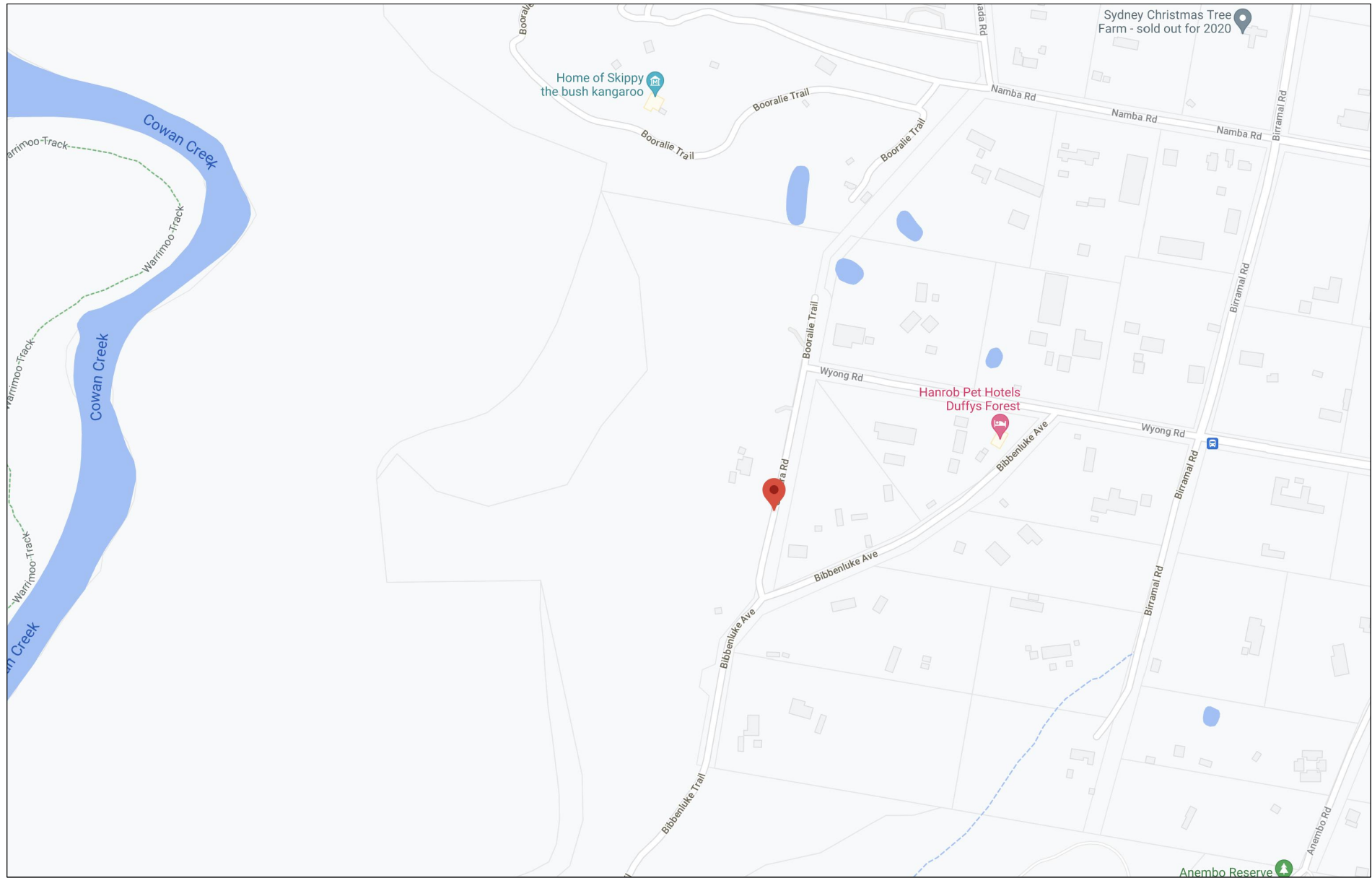




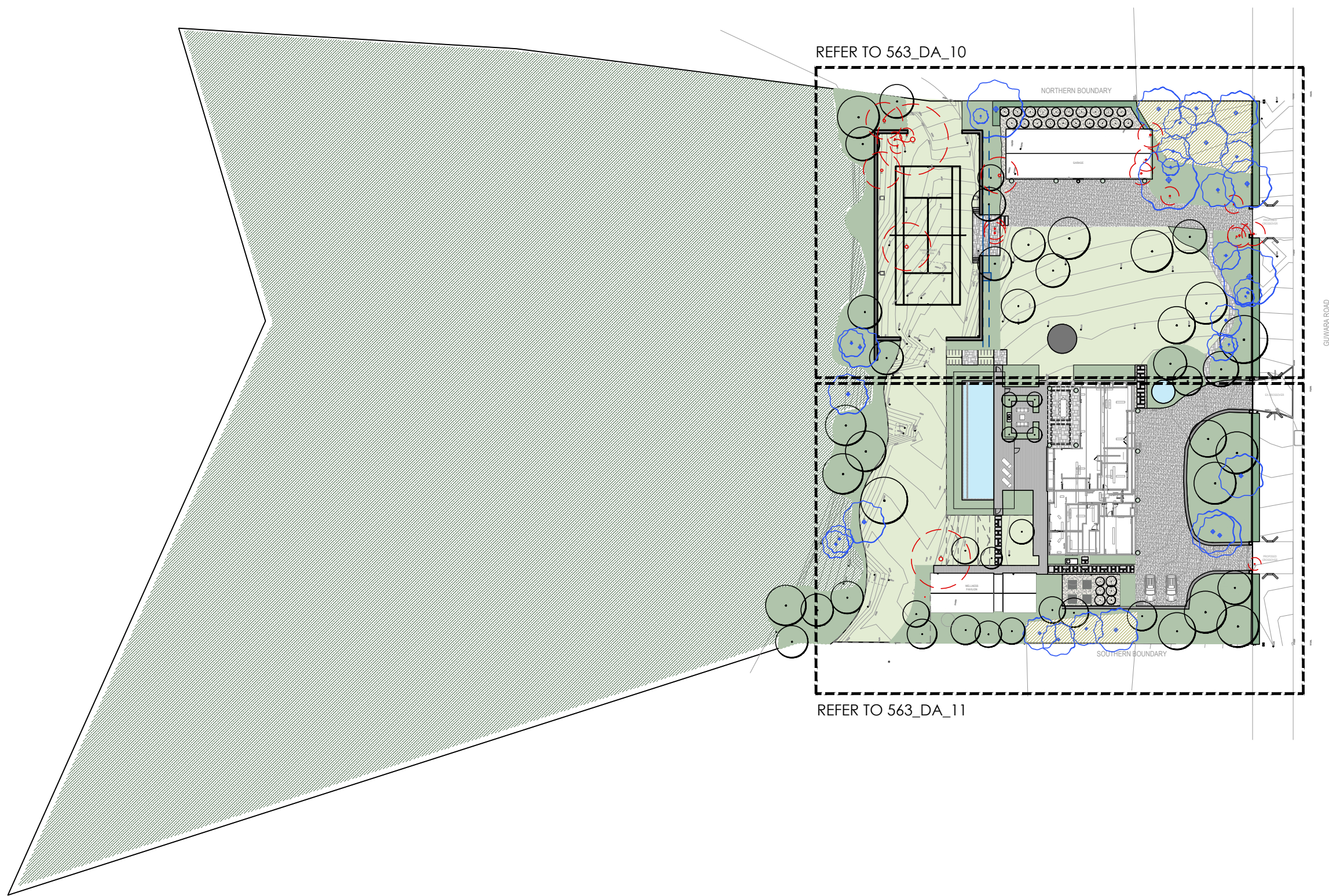
SITE LOCATION
NTS | GOOGLE MAPS

DRAWING SCHEDULE

536_DA_01	COVER PAGE
536_DA_02	PLANT SCHEDULE
536_DA_10	LANDSCAPE PLAN - NORTH
536_DA_11	LANDSCAPE PLAN - SOUTH
536_DA_40	TYPICAL DETAILS
536_DA_50	GENERAL SPECIFICATION

