ISSUE	DATE	AMENDMENT
9	28/06/2017	dual chute system - REVISION
8	27/06/2017	Temporary waste room - REVISION
7	26/06/2017	Temporary waste room - REVISION
6	08/06/2017	Laneway - REVISION
5	12/05/2017	Laneway - REVISION

LEGENDS / NOTES:

BR	BEDROOM	GAS	GAS CUPBOARD	RWO	RAINWATER OUTLET
COM	COMMS CUPBOARD	GD	GRATED DRAIN	SWP	STORM WATER PIT
DP	DOWNPIPE	GEX	GARBAGE EXHAUST	TOH	TOP OF HOB
E	ELECTRICAL CUPBOARD	MBX	MAILBOX	TOW	TOP OF WALL
FHR	FIRE HOSE REEL	RL	RELATIVE LEVEL	TTI	TACTILE INDICATORS

0 5 10 15 20m
SCALE BAR

NORTH POINT

PROJECT
PROPOSED RESIDENTIAL FLAT BUILDING

ADDRESS
10-16 JOHN TIPPING GROVE & 1-3 DEVILNITS PARADE, PENRITH

CLIENT
CBG GROUP

MORSON GROUP

NOMINATED ARCHITECT – P F MORSON REGISTRATION NUMBER 8100
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SHEET SIZE: A1
SCALE 1 : 200
DATE Jun 2016

SHEET NAME **PROPOSED GROUND FLOOR**

DRAWING NUMBER **DA06**
ISSUE NO. **9**

ISSUE	DATE	AMENDMENT
5	28/06/2017	dual chute system - REVISION
4	24/04/2017	DA ISSUE - REVISION
3	18/04/2017	DA ISSUE
2	15/03/2017	DA ISSUE
1	29/06/2016	DA ISSUE

LEGENDS / NOTES:

BR	BEDROOM	GAS	GAS CUPBOARD	RWO	RAINWATER OUTLET
COM	COMMS CUPBOARD	GD	GRATED DRAIN	SWP	STORM WATER PIT
DP	DOWNPIPE	GEX	GARBAGE EXHAUST	TOH	TOP OF HOB
E	ELECTRICAL CUPBOARD	MBX	MAILBOX	TOW	TOP OF WALL
FHR	FIRE HOSE REEL	RL	RELATIVE LEVEL	TTI	TACTILE INDICATORS

0 5 10 15 20m
SCALE BAR

NORTH POINT

PROJECT
PROPOSED RESIDENTIAL FLAT BUILDING

ADDRESS
10-16 JOHN TIPPING GROVE & 1-3 DEVILNITS PARADE, PENRITH

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SHEET SIZE: A1
SCALE 1 : 200
DATE Jun 2016

SHEET NAME **PROPOSED LEVEL 1**

DRAWING NUMBER **DA08**
ISSUE NO. **5**

ISSUE	DATE	AMENDMENT
5	28/06/2017	dual chute system - REVISION
4	24/04/2017	DA ISSUE - REVISION
3	18/04/2017	DA ISSUE
2	15/03/2017	DA ISSUE
1	29/06/2016	DA ISSUE

LEGENDS / NOTES:

BR	BEDROOM	GAS	GAS CUPBOARD	RWO	RAINWATER OUTLET
COM	COMMS CUPBOARD	GD	GRATED DRAIN	SWP	STORM WATER PIT
DP	DOWNPIPE	GEX	GARBAGE EXHAUST	TOH	TOP OF HOB
E	ELECTRICAL CUPBOARD	MBX	MAILBOX	TOW	TOP OF WALL
FHR	FIRE HOSE REEL	RL	RELATIVE LEVEL	TTI	TACTILE INDICATORS

0 5 10 15 20m
SCALE BAR

NORTH POINT

PROJECT
PROPOSED RESIDENTIAL FLAT BUILDING

ADDRESS
10-16 JOHN TIPPING GROVE & 1-3 DEVILNITS PARADE, PENRITH

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SHEET SIZE: A1
SCALE 1 : 200
DATE Jun 2016

SHEET NAME **PROPOSED LEVEL 2**

DRAWING NUMBER **DA09**
ISSUE NO. **5**

ISSUE	DATE	AMENDMENT
5	28/06/2017	dual chute system - REVISION
4	24/04/2017	DA ISSUE - REVISION
3	18/04/2017	DA ISSUE
2	15/03/2017	DA ISSUE
1	29/06/2016	DA ISSUE

LEGENDS / NOTES:

BR	BEDROOM	GAS	GAS CUPBOARD	RWO	RAINWATER OUTLET
COM	COMMS CUPBOARD	GD	GRATED DRAIN	SWP	STORM WATER PIT
DP	DOWNPIPE	GEX	GARBAGE EXHAUST	TOH	TOP OF HOB
E	ELECTRICAL CUPBOARD	MBX	MAILBOX	TOW	TOP OF WALL
FHR	FIRE HOSE REEL	RL	RELATIVE LEVEL	TTI	TACTILE INDICATORS

0 5 10 15 20m
SCALE BAR

NORTH POINT

PROJECT
PROPOSED RESIDENTIAL FLAT BUILDING

ADDRESS
10-16 JOHN TIPPING GROVE & 1-3 DEVILNITS PARADE, PENRITH

CLIENT
CBG GROUP

MORSON GROUP

NOMINATED ARCHITECT - P F MORSON
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SHEET SIZE: A1
SCALE 1 : 200
DATE Jun 2016

SHEET NAME
PROPOSED LEVEL 3

DRAWING NUMBER DA10
ISSUE NO. 5

ISSUE	DATE	AMENDMENT
5	28/06/2017	dual chute system - REVISION
4	24/04/2017	DA ISSUE - REVISION
3	18/04/2017	DA ISSUE
2	15/03/2017	DA ISSUE
1	29/06/2016	DA ISSUE

LEGENDS / NOTES:

BR	BEDROOM	GAS	GAS CUPBOARD	RWO	RAINWATER OUTLET
COM	COMMS CUPBOARD	GD	GRATED DRAIN	SWP	STORM WATER PIT
DP	DOWNPIPE	GEX	GARBAGE EXHAUST	TOH	TOP OF HOB
E	ELECTRICAL CUPBOARD	MBX	MAILBOX	TOW	TOP OF WALL
FHR	FIRE HOSE REEL	RL	RELATIVE LEVEL	TTI	TACTILE INDICATORS

0 5 10 15 20m
SCALE BAR

NORTH POINT

PROJECT
PROPOSED RESIDENTIAL FLAT BUILDING

ADDRESS
10-16 JOHN TIPPING GROVE & 1-3 DEVILNITS PARADE, PENRITH

CLIENT
CBG GROUP

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SHEET SIZE: A1
SCALE: 1 : 200
DATE: Jun 2016

SHEET NAME: **PROPOSED LEVEL 4**

DRAWING NUMBER: **DA11**
ISSUE NO.: **5**

ISSUE	DATE	AMENDMENT
5	28/06/2017	dual chute system - REVISION
4	24/04/2017	DA ISSUE - REVISION
3	18/04/2017	DA ISSUE
2	15/03/2017	DA ISSUE
1	29/06/2016	DA ISSUE

LEGENDS / NOTES:

BR	BEDROOM	GAS	GAS CUPBOARD	RWO	RAINWATER OUTLET
COM	COMMS CUPBOARD	GD	GRATED DRAIN	SWP	STORM WATER PIT
DP	DOWNPIPE	GEX	GARBAGE EXHAUST	TOH	TOP OF HOB
E	ELECTRICAL CUPBOARD	MBX	MAILBOX	TOW	TOP OF WALL
FHR	FIRE HOSE REEL	RL	RELATIVE LEVEL	TTI	TACTILE INDICATORS

