



CENTRE OF EXCELLENCE IN AGRICULTURAL EDUCATION

LANDSCAPE SSDA PACKAGE

SSDA ISSUE 09/11/21 REV I

CONTENTS:

| Number | Title | Revision |
|----------|--------------------------------|----------|
| L-SK 000 | Cover sheet | I |
| L-SK 001 | Structure Plan | E |
| L-SK 002 | Context Plan | F |
| L-SK 004 | Landscape Design and Character | D |
| L-SK 005 | Overall Tender Plan | E |
| L-SK 006 | Landscape Legend and Schedule | C |
| L-SK 007 | Arrangement Plan 01 | C |
| L-SK 008 | Arrangement Plan 02 | D |
| L-SK 009 | Arrangement Plan 03 | C |
| L-SK 010 | Arrangement Plan 04 | E |
| L-SK 011 | Landscape Sections | B |
| L-SK 012 | Planting Plan and Schedule | E |

| Issue | | | | |
|-------|------------|-----------------|------|--|
| No. | Date | Description | Chkd | |
| A | 24/02/2021 | DRAFT CONCEPT | AL | |
| B | 01/04/2021 | SCHEMATIC ISSUE | AL | |
| C | 28/04/2021 | SSDA ISSUE | AL | |
| D | 28/06/2021 | SSDA ISSUE | JK | |
| E | 09/11/2021 | SSDA ISSUE | JK | |

Disclaimer
These plans are for tender use only. Not intended for construction purpose unless specifically noted. The contractor intending to use these documents shall check and verify all works on site and report any discrepancy to the Landscape Architect prior to commencement. Failure to do so shall not be the responsibility of the Client or Landscape Architect.

Landscape Architect
**NBR
SARCHITECTURE.
LANDSCAPE**
Level 3, 4 Glen Street, Milsons Point, NSW 2061 Australia
T 61 2 9922 2344 F 61 2 9922 1308
E architects@nbrsarchitecture.com W nbrsarchitecture.com
Any form of replication of this drawing in full or in part without the written permission of NBR & PARTNERS Pty Ltd constitutes an infringement of the copyright
ABN 16 002 247 565 © 2017

Project
Centre of Excellence in Agricultural Education
at
Vine Dr, Richmond NSW 2753
for
Department of Education

Drawing Title
Structure Plan

Date 09/11/2021
Scale NTS
Drawing Reference
20417-NBRS-L-SK 001
Rev
E



| Issue | | | | |
|-------|------------|-----------------|--|------|
| No. | Date | Description | | Chkd |
| A | 19/03/2021 | CONCEPT ISSUE | | AL |
| B | 01/04/2021 | SCHEMATIC ISSUE | | AL |
| C | 28/04/2021 | SSDA ISSUE | | JK |
| D | 28/06/2021 | SSDA ISSUE | | MF |
| E | 27/10/2021 | SSDA ISSUE | | MF |
| F | 09/11/2021 | SSDA ISSUE | | MF |

Disclaimer

These plans are for tender use only. Not intended for construction purpose unless specifically noted. The contractor intending to use these documents shall check and verify all works on site and report any discrepancy to the Landscape Architect prior to commencement. Failure to do so shall not be the responsibility of the Client or Landscape Architect.

Landscape Architect

NBR
ARCHITECTURE.
LANDSCAPE

Level 3, 4 Glen Street, Milsons Point, NSW 2061 Australia
T 61 2 9922 2344 F 61 2 9922 1308
E architects@nbrsarchitecture.com W nbrsarchitecture.com

Any form of replication of this drawing in full or in part without the written permission of NBR & PARTNERS Pty Ltd constitutes an infringement of the copyright
ABN 16 002 247 585 © 2017

Project

Centre of Excellence in Agricultural Education

at

Vine Dr, Richmond NSW 2753

for

Department of Education

Drawing Title

Context Plan

Date 09/11/2021

Scale 1:1000 @ A1 1:2000 @ A3

0 10 20 30 40 50 60m

Drawing Reference 20417-NBRS-L-SK 002

Rev F

INDIGENOUS ENTERPRISE



Weaving paths and planted beds with native species and indigenous foods.



The Yam Daisy to be propagated.



Informal paths



Native pastures for grain harvests.



Indicative character

TECHNOLOGY ENTERPRISE



Flowering crops



Agricultural influenced design.



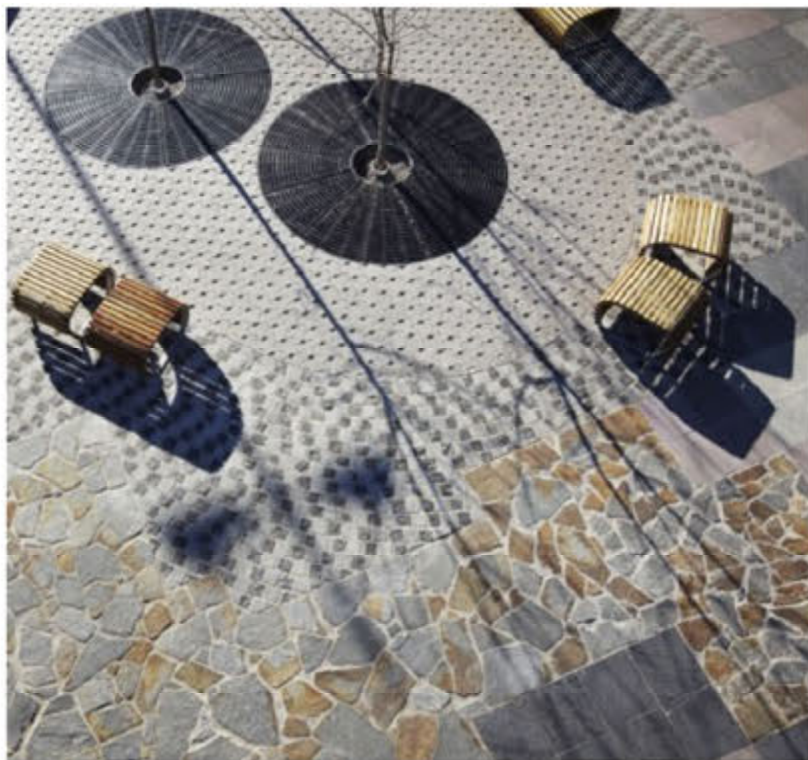
Vineyards



Pergola structure integrated into trellis system.



'Cut Flower Gardens'

