

LANDSCAPE DOCUMENTATION

1-2 MURRAY ROSE AVENUE



LEGEND

General

— Extent of works

Softscape

Existing tree To be retained

Existing tree To be removed

Existing tree To be relocated

Tree

Planting area

Relative surface level

Top of wall

Top of kerb

Surface level

Top of seat

Indicates direction of inclining gradient on ramp

Indicates direction of declining gradient

Pavement

Pavement type 1 Unit Pavers

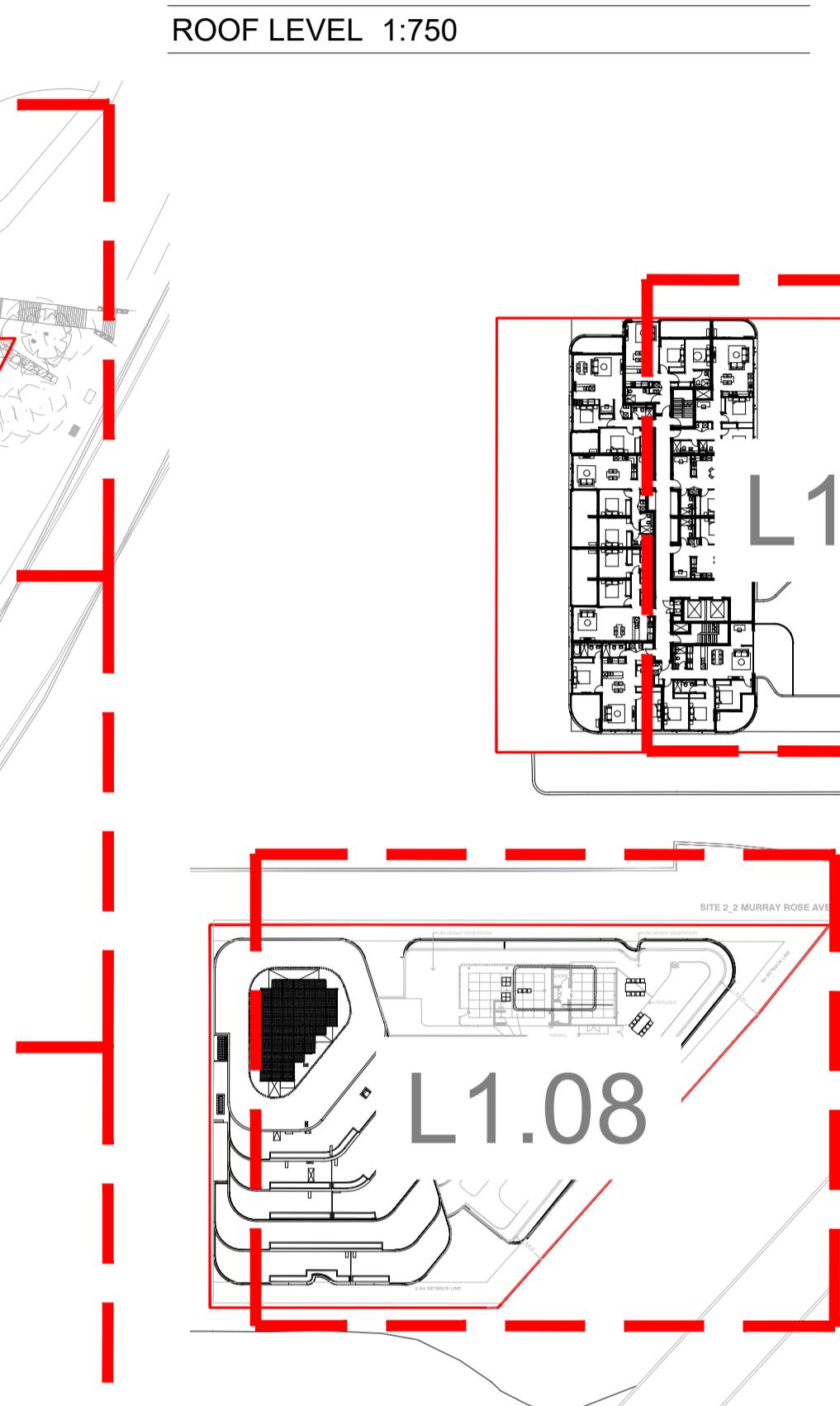
Pavement type 3

Pavement type 4 Steppers

Tactile ground surface indicator type 1

Edges

Edge Type 1 - aluminium edge



GENERAL NOTES

DRAWING SCHEDULE

DWG No.	Drawing Title
L0.00	Coversheet and Drawing Schedule
L0.01	Deep Soil Plan
L1.01	External Works - ground
L1.02	External Works - ground
L1.03	External Works - ground
L1.04	External Works - ground
L1.05	External Works - ground
L1.06	External Works - ground
L1.07	External Works - roof
L1.08	External Works - roof
L3.01	sections
L3.02	sections
L3.03	sections
L3.04	sections
L4.01	Details
L4.02	Details

PLANT SCHEDULE

CODE	SPECIES	COMMON NAME	POTSIZE	MATURE HT	XSPRD	SPACING	STAKE	QTY
TREES								
CUP ANA	CUPANIOPSIS ANACARDIOIDES	TUCKEROO	400 ltr	10X7M		Y		21
COR MAC	CORYMBIA MACULATA	SPOTTED GUM	400 ltr	45X20M		Y		7
EUC TER	EUCLYPTUS TERETICORNIS	GREY GUM	400 ltr	50X20M		Y		8
WAT FLO	WATERHOUSSA FLORIBUNDA	WEEPING LILLY PILLY	400 ltr	30X10M		Y		17
LOP CON	LOPHOSTEMON CONFERTUS	BRUSHBOX	401 ltr	15X10M		Y		7
JAC MIM	JACARANDA MIMOSIFOLIA	JACARANDA	402 ltr	10X8M		Y		3
TRI LAU	TRISTANIOPSIS LAURINA	KANOOKA	400 ltr	15X7M		Y		22
PALMS & CYCADES								
CYA COO	CYATHAEA AUSTRALIS	TREE FERN	200 ltr	15X7M		Y		30
CYC REV	CYCAS REVOLUTA	SAGO PALM	45 ltr	700x300mm				
LIV AUS	LIVISTONIA AUSTRALIS	CABBAGE PALM	600 ltr	25X7		Y		6
RHA EXC	RHAPIS EXCELSA	LADY PALM	45 ltr	800x400mm				
SHRUBS								
ALO MAC	ALOCASIA MACRORRHIZA	ELEPHANT EAR	300 mm	500x400mm		2 per Sq m		
ASP NID	ASPLENIUM NIDUS	BIRD'S NEST FERN	300 mm	450x350mm		2 per Sq m		
BLE SIL	BLECHNUM SILVER LADY	SILVER LADY	300 mm	500x500mm		2 per Sq m		
DOR EXC	DORYANTHES EXCELSA	GYMEA LILY	45 ltr	1000x700mm		1 per Sq m		
FUR FOE	FURCRAEA FOETIDA	MAURITIUS HEMP	45 ltr	500x400mm		1 per Sq m		
MON DEL	MONSTERA DELICIOSA	SWISS CHEESE PLANT	300 mm	500x400mm		2 per Sq m		
PHI XAN	PHILODENDRON XANADU	XANADU	300 mm	500x400mm		2 per Sq m		
PHI CON	PHILODENDRON CONGO	CONGO	300 mm	350x350mm		2 per Sq m		
STR REG	STRELITZIA NICOLAI	GIANT BIRD OF PARADISE	45 ltr	2000x400mm		1 per Sq m		
GROUNDCOVERS								
ALC IMP	ALCANTAREA IMPERIALIS "RUBRA"	IMPERIAL BROMELIAD	140mm	250x250mm		4 per Sq m		
ACA COG	ACACIA COGNATA "COUSIN IT"	COUSIN IT'	140mm	250x250mm		4 per Sq m		
ANI RED	ANIGOZANTHOS 'BRIGHT RED'	KANGAROO PAWS	140mm	250x150mm		4 per Sq m		
DIC REP	DICHOONERA REPENS	KINDENEY WEED	140mm	250x150mm		4 per Sq m		
DIC SF	DICHOONERA REPENS SILVER FALLS	SILVER FALLS	140mm	250x150mm		4 per Sq m		
DIA CAE	DIANELLA CAERULEA	FLAX LILY	140mm	250x250mm		4 per Sq m		
DIE GRA	DIETES GRANDIFLORA	WILD IRIS	140mm	250x250mm		4 per Sq m		
CAR GLA	CARPOBROTUS GLAUCESCENS	PIG FACE	140mm	250x250mm		4 per Sq m		
CRA OVA	CRASSULA OVATA	JADE PLANT	200mm	500x400mm		4 per Sq m		
LIR EG	LIRIOPE 'EVERGREEN GIANT'	LILY TURF	140mm	350x250mm		4 per Sq m		
LOM HYS	LOMANDRA TANIK	TANIK	140mm	350x250mm		4 per Sq m		
MYO ELI	MYOPORUM ELIPTICUM	CREEPING BOOBIALA	140mm	350x250mm		4 per Sq m		
PEN NAF	PENNISETUM ALOPECUROIDES 'NAFRAY'	DAWARF SWAMP FOXTAIL	140mm	350x250mm		4 per Sq m		
SCE SER	SENECIO SERPENS	BLUE CHALK STICKS	140mm	250x250mm		4 per Sq m		
VIO HED	VIOLEA HEDERAECIA	NATIVE VIOLA	140mm	250x250mm		4 per Sq m		
NOTES:								
The contractor shall review the plant schedule to ensure that drawings and schedules concur. Where insufficient detail or discrepancies may exist on either the plans or the schedule, it is the contractor's responsibility to resolve immediately with the Lan								

