



CONTEXT acknowledges the Traditional Custodians of the land, and recognises Elders past and present. Through authentic engagement with Aboriginal people and the landscapes within which we work, we strive to deepen our understanding of Country and our relationship with its People.

# Stage 2 - Addition to the approved Jerrabomberra High School

#### **Landscape Design Report**

by

#### **CONTEXT Landscape Architecture**

in collaboration with TKD Architects

for

#### NSW Department of Education (DoE)

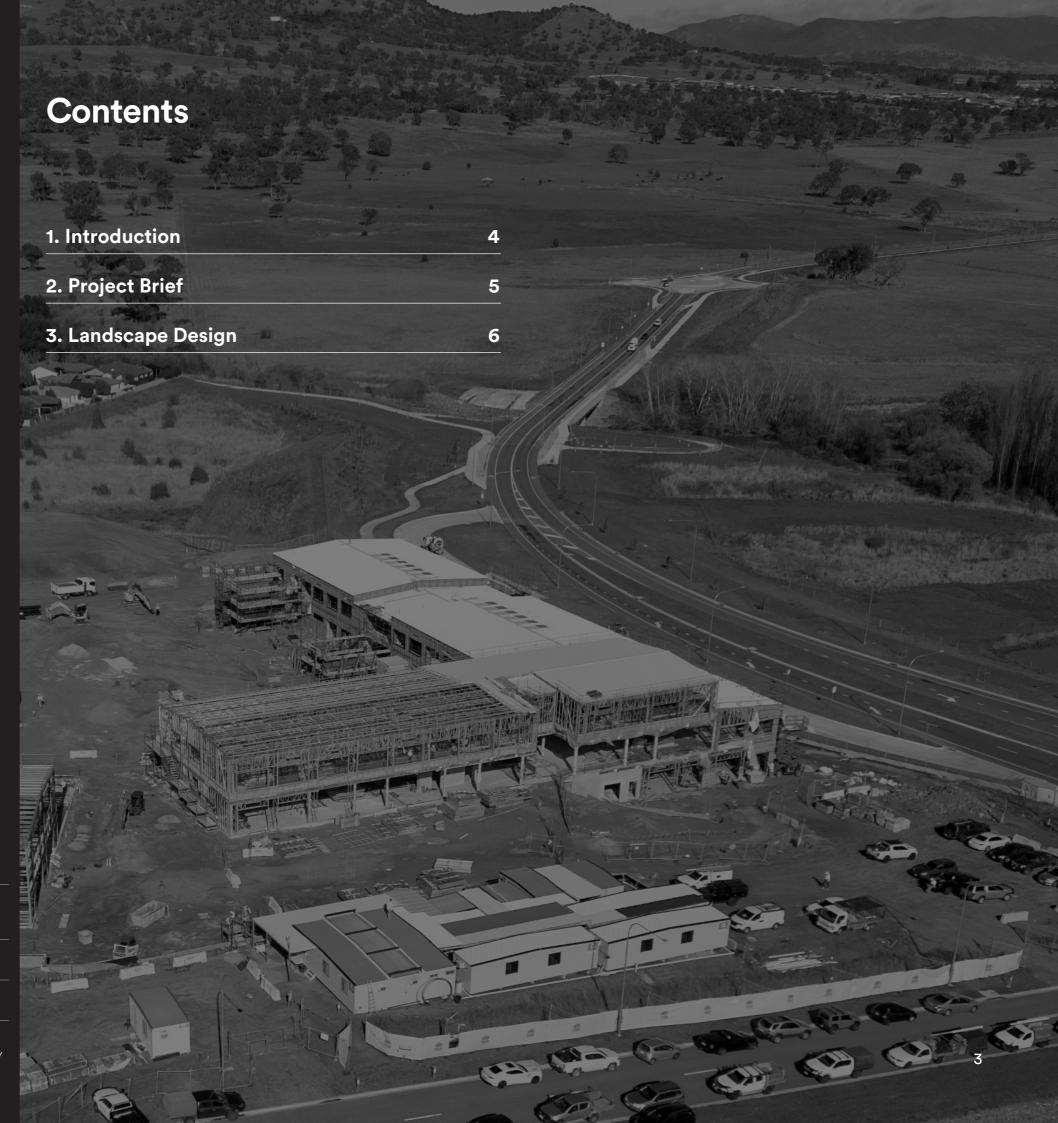
© 2023

Context and our design team collaborators acknowledge the Traditional Custodians of the land, and recognise Elders past and present.

Through authentic engagement with Aboriginal people and the landscapes within which we work, we strive to deepen our understanding of Country and our relationship with its People.

#### **Document Control**

| Revision | Date     | Description               | Ву | Approved |
|----------|----------|---------------------------|----|----------|
| A        | 27.07.23 | For QPRC DA<br>Submission | RL | BR       |



#### 1. Introduction

This Landscape Design Report has been prepared by CONTEXT on behalf of the NSW Department of Education (DoE) to support a development application (DA) to Queanbeyan-Palerang Council (Council) for an addition to the approved Jerrabomberra High School located at 101 Environa Drive, Jerrabomberra (the site).

The proposal is for additions to the approved Jerrabomberra High School including:

- construction of a new school building containing general learning spaces, kitchen, workshops and ancillary facilities;
- extension to the existing carpark with provision for an additional 34 parking spaces;
- provision of 114 bicycle parking spaces;
- construction of a large outdoor play space for student use;
- associated civil and landscape works; and
- internal alterations to the ground floor of Block
   B (already approved and constructed under SSD-to replace the existing kitchen, food and textiles facilities with a new science lab, general learning spaces, and ancillary facilities.

The objective of the proposal is to accommodate project demand for high school spaces in the area.

The development is Crown development with a capital investment value of more than \$5 million, and therefore it is "regionally significant" under section 2.19 and Schedule 6 of State Environmental Planning Policy (Planning Systems) 2021 (Planning Systems SEPP). The Southern Regional Planning Panel is the relevant consent authority for the application.

The site is located at 101 Environa Drive,
Jerrabomberra (Lot 2 DP1277158). The site is
irregularly shaped and has an area of approximately
4.5ha. The site has two road frontages—one to the
west (Environa Drive) and one to the north (Lexcen
Avenue). Lexcen Avenue provides direct access to
the school site.

The site is located in the Southern Tablelands region of NSW, approximately 10km southeast of Canberra.

**Figure 1** provides an aerial image of the site. As seen, the school is currently under construction.



**FIGURE 1** – SITE AERIAL IMAGE Source: MetroMap

#### 2. Project Brief

The key requirements of the brief are based on the Department of Education's Educational Facilities Standards and Guidelines (EFSG). Under the EFSG, the school has been proposed to be Stream 5, which would expand on the 530 student development achieved in Stage 1. The Stage 2 development is designed to meet the needs of 1000 students and associated staff.

| E                              | FSG REQUIREMENT  | TS - NEW SECO  | NDARY S                | SCHOOL - SM  | ALL  |
|--------------------------------|--|--|------------------------|--|--|
| ITEM                           | REQUIREMENT(S)   | COMMENTS   | STAGE 1                | STAGE 2  | EFSG DEPARTURE   |
| Tiered Outdoor Learning Space  | 1  | Tiered seating already provided in Stage 1   | 1                      | N/A  | N/A  |
| Assembly Court - Quadrangle    | 1020 m2  |  | 3,486 m2               | Sufficient space provided in Stage 1   | N/A  |
| Assembly Court -<br>Flagpole   | 3  | Achieved in Stage 1 -<br>Located in the Quadrangle   | 3 in the<br>Quadrangle | N/A  | N/A  |
| Games Court                    | 4 Courts   | Ideally positioned to run<br>North-South   | 2 Courts               | 2 additional Courts not desired  | As per the request from School<br>Principal (June 6th), the 2 additional<br>courts are to be replaced with a larger,<br>multi-use turf area  |
| Games Field                    | 1  | The adjacent David Madew oval / facilities to the east are intended to be utilised by the school | -                      | N/A  | N/A  |
| Batting Practice Nets          | 1  | Ideally positioned to run<br>North-South   | -                      | 1  | N/A  |
| Open Play Space                | 10 m2 per student  | 1000 Students = 10,000<br>m2   | 6,220 m2               | 3,990 m2 = >10,000 m2  | N/A  |
| Bicycle Parking /<br>Enclosure | Based on the targeted amount of 1000 students and 78 staff. The requirement was set at 114 additional bicycle parking spaces | 114 additional spaces<br>provided in Stage 2 works   | 114                    | 114 additional   | N/A  |
| Landscape - Walling and Edging | DoE requires a balustrade wherever level change exceeds 300mm, including level changes in external areas                     |  |                        | Location: Retaining<br>walls to support the<br>car park extension<br>- level changes of<br>900mm | As these retaining walls will be in a<br>low-use school 'Out of Bounds' area, we<br>have designed these walls to comply<br>with the National Construction Code<br>(Fall height < 1m) |

#### 3. Landscape Design

Design guidelines and principles utilised in Stage 1 will continue to inform Stage 2, which will ultimately create a holistically considered and designed high school.

