

LANDSCAPE DESIGN

Fairvale High School

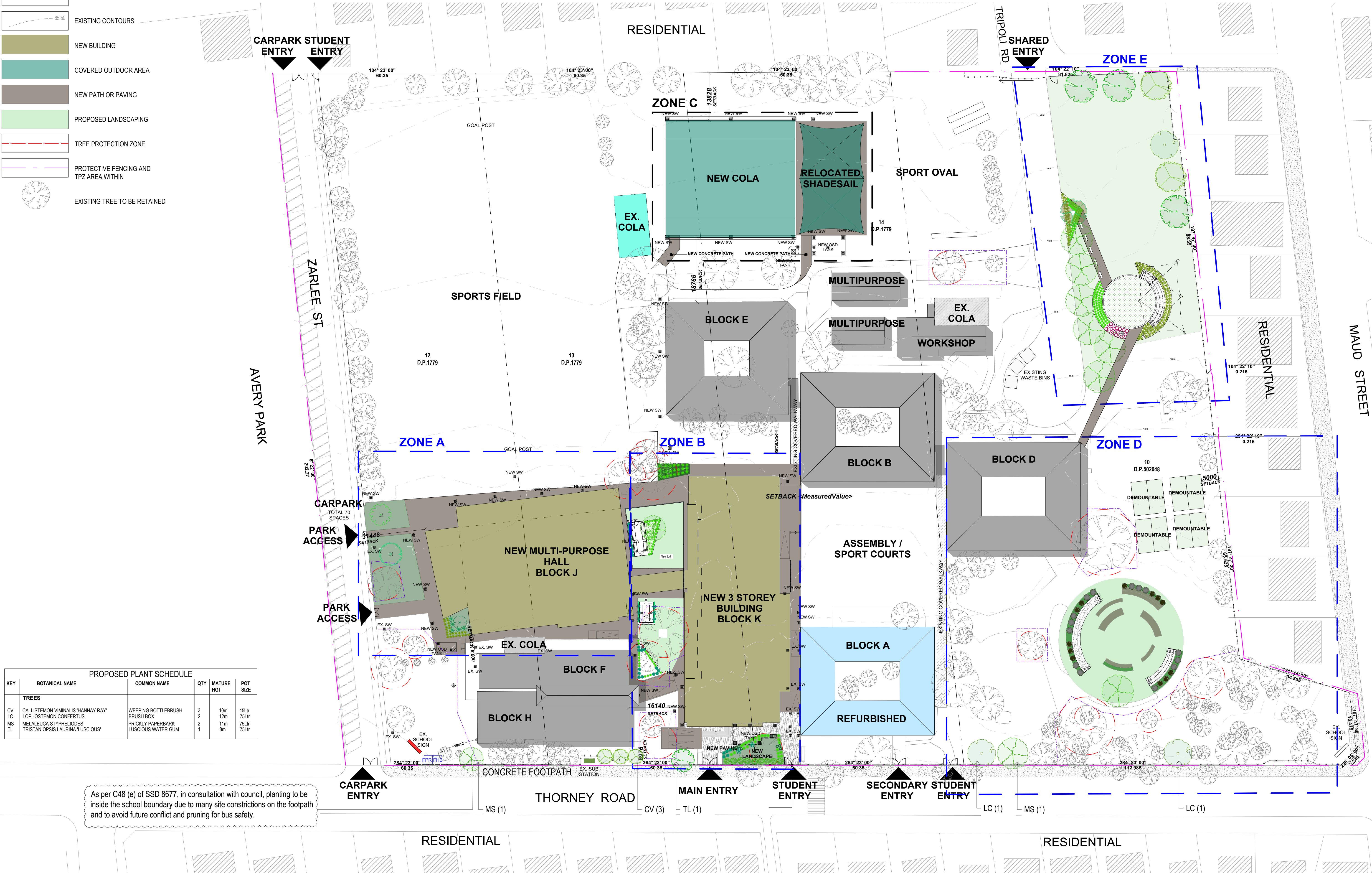
Thorney Road, Fairfield West, NSW 2165

DRAWING LIST

SHEET No.	SHEET NAME	SCALE
L-000	COVER SHEET	
L-010	SITE LANDSCAPE PLAN	1:500
L-020	LANDSCAPE PLAN - ZONE A	1:100
L-030	LANDSCAPE PLAN - ZONE B	1:100
L-031	LANDSCAPE PLAN - ZONE B	1:100
L-040	LANDSCAPE PLAN - ZONE D	1:200