FOR APPROVAL

####	####	####	####
####	####	####	####
####	####	####	####
####	####	####	####
G	S4.45 MODIFICATION	15/11/21	ML MD
F	DEVELOPMENT APPLICATION	04/10/2019	MD AG
E	DEVELOPMENT APPLICATION	03/02/2019	MD AG
D	FOR APPLICATION	23/10/2018	MD AG
C	FOR COORDINATION	04/10/2018	MD AG
B	FOR COORDINATION	15/08/2018	MD AG
A	FOR COORDINATION	04/07/2018	MD AG
rev. no	description	date	drawn appr.

PLEASE NOTE:
Annotated dimensions take precedence over scaled dimensions. Contractors are to verify all dimensions on site before commencing any work or producing shop drawings. These drawings are protected by copyright and may not be copied or reproduced without the written permission of RPS Australia East Pty Ltd's management. Refer to L0.00 (cover sheet) for RPS Australia East Pty Ltd drawing disclaimers.

RPS Australia East Pty Ltd
ACN 140 292 762
ABN 44 140 292 762
Level 4 HQ South
520 Wickham Street
PO Box 1559
Fortitude Valley QLD 4006

T +61 7 3539 9500

W rpsgroup.com

client

AUSTINO

project name

1-2 MURRAY ROSE AVENUE

project location

SYDNEY OLYMPIC PARK

title

COVERSHEET

scale

AS SHOWN

project number

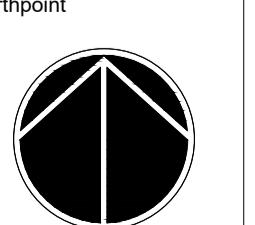
139569-1

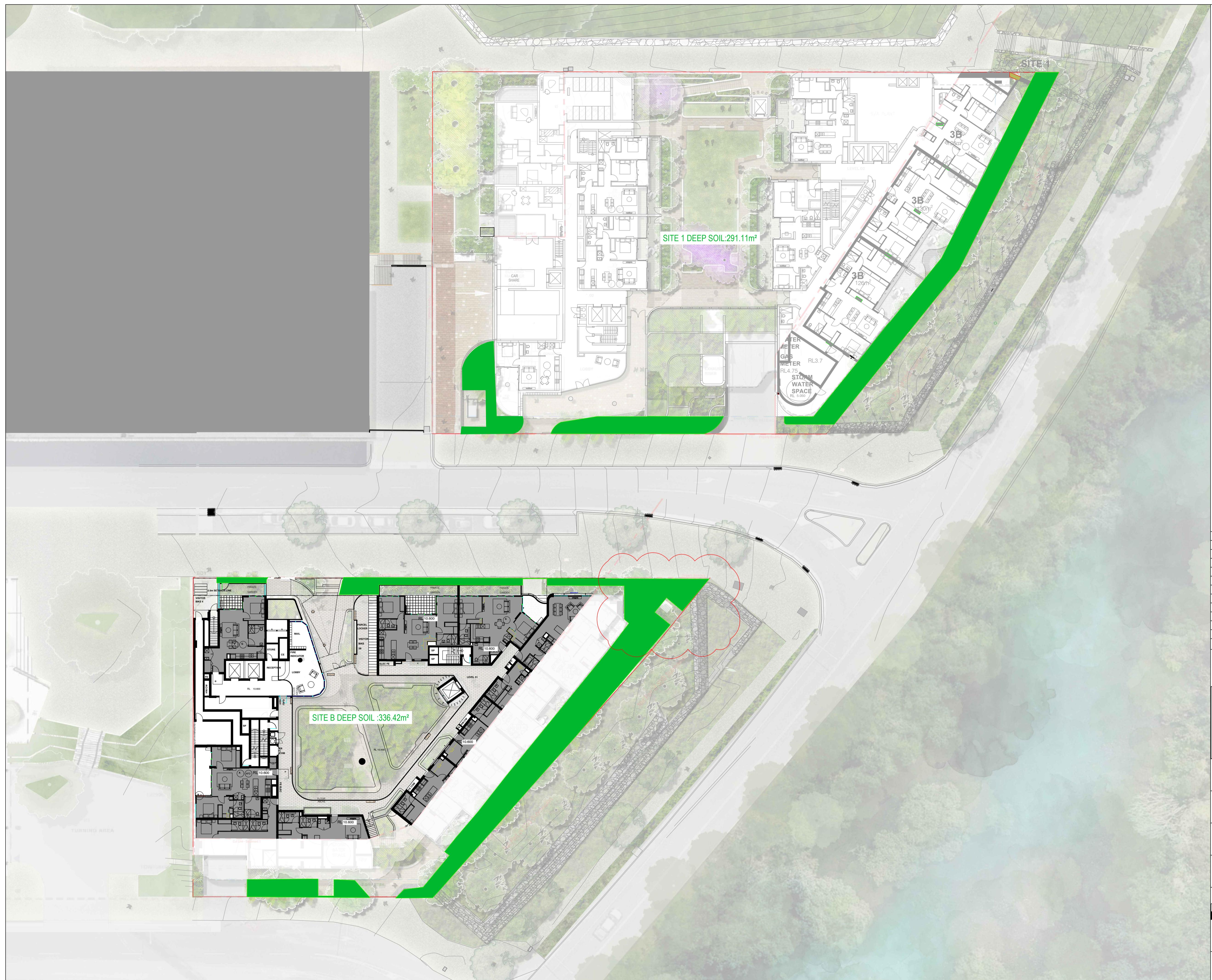
drawing number

L0.00

rev

G





SCOPE OF WORK

The work includes the organisation for and supply of all relevant labour, materials, plant and equipment as required to execute the works.

The scope of work includes but is not limited to the following:

(to be confirmed with New South Wales Crown Holiday Parks Trust)

- Trimming of areas to be landscaped
- Removal of deleterious material
- Cultivation
- Supply and spreading of additives
- Topsoil
- Planting
- Mulching
- Edging
- Furniture
- Landscape walls
- Fencing
- Maintenance

PRELIMINARIES

Establishment on site may include site sheds, barricading, signage or security and general Health and Safety requirements associated with workplace.

EXISTING TREES

Existing trees shown as trees to be retained must be protected in accordance with AS4970 'Protection of Trees on Development Sites.' Trees are to have approved temporary exclusion fencing installed outside the critical root zone to ensure no storage of materials/ or compaction of the ground occurs in this area. Where works are necessary within the critical root zone (such as laying of turf), this is to be undertaken as a final activity once all other works have been finalised. A qualified horticulturist or tradesman skilled in arboricultural techniques is to review the existing trees and undertake any necessary pruning to remove any deadwood or limbs that have been broken, damaged or are deemed unsafe. Prior to undertaking any tree surgery, approval must first be obtained from the landscape architect. Any necessary work within the critical root zone must also be supervised by a qualified horticulturist or tradesman skilled in arboricultural techniques. All works must be undertaken in accordance with AS4373 'Pruning of Amenity Trees.'

