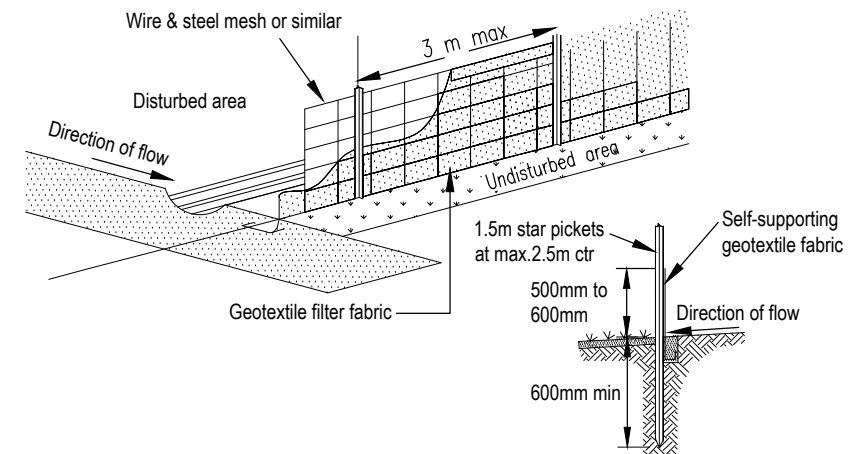
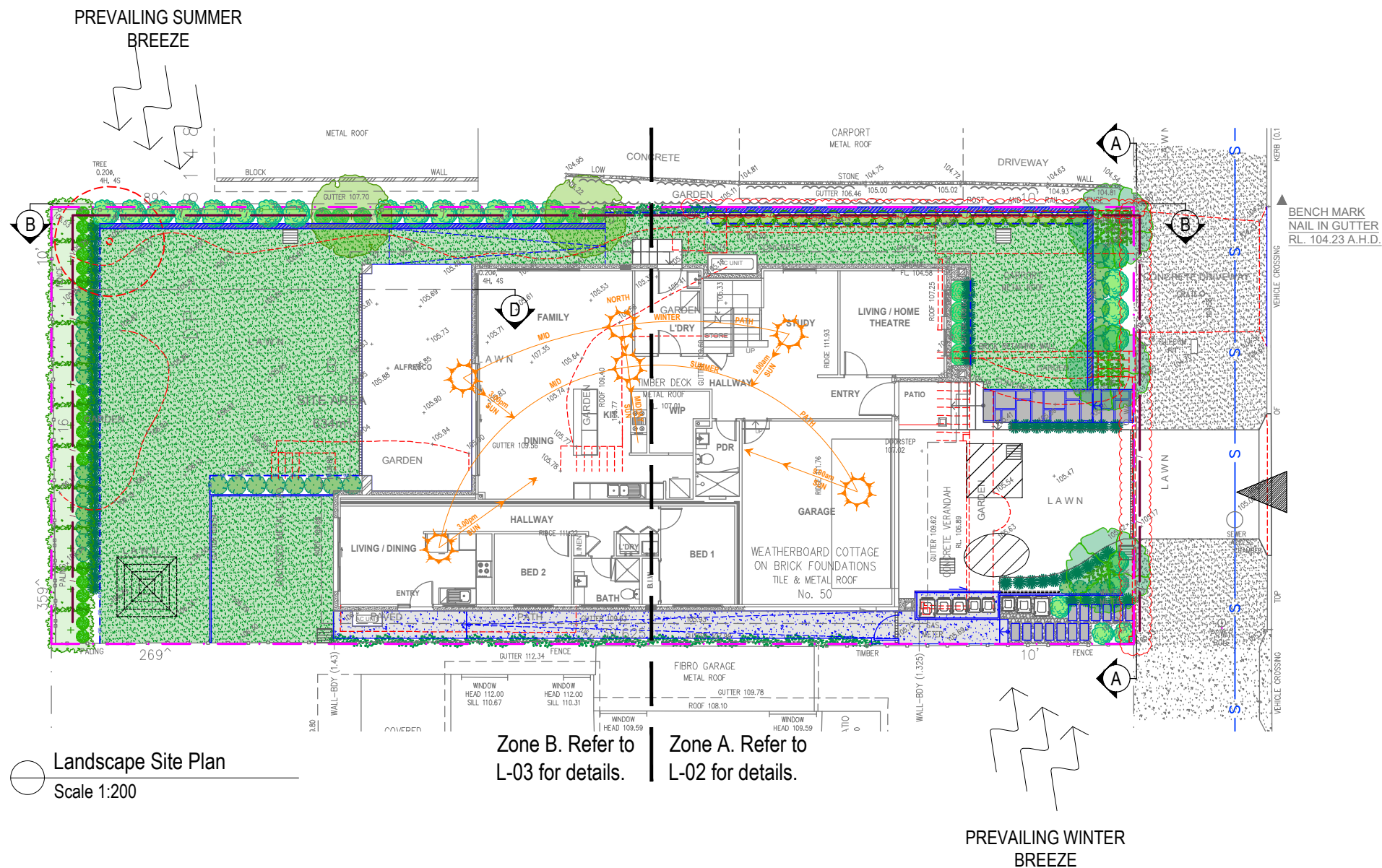