LEGEND

- SITE BOUNDARY
- EXISTING CONTOURS
- NEW BUILDING
- COVERED OUTDOOR AREA
- NEW PATH OR PAVING
- PROPOSED LANDSCAPING
- TREE PROTECTION ZONE
- PROTECTIVE FENCING AND TPZ AREA WITHIN
- EXISTING TREE TO BE RETAINED



PROPOSED PLANT SCHEDULE					
KEY	BOTANICAL NAME	COMMON NAME	QTY	MATURE HGT	POT SIZE
TREES					
CV	CALLISTEMON VIMINALIS 'HANNAY RAY'	WEeping BOTTLEBRUSH	3	10m	45Ltr
LC	LOPHOSTEMON CONFERTUS	BRUSH BOX	2	12m	75Ltr
MS	MELALEUCA STYPHELOIDES	PRICKLY PAPERBARK	2	11m	75Ltr
TL	TRISTANIOPSIS LAURINA 'LUSCIOUS'	LUSCIOUS WATER GUM	1	8m	75Ltr

As per C48 (e) of SSD 8677, in consultation with council, planting to be inside the school boundary due to many site constrictions on the footpath and to avoid future conflict and pruning for bus safety.

NOTES:

Consultants to check and verify all dimensions and all levels on site prior to any works.
Any discrepancies should be immediately referred to Space Landscape Designs.
All work to comply with B.C.A. Statutory Authorities and relevant Australian Standards.
Designers designed over zoning. All measurements are in millimetres.

Rev.	Date	Issue
A	17/03/20	Construction Issue
B	02/04/20	Relocated A/C units
C	14/04/20	Condition C48
D	22/04/20	Revised seating
E	04/05/20	Add trees as per C48

Checked
AE
AE
AE

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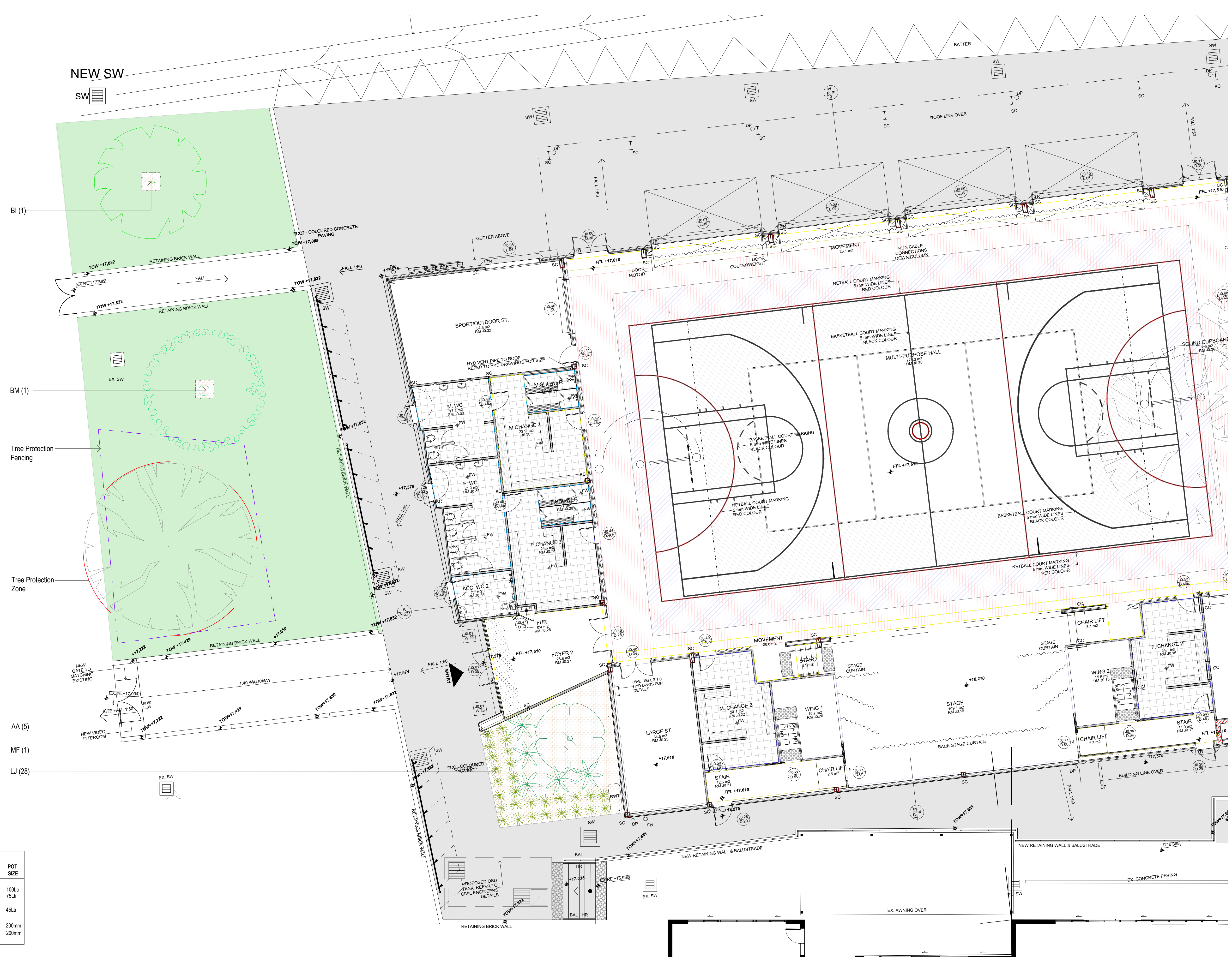
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PROJECT
Fairvale High School
ADDRESS
Thorney Road
Fairfield West