SITE AND ENVIRONMENTAL MANAGEMENT

Comply with Local Authority, State and Federal Government requirements on allowable construction times and noise levels. Plan and carry out the work so as to avoid erosion, contamination and sedimentation of the site, surrounding areas, and drainage systems. Ensure all practicable control measures are taken to limit the amount of site disturbance, to control run-off and to prevent increased movement of sediments into any waterways.

Ensure all practicable needs are taken to protect stockpiles from winds and water erosion. Protect the topsoil stockpiles from contamination by other excavated material, weeds and building debris. Ensure that no noxious weeds (groundsel, lantana, nut grass etc.) exist in the topsoil. Stockpiles will be managed to prevent spontaneous combustion and fire. Establish stockpiles to heights not exceeding 1.5 m.

DEMOLITION

All works to comply with AS 2601 (2001). Remove from the site demolished materials which are the property of the Contractor. Do not burn or bury on site. Prevent spillage of demolishing materials in transit.

EARTHWORKS

Earthworks shall involve the removal of existing compacted material, the cultivation of subsoil, the supply and mixing in of additives, the supply and spreading of topsoil and the fine grading of such soil and existing soil profiles to all landscaped areas to form the finished levels and profiles. Install all surfaces with falls of minimum 3% away from the existing buildings, to edges or kerbs as required, to ensure drainage of surface water to the drainage systems around the site.

Finished surfaces shall finish flush with existing pits, covers, roller kerbs, edges and adjacent surfaces. Except where flush kerbs are installed to road edges than grass levels should finish 50mm below such flush kerbs

Preparation

Eradicate all weeds using environmentally acceptable methods, such as non-residual glyphosate herbicide in any of its registered formulae, at the recommended maximum rate. All works in close proximity to conservation area should reduce reliance on herbicides. Non-chemical control measures should be considered within highly sensitive areas, including those around waterways and/or wetland areas, for preferential and successful weed control. Weed specimens requiring herbicide application within these sensitive areas should consider safe guards against application methods. For example, cut stump methods for drill/inject methods are less likely to contaminate the native ecology than spray techniques. Refer to the Weed Management Plan, which was previously prepared for the development site, which clearly identifies different weed management zones and preferred treatment.

Maintain all areas in a weed free state for the duration of the contract and Plant Establishment periods.

Removing compacted material

Excavate and remove from site compacted fill resulting from the building works. Cultivate to 300mm depth all pre-existing site material that has been compacted during construction.

Existing site topsoil

Site topsoil to be used for all landscape areas. Where there is insufficient quantity of site top soil imported topsoil shall be used.

Topsoil shall comply with this specification and AS 4419 (1998) 'Soils for Landscaping and Garden Use'. All topsoils to be certified free of fire ants.

Plant growing media:

Turf areas

Horizon A- 100mm depth ameliorated site top soil.

Horizon B - 200mm depth ripped insitu site soil

Planting Areas

Horizon A- 300mm depth ameliorated site top soil

Horizon B - 150mm depth ripped insitu site soil

All site top soil shall be tested and Amelioration undertaken if required.

The intended purpose of the project's topsoil is to support healthy and vigorous establishment of a phosphorous sensitive native planting palette similar to the vegetation currently on site, and reduce the requirement for ongoing supplementary watering and fertiliser applications.

Site topsoil amelioration (Horizon A) Allow for:

- strip and stockpiling of site won topsoil in stockpiles no greater than 1m height;
- Perform a soil test and assessment by qualified soil scientist of the stockpiled top soil against the 'SLD D1, standard pH range, P sensitive' soil specification. Final amelioration of topsoil to be confirmed by the landscape architect.

- Allow for the incorporation of the following ameliorants to the topsoil to the nominated Horizon A depth either prior or post placement of stockpiled topsoil.
 - low phosphorous composted organic soil conditioner conforming with as 4454 @ 20% by volume
 - gypsum, lime and/or dolomite @ 2kg / m3
 - Osmocote® Plus Trace Elements 12 month sustained release fertiliser @ 150g / m3
 - Terra Cottem Universal @ 5kg / m3

All deleterious material including rocks larger than 50mm diam., rubbish, builder's rubble, sticks, roots, weeds and spillage are to be removed.

Import and spread topsoil

Import and spread premium topsoil mix to make up deficiencies as required and appropriate. Soil shall be free of weeds. Finished soil levels shall allow for mulch to finish 20mm below edges as specified herein. Imported topsoil to comply with AS4419.

TIMBERWORK

Provide stable and permanent timber work which supplies the specified requirements, functions at optimal effectiveness and accommodates shrinkage, swelling, and differential movement. Timberwork to remain intact under anticipated climatic conditions and use. Arris or round-off all visible edges unless otherwise noted.

All timber is to be identified by either certification or branding. Unidentified timber may be rejected. Structural timber is to be branded.

All Hardwood timber to be seasoned, dressed, appearance grade Ironbark, durability Class 1 with sapwood treated to H3 for timber above ground and H4 for timber below ground unless otherwise specified.

Certification

All timber used in the building and construction works must be certified by a forest certification scheme that meets the Green Building Council of Australia's 'Essential' criteria for forest certification (eg all schemes accredited by FSC International or PEFC); or is from a reused source; or is sourced from a combination of both.

A list of up-to-date Green Building Council of Australia recognised forest certification schemes can be found on the Green Building Council of Australia website at www.gbcga.org.au.

In addition, timber and timber products sourced from certified forests must be accompanied by a relevant Chain of Custody (CoC) in order to be recognised as a certified timber. Valid Chain of Custody Certificates (CoC) must be provided for all timber, and all parties who handle timber must have valid Chain of Custody certification.

Branding

Brand timber is to show the grade, source of grading and other branding or marking requirements.

METALWORK

Provide stable and permanent metal work which supplies the specified requirements, functions at optimal effectiveness and accommodates thermal movement. Metalwork must be corrosion resistant and remain intact under anticipated climatic conditions and use.

STABILISED GRAVEL

Compaction: To 90% of the maximum dry density and 95% within 600mm of adjacent pavements when tested to AS 1289 Part 5. Discard stones more than 25 mm.

Moisture: Do not water in the surface material. Allow the natural ground water to rise and stabilise the mixture.

Min 1% Fall.

MULCH

Mulch to planting areas shall be free of soil, stones, weeds, rubbish or any other deleterious materials. Spread mulch to garden bed areas to a depth of 75mm, to finish 20mm below adjacent surfaces. Keep mulch clear of plant stems. Spread mulch following planting and watering in. Avoid mixing of soil and mulch materials.

Do not use recycled garden mulch.

STAKES AND TIES

All trees and shrubs 25L or over shall be staked and tied.

PLANTING ESTABLISHMENT

Establish and maintain the works until site handover to NSW CHPT.

Establishment shall include the care of the contract areas by accepted horticultural practices, as well as rectifying any defects that become apparent in the works under normal 'use'. This shall include, but not be limited to, the following works;

- Repair and/or replace any defects due to failure and/or inferior quality materials and/or workmanship,
- Replace plants that have failed and/or have been damaged or died,
- Weed and pest control,
- Maintain all landscape areas in a neat and tidy condition at all times,
- Maintain fertilising and pruning as required,
- Check and adjust levels to attain those specified by addition or removal of mulch and/or topsoil.

All planted beds are to be weeded to maintain same in a grass and weed free condition. Carry out any other work that is specified or is necessary to establish the landscape works in a first class condition.

PLANTING

TREE PLANTING

• Prepare hole for tree planting at least two (2) times the depth and two (2) times the diameter of container.

• Place plant in hole backfill in planting hole with 100% site topsoil with added slow release fertilizer as specified than tap and lightly compact around sides to prevent air pockets.

• Supply and install 2no. x 1800 x 50 x 50mm HWD stakes to a minimum depth in to ground 600mm. Place stakes parallel to kerb and equal distances apart from trunk to allow good growth habit (approx. 300mm).