0 5 10 15 20m
SCALE BAR

NORTH POINT

PROJECT
PROPOSED RESIDENTIAL FLAT BUILDING

ADDRESS
10-16 JOHN TIPPING GROVE & 1-3 DEVILNITS PARADE, PENRITH

CLIENT
CBG GROUP

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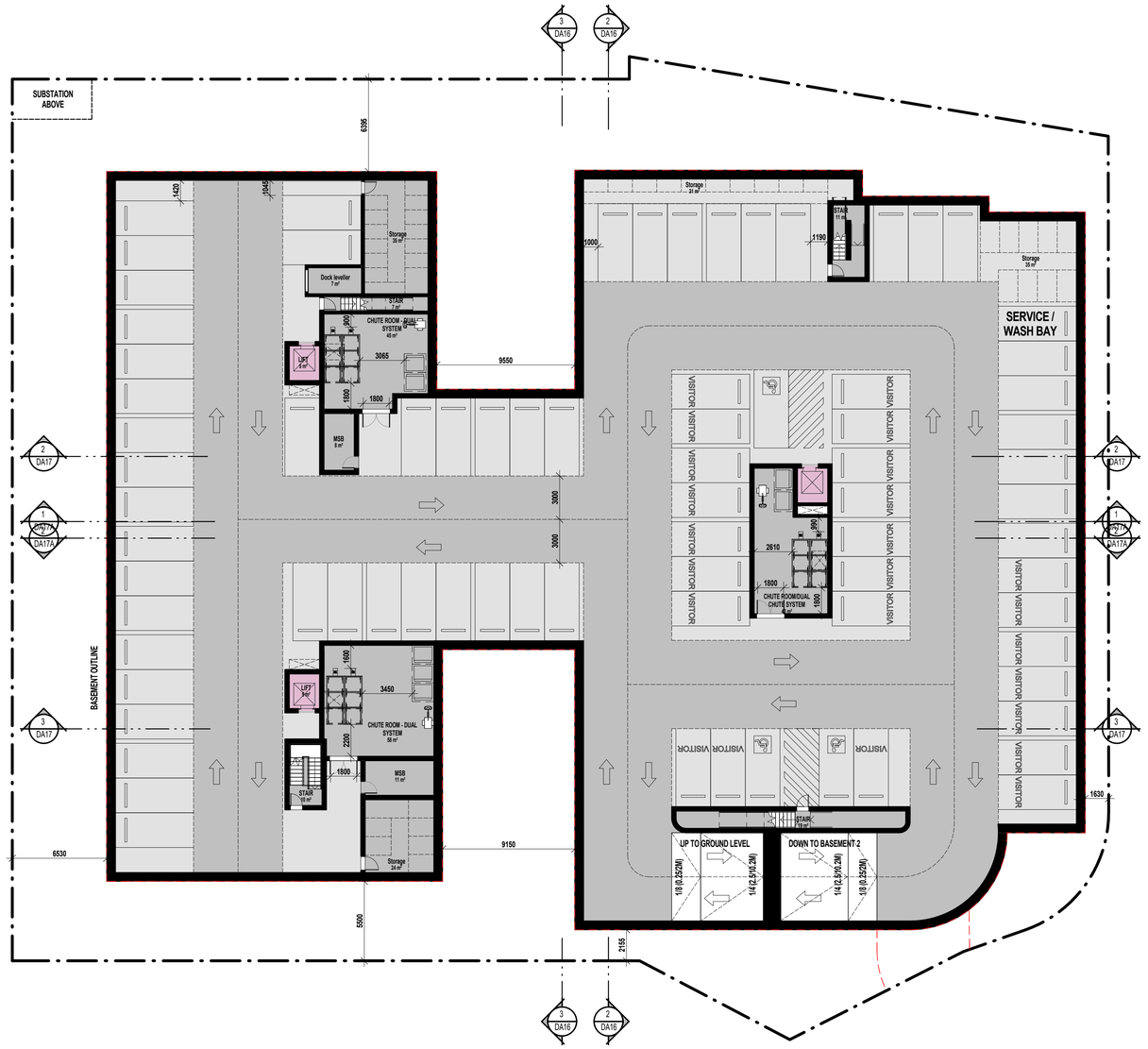
SHEET SIZE: A1
SCALE 1 : 200
DATE Jun 2016

SHEET NAME **PROPOSED LEVEL 5**

DRAWING NUMBER **DA12**
ISSUE NO. **5**

BASEMENT 2
1 : 200



BASEMENT 1
1 : 200

ISSUE	DATE	AMENDMENT
5	27/06/2017	Temporary waste room - REVISION
4	24/04/2017	DA ISSUE - REVISION
3	18/04/2017	DA ISSUE
2	15/03/2017	DA ISSUE
1	29/06/2016	DA ISSUE

LEGENDS / NOTES:

BR	BEDROOM	GAS	GAS CUPBOARD	RWO	RAINWATER OUTLET
COM	COMMS CUPBOARD	GD	GRATED DRAIN	SWP	STORM WATER PIT
DP	DOWNPIPE	GEX	GARBAGE EXHAUST	TOH	TOP OF HOB
E	ELECTRICAL CUPBOARD	MBX	MAILBOX	TOW	TOP OF WALL
FHR	FIRE HOSE REEL	RL	RELATIVE LEVEL	TTI	TACTILE INDICATORS

0 5 10 15 20m
SCALE BAR

NORTH
NORTH POINT

PROJECT
PROPOSED RESIDENTIAL FLAT BUILDING

ADDRESS:
10-16 JOHN TIPPING GROVE & 1-3 DEVILNITS PARADE, PENRITH

CLIENT
CBG GROUP

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SHEET SIZE: A1
SCALE 1 : 200
DATE Jun 2016

SHEET NAME **PROPOSED BASEMENT LEVEL**

DRAWING NUMBER **DA07**
ISSUE NO. **5**

Angophora costata

Tristaniopsis laurina 'Luscious'

Melaleuca quinquenervia

Prunus serrulata 'Kwanzan'

Acer palmatum 'Ariadne'

Buckinghamia celsissima

Acmena 'Firescreen'

Syzygium 'Cascade'

Doryanthes excelsa

Hardenbergia 'Meema'

LOCATION PLAN

Scale: NTS

10-14 JOHN TIPPING GROVE
1-3 DEVILNITS PDE
[PROPOSED DESIGN]

6-8 JOHN TIPPING GROVE
[COMPLETED DESIGN]

Automatic irrigation shall be installed for raised planter area to ensure a sustainable landscape is achieved. Shop drawing to be provided by licensed irrigation consultants

TREE SURVEY

Existing Trees based on Arborists Report by NATURALLY TREES 26.11.15

No.#	Species	Size (Ht x Sp)	Significance	Action
1	Lophostemon confertus	3x3	Low	Retain
2	Cedrus deodara	20x14	High	Remove
3	Jacaranda mimosifolia	18x20	High	Remove
4	Eucalyptus saligna	20x18	High	Remove
5	Cupressus spp.	12x2	Low	Remove
6	Lophostemon confertus	16x10	Medium	Remove
7	Chamaecyparis spp.	14x8	Medium	Remove
8	Chamaecyparis spp.	14x8	Medium	Remove
9	Chamaecyparis spp.	14x8	Medium	Remove
10	Lagerstroemia indica	3x3	Low	Remove
11	Celtis sinensis	14x10	Medium	Remove
12	Celtis sinensis	14x10	Medium	Remove
13	Celtis sinensis	14x10	Medium	Remove
14	Schinus areira	9x8	Medium	Remove
15	Acer negundo	14x12	Medium	Remove
16	Araucaria cunninghamii	24x8	High	Remove
17	Celtis sinensis	14x12	Medium	Remove
18	Citrus x limon	4x3	Low	Remove
19	Melia azedarach	22x22	High	Remove
20	Melia azedarach	10x8	Medium	Retain
21	Celtis sinensis	8x5	Low	Remove
22	Photinia spp.	5x5	Low	Remove
23	Lophostemon confertus	16x10	High	Remove

REV	DATE	NOTATION/AMENDMENT
A	28.06.16	Preliminary DA prepared for review
B	06.03.17	Co-ordinated with new Architectural Plan
C	15.03.17	Co-ordinated with new Architectural Plan
D	18.04.17	Co-ordinated with new Architectural Plan & Re-design central COS area

DRAWING SCHEDULE

SHEET #	DRAWING TITLE	REV.
/1	LANDSCAPE PLAN	F
/2	DETAIL + SPECIFICATION	D
/3	DETAIL + SPECIFICATION	D

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enquiries@conzept.net.au

10 - 14 JOHN TIPPING GVE & 1-3 DEVILNITS PDE, PENRITH, NSW
PROPOSED RESIDENTIAL APARTMENT DEVELOPMENT

LEGEND & SCHEDULE

NOTES:
1. ALL FINAL PLANT QUANTITIES INDICATED ON PLANS SHALL BE CHECKED AND VERIFIED BY SUCCESSFUL LANDSCAPE CONTRACTOR.
2. ANY PLANT SUBSTITUTES REQUIRED DUE TO UNAVAILABILITY SHALL BE RECOMMENDED BY THE LANDSCAPE CONTRACTOR TO BEST MATCH SUBSTITUTED PLANTS AND APPROVED PRIOR TO PURCHASING BY THE LANDSCAPE ARCHITECT.
3. WORKS CERTIFIED FOR FINAL OCCUPANCY CERTIFICATE ARE TO MATCH APPROVED LANDSCAPE PLANS.