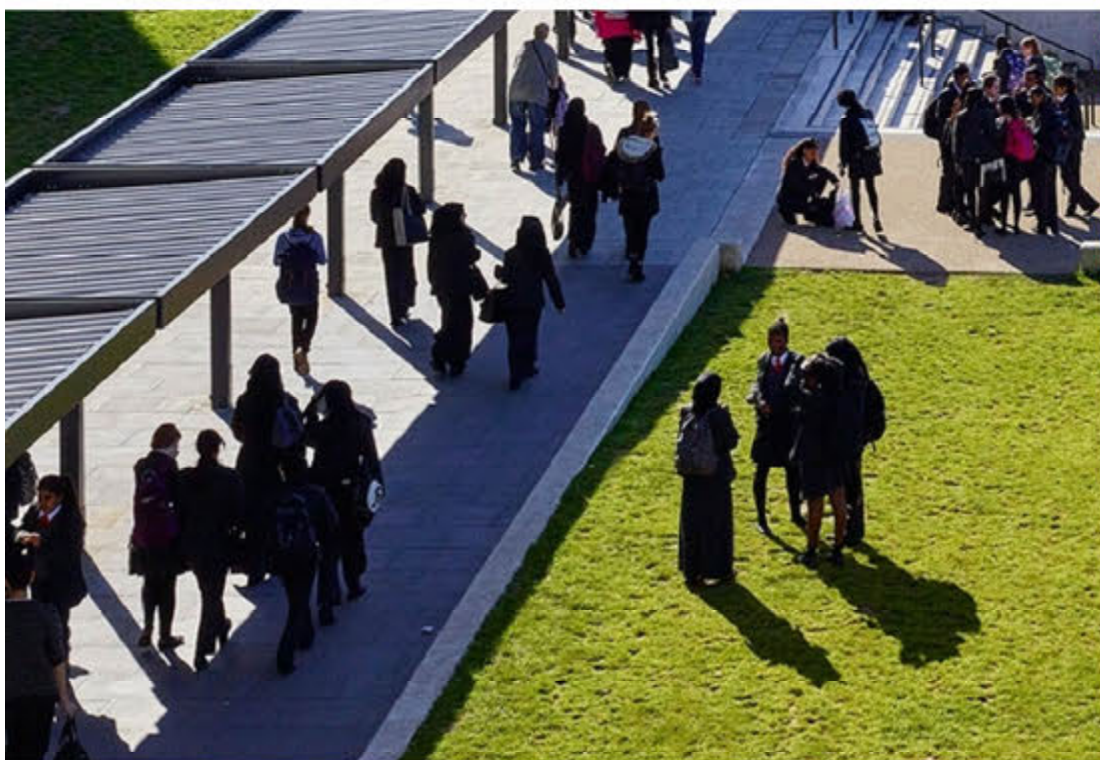


Promenade hardscape

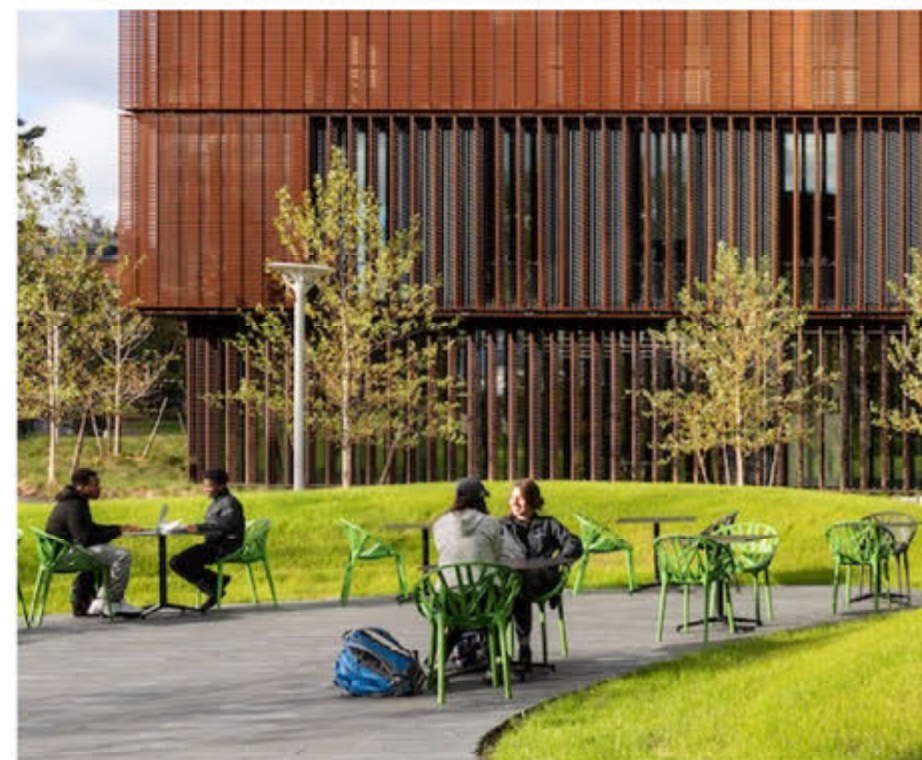
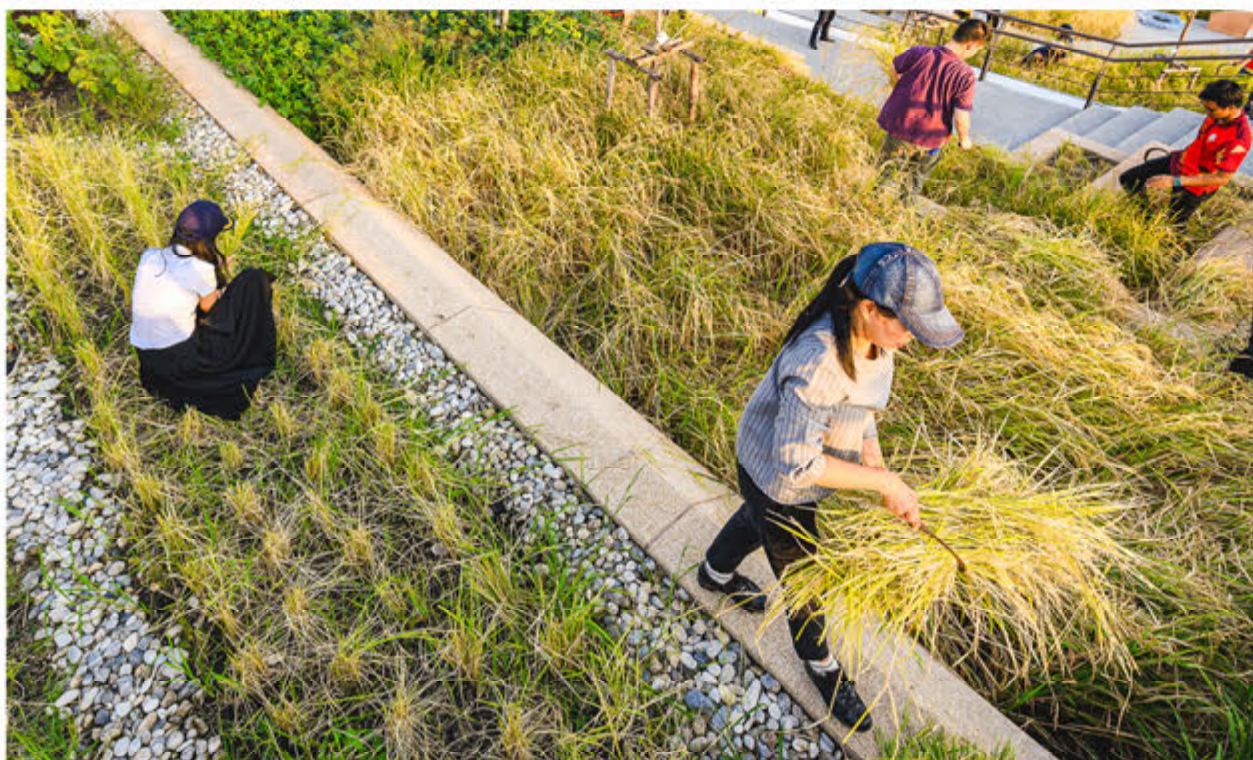


Kitchens Gardens with small Orchard.

LEARNING SPACES



Village green with covered walkways and shade provided by trees.



MATERIALITY



Combination of paving materials along promenade.



Tree detail in hardscape.



Seamless transition from inside blocks to external surfaces.



Educational paving features.



Porous paving around tree pits.



Earthy coloured gravels and decomposed granite.

| Issue | | | | |
|-------|------------|-----------------|------|--|
| No. | Date | Description | Chkd | |
| A | 01/04/2021 | SCHEMATIC ISSUE | AL | |
| B | 28/04/2021 | SSDA ISSUE | AL | |

Disclaimer
These plans are for tender use only. Not intended for construction purpose unless specifically noted. The contractor intending to use these documents shall check and verify all works on site and report any discrepancy to the Landscape Architect prior to commencement. Failure to do so shall not be the responsibility of the Client or Landscape Architect.

Landscape Architect
**NBR
ARCHITECTURE.
LANDSCAPE**
Level 3, 4 Glen Street, Milsons Point, NSW 2061 Australia
T 61 2 9922 2344 F 61 2 9922 1308
E architects@nbrsarchitecture.com W nbrsarchitecture.com
Any form of replication of this drawing in full or in part without the written permission of NBR & PARTNERS Pty Ltd constitutes an infringement of the copyright
ABN 16 002 247 565 © 2017

Project
Centre of Excellence in Agricultural Education
at
Vine Dr, Richmond NSW 2753
for
Department of Education

Drawing Title
Landscape Design and Character



LEGEND

- Existing Trees Removed
Refer to arborist report
- Existing Trees Retained
Refer to arborist report
- Proposed Trees
Refer to Planting Plan and Schedule
- Propagation Fields by School
Soil, irrigation and other infrastructure needed
- Planting
Soil, irrigation (drip) and plants (4 per/m2)
- Hardscape
- Coloured Concrete
- Decomposed granite
- Porous Paving
- Brick Paving
- Unit Pavers
- Grey Concrete
- Turf
- High Quality Irrigated Lawn
- Low Maintenance Lawn (establishment irrigation)
- Fences
- 2.1m High Security Fence (Corromesh)
- 2.1m High Security Fence (Tubular)
- Paddock Fence
- Refer to fence plans in architecture set.



LANDSCAPE ELEMENTS

- 01: Pergola - Timber structure with cables to allow grape vine to grow over. Australian hardwood.
- 02: Vineyard Trellis - Timber posts and cabling. Irrigation infrastructure required.
- 03: Orchard - Provide soil, ground preparation and water supply points. Tree specimens installed by school.
- 04: Kitchen Gardens - Raised garden beds constructed from Australian Hardwood (400 High). Water supply points, mulch, soil, compost bins and trellis structures required.
- 05: Outdoor Seating Elements - Bespoke / proprietary outdoor seating furniture. Concrete and mod wood materials to be used.
- 06: Seating Steps - Concrete seating steps (600W x 300H).
- 07: Plaques / Educational Installation - Allow costing to supply / install elements inset into pavement TBC by school.
- 08: Kick About Lawn - Allow costing to grade / level landform and provide drainage to prevent water from pooling.
- 09: Bike Racks - 24 secure bike parking locations undercover. Hooped stainless steel bike racks.
- 10: External Foot Paths - External foot paths extent to be confirmed

NOTE:
This drawing illustrates works to be tendered on. Highlighted/noted areas to be realised as apart of schools curriculum.

| Issue | | | |
|-------|------------|-----------------|------|
| No. | Date | Description | Chkd |
| A | 24/02/2021 | DRAFT CONCEPT | AL |
| B | 01/04/2021 | SCHEMATIC ISSUE | AL |
| C | 28/04/2021 | SSDA ISSUE | AL |
| D | 28/06/2021 | SSDA ISSUE | JK |
| E | 09/11/2021 | SSDA ISSUE | JK |

Disclaimer
These plans are for tender use only. Not intended for construction purpose unless specifically noted. The contractor intending to use these documents shall check and verify all works on site and report any discrepancy to the Landscape Architect prior to commencement. Failure to do so shall not be the responsibility of the Client or Landscape Architect.








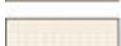
Level 3, 4 Glen Street, Milsons Point, NSW 2061 Australia
T: 61 2 9922 2344 F: 61 2 9922 1308
E: architects@nbrsarchitecture.com W: nbrsarchitecture.com
Any form of replication of this drawing in full or in part without the written permission of NBR & PARTNERS Pty Ltd constitutes an infringement of the copyright
ABN 16 002 247 565 © 2017

Project
Centre of Excellence in Agricultural Education
at
Vine Dr, Richmond NSW 2753
for
Department of Education

Drawing Title
Overall Tender Plan

| | |
|-------------------|------------------------|
| Date | 09/112021 |
| Scale | 1:500 @ A1 1:1000 @ A3 |
| 0 | 5 10 15 20 25 30m |
| Drawing Reference | 20417-NBRS-L-SK 005 |
| Rev | E |

