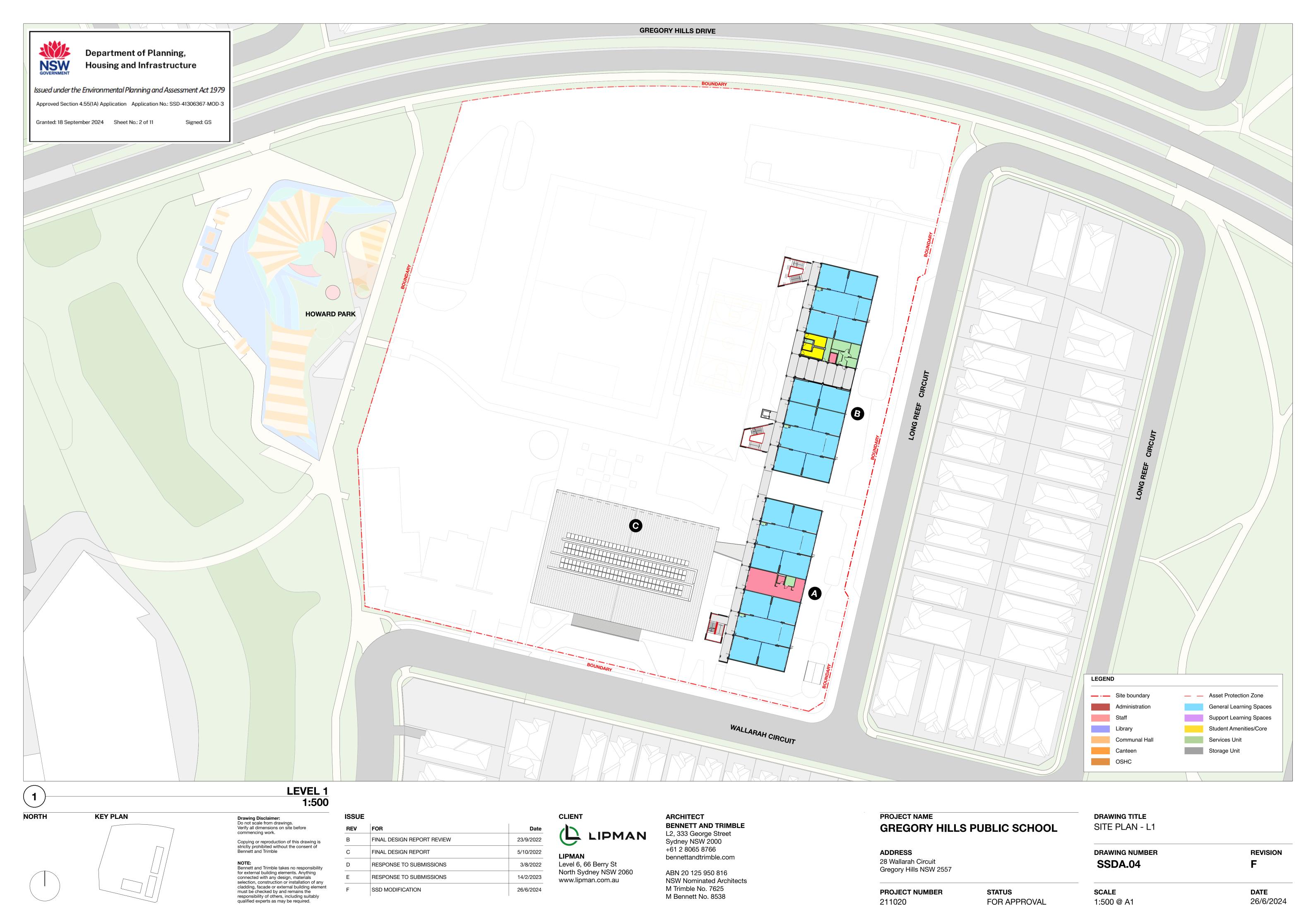


26/6/2024

FOR APPROVAL

211020

1:500 @ A1



M Trimble No. 7625

