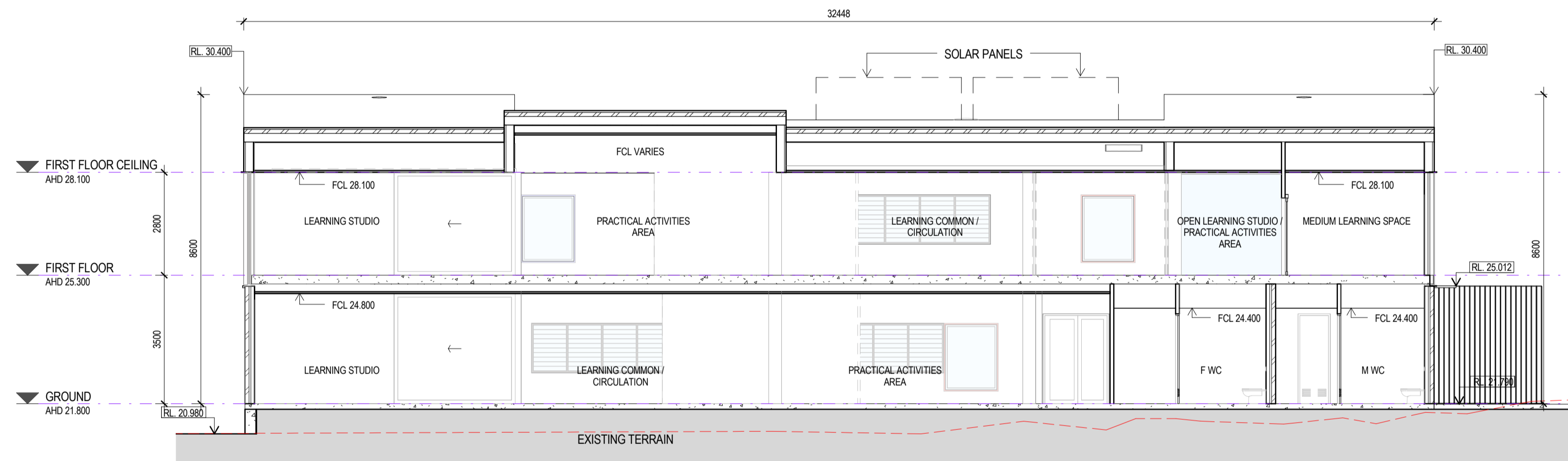
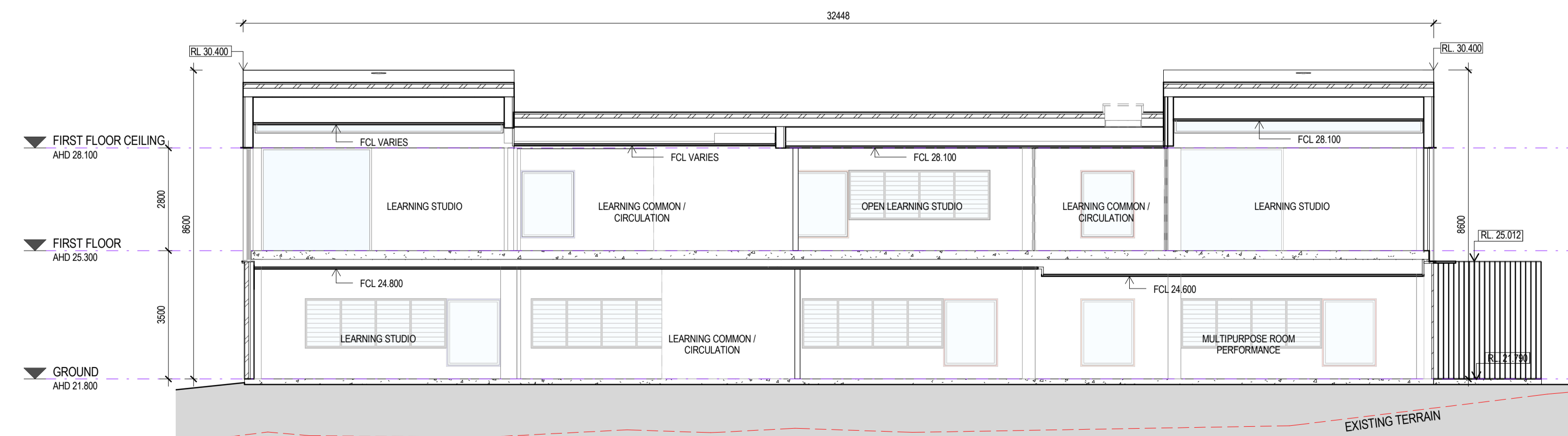




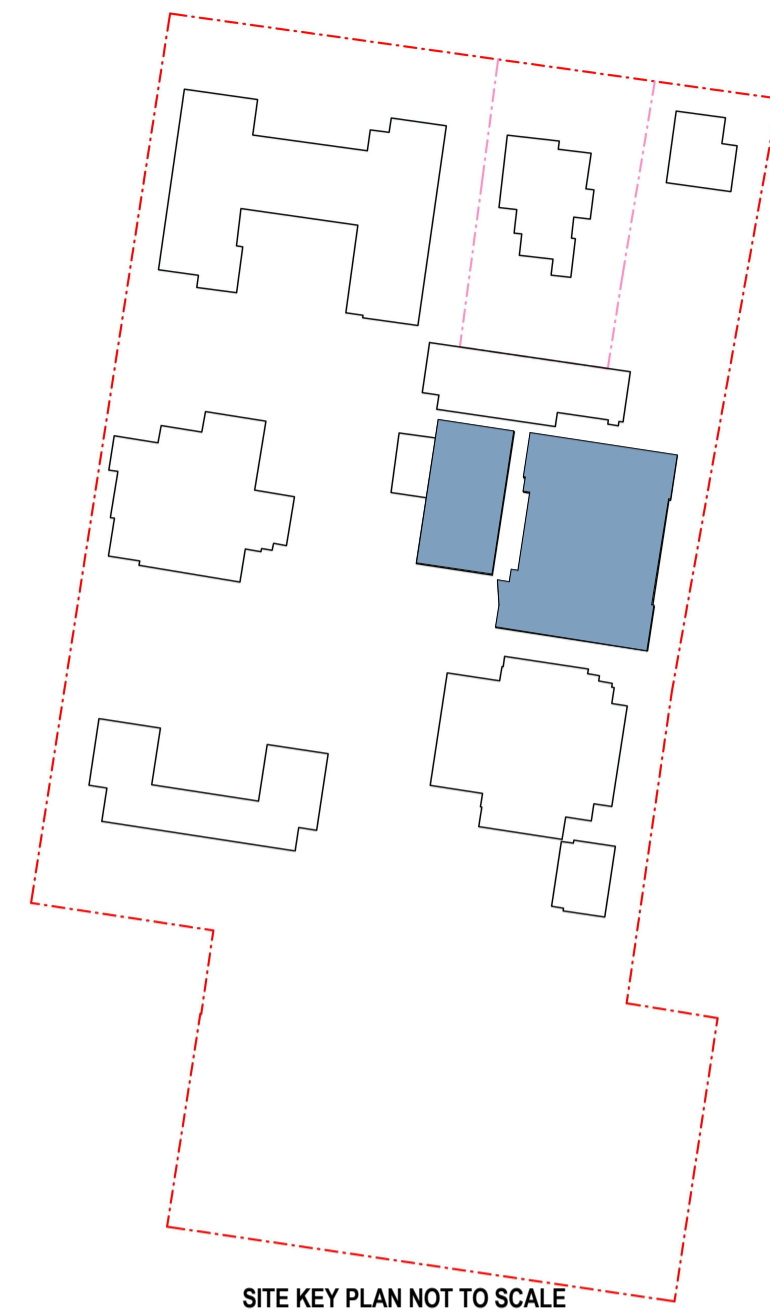
1 SECTION-4
DA03.01 1:100



2 SECTION-5
DA03.01 1:100



3 SECTION-6
DA03.01 1:100



2	DEVELOPMENT APPLICATION	07.11.2017
1	DRAFT DEVELOPMENT APPLICATION	24.10.2017
Rev	Description	Date

DEVELOPMENT APPLICATION

hayball

Melbourne
4/135 Sturt Street Southbank, Victoria Australia 3006
T +61 3 9699 3644
www.hayball.com.au

Sydney
7/1/26-32 Pirrama Road, Pyrmont NSW 2009
T +61 2 9660 9329

Brisbane
Level 12, 324 Queen Street, Brisbane Qld 4000
T +61 7 3211 9821

NSW Nominated Architects:
Tom Jordan 7521, Richard Leonard 7522, David Tordoff 8028
ABN 84 006 394 261

Builders/Contractors shall verify job dimensions before any job commences. Figured dimensions shall take precedence over scaled work. Work shall also conform to the specification, other drawings and job dimensions. All shop drawings shall be submitted to the Architect/Consultant and manufacturers shall not commence prior to the return of inspected shop drawings signed by the Architect/Consultant. © Copyright 2008 All rights reserved.

Client:



