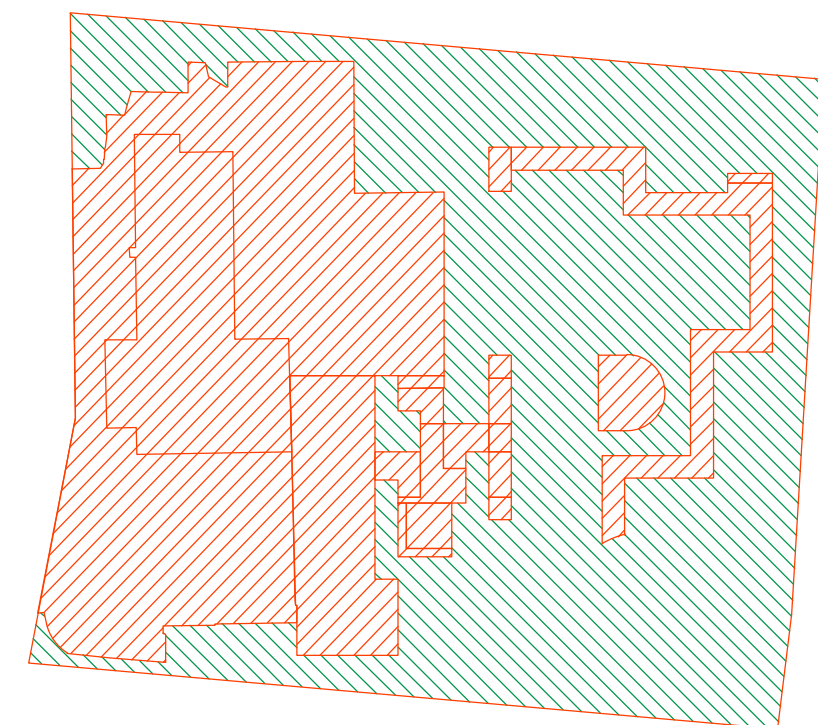




Beyond scope of works. Scope of works. Refer to L-02 for details.

Site Plan
Scale 1:200

Landscape Area Calculations Legend



Landscape Area Calculations
Scale 1:400

Landscape Area Calculations

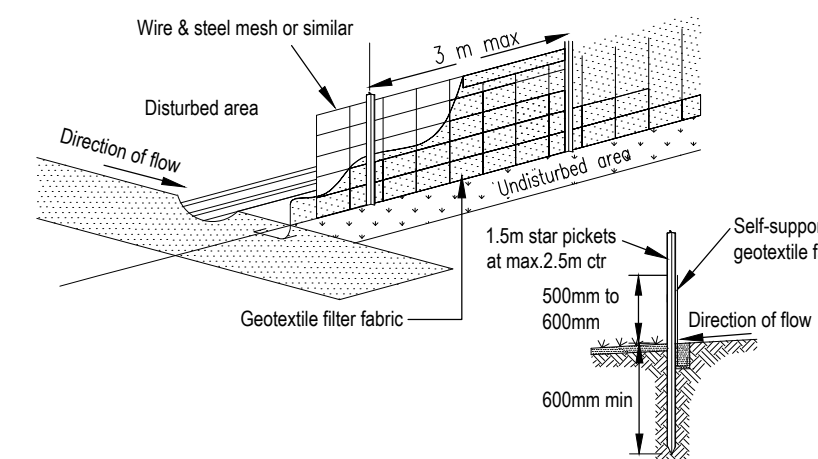
Site Area	1,350.00m ²
Required Landscape Area	810m ² (60%)
Existing Landscape Area	836.18m ² (61.94%)
Proposed Landscape Area	728.64m ² (53.97%)
Impervious area allowance	81.00m ² (6%)
Total Landscape Areas:	809.64m ² (59.97%)

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 SCHEDULE

TREE No.	BOTANICAL NAME	COMMON NAME	DBH	SPREAD	HEIGHT	RETAIN / REMOVE
T1	CORYMBIA MACULATA	SPOTTED GUM	0.35m	20m	16m	RETAIN
T2	CORYMBIA MACULATA	SPOTTED GUM	0.50m	-m	-m	RETAIN
T3	CORYMBIA MACULATA	SPOTTED GUM	0.55m	30m	8m	RETAIN
T4	MACADAMIA INTEGRIFOLIA	MACADAMIA NUT	0.22m	5m	6m	RETAIN
T5	JACARANDA MIMOSIFOLIA	JACARANDA	0.28m	10m	8m	RETAIN
T6	UNIDENTIFIED EUCALYPTUS	GUM TREE	0.60m	30m	18m	RETAIN
T7	EUCALYPTUS PUNCTATA	GREY GUM	0.86m	30m	14m	REMOVE
T8	CORYMBIA MACULATA	SPOTTED GUM	0.37m	18m	12m	RETAIN
T9	BRACZYCHTON ACERIFOLIUS	FLAME TREE	0.28m	12-m	6m	REMOVE

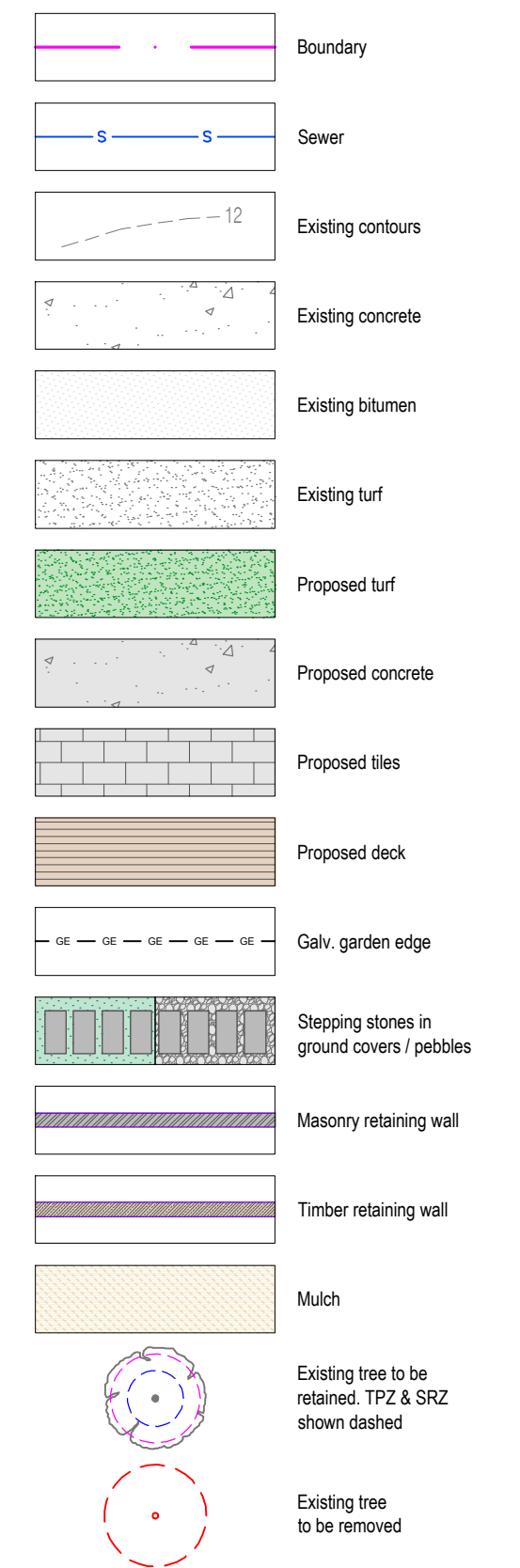


Sediment fence detail
N.T.S

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.