M Bennett No. 8538

PROJECT NUMBER

211020

STATUS

FOR APPROVAL

SCALE

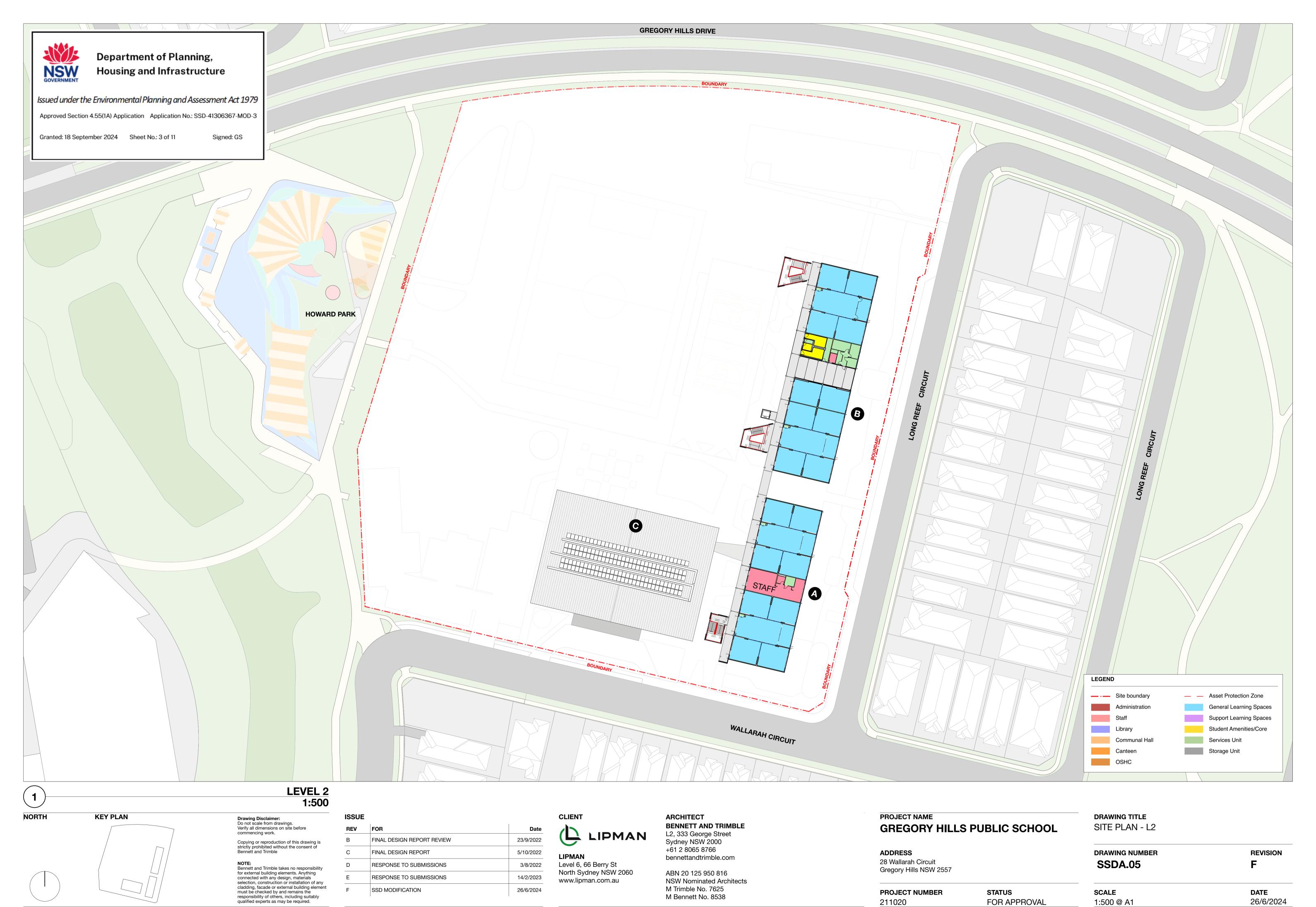