Wollongong Public School

BLOCK B00K

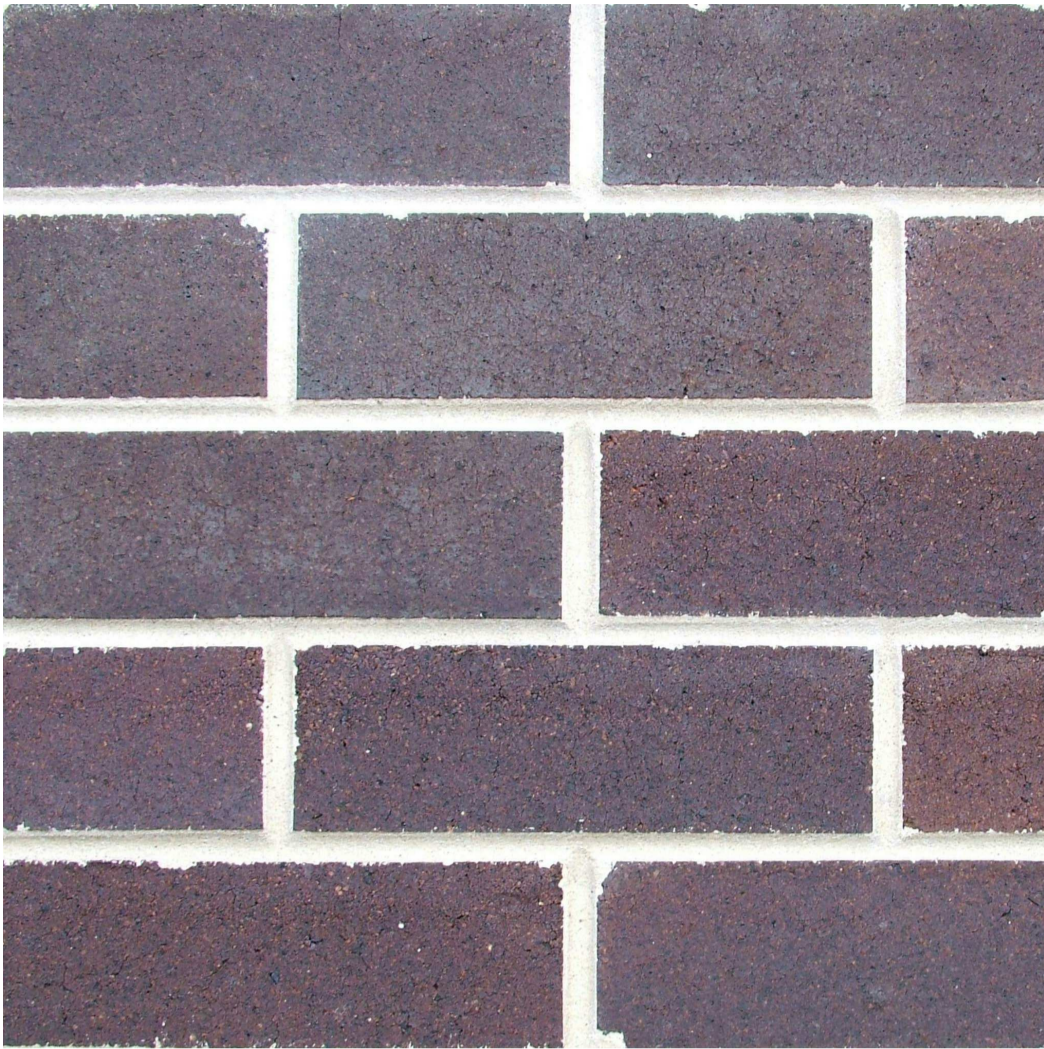
67A Church Street, Wollongong, NSW 2500

DRAWING TITLE
SECTIONS-2

DRAWN BY VC
CHECKED RC
DATE PRINTED 7/11/2017 5:56:37 PM
SCALE 1:100@A1 1:200@A3

PROJECT NUMBER DWG NO REVISION

2141.10 B10.DA06.04 2



1. PGH MOWBRAY BLUE SPLITS BRICK



2. CSR CEMINTEL - BARESTONE FINISH



3. ALTAIR GLASS LOUVRE SYSTEM



4. BLUESCOPE ZINCALUME ROOFING - SPANDEK PROFILE



5. EXTERNAL PLYWOOD SOFFIT



6. WRITABLE SURFACE



7. ALUMINIUM LOUVRES - ELLIPSOID BLADES



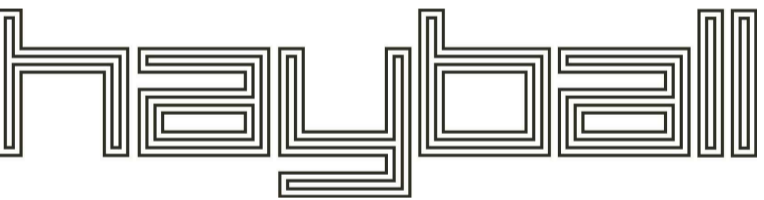
8. CONCRETE-IN SITU



9. POWDERCOATED FOLDED ALUMINIUM

2	DEVELOPMENT APPLICATION	07.11.2017
1	DRAFT DEVELOPMENT APPLICATION	24.10.2017
Rev	Description	Date

DEVELOPMENT APPLICATION



Melbourne
4/135 Sturt Street Southbank, Victoria Australia 3006
T 0+61 3 9699 3644
www.hayball.com.au

Sydney
7/1/ 26-32 Pirrama Road, Pyrmont NSW 2009
T +61 2 9660 9329

Brisbane
Level 12, 324 Queen Street, Brisbane Qld 4000
T +61 7 3211 9821

NSW Nominated Architects:
Tom Jordan 7521, Richard Leonard 7522, David Tordoff 8028
ABN 84 006 394 261

Builders/Contractors shall verify job dimensions before any job commences. Figured dimensions shall take precedence over scaled work. Work shall also conform to the specification, other drawings and job dimensions. All shop drawings shall be submitted to the Architect/Consultant and manufacturers shall not commence prior to the return of inspected shop drawings signed by the Architect/Consultant. © Copyright 2009 All rights reserved

Client:



Wollongong Public School

67A Church Street, WOLLONGONG, NSW

DRAWING TITLE
**MATERIALS AND FINISHES
SCHEDULE**
DRAWN BY VC
CHECKED RC
DATE PRINTED 7/11/2017 5:32:53 PM
SCALE

PROJECT NUMBER	DWG NO	REVISION
----------------	--------	----------

2141.10 DA20.00 2



3D VIEW - NEW COLA (LEFT) AND NEW LEARNING HUB (RIGHT)

1	DEVELOPMENT APPLICATION	07.11.2017
Rev	Description	Date

DEVELOPMENT APPLICATION

hayball

Melbourne
4/135 Sturt Street Southbank, Victoria Australia 3006
T +61 3 9699 3644
www.hayball.com.au

Sydney
71/ 26-32 Pirrama Road, Pyrmont NSW 2009
T +61 2 9660 9329

Brisbane
Level 12, 324 Queen Street, Brisbane Qld 4000
T +61 7 3211 9821

NSW Nominated Architects:
Tom Jordan 7521, Richard Leonard 7522, David Tordoff 8028
ABN 84 006 394 261

Builders/Contractors shall verify job dimensions before any job commences. Figured dimensions shall take precedence over scaled work. Work shall also conform to the specification, other drawings and job dimensions. All shop drawings shall be submitted to the Architect/Consultant and manufacturers shall not commence prior to the return of inspected shop drawings signed by the Architect/Consultant. © Copyright 2008 All rights reserved

Client:



Wollongong Public School

67A Church Street, Wollongong, NSW 2500

DRAWING TITLE
3D VIEW

DRAWN BY VC
CHECKED RC
DATE PRINTED 7/11/2017 5:07:08 PM
SCALE

PROJECT NUMBER	DWG NO	REVISION
2141.10	B10.DA10.01	1



3D VIEW - NEW LEARNING HUB - WESTERN FACADE

1	DEVELOPMENT APPLICATION	07.11.2017
Rev	Description	Date

DEVELOPMENT APPLICATION

hayball

Melbourne
4/135 Sturt Street Southbank, Victoria Australia 3006
T +61 3 9699 3644
www.hayball.com.au

Sydney
71/ 26-32 Pirrama Road, Pyrmont NSW 2009
T +61 2 9660 9329

Brisbane
Level 12, 324 Queen Street, Brisbane Qld 4000
T +61 7 3211 9821

NSW Nominated Architects:
Tom Jordan 7521, Richard Leonard 7522, David Tordoff 8028
ABN 84 006 394 261

Builders/Contractors shall verify job dimensions before any job commences. Figured dimensions shall take precedence over scaled work. Work shall also conform to the specification, other drawings and job dimensions. All shop drawings shall be submitted to the Architect/Consultant and manufacturers shall not commence prior to the return of inspected shop drawings signed by the Architect/Consultant. © Copyright 2008 All rights reserved

Client:



Education

Wollongong Public School

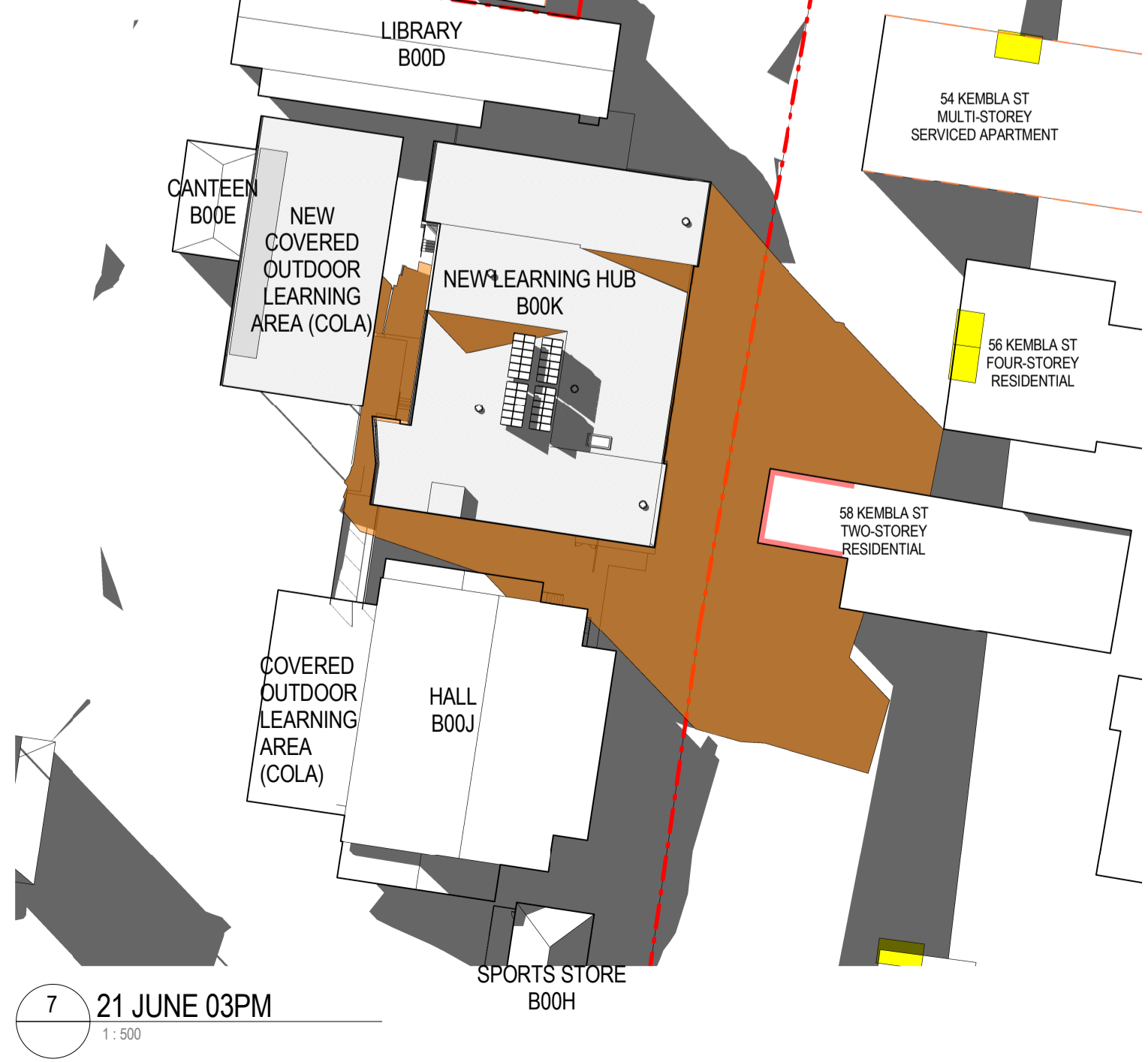
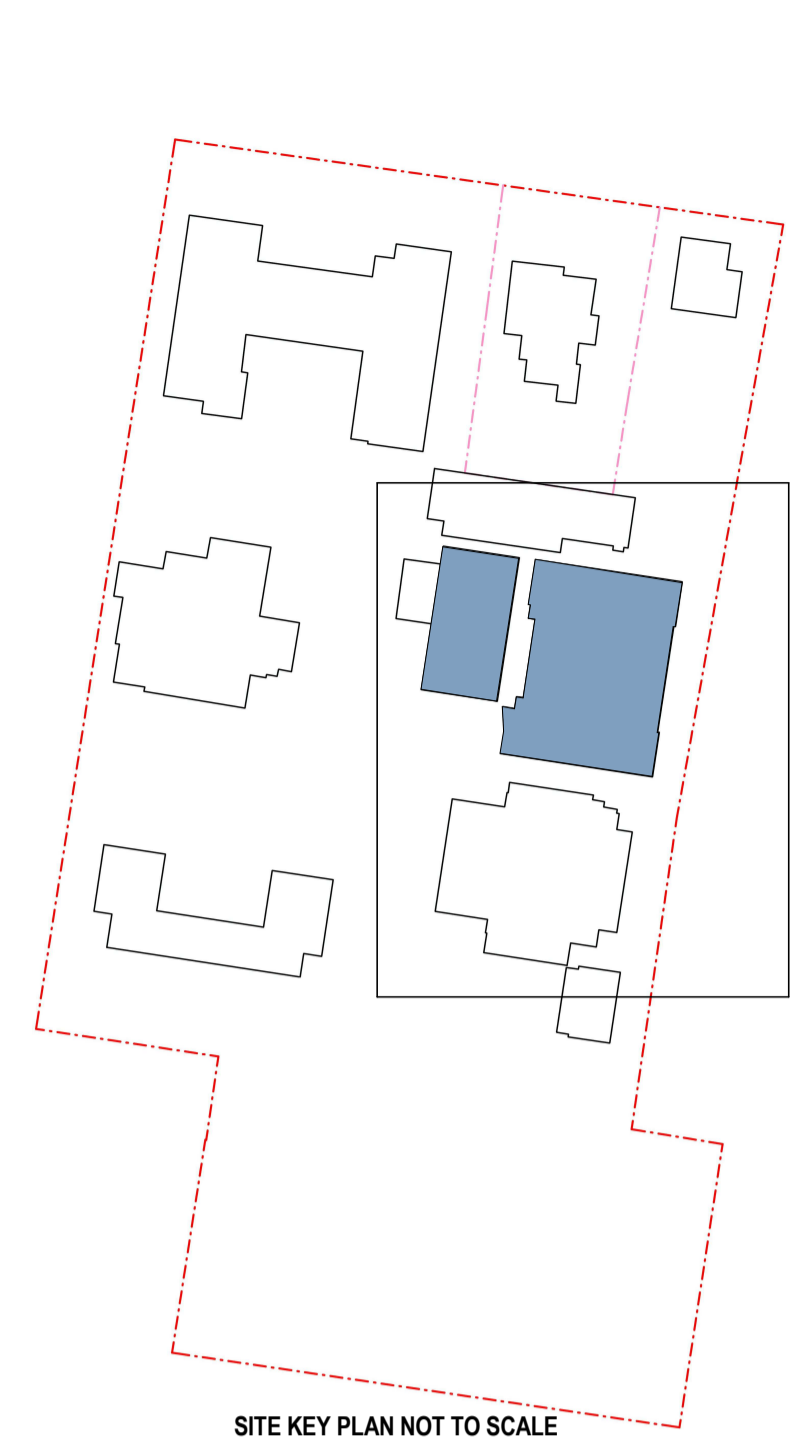
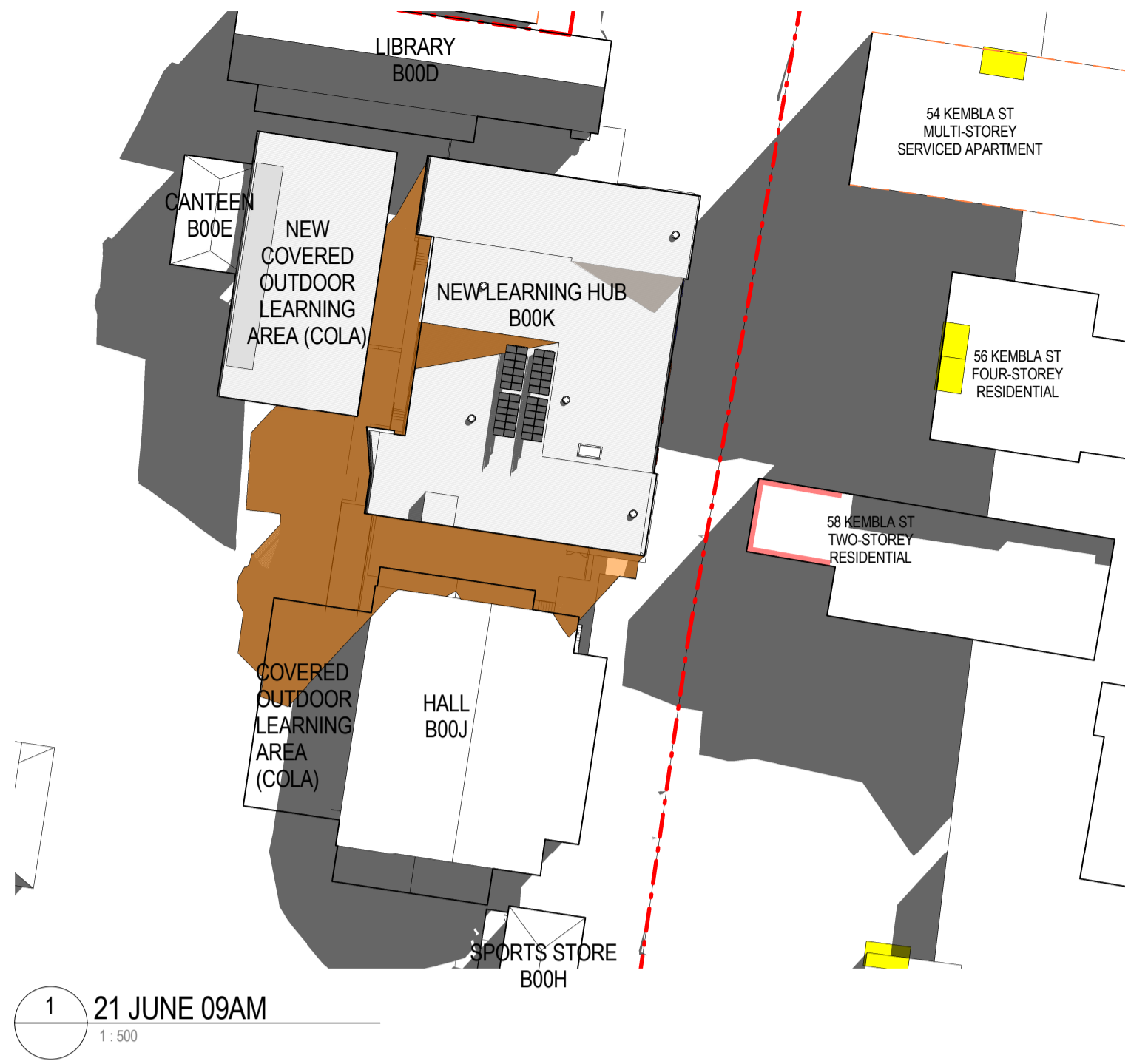
67A Church Street, Wollongong, NSW 2500