DRN: C.Wallace (B.L.Arch)
DATE: 17/03/2020
SCALE: 1:500@A1
PROJECT NO: 171443



SITE LANDSCAPE PLAN
L-010
Rev E



NOTES:	Rev. Date Issue A 17/03/20 Construction Issue	Checked AE	Contractors to check and verify all dimensions and all levels on site prior to any works. Any discrepancies should be immediately referred to Space Landscape Design. All works to comply with S.C.A. Statutory Authorities and relevant National Standards. Dimensions recognised over scaling. All measurements are in millimetres.	Space Landscape Designs Pty Ltd ABN 60 799 663 674 ACN 139 316 251 info@spacedesigns.com.au spacedesigns.com.au P 02 9905 7870 F 02 9905 7657 Suite 138, 117 Old Pittwater Rd, Bongahra NSW 2106	DATE: 17/03/2020 SCALE: 1:100@A1 PROJECT NO: 171443 Fairvale High School Thorney Road Fairfield West LANDSCAPE PLAN-ZONE A L-020 Rev A
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PROPOSED PLANT SCHEDULE					
KEY	BOTANICAL NAME	COMMON NAME	QTY	MATURE HGT	POT SIZE
PU	TREES				
	PYRUS USSURIENSIS TRISTANIOPSIS LAURINA 'LUSCIOUS'	MANCHURIAN PEAR USSURIAN WATER GUM	1 1	9m 8m	100Ltr 100Ltr
DE	SHRUBS				
	DORYANTHES EXCELSA	GYMEA LILY	17	1.5m	250mm
LT PT	GRASSES / GROUND COVERS				
	LOMANDRA LONGIFOLIA 'TANIKAI' PHORMIUM TENAX 'SWEET MIST'	TANIKAI SWEET MIST	38 16	0.6m 0.4m	200mm 200mm

NOTES:

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Dimensions recognised over scaling. All measurements are in millimetres.

Rev.	Date	Issue
A	17/03/20	Construction Issue

Checked
AE

PROJECT Fairvale High School

ADDRESS Thorney Road
Fairfield West

DRN:	C.Wallace (B.LArch)
DATE:	17/03/2020
SCALE:	1:100@A1
PROJECT NO:	171443

LANDSCAPE PLAN-ZONE B
L-030 Rev. A

Rev A

S P A C E
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LEGEND

SITE BOUNDARY

EXISTING CONTOURS

TIMBER GARDEN EDGE

PROPOSED COLOURED CONCRETE PAVING

NEW TURF

MULCH

TREE PROTECTION ZONE

PROTECTIVE FENCING AND TPZ AREA WITHIN

EXISTING TREE TO BE RETAINED

ADJOINS LANDSCAPE MIDDLE - NORTH

LS (6) LM (14)

Access
steppers

NEW BRICK EDGE

A/C CONDENSER UNITS
CONCRETE
+17.500

DE (4)

FALL

NEW BRICK RETAINING WALL

TO W
+17.845

EX SW

+16.975

PT (12)

LT (20)

FALL

LANDSCAPE MIDDLE
SCALE 1:100.