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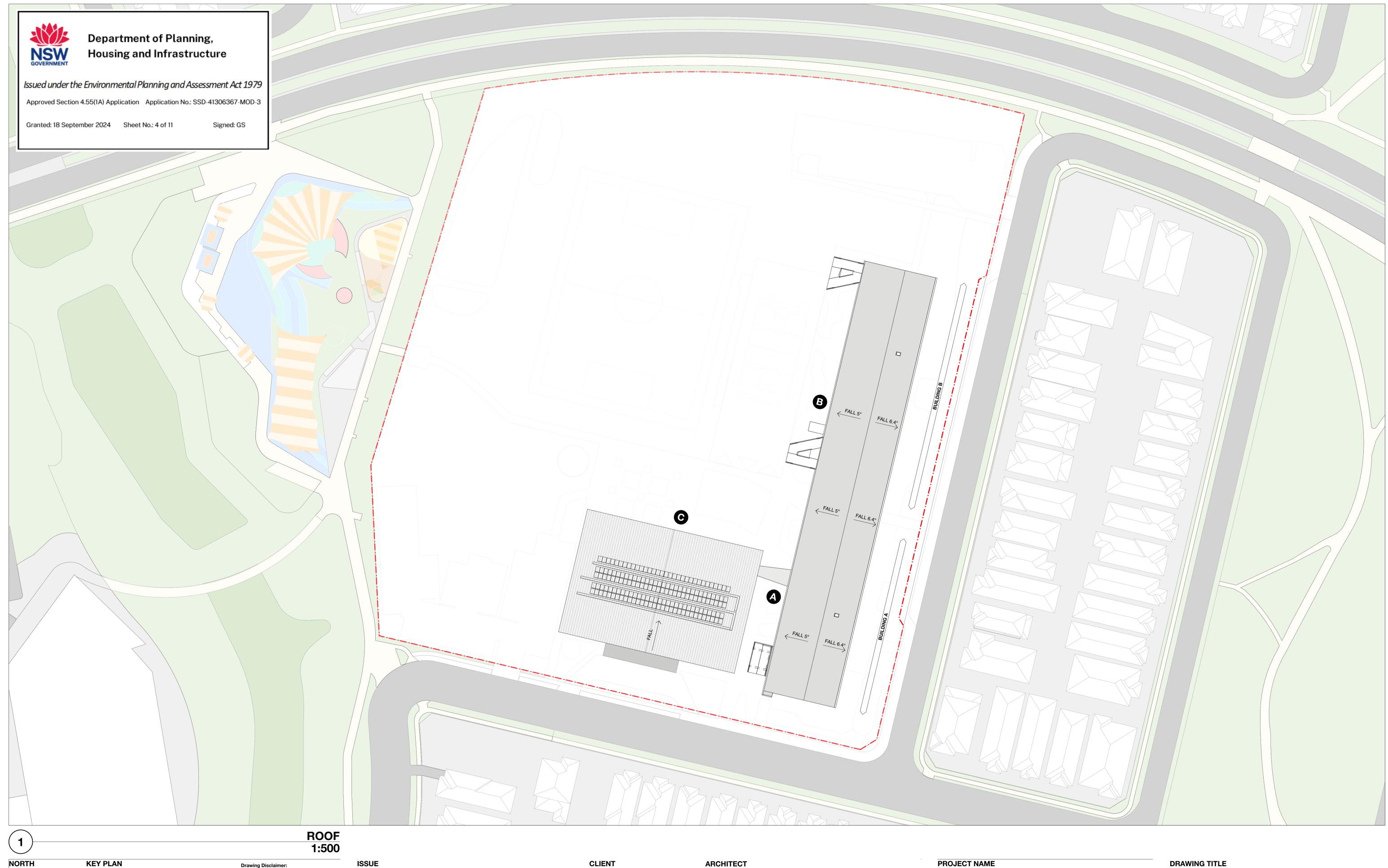
DATE