TREES

Botanical Name: *Magnolia 'Little Gem'*
Common Name: Magnolia Little Gem (Exotic)
Pot size: 45L
Mature H x S: 4.5m x 1.5-2m
Qty Required: 9

Botanical Name: *Waterhousia floribunda*
Common Name: *Weeping Lilly Pilly* (Native)
Pot size: 75Lt
Mature H x S: 10m x 6m
Qty Required: 8

Botanical Name: *Angophora costata*
Common Name: Sydney Red Gum (Native)
Pot size: 100L
Mature H x S: 15-20m x 7-13m
Qty Required: 2

Botanical Name: *Buckinghamia celsissima*
Common Name: Ivory Curl Flower (Native)
Pot size: 45L
Mature H x S: 7m x 3m
Qty Required: 8

Botanical Name: *Acer palmatum 'Ariadne'*
Common Name: Japanese maple (Exotic)
Pot size: 75Lt
Mature H x S: 3m x 4m
Qty Required: 24

Botanical Name: *Tristaniopsis laurina 'Luscious'*
Common Name: Watergum (Native)
Pot size: 75Lt
Mature H x S: 5-8m x 3-5m
Qty Required: 8

Botanical Name: *Melaleuca quinquenervia*
Common Name: *Broad-leaved paperbark* (Native)
Pot size: 75Lt
Mature H x S: 15m x 9m
Qty Required: 3

SHRUBS AND HEDGES

Botanical Name: *Acmena 'Firescreen'*
Common Name: Firescreen Lilly Pilly (Native)
Pot size: 300mm
Mature H x S: 3-4m x 2m
Qty Required: 17

Botanical Name: *Syzygium 'Cascade'*
Common Name: Cascade Lilly Pilly (Native)
Pot size: 300mm
Mature H x S: 2.5m x 1.8m
Qty Required: 58

Botanical Name: *Metrosideros* 'Tahiti'
Common Name: NZ Christmas Bush (Exotic)
Pot size: 150mm
Mature H x S: 1m x 1m
Qty Required: 36

Botanical Name: *Backhousia myrtifolia*
Common Name: Grey Myrtle (Native)
Pot size: 200mm
Mature H x S: 4-6m x 2-4m
Qty Required: 10

Botanical Name: *Gardenia augusta 'True love'*
Common Name: Gardenia (Exotic)
Pot size: 300mm
Mature H x S: 1m x 1m
Qty Required: 51

Botanical Name: *Murraya paniculata*
Common Name: Orange Jessamine (Exotic)
Pot size: 300mm
Mature H x S: 4m x 2-3m
Qty Required: 20

ACCENT PLANTS

Botanical Name: *Philodendron 'Xanadu'*
Common Name: Xanadu Plant (Exotic)
Pot size: 200mm
Mature H x S: 0.7m x 0.7m
Qty Required: 16

Botanical Name: *Rhaphis excelsa*
Common Name: Rhaphis Palm (Exotic)
Pot size: 200mm
Mature H x S: 3m x 1.5m
Qty Required: 18

Botanical Name: *Alcantarea imperialis 'Rubra'*
Common Name: Ruby Imperial Bromeliad (Exotic)
Pot size: 300mm
Mature H x S: 0.8m x 0.9m
Qty Required: 5

Botanical Name: *Doryanthes excelsa*
Common Name: Gymea Lily (Native)
Pot size: 45L
Mature H x S: 1.1m x 1m
Qty Required: 12

OTHER LANDSCAPE ITEMS

- Steel garden edging - refer detail
- Turf area - refer detail
- Stepping stones with groundcover in gaps - refer detail
- Retaining / raised planter wall - refer detail
- Seating - refer detail
- Water Feature. to be nom. by client
- Sculpture. to be nom. by client
- Pergola. to be nom. by client

GRASSES + GROUNDCOVERS

Botanical Name: *Dietes grandiflora*
Common Name: Fortnight Lily (Exotic)
Pot size: 140mm
Mature H x S: 0.9m x 0.8m
Qty Required: 80

Botanical Name: *Pennisetum alopecuroides*
Common Name: Swamp Foxtail (Native)
Pot size: 140mm
Mature H x S: 1m x 1m
Qty Required: 39

Botanical Name: *Pennisetum 'Rubrum'*
Common Name: Purple Swamp Foxtail (Exotic)
Pot size: 150mm
Mature H x S: 1.2m x 1.2m
Qty Required: 37

Botanical Name: *Myoporum parvifolium 'Yareena'*
Common Name: Creeping Boobialla (Native)
Pot size: 140mm
Mature H x S: 0.15m x spreading
Qty Required: 7/m2 **(28.2m2 total)**

Botanical Name: *Hardenbergia 'Meema'*
Common Name: *Meema Purple Coral Pea* (Native)
Pot size: 140mm
Mature H x S: 0.3m x 1.5m
Qty Required: 5/m2 **(36.3m2 total)**

Botanical Name: *Nandina domestica 'Murasaki'*
Common Name: Nandina Flirt (Exotic)
Pot size: 150mm
Mature H x S: 0.3mm x 0.5m
Qty Required: 7/m2 **(69.9m2 total)**

Botanical Name: *Trachelospermum Jasminoides*
Common Name: Star Jasmine (Exotic)
Pot size: 140mm
Mature H x S: 0.3m x 0.6m
Qty Required: 5/m2 **(106.4m2 total)**

Botanical Name: *Dichondra repens*
Common Name: Kidney Weed (Native)
Pot size: 140
Mature H x S: 0.15m x spreading
Qty Required: 9/m2 **(37.8m2 total)**

Botanical Name: *Dianella caerulea 'Cassa Blue'*
Common Name: Cassa Blue Flax Lily (Native)
Pot size: 200mm
Mature H x S: 0.5m x 0.4m
Qty Required: 3/m2 **(27m2 total)**

Bio-retention groundcover Mix:
Carex appressa
Juncus amabilis
Isolepis 'Livewire'
Pot size: 140mm
Mature H x S: < 0.6m
Qty Required: 5/m2 **(42.3m2 total)**

Shade Groundcover Mix:
Ophiopogon japonicus 'Nana'
Viola hederacea
Dichondra repens
Pot size: 140mm
Mature H x S: 0.25m x 0.75m
Qty Required: 5/m2 **(31.3m2 total)**

LANDSCAPE PLAN NOTES

This plan should be read in conjunction with the architectural and hydraulics plans. Work specific to these plans should be prepared in accordance to these plans, including specification and details prior to the installation of landscaping, and should not be altered or compromised during landscape construction. **Retaining wall details to engineers design.**
Elements such as drainage swales may be incorporated in garden bed areas (using non-floatable mulch) without compromising the capacity or form.

This plan has been prepared for DA approval only, not for construction.