Legend



Note:
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Client: Sean Herrington

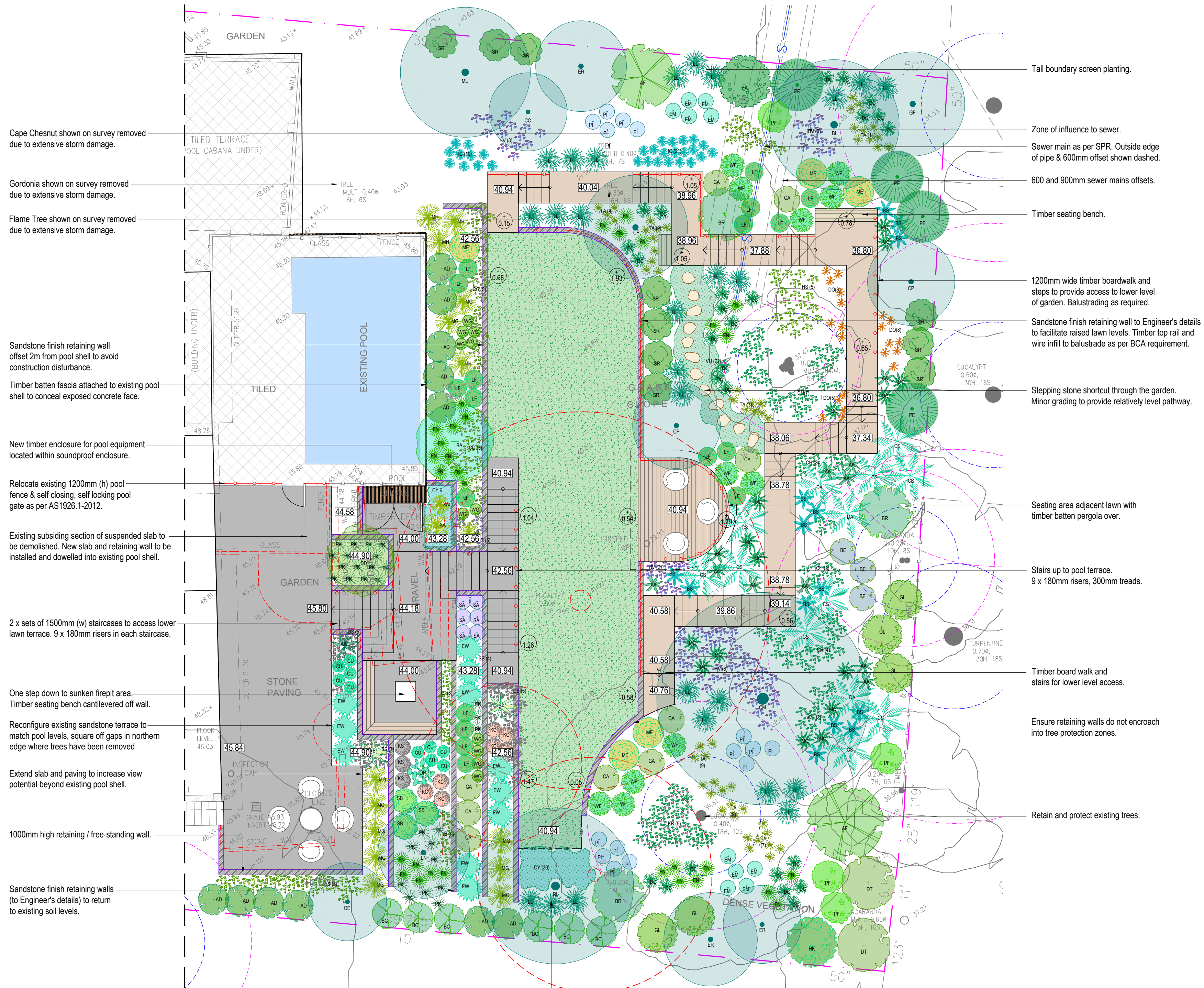
Site Address: 30 Herbert Avenue Newport

Drawing Title: Site Plan / Site Analysis / Sedimentation Control Plan

Drawn by: Ben Danks
Project Number: 21836
Scale: 1:100 @ A2

Sheet Number: L-01 of 9

Rev:	Date:	Issue:	Checked:
A	21/10/2021	Preliminary Issue	BF
B	24/03/2022	Preliminary Issue	BF
C	10/05/2022	DA Issue	BF



Cape Chesnut shown on survey removed due to extensive storm damage.

Gordonia shown on survey removed due to extensive storm damage.

Flame Tree shown on survey removed due to extensive storm damage.

Sandstone finish retaining wall offset 2m from pool shell to avoid construction disturbance.

Timber batten fascia attached to existing pool shell to conceal exposed concrete face.

New timber enclosure for pool equipment located within soundproof enclosure.

Relocate existing 1200mm (h) pool fence & self closing, self locking pool gate as per AS1926.1-2012.

Existing subsiding section of suspended slab to be demolished. New slab and retaining wall to be installed and dowelled into existing pool shell.

2 x sets of 1500mm (w) staircases to access lower lawn terrace. 9 x 180mm risers in each staircase.

One step down to sunken firepit area. Timber seating bench cantilevered off wall.

Reconfigure existing sandstone terrace to match pool levels. square off gaps in northern edge where trees have been removed

Extend slab and paving to increase view potential beyond existing pool shell.

1000mm high retaining / free-standing wall.

Sandstone finish retaining walls (to Engineer's details) to return to existing soil levels.

Beyond scope of works. Refer to L-01 for details.

Existing soil to be graded to meet proposed design levels.

Tall boundary screen planting.

Zone of influence to sewer.

Sewer main as per SPR. Outside edge of pipe & 600mm offset shown dashed.

600 and 900mm sewer mains offsets.

Timber seating bench.

1200mm wide timber boardwalk and steps to provide access to lower level of garden. Balustrading as required.

Sandstone finish retaining wall to Engineer's details to facilitate raised lawn levels. Timber top rail and wire infill to balustrade as per BCA requirement.

Stepping stone shortcut through the garden. Minor grading to provide relatively level pathway.

Seating area adjacent lawn with timber batten pergola over.

Stairs up to pool terrace. 9 x 180mm risers, 300mm treads.

Timber boardwalk and stairs for lower level access.

Ensure retaining walls do not encroach into tree protection zones.

Retain and protect existing trees.