26/6/2024

SSD MODIFICATION

26/6/2024





KEY PLAN

Drawing Disclaimer:
Do not scale from drawings.
Verify all dimensions on site before commencing work.

Copying or reproduction of this drawing is strictly prohibited without the consent of Bennett and Trimble

NOTE:
Bennett and Trimble takes no responsibility for external building elements. Anything connected with any design, materials selection, construction or installation of any cladding, facade or external building element must be checked by and remains the responsibility of others, including suitably qualified experts as may be required.

ISSUE

REV	FOR	Date
В	FINAL DESIGN REPORT REVIEW	23/9/2022
С	FINAL DESIGN REPORT	5/10/2022
D	RESPONSE TO SUBMISSIONS	3/8/2022
Е	RESPONSE TO SUBMISSIONS	14/2/2023
F	SSD MODIFICATION	26/6/2024

CLIENT

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Level 6, 66 Berry St North Sydney NSW 2060

ARCHITECT BENNETT AND TRIMBLE L2, 333 George Street Sydney NSW 2000 +61 2 8065 8766 bennettandtrimble.com

ABN 20 125 950 816 **NSW Nominated Architects** M Trimble No. 7625 M Bennett No. 8538

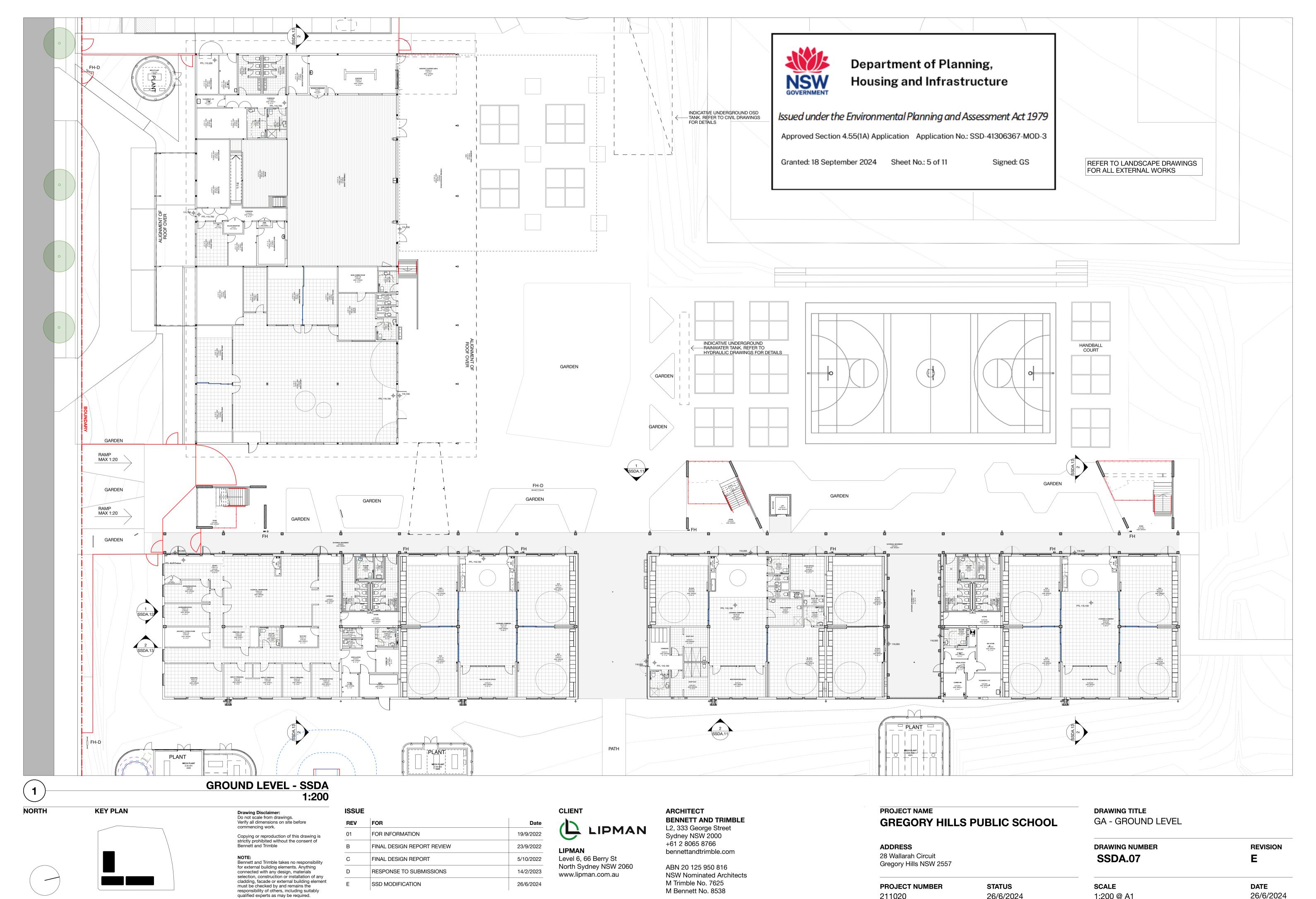
GREGORY HILLS PUBLIC SCHOOL

ADDRESS 28 Wallarah Circuit Gregory Hills NSW 2557

PROJECT NUMBER	STATUS
211020	FOR APPROVAL

DRAWING TITLE SITE PLAN - ROOF

DRAWING NUMBER	REVISION
SSDA.06	F
SCALE	DATE
1:500 @ A1	26/6/2024



M Trimble No. 7625

M Bennett No. 8538

SSD MODIFICATION

26/6/2024

SCALE DATE 26/6/2024 1:200 @ A1

STATUS

26/6/2024

PROJECT NUMBER

211020

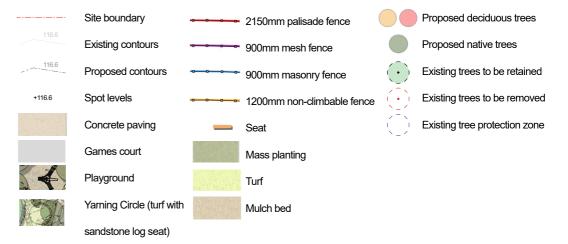


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LEGEND

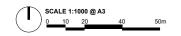


DIALOGUE

- Main pedestrian entry from Wallarah Circuit formed by a 1 in 20 accessible pathway and terraced steps. Marker tree and feature planting
- Low planting, turfed area and deciduous tree planting provide a permeable surface and shade.
- Carpark (South West corner) layout responds to existing Cumberland Plain Woodland trees and reflects bushfire asset protection requirements (holds 60 vehicles).
- Access into school grounds from the carpark (South West corner). Turf cell surfacing with bollards to the edge.