ARBORICULTURE TREE REFERENCE

TREES		
TREE ID	TREE SPECIES	RECOMMENDATIONS
1	Banksia serrata	Retain and Protect
2	Banksia serrata	Retain and Protect
3	Banksia serrata	Retain and Protect
4	Banksia serrata	Retain and Protect
5	Banksia serrata	Retain and Protect
6	Corymbia gummifera	Retain and Protect
7	Banksia serrata	Retain and Protect
8	Banksia serrata	Remove
9	Banksia serrata	Remove
10	Angophora costata	Remove
11	Banksia serrata	Remove
12	Eucalyptus capitellata	Retain and Protect
13	Eucalyptus haemastoma	Retain and Protect
14	Banksia serrata	Remove
15	Eucalyptus haemastoma	Retain and Protect
16	Eucalyptus haemastoma	Retain and Protect
17	Banksia serrata	Remove
18	Eucalyptus haemastoma	Remove
19	Banksia serrata	Remove
20	Eucalyptus haemastoma	Retain and Protect
21	Banksia serrata	Retain and Protect
22	Eucalyptus haemastoma	Remove
23	Eucalyptus sieberi	Remove
24	Eucalyptus sieberi	Remove
25	Eucalyptus sieberi	Remove
26	Banksia serrata	Remove
27	Banksia serrata	Remove
28	Banksia serrata	Remove
29	Eucalyptus sieberi	Remove
30	Banksia serrata	Remove
31	Eucalyptus haemastoma	Remove
32	Eucalyptus haemastoma	Retain and Protect
33	Eucalyptus haemastoma	Retain
34	Eucalyptus haemastoma	Retain
35	Eucalyptus haemastoma	Retain
36	Eucalyptus capitellata	Retain
37	Corymbia gummifera	Retain
38	Eucalyptus haemastoma	Remove
39	Allocasuarina littoralis	Remove



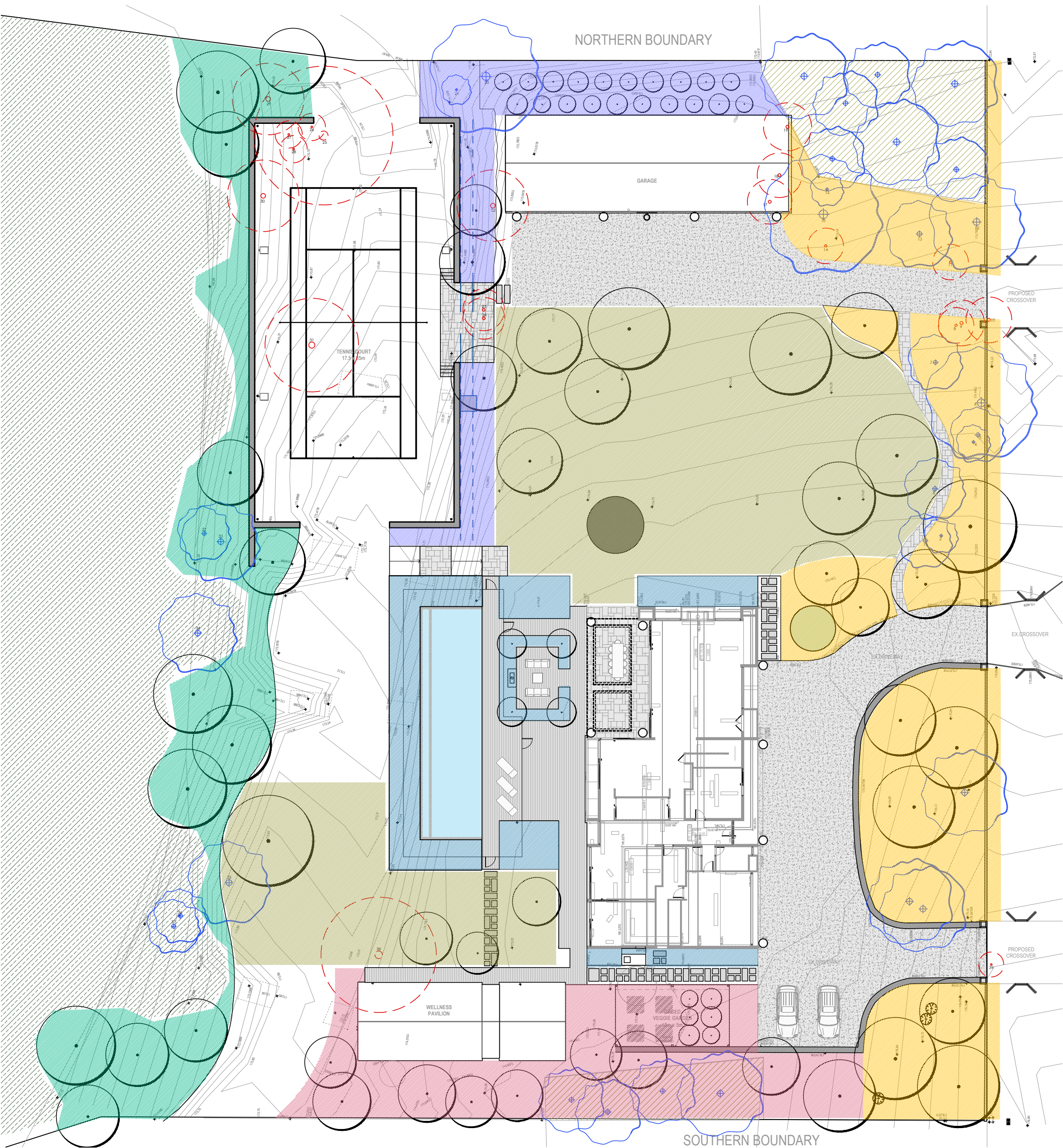
SITE PLAN
1:750 @ A1

GENERAL NOTES

- ALL LANDSCAPE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE ARCHITECT'S AND ADDITIONAL CONSULTANT'S DRAWINGS, SPECIFICATIONS AND REPORTS
- ALL PUBLIC UTILITY SERVICES ARE TO BE LOCATED ON SITE BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORKS. THE LOCATION, PRESENCE AND EXTENT OF SERVICES SHOWN ARE NOT GUARANTEED COMPLETE OR CORRECT
- PERFORM EXCAVATION IN THE VICINITY OF UNDERGROUND UTILITIES WITH CARE AND IF NECESSARY, BY HAND. THE CONTRACTOR BEARS FULL RESPONSIBILITY FOR THIS WORK AND DISRUPTION OR DAMAGE TO UTILITIES SHALL BE REPAIRED IMMEDIATELY AT NO EXPENSE TO THE OWNER
- NO TREES PROTECTED UNDER THE LOCAL COUNCIL'S TREE PRESERVATION ORDER ARE TO BE REMOVED UNLESS APPROVED BY DEVELOPMENT CONSENT OR PERMIT OBTAINED FROM COUNCIL
- ALL PAVING IS INDICATIVE, TO BE TO FUTURE SPECIFICATION, AND SET OUT ON SITE
- ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE LOCAL COUNCIL'S APPROVAL, STANDARDS AND CODES
- THE CONTRACTOR IS TO ENSURE THAT ALL THE WORKS ARE CARRIED OUT IN ACCORDANCE WITH THE WORK HEALTH AND SAFETY ACT
- MBD TO REVIEW PLANT MATERIALS AT SOURCE OR BY PHOTOGRAPHS PRIOR TO PURCHASE AND DELIVERY
- EXACT LOCATIONS OF NEW PLANT MATERIAL TO BE SETOUT AND APPROVED BY THE MBD ONSITE PRIOR TO INSTALLATION. MBD RESERVES THE RIGHT TO ADJUST PLANTS TO EXACT LOCATION ONSITE