This plan has been prepared with reference to ***Ku-ring-gai Councils*** Landscaping Guidelines & requirements. Planting proposed using commercially available plant species selected from local planting lists and the BASIX local plant list and from Sydney Waters "Plant Selector" web site one-drip rated native plants ***(acceptable for Basix planting)***.

The Design & location of new letter boxes shall be in accordance with Australia Post's "Requirements for Delivery of Mail to Residential Premises" published Feb '97. All noxious weeds listed in Councils weed lists & located on the site shall be continually removed & suppressed. Reinstate all boundary fencing in poor condition with Council approved 1.8m fencing to rear of building line, rake to 1m forward of BL. Pollution, sediment & erosion control devices as specified shall be in place, and maintained for the duration of the construction period. Proposed excavation near existing established trees to be supervised by arborist.

D.A approved landscape plan's are required to be constructed as approved to obtain occupancy certificate. ***Permeable areas may be indicated to achieve site coverage restrictions & should be constructed as drawn on this plan.***

- Pole light by Ligman - refer manufacture's detail
- Trees proposed to be removed and replaced with new landscaping
- Existing trees proposed to be retained and protected

AILA Associate

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DIAL 1100 BEFORE YOU DIG

Bar Scale
0 1 2 3 4 5m 10m 15m

ARCHITECT:

LANDSCAPE ARCHITECT:
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COUNCIL
PENRITH CITY COUNCIL

CLIENT
WESTERN SYDNEY DEVELOPMENT

REV	DATE	NOTATION/AMENDMENT
A	22.06.16	Preliminary DA prepared for review
B	28.06.16	Revised Landscape Plan to comply to preliminary letter
C	29.06.16	Co-ordinated with HYD plan
D	06.03.17	Co-ordinated with new Architectural Plan
E	15.03.17	Co-ordinated with new Architectural Plan
F	18.04.17	Co-ordinated with new Architectural Plan & Re-design COS area

PROJECT:
PROPOSED RESIDENTIAL APARTMENT DEVELOPMENT
10-14 JOHN TIPPING GROVE, 1-3 DEVILNITS PDE
PENRITH NSW

TITLE:
LANDSCAPE PLAN (GROUNDFLOOR)

STATUS: DEVELOPMENT APPLICATION
SCALE: 1:150 @ A1
DATE: JUNE 2016
DWG No: LPDA 16 - 507
PAGE NUMBER: 1
DRAWN: D.K
CHECKED: R.F

LANDSCAPE WORK SPECIFICATION

PRELIMINARIES

1.01 GENERAL

The following general conditions should be considered prior to the commencement of landscape works:

- The landscape plans should be read in conjunction with the architectural plans, hydraulic plans, service plans and survey prepared for the proposed development.
- All services including existing drainage should be accurately located prior to the commencement of landscape installation. Any proposed tree planting which falls close to services will be relocated on site under the instruction of the landscape architect.
- Installation of conduit for required irrigation, electrical and other services shall be completed prior to the commencement of hardscape works and hardstand pours.
- All outdoor lighting specified by architect or client to be installed by qualified electrician
- Anomalies that occur in these plans should be brought to our immediate attention.
- Where an Australian Standard applies for any landscape material testing or installation technique, that standard shall be followed.

1.02 PROTECTION OF ADJACENT FINISHES

The Contractor shall take all precautions to prevent damage to all or any adjacent finishes by providing adequate protection to these areas / surfaces prior to the commencement of the Works

1.03 PROTECTION OF EXISTING TREES

Existing trees identified to be retained shall be done so in accordance with NATSPEC Guide 2 "A Guide to Assessing Tree Quality". Where general works are occurring around such trees, or pruning is required, a qualified Arborist shall be engaged to oversee such works and manage tree health.
Existing trees designated on the drawing for retention shall be protected at all times during the construction period. Any soil within the drip-line of existing trees shall be excavated and removed by hand only. No stockpiling shall occur within the root zone of existing trees to be retained.

Any roots larger in diameter than 50mm shall only be severed under instruction by a qualified arborist. Roots smaller than 50mm diameter shall be cut cleanly with a saw.

Temporary fencing shall be installed around the base of all trees to be retained prior to the commencement of landscape works. Where possible this fencing will be located around the drip line of these trees, or a minimum of 3m from the trunk. The fencing shall be maintained for the full construction period.

1.04 EROSION & POLLUTION CONTROL

The Contractor shall take all proper precautions to prevent the erosion of soil from the subject site. The contractor shall install erosion & sediment control barriers and as required by council, and maintain these barriers throughout the construction period. Note that the sediment control measures adopted should reflect the soil type and erosion characteristics of the site.

Erosion & pollution control measures shall incorporate the following:
- Construction of a sediment trap at the vehicle access point to the subject site.
- Sediment fencing using a geotextile filter fabric in the location indicated on the erosion control plan or as instructed on site by the landscape architect.
- Earth banks to prevent scour of stockpiles
- Sandbag kerb sediment traps
- Straw bale & geotextile sediment filter.
- Exposed banks shall be pegged with an approved Jute matting in preparation for mass planting

Refer to "Sitewise Reference Kit" as prepared by DLWC & WSROC (1997) for construction techniques

SOIL WORKS

2.01 MATERIALS

Specified Soil Conditioner (Generally to improve site soil)
The specified soil conditioner for site top-soil improvement shall be an organic mix, equal to "Botany Humus", as supplied by ANL. Note that for sites where soil testing indicates toxins or extremes in pH, or soils that are extremely poor, allow to excavate and supply 300mm of imported soil mix.

New gardens & proposed Planting
New garden and planting areas shall consist of a 50/50 mix of clean site soil (refer d) below) and imported "Organic Garden Mix" as supplied by ANL or approved equal. All mixes are to comply with AS 4419 Soils for landscaping & garden use, & AS 4454 Composts, Soil conditioners & mulches.

Specified Soil Mix - Turf
The specified soil mix for all turf areas shall be a min 75mm layer of imported soil mix consisting of 80% washed river sand (reasonably coarse), and 20% composted organic matter equivalent to mushroom compost or soil conditioner, or other approved lawn top dress.

Site Topsoil
Site topsoil is to be clean and free of unwanted matter such as gravel, clay lumps, grass, weeds, tree roots, sticks, rubbish and plastics, and any deleterious materials and materials toxic to plants. The topsoil must have a pH of between 5.5 and 7. Use 100% imported soil mix when site when site topsoil runs out.

2.02 INSTALLATION

a) Testing
All testing is to be conducted in accordance with AS 1289 Methods for testing soils for engineering purposes. Site soil shall be given a pH test prior to modifying to ensure conditions are appropriate for planting as stated above. Tests shall be taken in several areas where planting is proposed, and the pH shall be adjusted accordingly with sulphur or lime to suit.

Note that a soil test conducted by the "Sydney Soil Lab" or approved equal shall be prepared for all commercial, industrial and multi-unit residential sites. The successful landscape contractor shall implement the recommendations of this test.

b) Set Out of Individual Trees & Mass Planting Areas
All individual tree planting positions and areas designated for mass planting shall be set out with stakes or another form of marking, ready for inspection and approval. Locate all services.

c) Establishing Subgrade Levels
Subgrade levels are defined as the finished base levels prior to the placement of the specified material (i.e. soil conditioner). The following subgrade levels shall apply:
- Mass Planting Beds - 300mm below existing levels with specified imported soil mix.
- Turf areas - 100mm below finished surface level.

Note that all subgrades shall consist of a relatively free draining natural material, consisting of site topsoil placed previously by the Civil Contractor. No builders waste material shall be acceptable.

d) Subgrade Cultivation
Cultivate all subgrades to a minimum depth of 100mm in all planting beds and all turf areas, ensuring a thorough breakup of the subgrade into a reasonably coarse tilth. Grade subgrades to provide falls to surface and subsurface drains, prior to the placement of the final specified soil mix.

e) Drainage Works
Install surface and subsurface drainage where required and as detailed on the drawing. Drain subsurface drains to outlets provided, with a minimum fall of 1:100 to outlets and / or service pits.

f) Placement and Preparation of Specified Soil Conditioner & Mixes.
- Trees in turf & beds - Holes shall be twice as wide as root ball and minimum 100mm deeper - backfill hole with 50/50 mix of clean site soil and imported "Organic Garden Mix" as supplied by ANL or approved equal.
- Mass Planting Beds - Install specified soil conditioner to a compacted depth of 100mm

Place the specified soil conditioner to the required compacted depth and use a rotary hoe to thoroughly mix the conditioner into the top 300mm of garden bed soil. Ensure thorough mixing and the preparation of a reasonably fine tilth and good growing medium in preparation for planting.
- Turf Areas - Install specified soil mix to a minimum compacted depth of 75mm.