- Retention of existing Cumberland Plain Woodland (Eucalyptus tereticornis) trees that are in good health. Removal of (Eucalyptus tereticornis) trees that are dead, in poor health or pose a risk to future users (as per Arboricultural Assessment Report dated 07-10-2022).
- Trees to be removed will have their stumps and the root systems retained during removal to minimise the disturbance to trees identified as retained. The area identified as Cumberland Plain Woodland is to be fenced off and left to rehabilitate naturally (as per Ecological Report dated
- Situated outside of risk of potential limb dropping, the Yarning Circle sits with an outlook towards onto the remnant Cumberland Plain
- COLA forecourt/assembly area with handball courts, native tree planting and seating.
- Extent of cumberland plain woodland Patch and 10m offset (ecological assessment report prepared by kleinfelder 1 october 2022)
- Turf lawn with deciduous tree planting provides a comfortable place for flexible outdoor learning connected to the Library.
- Bike storage area
- Secondary pedestrian and bike entrance from Long Reef Circuit
- Varying sizes of outdoor learning connected to general learning areas and games court. Mix of evergreen and deciduous tree planting provides
- Secondary pedestrian and bike entrance with bilke racks, from Howard Park and riparian
- Nature play with a range of climbing, and outdoor learning opportunities. Re-use of on-site tree logs sit within the garden to provide a border.
- Planted on-site dention and bio-retention basins
- Extension of the Cumberland Plain Woodland character with informal tree planting to the school around the perimeter, providing a buffer between the basin and swale
- Under 11 sized playing field allows all age groups to compete.
- Tiered seating with staired access provides seating and viewing opportunities over the playing field
- Multi use games court and handball courts
- 22 Open play space
- Informal groups of native trees in mulch to street frontage. Turf to the building frontage provides open access.
- 24 Existing carpark (North East) waste pad and footpath to be retained