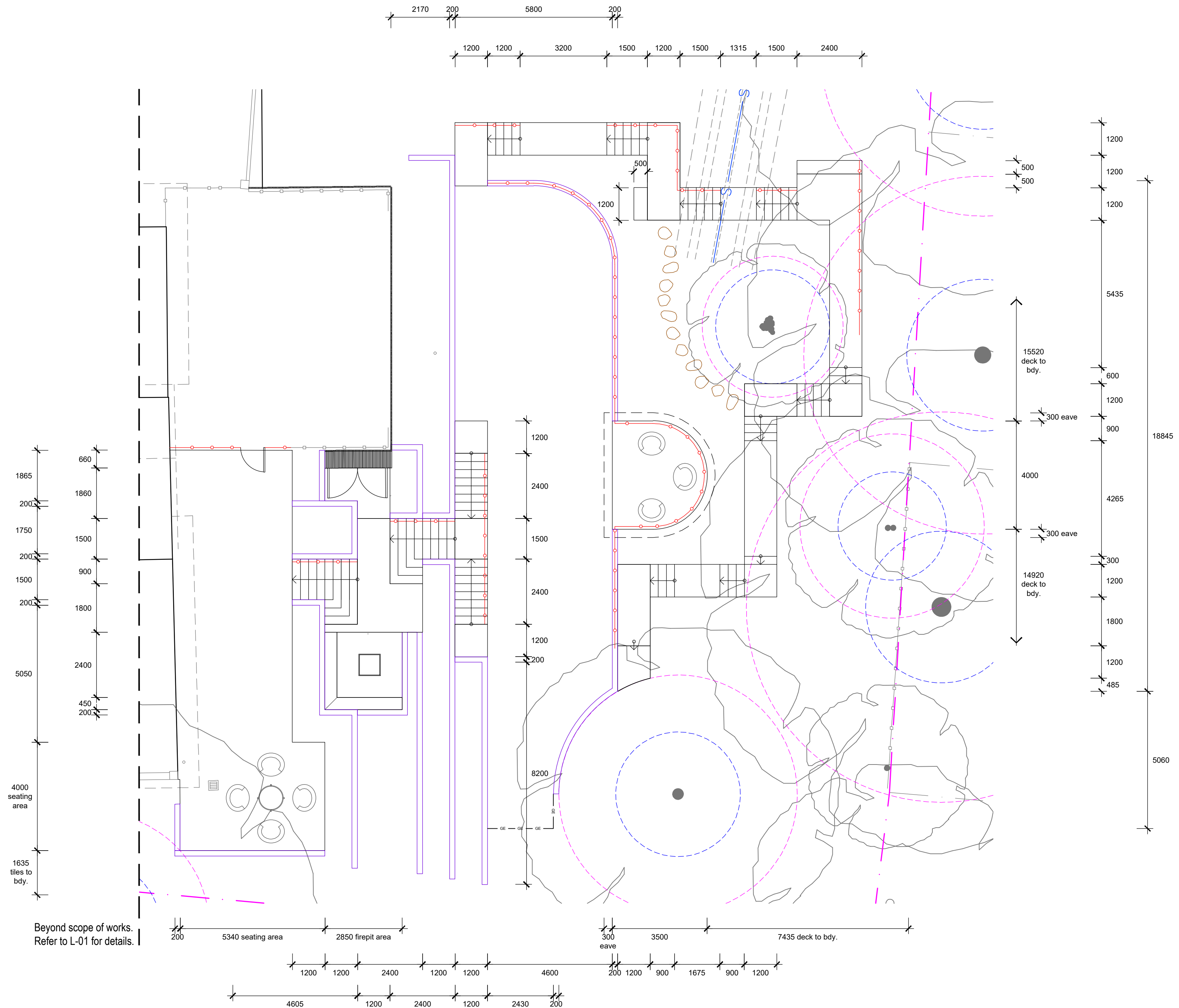
Note: $\oplus 0.00$ Denotes difference between proposed & existing ground level

Note:
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Client:	Sean Herrington		
Site Address:	30 Herbert Avenue Newport		
Drawing Title:	Detail Plan		
Drawn by:	Project Number:	Scale:	
Ben Danks TLA Member	21836	1:100 @ A2	
Sheet Number:	L-02 of 9		
Rev:	Date:	Issue:	Checked:
A	21/10/2021	Preliminary Issue	BF
B	24/03/2022	Preliminary Issue	BF
C	10/05/2022	DA Issue	BF



Beyond scope of works.
Refer to L-01 for details.

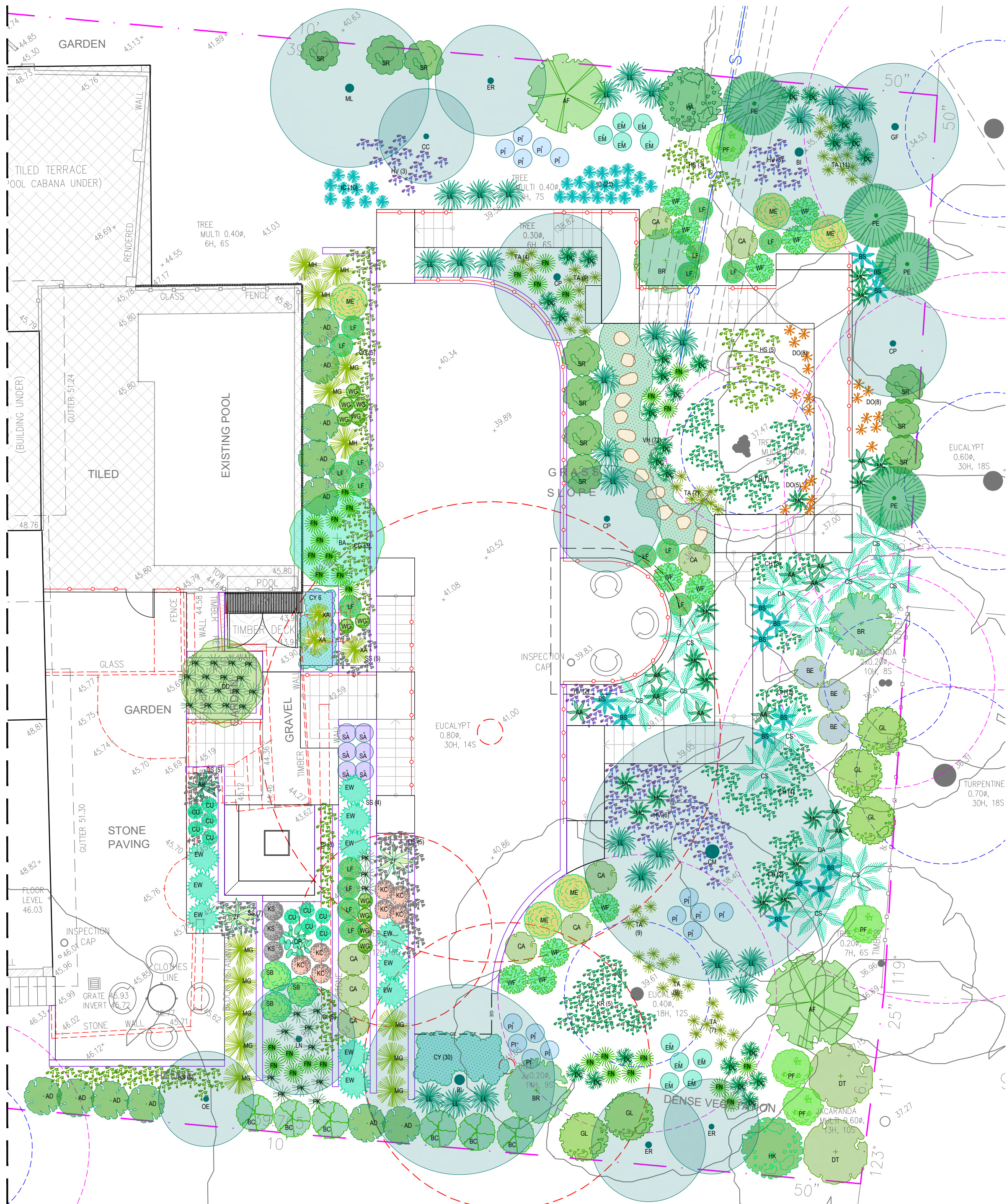
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Client:	Sean Herrington	
Site Address:	30 Herbert Avenue Newport	
Drawing Title:	Setout Plan	

Drawn by:	Project Number:	Scale:
Ben Danks TLA Member	21836	1:100 @ A2
Sheet Number:	L-03 of 9	

Rev:	Date:	Issue:	Checked:
A	21/10/2021	Preliminary Issue	BF
B	24/03/2022	Preliminary Issue	BF
C	10/05/2022	DA Issue	BF