DRAWING TITLE
3D VIEW2

DRAWN BY VC
CHECKED RC
DATE PRINTED 7/11/2017 5:07:10 PM
SCALE

PROJECT NUMBER DWG NO REVISION

2141.10 B10.DA10.02 1

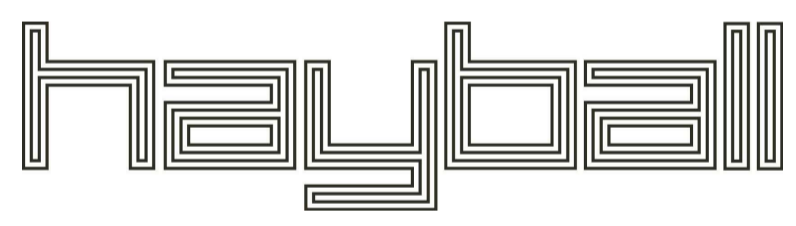


LEGEND

- EXISTING SHADOW
- PROPOSED WORK SHADOW
- PRIVATE OPEN SPACE
- WINDOW OF EXISTING ADJACENT DWELLING (HIGH LEVEL)

2	DEVELOPMENT APPLICATION	07.11.2017
1	DRAFT DEVELOPMENT APPLICATION	24.10.2017
Rev	Description	Date

DEVELOPMENT APPLICATION



Melbourne
4/135 Sturt Street Southbank, Victoria Australia 3006
T +61 3 9699 3644
www.hayball.com.au

Sydney
7/1/26-32 Pirrama Road, Pyrmont NSW 2009
T +61 2 9660 9329

Brisbane
Level 12, 324 Queen Street, Brisbane Qld 4000
T +61 7 3211 9821

NSW Nominated Architects:
Tom Jordan 7521, Richard Leonard 7522, David Tordoff 8028
ABN 84 006 394 261

Bidders/Contractors shall verify job dimensions before any job commences. Figured dimensions shall take precedence over scaled work. Work shall also conform to the specification, other drawings and job dimensions. All shop drawings shall be submitted to the Architect/Consultant and modifications shall not commence prior to the return of inspected shop drawings signed by the Architect/Consultant. © Copyright 2008 All rights reserved.

Client:

NSW
GOVERNMENT

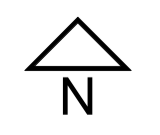
Education
Wollongong Public School

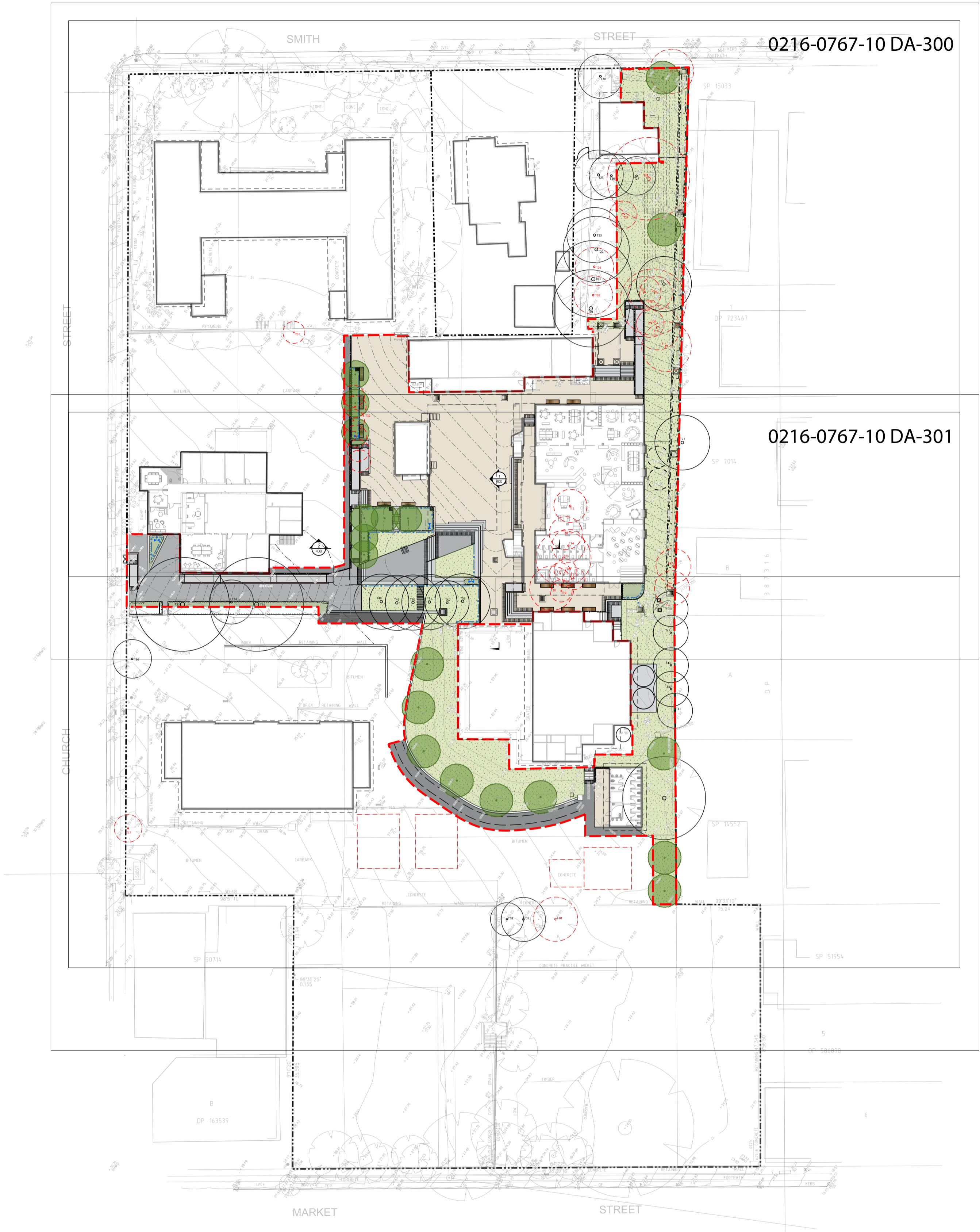
67A Church Street, WOLLONGONG, NSW

DRAWING TITLE
SHADOW DIAGRAM

DRAWN BY	VC
CHECKED	RC
DATE PRINTED	7/11/2017 5:36:06 PM
SCALE	1: 500@A1 1:1000@A3

PROJECT NUMBER	DWG NO	REVISION
2141.10	DA01.07	2





WESTERN SYDNEY AND WOLLONGONG SCHOOLS

WOLLONGONG PUBLIC SCHOOL

DRAWING REGISTER

DRAWING NUMBER	DRAWING TITLE	REVISION No.
0216-0767-10 DA-100	COVER SHEET	8
0216-0767-10 DA-200	EXISTING SURVEY SHEET 1	5
0216-0767-10 DA-201	EXISTING SURVEY SHEET 2	5
0216-0767-10 DA-300	GENERAL ARRANGEMENT SHEET 1	8
0216-0767-10 DA-301	GENERAL ARRANGEMENT SHEET 2	8
0216-0767-10 DA-400	GENERAL SECTIONS	5
0216-0767-10 DA-500	PLANTING PALETTE AND SCHEDULE	7

