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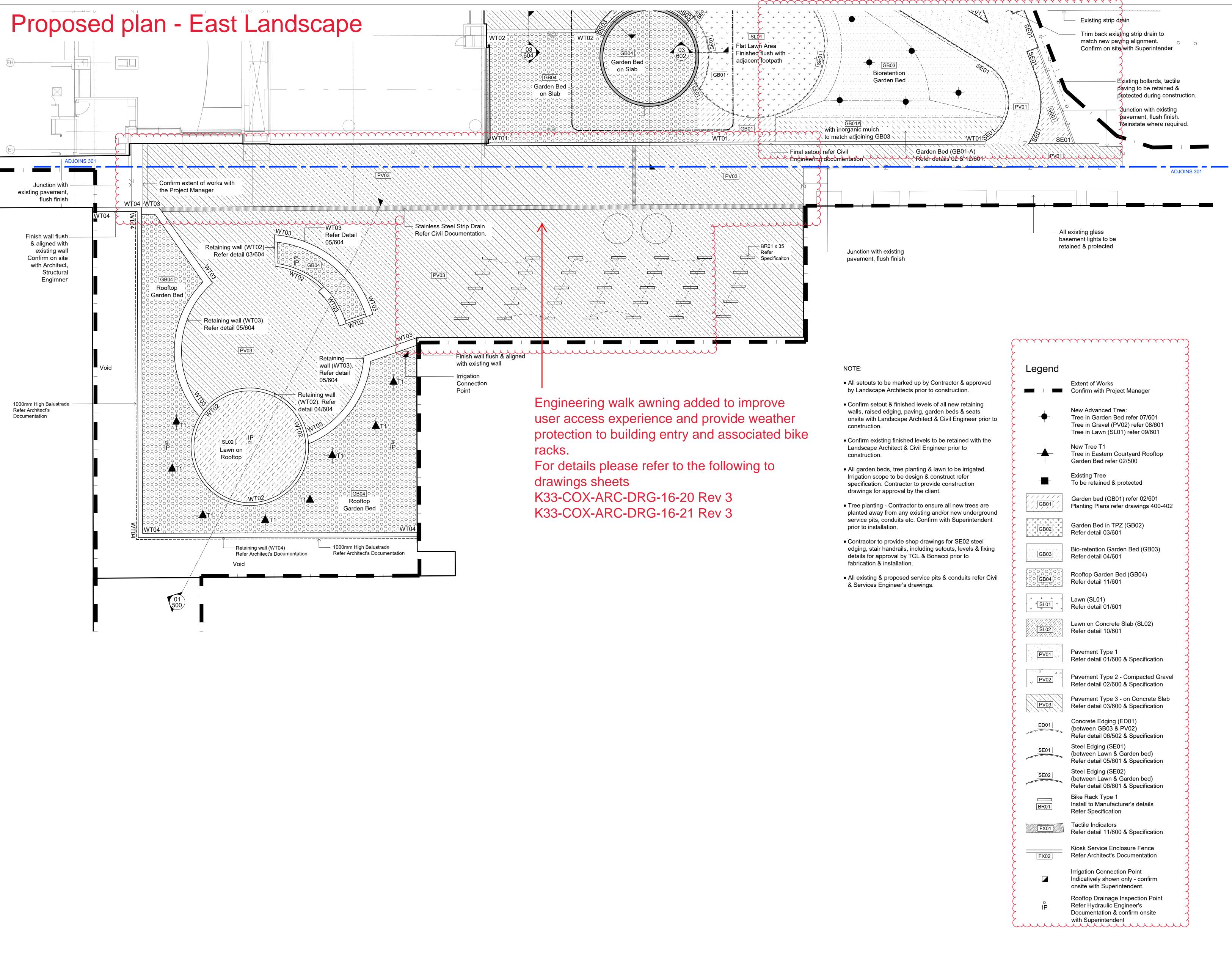


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B1 DRAWING SHEET

Cox Architecture Pty Ltd ACN 002 535 891

27/06/2018 9:19:52 AM



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Rev	Description	Ву	Date
C1	FOR CONSTRUCTION	SS	30/10/20
	FOR CLARITY	SK	23/01/202
	FOR CONSTRUCTION	SK	31/07/20





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THE UNIVERSITY OF

SYDNEY ETP STAGE 1

Electrical Engineering Building University in Darlington, NSW 2008

Drawing Title

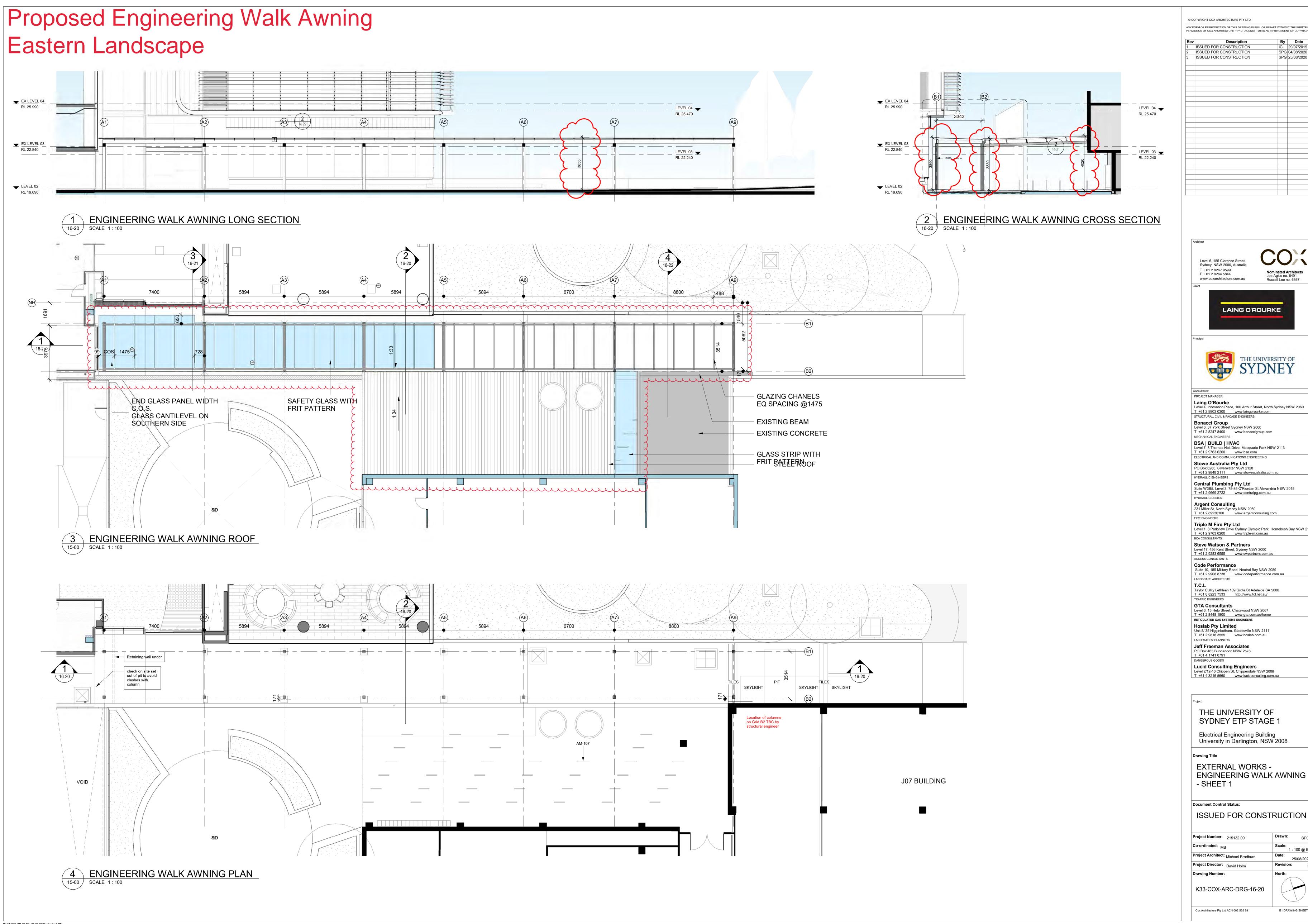
Surfaces Plan 03 Eastern Courtyard

Document Control Status:

FOR CONSTRUCTION

Project Number:	215132.00	Drawn: SS / SK
Co-ordinated:	SB	Scale: 1:100 @ B1
Project Architect:	TCL	Date: 31/07/2020
Project Director:	DS	Revision: C3
Drawing Number:		North:

K33-TCL-LAS-DRG-00302



By Date IC 29/07/2019 SPG 04/08/2020







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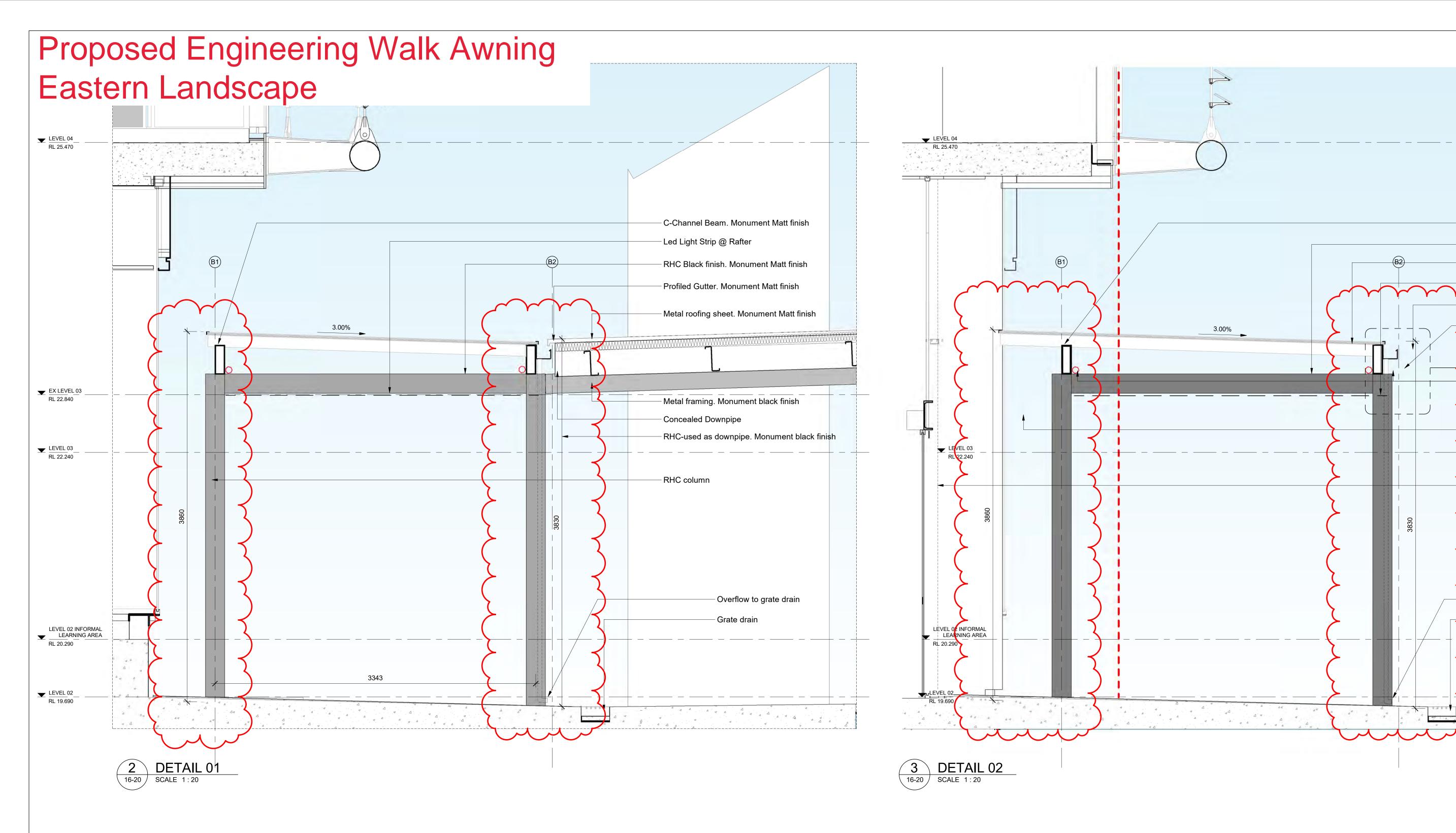
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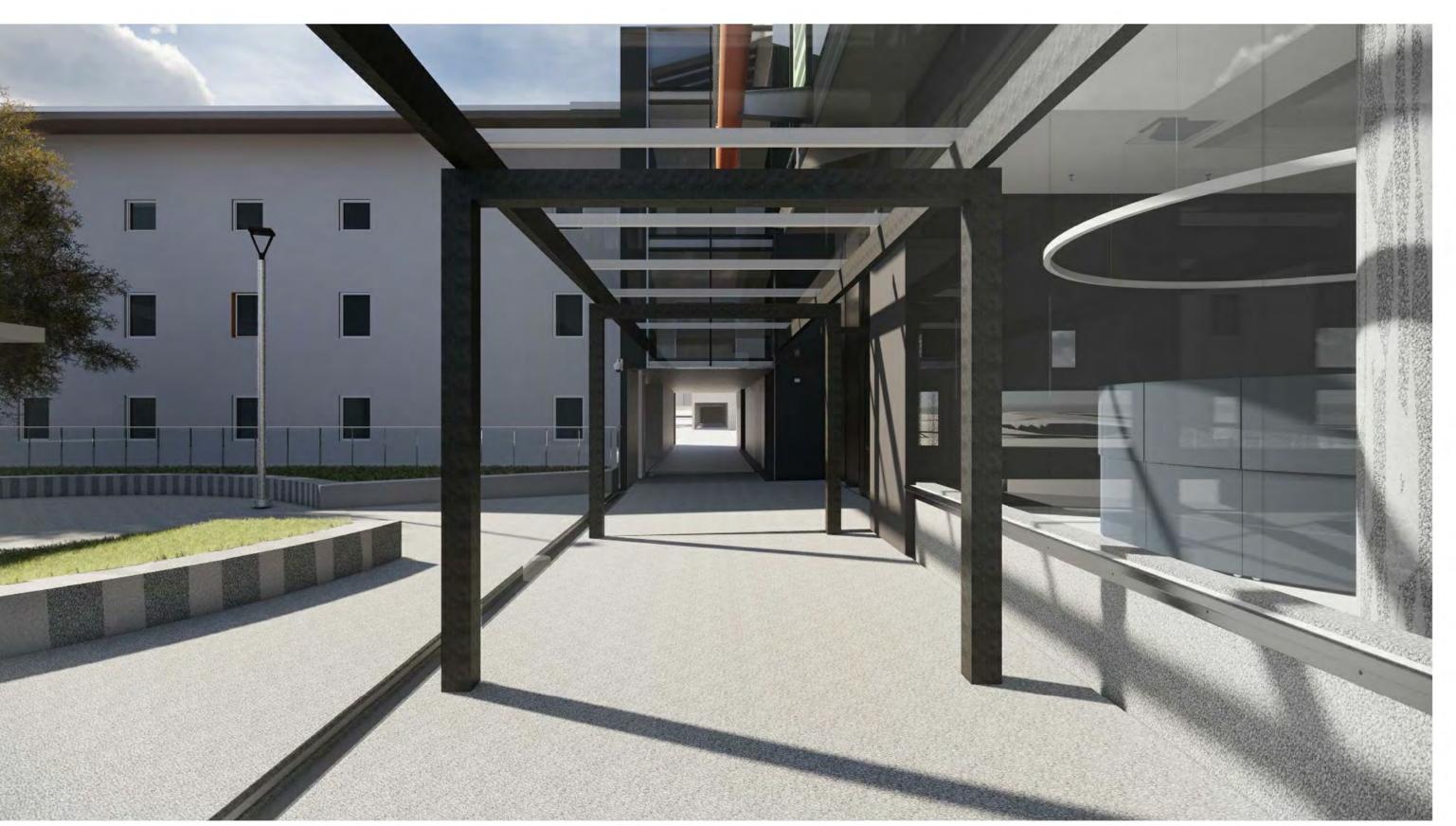
SYDNEY ETP STAGE 1

ENGINEERING WALK AWNING

210102.00	31
Co-ordinated: MB	Scale: 1:100@
Project Architect: Michael Bradburn	Date: 25/08/20
Project Director: David Holm	Revision:
Drawing Number:	North:







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Led Light Strip @ Rafter

Concealed Downpipe

- Sprinkler Main Pipe

Engineering Walk

- FT04 Mullion

- Awning connecting J07 to

Overflow to grate drain

- Grate drain







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THE UNIVERSITY OF SYDNEY ETP STAGE 1