PROPOSED PLANT SCHEDULE					
KEY	BOTANICAL NAME	COMMON NAME	QTY	MATURE HEIGHT	POT SIZE
TREES					
AF*	ACACIA FLORIBUNDA	SALLY WATTLE	2	5m	300mm
BA*	BANKSIA SERRATA	OLD MAN BANKSIA	1	5m	45Ltr
BF*	BANKSIA INTEGRIFOLIA	COAST BANKSIA	2	8m	45Ltr
CM ^o	CORYMBIA MACULATA	SPOTTED GUM	1	35m	75Ltr
CP ^o	CERATOPETALUM GUMMIFERUM	NSW XMAS BUSH	3	7m	300mm
CS*	CYATHEA AUSTRALIS	ROUGH TREE FERN	10	4m	200mm
DA*	DICKSONIA ANTARCTICA	SOFT TREE FERN	3	4m	200mm
DD	DRACAENA DRACO	DRAGON TREE	1	6m	100Ltr
ER**	ELAEOPARPUS RETICULATUS	BLUEBERRY ASH	3	8m	45Ltr
GF*	GLOCHIDION FERDINANDI	CHEESE TREE	1	6m	45Ltr
LN	LAGERSTROEMIA INDICA 'NATCHEZ'	WHITE CREPE MYRTLE	1	6m	45Ltr
ML ^o	MELALEUCA LINARIIFOLIA	SNOW IN SUMMER	1	8m	200mm
OE	OLEA EUROPAEA	OLIVE TREE	1	6m	45Ltr
SHRUBS					
AA*	ASPLENIDIUM AUSTRALASICUM	BIRDS NEST FERN	11	1m	200mm
AD	ADENANTHOS 'SILVER STREAK'	WOOLLY BUSH	11	2m	140mm
AK	AGAVE SHARKSKIN	SHARKSKIN AGAVE	1	1m	200mm
BC*	BACKHOUSIA MYRTIFOLIA	GREY MYRTLE	6	3m	45Ltr
BE*	BANKSIA ERICIFOLIA	HEATH BANKSIA	3	3m	45Ltr
BR*	BANKSIA ROBUR	SWAMP BANKSIA	3	3m	200mm
CA*	CORREA ALBA	WHITE CORREA	12	1.5m	200mm
CU	CRASSULA 'BLUE BIRD'	BLUE BIRD JADE PLANT	10	0.7m	200mm
CC*	CALLISTEMON CITRINUS	CRIMSON BOTTLEBRUSH	1	3m	200mm
CY*	CHRYSOCEPHALUM APICULATUM	YELLOW BUTTONS	36	0.3m	140mm
DT ^o	DODONAEA TRIQUETRA	COMMON HOP-BUSH	2	3m	200mm
EM ^o	ERIOSTEMON AUSTRALISIUS	PINK WAX FLOWER	10	2m	200mm
EW	EUPHORBIA WULFENII	MILKWEED SPURGE	11	1m	200mm
GL*	GREVILLEA LINEARIFOLIA	'WHITE SPIDER FLOWER	5	3.0m	200mm
HA ^o	HAKEA SERICEA	MOUNTAIN HAKEA	1	4.5m	200mm
KC	KALANCHOE 'COPPER SPOONS'	COPPER SPOONS	7	0.6m	140mm
KS	KALANCHOE 'SILVER SPOONS'	SILVER SPOONS	3	0.6m	140mm
LF*	LEPTOSPERMUM LAEVIGATUM 'FORESHORE'	DWARF COASTAL TEA-TREE	18	0.5m	200mm
ML ^o	MELALEUCA LINARIIFOLIA	SNOW IN SUMMER	1	8m	200mm
ME*	MELALEUCA LINARIIFOLIA 'CLARET TOPS'	CLARET TOPS	5	1.2m	200mm
MC**	MACROZAMIA COMMUNIS	MACROZAMIA	15	1.0m	200mm
OP	OPUNTIA FICUS-INDICA 'BURBANK SPINELESS'	MICKEY MOUSE CACTUS	1	2m	200mm
PE*	PERSOONIA LINEARIS	NARROW-LEAVED GEEBUNG	4	3m	200mm
PF*	PIMELIA LINIFOLIA	RICE FLOWER	15	1.5m	140mm
PF ^o	PULTENAEA FLEXILIS	GRACEFUL BUSH PEA	4	3m	200mm
SA	SEDUM 'AUTUMN JOY'	AUTUMN JOY	6	0.7m	140mm
SB	SALVIA 'SANTA BARBARA'	SALVIA	3	0.8m	200mm
SR*	SYZYGIUM AUSTRALE 'RESILIENCE'	RESILIENCE	10	5m	300mm
WF**	WESTRINGIA FRUTICOSA	COASTAL ROSEMARY	11	1.5m	200mm
WG*	WESTRINGIA 'GREY BOX'	GREY BOX	11	0.5m	200mm
XA**	XANTHORRHOEA MACRONEMA	GRASS TREE	3	3m	45Ltr
ZF	ZAMIA FURFURACEA	CARDBOARD PLANT	2	1m	200mm
GRASSES / GROUND COVERS					
BS*	BLECHNUM GIBBUM 'SILVER LADY'	SILVER LADY FERN	14	1m	200mm
CG ^o	CARPOBROTUS GLAUDESCENS	PIG FACE	8	0.2m	140mm
CH*	CISSUS HYPOGLAUCA	KANGAROO VINE	18	-	140mm
CI*	CASUARINA GLAUCA 'COUSIN IT'	COUSIN IT	13	0.5m	140mm
DO*	DOODIA CAUDATA	RASP FERN	21	0.3m	140mm
DC ^o	DIANELLA CAERULEA	BLUE FLAX LILY	26	0.6m	140mm
DS*	DICHONDRA ARGENTEA 'SILVER FALLS'	SILVER FALLS	10	0.3m	140mm
FN**	FICINIA NODOSA	KNOBBY CLUBBRUSH	31	0.6m	140mm
HV*	HARDENBERGIA VIOLACEA	PURPLE CORAL PEA	14	0.2m	140mm
HS*	HIBBERTIA SCANDENS	CLIMBING GUINEA FLOWER	13	0.3	140mm
IC*	IMPERATA CYLINDRICA	BLADY GRASS	31	0.7	140mm
KR*	KENNEDIA RUBICUNDA	DUSKY CORAL PEA	5	0.3	140mm
LL ^o	LOMANDRA LONGIFOLIA	SPINY-HEADED MAT-RUSH	26	1m	140mm
MG	MISCANTHUS 'GRACILLIMUS'	FEATHER GRASS	10	2m	140mm
MH	MISCANTHUS 'HIAWATHA'	HIAWATHA FEATHER GRASS	4	2m	140mm
PK*	POA LABILLARDIERI 'ESKDALE'	ESKDALE	29	0.7m	140mm
SS	SENECIO SERPENS	BLUE CHALK STALKS	16	0.2m	140mm
TA ^o	THEMEDA AUSTRALIS	KANGAROO GRASS	56	0.4m	140mm
VH*	VIOLA HEDERACEA	NATIVE VIOLET	72	0.1m	tubes

* Denotes species selected from Pittwater Spotted Gum Forest threatened ecological plant community - (PSGF).
^o Denotes species selected from Northern Beaches Council Native Plant Species Guide - Pittwater Ward - (NBNP).
^o Denotes species selected from Shale Slopes plant communities as found within 'Native plants for your garden' publication (NBSS).
 * Denotes native plant or cultivar.