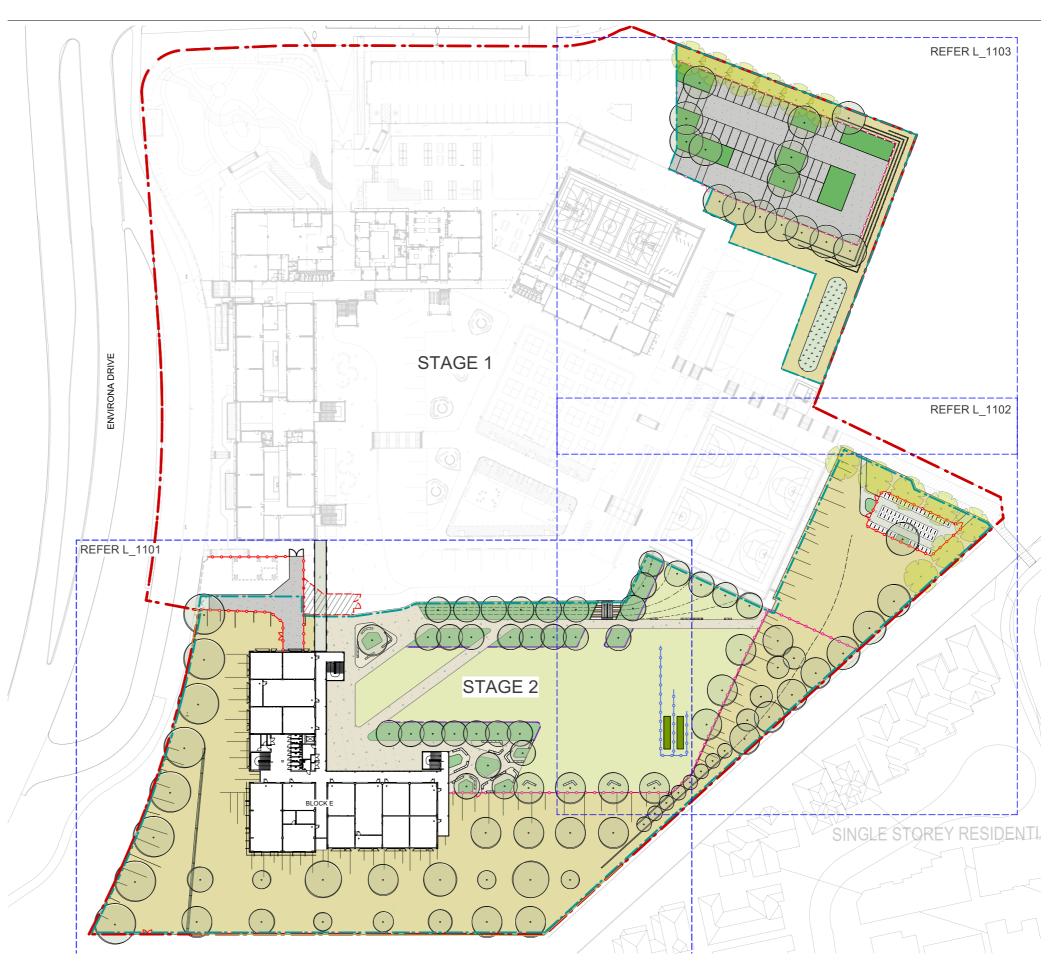
The established building orientation and form create a new open space that will form the core or 'heart' of the school. The Stage 2 works will expand on the Identity, Accessibility and Green Amenity provided in Stage 1, whilst increasing the diversity of spaces provided. The combination of the L-shaped building with a level landscape plateau provides many benefits, including; equitable access into Stage 2, clear sight lines which allow for passive surveillance and supervision, the creation of open space with a Northern aspect and the ability to clearly define 'useable space' and 'out of bounds' areas.

The landscape design in Stage 2 will continue to incorporate the design responses identified from the Walk on Country prior to Stage 1 works.

A holistic approach has been taken to seamlessly integrate with tree and planting decisions made during the planning of Stage 1. Additionally, new planting will create visual barriers / screening between the school outdoor space and the private open space of the residential developments to the South-East of the school grounds.

The selection and placement of trees within the Asset Protection Zone (APZ) - southern batter area, has considered best practice principles from the Planning for Bush Fire Protection – 2019 guidance document.

All fencing will be a continuation of the approved fencing types from Stage 1.





# JERRABOMBERRA HIGH SCHOOL STAGE 2

### DEVELOPMENT APPLICATION



| DRAWING LIST |                               |        |          |
|--------------|-------------------------------|--------|----------|
| Sheet Number | Sheet Title                   | Scale  | Revision |
| L_0001       | COVER SHEET                   | 1:1000 | A        |
| L_1001       | GENERAL ARRANGEMENT/SITE PLAN | 1:500  | Α        |
| L_1101       | DETAILED PLAN 01              | 1:250  | Α        |
| L_1102       | DETAILED PLAN 02              | 1:250  | Α        |
| L_1103       | DETAILED PLAN 03              | 1:250  | Α        |
| L_3001       | PLANTING PLAN                 | 1:500  | А        |
| L_3002       | PROPOSED TREE PLAN            | 1:500  | А        |
| L_3003       | PLANTING PALETTES             | NTS    | Α        |
| L_4000       | FENCING PLAN                  | 1:500  | А        |
| L_6000       | LANDSCAPE SECTIONS            | NTS    | Α        |
| L_6001       | LANDSCAPE SECTIONS            | NTS    | А        |

| NOTE: 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 SCALE 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. IF IN DOUBT, ASK. |
|--|
| NOT FOR CONSTRUCTION   |
|  |