Electrical Engineering Building University in Darlington, NSW 2008

EXTERNAL WORKS -ENGINEERING WALK AWNING - SHEET 2

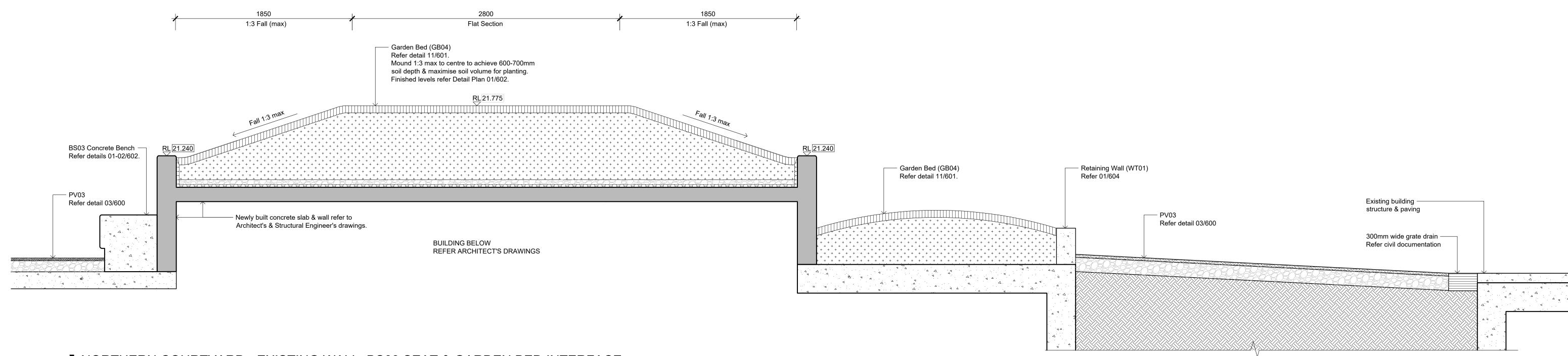
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Project Number: 215132.00	Drawn: SPG
Co-ordinated: Sandra Pamplona Gascon	Scale: 1:20 @ B
Project Architect: Michael Bradburn	Date: 25/08/202
Project Director: David Holm	Revision: 3
Drawing Number:	North:
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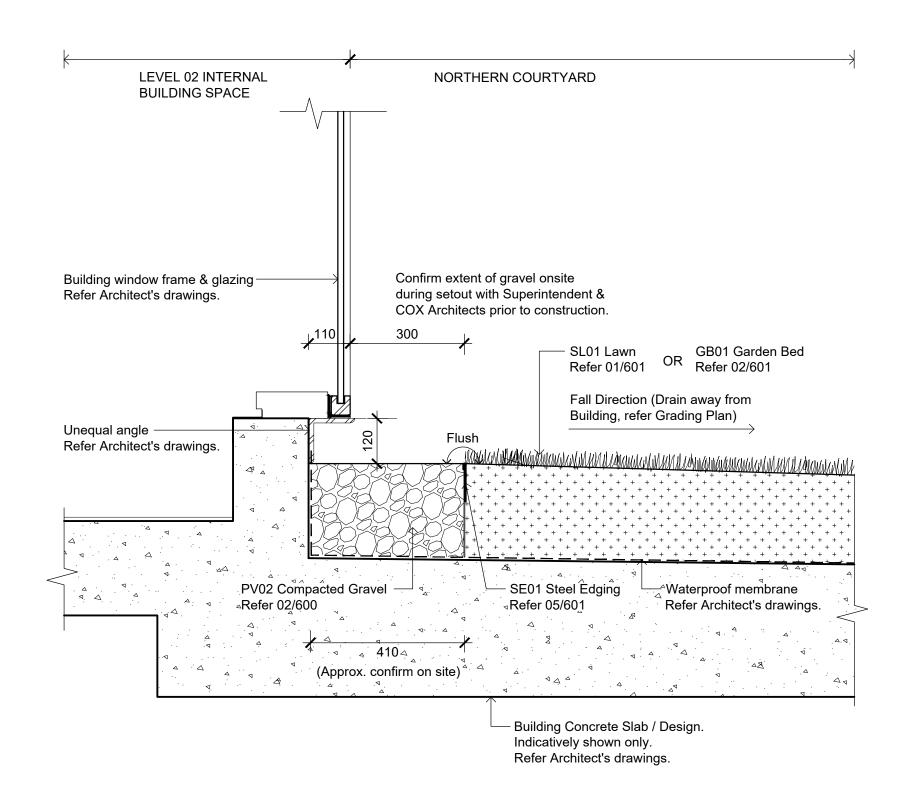
K33-COX-ARC-DRG-16-21

Proposed sections - North Landscape



01 NORTHERN COURTYARD - EXISTING WALL, BS03 SEAT & GARDEN BED INTERFACE
Section

Scale 1:20



02 BUILDING INTERFACE - WINDOW FRAME & LAWN (SL01)
Section - Northern Courtyard Scale 1:10

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THE UNIVERSITY OF SYDNEY ETP STAGE 1

Electrical Engineering Building University in Darlington, NSW 2008

Drawing Title

Sections 02 Northern Courtyard Details

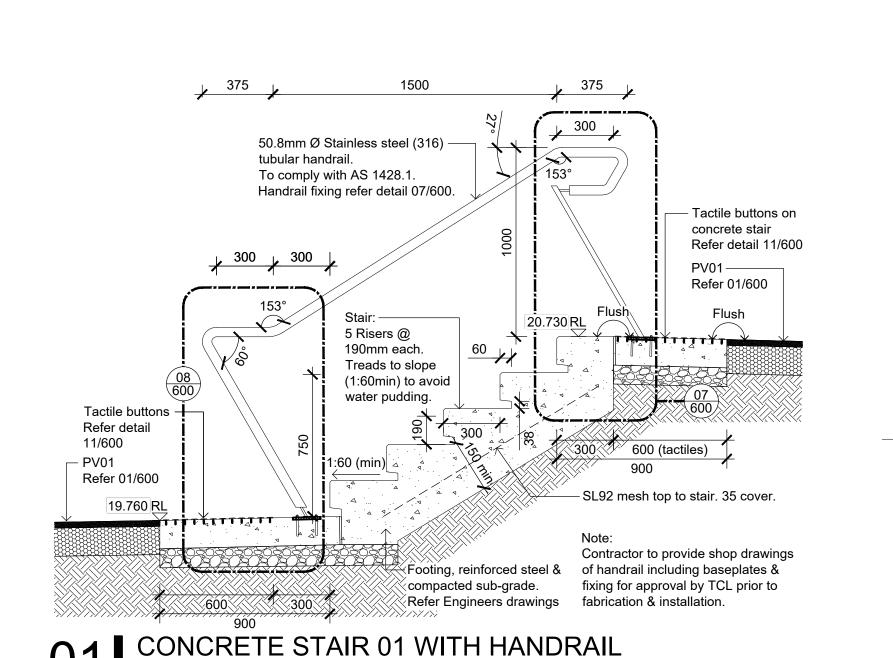
Document Control Status:

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Co-ordinated:	SB / SK	Scale:	Varies @ B	31
Project Architect:	TCL	Date:	25/08/202	20
Project Director:	DS	Revision	on:	C5
Drawing Number:				

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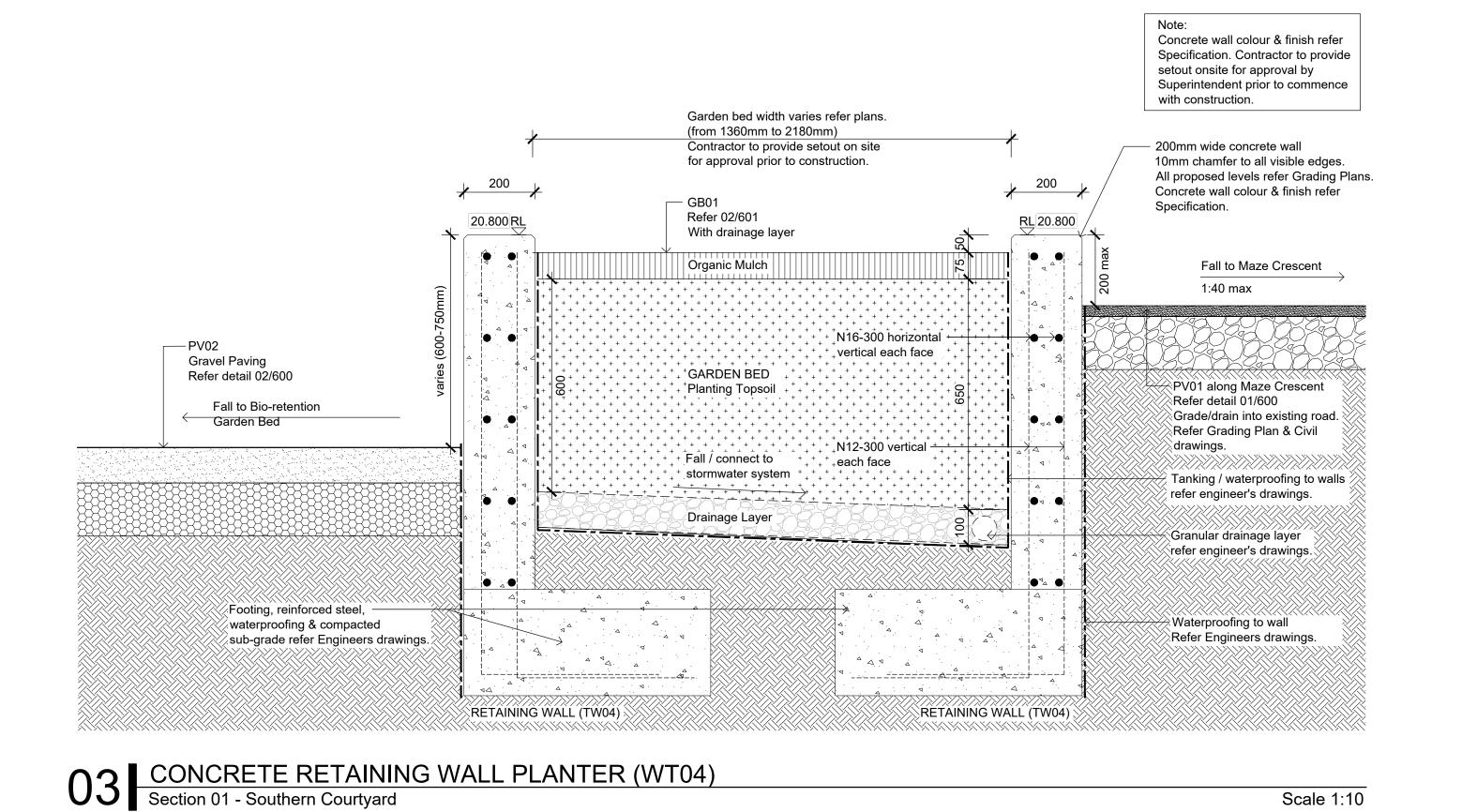
Proposed sections - Southern Landscape