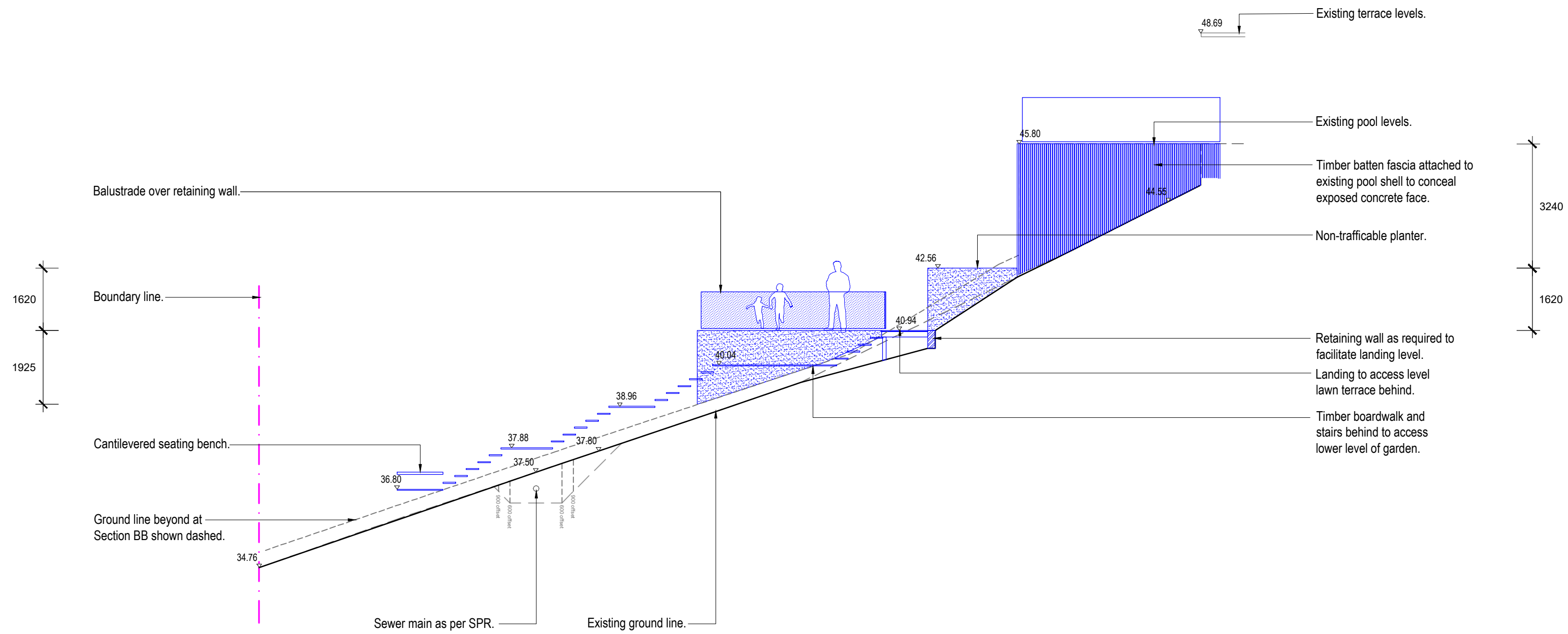
Total plants:	689	(100%)
Native plants - PSGF:	179	(25.98%)
Native plants - NBNP:	148	(21.48%)
Native plants - NPSS:	149	(21.63%)
Other native plant/cultivar:	136	(19.74%)
Total locally native plants:	476	(69.09%)
Total native plants:	612	(88.82%)
Exotic plants:	77	(11.18%)

Note:
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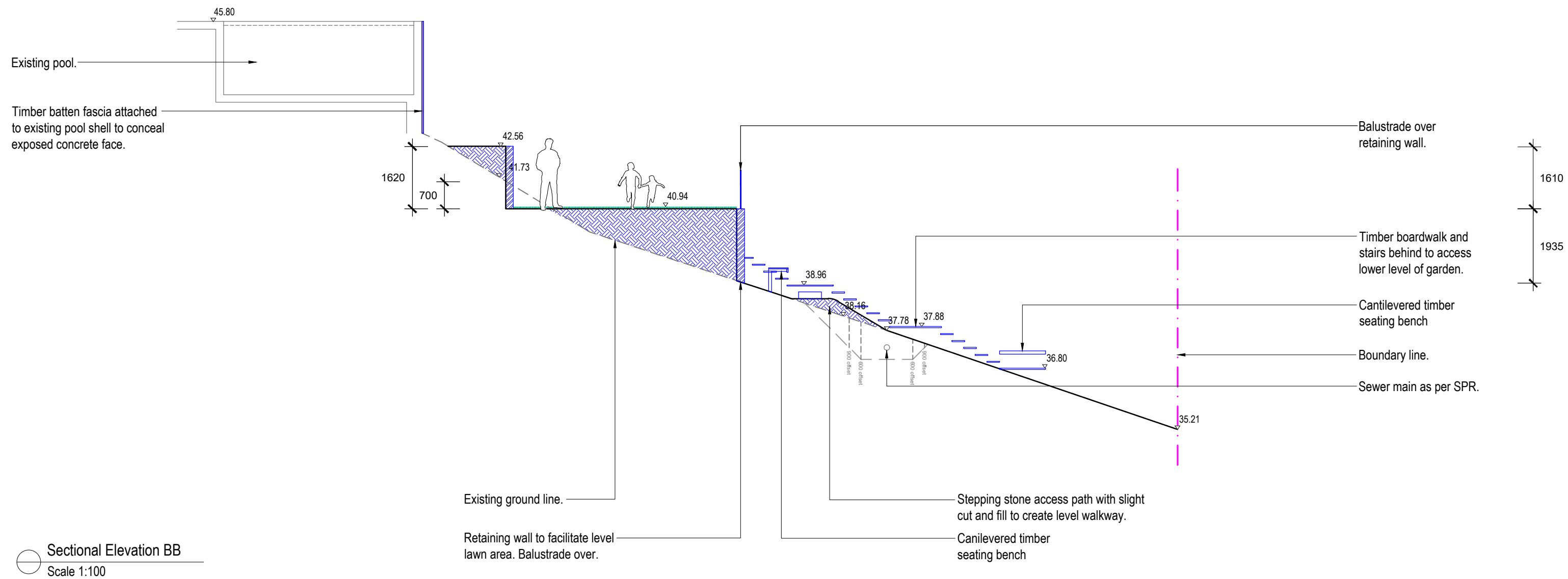
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Client:	Sean Herrington		
Site Address:	30 Herbert Avenue Newport		
Drawing Title:	Planting Plan		
Drawn by:	Project Number:	Scale:	
Ben Danks TLA Member	21836	1:100 @ A2	
Sheet Number:	L-04 of 9		
Rev:	Date:	Issue:	Checked:
A	21/10/2021	Preliminary Issue	BF
B	24/03/2022	Preliminary Issue	BF
C	10/05/2022	DA Issue	BF

Beyond scope of works.
 Refer to L-01 for details.