Place the specified soil mix to the required compacted depth and grade to required finished soil levels, in preparation for planting and turfing.

PLANTING

3.01 MATERIALS

a) Quality and Size of Plant Material
All trees supplied above a 25L container size must be grown and planted in accordance with *Clarke, R 1996 Purchasing Landscape Trees: A guide to assessing tree quality. Natspec Guide No. 2.* Certification that trees have been grown to Natspec guidelines is to be provided upon request of Council's Tree Management Officer.
Above - Ground Assessment:
The following plant quality assessment criteria should be followed:
Plant true to type, Good vigour and health, free from pest & disease, free from injury, self-supporting, good stem taper, has been pruned correctly, is apically dominant, has even crown symmetry, free from included bark & stem junctions, even trunk position in pot, good stem structure
Below - Ground Assessment:
Good root division & direction, rootball occupancy, rootball depth, height of crown, non-suckering For further explanation and description of these assessment criteria, refer to Ross Clark's book.
All Plant material shall be to the type and size specified. No substitutions of plant material shall be permitted without written prior approval by the Landscape Architect. No plant shall be accepted which does not conform to the standards listed above.

b) Stakes and Ties
Provide min. 3 No. Stakes and ties to all plants identified as trees in the plant schedule. Stakes shall be sound, unpainted, straight hardwood, free of knots and pointed at one end. They shall be 2200mm x 50mm x 50mm Hardwood, or approved alternative. Ties shall be 50mm wide hessian webbing material.

c) Fertilisers
Fertilisers shall be approved slow release fertilisers suitable for the proposed planting types. Note that for native plants, specifically Proteaceae family plants including Grevillea species, low phosphorus fertilizers shall be used.

d) Mulch
Mulch shall be an approved equal to "Forest Blend" as supplied by ANL. Mulch shall be completely free from any soil, weeds, rubbish or other debris.

e) Turf
Turf shall be "Sir Walter" Buffalo or equivalent (unless stated otherwise), free from any weeds and other grasses, and be in a healthy growing condition.

3.02 INSTALLATION

a) Setting Out
All planting set out shall be in strict accordance with the drawings, or as directed. Note that proposed tree planting located near services should be adjusted at this stage. Notify Landscape Architect for inspection for approval prior to planting.

b) Planting
All plant material shall be planted as soon after delivery as possible. Planting holes for trees shall be excavated as detailed and specified. Plant containers shall be removed and discarded, and the outer roots gently teased from the soil mass. Immediately set plant in hole and backfill with specified soil mix, incorporating the approved quantity of fertiliser for each plant type. Ensure that plants are set plumb vertically and root balls set to the consolidated finished grades detailed on the drawings. Compact the backfilled soil and saturate by hand watering to expel any remaining air pockets immediately after planting.

c) Staking and Tying
Staking and tying shall be in strict accordance with the drawings and shall occur immediately following plant placement and soil backfilling. All plants identified as "Trees" on the planting schedule shall be staked with a min. 3 stakes.

d) Mulching
Mulch should be spread so that a compacted thickness of 75mm is achieved after settlement in all planting beds and around each individual plant. Apply immediately following planting and watering in, ensuring that a 50mm radius is maintained around the trunk of each plant . There shall be no mixing of soil and mulch material.

e) Turfing
Moisten soil prior to the turf being laid. Turf shall be neatly butt jointed and true to grade to finish flush with adjacent surfaces. Incorporate a lawn fertilizer and thoroughly water in. Keep turf moist until roots have taken and sods/rolls cannot be lifted. Keep all traffic off turf until this has occurred. Allow for top dressing of all turf areas. All turf shall be rolled immediately following installation.

f) Brick Edging
The Contractor shall install Brick edging as detailed on the drawings, to all mass planting beds adjoining turf or gravel mulched areas, and where required. The resultant edge shall be true to line and flush with adjacent surfaces.

HARDSCAPE WORKS

4.01 GENERAL

The Contractor shall undertake the installation of all hardscape works as detailed on the drawing, or where not detailed, by manufacturers specification.
- Paving - refer to typical details provided, and applicable Australian Standards. *Permeable paving may be used as a suitable means of satisfying Council permeable surface requirements, while providing a useable, hardwearing, practical surface.* In most instances, the client shall nominate the appropriate paving material to be used.

Australian Standards shall be adhered to in relation to all concrete, masonry & metal work. Some details are typical and may vary on site. All hardscape works shall be setout as per the drawings, and inspected and approved by the Landscape Architect prior to installation. All workmanship shall be of the highest standard. Any queries or problems that arise from hardscape variations should be bought to the attention of the Landscape Architect.
Your attention is directed to any obligations or responsibilities under the Dividing Fences Act, 1991 in respect of adjoining property owner/s which may arise from this application. Any enquiries in this regard may be made to the Crown Lands Division on (02) 8836 5332.

IRRIGATION WORKS

5.01 GENERAL (PERFORMANCE SPECIFICATION)

New irrigation systems to planting areas shall be a Commercial Grade Irrigation System conforming to all relevant Australian standards, including AS 3500 & the Electrical Safety Act 2002, Workplace Health & Safety Act 1995, & the latest Sydney Water Code

An automated drip-irrigation system is to be installed to all gardens, planters and lawn areas in accordance with the approved Irrigation Design.
This system shall be designed and installed by a qualified and licensed irrigation specialist, to the highest industry standards and to maximise the efficient usage of water.
The Installer is required to obtain all approvals necessary for the completion of works in accordance with the Laws of Australia, Laws of the State of NSW, PENRITH Council By-Laws and Ordinances.

Drawings:
- The Landscape Contractor nominated Licensed Irrigation Specialist shall provide irrigation drawings for approval upon engagement.

Design Requirements:
- The irrigation system shall be installed prior to all planting works. It shall incorporate a commercially available irrigation system, with sub-surface dripper lines to irrigate all gardens, planters and lawn areas.
- It shall incorporate a suitable back flow prevention device for the scale of works, an in-line filter, check valves, and suitable high and low density poly hose fittings and PVC piping to achieve flow rates suitable for specified planting.
- The irrigation application rate shall not exceed the infiltration rate of the soil or creates run-off.
- The landscape contractor shall check the existing pressure available from the ring mains and size irrigation piping to suit. Supply shall be from local hose cock where available.
- All piping and fittings shall be buried 50mm below the finished soil levels in garden and lawn areas, and secured in position at 500mm centres with galv wire pins.
- Size of pipes shall be selected to ensure the working pressure at the end of the line does not decrease by more than 5%.

Services Co-ordination:
- Co-ordination required by Landscape Contractor or Project Manager to provide required conduit, pipe work and penetration through slabs and planter walls for water and power provisions.
- The Landscape Contractor shall be engaged with the Irrigation Specialist to co-ordinate with the Project Manager to identify the preferred service and conduit locations.
- Project Manager and Landscape Contractor to establish area suitable for irrigation control system with required area, power provision and water supply.

Testing & Defects:
Upon completion of installation, the system shall be tested, including:
- Main Line Pressure Test: The main line is pressurised to test for leaks. All valves are shut and the pressure is taken over a determined length of time.
- Dripper Pressure Test: Measurement at flushing valves are taken and the pressure gauged to make sure it conforms to the manufacturer recommendations. The inlet pressure is then tested under the same conditions to check it does not exceed 300Kpa.
- All components are to be satisfactorily functional and operational prior to approval. Should any defect develop, or the capacity or efficiency of the system decline during the agreed maintenance system, then these faults shall be immediately rectified.