Sediment fence detail
N.T.S.

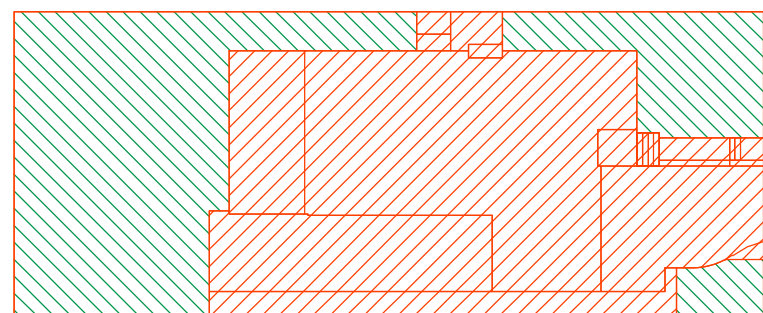
Sediment & erosion control notes

During earthworks the following procedures shall be followed:

1. Install silt barriers where shown on plan prior to commencement of works.
2. Silt barriers to be maintained regularly & after heavy rain by removal of built up silt & spreading silt on existing site when 50% capacity.
3. Repair any damages to fence immediately.
4. Clean up spillages outside silt fence immediately.
5. Sediment control measures to be left in place until works completed.
6. Topsoil from the work's area will be stockpiled for later use in landscaping if necessary.
7. Approved bins for building waste, concrete and mortar slurries, paints and acid washings will be provided by contractor.

Site Analysis Legend

	Site vehicle entry		Prevailing wind
	Waste storage area during construction phase		Materials storage area during construction phase
	Sediment control device during construction phase		Proposed 'hard' works shown blue
	Existing tree to be retained		Tree to be removed



Landscape Area Calculations
Scale 1:400

Landscape Area Calculations Legend

	Landscape Area		Excluded From Landscape Area
--	----------------	--	------------------------------

Landscape Open Space Calculations

Site Area:	634.00m ²
Required Landscape Open Space:	253.60m ² (40%)
Approved Landscape Open Space (CDC2022/0334):	276.73m ² (43.65%)
Proposed Landscape Open Space:	268.59m ² (42.36%)