Sectional Elevation AA
Scale 1:100



Sectional Elevation BB
Scale 1:100

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Client: **Sean Herrington**

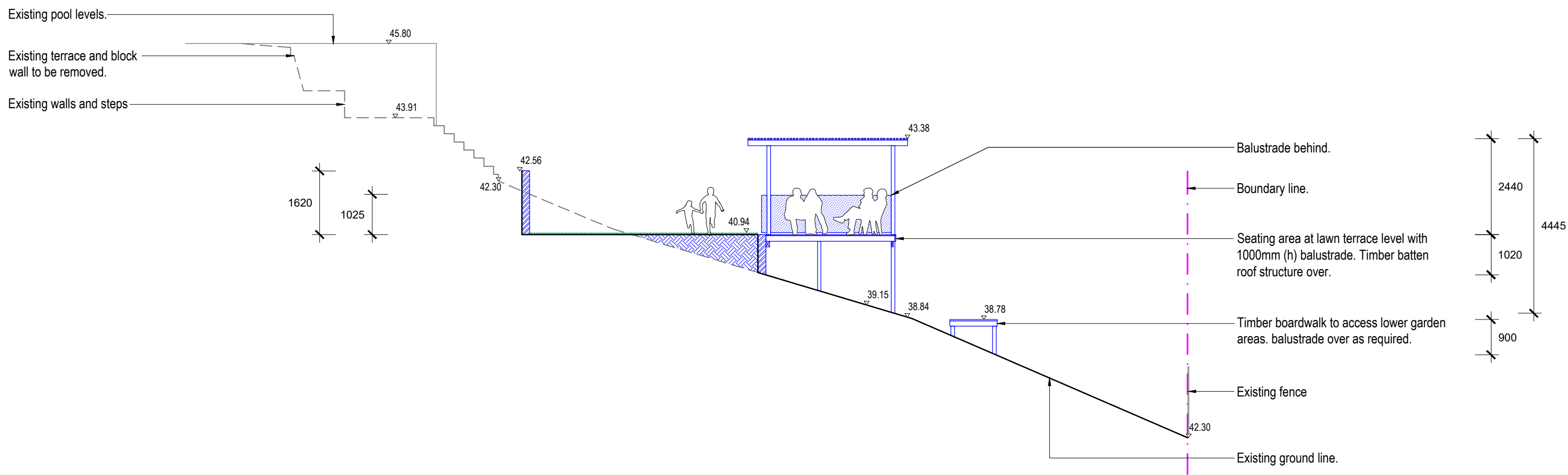
Site Address:
**30 Herbert Avenue
Newport**

Drawing Title:
Sectional Elevation

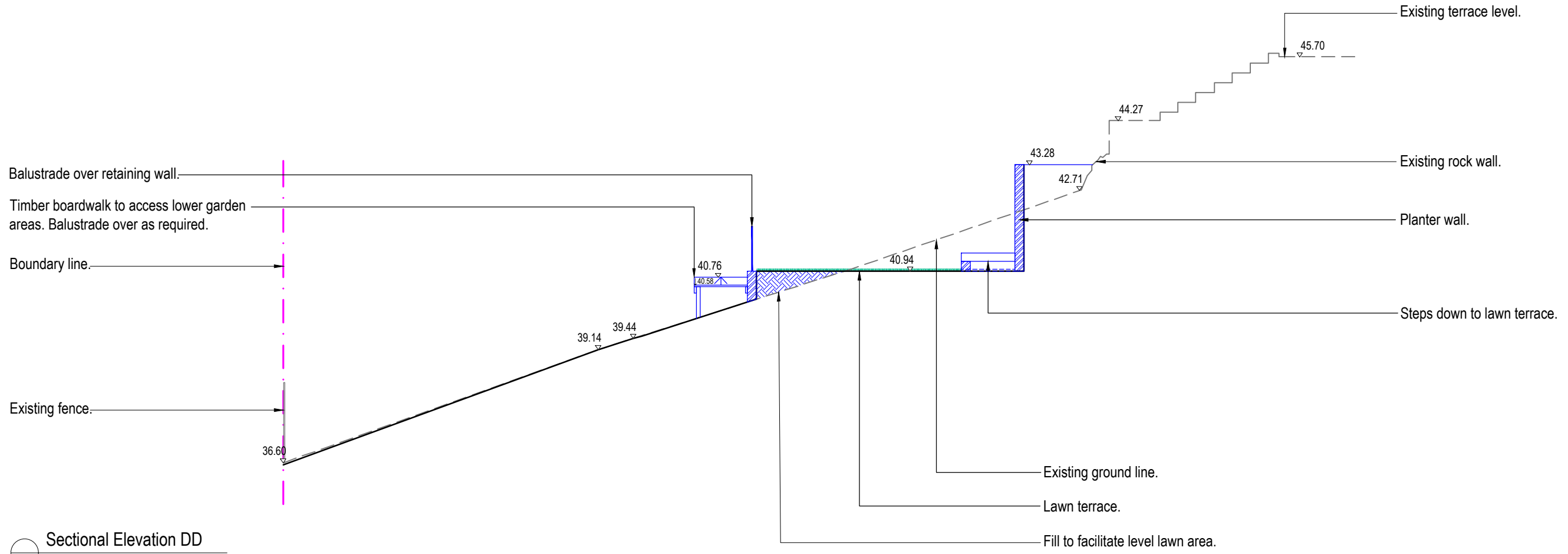
Drawn by: **Ben Danks**
TLA Member
Project Number: **21836**
Scale: **1:100 @ A2**

Sheet Number:
L-05 of 9

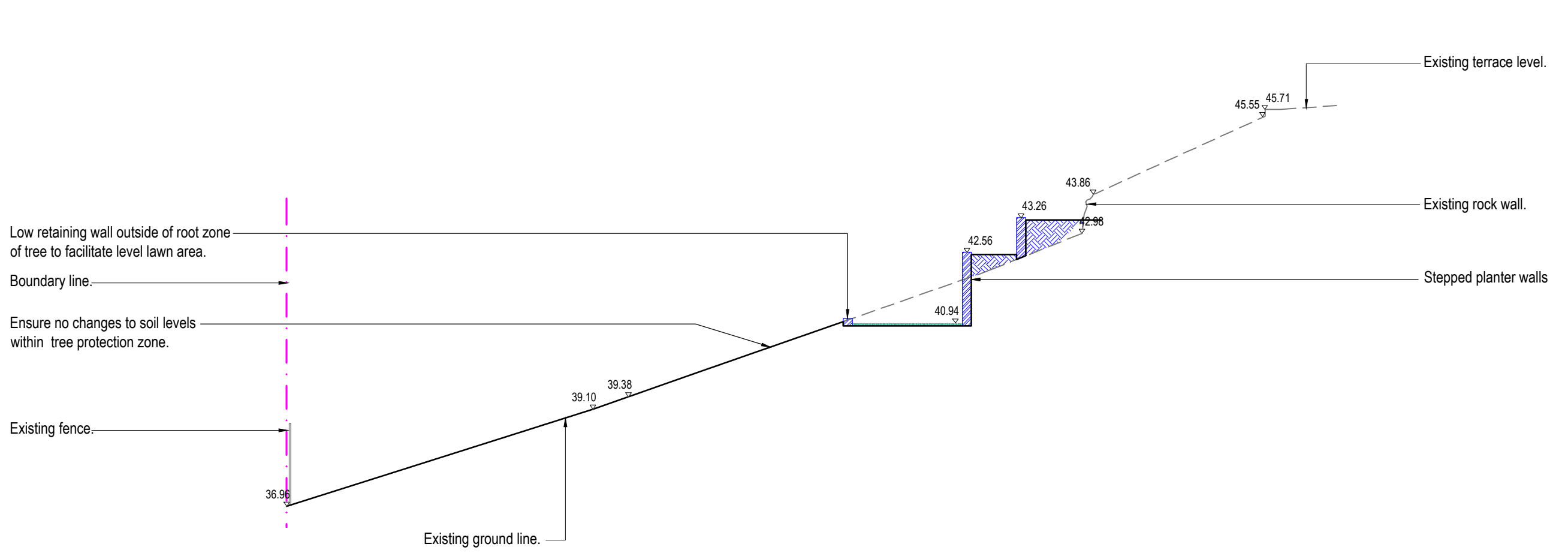
Rev:	Date:	Issue:	Checked:
A	21/10/2021	Preliminary Issue	BF
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C	10/05/2022	DA Issue	BF