PROPOSED PLANT SCHEDULE					
KEY	BOTANICAL NAME	COMMON NAME	QTY	MATURE HGT	POT SIZE
DE RI WN	SHRUBS				
	DORYANTHES EXCELSA	GYMEA LILY	4	1.5m	250mm
	RHAPHIOLEPIS INDICA 'COSMIC PINK'	COSMIC PINK	7	0.7m	250mm
	WESTRINGIA 'NARINGA'	NARINGA	9	2m	250mm
LJ LM LS LT PT	GRASSES / GROUND COVERS				
	LIRIOPE MUSCARI 'JUST RIGHT'	JUST RIGHT	26	0.5m	200mm
	LIRIOPE MUSCARI 'ISABELLA'	ISABELLA	14	0.4m	200mm
	LOMANDRA HYSTRIX 'LUCKY STRIPE'	LUCKY STRIPE	11	0.8m	200mm
	LOMANDRA LONGIFOLIA 'TANIKA'	TANIKA	50	0.6m	200mm
	PHORMIUM TENAX 'SWEET MIST'	SWEET MIST	17	0.4m	200mm

Refer to Plan L-010 for
planting details

LJ (26)

NEW BRICK GARDEN EDGE

PROPOSED OSD
TANK 2. REFER TO
CIVIL ENGINEERS
DETAILS

EXISTING PEDESTRIAN ENTRY

PT (5)

WN (9)

RI (4)

LS (5)

RI (3)

LT (30)

LANDSCAPE MIDDLE - SOUTH
SCALE 1:100.

NOTES:
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- Dimensions designed over existing. All measurements are in millimetres.

Rev.	Date	Issue	Checked
A	17/03/20	Construction Issue	AE
B	02/04/20	Re-scale A/C Units	AE
C	04/05/20	Add trees as per C48	AE