DRAINAGE AND IRRIGATION NOTES

- REFER TO CIVIL ENGINEER'S UTILITY AND DRAINAGE PLANS FOR UTILITY LOCATION AND DRAINAGE INFORMATION.
- REQUIREMENTS FOR LANDSCAPE DRAINAGE TO BE CONFIRMED ONSITE UNLESS OTHERWISE SHOWN ON THE LANDSCAPE PLANS
- TREE PITS THAT HAVE BEEN EXCAVATED INTO HEAVY EARTH OR STONE TO CONTAIN A RING OF AG PIPE LAID AT THE INVERT OF THE PIT WITHIN A MINIMUM 200mm LAYER OF FREE DRAINING MATERIAL. AG PIPE TO BE CONNECTED TO A DRAINAGE OUTLET (REFER TO TYPICAL TREE PIT DRAINAGE SECTION)
- ALL POTS TO HAVE AN IRRIGATION ALLOWANCE (SHRUBBLERS OR DRIP)
- FOR POTS LOCATED ON PAVED SURFACES, TYPICAL PAVING IRRIGATION DETAIL TO BE USED AS SHOWN
- POTS ADJACENT TO GARDEN BEDS TO BE IRRIGATED VIA IN GARDEN IRRIGATION SYSTEM
- ALL LAWN AREAS TO HAVE POPUP ROTORS
- ALL GARDEN BEDS TO HAVE FIXED SOLID RISERS WITH SPRAYS



PLANTING KEY PLAN
SCALE 1:300 @ A1

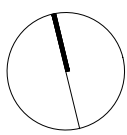
- LEGEND
- ZONE 1
 - ZONE 2
 - ZONE 3
 - ZONE 4
 - ZONE 5
 - ZONE 6

PLANT SCHEDULE

TREES											
CODE	BOTANIC NAME	COMMON NAME	ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5	ZONE 6	POT SIZE	MATURE HEIGHT	NOTES
BS *	Banksia serrata	Old man Banksia	●		●		●		150ltr	10m	
CA	Cupaniopsis anacardioides	Tuckeroo	●		●			●	200ltr	8m	
FA	Flindersia australis	Native Teak	●		●	●	●	●	150ltr	15m	
QP	Quercus palustris	Pin Oak	●			●	●	●	200ltr	16m	
MQ *	Melaleuca quinquenervia	Paper Bark Tree			●		●		100ltr	18m	
OE	Olea europaea	Olive Tree		●		●			200ltr	8m	
UP	Ulmus parvifolia	Chinese Elm				●		●	150ltr	12m	
OS	Orchard Species				●	●			100ltr	Varies	Client to confirm specis selection
SHRUBS											
CODE	BOTANIC NAME	COMMON NAME	ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5	ZONE 6	POT SIZE	MATURE HEIGHT	NOTES
Em	Elaeagnus macrophylla	Russian Olive	●						300mm	3m	Hedge to eastern boundary
Pt	Pittosporum tobira	Japanese Cheesewood		●		●			200mm	1.5m	
Ri	Rhaphiolepis indica	Indian Hawthorne	●		●	●			200mm	1.2m	
Wf	Westringia fruticosa	Westringia	●		●				200mm	1.5m	
PERENNIALS											
CODE	BOTANIC NAME	COMMON NAME	ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5	ZONE 6	POT SIZE	MATURE HEIGHT	NOTES
Lt *	Lomandra longifolia	Spiny headed mat rush		●			●		200mm	0.6m	
Ms	Miscanthus sinesis 'Sarabande'	Feather Grass			●	●			200mm	1.5m	
Sc	Santolina chamaecyparissus	Cotton lavender	●		●				140mm	0.5m	
GROUNDCOVERS & CLIMBERS											
CODE	BOTANIC NAME	COMMON NAME	ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5	ZONE 6	POT SIZE	MATURE HEIGHT	NOTES
Jc	Juniperus communis 'Repanda'	Repanda juniper			●		●		140mm	Groundcover	
Mt *	Melaleuca thymifolia	Thyme Scented Melaleuca					●		140mm	Groundcover	
Rp	Rosmarinus prostratus officinalis	Creeping rosemary	●		●	●			140mm	Groundcover	
Ta	Trachelospermum asiaticum	Asiatic jasmine	●	●					140mm	Groundcover	
Tj	Trachelospermum jasminoides	Jasmine	●	●					140mm	Climber	
Xp *	Xanthosia pilosa	Wolly xanthosia					●		140mm	Groundcover	
NOTE * Native planting in accordance with Pittwater Native communities											

NOTES

- ALL MATURE TREES TO BE SOURCED AND SUPPLIED BY MYLES BALDWIN DESIGN
- THE PLANT SCHEDULE IS CALCULATED BASED OFF THE LANDSCAPE PLANS PROVIDED BY MBD. ADDITIONAL PLANTS OUTSIDE OF THIS SCHEDULE MAY BE REQUIRED TO REACH THE DESIRED PLANT DENSITIES ONSITE
- ALL PLANT MATERIAL TO BE SETOUT ONSITE BY MYLES BALDWIN DESIGN PRIOR TO INSTALLATION
- ALL PLANTING TO COMPLY WITH LOCAL BUSH FIRE REGULATIONS AND ASSOCIATED BUSH FIRE REPORT