LANDSCAPE LEGEND AND SCHEDULE

| CODE | DESCRIPTION | DIMENSION | SUPPLIER |
|--|--|--------------------|----------------------------|
| FURNITURE AND FIXTURES | | | |
| WS01 | Custom Curved Concrete Bench | 500mmH x 450W | - |
| WS02 | Custom Concrete Stool | 500mmH x 450D | - |
| WS03 | Outdoor Table Setting | Proprietary Item | Street Furniture Australia |
| WS04 | Bench Seat with Back | Proprietary Item | Street Furniture Australia |
| BR01 | Hooped Bike Rack | Proprietary Item | Cora (CBR2B) |
| BL | Stainless Steel Bollard | Proprietary Item | - |
| HT | Hose Taps | Proprietary Item | - |
| STRUCTURES | | | |
| TB01 | Timber Truss Bridge | 2000W x 15m & 8m | Landmark |
| TP01 | Custom Timber Pergola | 7500W x 14000L | - |
| TS01 | Trellis system (timber posts and wire) | - | - |
| GB01 | Raised hardwood timber Garden Beds | 400D | - |
| RWT01 | Rain Water Tank - Slim Line - Colour Bond | 1700 x 800 x 2200H | - |
| RWT02 | Rain Water Tank - Round Tank Colour Bond | 2700D x 2400H | - |
| FENCES | | | |
| ++++ MC01 | Security Tubular | 2100H | - |
| —●— MC02 | Security Corromesh | 2100H | - |
| —x— FN01 | Wire Farm Fence | 1500H | - |
| GATES | | | |
| GT01 | Sliding Gate | 4800W x 2100H | - |
| GT02 | Double Leaf Swing | 5000W x 2100H | - |
| GT03 | Pedestrian Single Leaf | 3000W x 1600H | - |
| PAVING | | | |
|  PV01 | Grey Concrete | - | - |
|  PV02A | Coloured Concrete (Walnut by CCS) | - | Concrete Colour Solutions |
|  PV02B | Coloured Concrete (Golden Bronze by CCS) | - | Concrete Colour Solutions |
|  PV03 | Brick Paving Staggered | - | - |
|  PV04 | Porous Pavers (ECOTRIHEX - Oatmeal) | 188L x 92D x 60H | Adbri Masonary |
|  PV05A | Decomposed Granite (Gold) | - | ANL |
|  PV05B | Decomposed Granite (Red / Brown) | - | ANL |
|  PV06 | Unit Pavers | TBC | TBC |
| HARDSCAPE | | | |
| ST01 | Concrete stairs (Including Handrails, nosing and Tactiles) | 2000W | - |
| SS01 | Concrete Seating Steps | 600W x 300D | - |
| SOFTSCAPE | | | |
| MP01 | Garden Mix | 5 plants/m2 | - |
| MP02 | Native Mix | 4 plants/m2 | - |
| MP03 | Endemic Mix | 5 plants/m2 | - |
| MP04 | Rain Garden Mix | 4 plants/m2 | - |
| TF01 | Drought Tolerant Turf (Tiftuf) | 1 roll/m2 | Lawn Solutions |
| TF02 | Amenity Turf (Sir Walter Buffalo Grass) | 1 roll/m2 | Lawn Solutions |



WS04: Proprietary Seat - Street Furniture Australia 'Plaza Seat'



WS01: Curved insitu concrete bench



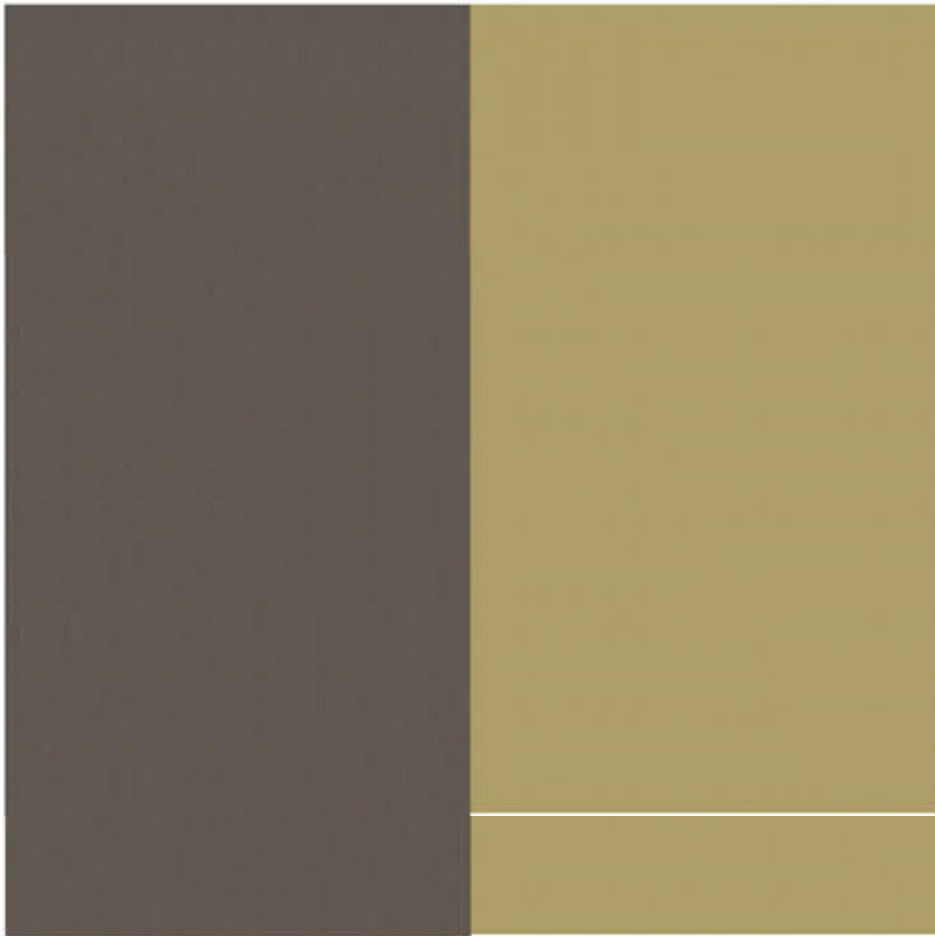
TB01: Fabricated Timber Bridge from Landmark or similar.



MP02: Native mass planting.



PV03: Staggered brick paving (recycled units)



PV02A/B: Coloured Concrete - L: Chestnut and R: Golden Bronze



TP01: Indicative custom timber pergola structure integrated with vineyard trellis system.



PV04: Pourous paving in tri hex shape.



PV05A/B: Decomposed Granite - L: Gold and R: Red/Brown

| Issue | | | | |
|-------|------------|-----------------|--|------|
| No. | Date | Description | | Chkd |
| A | 24/02/2021 | DRAFT CONCEPT | | AL |
| B | 01/04/2021 | SCHEMATIC ISSUE | | AL |
| C | 28/04/2021 | SSDA ISSUE | | AL |

Disclaimer
These plans are for tender use only. Not intended for construction purpose unless specifically noted. The contractor intending to use these documents shall check and verify all works on site and report any discrepancy to the Landscape Architect prior to commencement. Failure to do so shall not be the responsibility of the Client or Landscape Architect.

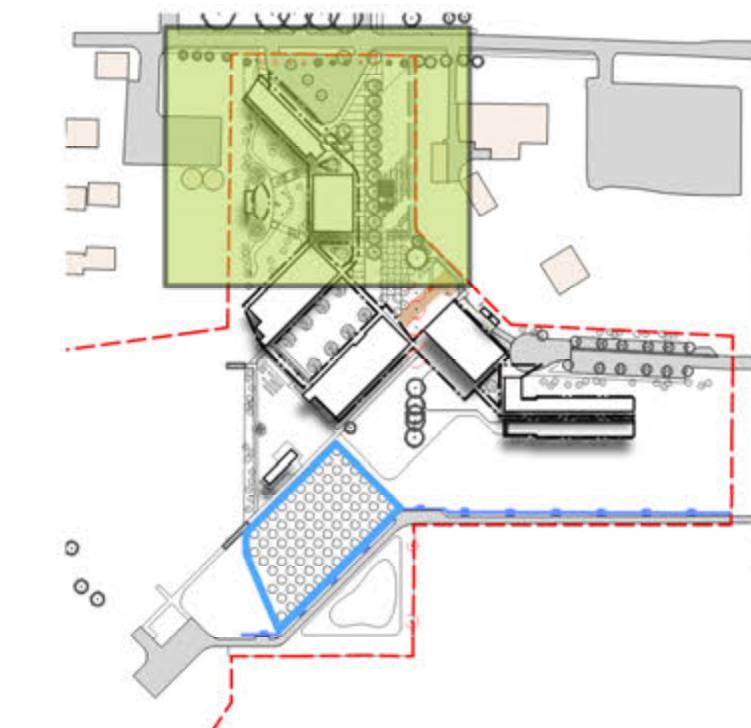
Landscape Architect
NBRSEARCHITECTURE.
LANDSCAPE
Level 3, 4 Glen Street, Milsons Point, NSW 2061 Australia
T 61 2 9922 2344 F 61 2 9922 1308
E architects@nbrsarchitecture.com W nbrsarchitecture.com
Any form of replication of this drawing in full or in part without the written permission of NBR&S PARTNERS Pty Ltd constitutes an infringement of the copyright
ABN 16 002 247 565 © 2017

Project
Centre of Excellence in Agricultural Education
at
Vine Dr, Richmond NSW 2753
for
Department of Education

Drawing Title
Structure Plan

Date 28/04/2021
Scale NTS
Drawing Reference
20417-NBRS-L-SK 006
Rev
C

KEY PLAN



| Issue | | | |
|-------|------------|-----------------|------|
| No. | Date | Description | Chkd |
| A | 01/04/2021 | SCHEMATIC ISSUE | AL |
| B | 28/04/2021 | SSDA ISSUE | AL |
| C | 28/06/2021 | SSDA ISSUE | JK |

Disclaimer

These plans are for tender use only. Not intended for construction purpose unless specifically noted. The contractor intending to use these documents shall check and verify all works on site and report any discrepancy to the Landscape Architect prior to commencement. Failure to do so shall not be the responsibility of the Client or Landscape Architect.

Landscape Architect

NBRARCHITECTURE.
LANDSCAPE


Level 3, 4 Glen Street, Milsons Point, NSW 2061 Australia
 T: 61 2 9922 2344 F: 61 2 9922 1308
 E: architects@nbsrarchitecture.com W: nbsrarchitecture.com

Any form of replication of this drawing in full or in part without the written permission of
 NBS & PARTNERS Pty Ltd constitutes an infringement of the copyright

© 2017

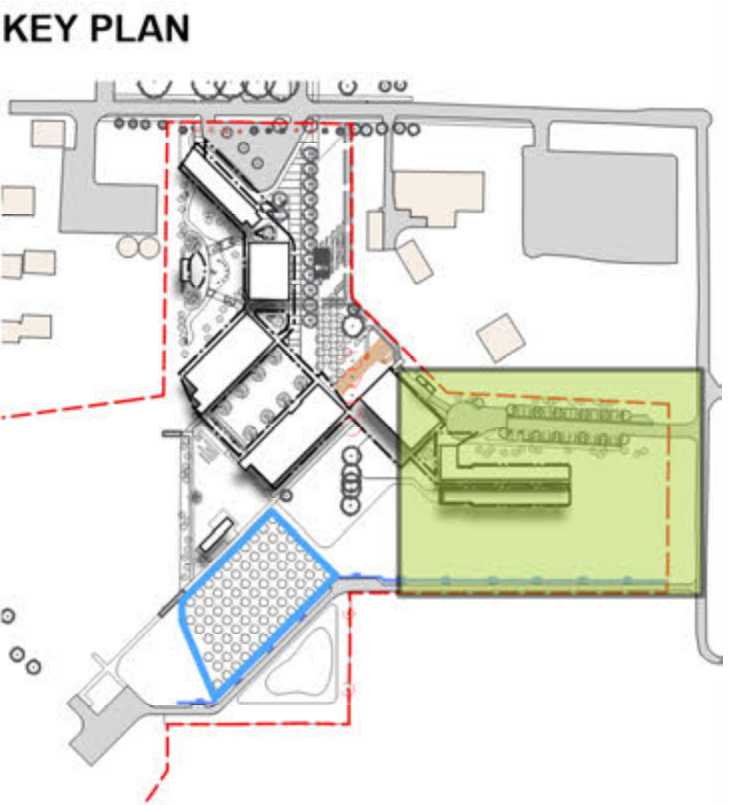
Project
Centre of Excellence in Agricultural Education
at
Vine Dr, Richmond NSW 2753
for
Department of Education

Drawing Title
Arrangement Plan 01


 Date 06/07/2021
 Scale 1:200 @ A1 1:400 @ A3
 0 1 2 3 4 5 6m

| | |
|---------------------|-----|
| Drawing Reference | Rev |
| 20417-NBRS-L-SK 007 | C |





| Issue | | | | |
|-------|------------|-----------------|------|--|
| No. | Date | Description | Chkd | |
| A | 01/04/2021 | SCHEMATIC ISSUE | AL | |
| B | 28/04/2021 | SSDA ISSUE | AL | |
| C | 09/11/2021 | SSDA ISSUE | AL | |

Disclaimer
These plans are for tender use only. Not intended for construction purpose unless specifically noted. The contractor intending to use these documents shall check and verify all works on site and report any discrepancy to the Landscape Architect prior to commencement. Failure to do so shall not be the responsibility of the Client or Landscape Architect.