ISSUE FOR DA

NORTH / SCALE
Scale: 1:1000

PROJECT TEAM

PROJECT MANAGER

TSA MANAGEMENT

TEL: +61 292761400

ARCHITECT

Tanner Kibble Denton Architects Pty Ltd

TEL: 0292814399

CIVIL ENGINEER

NORMAN DISNEY&YOUNG

TEL: 0299286800

CONTEXT

ABN: 14 093 350 719

PROJECT

Context Landscape Design Pty Ltd

Level 2, 52-58 William Street, East Sydney NSW 2011

PO Box A866 Sydney South NSW 1235
T. 61 2 8244 8900 W. www.context.net.au

CLIENT NAME

NSW Department of Education
School Infrastructure NSW

PROJECT
JERRABOMBERRA HIGH SCHOOL

DRAWING TITLE

COVER SHEET

PROJECT STAGE
DEVELOPMENT APPLICATION

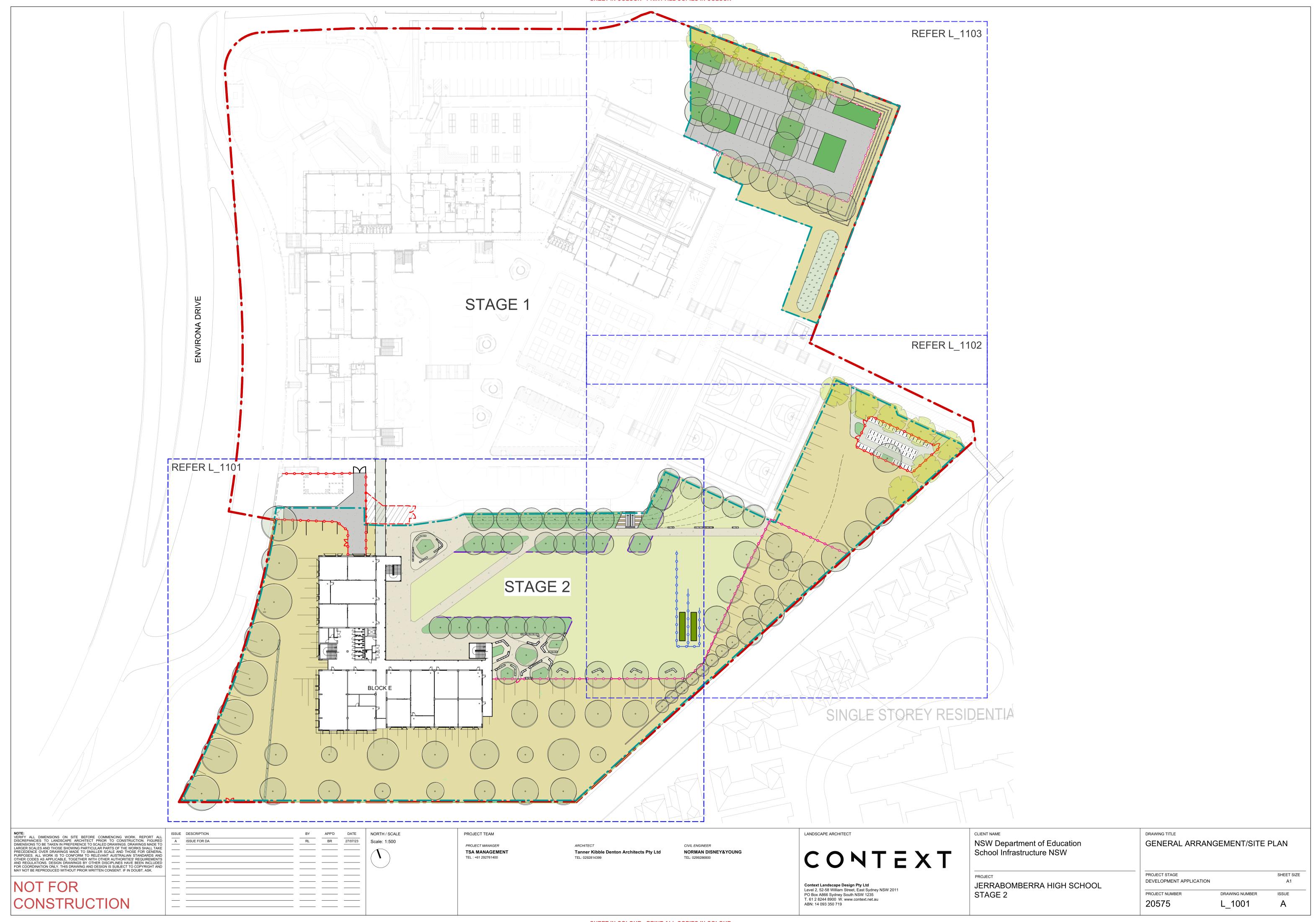
20575

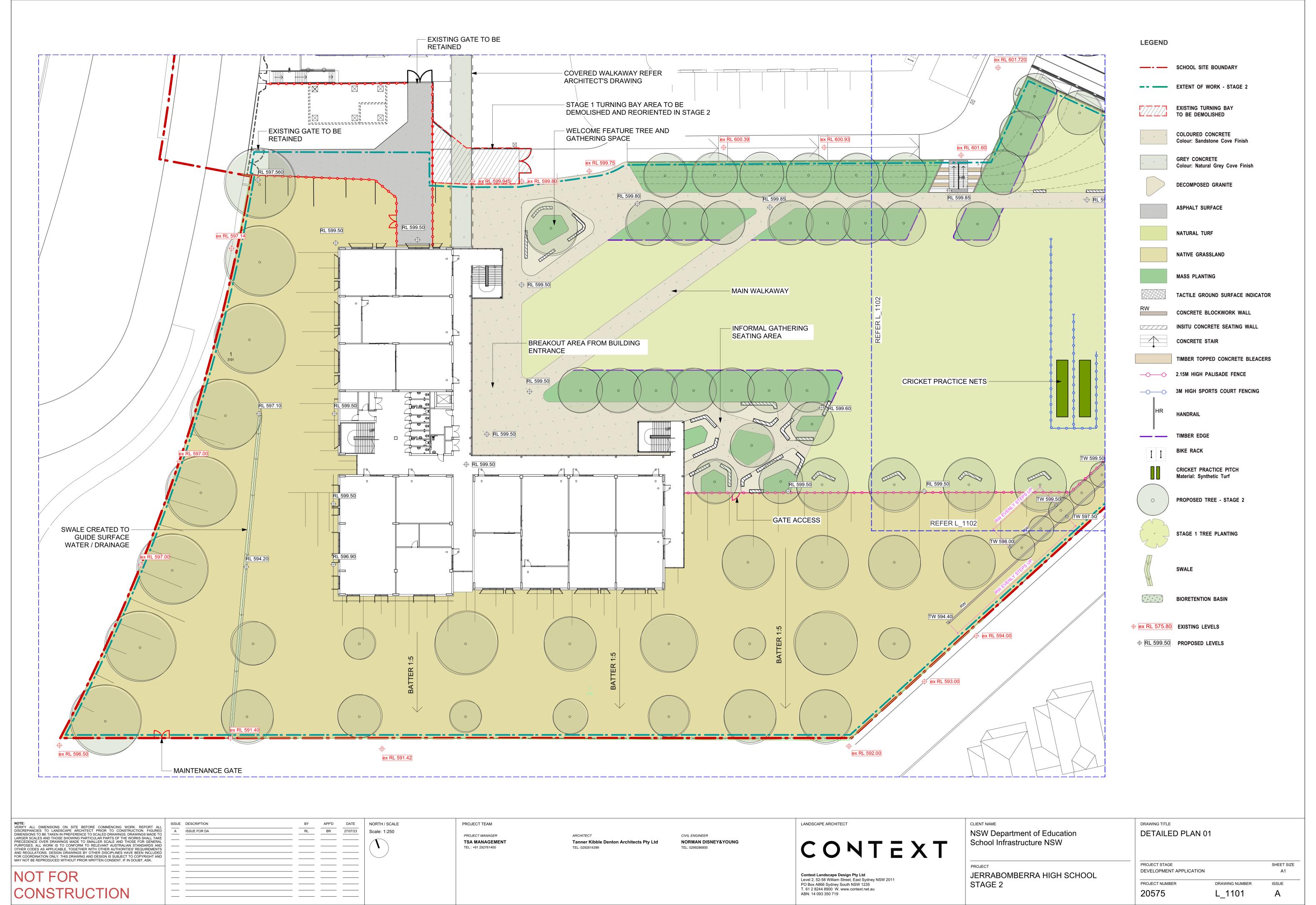
SHEET SIZE

ISSUE

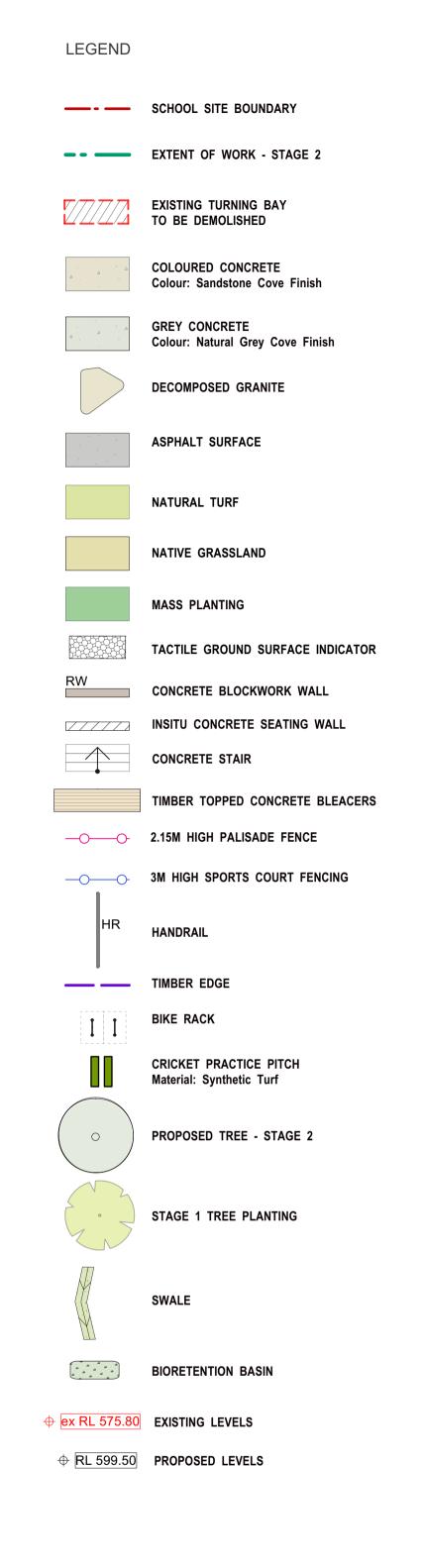
DRAWING NUMBER

L\_0001









NOTE:
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 SCALLE 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. IF IN DOUBT, ASK.