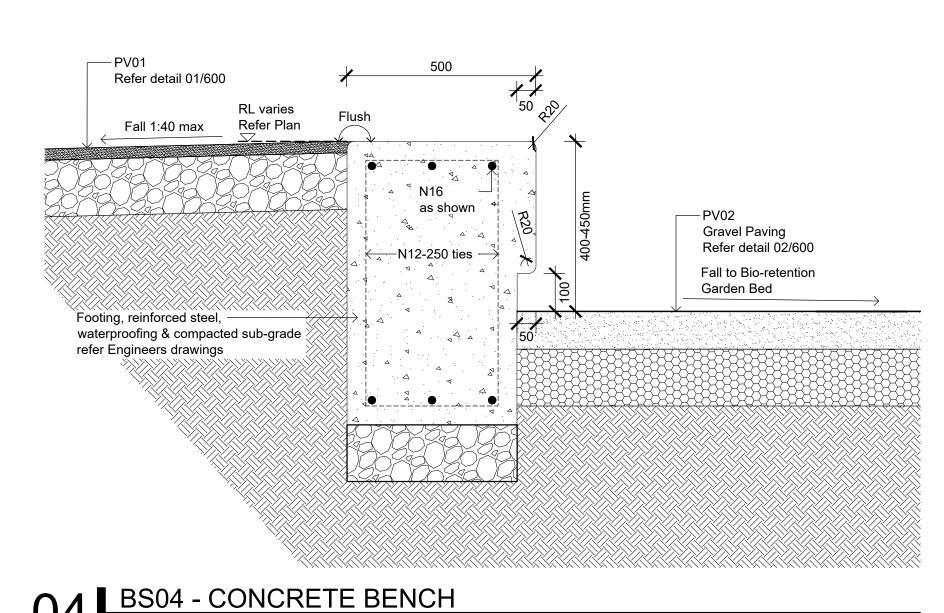
BIO-RETENTION GARDEN BED (GB03) (1 in 4 section) GB03 - BIO-RETENTION **GARDEN BED** Refer 04/601 Concrete edging **Gravel Paving** BS01- Concrete Refer 06/502 Refer detail 02/600 Integrally coloured With binding agent refer specification seating wall. to reduce loose particles. Refer detail 01/600 Fall 1:40 Compacted sub-base Refer to Engineer's documentation Footing, reinforced steel & compacted sub-grade. Refer engineers drawings All drainage & final grading Refer engineers drawings

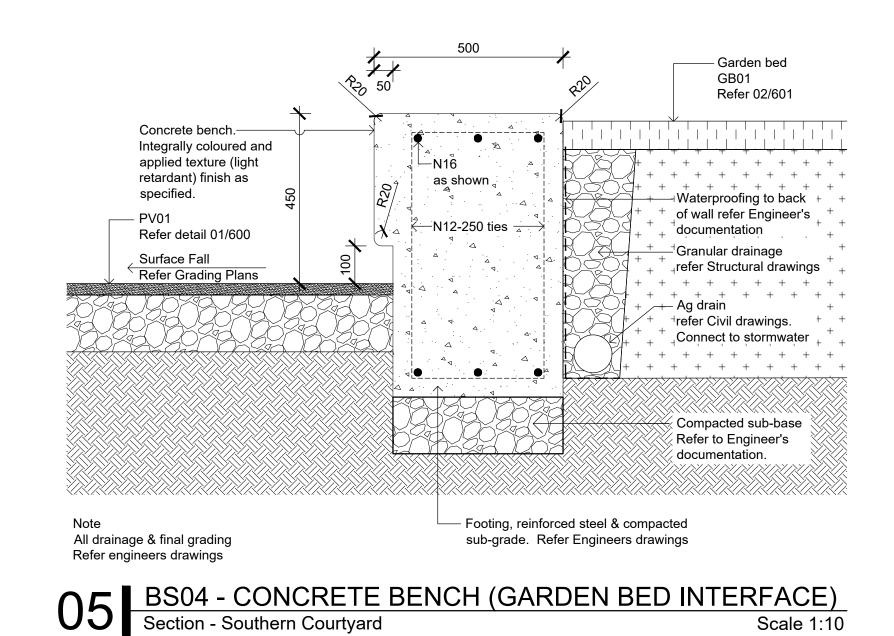
02 BS01 - CONCRETE SEATING WALL - AROUND BIO-RETENTION BASIN
Section - Northern Courtyard

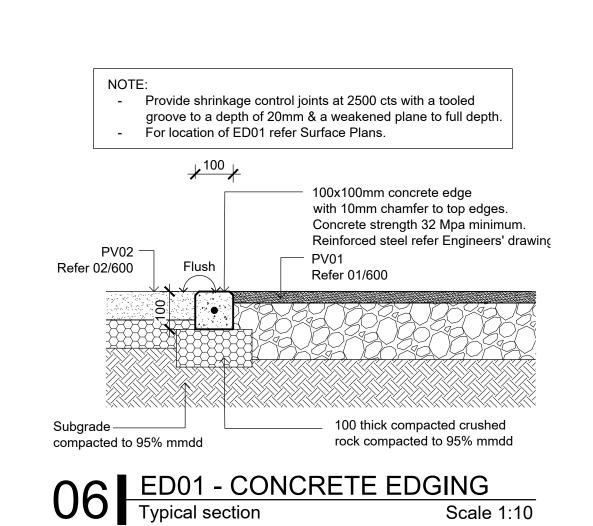
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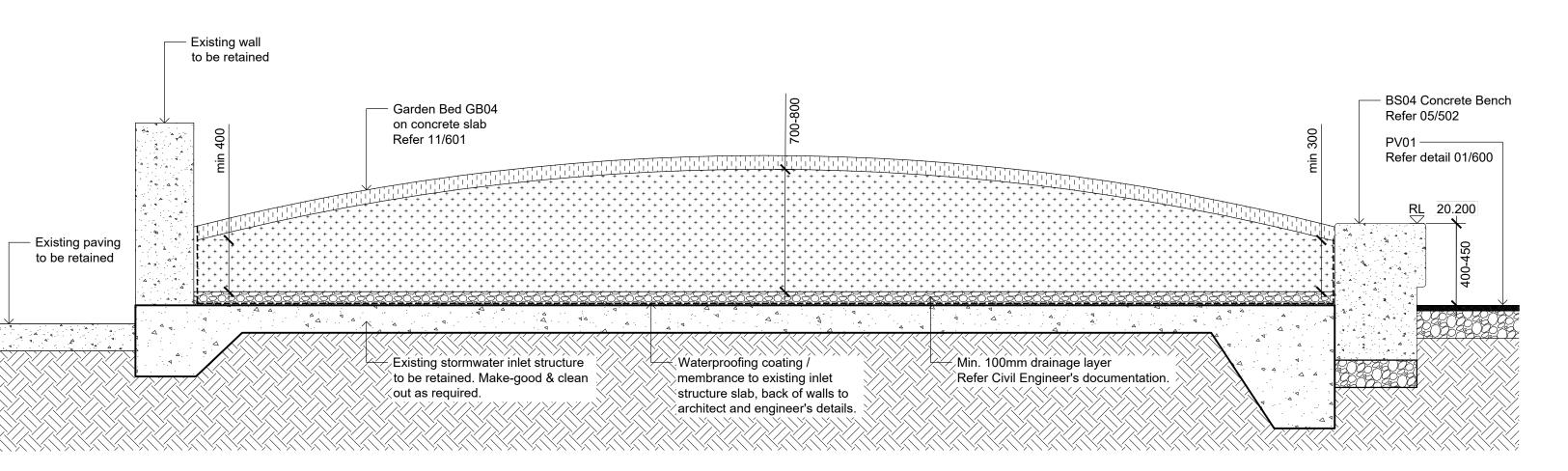


Scale 1:20









Scale 1:10

07 EXISTING STORMWATER INLET STRUCTURE WITH PLANTING (GB04)
Section

Landscape Architec

109 Grote Street
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TAYLOR.CULLITY.LETHLEAN





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Project

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Electrical Engineering Building
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Sections 03
Southern Courtyard Details