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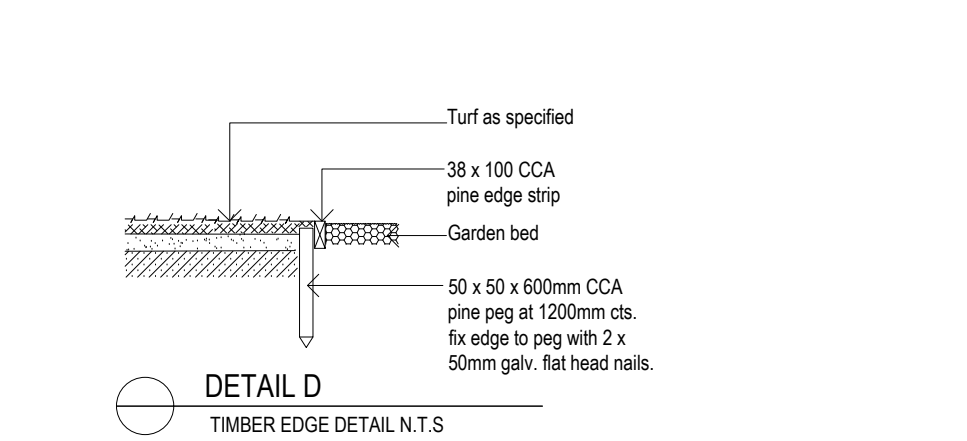
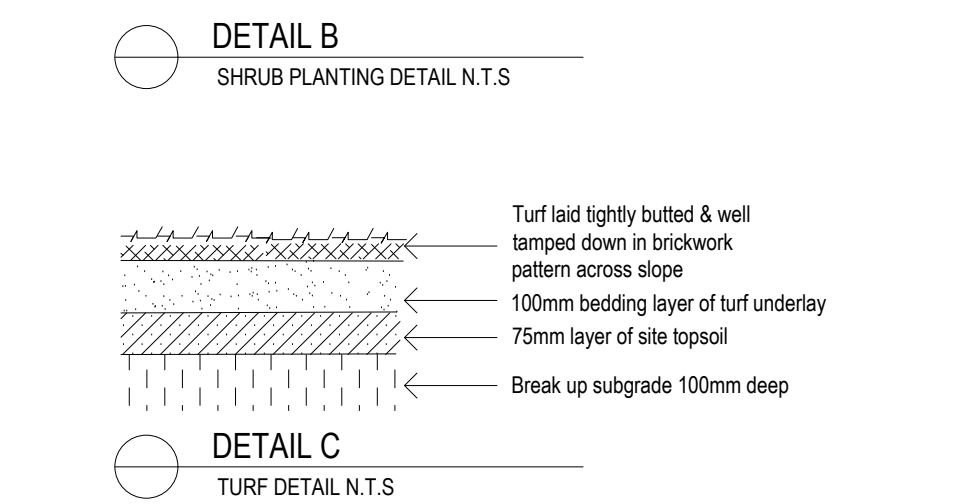
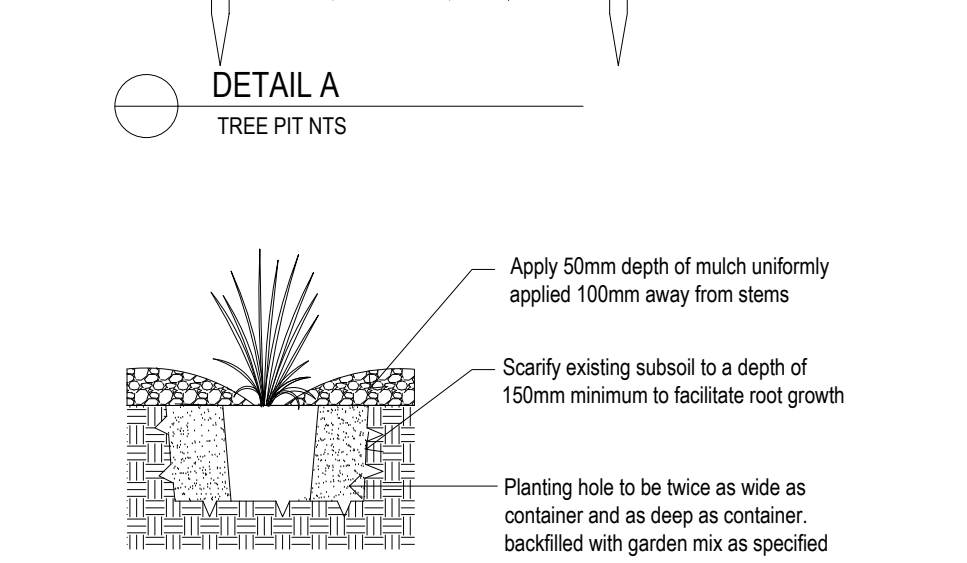
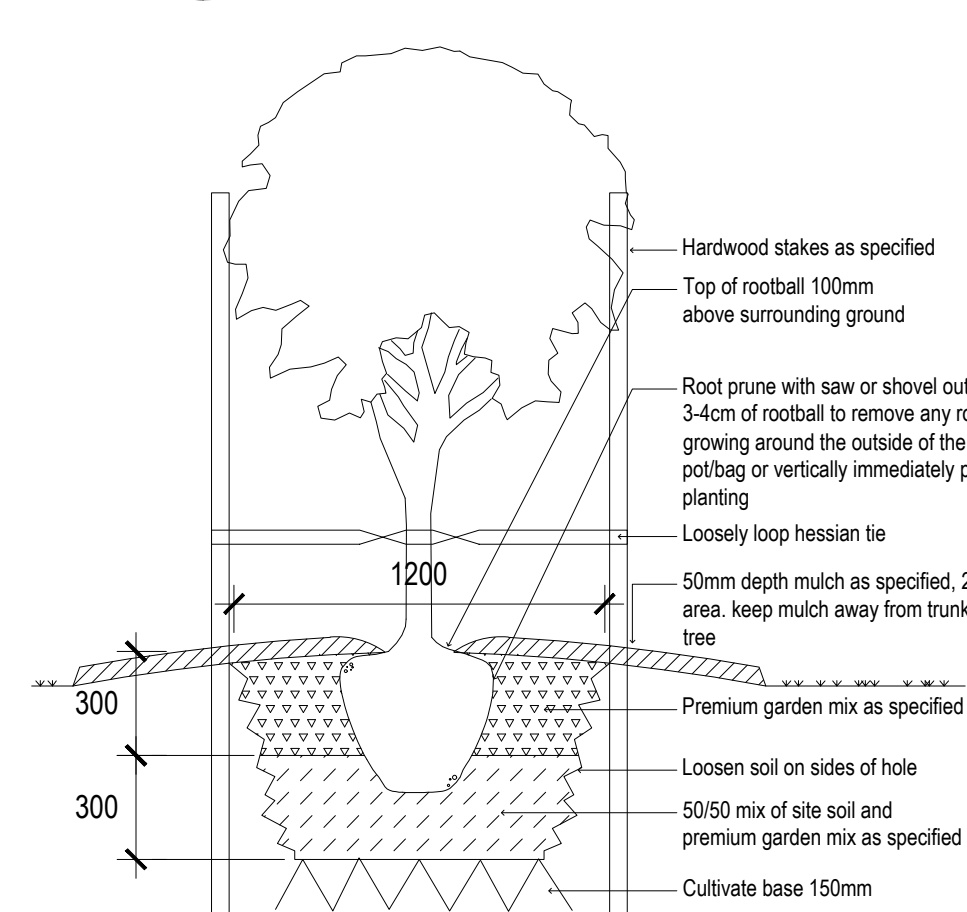
PROJECT
Fairvale High School
ADDRESS
Thorney Road
Fairfield West