• Supply and install 50mm wide hessian or Jute from stake to trunk fixed at stake in a figure eight at approx. half tree height.

• Minimum horizontal distance from tree trunk:

- 2 meters from fire hydrant, valve box or Telstra inspection pit.
- 1.5 meters to sewer or water main connection and
- 2 meters from a directly buried fiber optical cable

TURF

Minimum Thickness

25 mm of topsoil attached.

INSTALLATION

Lay turf parallel to slope contours with staggered, close-butted joints so that the finished turf surface is flush with adjacent finished surfaces.

Watering

Irrigate thoroughly with a fine spray. Continue as necessary to maintain moisture to this depth and to maintain the grass in a healthy green condition.

rejection

Replace failed turf and relay with new turf.

Fertiliser

Supply

Deliver fertiliser to the site in bags, branded with the type and manufacturer's name.

Types and Application

Refer Schedules

Turfed Areas

The following is the minimum expected:

At time of preparation or not more than 48 hours before laying, spread pre-laying fertiliser evenly over topsoil and rake lightly into the surface.

During the Establishment Period spread establishment fertiliser evenly over the turf area and then water in.

Do not apply fertiliser to wet grass.

RECTIFICATION WORK

- All environmental and declared weed must be controlled in existing vegetation.

MAINTENANCE MANAGEMENT

Maintenance of completed stages to be undertaken until practical completion of all works

Weeding

- Remove weeds and rubbish from planted areas.

Mowing / trimming

- Mow turf and trim edges to maintain a neat appearance and maintenance new planting dominance.

Watering

- Ensure adequate soil moisture for continuous healthy plant and turf growth by applying water as necessary.

Reinstatement

- Replenish mulch as required to maintain specified 75mm minimum depth.
- Ensure all tree trunk collars are a minimum 75mm clear of mulch to prevent rotting.
- Ensure 100% turf cover is maintained in turf areas and, if required, re-turf or seed.
- Undertake appropriate remedy measures to unhealthy plant/s to insect infestation and disease
- Replace any stolen or dead plants on a three monthly basis, always confirm direction on substitution or replacement with a similar size and identical species or variety of the plant/s with the Landscape Architect prior to replacement.
- Reinstate ties and stakes as necessary.
- Securely re-fix Erosion Control Blanket in position, where required.

Monitoring

- Regularly inspect all landscape works to monitor during construction, establishment and maintenance.

DEFECTS LIABILITY for all materials and workmanship will extend for a period of 52 weeks from date of practical completion.