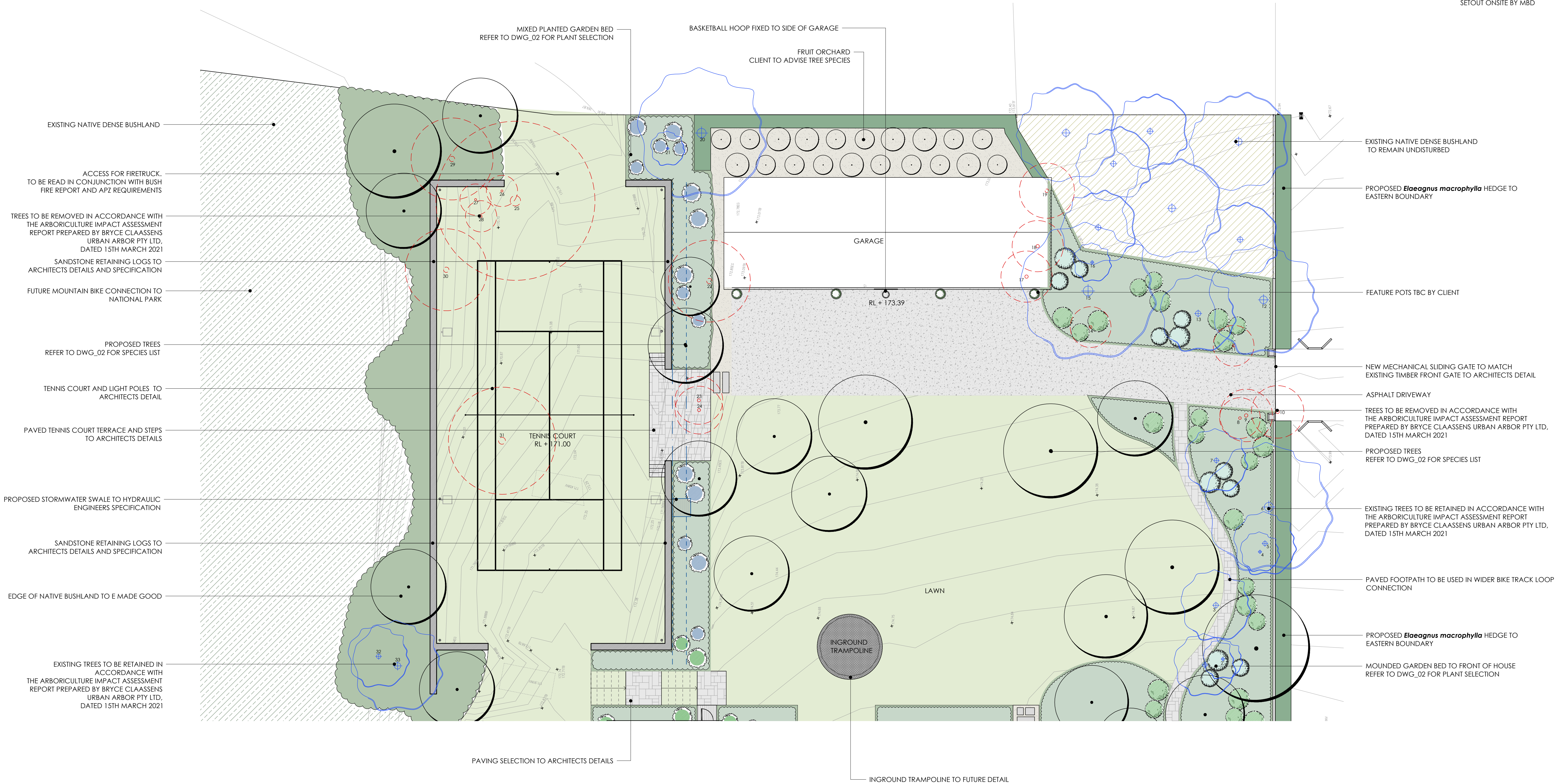


LEGEND

- PROPOSED TREE
- EXISTING TREE
- EXISTING TREE TO BE REMOVED
- MIXED PLANTED GARDEN BEDS

NOTES

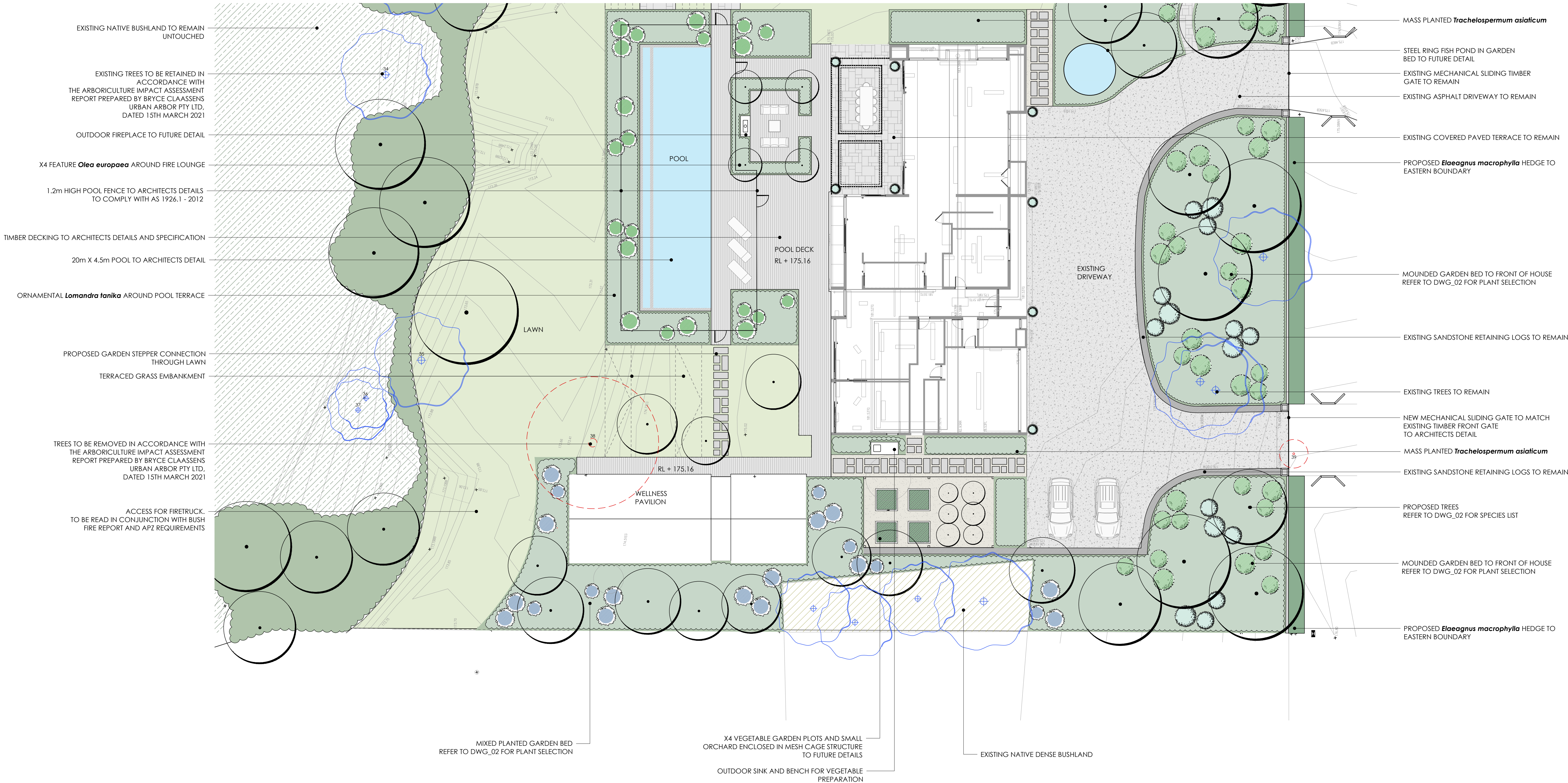
- ALL MATURE TREES TO BE SETOUT ONSITE BY MBD



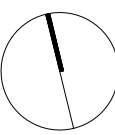
- LEGEND
- PROPOSED TREE
 - EXISTING TREE
 - EXISTING TREE TO BE REMOVED
 - MIXED PLANTED GARDEN BEDS