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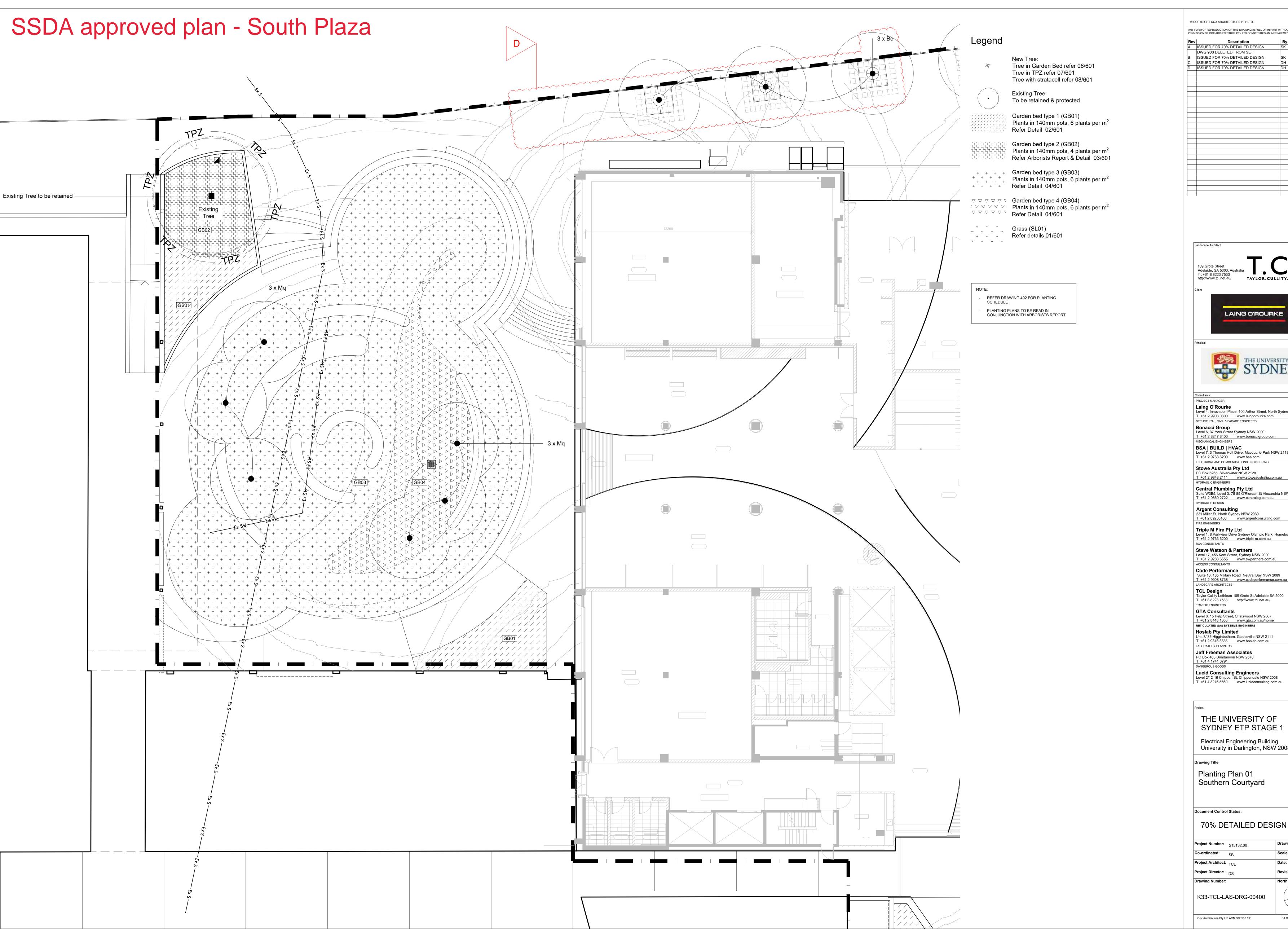
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Project Architect:	TCL	Date:	25/08/2	020
Project Director:	DS	Revision	on:	СЗ
Drawing Number:				

K33-TCL-LAS-DRG-00502

Scale 1:20

Cox Architecture Pty Ltd ACN 002 535 891 B1 DRAWING SHEET



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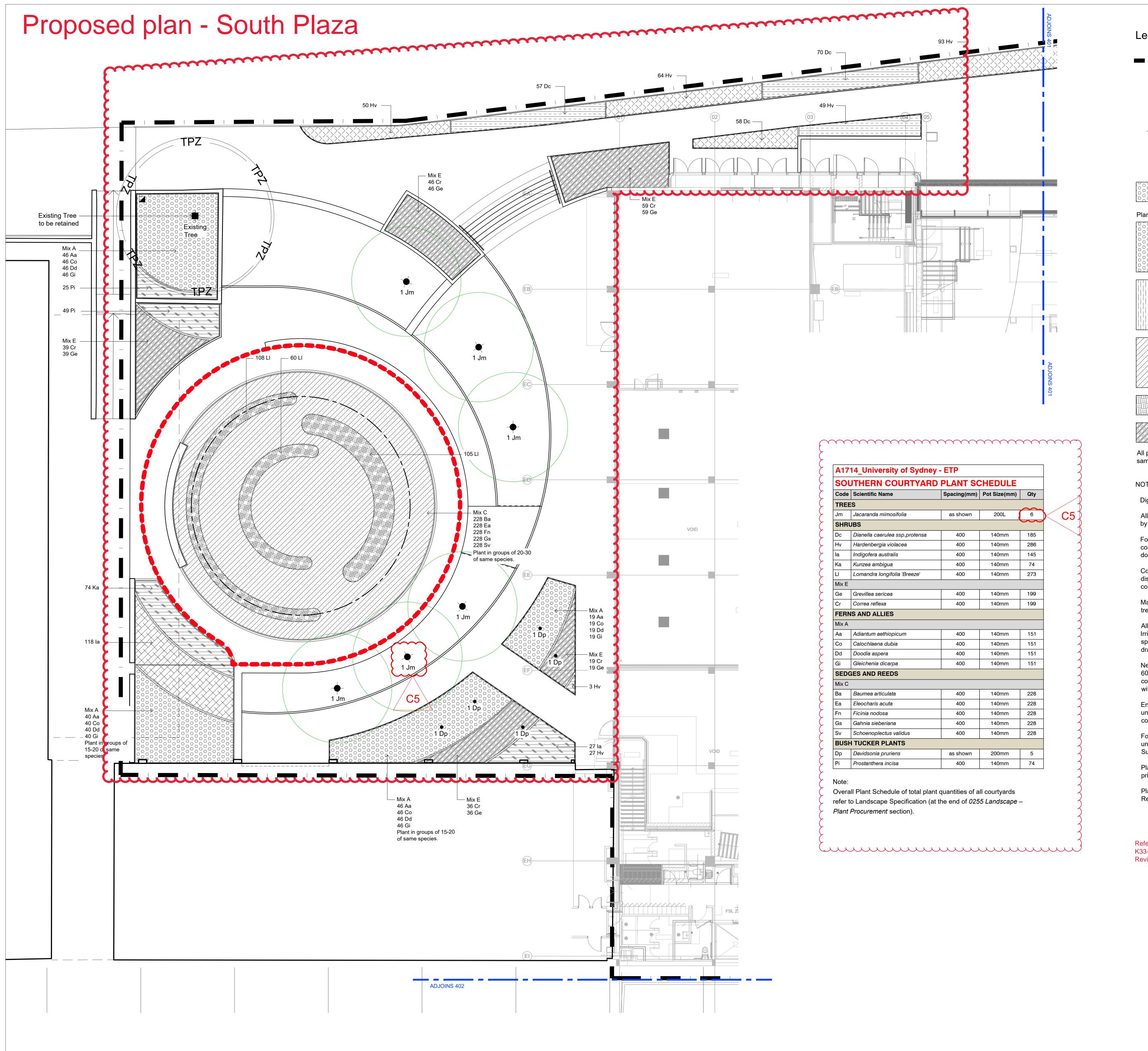
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SYDNEY ETP STAGE 1

University in Darlington, NSW 2008

Southern Courtyard

Project Number: 215132.00	Drawn: DH
Co-ordinated: SB	Scale: 1:100 @ B1
Project Architect: TCL	Date: 03/12/2018
Project Director: DS	Revision: D
Drawing Number:	North:
K33-TCL-LAS-DRG-00400	



Legend

Extent of Works Confirm with Project Manager

New Advanced Tree: Tree in Garden Bed refer 07/601 Tree in Gravel (PV02) refer 08/601 Tree in Lawn (SL01) refer 09/601

Tree in Eastern Courtyard Rooftop Garden Bed refer 02/500

To be retained & protected Refer Arborists Report

Planting under Existing Tree (GB02) Refer detail 03/601

DALL A	Aa	Adiantum aethiopicum
Mix A	Cd	Calochlaena dubia
	Da	Doodia aspera
	Gd	Gleichenia dicarpa
	Мс	Macrozamia communis

	Mix B	At	Austrodanthonia tenuior
		Dic	Dichelachne crinita
		Ms	Microlaena stipoides
		Та	Themeda australis
		Wg	Wahlenbergia gracilis
-			

Mix C	Ва	Baumea articulata
IVIIX C	Ea	Eleocharis acuta
	Fn	Ficinia nodosa
	Gs	Gahnia sieberiana
	Sv	Schoenoplectus validus

Mix D	Dc	Dianella caerulea
	Go	Goodenia ovata
Mix E	Gs	Grevillea sericea
	Cr	Correa reflexa

All planting mix types: plant in groups of 15-20 of same species, unless otherwise noted.

Digital CAD will be provided for setout purpose.

All setouts to be marked up by Contractor & approved by Landscape Architect prior to plant installation.

For drainage system including location, size & connection refer to Civil & Hydraulic Engineer's documentation.

Contractor is to notify the Superintendent with any discrepancies between TCL's drawings, existing site conditions & other consultant's drawings.

Make-good of all adjacent existing grading & surface treatments affected by the new construction works.

All garden beds, tree planting & lawn to be irrigated. Irrigation scope to be design & construct refer specification. Contractor to provide construction drawings for approval by the client.

New tree planting - contractor to check & ensure min. 600mm cover to all existing underground service conduits & pits. Contractor to confirm the depth onsite with the Superintendent prior to any excavation work.

Ensure new trees have min. 1m clearance from any underground service pits & conduits. Provide root control barriers to tree where required.

For existing services & new proposed services (above & under ground) refer Engineering drawings. Confirm with Superintendent with any works adjacent to services.

Planting arrangement to be approved onsite by TCL prior to planting.