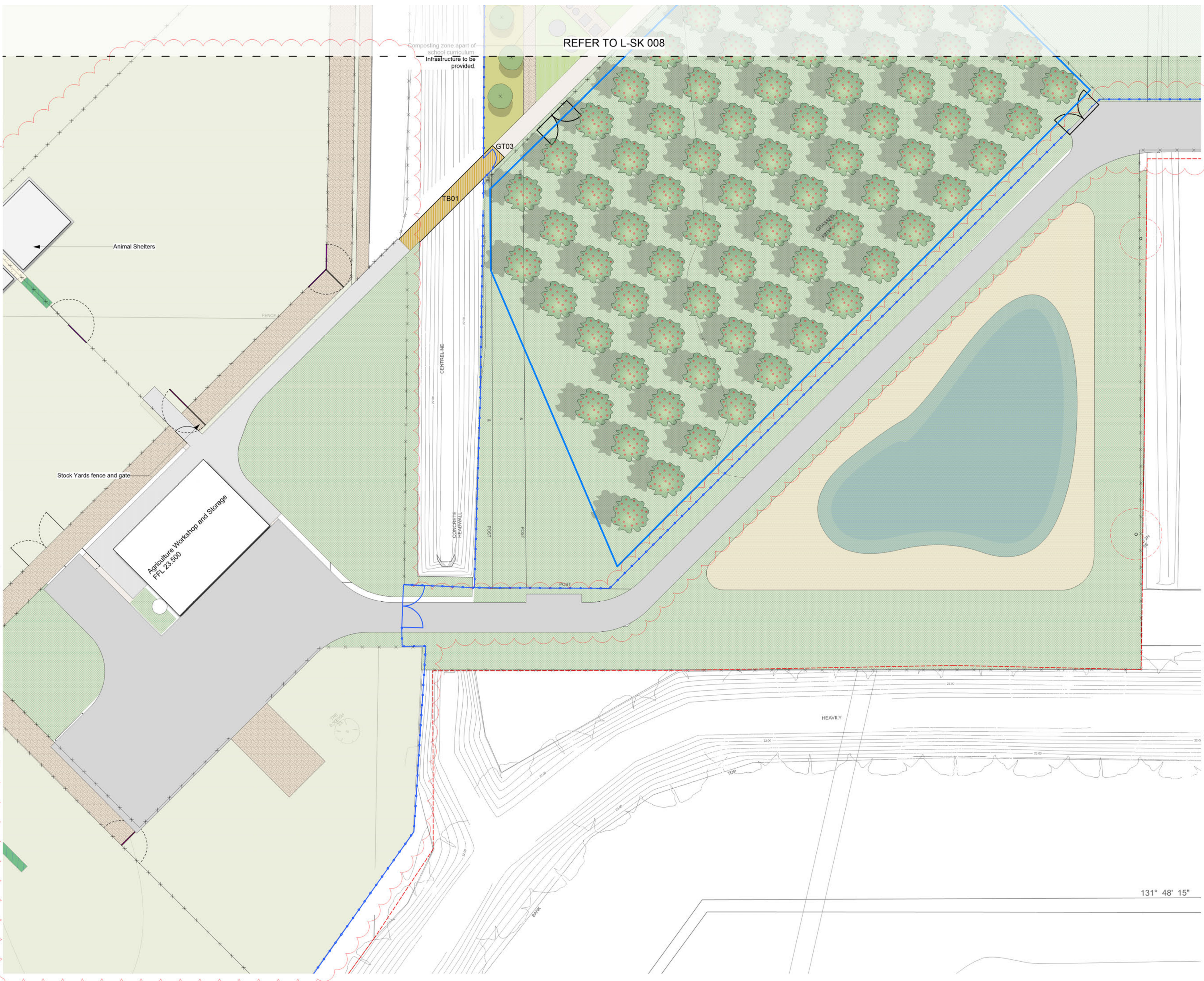
Landscape Architect
**NBR
ARCHITECTURE.
LANDSCAPE**
Level 3, 4 Glen Street, Milsons Point, NSW 2061 Australia
T 61 2 9922 2344 F 61 2 9922 1308
E architects@nbrsarchitecture.com W nbrsarchitecture.com
Any form of replication of this drawing in full or in part without the written permission of NBR & PARTNERS Pty Ltd constitutes an infringement of the copyright
ABN 16 002 247 565 © 2017

Project
Centre of Excellence in Agricultural Education
at
Vine Dr, Richmond NSW 2753
for
Department of Education

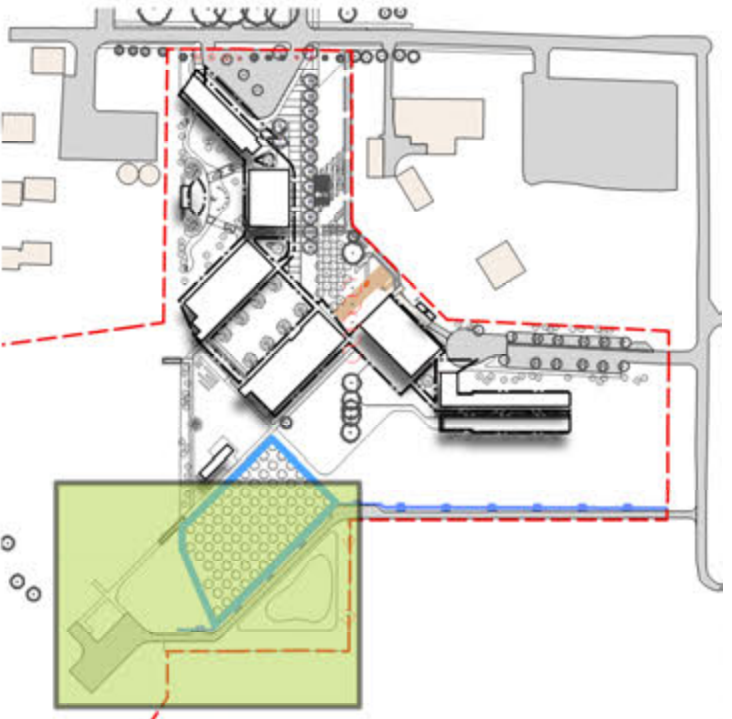
Drawing Title
Arrangement Plan 03

Date 09/11/2021
Scale 1:200 @ A1 1:400 @ A3
0 1 2 3 4 5 6m

Drawing Reference
20417-NBRS-L-SK 009
Rev
C



KEY PLAN



| Issue | | | | |
|-------|------------|-----------------|--|------|
| No. | Date | Description | | Chkd |
| A | 01/04/2021 | SCHEMATIC ISSUE | | AL |
| B | 28/04/2021 | SSDA ISSUE | | AL |
| C | 28/06/2021 | SSDA ISSUE | | JK |
| D | 27/10/2021 | SSDA ISSUE | | MF |
| E | 09/11/2021 | SSDA ISSUE | | MF |

Disclaimer
These plans are for tender use only. Not intended for construction purpose unless specifically noted. The contractor intending to use these documents shall check and verify all works on site and report any discrepancy to the Landscape Architect prior to commencement. Failure to do so shall not be the responsibility of the Client or Landscape Architect.

Landscape Architect
**NBR
SARCHITECTURE.
LANDSCAPE**
Level 3, 4 Glen Street, Milsons Point, NSW 2061 Australia
T 61 2 9922 2344 F 61 2 9922 1308
E architects@nbrsarchitecture.com W nbrsarchitecture.com
Any form of replication of this drawing in full or in part without the written permission of NBR & PARTNERS Pty Ltd constitutes an infringement of the copyright
ABN 16 002 247 585 © 2017

Project
Centre of Excellence in Agricultural Education
at
Vine Dr, Richmond NSW 2753
for
Department of Education

Drawing Title
Arrangement Plan 04

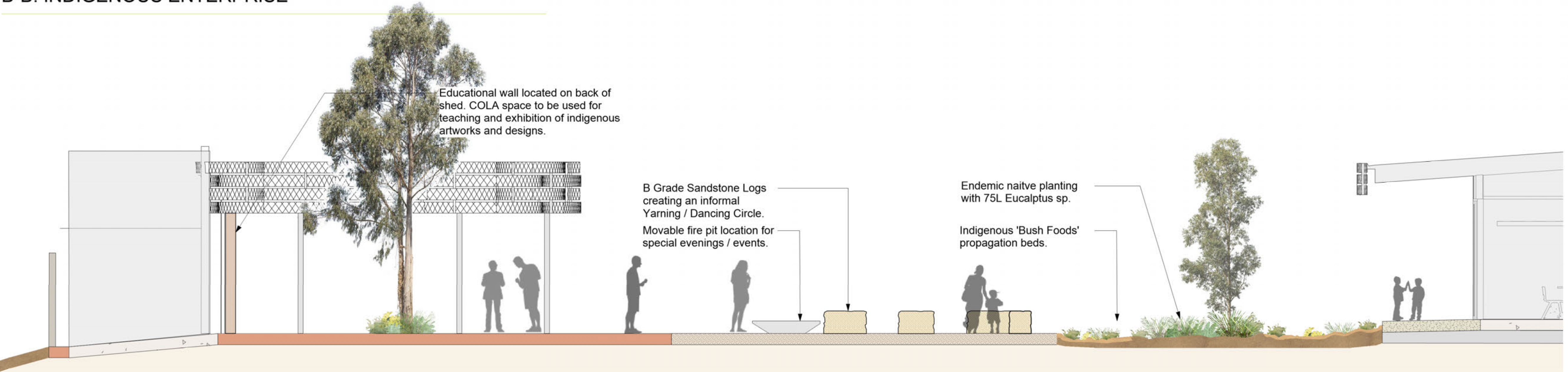
Date 09/11/2021
Scale 1:200 @ A1 1:400 @ A3
0 1 2 3 4 5 6m