Section 4.55 amendments
illustrated by red annotations
& revision clouds

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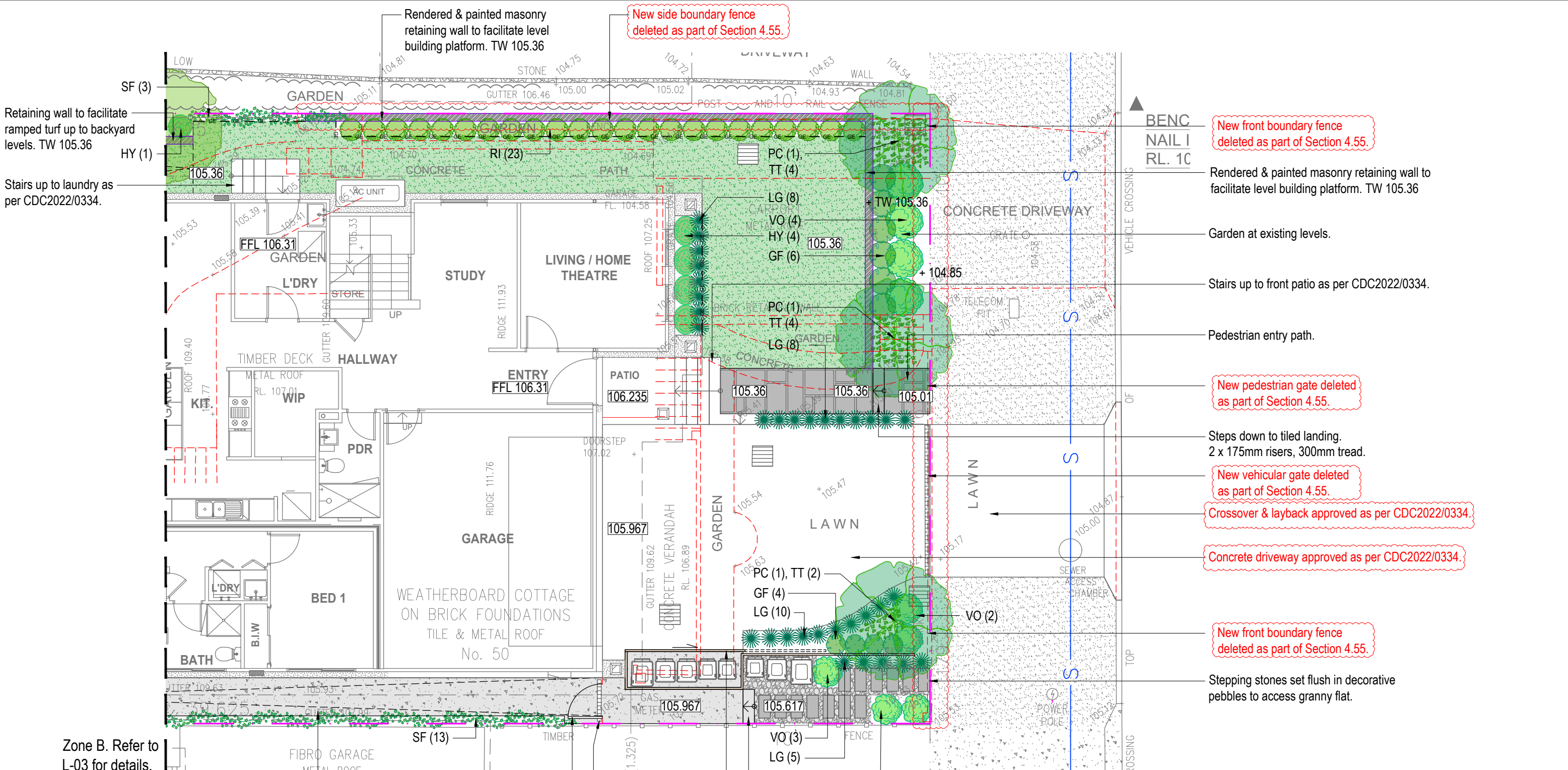
Suite 54, 14 Narabang Way
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Tel: 02 9986 2157
info@serenescapes.com.au
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Client:
Heath & Kristy McNab
Site Address:
**50 Aubreen Street
Collaroy Plateau**

Drawing Title:
**Site Plan / Site Analysis /
Sedimentation Control Plan**
Drawn by:
Ben Danks
TLA Member
Project Number:
21820
Scale:
1:200 @ A3
Sheet Number:
L-01 of 5

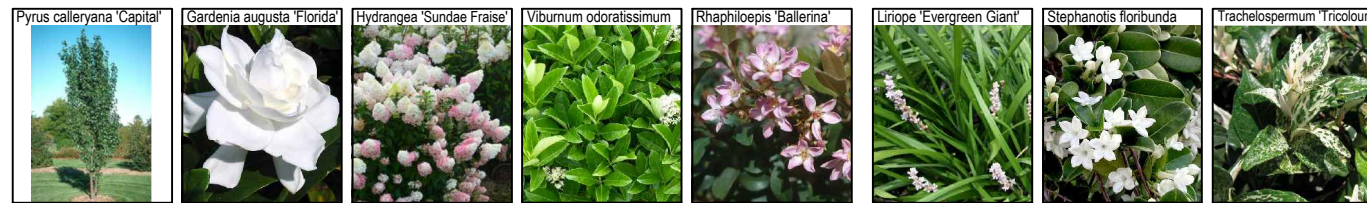
Rev:	Date:	Issue:	Checked:
G	27/10/2022	Preliminary Issue	BF
H	09/12/2022	Preliminary Issue	BF
I	16/06/2023	DA Issue	BF
J	14/09/2023	S4.55 Issue	BF