NOT FOR
CONSTRUCTION

CONSTRUCTION

BY APP'I

A ISSUE FOR DA

ISSUE TO CANDESCE

A LL WELL BR

ISSUE DA

ISSUE FOR DA

ISSUE FOR

NORTH / SCALE
Scale: 1:250

PROJECT TEAM

PROJECT MANAGER

TSA MANAGEMENT

TEL: +61 292761400

ARCHITECT

Tanner Kibble Denton Architects Pty Ltd

TEL: 0292814399

CIVIL ENGINEER

NORMAN DISNEY&YOUNG

TEL: 0299286800

CONTEXT

Context Landscape Design Pty Ltd
Level 2, 52-58 William Street, East Sydney NSW 2011
PO Box A866 Sydney South NSW 1235
T. 61 2 8244 8900 W. www.context.net.au

LANDSCAPE ARCHITECT

ABN: 14 093 350 719

NSW Department of Education
School Infrastructure NSW

JERRABOMBERRA HIGH SCHOOL STAGE 2

DETAILED PLAN 02

PROJECT STAGE SHEET SIZE DEVELOPMENT APPLICATION A1

PROJECT NUMBER DRAWING NUMBER ISSUE

20575 L\_1102 A



EXTENT OF WORK - STAGE 2 EXISTING TURNING BAY TO BE DEMOLISHED COLOURED CONCRETE
Colour: Sandstone Cove Finish **GREY CONCRETE** Colour: Natural Grey Cove Finish DECOMPOSED GRANITE ASPHALT SURFACE NATURAL TURF NATIVE GRASSLAND MASS PLANTING TACTILE GROUND SURFACE INDICATOR CONCRETE BLOCKWORK WALL INSITU CONCRETE SEATING WALL CONCRETE STAIR TIMBER TOPPED CONCRETE BLEACERS 2.15M HIGH PALISADE FENCE ————— 3M HIGH SPORTS COURT FENCING HANDRAIL TIMBER EDGE **BIKE RACK** CRICKET PRACTICE PITCH Material: Synthetic Turf PROPOSED TREE - STAGE 2 STAGE 1 TREE PLANTING **SWALE BIORETENTION BASIN ♦ ex RL 575.80 EXISTING LEVELS** → RL 599.50 PROPOSED LEVELS

LEGEND

--- SCHOOL SITE BOUNDARY

| AND REGULATIONS. DESIGN DRAWINGS BY OTHER DISCIPLINES HAVE BEEN INCLUDE FOR COORDINATION ONLY. THIS DRAWING AND DESIGN IS SUBJECT TO COPYRIGHT ANI MAY NOT BE REPRODUCED WITHOUT PRIOR WRITTEN CONSENT. IF IN DOUBT, ASK. |
|---|
|---|

CONSTRUCTION

 ISSUE
 DESCRIPTION
 BY
 APP'D
 DATE

 A
 ISSUE FOR DA
 RL
 BR
 28/07/23

NORTH / SCALE
Scale: 1:250

CALE
PROJECT TEAM

PROJECT MANAGER
TSA MANAGEMENT
TEL: +61 292761400

ARCHITECT

Tanner Kibble Denton Architects Pty Ltd

TEL: 0292814399

CIVIL ENGINEER

NORMAN DISNEY&YOUNG

TEL: 0299286800

CONTEXT

Context Landscape Design Pty Ltd
Level 2, 52-58 William Street, East Sydney NSW 2011
PO Box A866 Sydney South NSW 1235
T. 61 2 8244 8900 W. www.context.net.au
ABN: 14 093 350 719