REVISIONS

REV	DESCRIPTION	DATE	DRAWN	CHKD
1	TENDER ISSUE	06.10.17	JR	LH
2	REISSUED FOR TENDER	23.10.17	KG	LH
3	TENDER ISSUE - OPTIONAL WORKS AREAS ADDED	27.10.17	KG/JR	LH
4	TENDER ISSUE - KITCHEN GARDEN REMOVED	01.11.17	KG	LH
5	ISSUE FOR DEVELOPMENT APPLICATION	16.11.17	JR	LH
6	REVISED ISSUE FOR DEVELOPMENT APPLICATION	16.04.18	JR	LH
7	REVISED ISSUE FOR DA-TREE NUMBERING AMENDED	27.04.18	JR	LH
8	REVISED ISSUE FOR DA-TREES AMENDED	21.05.18	JR	LH

GENERAL NOTES

- DO NOT SCALE DRAWINGS. FIGURED DIMENSIONS HAVE PREFERENCE OVER SCALED DIMENSIONS.
- ANY DISCREPANCIES MUST BE REPORTED IMMEDIATELY TO THE SUPERINTENDENT.
- THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE DETAILS, SPECIFICATIONS AND ENGINEERING DOCUMENTS.
- LOCATE AND PROTECT ALL UNDERGROUND SERVICES PRIOR TO ANY EXCAVATION. MAKE GOOD ALL DAMAGE TO EXISTING WORKS CAUSED BY THE ACTIVITY OF THESE WORKS.
- THESE DRAWINGS ARE TO BE PRINTED IN COLOUR

These designs, plans and specifications and the copyright therein are the property of TRACT CONSULTANTS PTY. LTD. and must not be used, reproduced or copied, wholly or in part, without the written permission of TRACT CONSULTANTS PTY. LTD.

ADDITIONAL NOTES

- ALL PROPOSED LANDSCAPE WORKS SHALL COMPLY WITH AS 1428.1, AS 1428.2, BCA (2016), DDA (1992), DISABILITY STANDARDS FOR EDUCATION (2005), NSW DOE EDUCATIONAL FACILITY STANDARDS AND GUIDELINES

PROJECT

WESTERN SYDNEY AND WOLLONGONG SCHOOLS - WOLLONGONG PS

CLIENT

NSW DEPT OF EDUCATION

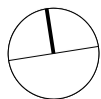
DA ISSUE

NOT FOR CONSTRUCTION

COVER SHEET SHEET 1 OF 1

DRAWING No.	REV	DRN	CHKD	APPD
0216-0767-10 DA-100	8	KG	JR	LH

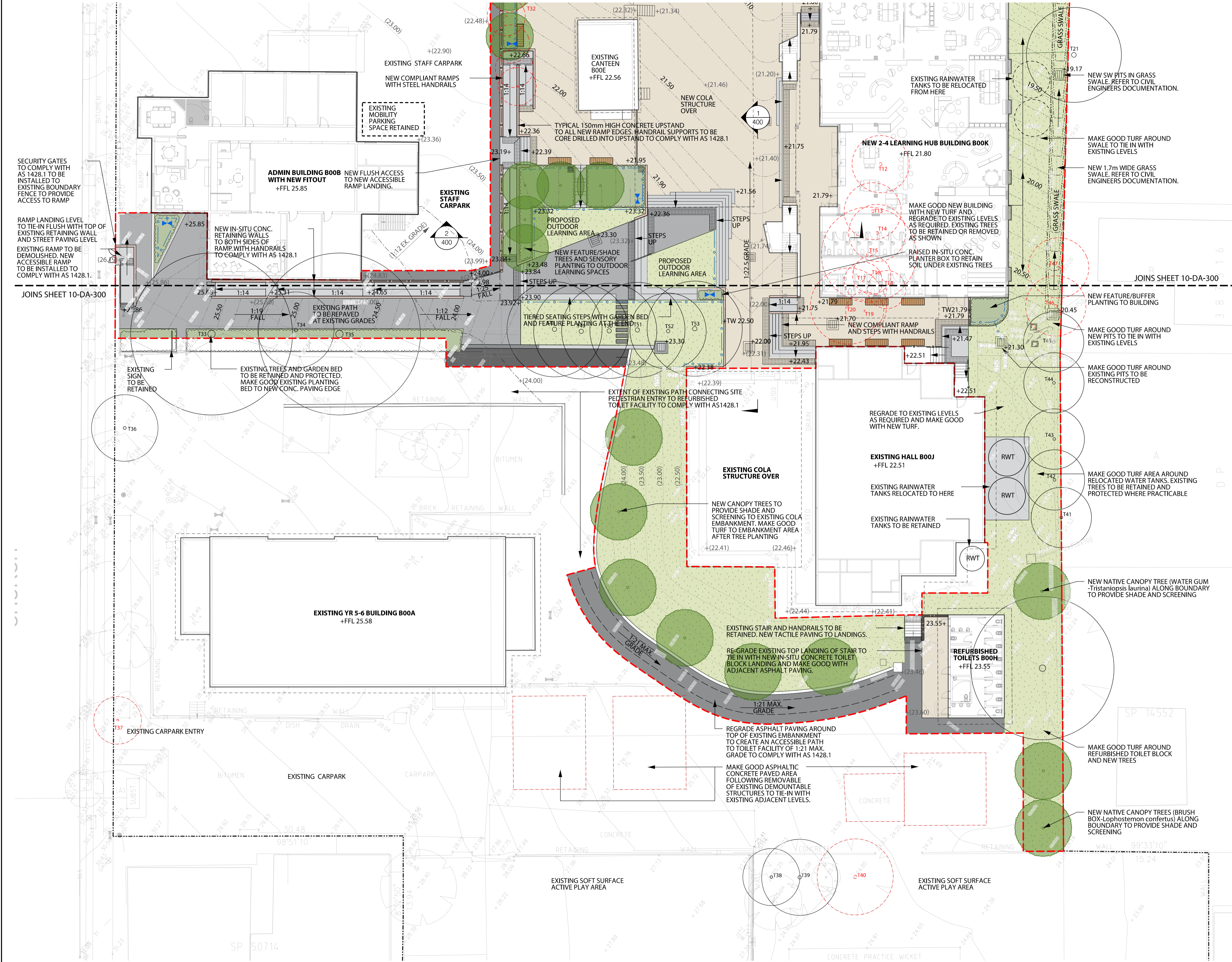
SCALE 1:500 @ A1
0 5 10 25m



DATE
31.08.2017

Tract
Landscape Architects
Urban Designers
Town Planners

Level 8/80 Mount Street North Sydney N.S.W. 2060
P: 02 9954 3733 www.tract.net.au



Legend

- EXTENT OF LANDSCAPE WORKS
Area of siteworks required to make good and tie in with existing landscape levels
- SITE BOUNDARY
- EXISTING LEVEL
PROPOSED LEVEL
- EXISTING TREES TO BE REMOVED
- EXISTING TREES TO BE RETAINED AND PROTECTED
- PROPOSED SHADE TREE PLANTING
REFER TO PLANTING PALETTE AND SCHEDULE
- TURF AREA (NATURAL/OR SYNTHETIC)
-Natural grass Kikuyu turf rolled on 100mm turf underlay over 100mm cultivated subgrade
-Synthetic grass "Summer Prestige 40mm" laid on 100mm crushrock with sand overlay
PROPOSED PLANTING BEDS WITH SUBSOIL DRAINAGE
75mm hardwood chip mulch layer over 300mm min. topsoil layer over 300mm tree planting soil mix over 100mm cultivated subgrade
- TREE PLANTING IN GARDEN BED
Min. 800mm deep tree pits
300mm topsoil layer over 300mm tree planting soil mix over 100mm cultivated subgrade
Allow subsol drainage root barriers to 500mm depth
- IN-SITU CONCRETE TYPE 1 (TO MATCH EXISTING COLA PAVEMENT)
100mm thick reinforced concrete over 75mm DGB basecourse over compacted subgrade
Finish: Grey cement to match existing with no tooled edges
- IN-SITU CONCRETE TYPE 2
100mm thick reinforced concrete over 75mm DGB basecourse over compacted subgrade
Finish: Grey Cement, Basalt aggregate, Lightly washed finished with 3mm wide decorative sawcut pattern
- IN-SITU CONCRETE STEPS / TERRACE
Formed on site. Steel trowel finish. (150mm high x 325mm wide steps) (300mm high x 650mm wide terrace)
- IN-SITU CONCRETE STEPS
Formed on site. Steel trowel finish (150mm high x 325mm wide steps)
GALVANISED STEEL HANDRAILS WITH POWDERCOATED FINISH. Colour TBC
- IN-SITU CONCRETE RETAINING WALLS
(200mm wide x 1000mm high)
- HANDRAIL (to all stairs and ramps)
Supply and install Webforge Monowills handrail
Handrail to be a combination of post and wall fixed. Handrail to be in accordance with BCA and to relevant AS 1428.1 and EFGS standards and guidelines.
- 1.2m HIGH FENCE
Supply and install Webforge Monowills Balustrade Barrier Bal - 1 or approved equivalent. Fencing to be in accordance with BCA and EFGS requirements. Fixing to be cored into retaining wall.
- IN-SITU CONCRETE STEPPING PAVERS
1200 x 400mm
Finish: Grey Cement, Basalt aggregate,
- STRIP DRAIN
Strip drainage as shown or as required to ensure site is free draining. Connect drainage to SW system. Product: 150mm SS heel safe strip drain. or approved equivalent.
- SUBSOIL DRAINS
150mm slotted flexible drain as shown or as required to ensure site is free draining. Connect drainage to SW system. Backfill 600mm deep x 400mm wide trench with coarse sand or gravel. Provide solid PVC crossing points under hard surface. Final drainage to be confirm with civil engineers.
- STORMWATER PITS
Stormwater pits as shown or as required to ensure site is free draining. Connect drainage to SW system. Product: 600mm sq SW pit Class B grate or approved equivalent.
- COMPOSITE TIMBER SEATING
Supply and install 700(w) x 350(h) x 2800(l) bespoke seating as shown on plan. Innowood 75 x 45mm composite timber battens screw fixed to top and sides of galvanised steel frame with concealed fixings. Colour: 'Cinnamon'
- TGSI TACTILE INDICATORS
Supply and install where required in accordance with BCA and AS 1428.1
- WATER TAPS (APPROX. QTY 4)
Watering taps to be located at 25m max. radius from each other and positioned to ensure overlap and direct access to all planting beds. Tap fixtures to be tamper proof and concealed in-ground type where located in paving.