Drawing Reference
20417-NBRS-L-SK 010
Rev
E

A-A: TECHNOLOGY ENTERPRISE



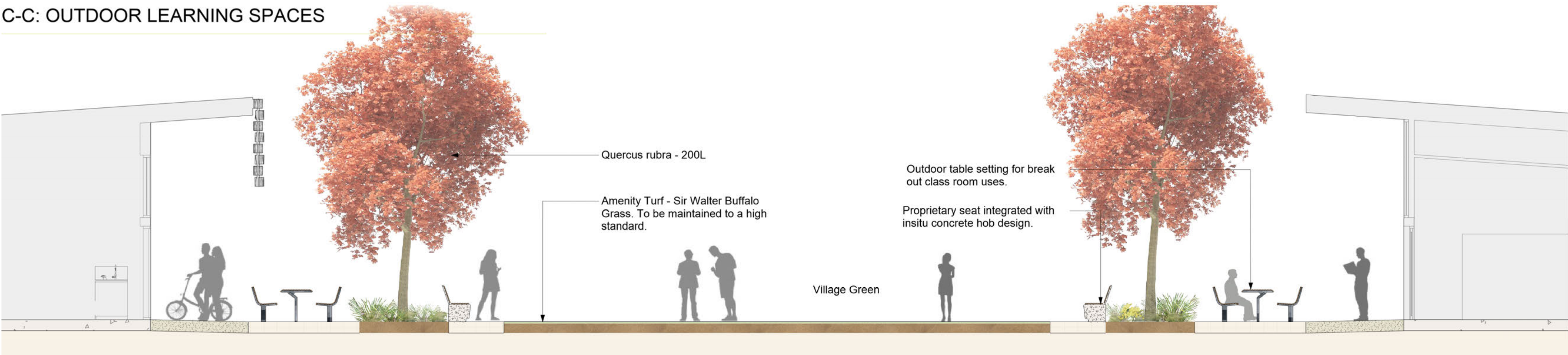
B-B: INDIGENOUS ENTERPRISE



| Issue | | | | Chkd |
|-------|------------|-----------------|--|------|
| No. | Date | Description | | |
| A | 01/04/2021 | SCHEMATIC ISSUE | | AL |
| B | 28/04/2021 | SSDA ISSUE | | AL |

Disclaimer
These plans are for tender use only. Not intended for construction purpose unless specifically noted. The contractor intending to use these documents shall check and verify all works on site and report any discrepancy to the Landscape Architect prior to commencement. Failure to do so shall not be the responsibility of the Client or Landscape Architect.

C-C: OUTDOOR LEARNING SPACES



Landscape Architect
**NBR
ARCHITECTURE.
LANDSCAPE**
Level 3, 4 Glen Street, Milsons Point, NSW 2061 Australia
T: 61 2 9922 2344 F: 61 2 9922 1308
E: architects@nbrsarchitecture.com W: nbrsarchitecture.com
Any form of replication of this drawing in full or in part without the written permission of NBR & PARTNERS Pty Ltd constitutes an infringement of the copyright
ABN 16 002 247 565 © 2017

Project
Centre of Excellence in Agricultural Education
at
Vine Dr, Richmond NSW 2753
for
Department of Education






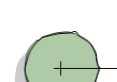

Drawing Title
Landscape Sections


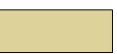

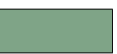
Date 28/04/2021
Scale Refer to Drawing

Drawing Reference
20417-NBR-L-SK 011

Rev
B

PLANT SCHEDULE

| | | |
|--|--------------------------------------|----|
| TREES | | |
|  | Eucalyptus tereticornis-200LT | 17 |
|  | Eucalyptus moluccana-200LT | 3 |
|  | Quercus rubra-200LT | 8 |
|  | Pistacia chinensis-100L | 3 |
|  | Melaleuca stypheloides-100L | 14 |
|  | Eucalyptus spp.-75L | 75 |
|  | Orchard spp.-Installed by School 105 | |

| | | |
|--|--|--|
| PLANTING | | |
|  | Native Planting 1800m2 (4 /M2) | |
| | Hardenbergia violacea-150mm | |
| | Lomandra 'Tanika'-150mm | |
| | Poa labillardieri 'Esferdale'-150mm | |
| | Pennisetum alopecuroides-150mm | |
| | Themeda australis-150mm | |
|  | Endemic Indigenous Planting 500m2 (6 /M2) | |
| | Acacia falcata-5L | |
| | Microlaena stipoides-150mm | |
| | Lomandra multiflora-150mm | |
| | Themeda australis-150mm | |
|  | Garden Planting 230m2 (5 /M2) | |
| | Dianella revoluta-150mm | |
| | Lomandra 'Tanika'-150mm | |
| | Pennisetum setaceum 'Rubrum'-150mm | |
| | Philodendron 'Xanadu'-200mm | |
| | Trachelospermum jasminoides-150mm | |
| | Xanthorrhoea arborea-25lt | |
|  | Rain Gardens (Bio-retention) 140m2 (5 /M2) | |
| | Carex appressa-150mm | |
| | Ficinia nodosa-150mm | |
| | Juncus usitatus-150mm | |
| | Lomandra longifolia-150mm | |

PLANTING PLAN



Eucalyptus tereticornis



Quercus rubra



Eucalyptus moluccana



Acacia falcata



Melaleuca stypheloides



Poa labillardieri 'Esferdale'



Philodendron 'Xanadu'



Microlaena stipoides



Themeda australis

Proposed Tree Canopy:

120 Proposed Trees (Canopy 7m Diameter at Maturity - roughly 35m2 per tree)
4,200m2 Canopy Coverage

106 Orchard Trees (Canopy 4m Diameter at Maturity - roughly 12m2 per tree)
1,260m2 Canopy Coverage

| | | | |
|-------|------------|-----------------|------|
| Issue | | | |
| No. | Date | Description | Chkd |
| A | 24/02/2021 | DRAFT CONCEPT | AL |
| B | 01/04/2021 | SCHEMATIC ISSUE | AL |
| C | 28/04/2021 | SSDA ISSUE | AL |
| D | 28/06/2021 | SSDA ISSUE | JK |
| E | 09/11/2021 | SSDA ISSUE | JK |

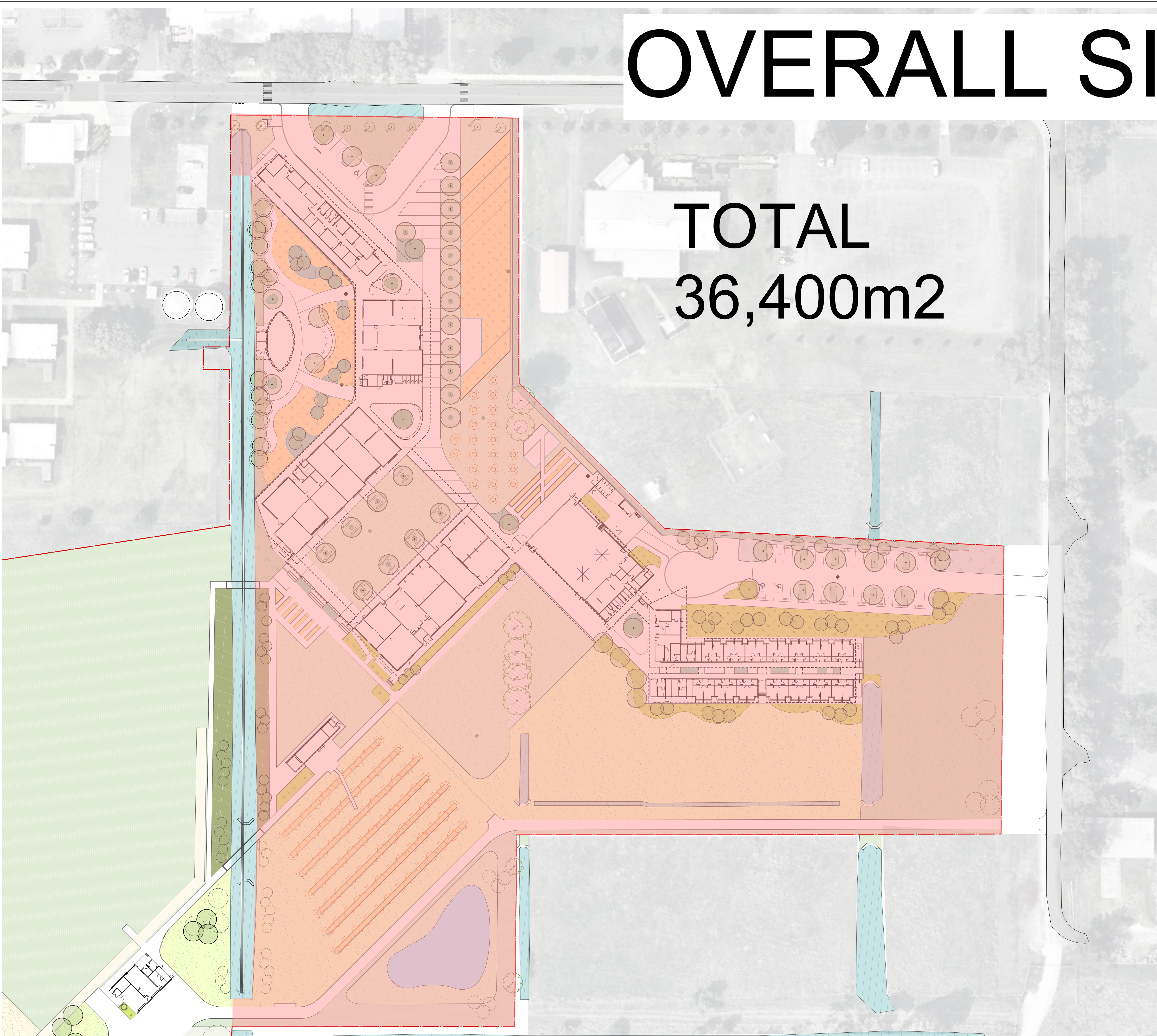
Disclaimer
These plans are for tender use only. Not intended for construction purpose unless specifically noted. The contractor intending to use these documents shall check and verify all works on site and report any discrepancy to the Landscape Architect prior to commencement. Failure to do so shall not be the responsibility of the Client or Landscape Architect.