LANDSCAPE ARCHITECT

NSW Department of Education
School Infrastructure NSW

JERRABOMBERRA HIGH SCHOOL STAGE 2

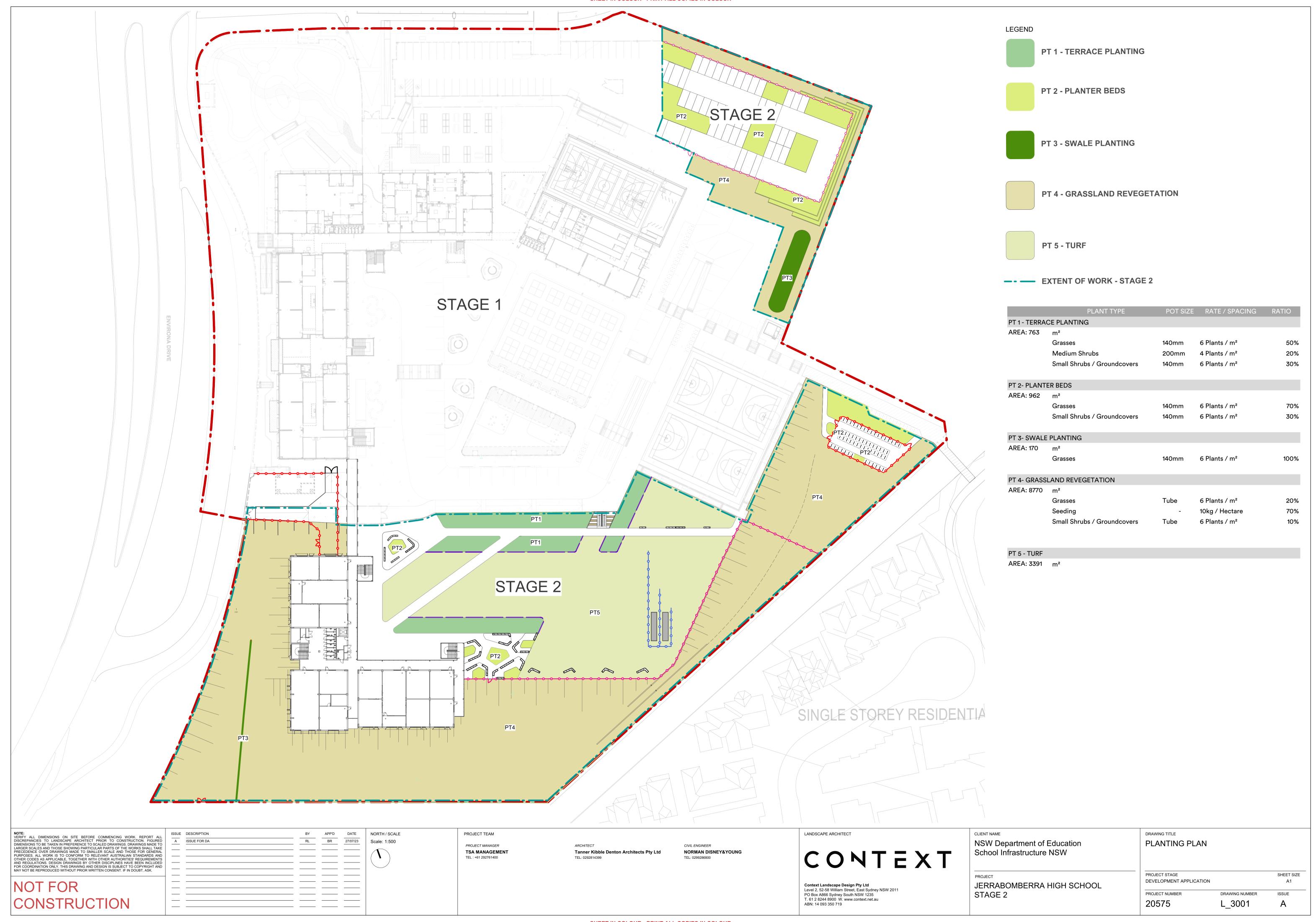
DETAILED PLAN 03

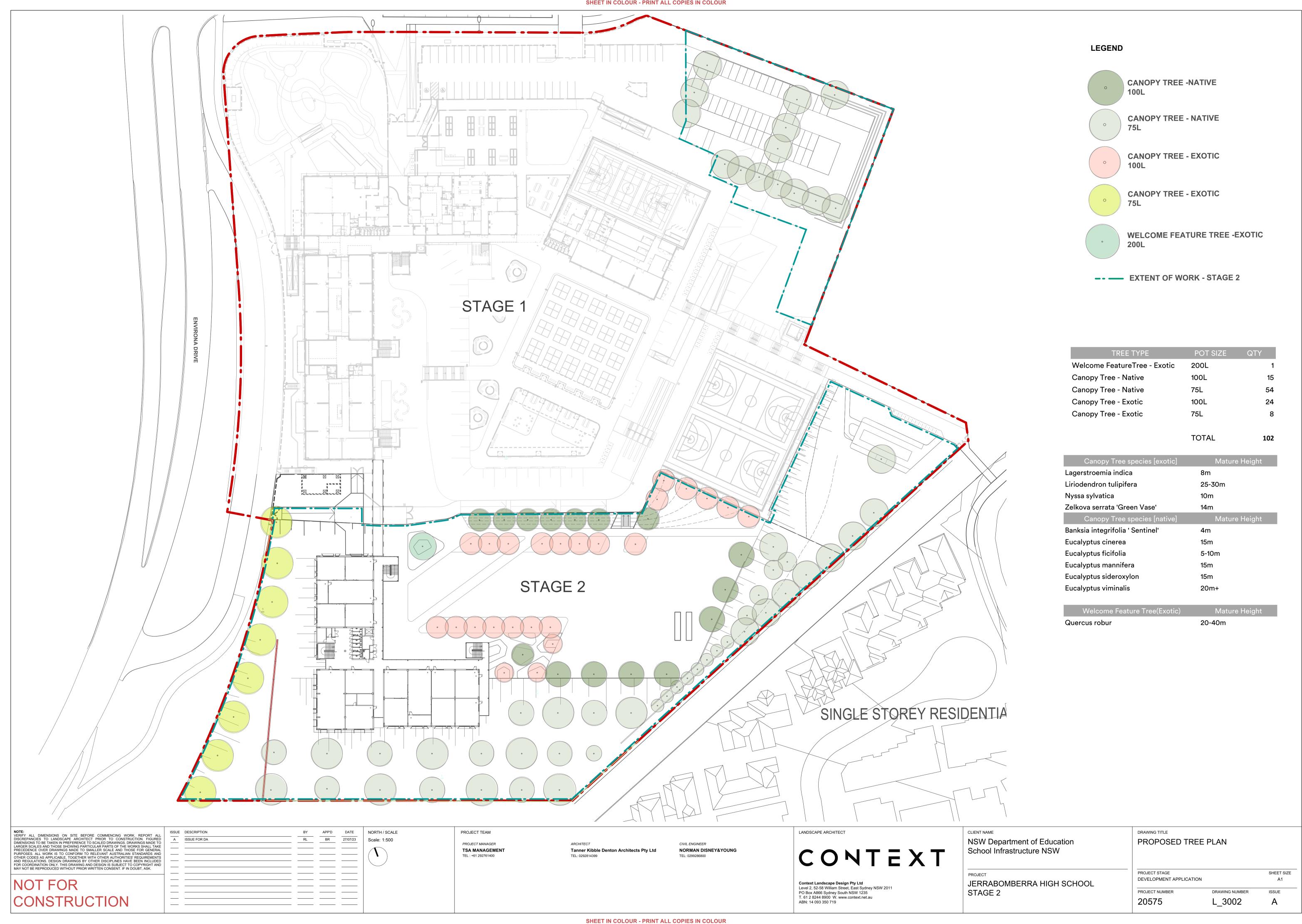
PROJECT STAGE
DEVELOPMENT APPLICATION

PROJECT NUMBER
DRAWING NUMBER
1SSUE

L\_1103

A





## **Indicative Planting Palettes**

#### PT1 - Terrace Planting











will occur during Detailed Design.

NOTE: This plant list is not exhaustive.

Further development of plant selection

Philotheca myoporoides

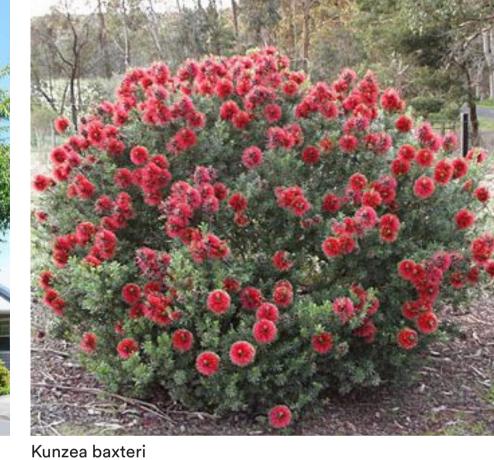
PT2 - Planter Beds











Dampiera stricta

PT3 - Swale Planting









PT4 - Grassland Revegetation





PROJECT NUMBER

20575

Dichelachne crinita

Lomandra tanika

TEL: 0292814399

Rytidosperma caespitosum

CONTEXT

Context Landscape Design Pty Ltd Level 2, 52-58 William Street, East Sydney NSW 2011 PO Box A866 Sydney South NSW 1235 T. 61 2 8244 8900 W. www.context.net.au ABN: 14 093 350 719

NSW Department of Education School Infrastructure NSW

JERRABOMBERRA HIGH SCHOOL STAGE 2

PLANTING PALETTES PROJECT STAGE SHEET SIZE DEVELOPMENT APPLICATION

DRAWING NUMBER

L\_3003

ISSUE

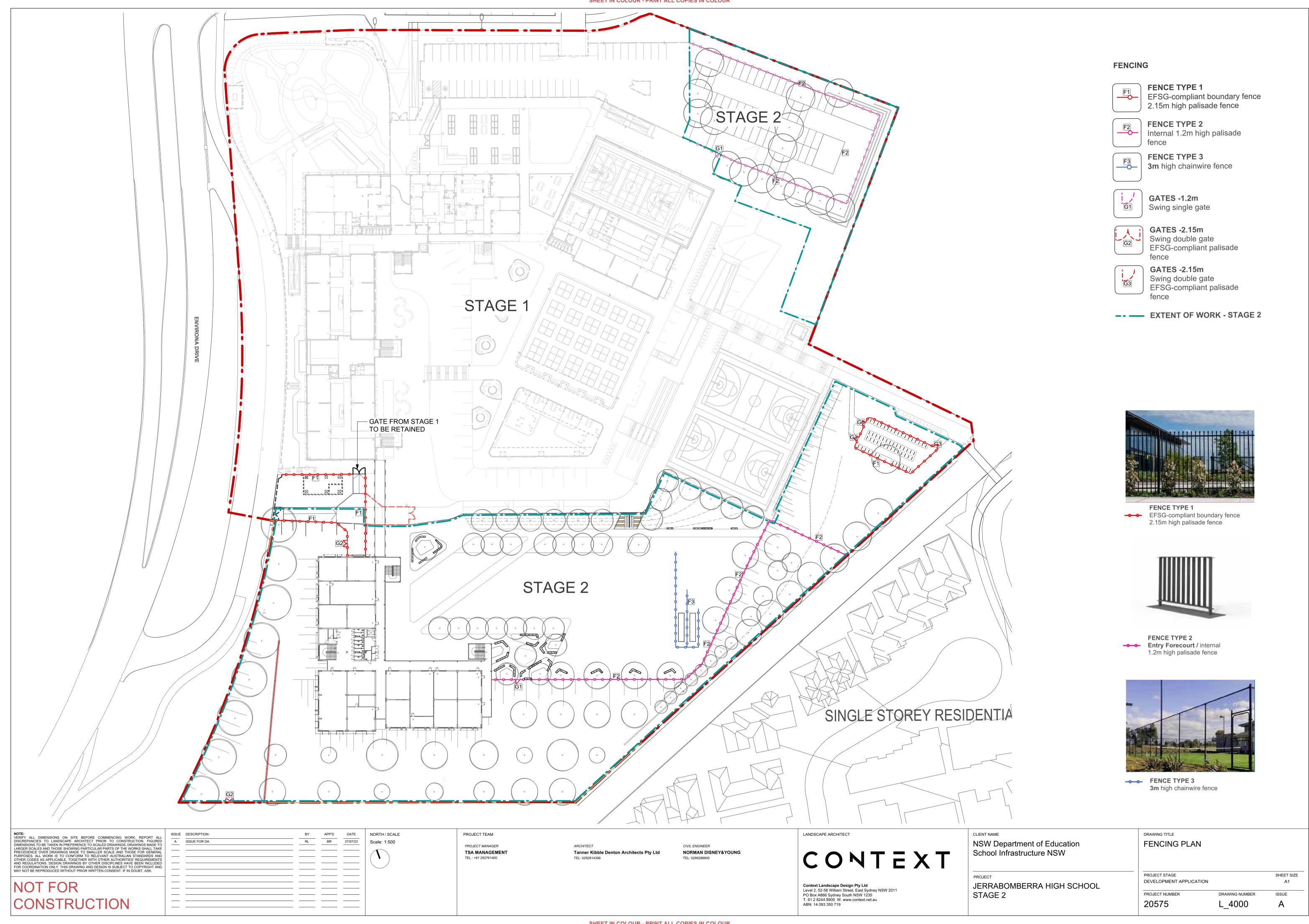
NOTE:
VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK. REPORT ALL DISCREPANCIES TO LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DRAWINGS. DRAWINGS MADE TO LARGER SCALES AND THOSE SHOWING PARTICULAR PARTS OF THE WORKS SHALL TAKE PRECEDENCE OVER DRAWINGS MADE TO SMALLER SCALE 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. IF IN DOUBT, ASK. NOT FOR CONSTRUCTION