ZONE A PROPOSED PLANT SCHEDULE

KEY	BOTANICAL NAME	COMMON NAME	QTY	MATURE HEIGHT	POT SIZE
TREES					
PC	PYRUS CALLERYANA 'CAPITAL'	CAPITAL PEAR	3	8m	45Ltr
SHRUBS					
GF	GARDENIA AUGUSTA 'FLORIDA'	GARDENIA	10	1m	200mm
HY	HYDRANGEA 'SUNDAE FRAISE'	SUNDAE FRAISE	5	1.2m	200mm
VO	VIBURNUM ODORATISSIMUM	SWEET VIBURNUM	9	4m	300mm
RI	RHAPHIOLEPIS INDICA 'BALLERINA'	INDIAN HAWTHORN	23	0.6m	200mm
GRASSES / GROUND COVERS					
LG	LIRIOPE MUSCARI 'EVERGREEN GIANT'	GIANT LIRIOPE	31	0.5m	140mm
SF	STEPHANOTIS FLORIBUNDA	MADAGASCAR JASMINE	16	-	140mm
TT	TRACHELOSPERMUM 'TRICOLOUR'	TRICOLOUR JASMINE	10	-	200mm



Section 4.55 amendments illustrated by red annotations & revision clouds

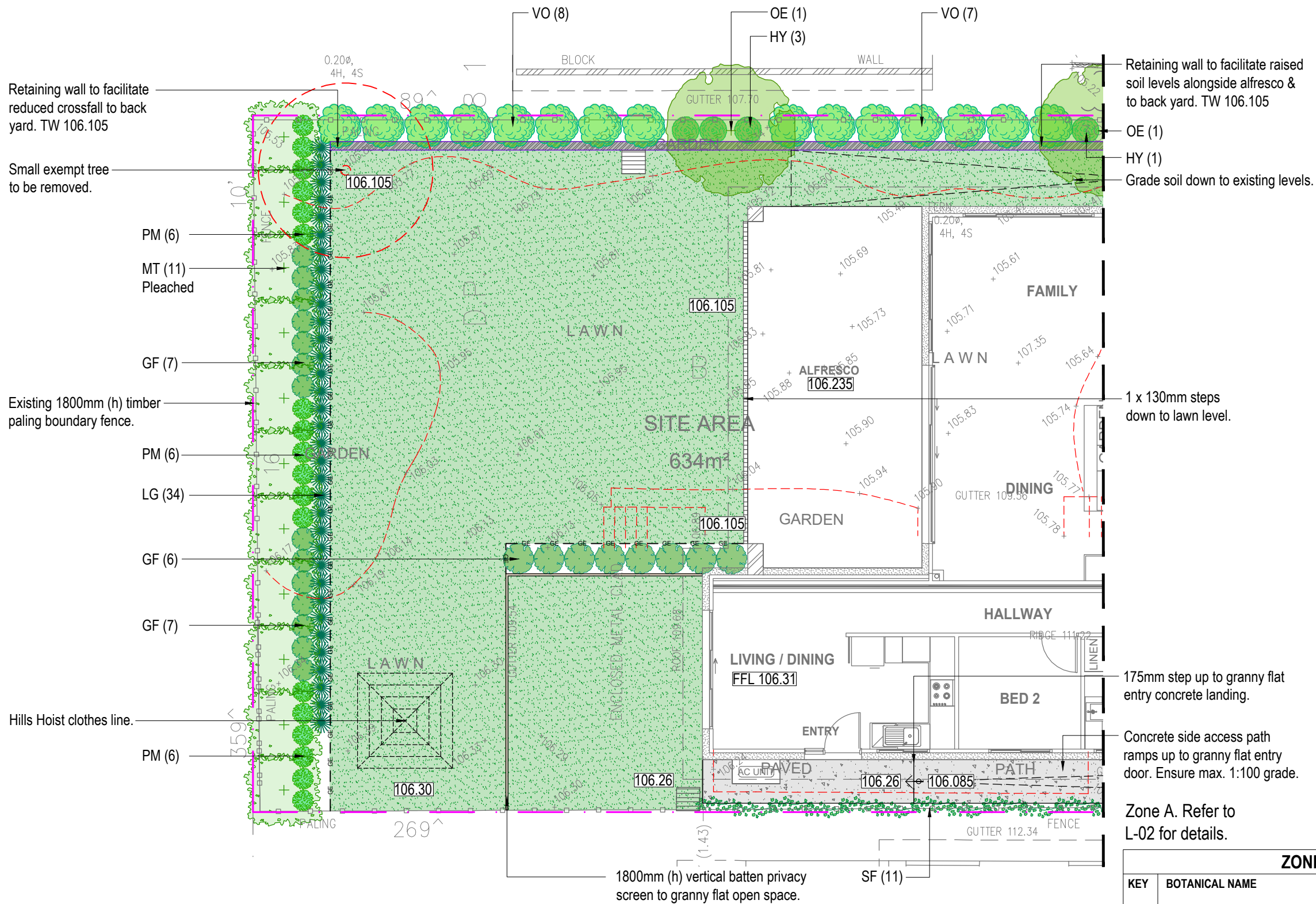
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Client: Heath & Kristy McNab		Drawing Title: Zone A Landscape Plan & Planting Plan			Rev: G	Date: 27/10/2022	Issue: Preliminary Issue	Checked: BF	
Site Address: 50 Aubreen Street Collaroy Plateau		Drawn by: Ben Danks TLA Member	Project Number: 21820	Scale: 1:100 @ A3	Sheet Number: L-02 of 5	Date: 09/12/2022	Issue: Preliminary Issue	Checked: BF	
						Date: 16/06/2023	Issue: DA Issue	Checked: BF	
						Date: 14/09/2023	Issue: S4.55 Issue	Checked: BF	