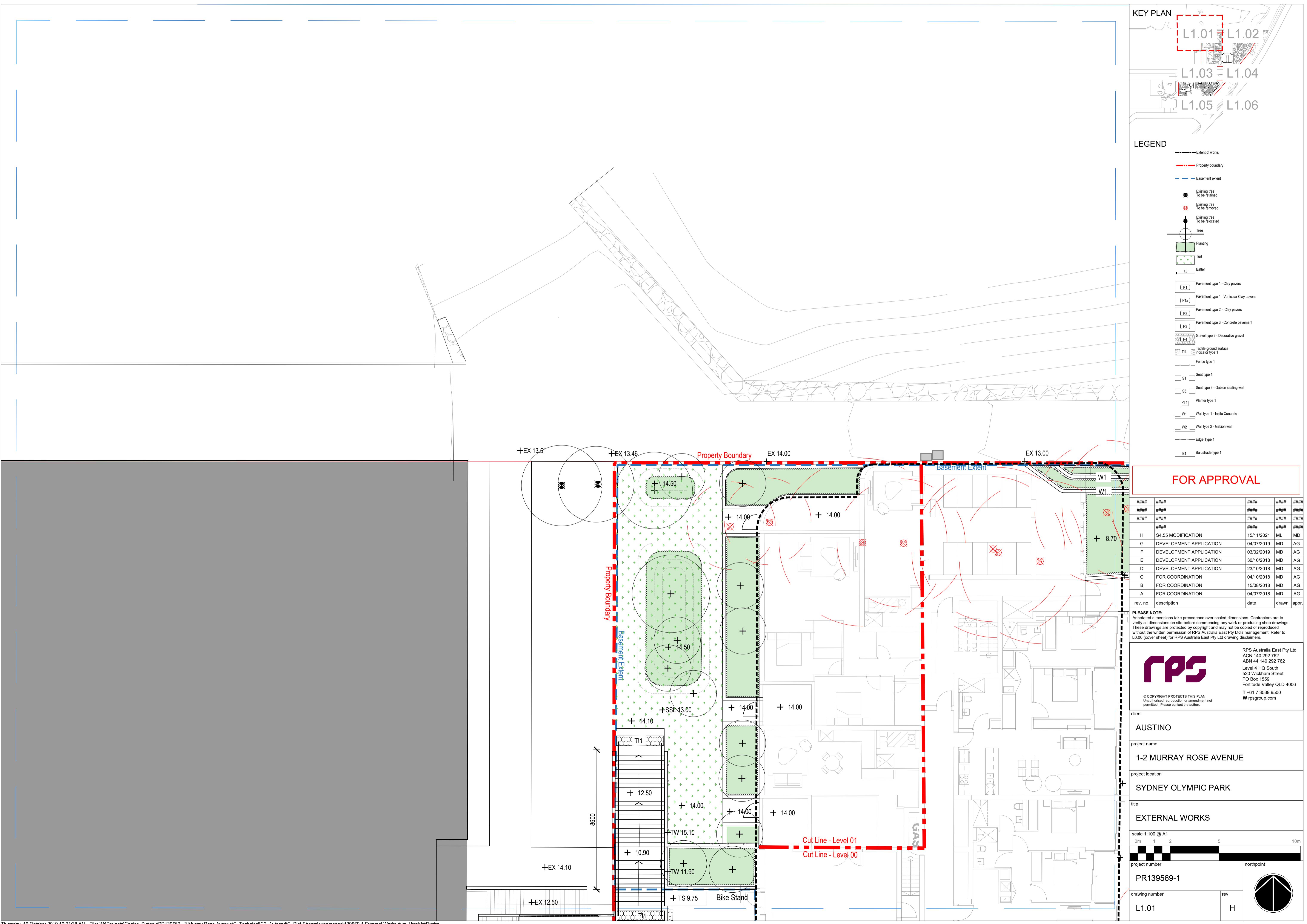
FOR APPROVAL

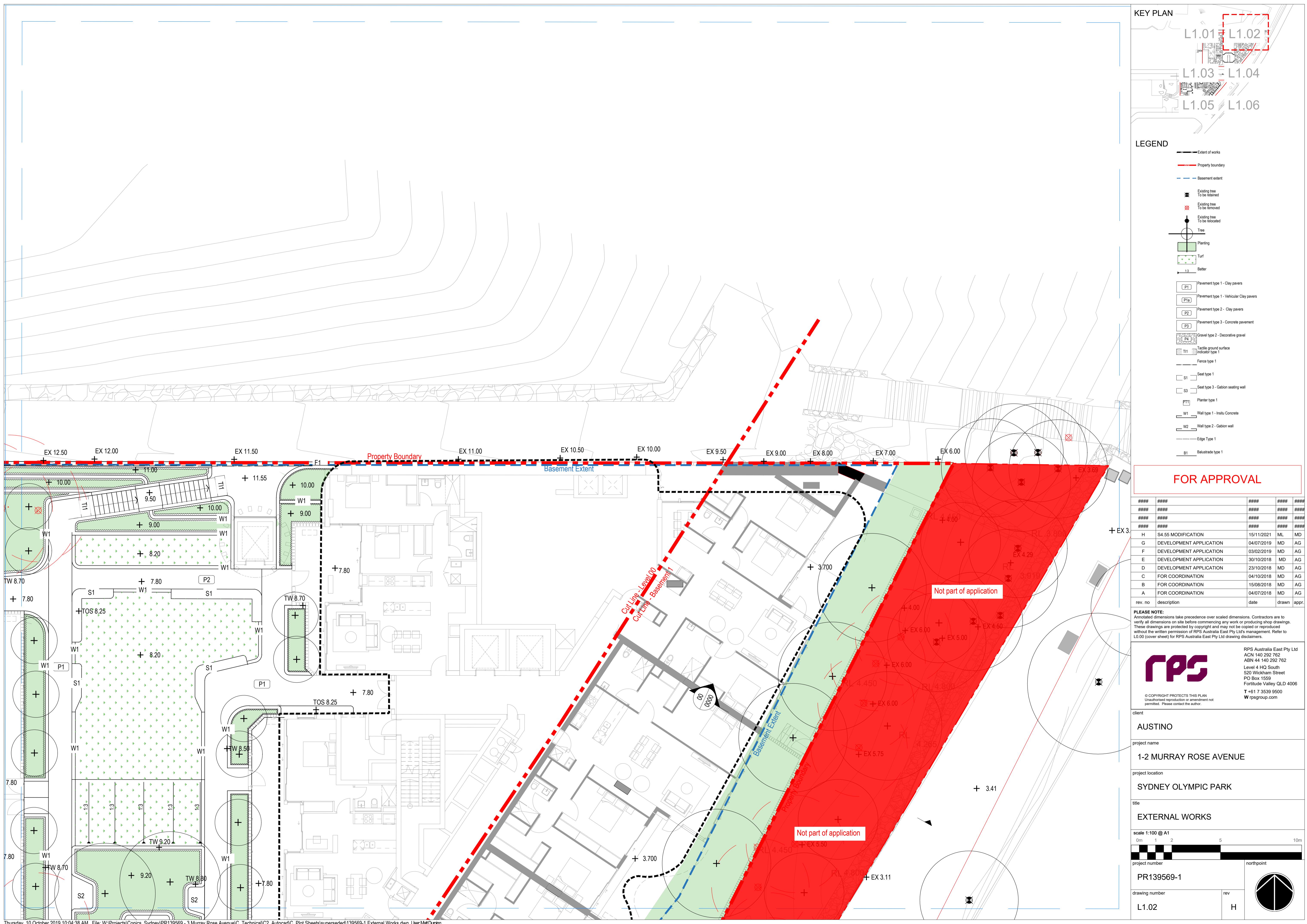
####	####	####	####	####
####	####	####	####	####
####	####	####	####	####
####	####	####	####	####
H	S4.45 MODIFICATION	15/11/2021	ML	MD
G	DEVELOPMENT APPLICATION	04/07/2019	MD	AG
F	DEVELOPMENT APPLICATION	03/02/2019	MD	AG
E	DEVELOPMENT APPLICATION	30/10/2018	MD	AG
D	DEVELOPMENT APPLICATION	23/10/2018	MD	AG
C	FOR COORDINATION	04/10/2018	MD	AG
B	FOR COORDINATION	15/08/2018	MD	AG
A	FOR COORDINATION	07/05/2018	MD	AG
rev	description	date	drawn	appr

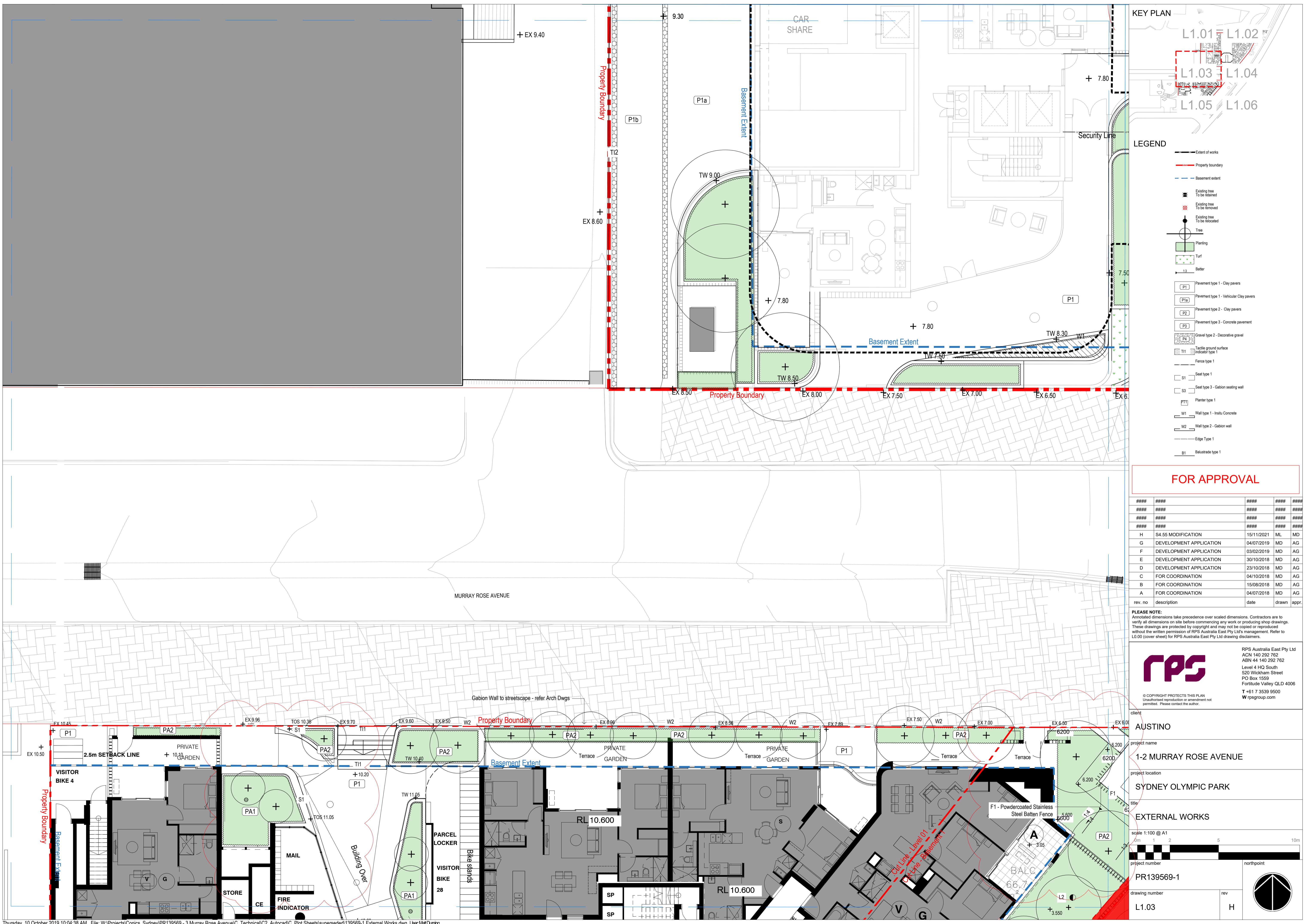
PLEASE NOTE:
Annotated dimensions take precedence over scaled dimensions. Contractors are to verify all dimensions on site before commencing any work or producing shop drawings. These drawings are protected by copyright and may not be copied or reproduced without the written permission of RPS Australia East Pty Ltd's management. Refer to L0.00 (cover sheet) for RPS Australia East Pty Ltd drawing disclaimers.