REVISIONS

REV	DESCRIPTION	DATE	DRAWN	CHKD
1	TENDER ISSUE	06.10.17	JR	LH
2	REISSUED FOR TENDER	23.10.17	KG	LH
3	TENDER ISSUE - OPTIONAL WORKS AREAS ADDED	27.10.17	KG/JR	LH
4	TENDER ISSUE - KITCHEN GARDEN REMOVED	01.11.17	KG	LH
5	ISSUE FOR DEVELOPMENT APPLICATION	16.11.17	JR	LH
6	REVISED ISSUE FOR DEVELOPMENT APPLICATION	16.04.18	JR	LH
7	REVISED ISSUE FOR DA-TREE NUMBERING AMENDED	27.04.18	JR	LH
8	REVISED ISSUE FOR DA-TREES AMENDED	21.05.18	JR	LH

GENERAL NOTES

- DO NOT SCALE DRAWINGS. FIGURED DIMENSIONS HAVE PREFERENCE OVER SCALED DIMENSIONS.
- ANY DISCREPANCIES MUST BE REPORTED IMMEDIATELY TO THE SUPERINTENDENT.
- THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE DETAILS, SPECIFICATIONS AND ENGINEERING DOCUMENTS.
- LOCATE AND PROTECT ALL UNDERGROUND SERVICES PRIOR TO ANY EXCAVATION. MAKE GOOD ALL DAMAGE TO EXISTING WORKS CAUSED BY THE ACTIVITY OF THESE WORKS.
- THESE DRAWINGS ARE TO BE PRINTED IN COLOUR

These designs, plans and specifications and the copyright therein are the property of TRACT CONSULTANTS PTY. LTD. and must not be used, reproduced or copied, wholly or in part, without the written permission of TRACT CONSULTANTS PTY. LTD.

ADDITIONAL NOTES

- ALL PROPOSED LANDSCAPE WORKS SHALL COMPLY WITH AS 1428.1, AS 1428.2, BCA (2016), DDA (1992), DISABILITY STANDARDS FOR EDUCATION (2005), NSW DOE EDUCATIONAL FACILITY STANDARDS AND GUIDELINES
- PROPOSED LANDSCAPE WORKS ARE TO BE COORDINATED WITH CIVIL WORKS AND LANDSCAPE DOCUMENTATION SHOULD BE READ IN CONJUNCTION WITH CIVIL AND STRUCTURAL ENGINEERS DOCUMENTATION. FOR KERB AND PAVING LEVELS ALONG STREET FRONTAGE AND THROUGHOUT CARPARK AND ENTRY AREAS REFER TO CIVIL ENGINEERS DOCUMENTATION.

NOTE: PAVING SPECIFICATION

All paving surfaces are to comply with anti-glare requirements as per NSW DoE Education Facilities Standards and Guidelines, SG274 2.10.

All large external areas of concrete, (Assembly areas, games courts, wide paths and circulation areas, outdoor seating areas, handball courts etc.) shall be comprised of coloured (anti-glare) in-situ concrete or pavers.

Oxide Colours: Ready-mixed coloured concrete or pavers incorporating a synthetic colouring agent (5% synthetic colouring pigment by weight of the concrete content) for the full depth of the concrete slab. To prevent glare the oxide specified must be a deep tone.

Finish: After screeding and floating, give the surface a course texture (anti-slip) such as by scoring with a broom across the surface.

PROJECT

WESTERN SYDNEY AND WOLLONGONG SCHOOLS - WOLLONGONG PS

CLIENT

NSW DEPT OF EDUCATION

DA ISSUE

NOT FOR CONSTRUCTION

GENERAL ARRANGEMENT PLAN SHEET 2 OF 2

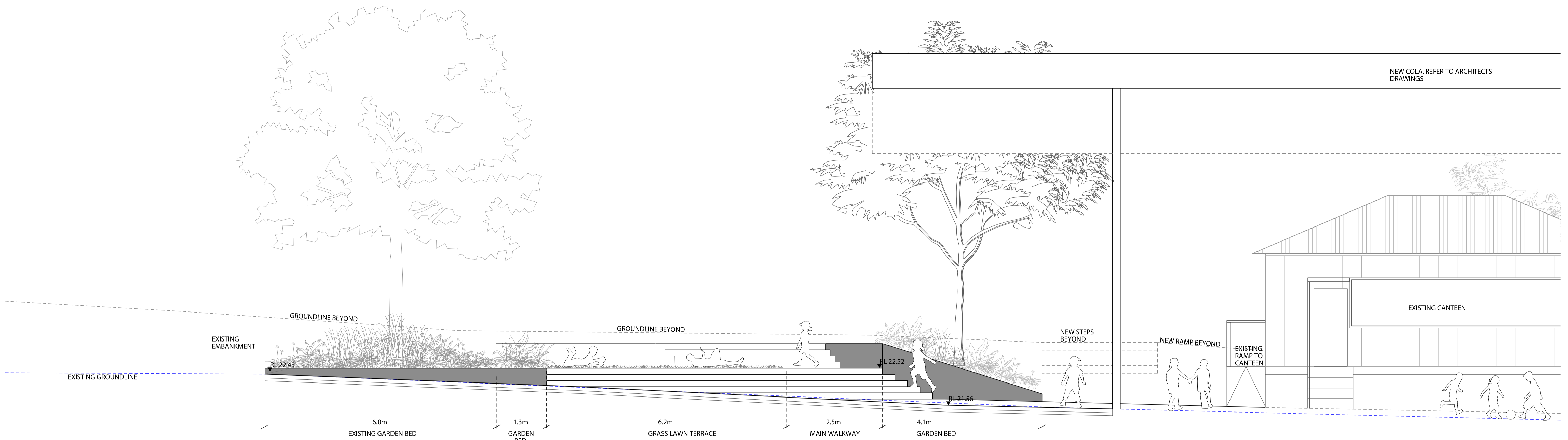
DRAWING No.	REV	DRN	CHKD	APPD
0216-0767-10 DA-301	8	KG	JR	LH

SCALE 1:200 @ A1
0 2 4 10m

DATE
31.08.2017

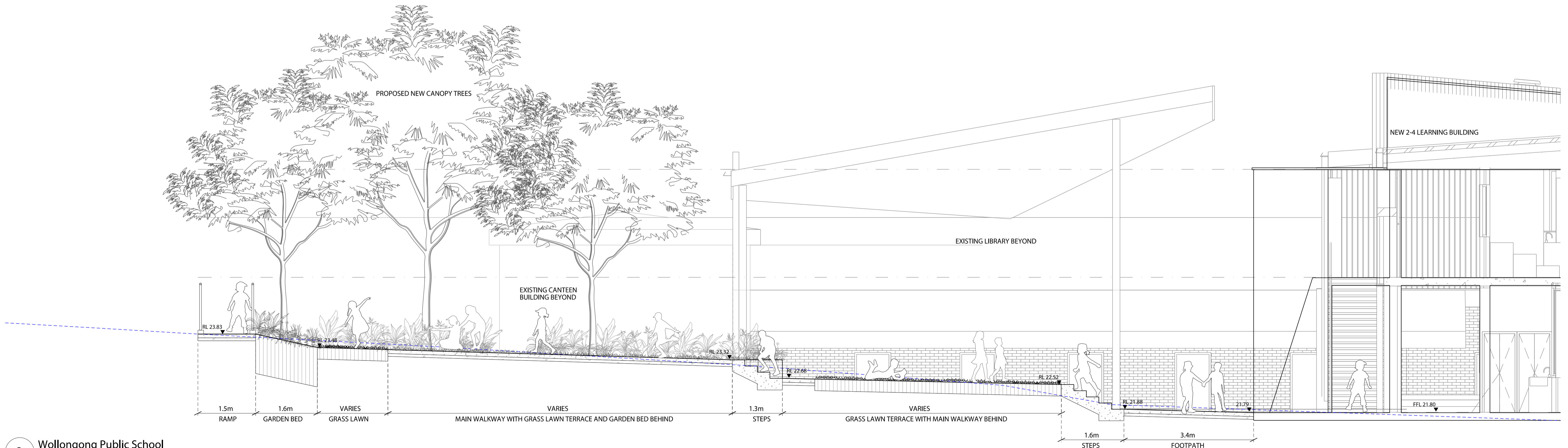
Tract
Landscape Architects
Urban Designers
Town Planners

Level 8/80 Mount Street North Sydney N.S.W. 2060
P: 02 9954 3733 www.tract.net.au



1 Wollongong Public School
Section

1:100 @ A1



2 Wollongong Public School
Section

1:100 @ A1

REVISIONS

REV	DESCRIPTION	DATE	DRAWN	CHKD
0	TENDER ISSUE	01.09.2017	JR	LH
1	TENDER ISSUE	06.10.17	JR	LH
2	REISSUED FOR TENDER	23.10.17	KG	LH
3	TENDER ISSUE - OPTIONAL WORKS AREAS ADDED	27.10.17	KGJR	LH
4	TENDER ISSUE - KITCHEN GARDEN REMOVED	01.11.17	KG	LH
5	ISSUE FOR DEVELOPMENT APPLICATION	16.11.17	JR	LH

GENERAL NOTES

- DO NOT SCALE DRAWINGS. FIGURED DIMENSIONS HAVE PREFERENCE OVER SCALED DIMENSIONS.
- ANY DISCREPANCIES MUST BE REPORTED IMMEDIATELY TO THE SUPERINTENDENT.
- THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE DETAILS, SPECIFICATIONS AND ENGINEERING DOCUMENTS.
- LOCATE AND PROTECT ALL UNDERGROUND SERVICES PRIOR TO ANY EXCAVATION. MAKE GOOD ALL DAMAGE TO EXISTING WORKS CAUSED BY THE ACTIVITY OF THESE WORKS.
- THESE DRAWINGS ARE TO BE PRINTED IN COLOUR

These designs, plans and specifications and the copyright therein are the property of TRACT CONSULTANTS PTY. LTD. and must not be used, reproduced or copied, wholly or in part, without the written permission of TRACT CONSULTANTS PTY. LTD.

ADDITIONAL NOTES

- ALL PROPOSED LANDSCAPE WORKS SHALL COMPLY WITH AS 1428.1, AS 1428.2, BCA (2016), DOA (1992), DISABILITY STANDARDS FOR EDUCATION (2005), NSW DOE-EDUCATIONAL FACILITY STANDARDS AND GUIDELINES

PROJECT

WESTERN SYDNEY AND WOLLONGONG
SCHOOLS - WOLLONGONG PS

CLIENT

NSW DEPT OF EDUCATION

DA ISSUE

NOT FOR CONSTRUCTION

SECTIONS
SHEET 1 OF 1

DRAWING No.