Warranty :
- A full 12 month warranty shall be included to cover labour and all parts.

Further Documentation:
- On request, a detailed irrigation performance specification report can be issued.

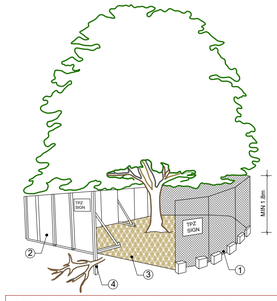
CONSOLIDATION AND MAINTENANCE

6.01 GENERAL

The consolidation and maintenance period shall be 12 months beginning from the approved completion of the specified construction work (Practical Completion). A qualified landscape maintenance contractor shall undertake the required landscape maintenance works. Consolidation and maintenance shall mean the care and maintenance of Contracted works by accepted landscaping or horticultural practices, ensuring that all plants are in optimum growing conditions and appearance at all times, as well as rectifying any defects that become apparent in the contracted works.

This shall include, but not be limited to, the following items where and as required:
- Watering all planting and lawn areas / irrigation maintenance.
- Clearing litter and other debris from landscaped areas.
- Removing weeds, pruning and general plant maintenance.
- Replacement of damaged, stolen or unhealthy plants.
- Make good areas of soil subsidence or erosion.
- Topping up of mulched areas.
- Spray / treatment for Insect and disease control.
- Fertilizing with approved fertilizers at correct rates.
- Mowing lawns & trimming edges each 14 days in summer or 18 days in winter
- Adjusting ties to Stakes
- Maintenance of all paving, retaining and hardscape elements.

On the completion of the maintenance period, the landscape works shall be inspected and at the satisfaction of the superintendent or landscape architect, the responsibility will be signed over to the client.



1. CHAIN WIRE MESH PANELS WITH SHADE CLOTH (IF REQUIRED) ATTACHED, HELD IN PLACE WITH CONCRETE FEET

2. ALTERNATIVE PLYWOOD OR WOODEN PALING FENCE PANELS. THE FENCING MATERIAL ALSO PREVENTS BUILDING MATERIALS OR SOIL ENTERING THE TPZ

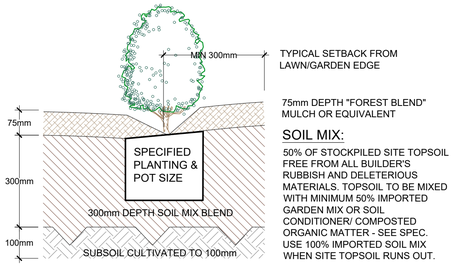
3. MULCH INSTALLATION ACROSS SURFACE OF TPZ (AT THE DISCRETION OF THE PROJECT ARBORIST). NO EXCAVATION, CONSTRUCTION ACTIVITY, GRADE CHANGES, SURFACE TREATMENT OR STORAGE OF MATERIALS OF ANY KIND IS PERMITTED WITHIN THE TPZ

4. BRACING IS PERMISSIBLE WITHIN THE TPZ. INSTALLATION OF SUPPORTS TO AVOID DAMAGING ROOTS

PROVIDE FENCING AS DETAILED TO ALL TREES PROPOSED TO BE RETAINED ON THE SUBJECT SITE. FENCING TO BE LOCATED TO THE DRIP LINE OF TREES OR AS INDICATED ON PLANS OR DIRECTED ON-SITE BY ARBORIST. NO STOCKPILING WITHIN FENCE PERIMETERS.

TREE PROTECTION ZONE

N.T.S



TYPICAL SETBACK FROM LAWN/GARDEN EDGE

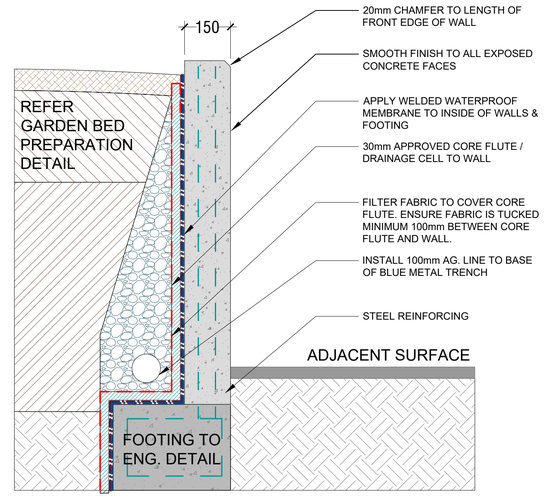
75mm DEPTH "FOREST BLEND" MULCH OR EQUIVALENT

SOIL MIX:

50% OF STOCKPILED SITE TOPSOIL FREE FROM ALL BUILDER'S RUBBISH AND DELETERIOUS MATERIALS. TOPSOIL TO BE MIXED WITH MINIMUM 50% IMPORTED GARDEN MIX OR SOIL CONDITIONER/ COMPOSTED ORGANIC MATTER - SEE SPEC. USE 100% IMPORTED SOIL MIX WHEN SITE TOPSOIL RUNS OUT.

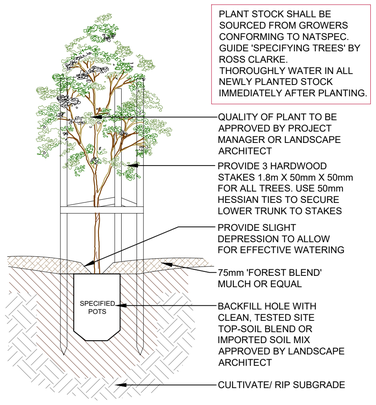
TYPICAL GARDEN PREPARATION DETAIL

SCALE 1:10



TYPICAL IN SITU RETAINING WALL DETAIL

SCALE 1:10



PLANT STOCK SHALL BE SOURCED FROM GROWERS CONFORMING TO NATSPEC. GUIDE 'SPECIFYING TREES' BY ROSS CLARKE. THOROUGHLY WATER IN ALL NEWLY PLANTED STOCK IMMEDIATELY AFTER PLANTING.