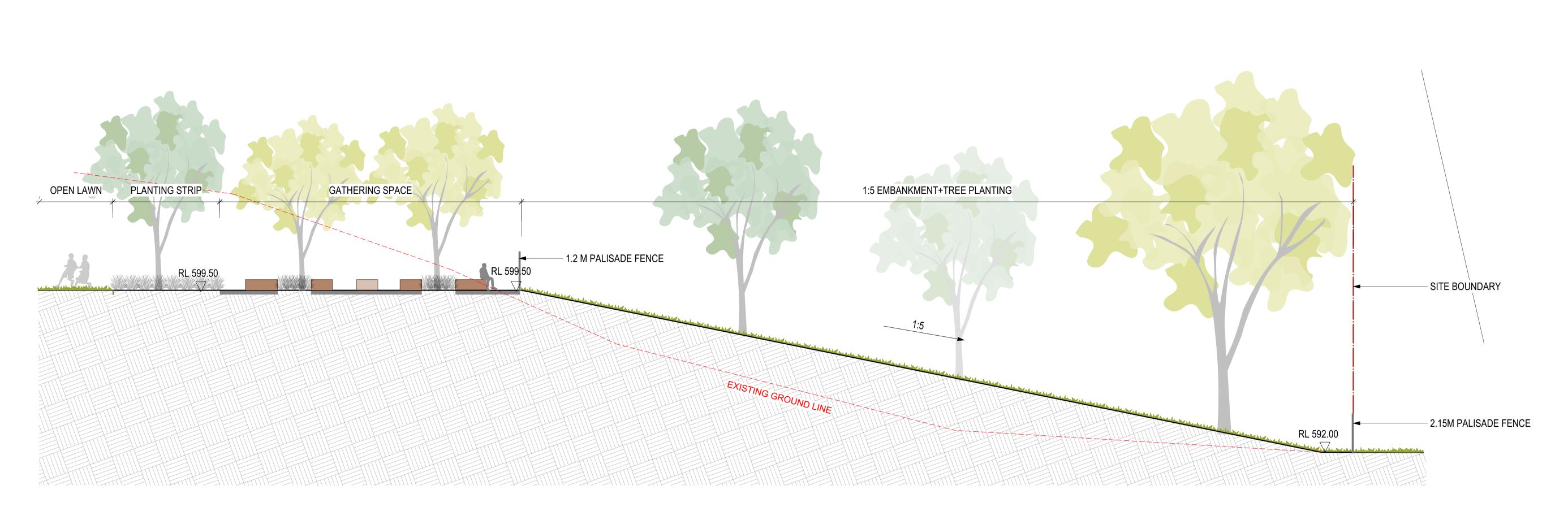
Carex-appressa

PROJECT MANAGER TSA MANAGEMENT TEL: +61 292761400

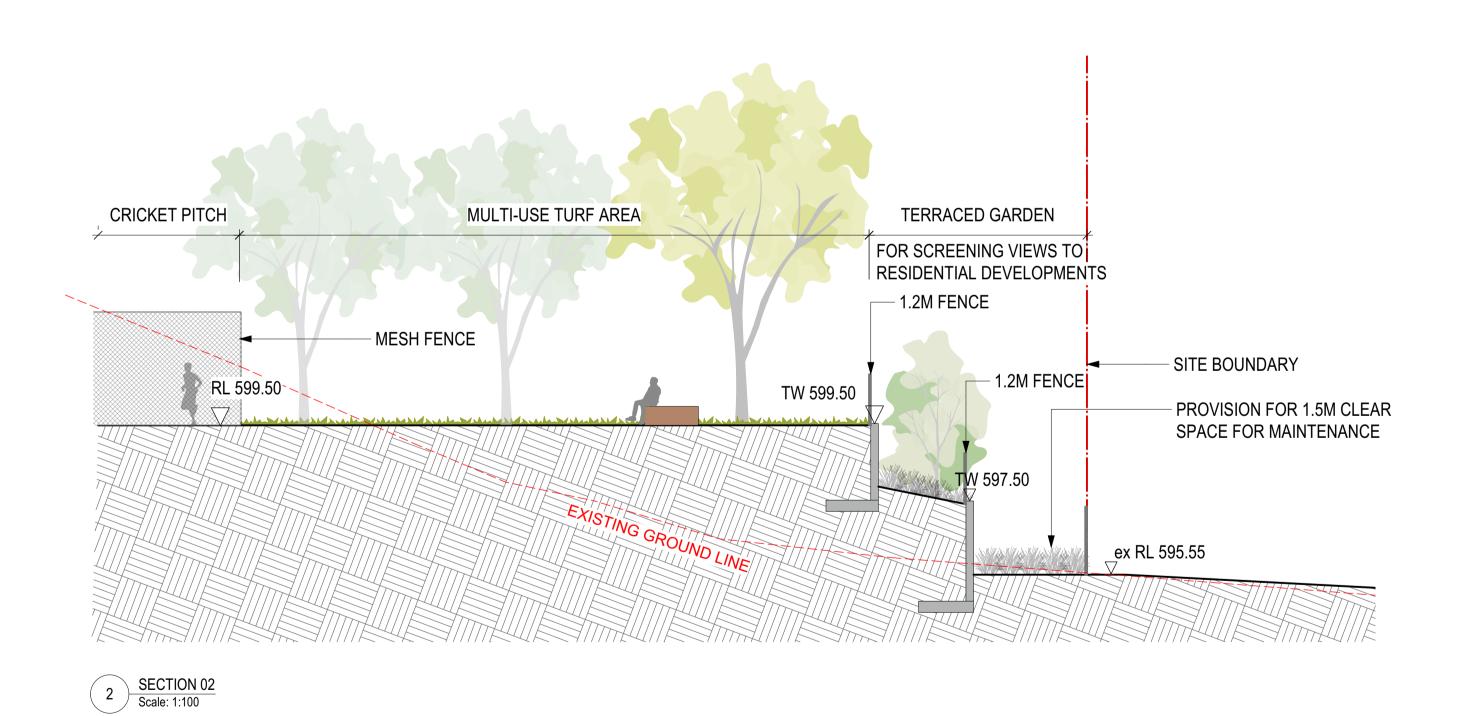
PROJECT TEAM

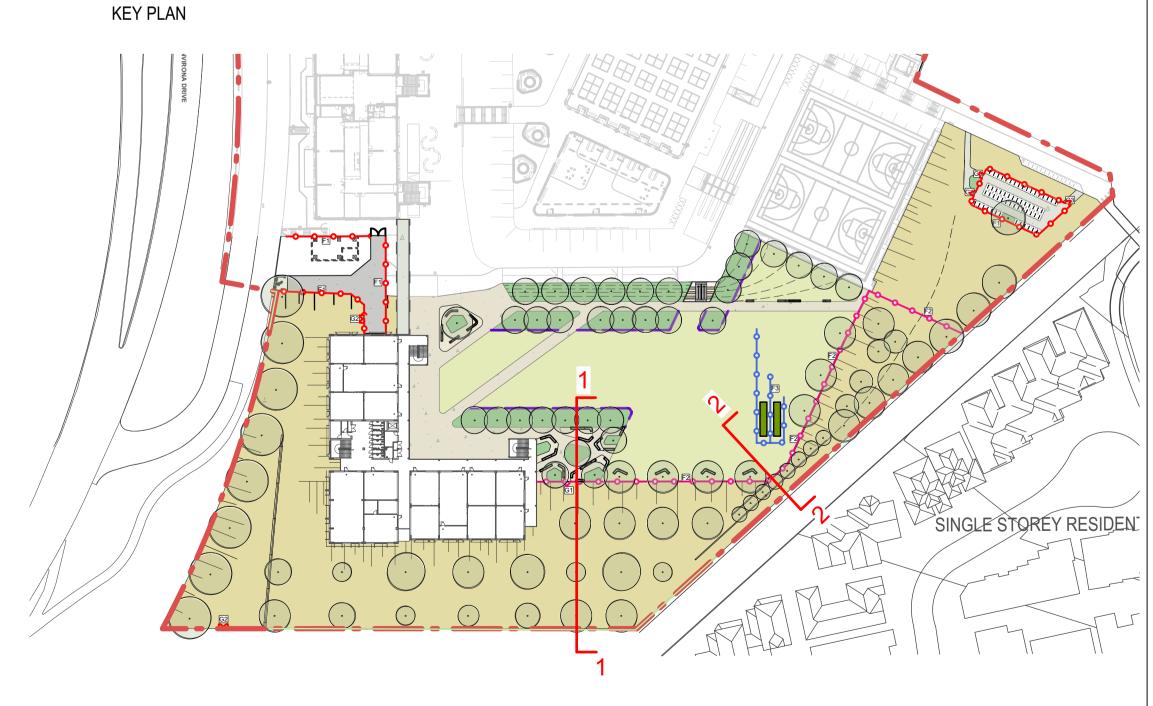
CIVIL ENGINEER Tanner Kibble Denton Architects Pty Ltd NORMAN DISNEY&YOUNG TEL: 0299286800





1 SECTION 01 Scale: 1:100





| NOTE: 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 SCALE 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. IF IN DOUBT, ASK. |
|--|
| NOT FOR  |
| CONSTRUCTION   |

ISSUE DESCRIPTION A ISSUE FOR DA