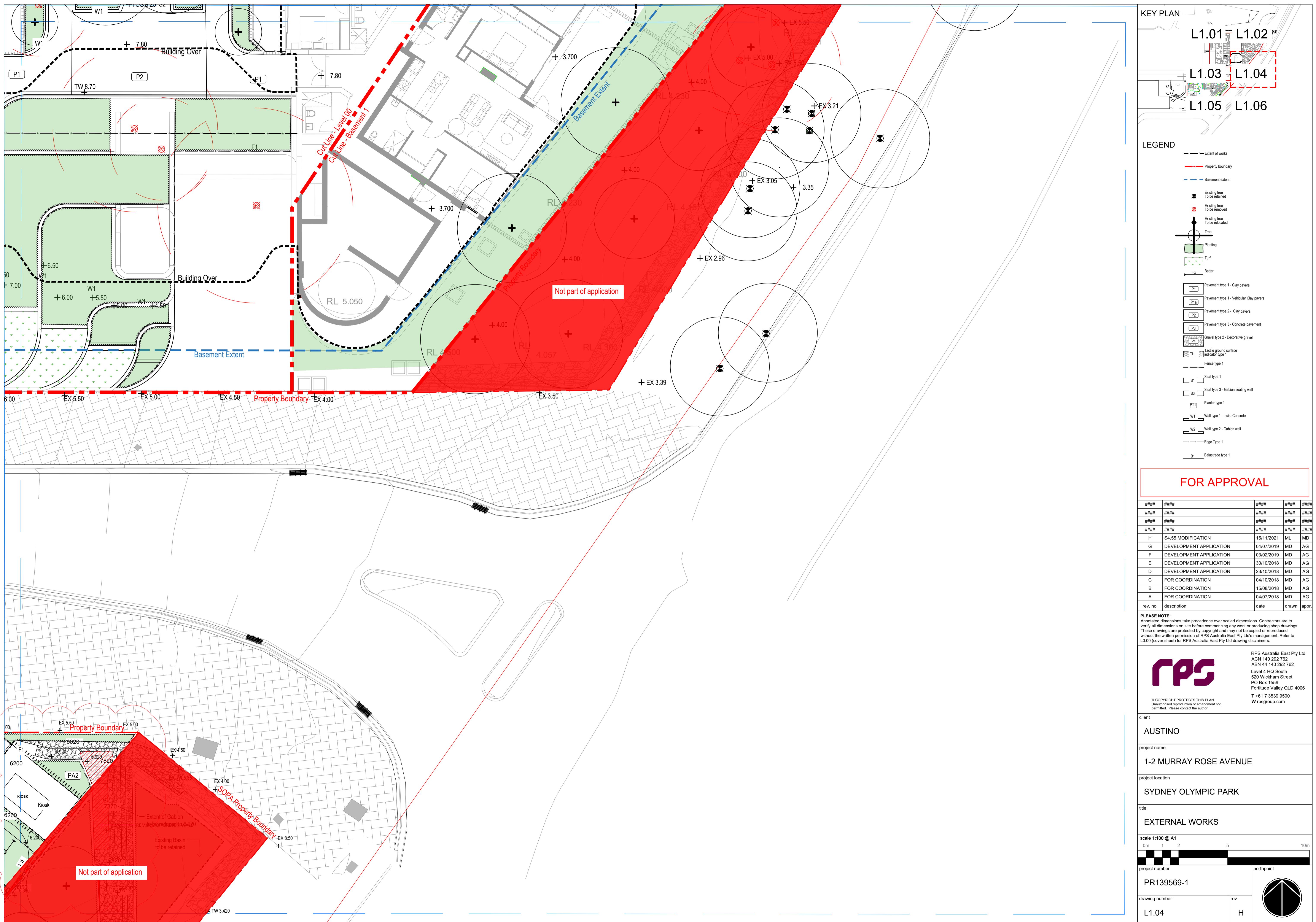
RPS Australia East Pty Ltd
ACN 140 292 762
ABN 44 140 292 762
Level 4 HQ South
520 Wickham Street
PO Box 1559
Fortitude Valley QLD 4006

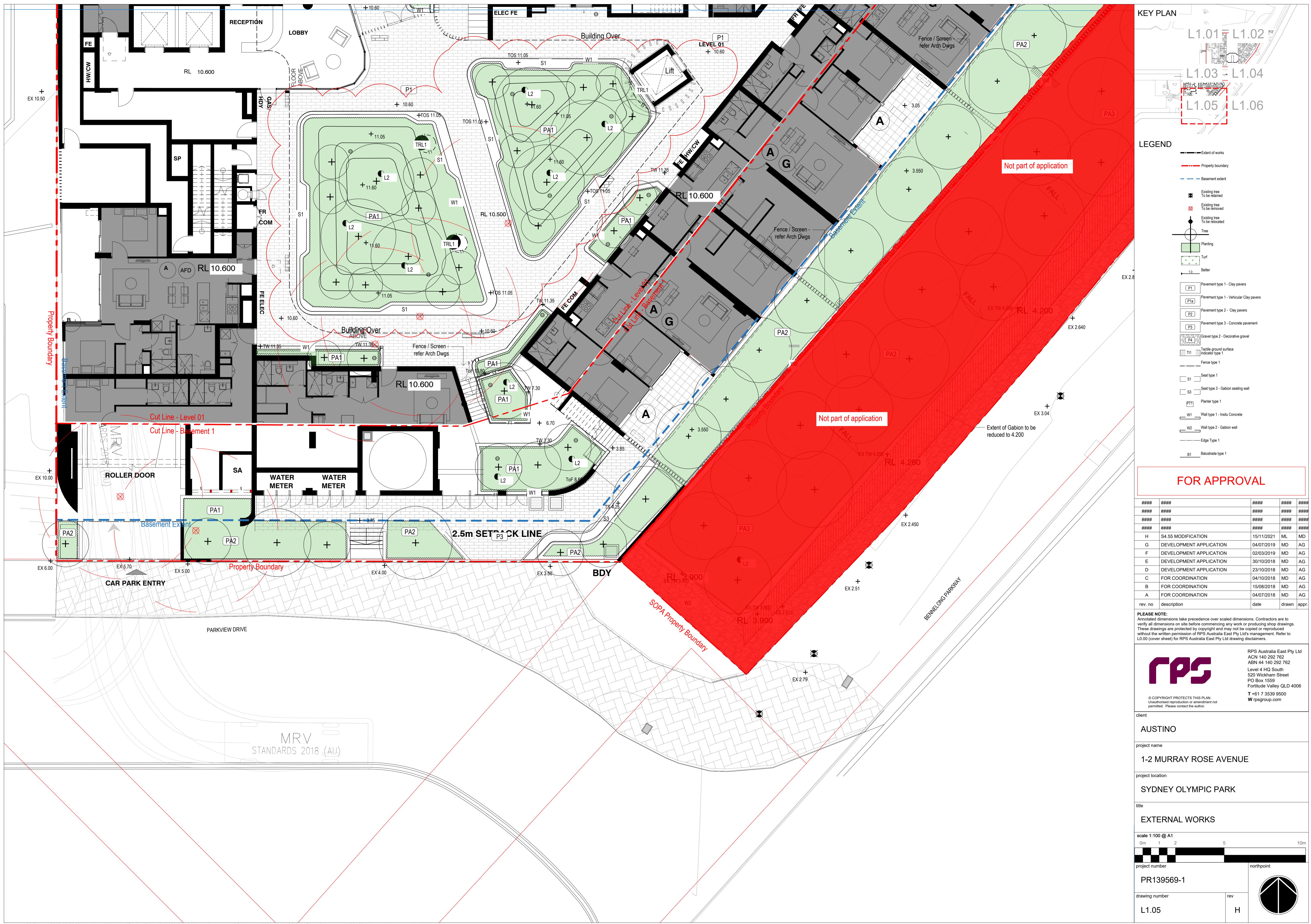
© COPYRIGHT PROTECTS THIS PLAN
Unauthorised reproduction or amendment not
permitted. Please contact the author.