Zone A. Refer to L-02 for details.

ZONE B PROPOSED PLANT SCHEDULE

KEY	BOTANICAL NAME	COMMON NAME	QTY	MATURE HEIGHT	POT SIZE
MT OE	TREES				
	MAGNOLIA GRANDIFLORA 'TEDDY BEAR'	TEDDY BEAR MAGNOLIA	11	4m	200mm
	OLEA EUROPAEA	OLIVE TREE	2	6m	45Ltr
GF HY PM VO	SHRUBS				
	GARDENIA AUGUSTA 'FLORIDA'	GARDENIA	20	1m	200mm
	HYDRANGEA 'SUNDAE FRAISE'	SUNDAE FRAISE	4	1.2m	200mm
	PLECTRANTHUS 'MONA LAVENDER'	MONA LAVENDER	18	0.8m	140mm
	VIBURNUM ODORATISSIMUM	SWEET VIBURNUM	15	4m	300mm
LG SF	GRASSES / GROUND COVERS				
	LIRIOPE MUSCARI 'EVERGREEN GIANT'	GIANT LIRIOPE	34	0.5m	140mm
	STEPHANOTIS FLORIBUNDA	MADAGASCAR JASMINE	11	-	140mm

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Client:
Heath & Kristy McNab

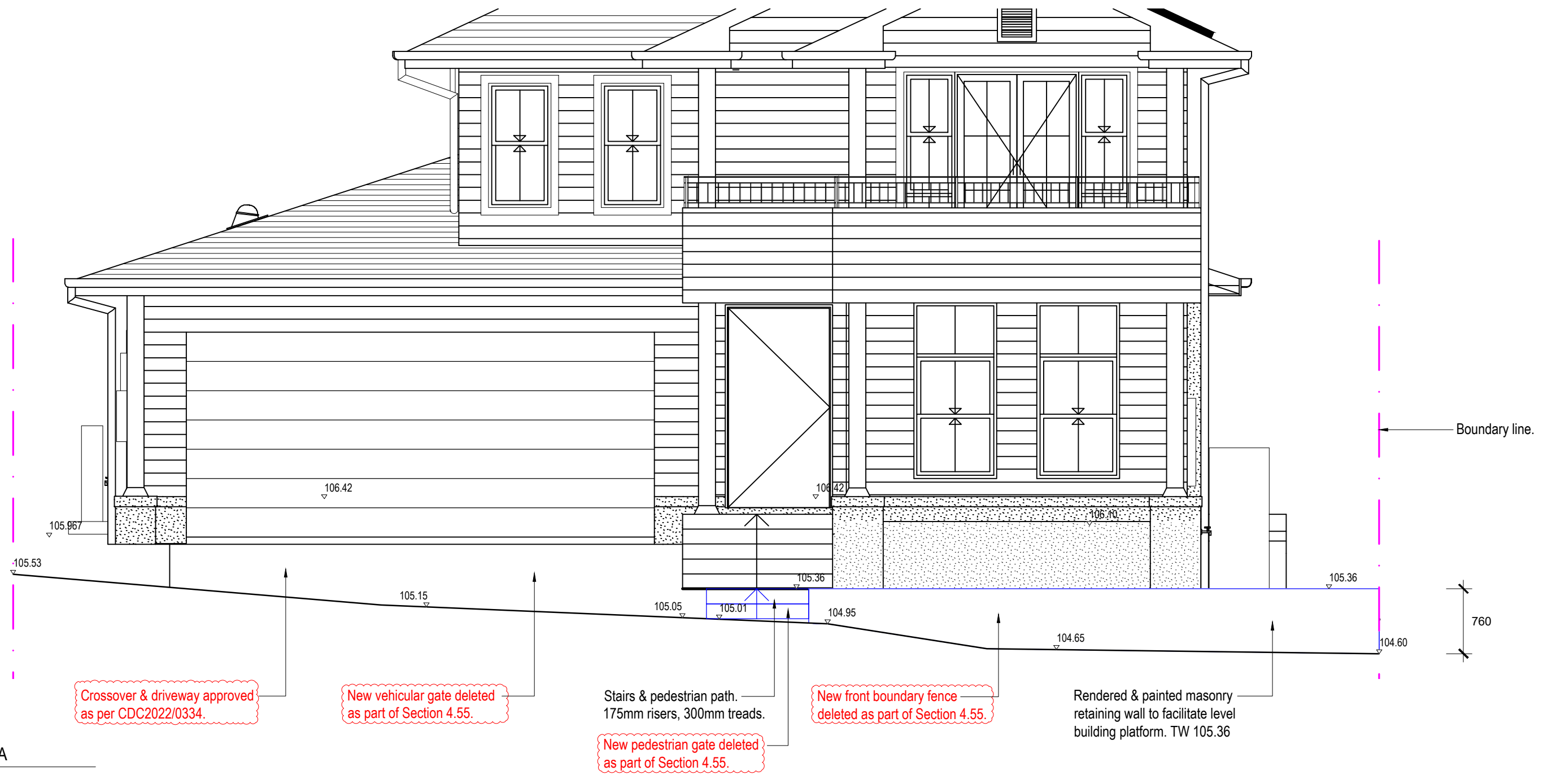
Site Address: **50 Aubreen Street
Collaroy Plateau**