0216-0767-10 DA-400

REV

5

DRN

KG

CHKD

JR

APPD

LH

SCALE

AS SHOWN

A1

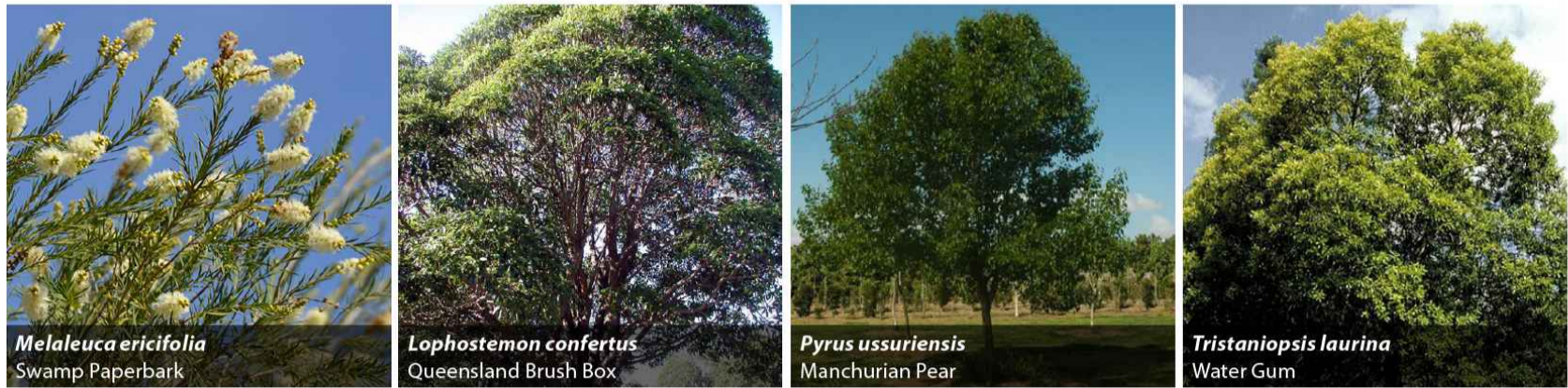
DATE

31.08.2017

Tract
Landscape Architects
Urban Designers
Town Planners

Level 8/80 Mount Street North Sydney N.S.W. 2060
P: 02 9954 3733 www.tract.net.au

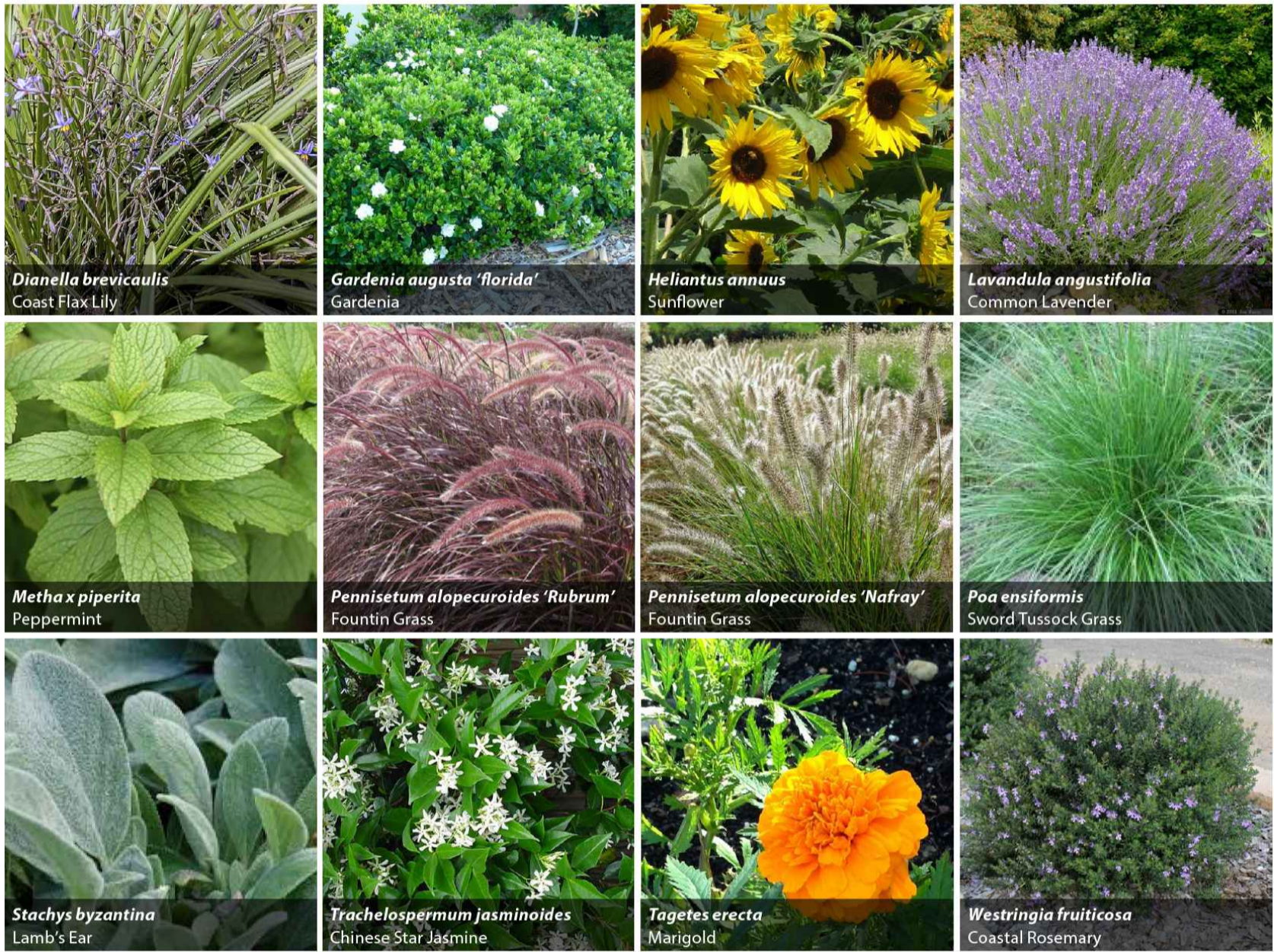
Shade Tree Planting



Native Buffer Planting



Feature/Sensory Planting



Wollongong Public School

PLANTING SCHEDULE

CODE	BOTANIC NAME	COMMON NAME	DENSITY	SIZE AT MATURITY (H x W)	LOCATION
SHADE TREE PLANTING					
Lc	Lophostemon confertus	Queensland Box Brush	5m CTS	12m x 9m	Frontages/Boundary
Me	Melaleuca ericifolia	Swamp Paperbark	3m CTS	9m x 5m	Embankment/Parking
PB	Pyrus ussuriensis	Manchurian Pear	3m CTS	8m x 5m	Outdoor learning spaces
TL	Tristaniopsis laurina 'Luscious' 'DOW10'	Water Gum	5m CTS	12m x 6m	Embankment/Terraces
NATIVE BUFFER PLANTING					
Bi	Banksia integrifolia	Coastal Banksia	2m CTS	9-7m x 4m	Terrace borders/boundary
Bo	Banksia onlongifolia	Dwarf Banksia	4/m ²	50 70cm x 50 100cm	Terrace borders/boundary
Bs	Banksia spinulosa	Hairpin Banksia	2m CTS	2m x 1.5m	Terrace borders/boundary
CW	Callistemon salignus	Willow Bottlebrush	2m CTS	9-7m x 4m	Terrace borders/boundary
Db	Dianella brevicaulis	Coast Flax Lily	4/m ²	30-50cm x 30-50cm	Terrace borders/boundary
Lt	Lomandra longifolia	Spiny-head Mat-rush	3/m ²	70cm-1m x 1m	Terrace borders/boundary
Sc	Syzygium cascade	Lilly Pilly	1/2m ²	3m x 2m	Terrace borders/boundary
Wf	Westringia fruticosa	Coastal Rosemary	1/2m ²	1.5m x 1.5m	Terrace borders/boundary
FEATURE/SENSORY PLANTING					
Db	Dianella brevicaulis	Coast Flax Lily	4/m ²	30-50cm x 30-50cm	Outdoor Learning Spaces
Ga	Gardenia augusta 'Florida'	Gardenia	1/m ²	1.5-2m x 1-1.5m	Outdoor Learning Spaces
Ha	Helianthus annuus	Sunflower	3/m ²	3m x 0.5m	Outdoor Learning Spaces
La	Lavandula angustifolia	Common Lavender	2/m ²	50cm x 80cm	Outdoor Learning Spaces
Mp	Mentha x piperita	Peppermint	2/m ²	50-100cm x 80cm	Outdoor Learning Spaces
Pn	Pennisetum alopecuroides 'Nafay'	Fountain Grass	3/m ²	70cm x 60 cm	Outdoor Learning Spaces
Pr	Pennisetum alopecuroides 'Rubrum'	Red Fountain Grass	2/m ²	90-120cm x 60x90cm	Outdoor Learning Spaces
Pe	Poa ensiformis	Sword Tussock Grass	2/m ²	50-70cm x 50-100cm	Outdoor Learning Spaces
Sb	Stachys byzantina	Lamb's Ear	3/m ²	30-40cm x 40-60cm	Outdoor Learning Spaces
TJ	Trachelospermum jasminoides	Chinese Star Jasmine	1/2m ²	0.5-4m x 3m	Outdoor Learning Spaces
Te	Tagetes erecta	Marigold	3/m ²	120cm x 60cm	Outdoor Learning Spaces
Wf	Westringia fruticosa	Coastal Rosemary	1/2m ²	1.5m x 1.5m	Outdoor Learning Spaces

REV	DESCRIPTION	DATE	DRAWN	CHKD
0	TENDER ISSUE	01.09.2017	JR	LH
1	TENDER ISSUE	06.10.17	JR	LH
2	REISSUED FOR TENDER	23.10.17	KG	LH
3	TENDER ISSUE - OPTIONAL WORKS AREAS ADDED	27.10.17	KG/JR	LH
4	TENDER ISSUE - KITCHEN GARDEN REMOVED	01.11.17	KG	LH
5	ISSUE FOR DEVELOPMENT APPLICATION	16.11.17	JR	LH
6	REVISED ISSUE FOR DEVELOPMENT APPLICATION	16.04.18	JR	LH
7	REVISED ISSUE FOR DA-TREE NUMBERING AMENDED	27.04.18	JR	LH

GENERAL NOTES

- DO NOT SCALE DRAWINGS. FIGURED DIMENSIONS HAVE PREFERENCE OVER SCALED DIMENSIONS.
- ANY DISCREPANCIES MUST BE REPORTED IMMEDIATELY TO THE SUPERINTENDENT.
- THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE DETAILS, SPECIFICATIONS AND ENGINEERING DOCUMENTS.
- LOCATE AND PROTECT ALL UNDERGROUND SERVICES PRIOR TO ANY EXCAVATION. MAKE GOOD ALL DAMAGE TO EXISTING WORKS CAUSED BY THE ACTIVITY OF THESE WORKS.
- THESE DRAWINGS ARE TO BE PRINTED IN COLOUR

These designs, plans and specifications and the copyright therein are the property of TRACT CONSULTANTS PTY. LTD. and must not be used, reproduced or copied, wholly or in part, without the written permission of TRACT CONSULTANTS PTY. LTD.

ADDITIONAL NOTES

- ALL PROPOSED LANDSCAPE WORKS SHALL COMPLY WITH AS 1428.1, AS 1428.2, BCA (2016), DDA (1992), DISABILITY STANDARDS FOR EDUCATION (2005), NSW DOE-EDUCATIONAL FACILITY STANDARDS AND GUIDELINES