DRN: C.Wallace (B.LA/ch)
DATE: 17/03/2020
SCALE: 1:100@A1
PROJECT NO: 171443

LANDSCAPE PLAN-ZONE B
L-031
Rev C

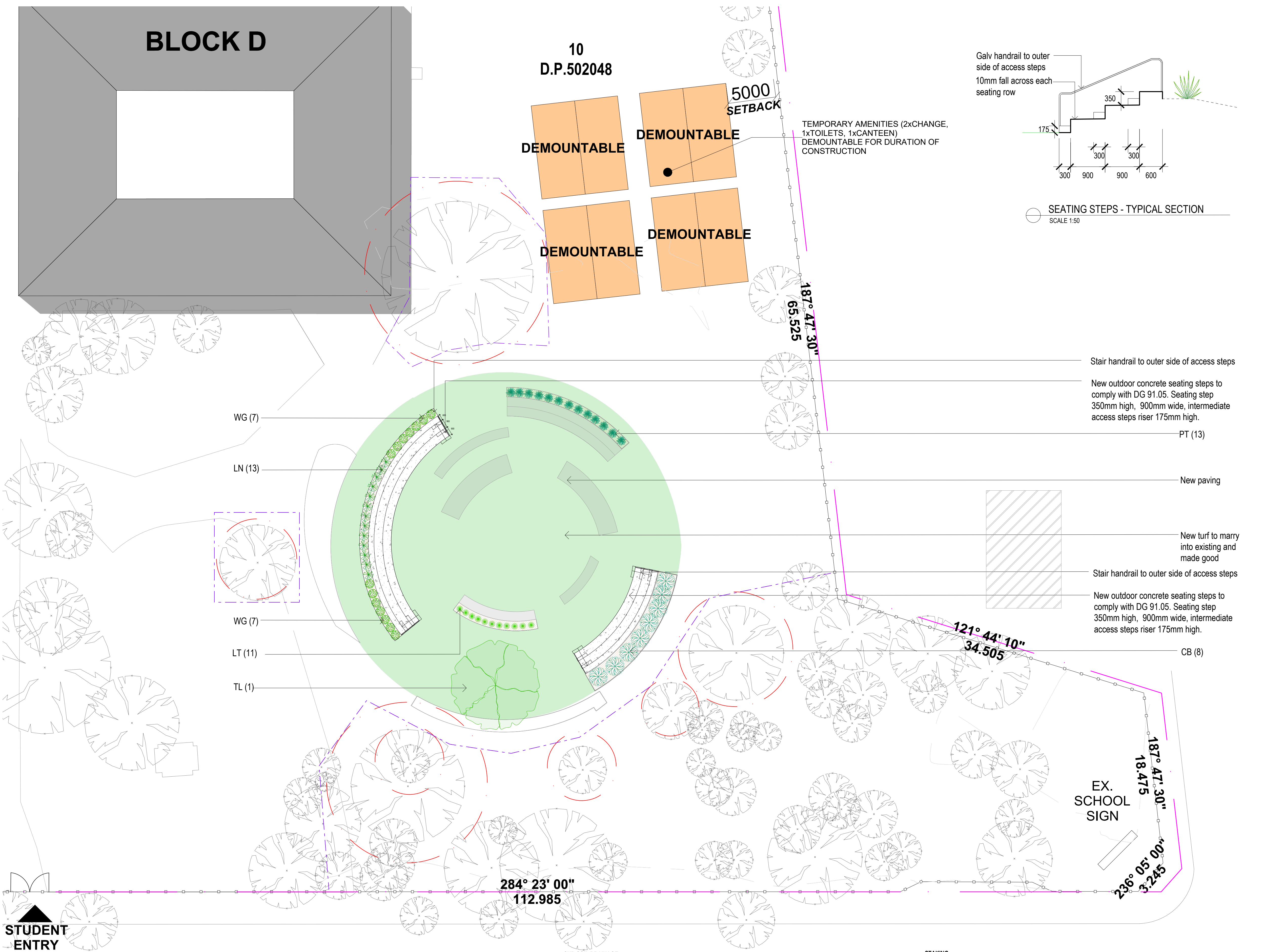
LEGEND

- SITE BOUNDARY
- EXISTING CONTOURS
- TIMBER GARDEN EDGE
- PROPOSED COLOURED CONCRETE PAVING
- NEW TURF
- MULCH
- TREE PROTECTION ZONE
- PROTECTIVE FENCING AND TPZ AREA WITHIN
- EXISTING TREE TO BE RETAINED



