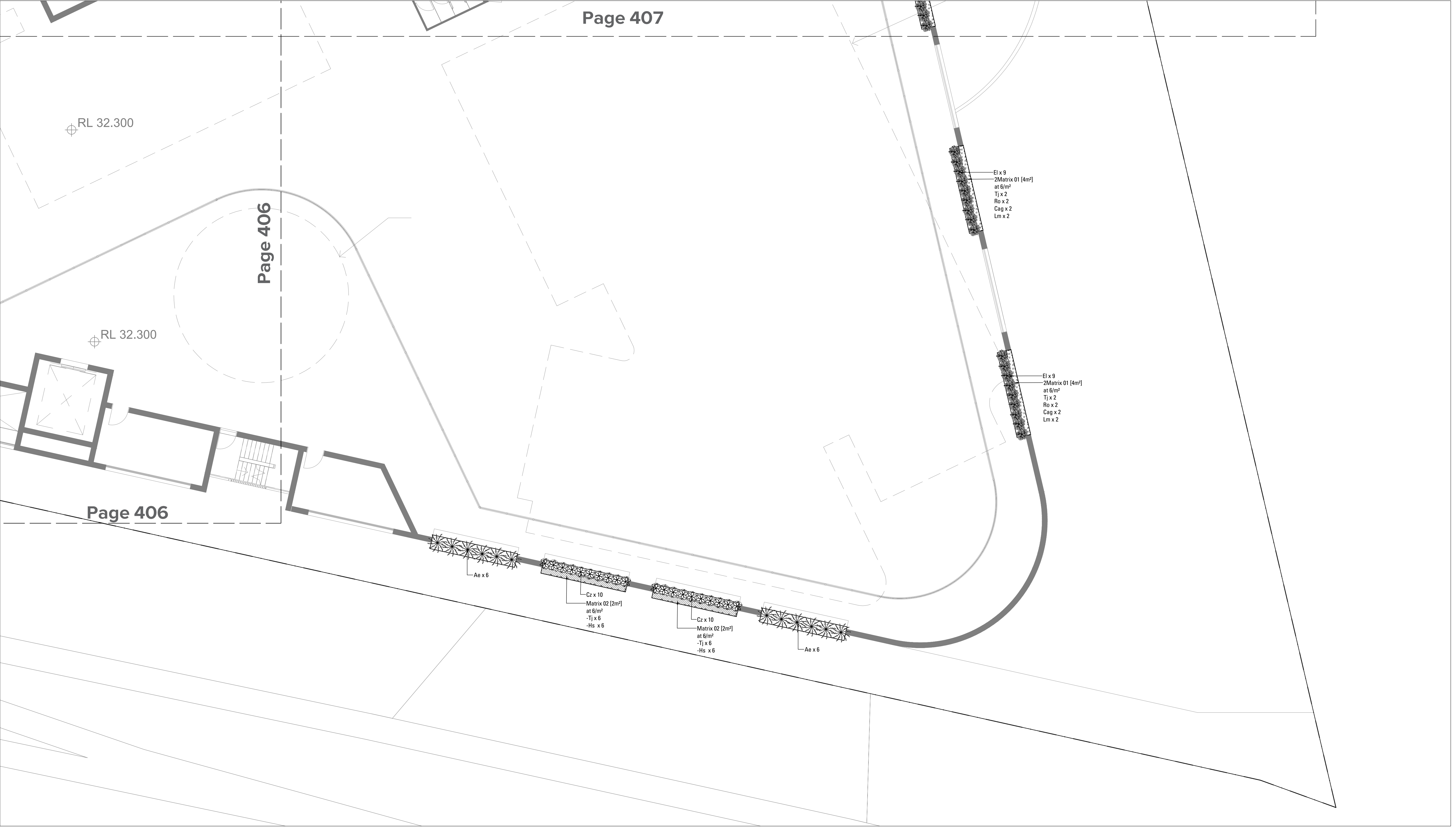




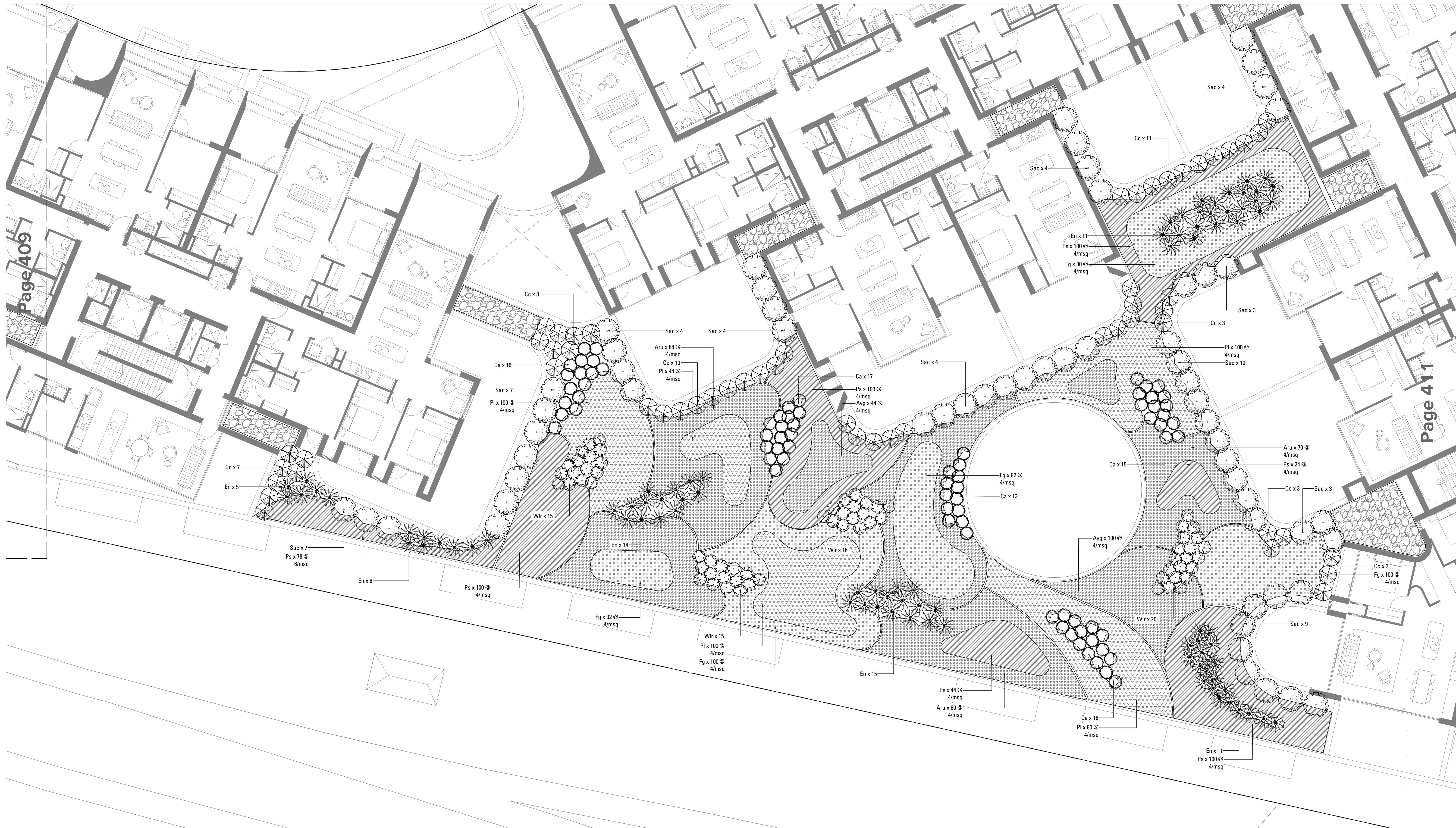




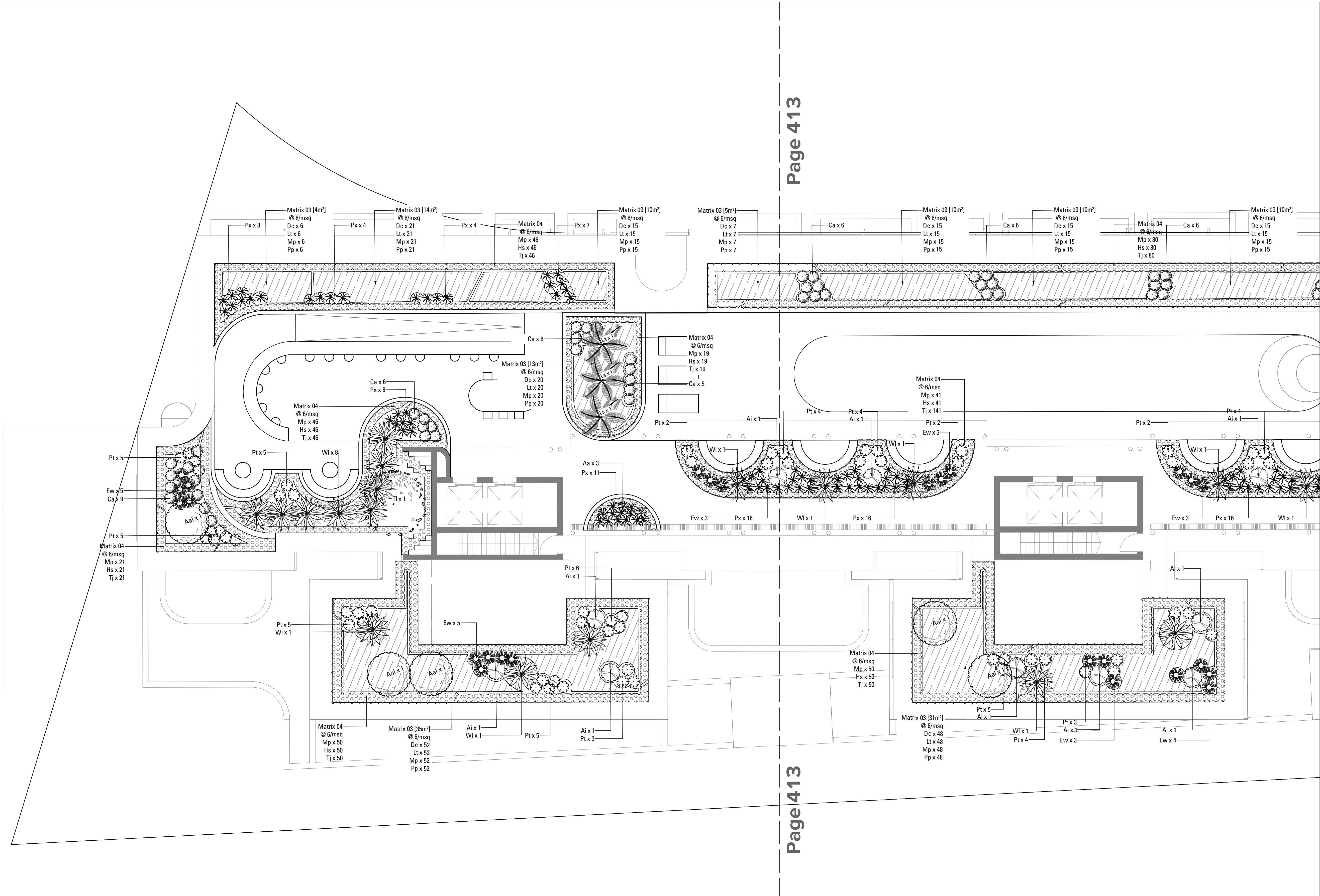






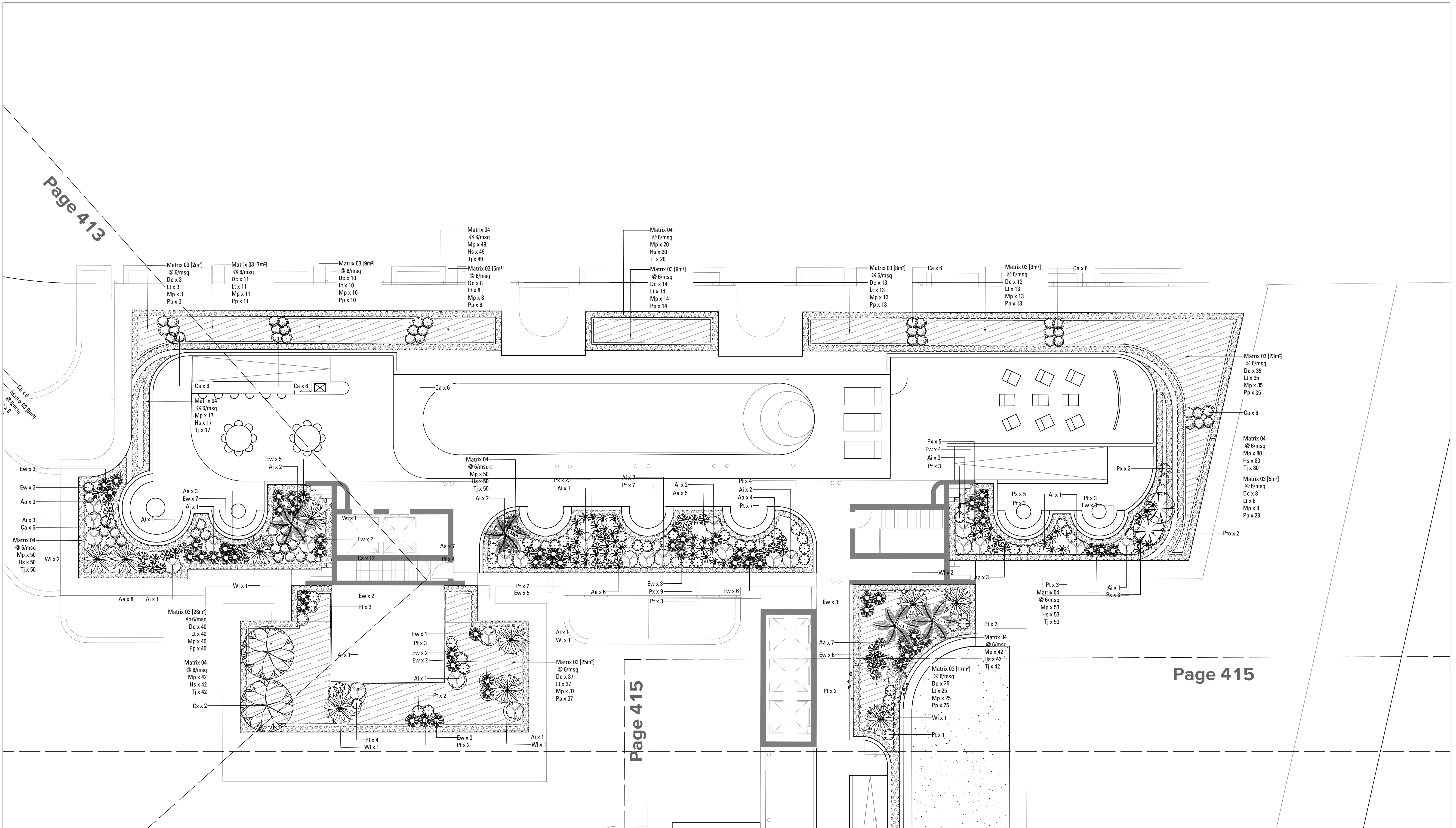








Page 413

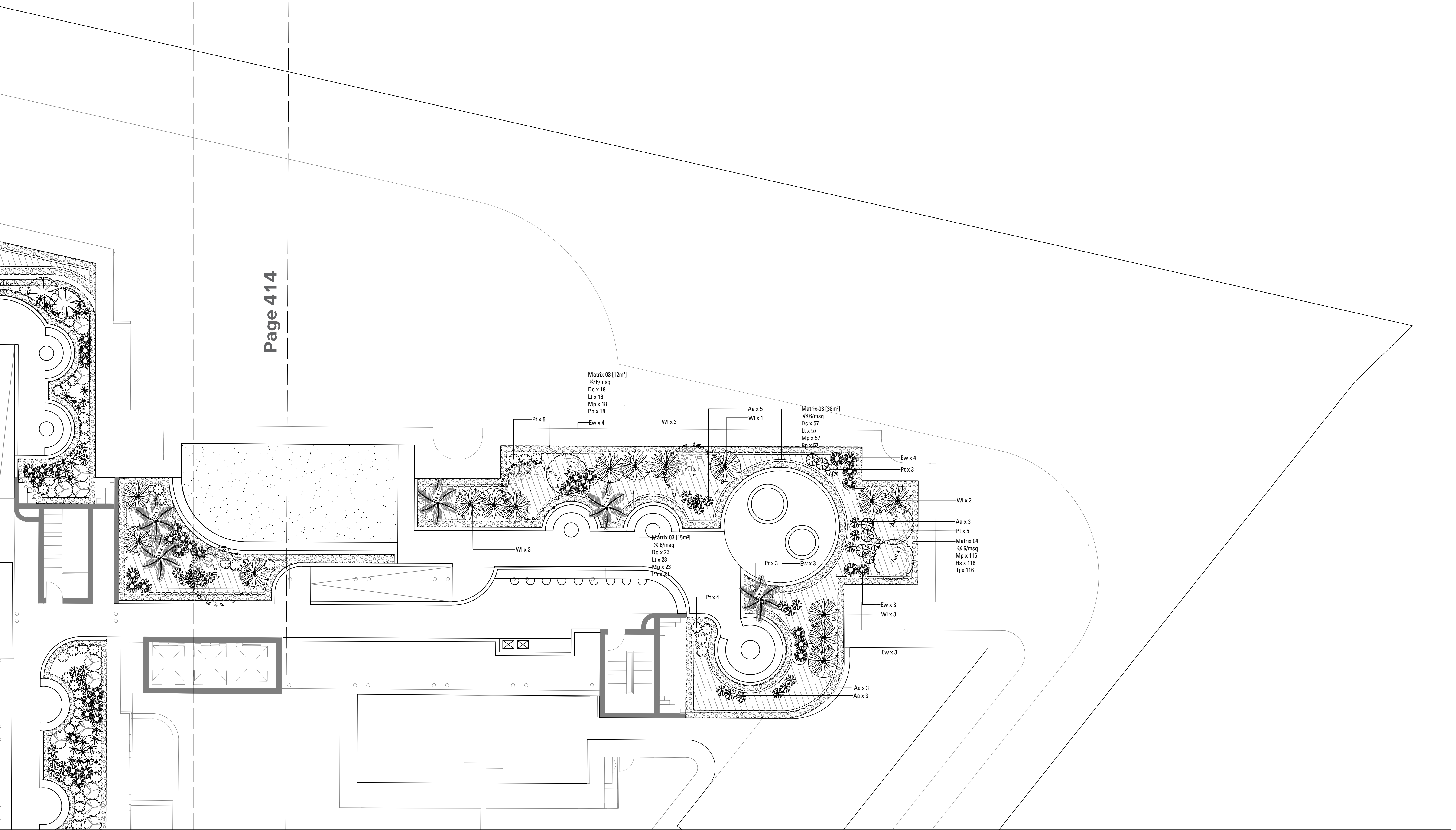


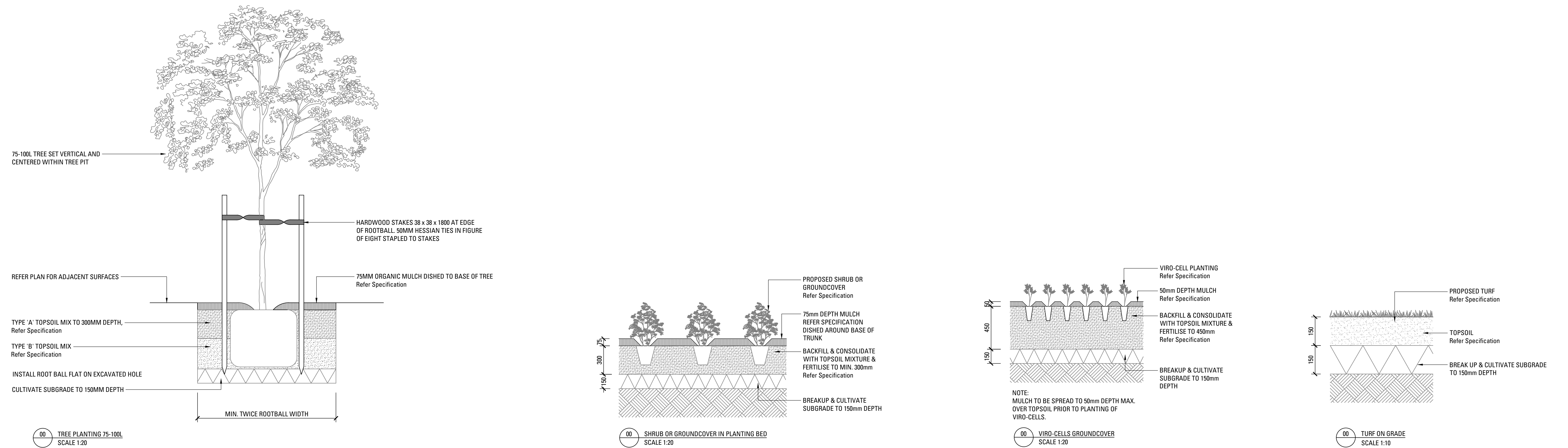
Page 415

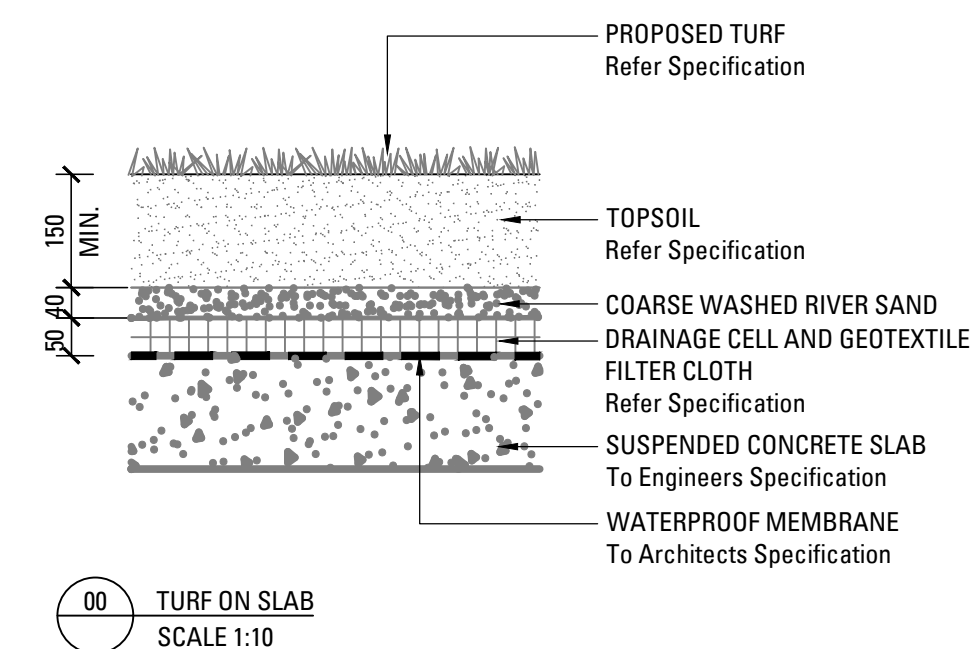
Page 415



Page 414







LANDSCAPE SPECIFICATION NOTES

SERVICES
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 REVIEW OF THE TREES.

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%
COMPOST 30%
D/W SAND 20%
SOIL TESTING OF EXISTING SITE SOIL IS TO BE UNDERTAKEN TO ASSESS SUITABILITY OF USE AS PLANTING TOPSOIL AND COMPLIANCE WITH AUSTRALIAN STANDARDS.