Landscape Architect
NBRSEARCHITECTURE.
LANDSCAPE
Level 3, 4 Glen Street, Milsons Point, NSW 2061 Australia
T 61 2 9922 2344 F 61 2 9922 1308
E architects@nbrsarchitecture.com W nbrsarchitecture.com
Any form of replication of this drawing in full or in part without the written permission of NBR & PARTNERS Pty Ltd constitutes an infringement of the copyright
ABN 16 002 247 565 © 2017

Project
Centre of Excellence in Agricultural Education
at
Vine Dr, Richmond NSW 2753
for
Department of Education

Drawing Title
Planting Plan and Schedule

| | |
|---------------------|------------------------|
| Date | 09/11/2021 |
| Scale | 1:500 @ A1 1:1000 @ A3 |
| 0 | 5 10 15 20 25 30m |
| Drawing Reference | Rev |
| 20417-NBRS-L-SK 012 | E |



OVERALL SITE

TOTAL
36,400m2

Landscape Architect

NBRSARCHITECTURE
LANDSCAPE

NBR S & PARTNERS Pty Ltd
Level 2, 4 Glen Street, Milsons Point NSW 2061
T: 61 2 9922 2344 F: 61 2 9922 1308
W: www.nbrsarchitecture.com E: architects@nbrsarchitecture.com
ABN 16 002 247 565 © 2021

RICHARD CROOKES
CONSTRUCTIONS

KEY PLAN

PROJECT

**CENTRE OF EXCELLENCE IN
AGRICULTURAL EDUCATION**
HAWKESBURY

CLIENT NAME

**SINSW & RICHARD CROOKES
CONSTRUCTIONS**

PROJECT TEAM

ARCHITECT
NBR S ARCHITECTURE
4 Glen St, Milsons Point NSW 2061

CIVIL ENGINEER
WOOLACOTTS CONSULTING ENGINEERS
12A Brown St, Chateau NSW 2067

HYDRAULIC ENGINEER
NORMAN DISNEY & YOUNG
100 Miller St, North Sydney NSW 2060

PROJECT NUMBER

20417

PROJECT STAGE

DETAIL DESIGN

| ISSUE | DATE | DESCRIPTION | BY | APPROVED |
|-------|------|-------------|----|----------|
| — | — | — | — | — |
| — | — | — | — | — |
| — | — | — | — | — |
| — | — | — | — | — |
| — | — | — | — | — |
| — | — | — | — | — |
| — | — | — | — | — |
| — | — | — | — | — |
| — | — | — | — | — |

DRAWING NUMBER

SK-06

ISSUE

DRAWING TITLE

AREA CALCULATIONS

NORTH



SCALE

1:500

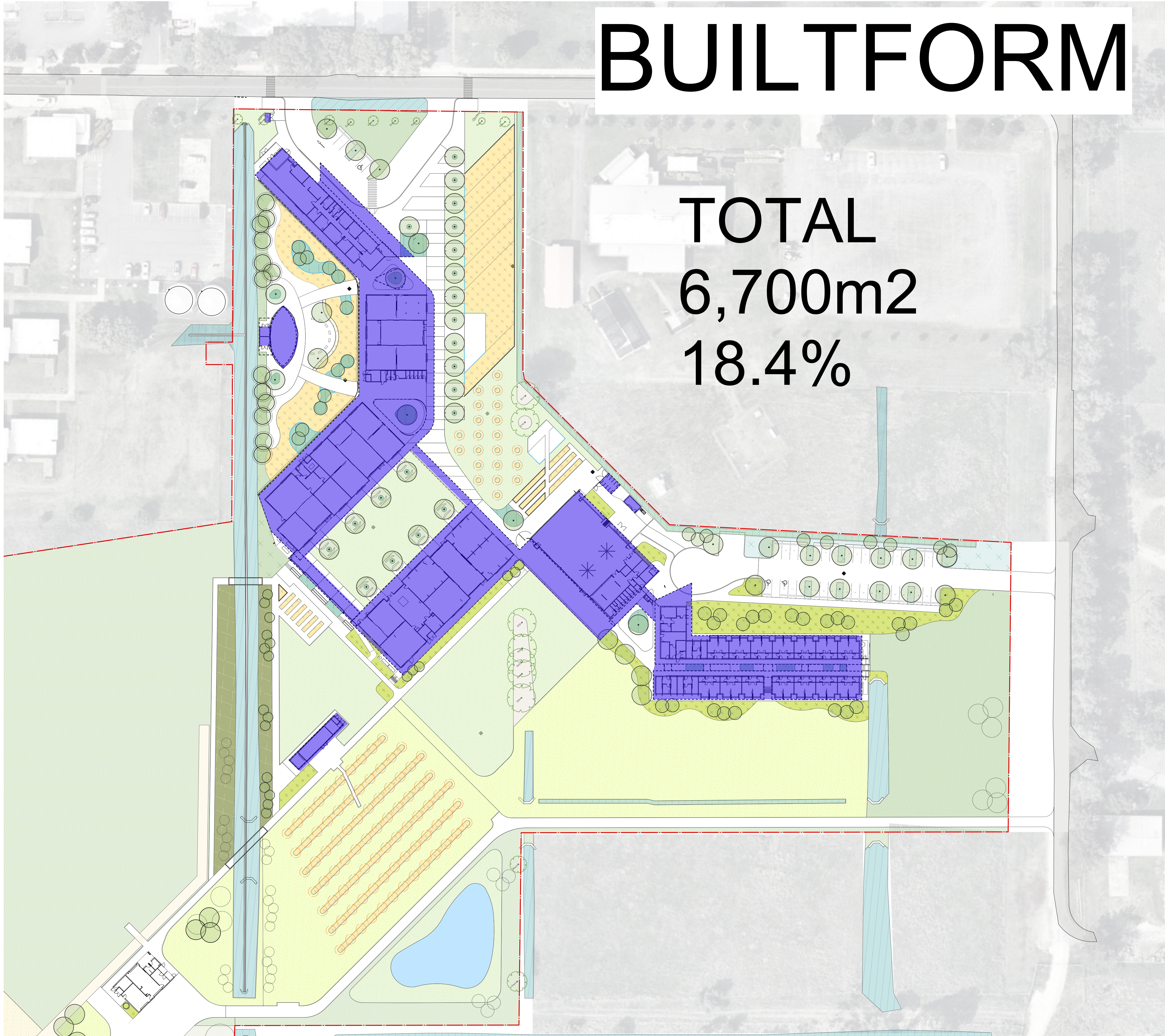
SHEET SIZE

A1

PRELIMINARY

NOTES:
VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK. REPORT ALL DISCREPANCIES TO
LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. FIGURED DIMENSIONS TO BE TAKEN IN
PREFERENCE TO SCALED DRAWINGS. DRAWINGS MADE TO LARGER SCALES AND THOSE SHOWING
PARTICULAR PARTS OF THE WORKS SHALL TAKE PRECEDENCE OVER DRAWINGS MADE TO SMALLER
SCALES AND THOSE FOR GENERAL PURPOSES. ALL WORK IS TO CONFORM TO RELEVANT AUSTRALIAN
STANDARDS AND OTHER CODES AS APPLICABLE, TOGETHER WITH OTHER AUTHORITIES'
REQUIREMENTS AND REGULATIONS. DESIGN DRAWINGS BY OTHER DISCIPLINES HAVE BEEN INCLUDED
FOR COORDINATION ONLY. THIS DRAWING AND DESIGN IS SUBJECT TO COPYRIGHT AND MAY NOT BE
REPRODUCED WITHOUT PRIOR WRITTEN CONSENT. ANY FORM OF REPLICATION OF THIS DRAWING OR
DESIGN IN FULL OR IN PART WITHOUT THE WRITTEN PERMISSION OF NBR S PARTNERS PTY LTD
CONSTITUTE AN INFRINGEMENT OF THE COPYRIGHT IN THIS DRAWING.

PRINT ALL SHEETS IN COLOUR



BUILTFORM

TOTAL
6,700m2
18.4%

PROJECT

CENTRE OF EXCELLENCE IN AGRICULTURAL EDUCATION
HAWKESBURY

CLIENT NAME

SINSW & RICHARD CROOKES CONSTRUCTIONS

PROJECT TEAM

ARCHITECT
NBR S ARCHITECTURE
4 Glen St, Milsons Point NSW 2061

CIVIL ENGINEER
WOOLACOTTS CONSULTING ENGINEERS
12A Brown St, Chatswood NSW 2067

HYDRAULIC ENGINEER
NORMAN DISNEY & YOUNG
100 Miller St, North Sydney NSW 2060

| PROJECT NUMBER | | PROJECT STAGE | | |
|----------------|------|---------------|----|------|
| 20417 | | DETAIL DESIGN | | |
| ISSUE | DATE | DESCRIPTION | BY | APPR |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | </ | | |