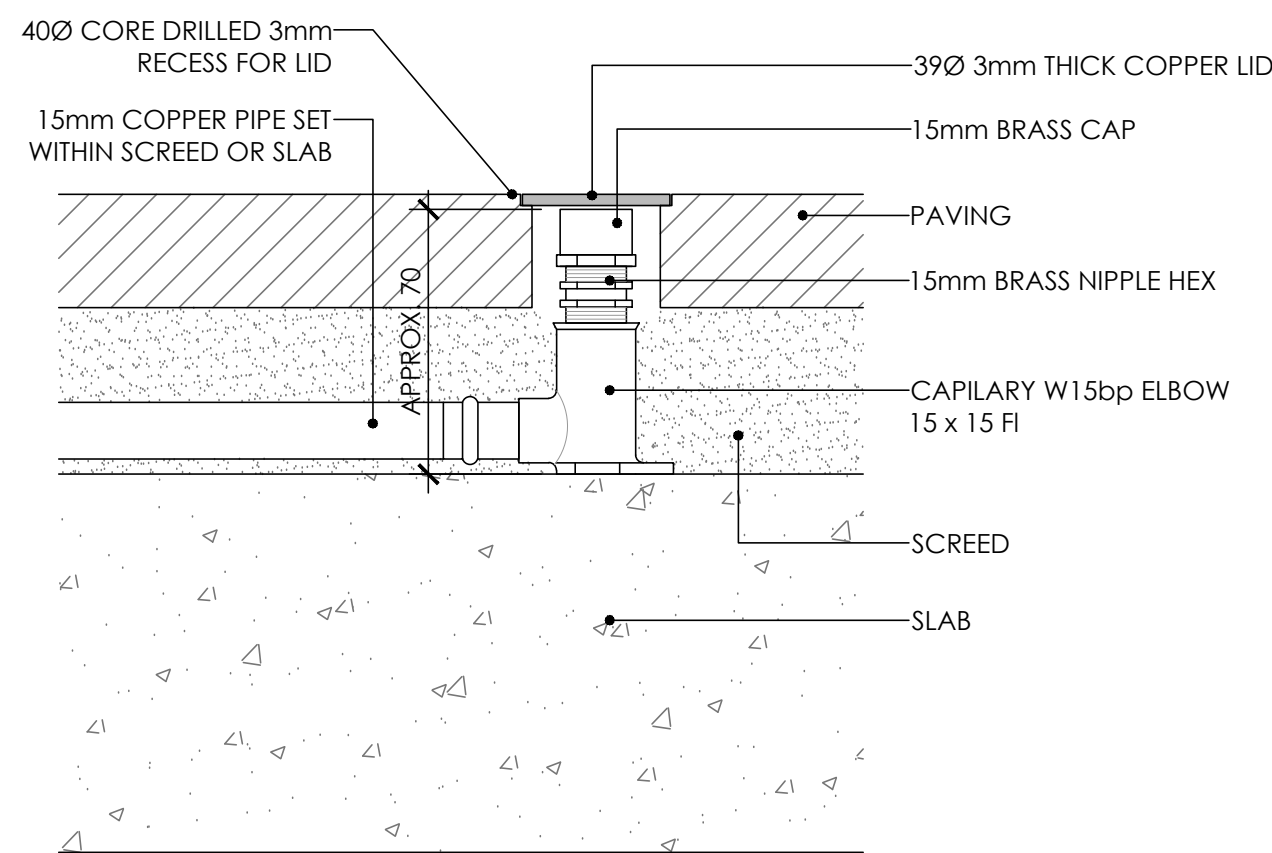
NOTES

- ALL MATURE TREES TO BE SETOUT ONSITE BY MBD

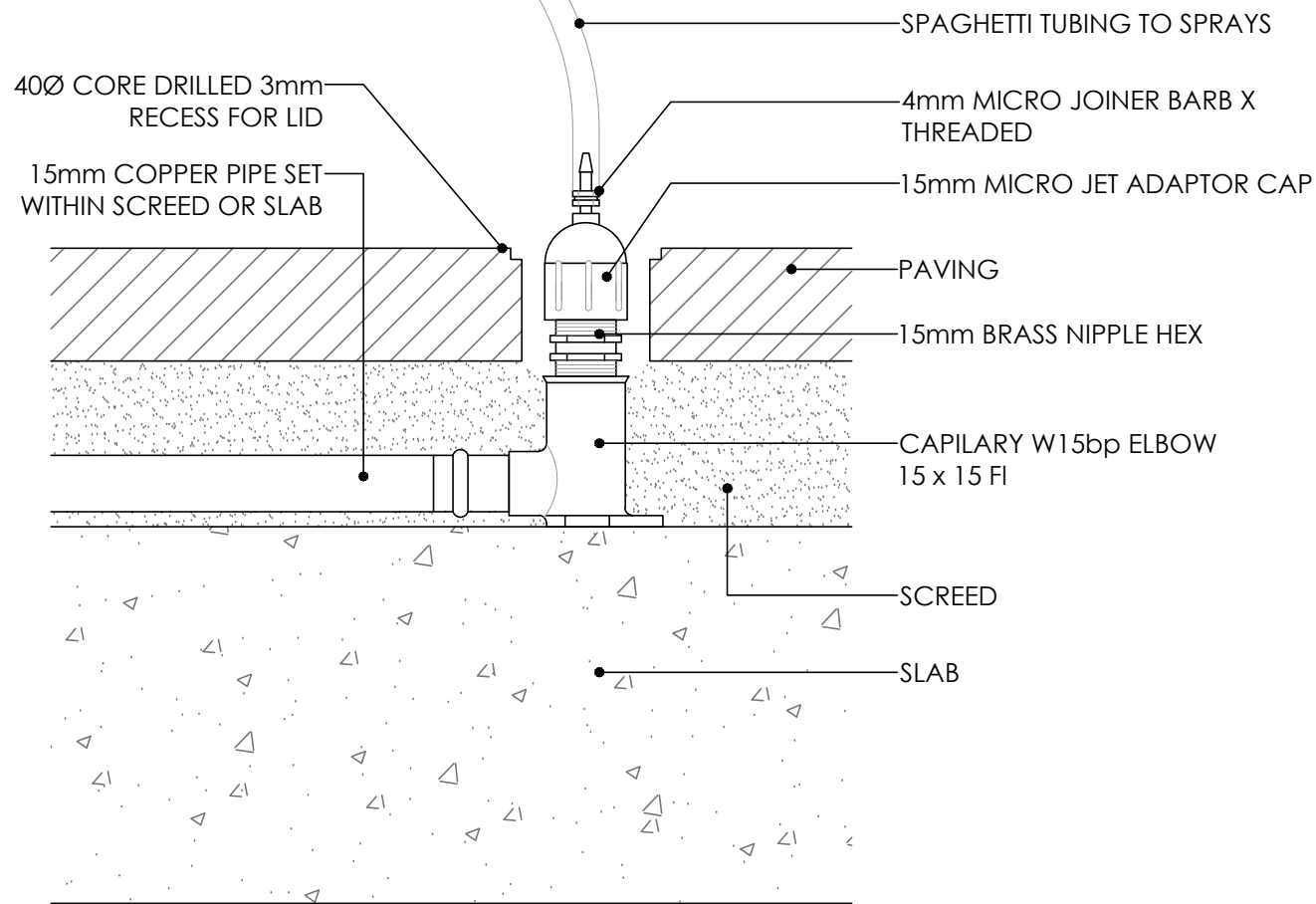


SCALE 1:150

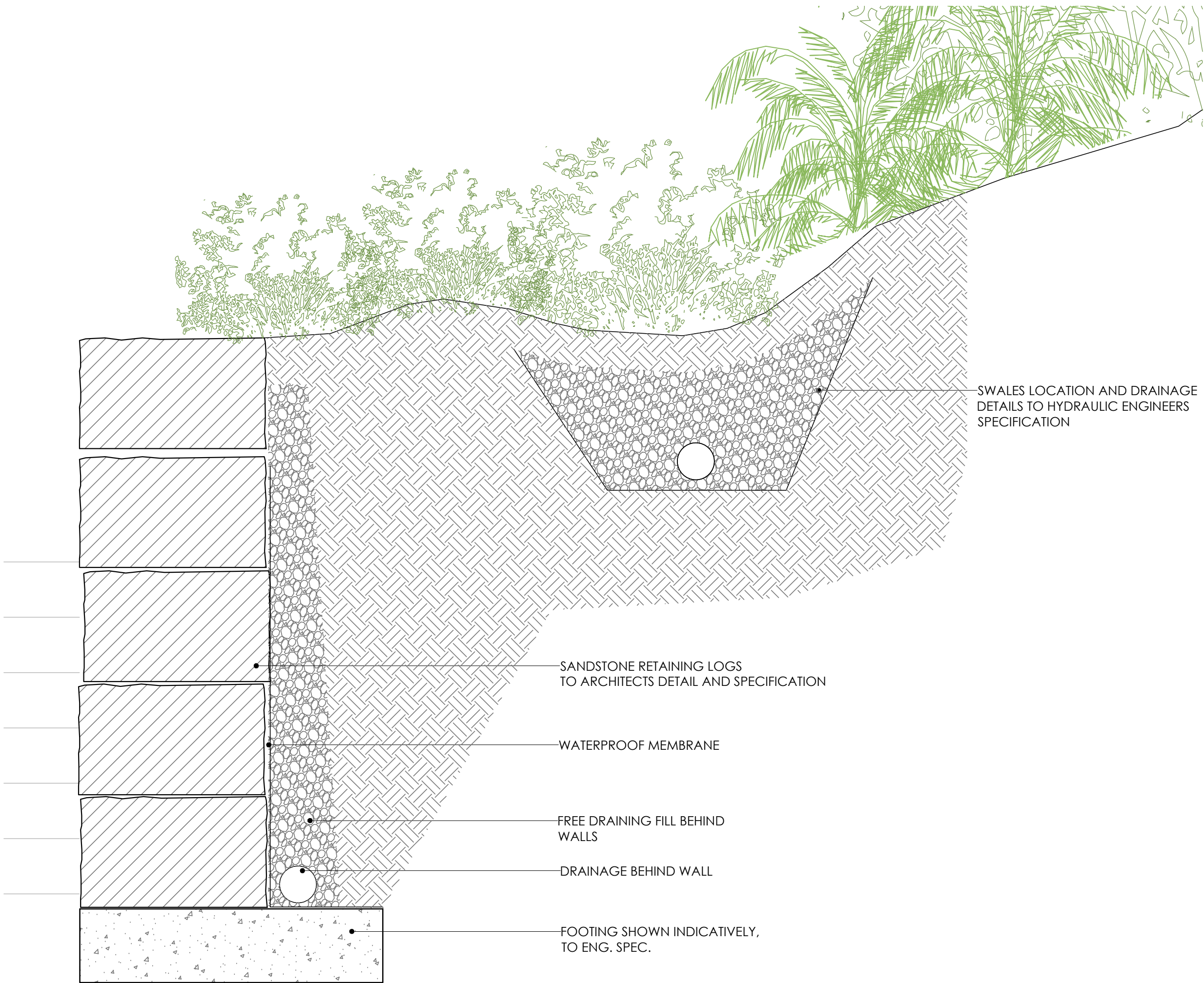