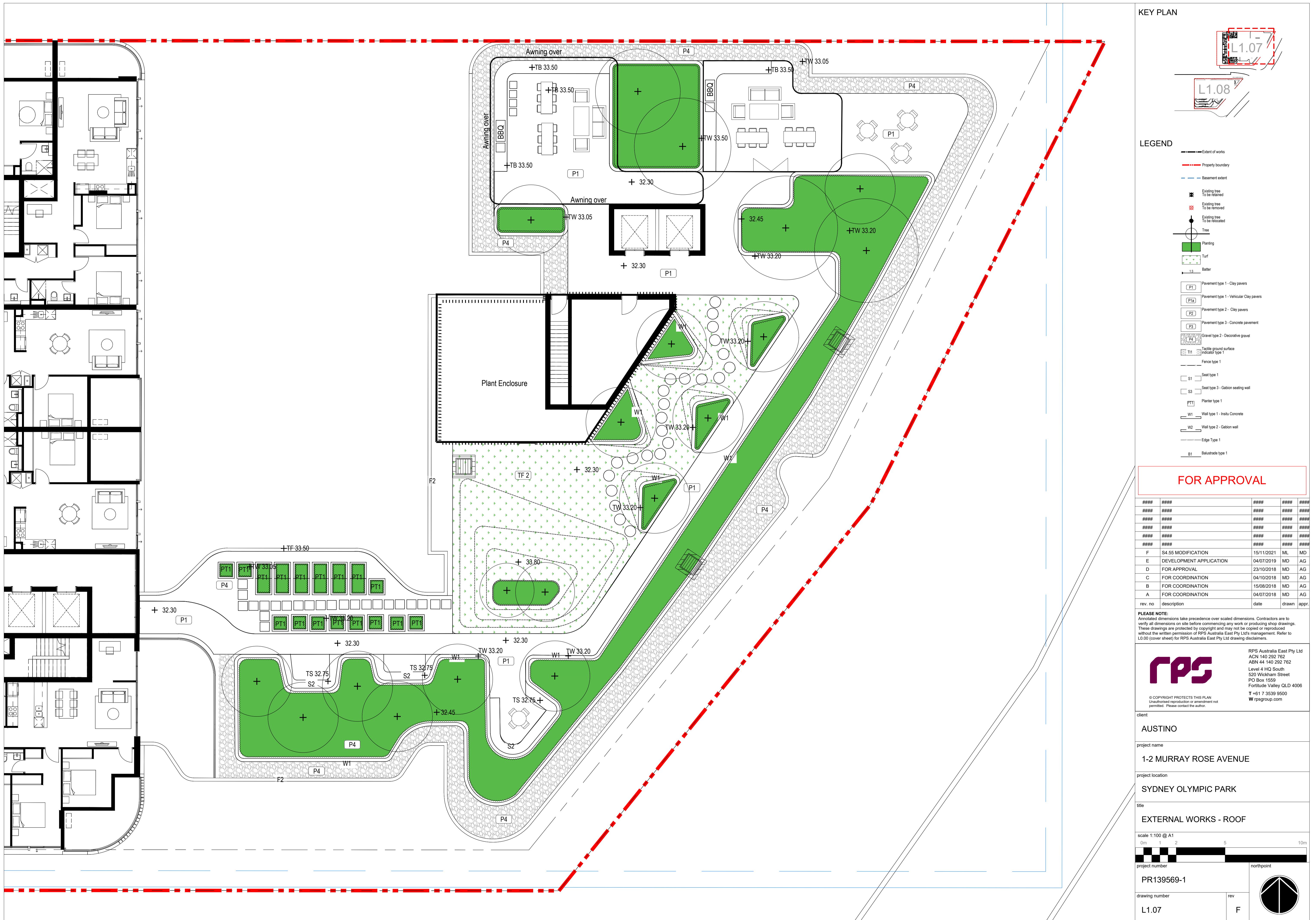




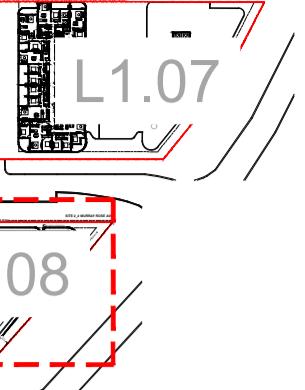








SITE 2_2 MUR



KEY PLAN

LEGEND

Legend entries:

- Extent of works
- Property boundary
- Basement extent
- Existing tree To be retained
- Existing tree To be removed
- Existing tree To be relocated
- Tree
- Planting
- Turf
- Batter 1:3
- Pavement type 1 - Clay pavers (P1)
- Pavement type 1 - Vehicular Clay pavers (P1a)
- Pavement type 2 - Clay pavers (P2)
- Pavement type 3 - Concrete pavement (P3)
- Gravel type 2 - Decorative gravel (P4)
- Tactile ground surface
- Indicator type 1 (TI1)
- Fence type 1
- Seat type 1 (S1)
- Seat type 3 - Gabion seating wall (S3)
- Planter type 1 (PT1)
- Wall type 1 - Insitu Concrete (W1)
- Wall type 2 - Gabion wall (W2)
- Edge Type 1
- Balustrade type 1 (B1)

FOR APPROVAL

#	#####	#####	#####
#	#####	#####	#####
#	#####	#####	#####
#	#####	#####	#####
#	#####	#####	#####
#	#####	#####	#####
5 MODIFICATION	15/11/2021	ML	MD
DEVELOPMENT APPLICATION	04/07/2019	MD	AG
R APPROVAL	23/10/2018	MD	AG
R COORDIANTION	04/10/2018	MD	AG
R COORDINATION	15/08/2018	MD	AG
R COORDINATION	04/07/2018	MD	AG
scription	date	drawn	appr

sions take precedence over scaled dimensions. Contractors are to
ns on site before commencing any work or producing shop drawings.
re protected by copyright and may not be copied or reproduced
without permission of RPS Australia East Pty Ltd's management. Refer to
for RPS Australia East Pty Ltd drawing disclaimers.

15

IT PROTECTS THIS PLAN
reproduction or amendment not
please contact the author.