Drawing Title: **Zone B Landscape Plan
& Planting Plan**

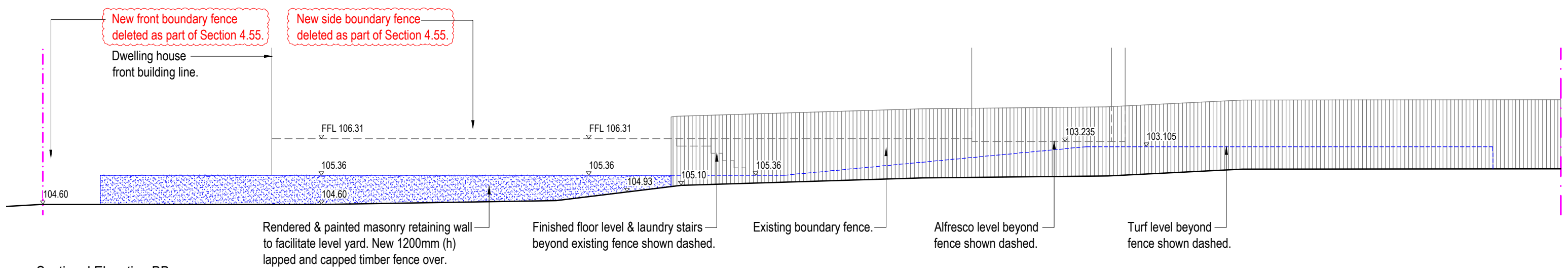
Drawn by: **Ben Danks**
TLA Member
Project Number: **21820**
Scale: **1:100 @ A3**
Sheet Number: **L-03 of 5**

Rev: **G**
H
I
J
Date: **27/10/2022**
09/12/2022
16/06/2023
14/09/2023
Issue: **Preliminary Issue**
Preliminary Issue
DA Issue
S4.55 Issue
Checked: **BF**
BF
BF
BF





Sectional Elevation AA
Scale 1:50



Sectional Elevation BB
Scale 1:100

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Client: **Heath & Kristy McNab**
Site Address: **50 Aubreen Street
Collaroy Plateau**

Drawing Title: **Sectional Elevations**

Drawn by: **Ben Danks**
TLA Member
Project Number: **21820**
Scale: **As shown @ A3**
Sheet Number: **L-04 of 5**

Rev:	Date:	Issue:	Checked:
G	27/10/2022	Preliminary Issue	BF
H	09/12/2022	Preliminary Issue	BF
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J	14/09/2023	S4.55 Issue	BF

LANDSCAPE SPECIFICATION NOTES

SITE PREPARATION

Locate any underground and overground services & ensure no damage occurs. Levels on plan are nominal only & all dimensions to be checked on site prior to commencement. Final structural integrity of all items shall be the sole responsibility of landscape contractor.