PROPOSED PLANT SCHEDULE					
KEY	BOTANICAL NAME	COMMON NAME	QTY	MATURE HGT	POT SIZE
TL	TREES TRISTANOPSIS LAURINA 'LUSCIOUS'	LUSCIOUS WATER GUM	1	8m	100Ltr
CB	SHRUBS CALLISTEMON 'MINNA'S BETTER JOHN'	BETTER JOHN BOTTLEBRUSH	8	1m	250mm
WG	WESTRINGIA FRUTICOSA 'GREY BOX'	GREY BOX WESTRINGIA	14	0.4m	250mm
LN	GRASSES / GROUND COVERS LOMANDRA LONGIFOLIA 'NYALLA'	NYALLA	13	0.8m	200mm
LT	LOMANDRA LONGIFOLIA 'TANIKA'	TANIKA	11	0.6m	200mm
PT	PHORMIUM TENAX 'SWEET MIST'	SWEET MIST	13	0.4m	200mm

NOTES:	Rev.	Date	Issue	Checked
Contractors to check and verify all dimensions and all levels on site prior to any works. Any discrepancies should be immediately referred to Space Landscape Designs. All work to comply with B.C.A. Safety Standards and relevant Australian Standards. Contractors to design and construct all works. All measurements are in millimetres.	A	17/03/2020	Construction Issue	AE
	B	22/04/2020	Revised seating	AE



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:
Refer to Arborist Report.

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.

IMPORTED TOPSOIL
Quality System: AS 4419. Turf Areas: "Turf Underlay", Tree Pit and Shrub Planting: "Premium Garden Mix" as supplied by, ANL p: 02 9450 1444 or approved alternative.

TREE STOCK
Tree stock to be supplied by production nurseries in accordance with AS 2303:2015 Tree Stock for Landscape Use. Health & Vigour: Supply plants with foliage size, texture & colour consistent with that shown in healthy specimens of the species. Balance of Crown: Supply plants with max. variation in crown bulk on opposite sides of stem axis, +/- 20%. Stock selection should also be based on NATSPEC Guide Specifying Trees: a Guide to Assessment of Tree Quality.

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.

MULCHING
Quality system: AS 4454. All planting area impacted by building works to receive 50-75mm of garden Mulch, Droughtmaster, 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
Allow to make good and re-turf any areas with new works including trenches and pits. 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 subgrade 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. During the first 3 weeks, the area of new turf should not be accessible by students or used to allow the roots an opportunity to firmly knit with the soil.

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.

PROJECT: Fairvale High School

ADDRESS: Thorney Road Fairfield West

DRN: C.Wallace (B.LArch)