MULCH APPLICATION
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.

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

COMPOST
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.

PLANT MATERIAL
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 OR 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 MASS PLANTING AREAS:
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.

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 STAKED.
A. 5-15 LITRE SIZE PLANT 1X(1200X25X25MM)
B. 35-75 LITRE SIZE PLANT 2X(1500X38X38MM)
C. 100-GREATER THAN 200LITRE 3X(1800X50X50MM)
TIES SHALL BE 50MM WIDE HESSIAN WEBBING OR APPROVED EQUIVALENT NAILED OR STAPLED TO STAKE. DRIVE STAKES A MINIMUM ONE THIRD OF THEIR LENGTH, AVOIDING DAMAGE TO THE ROOT SYSTEM, ON THE WINDWARD SIDE OF THE PLANT.

IRRIGATION SYSTEM
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 SUPPLY.

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 SUPERINTENDENT PRIOR TO INSTALLATION

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 ADVISE ON THE OPERATION OF THE SYSTEM.

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.

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

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 TO THESE BEING SATISFACTORY.

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.

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:-

GENERAL
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.

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

RUBBISH REMOVAL
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.

REPLACEMENTS
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.

STAKES AND TIES
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.

PRUNING
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.

MULCHED SURFACES
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.

WEED ERADICATION
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.

SOIL SUBSIDENCE
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.

Materials Palette

Public Domain and Ground Floor Paving

The proposed public domain seeks to reference the high quality public domain palette of the evolving area. Currently, the streets north of Penrith Station have not been identified in PCC's public domain manual. Our proposal acknowledges the recent public domain upgrades along Lord Sheffield Circuit and seeks to complement this palette. This includes a full width asphalt footpath with granite unit paving edges. New street trees and understorey planting is spaced 11.0m apart in paved bandings of granite and interlocking pavers. The public domain will facilitate clear pedestrian and cycle connections (clear 2.5m access). Embellishments include bicycle racks, located towards the western edge of the development to complement the public furniture offerings at the Station Plaza.

Ground Floor Retail and Driveway



Existing Public Domain along Lord Sheffield Circuit



Unit Paving Type 1 - Light warm grey stone (Exfoliated)
Application: Main body, ground plane
Size: 300mm width, length varies



Unit Paving Type 2 - Dark warm grey stone (Exfoliated)
Application: Secondary, ground plane
Size: 300mm width, length varies



Unit Paving Type 3 - Cobble Sett (split faced)
Application: Banding and special thresholds
Size: 90mm x 90mm