PROTECTION OF EXISTING TREES:

All tree protection is to be undertaken in accordance with the guidelines provided in AS4970-2009

Protection of trees on development sites.

Prior to construction, the builder shall erect tree protection fencing for each protected tree. Tree protection fencing setbacks are to be determined by multiplying the diameter at breast height by twelve (12).

Fencing is to consist of Chain wire mesh panels at least 1.8m in height, anchored with concrete feet.

Signage stating “Tree Protection Zone – No Access” is to be displayed on the fencing.

According to AS 4970-2009, activities excluded from the TPZ include but are not limited to;

- machine excavation including trenching
- excavation for silt fencing
- cultivation
- storage
- preparation of chemicals, including preparation of cement products
- parking of vehicles and plant and/or refuelling
- dumping of waste and/or wash down and cleaning of equipment
- soil level changes and/or placement of fill
- lighting of fires
- temporary or permanent installation of utilities and signs
- physical damage to the tree.

REMOVAL OF EXISTING TREES

All trees to be removed shall be carried out by a qualified arborist and work shall conform to the provisions of AS4373-2007 Australian Standards for The Pruning of Amenity Trees.

ELIMINATE WEEDS

Remove all existing weeds by hand, wiping or spraying with a glyphosate based herbicide. Weed control shall never be performed by mechanical cultivation or by scraping. Herbicide spraying is to be used to eliminate all existing weeds 30 days prior to planting.

EXCAVATION & SUB SOIL PREPARATION

Excavate garden beds to the depth required and rip or scarify base & sides of pit to a minimum depth of 150mm.

SUB SOIL DRAINAGE

Install drainage layer where there is surface water runoff draining into garden bed areas & where the existing sub-soil has more than 50% clay composition & there is a risk of subsurface water ponding.

Install perforated corrugated ag. line 75-100mm Dia. with geotextile filter sock & backfill to a minimum 200mm using free draining material, reclaimed/recycled where available. Direct flows at a minimum 0.5% fall to sw system. In areas isolated from stormwater system excavate & backfill an appropriate water dispersion pit.

REUSE EXISTING TOPSOIL

Existing site topsoil should be salvaged & appropriately stockpiled where possible.

IMPORTED TOPSOIL

Quality System: AS 4419 or as specified below.

Turf Areas: 'Turf Underlay' as supplied by, ANL p: 02 9450 1444 or approved alternative.

Tree Pit and Shrub Planting: 'Premium Garden Mix' as supplied by, ANL p: 02 9450 1444 or approved alternative.

PLANTING

Health & Vigour: Supply plants with foliage size, texture & colour consistent with that shown in healthy specimens of the species. Crowns must contain no epicormic shoots or dieback.

Balance of Crown: Supply plants with max. variation in crown bulk on opposite sides of stem axis, +/- 20%

All plants supplied should be consistent with the guidelines provided in AS2303-2015 Tree stock for landscape use.

STAKING

Install 2 x 1800mm 40x40 hardwood timber stakes with hessian ties to all trees. Provide appropriate support considering exposure to prevailing winds. Stakes and hessian ties to be removed as soon as the tree is self supporting.

ALUMINIUM GARDEN EDGING

Supply and install Link Edge 75mm as per Landscape Plan. Compact and level the base in the required area as indicated on Landscape Plan. Half hammer spikes into pre-punched holes (approx. 4 spikes every 3m length) starting from the first hole in the end of the Link Edge. Use spike washers supplied by manufacturer. Half hammer subsequent spikes in pivotal areas along the length. (Especially at points where a curve is required). Connect lengths together by using fish-plate connectors supplied by manufacturer.

Check position of Link Edge is correct before hammering spikes firmly into ground.

IRRIGATION SYSTEM

New dripline irrigation system to be installed with backflow preventer and with timers. Irrigation system to be designed and installed to local codes.

The entire irrigation system shall be fully automated and provide drip irrigation to all tree, shrub and ground cover zones. It is the Contractor's responsibility to verify water pressure available and determine all design-built parameters prior to any installation and sizing of irrigation components. Irrigation system to be connected to water tank to supplement water from mains.