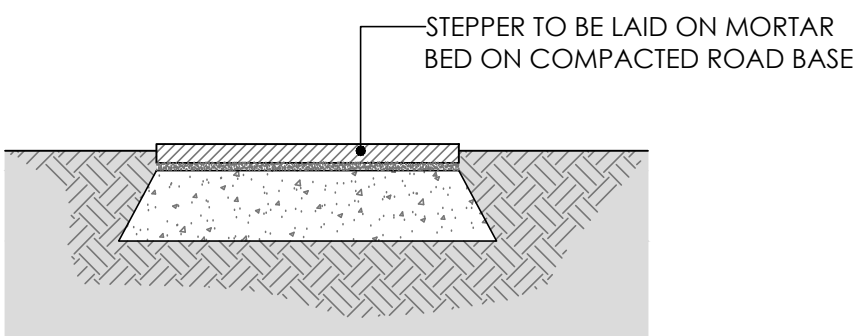
TYPICAL PAVING IRRIGATION CLOSED
SCALE 1:2 @ A1



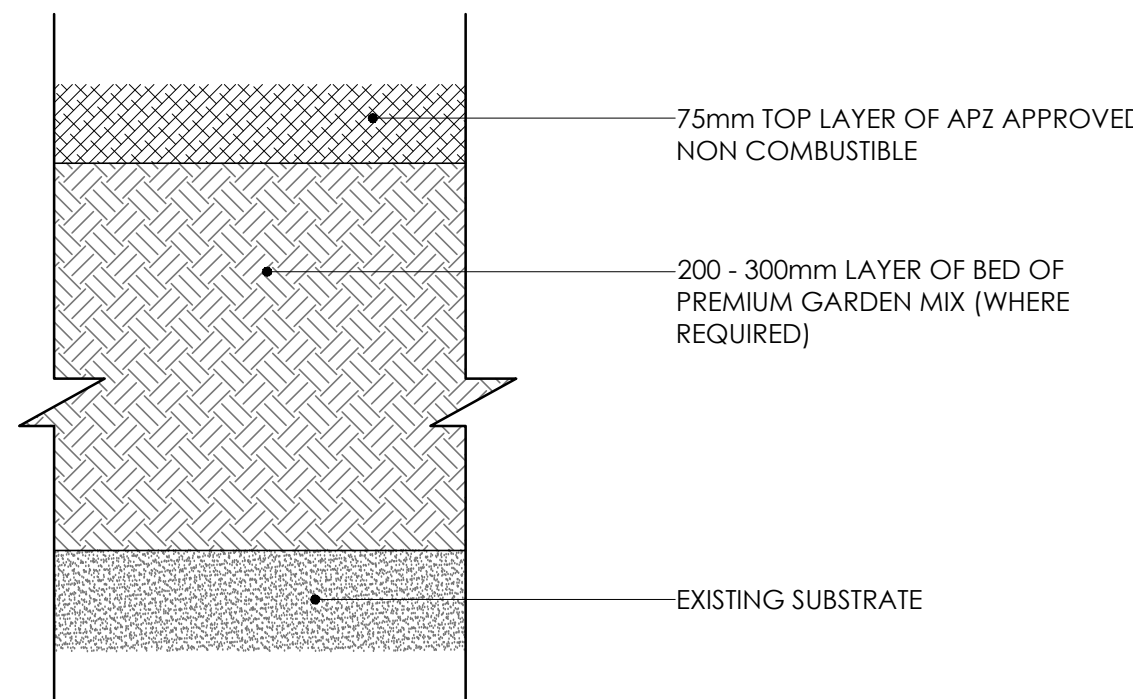
TYPICAL PAVING IRRIGATION OPEN
SCALE 1:2 @ A1