Planting Plans to be read in conjunction with Arborists

Refer to comments on sheet K33-TCL-DRG-00200 Revision C3

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C1	FOR CONSTRUCTION	SS	30/10/2019
C2	ANNOTATION CLARITY	SK	23/01/2020
C3	FOR CONSTRUCTION	SK	31/07/2020
C4	UPDATED PLANT QUANTITIES	SK	13/08/2020
C5	UPDATED TREE QUANTITY	SK	25/08/2020







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THE UNIVERSITY OF SYDNEY ETP STAGE 1

Electrical Engineering Building University in Darlington, NSW 2008

Drawing Title

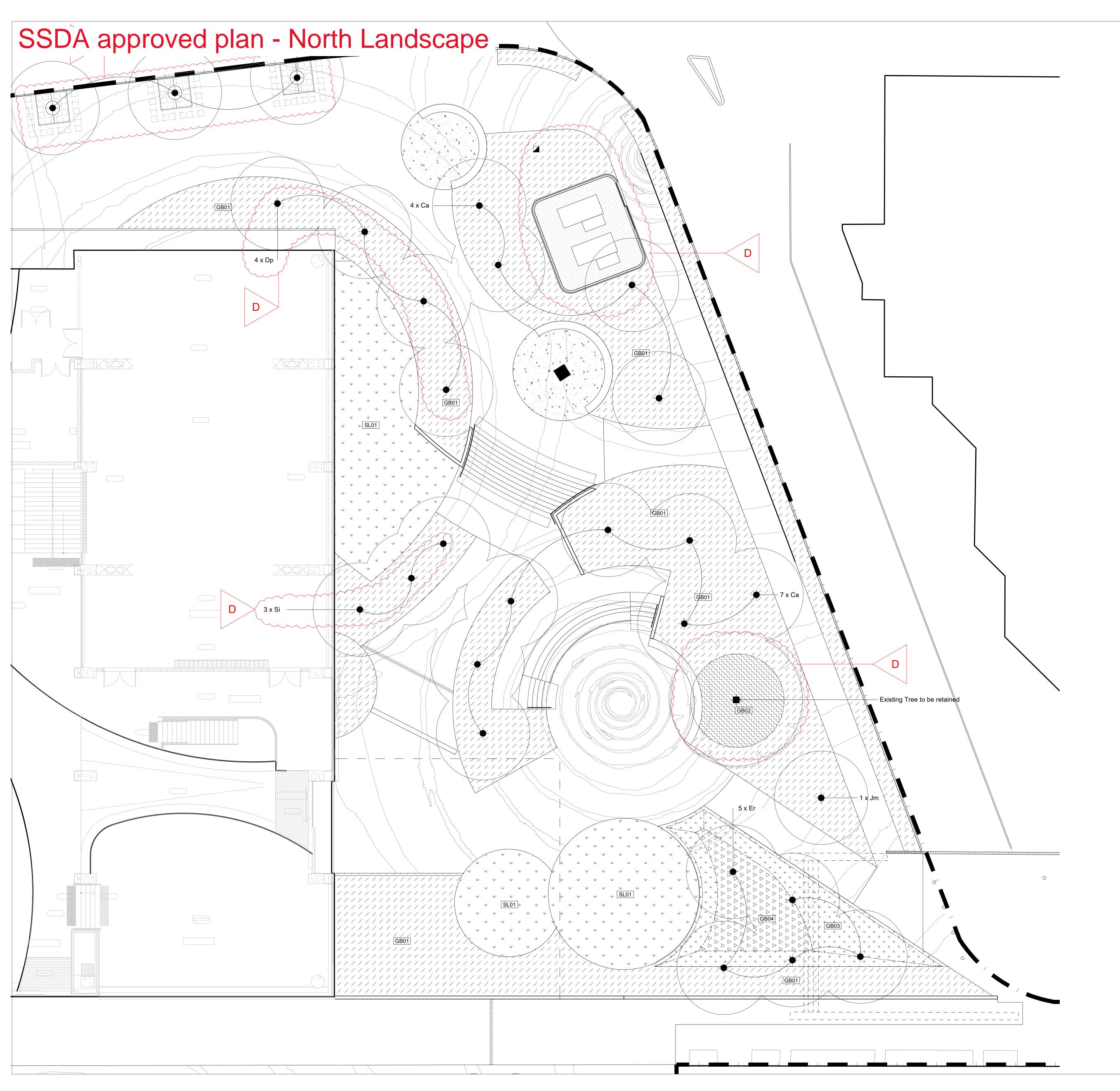
Planting Plan 01 Southern Courtyard

Document Control Status:

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Project Number:	215132.00	Drawn:	SS/SK
Co-ordinated:	SB	Scale: 1	: 100 @ B1
Project Architect:	TCL	Date:	25/08/2020
Project Director:	DS	Revision	: C5
Drawing Number:		North:	





Legend

Tree in Garden Bed refer 06/601 Tree in TPZ refer 07/601 Tree with stratacell refer 08/601

Existing Tree To be retained & protected

Garden bed type 1 (GB01) Plants in 140mm pots, 6 plants per m² Refer Detail 02/601



Garden bed type 2 (GB02) Plants in 140mm pots, 4 plants per m² Refer Arborists Report & Detail 03/601

+ + + + Garden bed type 3 (GB03) Plants in 140mm pots, 6 plants per m² + + + + Refer Detail 04/601

∇ ∇ ∇ ∇ ∇ Garden bed type 4 (GB04) $^{\prime}$ $^{\bigtriangledown}$ $^{\bigtriangledown}$ $^{\bigtriangledown}$ $^{\bigtriangledown}$ Plants in 140mm pots, 6 plants per m² ▽ ▽ ▽ ▽ ▽ ⊤ Refer Detail 04/601

Refer details 01/601 Ψ Ψ Ψ

REFER DRAWING 402 FOR PLANTING

PLANTING PLANS TO BE READ IN CONJUNCTION WITH ARBORISTS REPORT ANY FORM OF REPRODUCTION OF THIS DRAWING IN FULL OR IN PART WITHOUT THE WRITTEN

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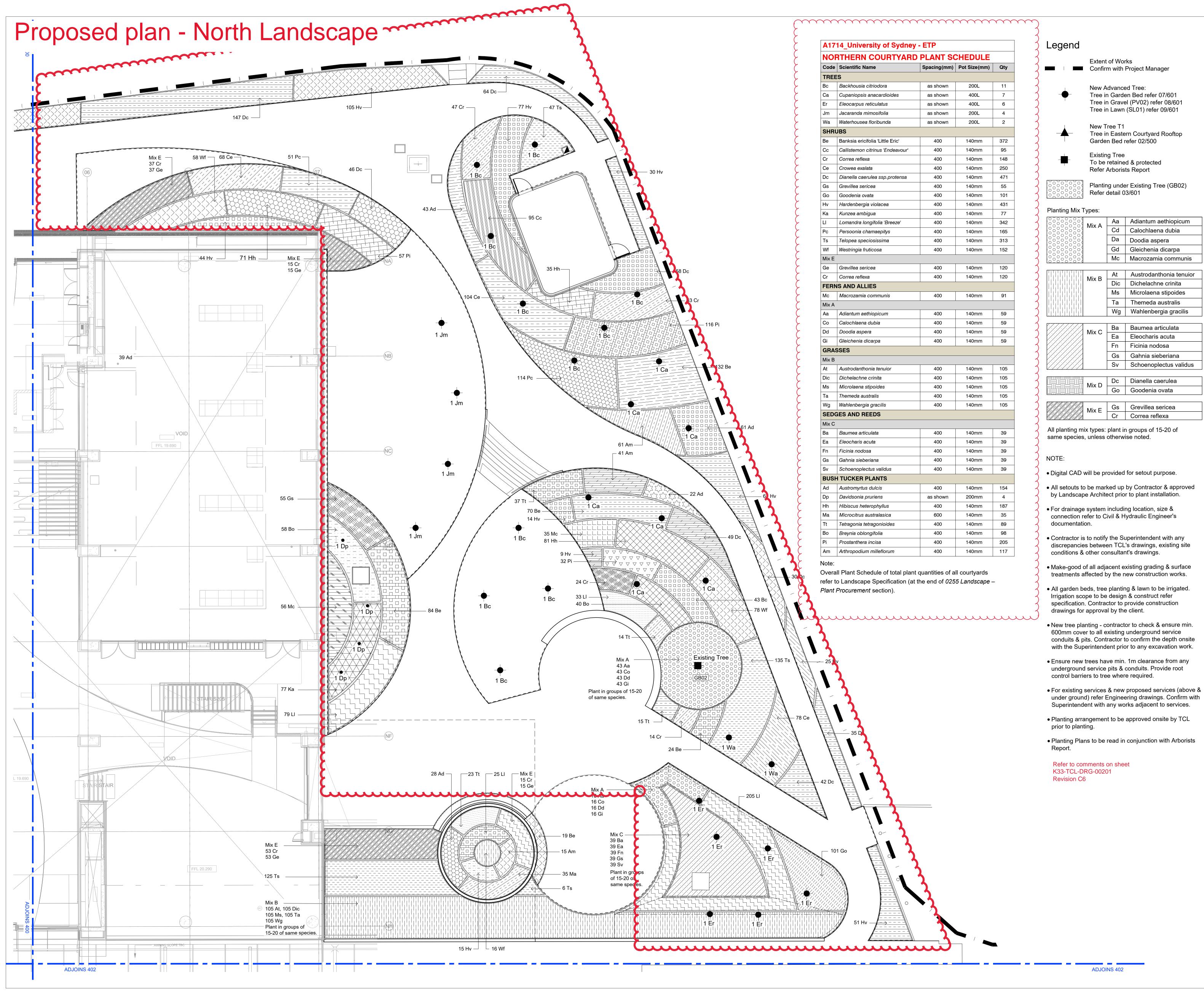
Planting Plan 02 Northern Courtyard