NORTH / SCALE Scale: NTS

PROJECT TEAM PROJECT MANAGER TSA MANAGEMENT TEL: +61 292761400

ARCHITECT Tanner Kibble Denton Architects Pty Ltd TEL: 0292814399

CIVIL ENGINEER NORMAN DISNEY&YOUNG TEL: 0299286800

CONTEXT Context Landscape Design Pty Ltd
Level 2, 52-58 William Street, East Sydney NSW 2011
PO Box A866 Sydney South NSW 1235
T. 61 2 8244 8900 W. www.context.net.au
ABN: 14 093 350 719

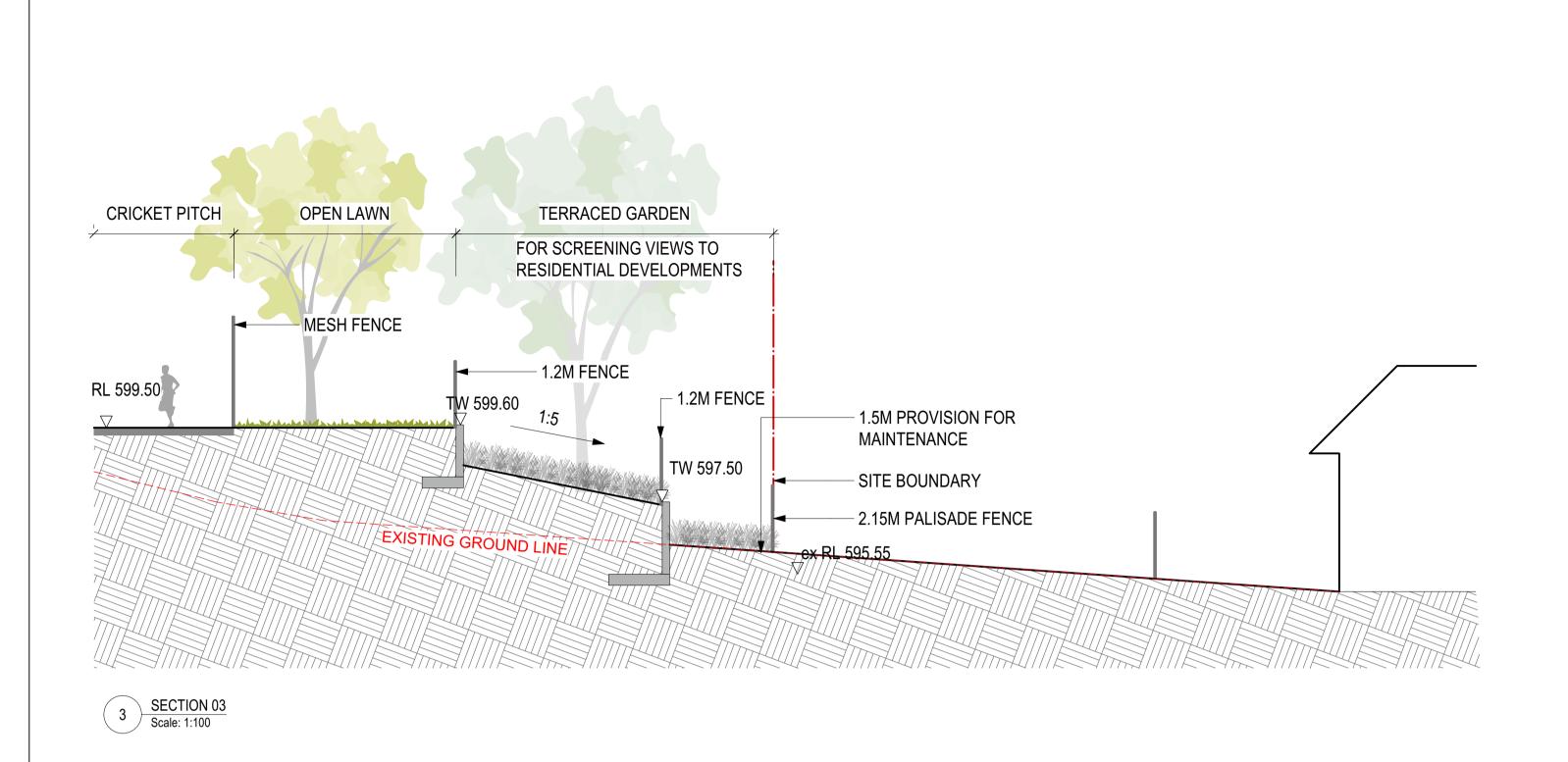
LANDSCAPE ARCHITECT

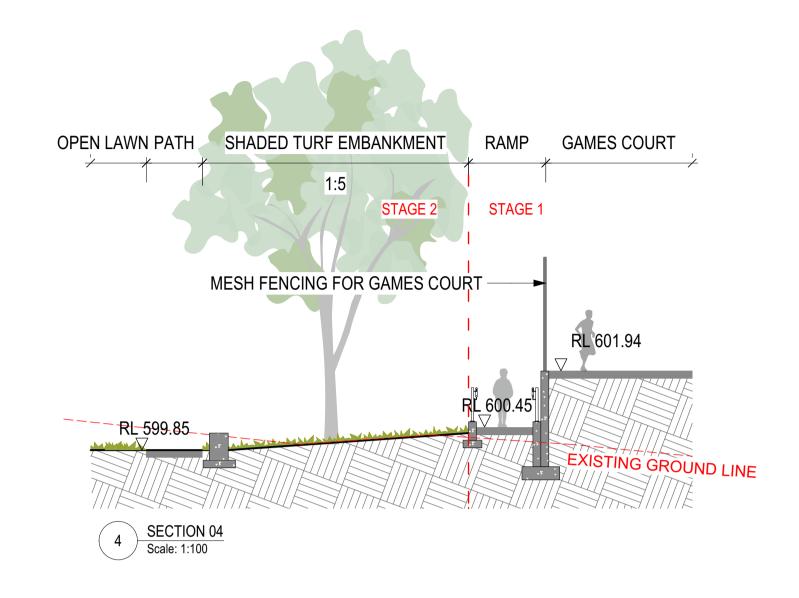
NSW Department of Education School Infrastructure NSW