QUALITY OF PLANT TO BE APPROVED BY PROJECT MANAGER OR LANDSCAPE ARCHITECT

PROVIDE 3 HARDWOOD STAKES 1.8m X 50mm X 50mm FOR ALL TREES. USE 50mm HESSIAN TIES TO SECURE LOWER TRUNK TO STAKES

PROVIDE SLIGHT DEPRESSION TO ALLOW FOR EFFECTIVE WATERING

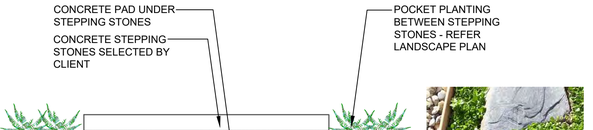
75mm 'FOREST BLEND' MULCH OR EQUAL

BACKFILL HOLE WITH CLEAN, TESTED SITE TOP-SOIL BLEND OR IMPORTED SOIL MIX APPROVED BY LANDSCAPE ARCHITECT

CULTIVATE/ RIP SUBGRADE

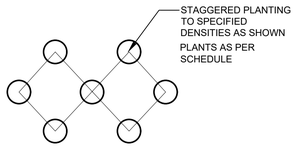
TREE PLANTING DETAIL

SCALE: 1:10



STEPPING STONES IN GROUNDCOVER PLANTING

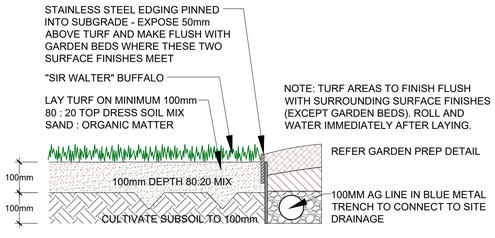
SCALE 1:10



MASS PLANTING SETOUT

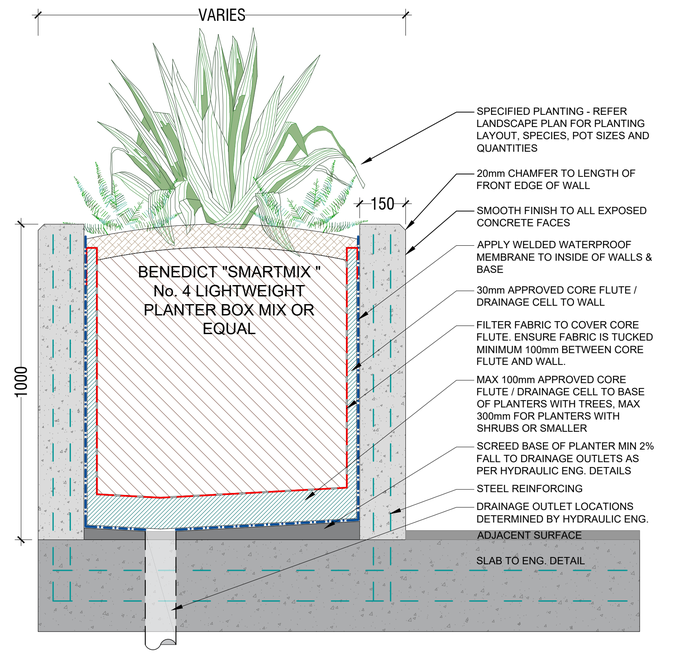
N.T.S

SAMPLE IMAGE: S. STEEL GARDEN EDGING



TURF WITH STEEL EDGE DETAIL

SCALE: 1:10



TYPICAL IN SITU RAISED PLANTER ON SLAB DETAIL

SCALE 1:10

GENERAL NOTE:
Figured dimensions take preference to scale readings. Verify all dimensions on site. PDF'd plans may vary slightly in Scale for that indicated on plans. Report any discrepancies to the Landscape Architect before proceeding with the work.

AILA Associate

www.dialbeforeyoudig.com.au
DIAL 1100 BEFORE YOU DIG

ARCHITECT:

LANDSCAPE ARCHITECT:
Conzept Landscape Architects
Suit 101, 506 Miller Street, CAMMERAY NSW 2062
Phone: 9922 5312
Fax: 8209 4982
Mob: 0413 861 351
www.conzept.net.au
enquiries@conzept.net.au

COUNCIL
PENRITH CITY COUNCIL

CLIENT
WESTERN SYDNEY DEVELOPMENT

REV	DATE	NOTATION/AMENDMENT
A	22.06.16	Preliminary DA prepared for review
B	06.03.17	Co-ordinated with new Architectural Plan
C	15.03.17	Co-ordinated with new Architectural Plan
D	18.04.17	Co-ordinated with new Architectural Plan & Re-design COS area

PROJECT:
PROPOSED RESIDENTIAL APARTMENT DEVELOPMENT
10-14 JOHN TIPPING GROVE, 1-3 DEVILNITS PDE
PENRITH NSW

TITLE:
SPECIFICATION & DETAIL

STATUS: DEVELOPMENT APPLICATION
SCALE: AS NOTED @ A1
DATE: JUNE 2016
DWG.No: LPDA 16 - 507
PAGE NUMBER: 2
DRAWN: D.K
CHECKED: R.F

LANDSCAPE CALCULATIONS

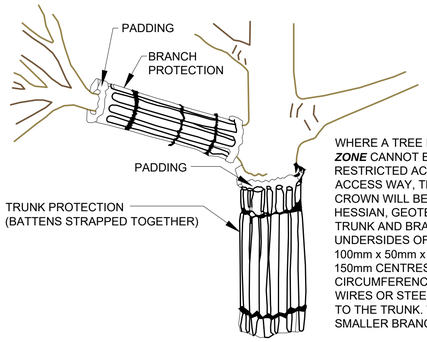
SITE AREA: **4607m²**

REQUIRED LANDSCAPE AREA: **1612.45m² (35%)**
(MINIMUM 2m WIDTH)

PROPOSED LANDSCAPE AREA: **975.3m² (21.2%)**
(NON-COMPLIANT)

LANDSCAPE AREA INCLUDE IN CALCULATION:

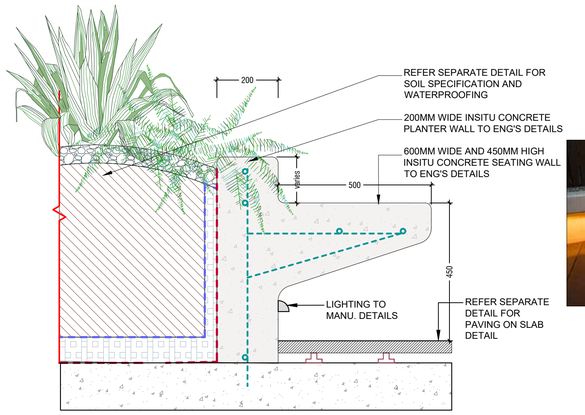
LANDSCAPE AREA NOT INCLUDED IN CALCULATION:
(ON SLAB)



WHERE A TREE IS TO BE RETAINED AND A ***TREE PROTECTION ZONE*** CANNOT BE ADEQUATELY ESTABLISHED DUE TO RESTRICTED ACCESS e.g. TREE LOCATED ALONG SIDE IN AN ACCESS WAY, THE TRUNK AND BRANCHES IN THE LOWER CROWN WILL BE PROTECTED BY WRAPPING 2 LAYERS OF HESSIAN, GEOTEXTILE OR CARPET UNDERFELT AROUND THE TRUNK AND BRANCHES FROM GROUND LEVEL TO THE UNDERSIDES OF THEIR CROWNS TO WHICH LENGTHS OF 100mm x 50mm x 2000mm HARDWOOD TIMBERS, SPACED AT 150mm CENTRES SHALL BE PLACED AROUND ITS CIRCUMFERENCE, AND ARE TO BE SECURED BY 8 GAUGE WIRES OR STEEL STRAPPING AT 300mm SPACING. NO NAILING TO THE TRUNK. THIS SAME METHOD MUST BE USED WHERE SMALLER BRANCH PROTECTION IS REQUIRED