DRAWING NUMBER

SK-06

ISSUE

DRAWING TITLE

AREA CALCULATIONS

NORTH

SCALE
1:500

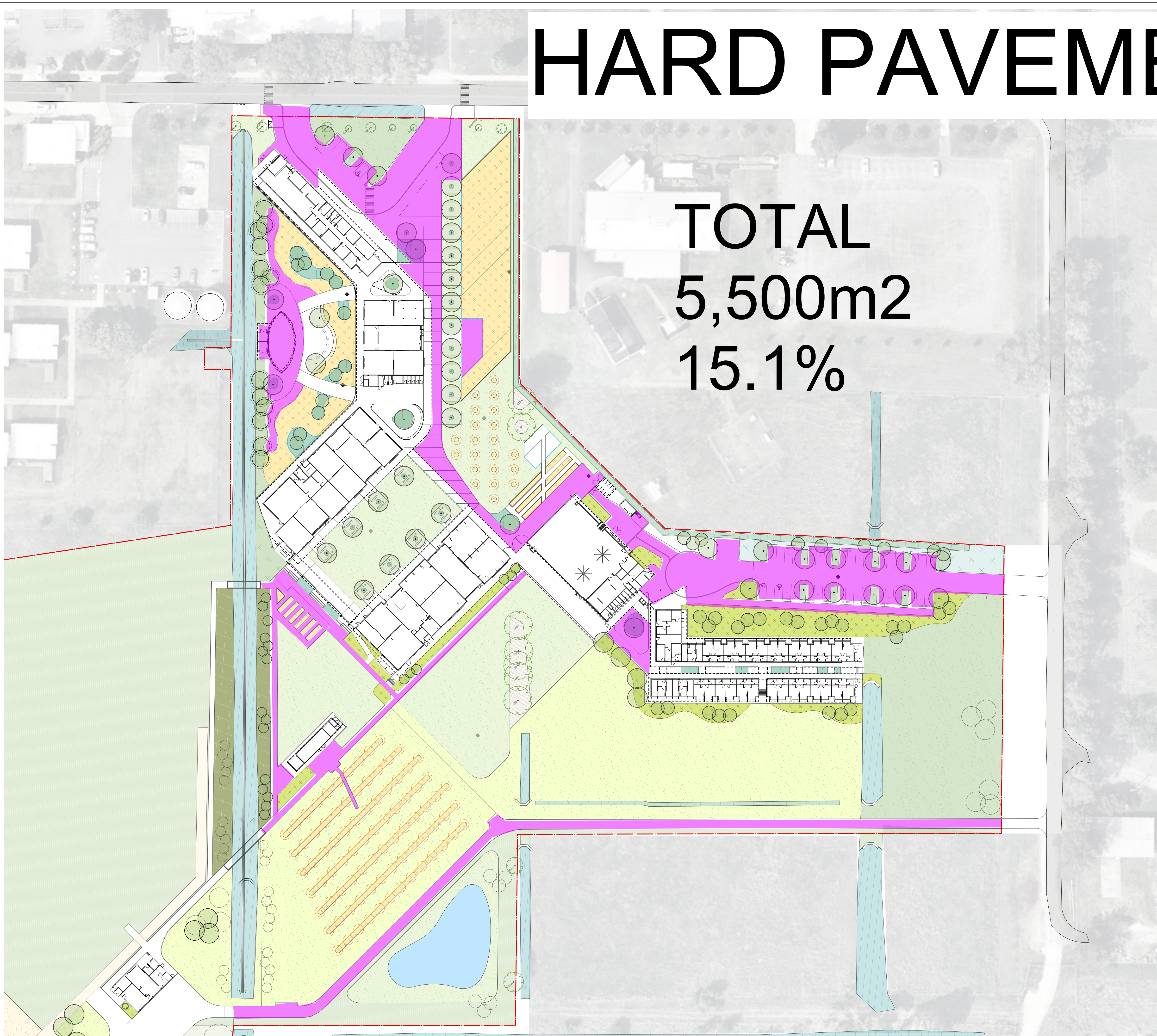
SHEET SIZE
A1

PRELIMINARY

NOTES:

VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK. REPORT ALL DISCREPANCIES TO LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DRAWINGS. DRAWINGS MADE TO LARGER SCALES AND THOSE SHOWING PARTICULAR PARTS OF THE WORKS SHALL TAKE PRECEDENCE OVER DRAWINGS MADE TO SMALLER SCALES AND THOSE FOR GENERAL PURPOSES. ALL WORK IS TO CONFORM TO RELEVANT AUSTRALIAN STANDARDS AND OTHER CODES AS APPLICABLE, TOGETHER WITH OTHER AUTHORITIES' REQUIREMENTS AND REGULATIONS. DESIGN DRAWINGS BY OTHER DISCIPLINES HAVE BEEN INCLUDED FOR COORDINATION ONLY. THIS DRAWING AND DESIGN IS SUBJECT TO COPYRIGHT AND MAY NOT BE REPRODUCED WITHOUT PRIOR WRITTEN CONSENT. ANY FORM OF REPLICATION OF THIS DRAWING OR DESIGN IN FULL OR IN PART WITHOUT THE WRITTEN PERMISSION OF NBR S PARTNERS PTY LTD CONSTITUTE A BREACH OF THE COPYRIGHT ACT 1968, AS AMENDED.

PRINT ALL SHEETS IN COLOUR



HARD PAVEMENT

TOTAL
5,500m2
15.1%

Landscape Architect

NBRSARCHITECTURE
LANDSCAPE

NBR S & PARTNERS Pty Ltd
Level 2, 4 Glen Street, Milsons Point NSW 2061
T: 61 2 9922 2344 F: 61 2 9922 1308
W: www.nbrsarchitecture.com E: architects@nbrsarchitecture.com
ABN 16 002 247 565 © 2021

RICHARD CROOKES
CONSTRUCTIONS

KEY PLAN

PROJECT

**CENTRE OF EXCELLENCE IN
AGRICULTURAL EDUCATION**
HAWKESBURY

CLIENT NAME

SINSW & RICHARD CROOKES
CONSTRUCTIONS

PROJECT TEAM

ARCHITECT
NBR S ARCHITECTURE
4 Glen St, Milsons Point NSW 2061

CIVIL ENGINEER
WOOLACOTTS CONSULTING ENGINEERS
12A Brown St, Chateau NSW 2067

HYDRAULIC ENGINEER
NORMAN DISNEY & YOUNG
100 Miller St, North Sydney NSW 2060

PROJECT NUMBER

20417

PROJECT STAGE

DETAIL DESIGN

| ISSUE | DATE | DESCRIPTION | BY | APPR |
|-------|------|-------------|----|------|
| — | — | — | — | — |
| — | — | — | — | — |
| — | — | — | — | — |
| — | — | — | — | — |
| — | — | — | — | — |
| — | — | — | — | — |
| — | — | — | — | — |
| — | — | — | — | — |
| — | — | — | — | — |

DRAWING NUMBER

SK-06

ISSUE

DRAWING TITLE

AREA CALCULATIONS

NORTH



SCALE

1:500

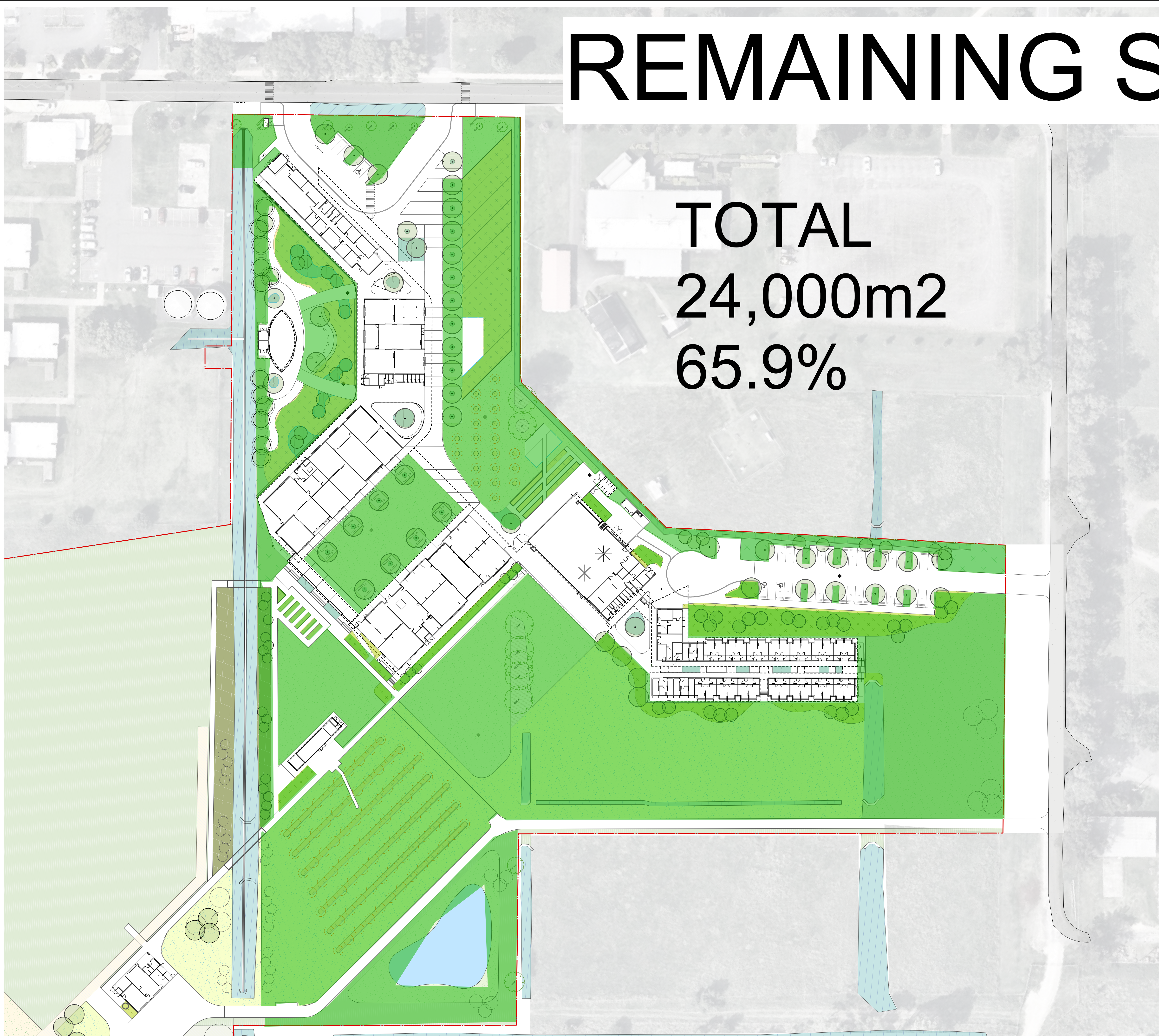
SHEET SIZE

A1

PRELIMINARY

NOTES:
VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK. REPORT ALL DISCREPANCIES TO
LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. FIGURED DIMENSIONS TO BE TAKEN IN
PREFERENCE TO SCALED DRAWINGS. DRAWINGS MADE TO LARGER SCALES AND THOSE SHOWING
PARTICULAR PARTS OF THE WORKS SHALL TAKE PRECEDENCE OVER DRAWINGS MADE TO SMALLER
SCALES AND THOSE FOR GENERAL PURPOSES. ALL WORK IS TO CONFORM TO RELEVANT AUSTRALIAN
STANDARDS AND OTHER CODES AS APPLICABLE, TOGETHER WITH OTHER AUTHORITIES'
REQUIREMENTS AND REGULATIONS. DESIGN DRAWINGS BY OTHER DISCIPLINES HAVE BEEN INCLUDED
FOR COORDINATION ONLY. THIS DRAWING AND DESIGN IS SUBJECT TO COPYRIGHT AND MAY NOT BE
REPRODUCED WITHOUT PRIOR WRITTEN CONSENT. ANY FORM OF REPLICATION OF THIS DRAWING
DESIGN OR INFORMATION PART WITH THE WRITTEN PERMISSION OF NBR S PARTNERS PTY LTD
CONSTITUTE AN INFRINGEMENT OF THE COPYRIGHT IN THIS DOCUMENT.