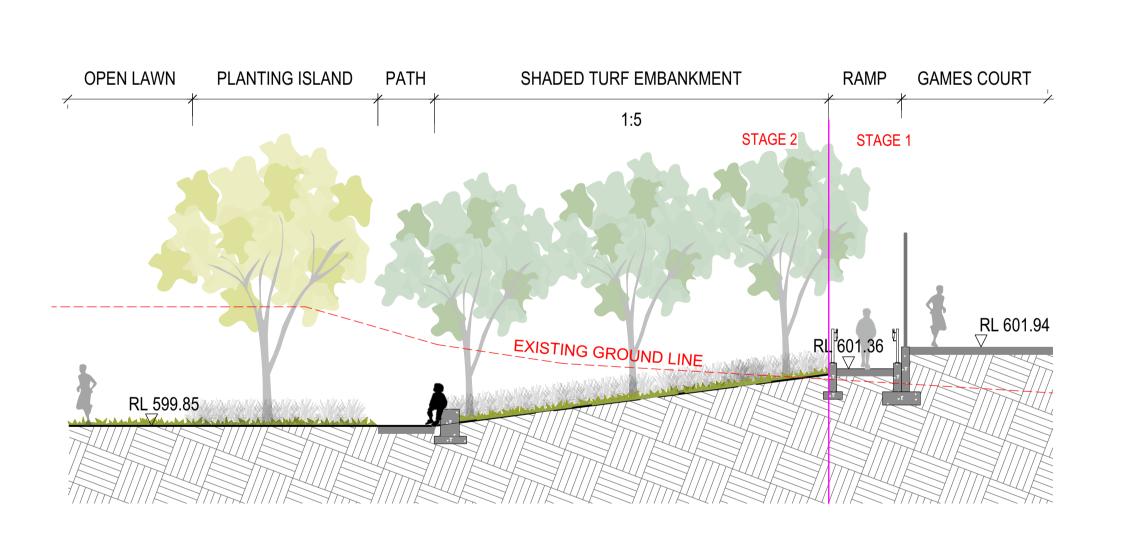
PROJECT JERRABOMBERRA HIGH SCHOOL STAGE 2

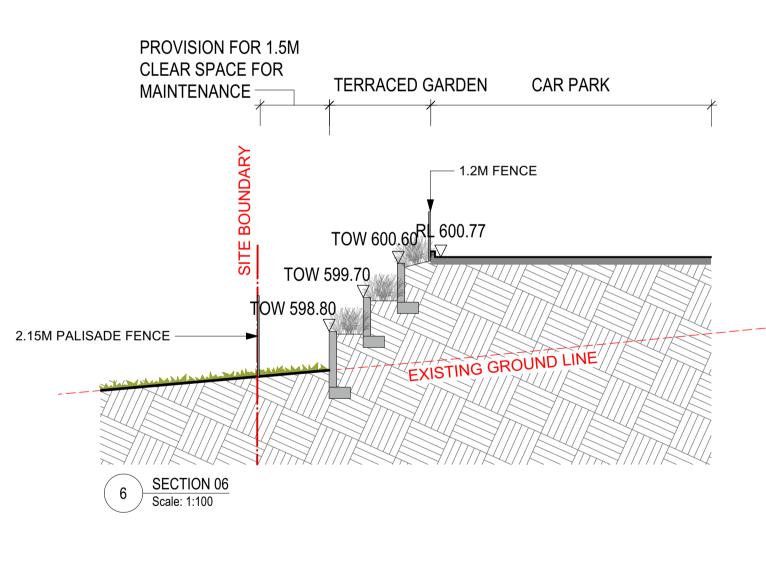
DRAWING TITLE LANDSCAPE SECTIONS

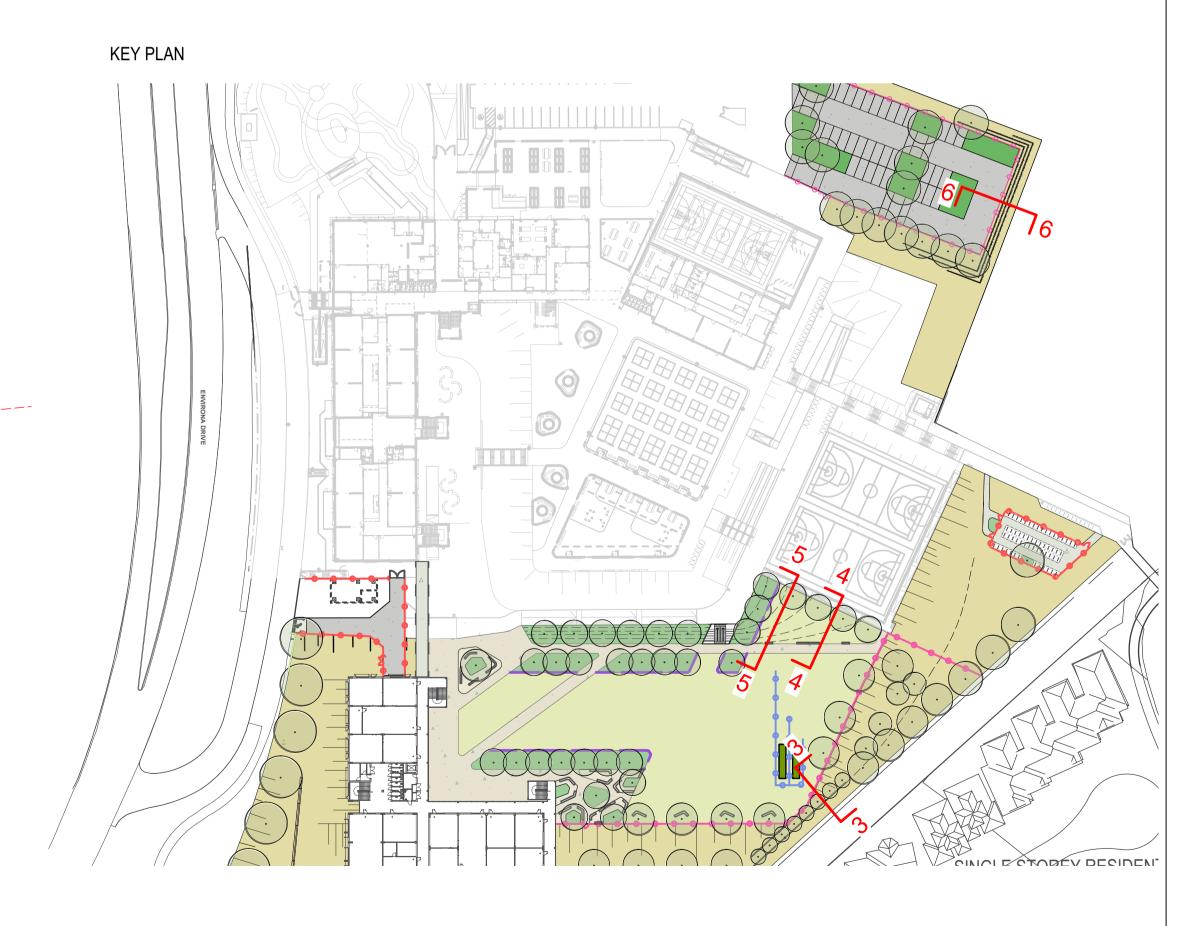
PROJECT STAGE SHEET SIZE DEVELOPMENT APPLICATION PROJECT NUMBER DRAWING NUMBER ISSUE 20575 L\_6000











| NOTE: 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 SCALE 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. IF IN DOUBT, ASK. |
|--|
| NOT FOR  |

CONSTRUCTION

NORTH / SCALE
Scale: NTS

PROJECT TEAM

PROJECT MANAGER

TSA MANAGEMENT

TEL: +61 292761400

ARCHITECT

Tanner Kibble Denton Architects Pty Ltd

TEL: 0292814399

CIVIL ENGINEER

NORMAN DISNEY&YOUNG

TEL: 0299286800

CONTEXT Landscape Design Pty Ltd
Level 2, 52-58 William Street, East Sydney NSW 2011
PO Box A866 Sydney South NSW 1235
T. 61 2 8244 8900 W. www.context.net.au
ABN: 14 093 350 719

LANDSCAPE ARCHITECT

NSW Department of Education
School Infrastructure NSW

PROJECT
JERRABOMBERRA HIGH SCHOOL

STAGE 2

LANDSCAPE SECTIONS

PROJECT STAGE SHEET SIZE DEVELOPMENT APPLICATION A1

PROJECT NUMBER DRAWING NUMBER ISSUE

20575 L\_6001 A