0

MURRAY ROSE AVENUE

11. *What is the primary purpose of the following statement?*

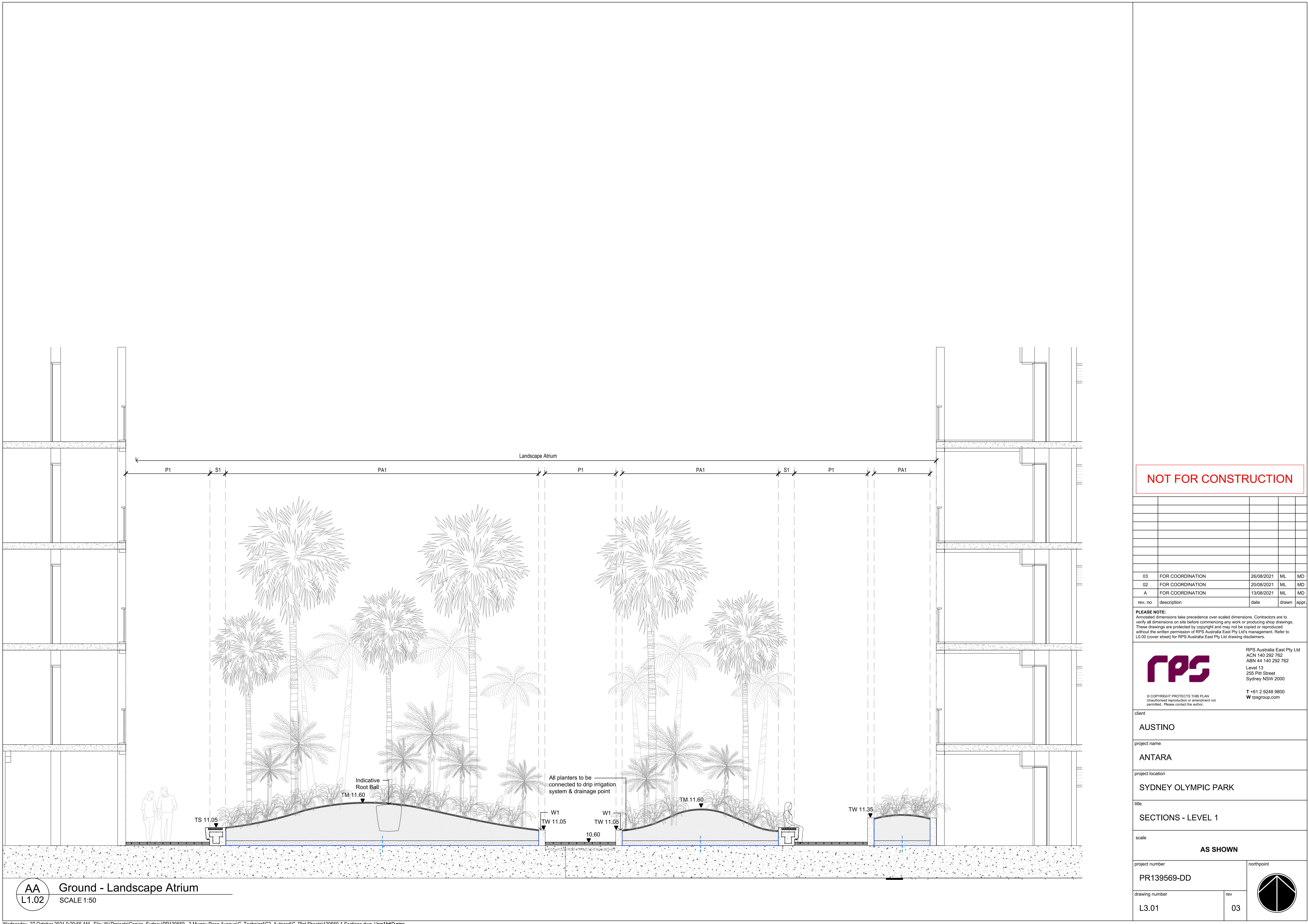
Y OLYMPIC PARK

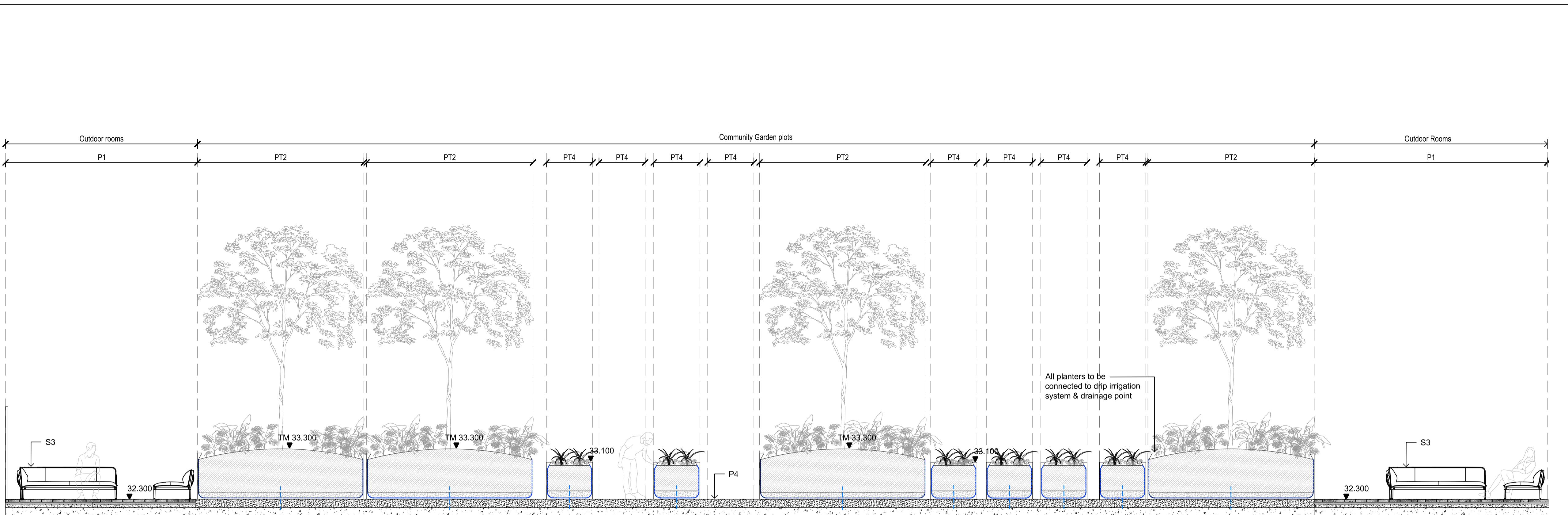
ANAL WORKS

A horizontal bar chart showing the distribution of a variable across three categories. The first category (black) spans from 0 to 5. The second category (white) spans from 5 to 10m. The third category (black) spans from 10m to 15m. The x-axis is labeled with 2, 5, and 10m.

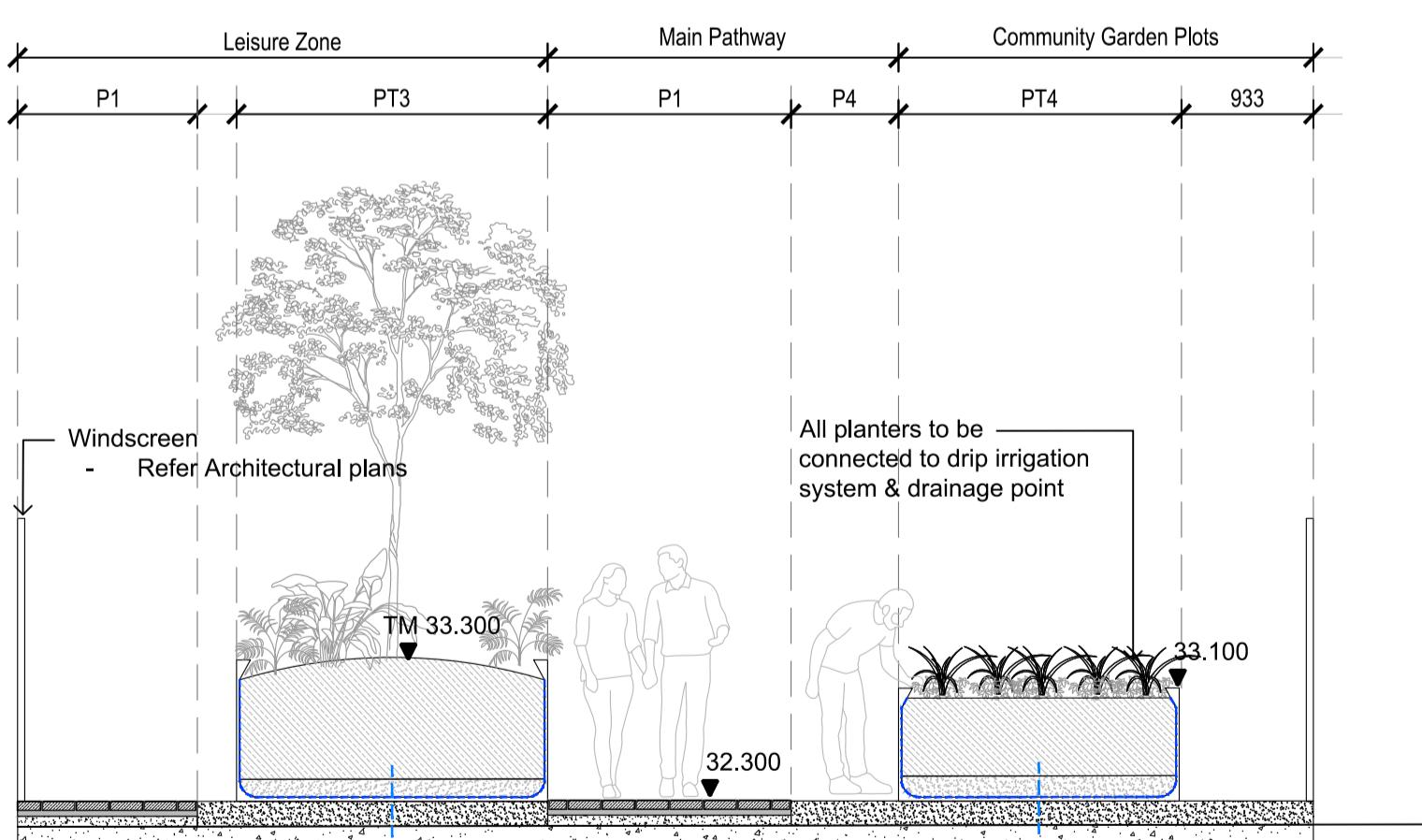
Northpoint

rev
E





NOT FOR CONSTRUCTION



PLEASE NOTE:
Annotated dimensions take precedence over scaled dimensions. Contractors are to verify all dimensions on site before commencing any work or producing shop drawings. These drawings are protected by copyright and may not be copied or reproduced without the written permission of RPS Australia East Pty Ltd's management. Refer to L0.00 (cover sheet) for RPS Australia East Pty Ltd drawing disclaimers.

RPS Australia East Pty Ltd
ACN 140 292 762
ABN 44 140 292 762
Level 13
255 Pitt Street
Sydney NSW 2000

T +61 2 9248 9800
W rpsgroup.com

© COPYRIGHT PROTECTS THIS PLAN
Unauthorised reproduction or amendment not
permitted. Please contact the author.

client

AUSTINO

project name

ANTARA

project location

SYDNEY OLYMPIC PARK

title

SECTIONS - ROOF

scale

AS SHOWN

project number

PR139569-DD

drawing number

L3.02

rev

03