MULCHING

Quality system: AS 4454

All planting area impacted by building works to receive 50-75mm of garden Mulch, Hort-Bark, ANL p: 02 9450 1444 or approved alternative. Keep mulch 100mm away from plant stem & form a well to stop excessive water runoff. Finish flush with adjacent surfaces.

TURFING

New turf- Sir Walter Soft Leafed Buffalo.

Excavate / grade all areas to be turfed to 120mm below finished levels. Ensure that all surface runoff is directed away from buildings. Ensure that no pooling or ponding will occur. Further rip the sub-grade to 150mm. Install 100mm of imported turf underlay. Rolls to be closely butted and laid in a brickwork pattern. Fill any small gaps with topsoil and water thoroughly.

WATERING

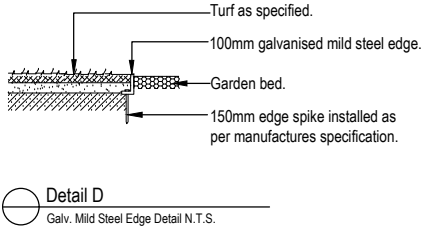
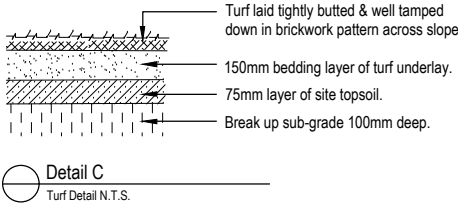
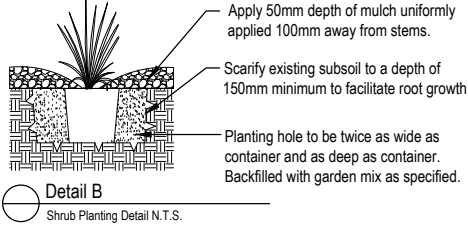
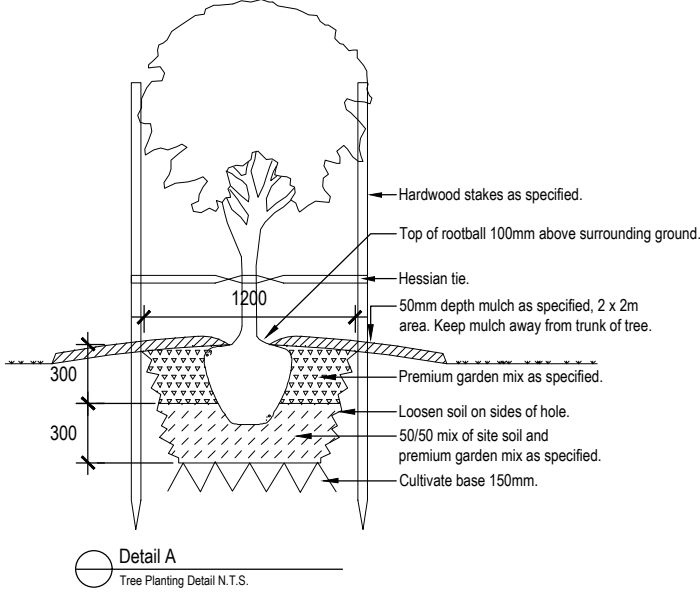
Water in immediately after plant installation & allow for soil settlement. For the first 2 to 4 weeks after planting, the root zone & immediate surrounds must be kept moist. Continue watering until plants have established.

STEPPING STONES

Install each stepping stone on a 75mm thick mortar bed and space according to plan. Stones to finish flush with adjoining levels. Fill gaps with pebbles as specified.

RETAINING WALLS & PLANTER BOXES

All retaining walls & planter boxes to be constructed to Engineer's details. Ensure all internal surfaces are waterproofed. Geotextile wrapped ag. drainage line backfilled with aggregate is to be installed behind all retaining walls & connected to stormwater in accordance with Sydney Water regulations. All planter boxes are to have Atlantis drainage cell (or approved alternative) installed & connected to stormwater in accordance with Sydney Water regulations.



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Client:		Drawing Title:				Rev:	Date:	Issue:	Checked:	
Heath & Kristy McNab		Landscape Specification & Details				G	27/10/2022	Preliminary Issue	BF	
Site Address:		Drawn by:	Project Number:	Scale:	Sheet Number:	H	09/12/2022	Preliminary Issue	BF	
50 Aubreen Street		Ben Danks	21820	NTS @ A3	L-05 of 5	I	16/06/2023	DA Issue	BF	
Collaroy Plateau		TLA Member				J	14/09/2023	S4.55 Issue	BF	