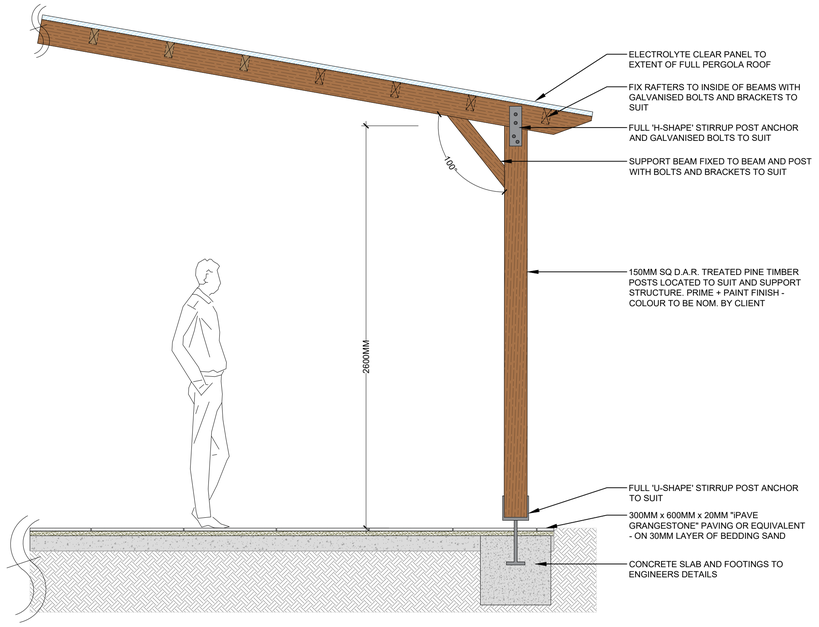
TYPICAL TRUNK PROTECTION WHERE TPZ FENCING NOT PRACTICAL

NTS



INSITU CONCRETE SEATING WALL ON SLAB

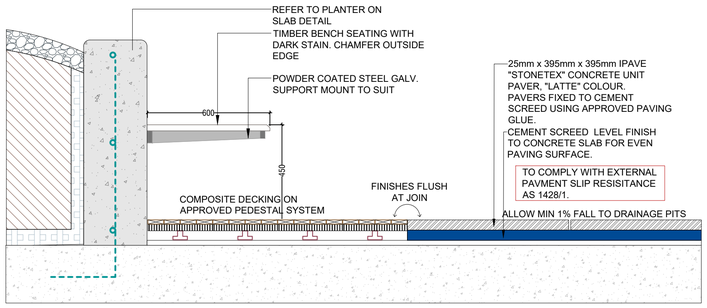
SCALE: 1:10



TYPICAL TIMBER PERGOLA DETAIL

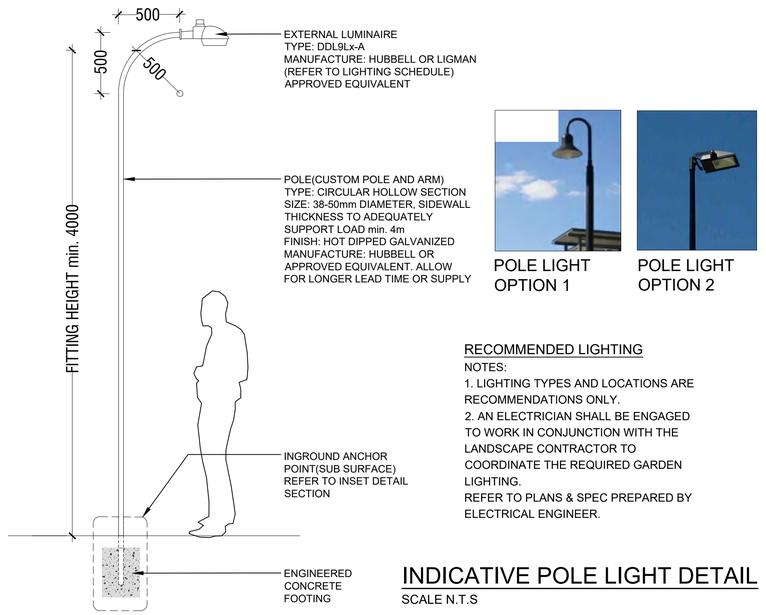
SCALE 1:20

SCREWJACK PEDESTAL



HARDWOOD DECK + PAVING ON SLAB DETAIL

SCALE: 1:10



POLE LIGHT OPTION 1

POLE LIGHT OPTION 2

RECOMMENDED LIGHTING

NOTES:
1. LIGHTING TYPES AND LOCATIONS ARE RECOMMENDATIONS ONLY.
2. AN ELECTRICIAN SHALL BE ENGAGED TO WORK IN CONJUNCTION WITH THE LANDSCAPE CONTRACTOR TO COORDINATE THE REQUIRED GARDEN LIGHTING.
REFER TO PLANS & SPEC PREPARED BY ELECTRICAL ENGINEER.

INDICATIVE POLE LIGHT DETAIL

SCALE N.T.S

ALA Associate

ARCHITECT:

LANDSCAPE ARCHITECT:
Conzept Landscape Architects
Suit 101, 506 Miller Street, CAMMERAY NSW 2062
Phone: 9922 5312
Fax: 8209 4982
Mob: 0413 861 351
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enquiries@conzept.net.au

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PROJECT:
PROPOSED RESIDENTIAL APARTMENT DEVELOPMENT
10-14 JOHN TIPPING GROVE, 1-3 DEVILNITS PDE
PENRITH NSW

TITLE:
DETAIL 2 & SITE CALCULATION

DWG No: LPDA 16 - 507
PAGE NUMBER: 3

STATUS: DEVELOPMENT APPLICATION
SCALE: AS NOTED @ A1
DATE: JUNE 2016
DRAWN: D.K
CHECKED: R.F

PROPOSED RESIDENTIAL DEVELOPMENT

10, 12, 14, 16 John Tipping Grove; 1, 2, 3, De Vilnits Parade

3D VIZUALISATION: MULGOA ROAD

SITE AERIAL
1 : 750

UNITS NUMBER TOTAL	
Type	Count
1BR	12
1BR (Accessible)	12
2BR	90
3BR	4
Studio (1 BR)	1
Grand total: 119	119

COMMUNAL OPEN SPACE			
Level	Name	Area	% of the Site
GROUND LEVEL	Common Area	1131 m²	25
Grand total: 1		1131 m²	25

DEEP SOIL AREA		
Name	Area	% of Site
COMPLIANT DEEP SOIL	325 m²	** 7
DEEP SOIL REDUCED WIDTH	554 m²	11
Grand total: 16	879 m²	18

**As per SEPP65 requirements, more than 7% of the total deep soil landcsape area has a minimum width of 6m.

GROSS FLOOR AREA	
Level	GFA
Ground Level	1828 m²
Level 1	2025 m²
Level 2	1830 m²
Level 3	1845 m²
Level 4	1814 m²
Level 5	1453 m²
	10795 m²

CAR SPACES REQUIRED	
1 Bed units :23	23
2 Bed units :92	92
3 Bed units :4	8
4 Bed units :0	0
Service vehicles (1/40)	3
Car washing (1/50)	3
Visitors (1/5)	24
Grand total	153

CAR SPACES PROVIDED	
Type Comments	Number
BASEMENT 1	
Disabled Car Space	3
Standard Car Space	51
Visitors Car Space	24
78	
BASEMENT 2	
Disabled Car Space	9
Standard Car Space	67
76	
Grand total: 154	

DEVELOPMENT DETAILS		
Site Area		4607m²
Gross Floor Area (GFA)		10795m²
Zoning		R4 - HIGH DENSITY RESIDENTIAL
	Allowable	Proposed
Floor Space Ratio (FSR)*	n/a	2.34:1
Building Height*	18m	22.10m#
Total Stories		6
Communal Open Space % of Site Area^	25%	1131m² 25%
Deep Soil Zones % of Site Area^	7%	325m² 7%
Landscape Area % of Site Area*	35%	2046m² 44%

*LEP REQUIREMENT
^SEPP 65 REQUIREMENT REFER SHEET DA02 FOR DETAILS
#TOP OF LIFT SHAFT/SERVICES CORE PROTRUSION ON THE JOHN TIPPING GROVE TOWER PROVIDES ACCESS TO THE ROOF TERRACE LEVEL, BEING NOM. 4.1m ABOVE THE 18m HEIGHT PLANE AND HAS AN RL 48.950. REFER CLAUSE 4.6 VARIATION REQUEST FOR MORE INFORMATION

ISSUE	DATE	AMENDMENT
3	18/04/2017	DA ISSUE
2	15/03/2017	DA ISSUE
1	29/06/2016	DA ISSUE

LEGENDS / NOTES:

BR	BEDROOM	GAS	GAS CUPBOARD	RWO	RAINWATER OUTLET
COM	COMMS CUPBOARD	GD	GRATED DRAIN	SWP	STORM WATER PIT
DP	DOWNPIPE	GEX	GARBAGE EXHAUST	TOH	TOP OF HOB
E	ELECTRICAL CUPBOARD	MBX	MAILBOX	TOW	TOP OF WALL
FHR	FIRE HOSE REEL	RL	RELATIVE LEVEL	TTI	TACTILE INDICATORS

SCALE BAR

NORTH POINT

PROJECT
PROPOSED RESIDENTIAL FLAT BUILDING

ADDRESS
10-16 JOHN TIPPING GROVE & 1-3 DEVILNITS PARADE, PENRITH

CLIENT
CBG GROUP

MORSON GROUP
NOMINATED ARCHITECT – P F MORSON
REGISTRATION NUMBER 8100
ACN 159 480 056, ABN 41 159 480 056
www.morsongroup.com
(02) 9360 4949
PO Box 170, Ports Point, NSW 1335

SHEET SIZE: A1
SCALE: As indicated
DATE: Jun 2016

SHEET NAME: **DEVELOPMENT DETAILS**

DRAWING NUMBER: **DA01**
ISSUE NO.: **3**