Cox Architecture Pty Ltd ACN 002 535 891

70% DETAILED DESIGN

Project Number: 215132.00	Drawn: DH
Co-ordinated: SB	Scale: 1:100 @ B1
Project Architect: TCL	Date: 03/12/2018
Project Director: DS	Revision: D
Drawing Number:	North:
K33-TCL-LAS-DRG-00401	

B1 DRAWING SHEET



		Αι	Austroganthonia tenulor	
	IVIIX D	Dic	Dichelachne crinita	
		Ms	Microlaena stipoides	
		Та	Themeda australis	
		Wg	Wahlenbergia gracilis	
	Mix C	Ва	Baumea articulata	
		Ea	Eleocharis acuta	
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C1 FOR CONSTRUCTION

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2	ANNOTATION CLARITY	SK	23/01/2020
23	FOR CONSTRUCTION	SK	31/07/2020
)3)4	UPDATED PLANT QUANTITIES	SK	07/08/2020





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THE UNIVERSITY OF SYDNEY ETP STAGE 1

Electrical Engineering Building University in Darlington, NSW 2008

Planting Plan 02 Northern Courtyard

Document Control Status:

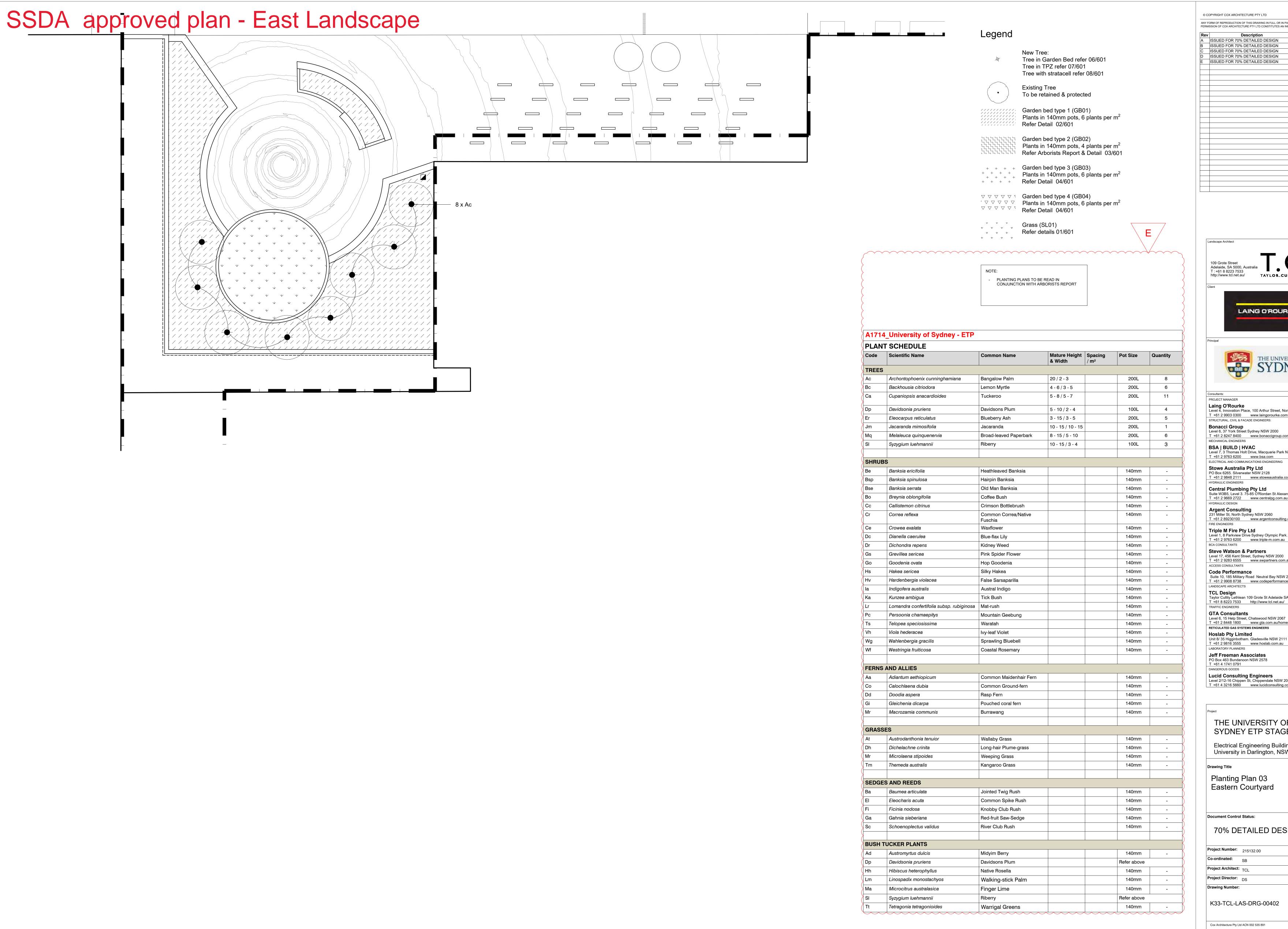
Project Number: 215132.00

FOR CONSTRUCTION

Co-ordinated:	SB	Scale:	1 : 100	@ B1
Project Architect:	TCL	Date:	07/08/	/2020
Project Director:	DS	Revisio	n:	C4
Drawing Number:		North:		
				7

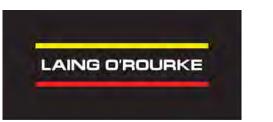
K33-TCL-LAS-DRG-00401

Cox Architecture Pty Ltd ACN 002 535 891 **B1 DRAWING SHEET**



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Rev	Description	Ву	Date
Α	ISSUED FOR 70% DETAILED DESIGN	SK	25/10/20
В	ISSUED FOR 70% DETAILED DESIGN	SK	31/10/20
С	ISSUED FOR 70% DETAILED DESIGN	DH	08/11/20
D	ISSUED FOR 70% DETAILED DESIGN	DH	16/11/20
E	ISSUED FOR 70% DETAILED DESIGN	DH	03/12/20
			

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THE UNIVERSITY OF SYDNEY ETP STAGE 1

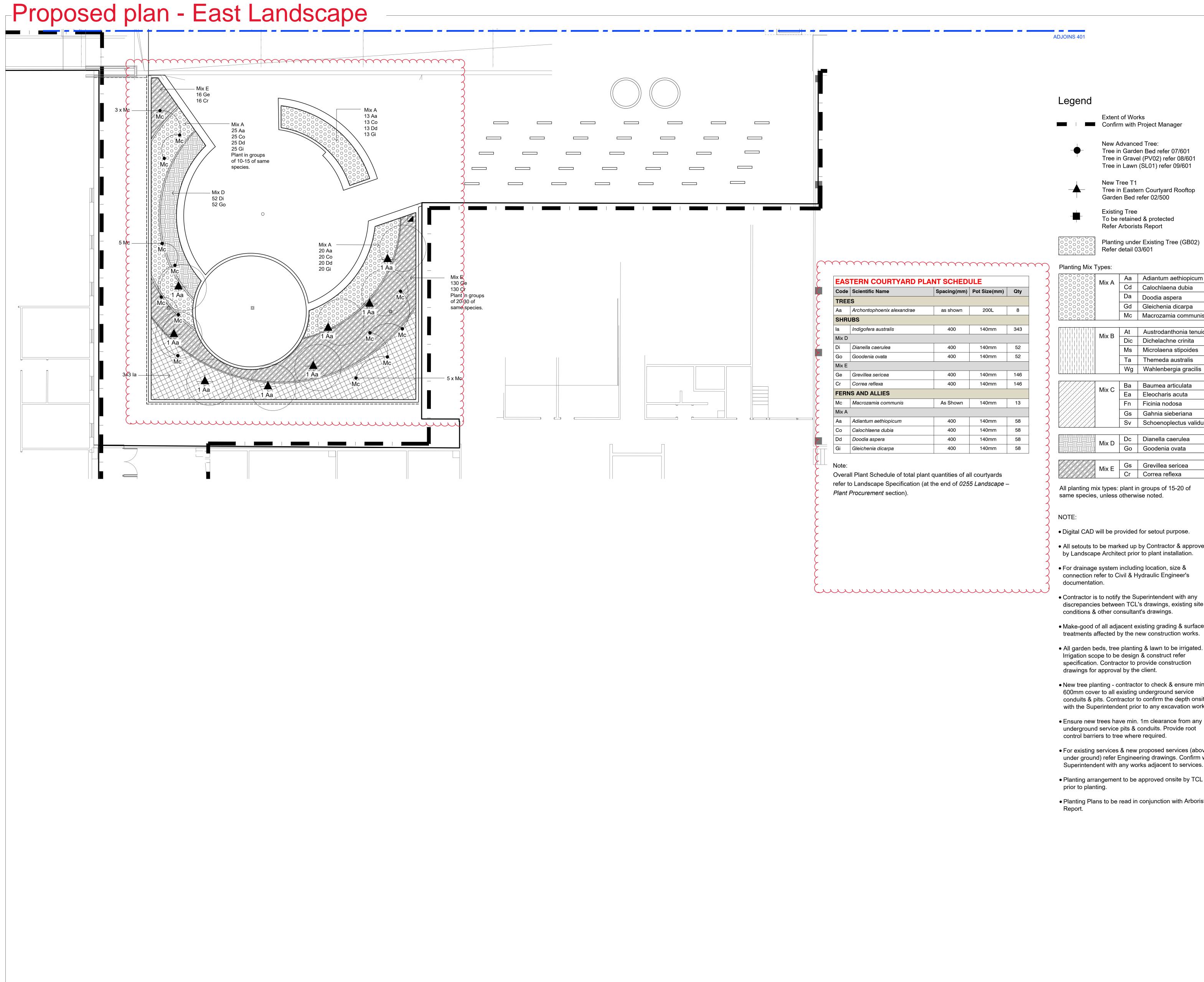
Electrical Engineering Building University in Darlington, NSW 2008