DATE: 17/03/2020

SCALE: 1:200@A1

PROJECT NO: 171443

NORTH

LANDSCAPE PLAN-ZONE D

L-040

Rev B

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RD ENTRY

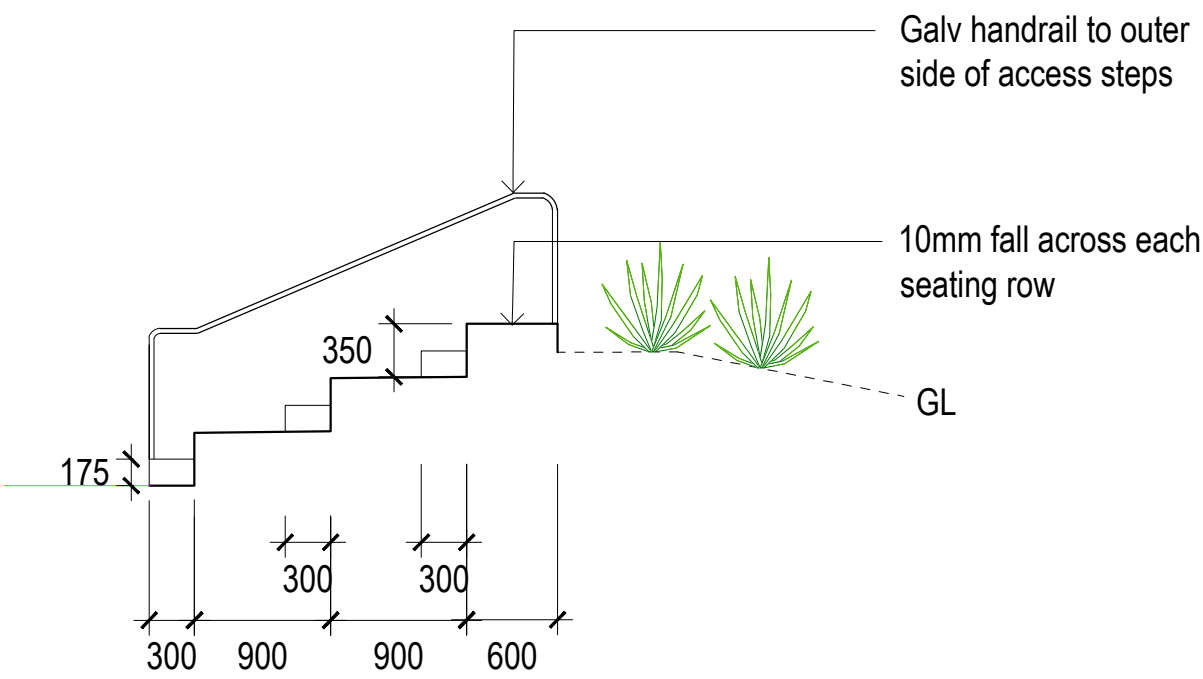
ZONE E

LEGEND

- SITE BOUNDARY
- EXISTING CONTOURS
- TIMBER GARDEN EDGE
- NEW PATH OR PAVING
- PROPOSED TURF
- PROPOSED ARTIFICIAL TURF
- MULCH
- TREE PROTECTION ZONE
- PROTECTIVE FENCING AND TPZ AREA WITHIN
- EXISTING TREE TO BE RETAINED

As per C48 (a) of SSD 8677, implementation of a landscape strategy for the northeast section of the site at the former demountable location that can include, but is not limited to:

- (i) new seating
- (ii) canopy trees
- (iii) public art
- (iv) shade structures
- (v) garden beds
- (vi) soft planting and
- (vii) planting schedule



SEATING STEPS - TYPICAL SECTION

SCALE 1:50

PROPOSED PLANT SCHEDULE						
KEY	BOTANICAL NAME	COMMON NAME	QTY	MATURE HGT	POT SIZE	
* AS CV GF * ML TL	TREES					
	ACMENA SMITHII	LILLY PILLY	3	12m	75Ltr	
	CALLISTEMON VIMINALIS 'HANNAY RAY'	WEeping BOTTLEBRUSH	1	10m	75Ltr	
	GLOCHIDION FERDINANDI	CHEESE TREE	2	10m	75Ltr	
	MELALEUCA LINARIFOLIA	SNOW IN SUMMER	1	10m	75Ltr	
ND	TRISTANOPSIS LAURINA 'LUSCIOUS'	LUSCIOUS WATER GUM	6	8m	75Ltr	
	SHRUBS					
LN LT	NANDINA DOMESTICA 'FLIRT'	FLIRT	17	0.3m	200mm	
	GRASSES / GROUND COVERS					
LT	LOMANDRA LONGIFOLIA 'NYALLA'	NYALLA	101	0.8m	200mm	
	LOMANDRA LONGIFOLIA 'TANIKA'	TANIKA	128	0.6m	200mm	

* Denotes locally endemic native trees

CV (1)

Mulched garden bed

LN (27)

LT (56)

Bench seating

Mulched garden bed

LT (72)

TL (6)

ND (17)

Location of future public art selected by school

EXISTING WASTE BINS

New path

As per C48 (d) of SSD 8677, Provision of at least an additional six mature shade providing canopy trees (locally endemic native species) have been provided

GF (1)

AS (2)

ML (1)

GF(1)

AS (1)

Stair handrail to outer side of access steps

New outdoor concrete seating steps to comply with DG 91.05. Seating step 350mm high, 900mm wide, intermediate access steps riser 175mm high.

Batter turf down to natural ground level

Shade structure over Garden bed 300mm below seat and graded evenly down to existing ground level

LN (74)

Mulched garden bed

RESIDENTIAL

MAUD STREET

104° 22' 10" 0.215

187° 47' 30" 88.39

104° 22' 10" 81.825

Artificial turf

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- Dimensions designed over existing. All measurements are in millimetres.

Rev. | Date | Issue
A | 14/04/20 | Construction Issue
B | 22/04/20 | Revised seating

Checked
AE
AE

SPACE
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NORTH

LANDSCAPE PLAN-ZONE E
L-050

Rev B