Sectional Elevation CC
Scale 1:100



Sectional Elevation DD
Scale 1:100



Sectional Elevation EE
Scale 1:100

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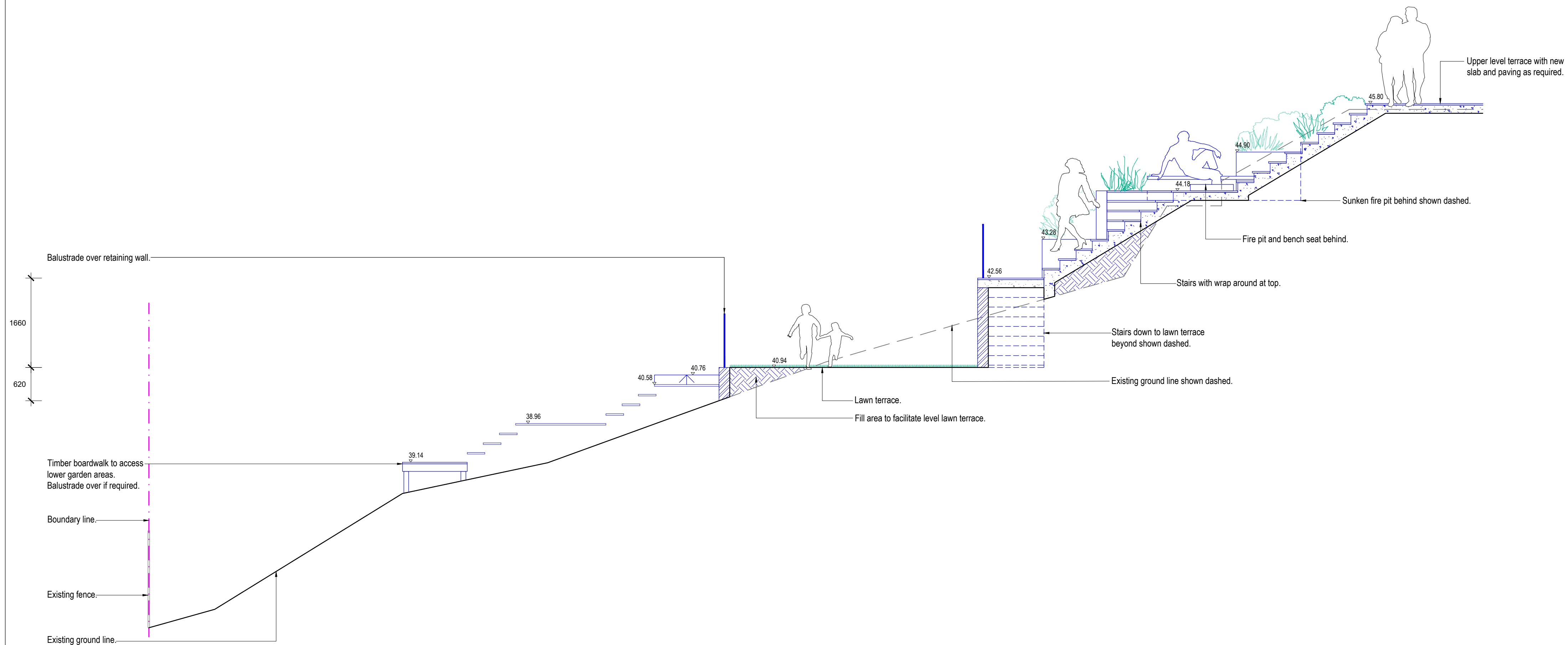
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Client: **Sean Herrington**

Site Address: **30 Herbert Avenue Newport**

Drawing Title: **Sectional Elevation**

Drawn by: Ben Danks TLA Member	Project Number: 21836	Scale: 1:100 @ A2	
Sheet Number: L-06 of 9			
Rev:	Date:	Issue:	Checked:
A	21/10/2021	Preliminary Issue	BF
B	24/03/2022	Preliminary Issue	BF
C	10/05/2022	DA Issue	BF



Sectional Elevation one
Scale 1:50

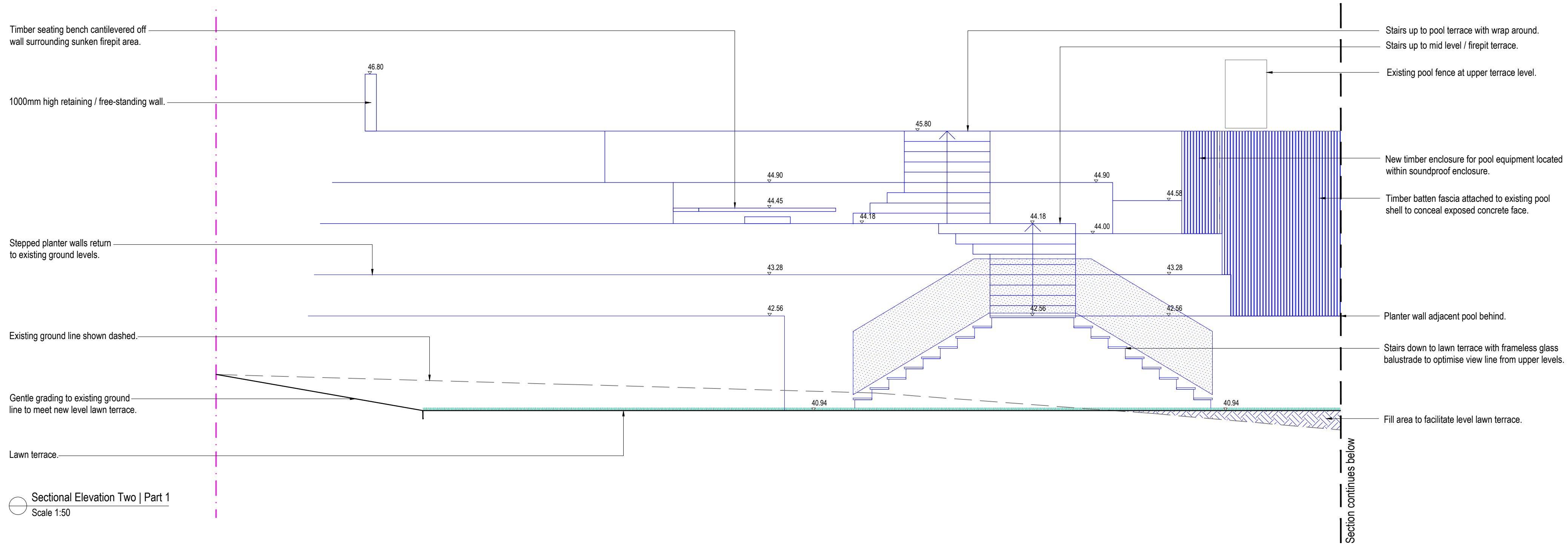
Note:
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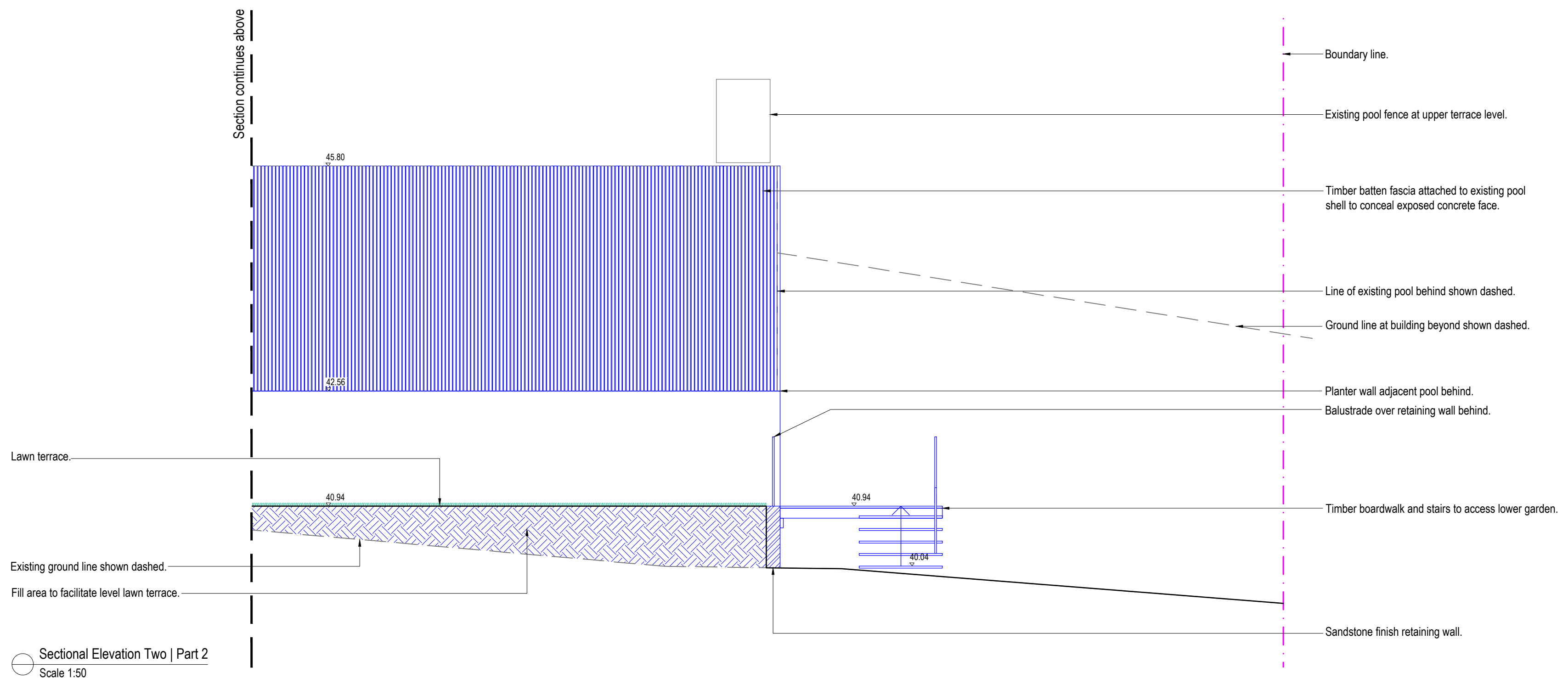
Client: **Sean Herrington**
 Site Address: **30 Herbert Avenue Newport**
 Drawing Title: **Sectional Elevation**