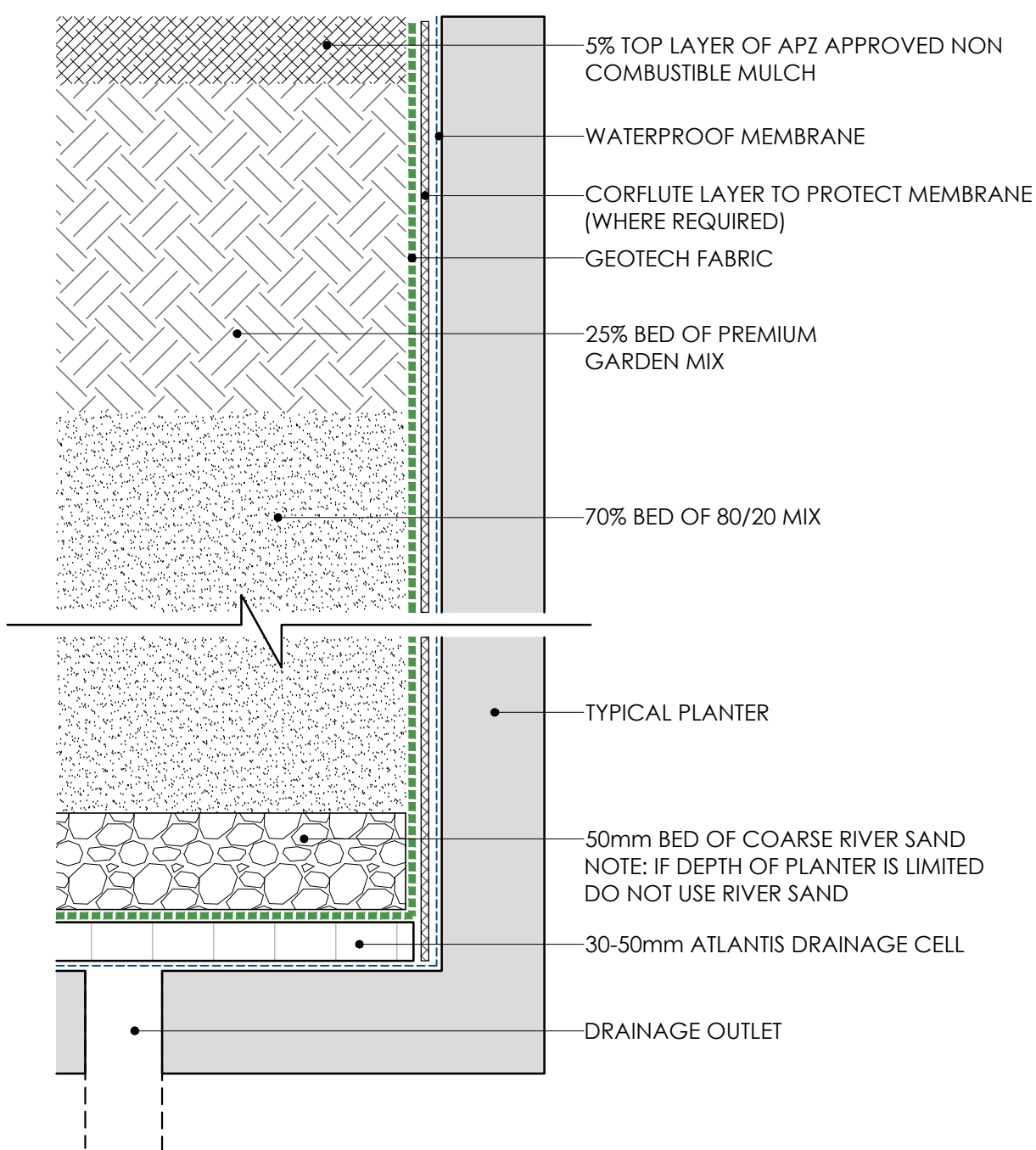
LANDSCAPE SWALE
SCALE 1:10 @ A1



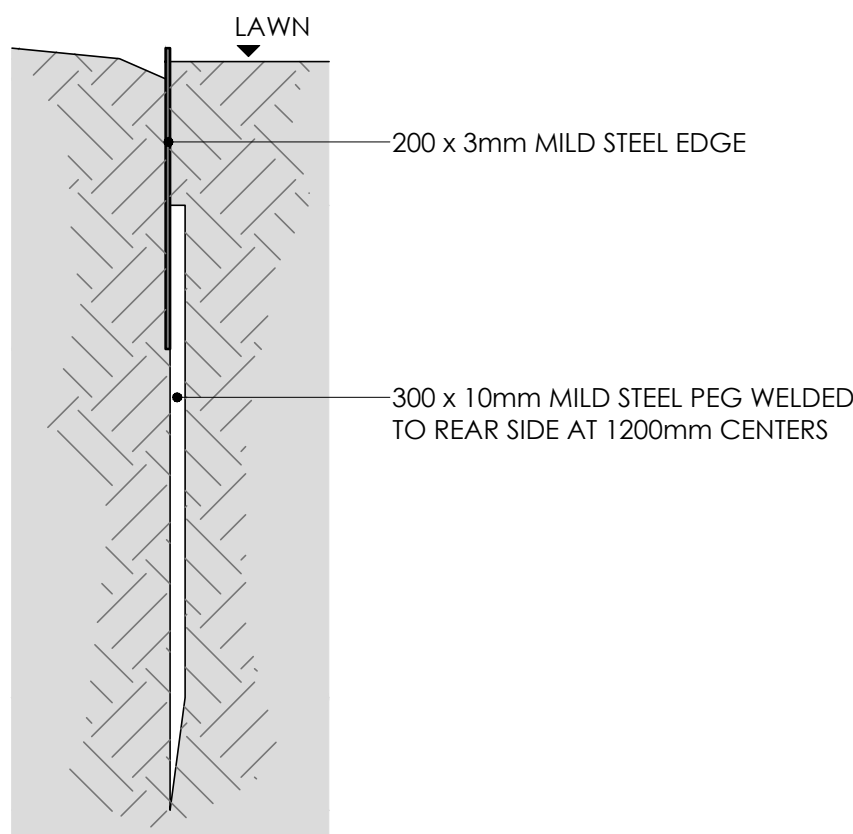
TYPICAL GARDEN STEPPER
SCALE: 1:10 @ A1



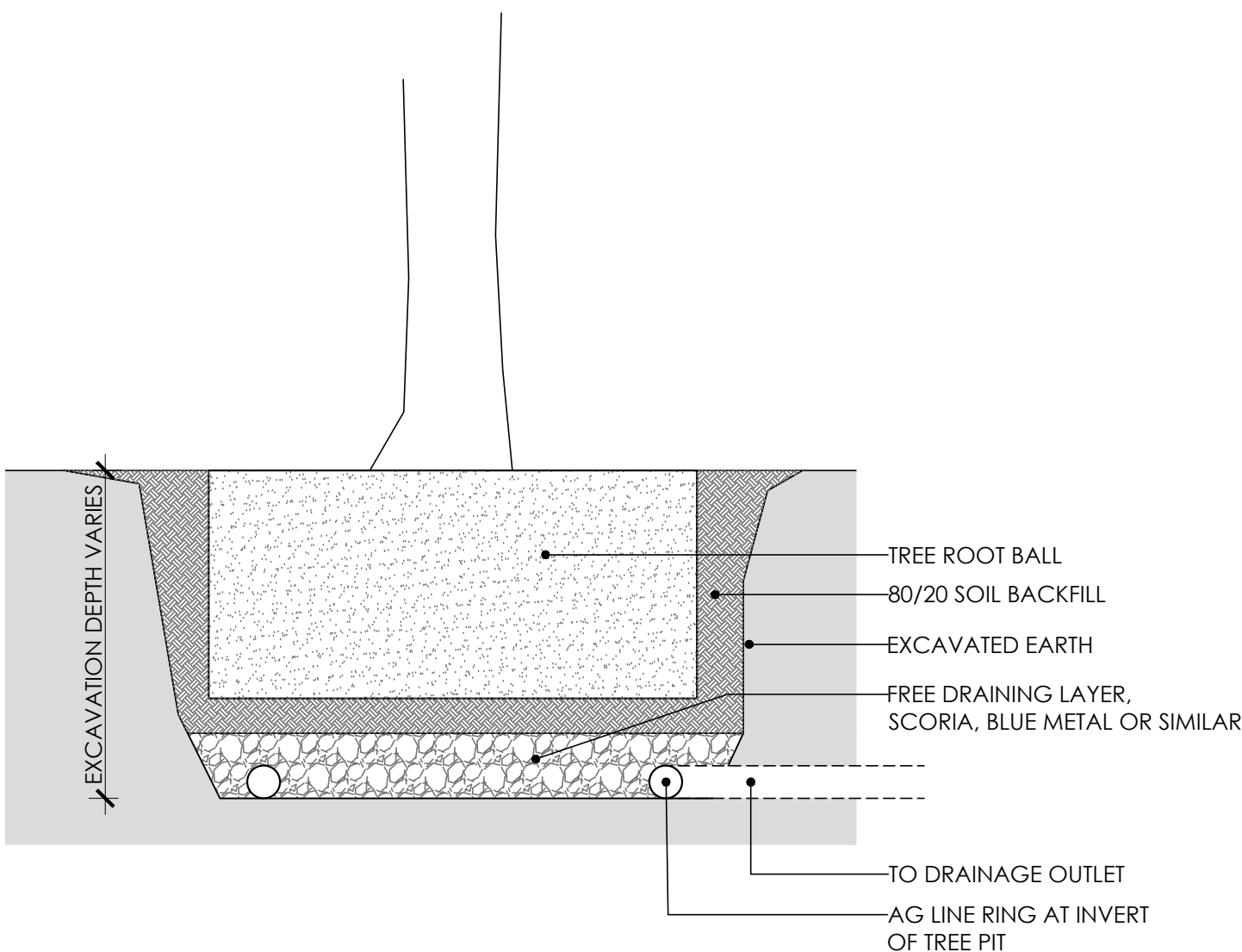
TYPICAL GARDEN SOIL PROFILE
SCALE: 1:5 @ A1