PROJECT

WESTERN SYDNEY AND WOLLONGONG SCHOOLS - WOLLONGONG PS

CLIENT

NSW DEPT OF EDUCATION

DA ISSUE

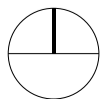
NOT FOR CONSTRUCTION

PLANTING PALETTE AND SCHEDULE SHEET 1 OF 1

DRAWING No.	REV	DRN	CHKD	APPD
0216-0767-10 DA-500	7	KG	JR	LH

SCALE
NTS

A1

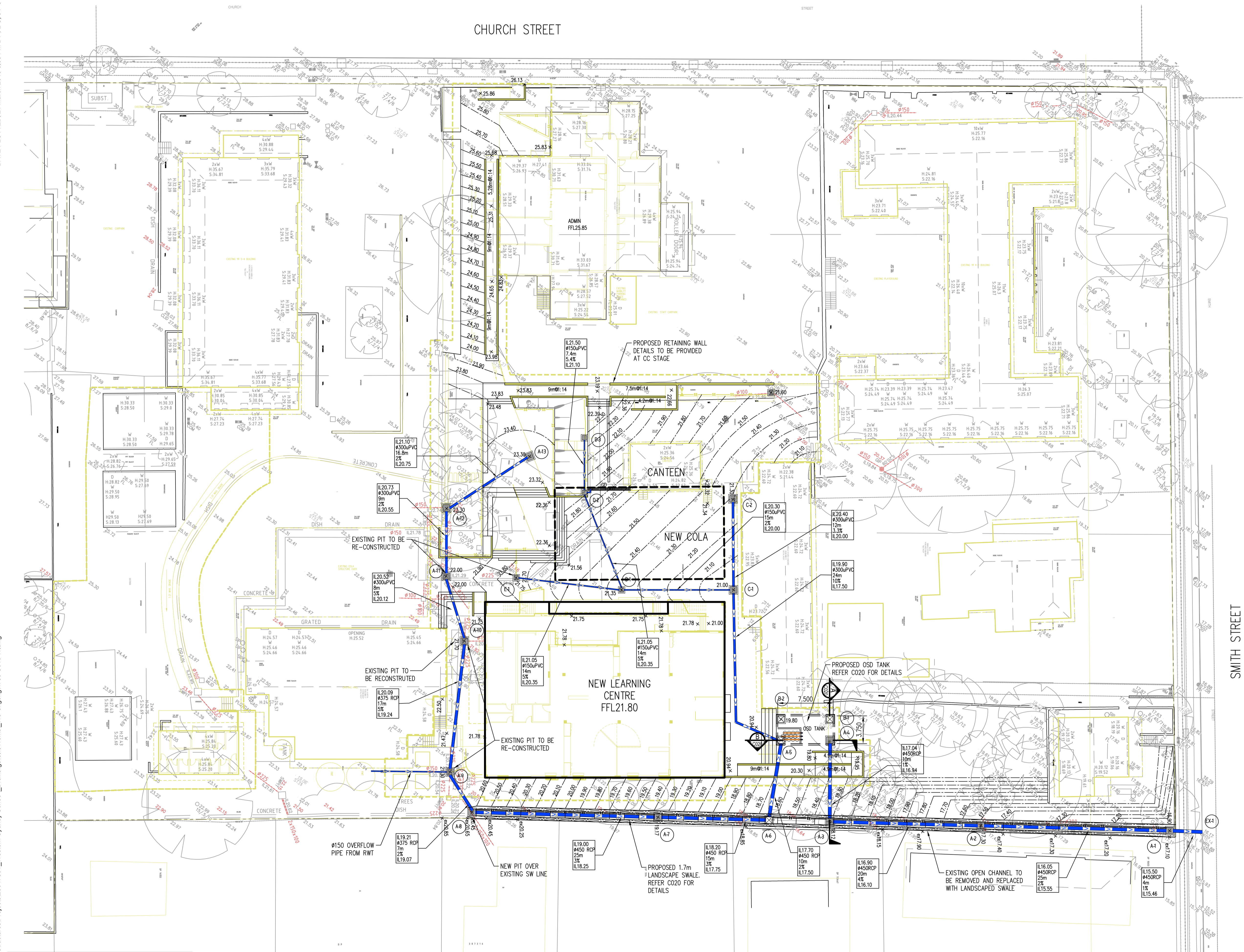


DATE
31.08.2017

Tract
Landscape Architects
Urban Designers
Town Planners

Level 8/80 Mount Street North Sydney N.S.W. 2060
P: 02 9954 3733 www.tract.net.au

Tract



- LEGEND**
- SITE BOUNDARY
 - PROPOSED JUNCTION PITS
 - PROPOSED SURFACE INLET PITS
 - PROPOSED GRATED DRAIN
 - PROPOSED STORMWATER PIPE
 - PROPOSED CONTOURS
 - PROPOSED SPOT LEVEL
 - OVERLAND FLOW
 - EXISTING STORMWATER
 - PROPOSED PIT TAG
 - STORMWATER UPSTREAM INVERT RL
 - STORMWATER PIPE DIAMETER & CLASS
 - STORMWATER PIPE LENGTH
 - STORMWATER PIPE GRADE
 - STORMWATER DOWNSTREAM INVERT RL
 - PROPOSED SUB-SOIL PIPE

FOR APPROVAL

NOT FOR CONSTRUCTION

COPYRIGHT
These drawings, plans and specifications and the copyright therein are the property of WSP Structures and must not be used, reproduced or copied wholly or in part without the written permission of WSP Structures.

WOLLONGONG PUBLIC SCHOOL
NSW DEPARTMENT OF EDUCATION
67A CHURCH ST. WOLLONGONG



www.wsp.com

GENERAL ARRANGEMENT PLAN

CIVIL DRAWING

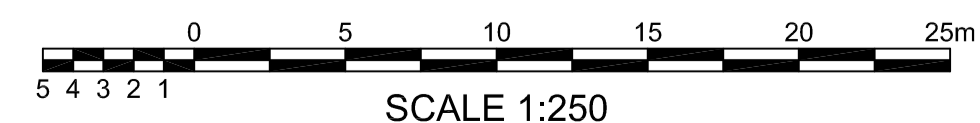
Designed S.HANNA	Approved	North
Drawn J.LIU	Project Engineer/Director	Date
Scale 1:250	Drawing No:	Issue
Date MAY 2017	4785 C010	P1

DIAL 1100

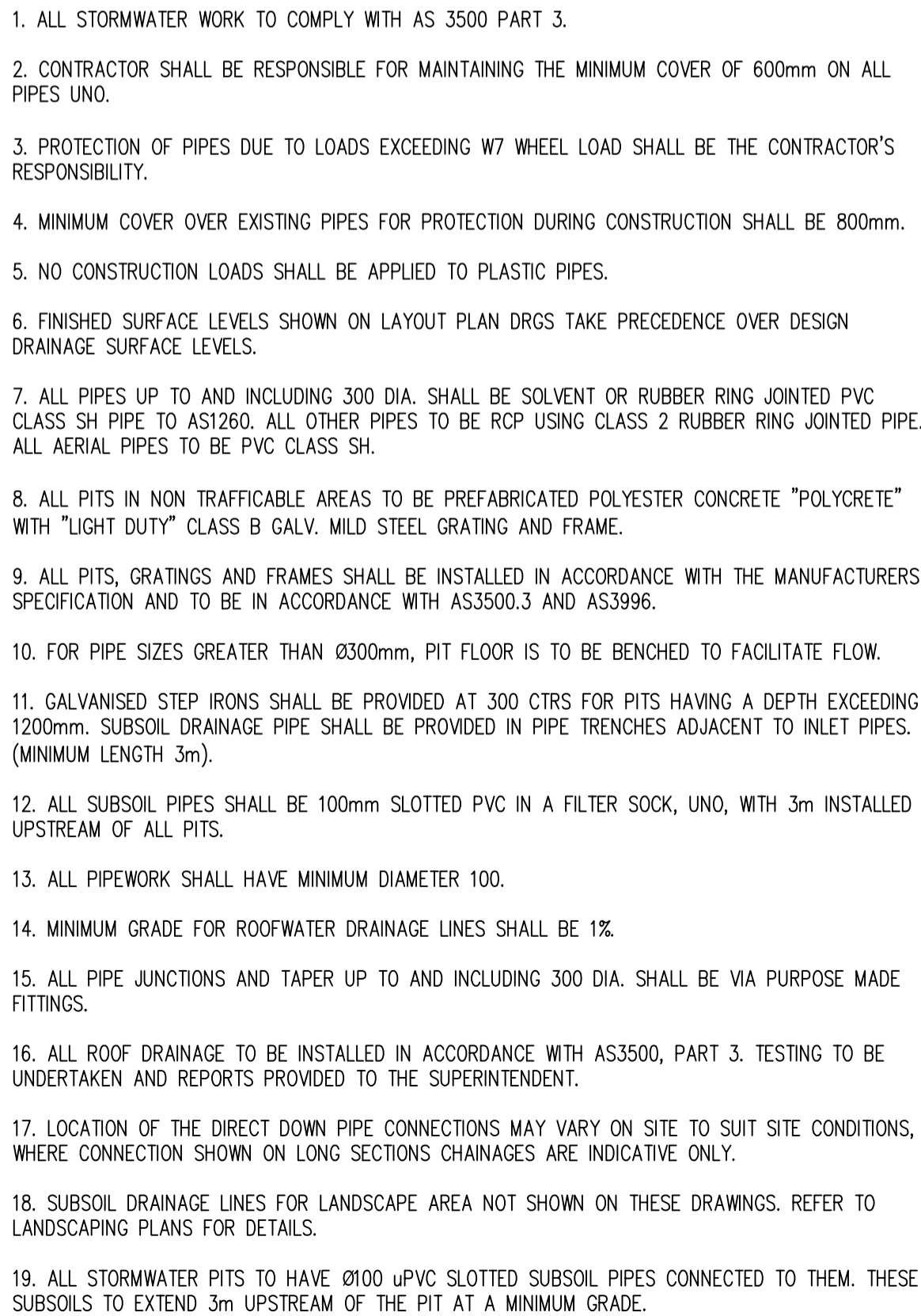
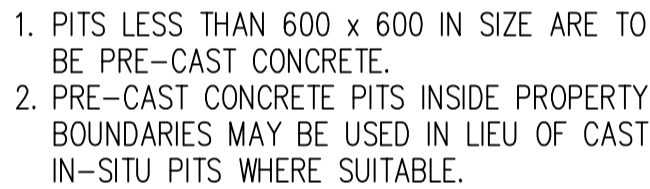
DIAL BEFORE YOU DIG
CONTRACTOR TO CONFIRM LOCATION
OF EXISTING SERVICES PRIOR TO
COMMENCEMENT OF WORKS

GENERAL ARRANGEMENT PLAN

SCALE: 1:250



SCALE 1:250



COPYRIGHT All rights reserved
These drawings, plans and specifications and the copyright therein are the property of WSP Structures and must not be used, reproduced or copied wholly or in part without the written permission of WSP Structures.

WOLLONGONG PUBLIC SCHOOL
NSW DEPARTMENT OF EDUCATION
67A CHURCH ST. WOLLONGONG



STORMWATER DETAILS AND PIT LID SCHEDULE

P1	FOR APPROVAL		21.03.2018	SH
T2	TENDER ISSUE		31.08.2017	SH
T1	TENDER ISSUE		24.07.2017	SH
ISSUE	REVISION		DATE	INITIAL

PIT SCHEDULE					
Name	Type	Family	Size	Surface El (m)	Comment
A-13	Sag	SURFACE INLET	900x900	23.30	Provide Enviropod 200 Basket
A-12	Sag	SURFACE INLET	900x900	23.30	Provide Enviropod 200 Basket
A-11	Sag	SURFACE INLET	900x900	22.00	Provide Enviropod 200 Basket
A-10	OnGrade	SURFACE INLET	900x900	21.70	Provide Enviropod 200 Basket
A-9	Sag	SURFACE INLET	900x900	21.30	Provide Enviropod 200 Basket
A-8	Sag	SURFACE INLET	900x900	20.45	Provide Enviropod 200 Basket
A-7	Sag	SURFACE INLET	900x900	19.17	Provide Enviropod 200 Basket
A-6	SAG	SEALED JUNCTION	900x900	18.50	–
A-3	OnGrade	SURFACE INLET	900x900	18.12	Provide Enviropod 200 Basket
A-2	Sag	SURFACE INLET	900x900	17.30	Provide Enviropod 200 Basket
A-1	Sag	SURFACE INLET	900x900	16.90	Provide Enviropod 200 Basket
EX-1	Existing	EXISTING KERB INLET	–	16.14	–
A-4	OnGrade	SURFACE INLET	900x900	19.62	Access hatch within OSD lid
A-5	OnGrade	SEALED JUNCTION	900x900	19.62	Access hatch within OSD lid
B-1	OnGrade	SEALED JUNCTION	900x900	19.62	Access hatch within OSD lid
B-2	OnGrade	SEALED JUNCTION	900x900	19.62	Access hatch within OSD lid
C-1	Sag	SURFACE INLET	900x900	21.00	Provide Enviropod 200 Basket
C-2	Sag	SURFACE INLET	900x900	21.30	Provide Enviropod 200 Basket
D-1	OnGrade	SURFACE INLET	600x600	21.35	Provide Enviropod 200 Basket
D-2	OnGrade	SURFACE INLET	600x600	21.90	Provide Enviropod 200 Basket
D-3	OnGrade	SURFACE INLET	600x600	22.35	Provide Enviropod 200 Basket
E-1	OnGrade	SURFACE INLET	600x600	21.75	Provide Enviropod 200 Basket

HARDSTAND/LANDSCAPE
DRAINING TO EACH RESPECTIVE
STORMWATER INLET AS NOTED

NOT FOR CONSTRUCTION


COPYRIGHT All rights reserved.
These drawings, plans and specifications and the copyright therein are the property of WSP Structures and must not be used, reproduced or copied wholly or in part without the written permission of WSP Structures.