Drawn by: Ben Danks TLA Member	Project Number: 21836	Scale: 1:100 @ A2
Sheet Number: L-07 of 9		

Rev:	Date:	Issue:	Checked:
A	21/10/2021	Preliminary Issue	BF
B	24/03/2022	Preliminary Issue	BF
C	10/05/2022	DA Issue	BF



Sectional Elevation Two | Part 1
Scale 1:50



Sectional Elevation Two | Part 2
Scale 1:50

Note:
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Client: Sean Herrington			
Site Address: 30 Herbert Avenue Newport			
Drawing Title: Sectional Elevation			
Drawn by: Ben Danks TLA Member	Project Number: 21836	Scale: 1:100 @ A2	
Sheet Number: L-08 of 9			
Rev:	Date:	Issue:	Checked:
A	21/10/2021	Preliminary Issue	BF
B	24/03/2022	Preliminary Issue	BF
C	10/05/2022	DA 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.

TIMBER DECK, STAIRS & BENCH SEATS

Supply and install timber deck, stairs and bench seats to BCA requirements and to Australian Standards. All framing timber posts to be treated pine. All decking, steps and bench seats to be hardwood. Decking to be fixed using stainless steel countersink nails or screws. Decking boards up to 86mm space with 3mm gaps, boards over 86mm space with 5mm gaps. Stagger joints and ensure all joins in decking boards sit over a joist. Pre drill nail holes into decking boards to avoid splitting. Nail to be 12mm from edges and ends of boards. Nails driven flush with surface (not punched). Each decking board should be nailed to each joist with two nails as per AS1684 or in accordance with manufacturers instructions.

Supply and install 2 coats of oil. Ensure minimum 300mm clearance between bearer & ground level to provide adequate airflow around structure.

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.

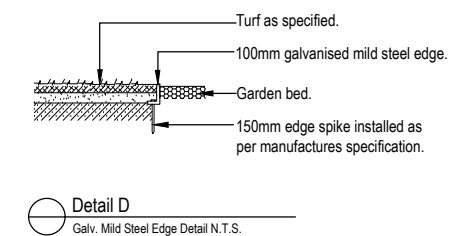
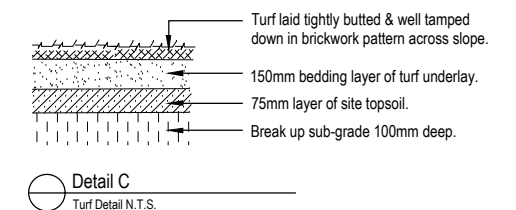
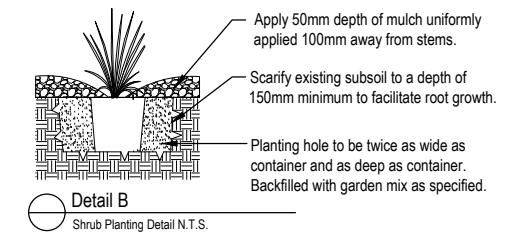
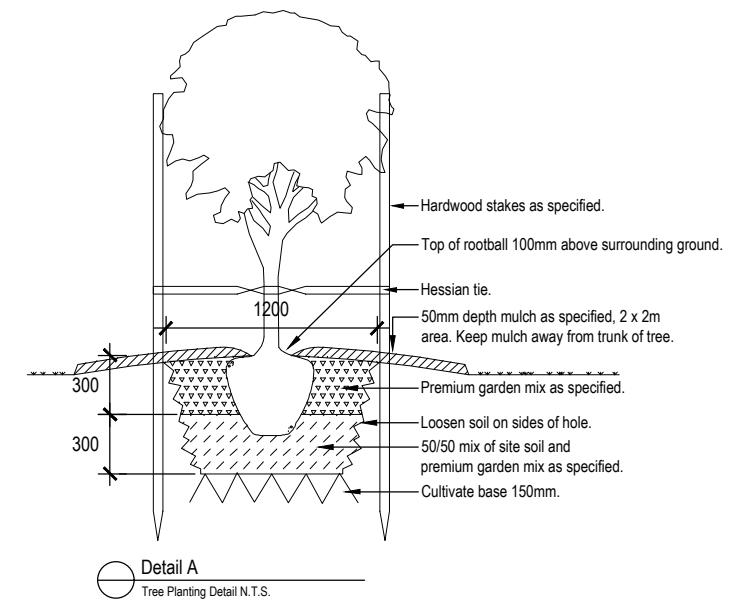
WATERING

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 mulch/ground covers as specified.

RETAINING WALLS & PLANTER BOXES



Note:
- Contractors to check and verify all dimensions and all levels on site prior to any works.
- Any discrepancies should be immediately referred to Serenescapes Landscape Designs.
- All work to comply with B.C.A. Statutory Authorities and relevant Australian Standards.
- Dimensions recognised over scaling. All measurements are in millimetres.
- Copyright Serenescapes Landscape Designs 2022.

 Serenescapes Landscape Designs ABN 71 611 726 222	Suite 54, 14 Narabang Way Belrose NSW 2085 Tel: 02 9986 2157 info@serenescapes.com.au www.serenescapes.com.au	Client: Sean Herrington		Drawing Title: Landscape Specification & Details			Rev: A	Date: 21/10/2021	Issue: Preliminary Issue	Checked: BF
		Site Address: 30 Herbert Avenue Newport		Drawn by: Ben Danks TLA Member	Project Number: 21836	Scale: NTS @ A3	Sheet Number: L-09 of 9	B	24/03/2022	Preliminary Issue
							C	10/05/2022	DA Issue	BF