TYPICAL PLANTER SOIL PROFILE
SCALE: 1:5 @ A1



TYPICAL STEEL EDGE
SCALE 1:5 @ A1



TYPICAL TREE PIT DRAINAGE
SCALE 1:20 @ A1

GENERAL SPECIFICATION NOTES

1.0 Standards

- 1.1 Soils
- Site and imported topsoil: To AS 4419.
 - Potting mixes: To AS 3743.
 - Composts, soil conditioners and mulches: To AS 4454.

2.0 Products

2.1 Material

Topsoil

- Source: Provide topsoil, which contains organic matter, will support plant life and is free from stones, contaminants and weeds.
- Site: If available, provide material recovered from the site.

Turf

- Supplier: Obtain turf from a specialist grower of cultivated turf.
- Quality: Provide turf of even thickness, free from weeds and other foreign matter.

Fertiliser

- General: Provide proprietary fertilisers, delivered to the site in sealed bags marked to show manufacturer or vendor, weight, fertiliser type, N:P:K ratio, recommended uses and application rates.

Plants

- Health: Supply plants with foliage size, texture and colour at time of delivery consistent with the size, texture and colour shown in healthy specimens of the nominated species.
- Vigour: Supply plants with extension growth consistent with that exhibited in vigorous specimens of the species nominated.
- Damage: Supply plants free from damage and from restricted habit due to growth in nursery rows.
- Pests and disease: Supply plants with foliage free from attack by pests or disease.

3.0 Execution

3.1 Preparation

Weed eradication

- Herbicide: Eradicate weeds with a non-residual glyphosate herbicide in any of its registered formulae, at the recommended maximum rate.

Earth mounds

- Placing: Place clean filling in layers approximately 150 mm thick compacted to 85% of the dry density ratio of the surrounding soil as determined by AS 1289.5.4.1. Minimise slumping and further internal packing down.

Edges

- Construct changes in grade over a minimum width of 500 mm to smooth, gradual and rounded profiles with no distinct joint.

Existing trees

- Maintain the natural ground level under the canopy.

Planting beds

- Excavated: Excavate to bring the subsoil to at least 300 mm below finished design levels. Shape the subsoil to fall to subsoil drains where applicable. Break up the subsoil to a further depth of 100 mm.
- Unexcavated: Remove weeds, roots, building rubbish and other debris. Bring the planting bed to 75 mm below finished design levels.
- Services and roots: Do not disturb services or tree roots; if necessary cultivate these areas by hand.

Placing topsoil

- General: Spread the topsoil on the prepared subsoil and grade evenly, making the necessary allowances to permit the following:
- Required finished levels and contours may be achieved after light compaction.
- Grassed areas may be finished flush with adjacent hard surfaces such as kerbs, paths and mowing strips.

Topsoil depths

- General: Spread topsoil to the following typical depths:
- Excavated planting areas: If using organic soil, 300 mm. Refer to typical soil profile detail.
- Irrigated grassed areas generally: 150 mm.
- Irrigated grassed areas, heavy use (e.g. playing fields, playgrounds, and public parks): 200 mm.

3.2 Turfing

General

- Supply: Deliver the turf within 24 hours of cutting, and lay it within 36 hours of cutting. Prevent the turf from drying out between cutting and laying. If it is not laid within 36 hours of cutting, roll it out on a flat surface with the grass up, and water as necessary to maintain a good condition.
- Laying: Lay the turf in the following manner:
 - In stretcher pattern with the joints staggered and close butted.
 - Parallel with the long sides of level areas, and with contours on slopes.
 - To finish flush, after tamping, with adjacent finished surfaces of ground, paving edging, or grass seeded areas.
- Tamping: Lightly tamp to an even surface immediately after laying. Do not use a roller.
- Fertilising: Mix the fertiliser thoroughly into the topsoil before placing the turf. Apply lawn fertiliser at the completion of the first and last mowings, and at other times as required to maintain healthy grass cover.
- Watering: Water immediately after laying until the topsoil is moistened to its full depth. Continue watering to maintain moisture to this depth.
- Levels: Where levels have deviated from the design levels after placing and watering, lift turf and re-grade topsoil to achieve design levels.

3.3 Planting

General

- Individual plantings in grassed areas: Excavate a hole to twice the diameter of the root ball and at least 100 mm deeper than the root ball. Break up the base of the hole to a further depth of 100 mm, and loosen compacted sides of the hole to prevent confinement of root growth.
- Watering: Thoroughly water the plants before planting, immediately after planting, and as required to maintain growth rates free of stress.
- Placing: Remove the plant from the container with minimum disturbance to the root ball, ensure that the root ball is moist and place it in its final position, in the center of the hole and plumb, and with the top soil level of the plant root ball level with the finished surface of the surrounding soil.
- Fertilising plants: In planting beds and individual plantings, place fertiliser pellets around the plants at the time of planting.
- Backfilling: Backfill with topsoil mixture. Lightly tamp and water to eliminate air pockets.

3.4 Mulching

Placing mulch

- General: Place mulch to the required depth, clear of plant stems, and rake to an even surface flush with the surrounding finished levels. Spread and roll mulch so that after settling, or after rolling, it is smooth and evenly graded between design surface levels sloped towards the base of plant stems in plantation beds, and not closer to the stem than 50 mm in the case of gravel mulches.
- Depths: Spread organic mulch to a depth of 75 mm, and gravel mulch to a depth of 50 mm.

3.5 Stakes and ties

Stakes

- Material: Hardwood, straight, free from knots or twists, pointed at one end.
- Installation: Drive stakes into the ground at least one third of their length, avoiding damage to the root system.

Ties

- General: Provide 50 mm hessian webbing ties fixed securely to the stakes, one tie at half the height of the main stem, others as necessary to stabilise the plant.

3.6 Watering

Establishment

- Extent: Available soil moisture content of grass areas and garden beds to be monitored on a weekly basis using an approved moisture probe and water applied on a demand basis. Readings should be taken at a depth of 200-300mm.
- All grass areas and garden beds should be maintained within a range of 50-80% available soil moisture. Under no circumstance should areas under irrigation fall below a level of 30% available soil moisture.
- No visible signs of wilting of leaves or stems, with all plants fully turgid at all times.
- No sign of over-watering such as constantly wet soil, brown leaf margins, stem rot or brown spots on foliage.

3.7 Completion

Cleaning

- Stakes and ties: Remove those no longer required at the end of the planting establishment period.
- Temporary fences: Remove temporary protective fences at the end of the planting establishment period.

4.0 Establishment & defects liability

4.1 Establishment

General

- All landscaping works will have an establishment period of 26 weeks in which the subcontractor will be responsible for the maintenance and upkeep of the contracted scope, unless otherwise noted in the project documentation. If applicable refer to the project manager / builder for confirmation.

4.2 Defects Liability Period

General

- All landscaping works will be subject to a defects liability period of 52 weeks, commencing from the date of Practical Completion, unless otherwise noted in the project documentation. If applicable refer to the project manager / builder for confirmation.