WOLLONGONG PUBLIC SCHOOL
NSW DEPARTMENT OF EDUCATION
67A CHURCH ST. WOLLONGONG

www.wsp.com

POST DEVELOPMENT CATCHMENT PLAN

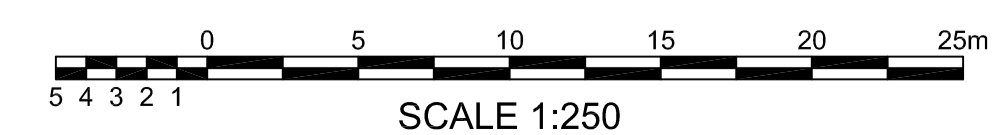
CIVIL DRAWING

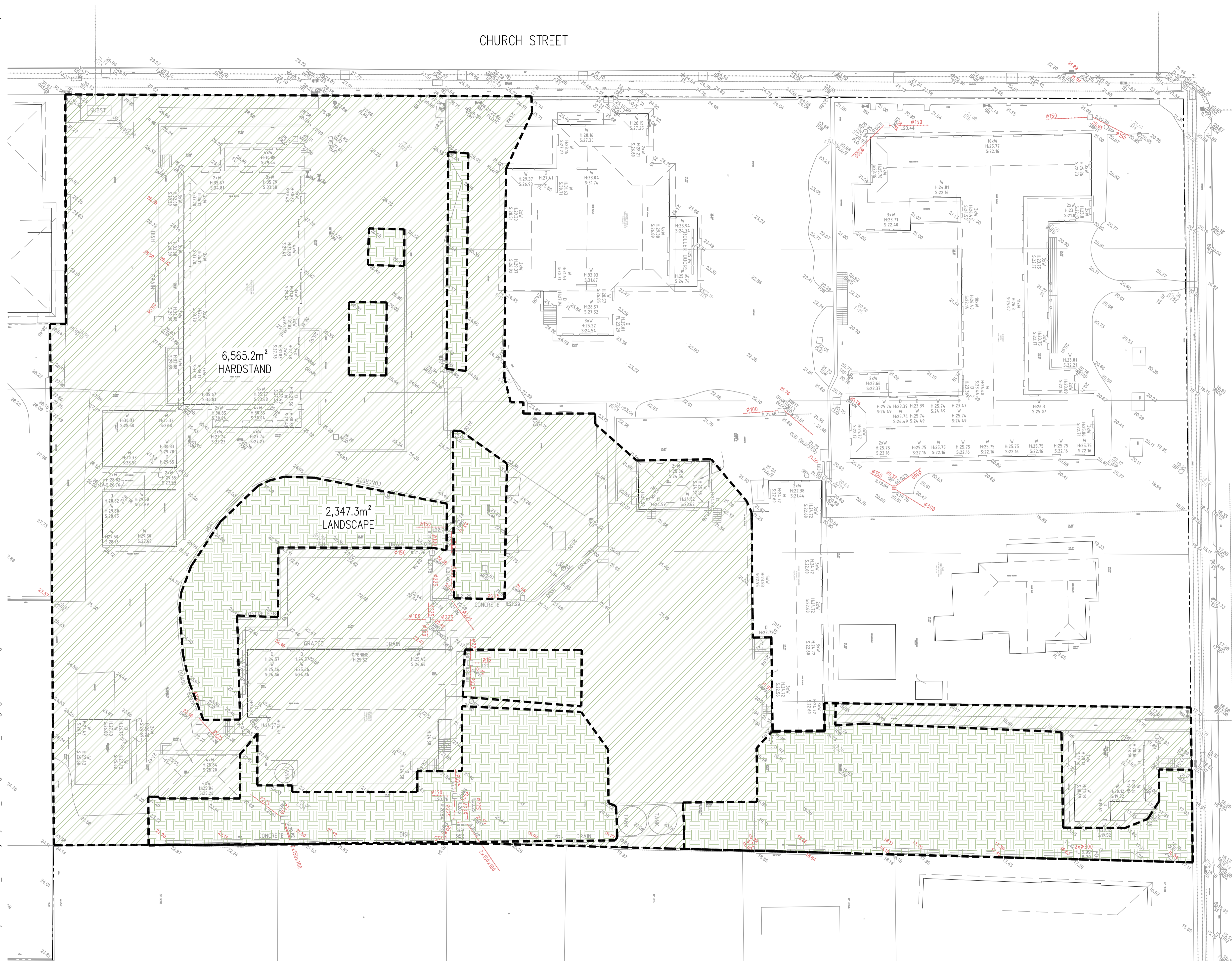
Designed S.HANNA	Approved	North 
Drawn J.LIU	Project Engineer/Director	Date
Scale 1:250	Drawing No:	Issue
Date MAY 2017	4785 C030	P1

DIAL BEFORE YOU DIG
CONTRACTOR TO CONFIRM LOCATION
OF EXISTING SERVICES PRIOR TO
COMMENCEMENT OF WORKS

POST DEVELOPMENT CATCHMENT PLAN

SCALE: 1:250

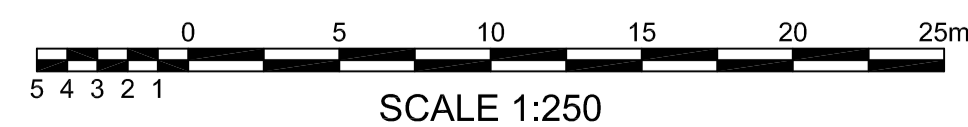




PI	DM	ISSUE	20.03.2018	SV
ISSUE	REVISION	DATE	INITIAL	

DIAL 1100
DIAL BEFORE YOU DIG
CONTRACTOR TO CONFIRM LOCATION
OF EXISTING SERVICES PRIOR TO
COMMENCEMENT OF WORKS

PRE DEVELOPMENT CATCHMENT PLAN
SCALE: 1:250



TOTAL CATCHMENT AREA: 8,913m²
PRE DEVELOPMENT

HARDSTAND: 6,565.2m²

LANDSCAPE: 2,347.3m²

FOR APPROVAL

NOT FOR CONSTRUCTION

COPYRIGHT
These drawings, plans and specifications and the copyright therein are the property of WSP Structures and must not be used, reproduced or copied wholly or in part without the written permission of WSP Structures.
All rights reserved.

WOLLONGONG PUBLIC SCHOOL
NSW DEPARTMENT OF EDUCATION
67A CHURCH ST. WOLLONGONG



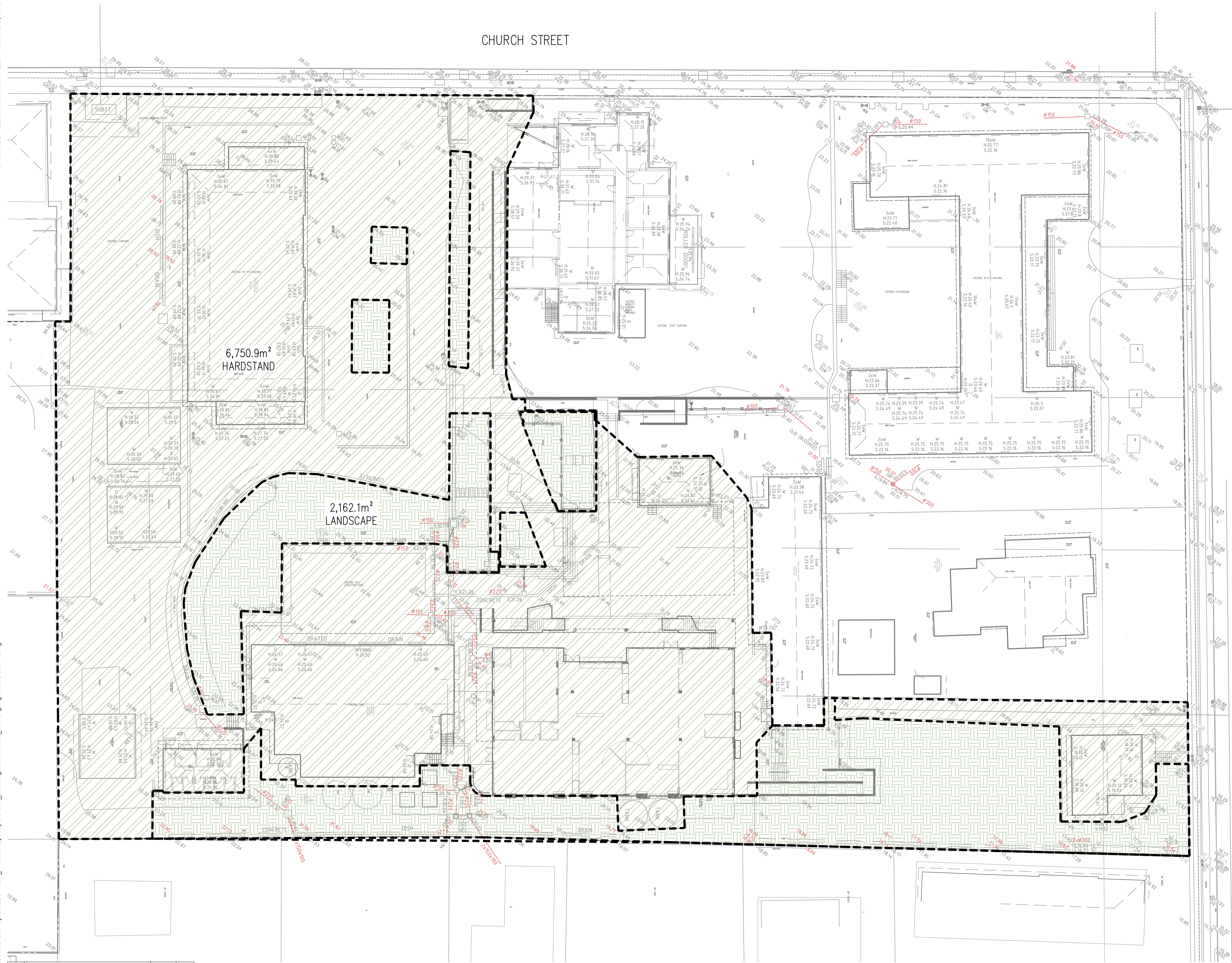
www.wsp.com

PRE DEVELOPMENT
CATCHMENT PLAN

CIVIL DRAWING				
Designed S.HANNA	Approved			
Drawn J.LIU	Project Engineer/Director	Date		
Scale 1:250	Drawing No:			
Date MAY 2017				



4785 C031 P1



PI	DA	ISSUE	DATE	SY
			20.03.2018	
ISSUE	REVISION	DATE	INITIAL	

DIAL 1100
DIAL BEFORE YOU DIG
CONTRACTOR TO CONFIRM LOCATION
OF EXISTING SERVICES PRIOR TO
COMMENCEMENT OF WORKS

POST DEVELOPMENT CATCHMENT PLAN – OVERALL
SCALE: 1:250

TOTAL CATCHMENT AREA: 8,913m²
POST DEVELOPMENT – OVERALL

HARDSTAND: 6,750.9m²
impervious: 75.74%

LANDSCAPE: 2,162.1m²
pervious: 24.26%

FOR APPROVAL

NOT FOR CONSTRUCTION

COPYRIGHT
These drawings, plans and specifications and the copyright therein are the property of WSP Structures and must not be used, reproduced or copied wholly or in part without the written permission of WSP Structures.
All rights reserved.

WOLLONGONG PUBLIC SCHOOL
NSW DEPARTMENT OF EDUCATION
67A CHURCH ST. WOLLONGONG



www.wsp.com

POST DEVELOPMENT
CATCHMENT PLAN - OVERALL

CIVIL DRAWING				
Designed S.HANNA	Approved			
Drawn J.LIU	Project Engineer/Director	Date		
Scale 1:250	Drawing No:			
Date MAY 2017				



4785 C032 P1