Planting Plan 03 Eastern Courtyard

70% DETAILED DESIGN

Project Number:	215132.00	Drawn:	DH
Co-ordinated:	SB	Scale:	l : 100 @ B1
Project Architect:	TCL	Date:	03/12/2018
Project Director:	DS	Revision	1: E
Drawing Number:		North:	
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B1 DRAWING SHEET



Extent of Works Confirm with Project Manager

New Advanced Tree: Tree in Garden Bed refer 07/601 Tree in Gravel (PV02) refer 08/601 Tree in Lawn (SL01) refer 09/601

> Tree in Eastern Courtyard Rooftop Garden Bed refer 02/500

To be retained & protected Refer Arborists Report

> Planting under Existing Tree (GB02) Refer detail 03/601

Mix A	Aa	Adiantum aethiopicum
IVIIX A	Cd	Calochlaena dubia
	Da	Doodia aspera
	Gd	Gleichenia dicarpa
	Мс	Macrozamia communis

Mix B	At	Austrodanthonia tenuior
IVIIX D	Dic	Dichelachne crinita
	Ms	Microlaena stipoides
	Та	Themeda australis
	Wg	Wahlenbergia gracilis

Mix C	Ва	Baumea articulata
IVIIX C	Ea	Eleocharis acuta
	Fn	Ficinia nodosa
	Gs	Gahnia sieberiana
	Sv	Schoenoplectus validus

Go	Goodenia ovata
Ge	Grevillea sericea

All planting mix types: plant in groups of 15-20 of same species, unless otherwise noted.

• Digital CAD will be provided for setout purpose.

 All setouts to be marked up by Contractor & approved by Landscape Architect prior to plant installation.

 For drainage system including location, size & connection refer to Civil & Hydraulic Engineer's

 Contractor is to notify the Superintendent with any discrepancies between TCL's drawings, existing site conditions & other consultant's drawings.

Make-good of all adjacent existing grading & surface

• All garden beds, tree planting & lawn to be irrigated. Irrigation scope to be design & construct refer specification. Contractor to provide construction

 New tree planting - contractor to check & ensure min. 600mm cover to all existing underground service conduits & pits. Contractor to confirm the depth onsite with the Superintendent prior to any excavation work.

underground service pits & conduits. Provide root control barriers to tree where required.

 For existing services & new proposed services (above & under ground) refer Engineering drawings. Confirm with Superintendent with any works adjacent to services.

Planting arrangement to be approved onsite by TCL

Planting Plans to be read in conjunction with Arborists

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Rev	Description	Ву	Date
C1	FOR CONSTRUCTION	SS	30/10/2019
C2	ANNOTATION CLARITY	SK	23/01/2020
C3	FOR CONSTRUCTION	SK	31/07/2020
C4	PLANT CODE CHANGES	SK	13/08/2020





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THE UNIVERSITY OF SYDNEY ETP STAGE 1

Electrical Engineering Building University in Darlington, NSW 2008

Drawing Title

Planting Plan 03 Eastern Courtyard

Document Control Status:

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Project Number:	215132.00	Brawn: SS	S/SK
Co-ordinated:	SB	Scale: 1:100	@ B1
Project Architect:	TCL	Date: 13/08	/2020
Project Director:	DS	Revision:	C4
Drawing Number:		North:	
K33-TCL-LA	AS-DRG-00402		

Cox Architecture Pty Ltd ACN 002 535 891

B1 DRAWING SHEET

A1714_University of Sydney - ETP

OVERALL PLANT SCHEDULE

SSDA and Current Design

שפפ	A and Current Design			1			
SSDA Design				Current Design			
Code	Scientific Name	Spacing(mm)	Pot Size(mm)	Substituted Species			
TREE	S						
Aa	Archontophoenix cunninghamiana	as shown	200L	Archontophoenix alexandrae			
Вс	Backhousia citriodora	as shown	200L				
Ca	Cupaniopsis anacardioides	as shown	400L				
Er	Eleocarpus reticulatus	as shown	400L				
Jm	Jacaranda mimosifolia	as shown	200L				
Wa	Syzygium luehmannii	as shown	200L	Waterhousea floribunda			
SHR	JBS						
Ве	Banksia ericifolia 'Little Eric'	400	140mm	NOTE:			
Сс	Callistemon citrinus 'Endeavour'	400	140mm	All approved plant species haven't changed, except for 2 tree species as			
Cr	Correa reflexa	400	140mm	noted above, for further information refer			
Ce	Crowea exalata	400	140mm	to the Tree Schedule.			
Dc	Dianella caerulea ssp.protensa	400	140mm	The total combined Garden Bed area has			
Gs	Grevillea sericea	400	140mm	increased by nearly 25% with the current			
Go	Goodenia ovata	400	140mm	design (approx. 1,530m2), in comparision to the previous SSDA scheme (1,170m2).			
Hv	Hardenbergia violacea	400	140mm	is the provided GODA scribine (1,170illz).			
la	Indigofera australis	400	140mm	_			
Ka	Kunzea ambigua	400	140mm	_			
LI	Lomandra longifolia 'Breeze'	400	140mm	_			
Pc	Persoonia chamaepitys	400	140mm				
Ts	Telopea speciosissima	400	140mm				
Wf	Westringia fruticosa	400	140mm				
Mix D		-					
Dc	Dianella caerulea	400	140mm				
Go	Goodenia ovata	400	140mm				
Mix E							
Gs	Grevillea sericea	400	140mm				
Cr	Correa reflexa	400	140mm				
	IS AND ALLIES	100	1				
Mc	Macrozamia communis	400	140mm	-			
Mix A	A dia atauna a attain minusa	100	4.40	-			
Aa	Adiantum aethiopicum Calochlaena dubia	400	140mm	-			
Co		400	140mm 140mm	-			
	Doodia aspera			-			
Gi	Gleichenia dicarpa	400	140mm	-			
Mix B	SSES			-			
At	Austrodanthonia tenuior	400	140mm	-			
Dic	Dichelachne crinita	400	140mm	-			
Ms	Microlaena stipoides	400	140mm	-			
Ta	Themeda australis	400	140mm	1			
Wg	Wahlenbergia gracilis	400	140mm	1			
	GES AND REEDS	1 .55	1	1			
Mix C	AND HELDS			1			
Ва	Baumea articulata	400	140mm	1			
Ea	Eleocharis acuta	400	140mm	1			
Fn	Ficinia nodosa	400	140mm	1			
Gs	Gahnia sieberiana	400	140mm	1			
Sv	Schoenoplectus validus	400	140mm	†			
BUSI	TUCKER PLANTS			1			
Ad	Austromyrtus dulcis	400	140mm	1			
Dp	Davidsonia pruriens	as shown	200mm	1			
Hh	Hibiscus heterophyllus	400	140mm	1			
Ма	Microcitrus australasica	600	140mm	1			
Tt	Tetragonia tetragonioides	400	140mm	1			
Во	Breynia oblongifolia	400	140mm	1			
Pi	Prostanthera incisa	400	140mm	1			
Am	Arthropodium milleflorum	400	140mm	1			
		1.00	. 1011/111	1			

A1714_University of Sydney - ETP

TREE SCHEDULE

Rev. 02 21.08.2020

SSD	A Design	Current Design						
			Available		Northern	SouthernC	Eastern	All
Code	Scientific Name	Scientific Name	Pot Size(mm)	Supplier	Courtyard	ourtyard	Courtyard	Courtyards
SSDA	\ Design	Current Design						
Ac	Archontophoenix cunninghamiana	Archontophoenix alexandrae	200L	Andreasens Green (02 9826 1911)			8	8
Bc	Backhousia citriodora	Backhousia citriodora	200L	Andreasens Green (02 9826 1911)	11			11
Ca	Cupaniopsis anacardioides	Cupaniopsis anacardioides	400L	Andreasens Green (02 9826 1911)	7			7
Er	Eleocarpus reticulatus	Eleocarpus reticulatus	400L	Andreasens Green (02 9826 1911)	6			6
Jm	Jacaranda mimosifolia	Jacaranda mimosifolia	200L	Andreasens Green (02 9826 1911)	4	6		10
SI	Syzygium luehmannii	Waterhousea floribunda	200L	Andreasens Green (02 9826 1911)	2			2
	Total							44

NOTE:

No change to the plant species from the previous SSDA plant schedule (refer to the Overall Plant Schedule), except a couple of tree species as highlighted in red above, due to the advanced size availability.

The substituted similiar species have been approved by University of Sydney, dated 22nd July 2020.

All species are taken from the approved University of Sydney and City of Sydney plant lists.

We have added 1 x *Jacaranda mimosifolia* to south courtyard to align with the currently approved SSDA quantity of 44 trees total. See in blue above, and revised planting plans.