PRINT ALL SHEETS IN COLOUR



REMAINING SITE

TOTAL
24,000m2
65.9%

Landscape Architect

NBRSARCHITECTURE.
LANDSCAPE

NBR S & PARTNERS Pty Ltd
Level 2, 4 Glen Street, Milsons Point NSW 2061
T: 61 2 9922 2344 F: 61 2 9922 1308
W: www.nbrsarchitecture.com E: architects@nbrsarchitecture.com
ABN 16 002 247 565 © 2021

RICHARD CROOKES
CONSTRUCTIONS

KEY PLAN

PROJECT

**CENTRE OF EXCELLENCE IN
AGRICULTURAL EDUCATION**
HAWKESBURY

CLIENT NAME

SINSW & RICHARD CROOKES
CONSTRUCTIONS

PROJECT TEAM

ARCHITECT
NBR S ARCHITECTURE
4 Glen St, Milsons Point NSW 2061

CIVIL ENGINEER
WOOLACOTTS CONSULTING ENGINEERS
12A Brown St, Chateau NSW 2067

HYDRAULIC ENGINEER
NORMAN DISNEY & YOUNG
100 Miller St, North Sydney NSW 2060

| PROJECT NUMBER | | PROJECT STAGE | | |
|----------------|------|---------------|----|------|
| 20417 | | DETAIL DESIGN | | |
| ISSUE | DATE | DESCRIPTION | BY | APPR |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | </ | | |

| DRAWING NUMBER | ISSUE |
|----------------|-------|
| SK-06 | |

DRAWING TITLE

AREA CALCULATIONS

NORTH

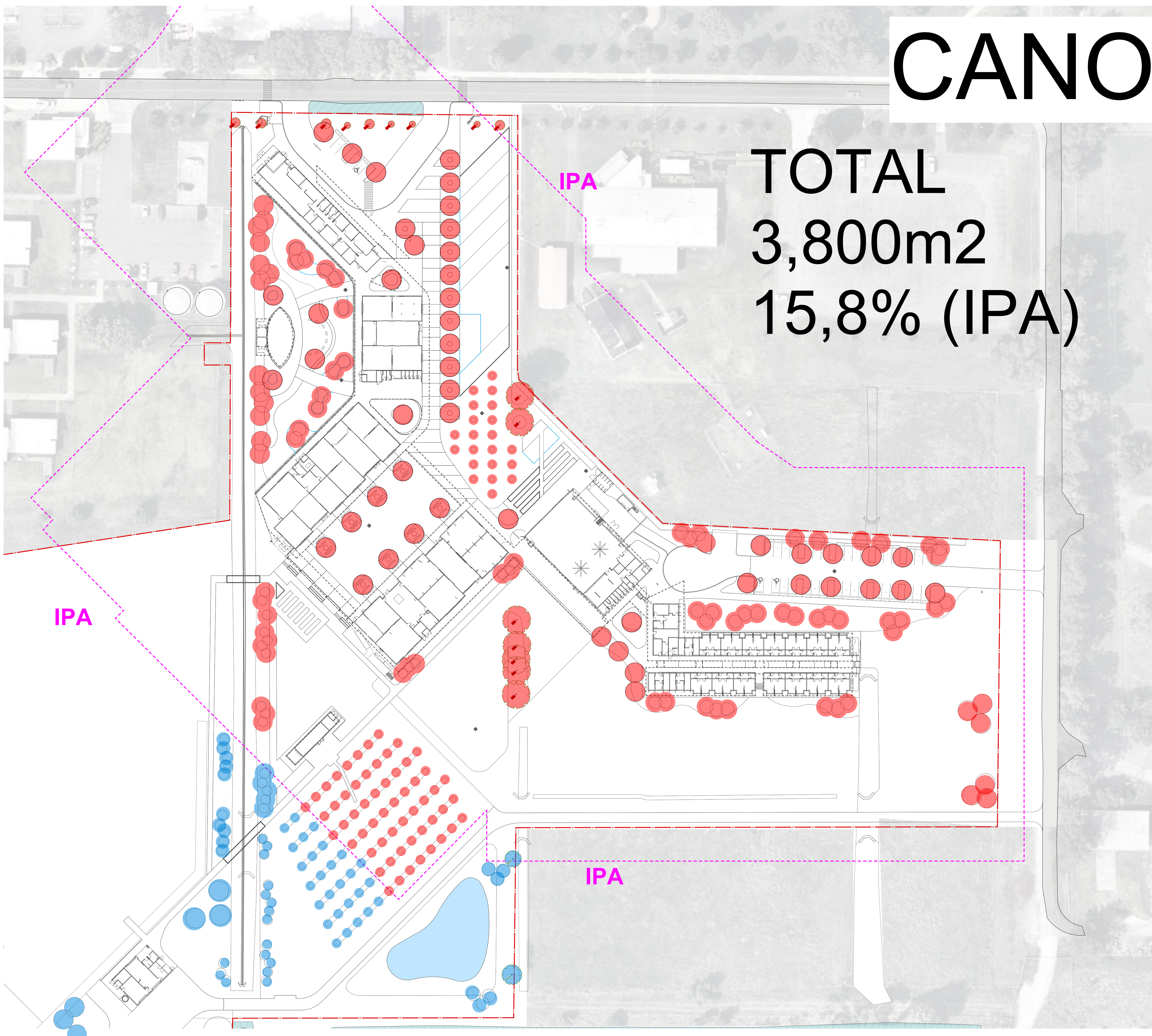
SCALE
1:500

SHEET SIZE
A1

PRELIMINARY

NOTES:
VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK. REPORT ALL DISCREPANCIES TO
LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. FIGURED DIMENSIONS TO BE TAKEN IN
PREFERENCE TO SCALED DRAWINGS. DRAWINGS MADE TO LARGER SCALES AND THOSE SHOWING
PARTICULAR PARTS OF THE WORKS SHALL TAKE PRECEDENCE OVER DRAWINGS MADE TO SMALLER
SCALES AND THOSE FOR GENERAL PURPOSES. ALL WORK IS TO CONFORM TO RELEVANT AUSTRALIAN
STANDARDS AND OTHER CODES AS APPLICABLE, TOGETHER WITH OTHER AUTHORITIES'
REQUIREMENTS AND REGULATIONS. DESIGN DRAWINGS BY OTHER DISCIPLINES HAVE BEEN INCLUDED
FOR COORDINATION ONLY. THIS DRAWING AND DESIGN IS SUBJECT TO COPYRIGHT AND MAY NOT BE
REPRODUCED WITHOUT PRIOR WRITTEN CONSENT. ANY FORM OF REPLICATION OF THIS DRAWING OR
DESIGN IN FULL OR IN PART WITHOUT THE WRITTEN PERMISSION OF NBR S PARTNERS PTY LTD
CONSTITUTE BREACHING OF THE COPYRIGHT ACT 1968, AS AMENDED.

PRINT ALL SHEETS IN COLOUR



CANOPY

TOTAL
3,800m2
15,8% (IPA)

Landscape Architect

NBRSARCHITECTURE
LANDSCAPE

NBR S & PARTNERS Pty Ltd
Level 2, 4 Glen Street, Milsons Point NSW 2061
T: 61 2 9922 2344 F: 61 2 9922 1308
W: www.nbrsarchitecture.com E: architects@nbrsarchitecture.com
ABN 16 002 247 565 © 2021

RICHARD CROOKES
CONSTRUCTIONS

KEY PLAN

PROJECT

**CENTRE OF EXCELLENCE IN
AGRICULTURAL EDUCATION**
HAWKESBURY

CLIENT NAME

**SINSW & RICHARD CROOKES
CONSTRUCTIONS**

PROJECT TEAM

ARCHITECT
NBR S ARCHITECTURE
4 Glen St, Milsons Point NSW 2061

CIVIL ENGINEER
WOOLACOTTS CONSULTING ENGINEERS
12A Brown St, Chateau NSW 2067

HYDRAULIC ENGINEER
NORMAN DISNEY & YOUNG
100 Miller St, North Sydney NSW 2060

PROJECT NUMBER

20417

PROJECT STAGE

DETAIL DESIGN

| ISSUE | DATE | DESCRIPTION | BY | APPROVED |
|-------|------|-------------|----|----------|
| — | — | — | — | — |
| — | — | — | — | — |
| — | — | — | — | — |
| — | — | — | — | — |
| — | — | — | — | — |
| — | — | — | — | — |
| — | — | — | — | — |
| — | — | — | — | — |
| — | — | — | — | — |

DRAWING NUMBER

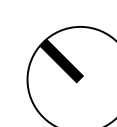
SK-06

ISSUE

DRAWING TITLE

AREA CALCULATIONS

NORTH



SCALE

1:500

SHEET SIZE

A1

PRELIMINARY

NOTES:
VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK. REPORT ALL DISCREPANCIES TO
LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. FIGURED DIMENSIONS TO BE TAKEN IN
PREFERENCE TO SCALED DRAWINGS. DRAWINGS MADE TO LARGER SCALES AND THOSE SHOWING
PARTICULAR PARTS OF THE WORKS SHALL TAKE PRECEDENCE OVER DRAWINGS MADE TO SMALLER
SCALES AND THOSE FOR GENERAL PURPOSES. ALL WORK IS TO CONFORM TO RELEVANT AUSTRALIAN
STANDARDS AND OTHER CODES AS APPLICABLE, TOGETHER WITH OTHER AUTHORITIES'
REQUIREMENTS AND REGULATIONS. DESIGN DRAWINGS BY OTHER DISCIPLINES HAVE BEEN INCLUDED
FOR COORDINATION ONLY. THIS DRAWING AND DESIGN IS SUBJECT TO COPYRIGHT AND MAY NOT BE
REPRODUCED WITHOUT PRIOR WRITTEN CONSENT. ANY FORM OF REPLICATION OF THIS DRAWING
DESIGNED IN FULL OR IN PART WITHOUT THE WRITTEN PERMISSION OF NBR S PARTNERS PTY LTD
CONSTITUTE AN INFRINGEMENT OF THE COPYRIGHT IN THE DRAWING.

PRINT ALL SHEETS IN COLOUR