LIST OF CHANGES

- (7) Yarning circle relocated approximately 1m to the south to accomodate revised internal footpath connecting to the western entry gate
- (15) Internal footpath to the western entry gate adjusted to accomodate the sports field which is to be relocated to the south. Footpath is designed is 2.4m wide, minimum 1:20 gradients and 600mm kerb grading either side of the footpath for accessible compliance.
- (16) Playground adjustment to coordinate with the revised internal footpath connecting to western entry gate
- (19) Sports field relocated to the south to provide a larger open space area to the north of the field in-lieu of two smaller open space areas









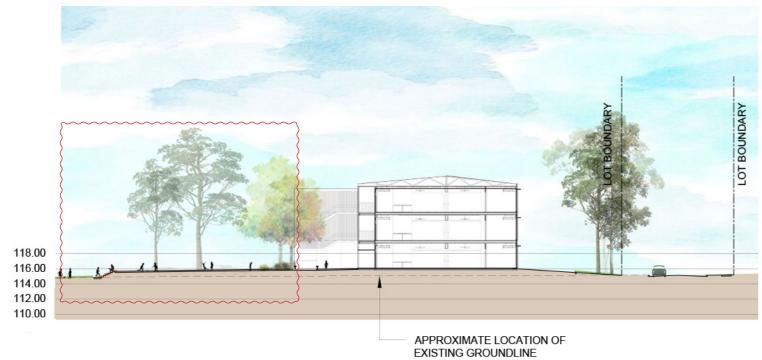






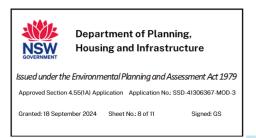


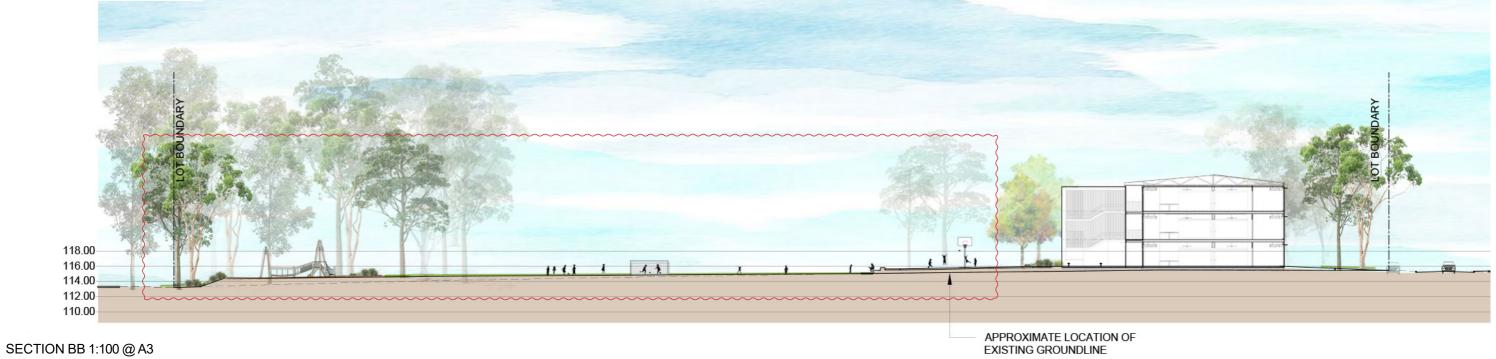
SECTION ELEVATIONS





SECTION AA 1:100 @ A3





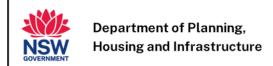
Landscape Section Elevations

New Primary School in Gregory Hills

TaylorBrammer

LIST OF CHANGES

GH_LA_SSDA_1002



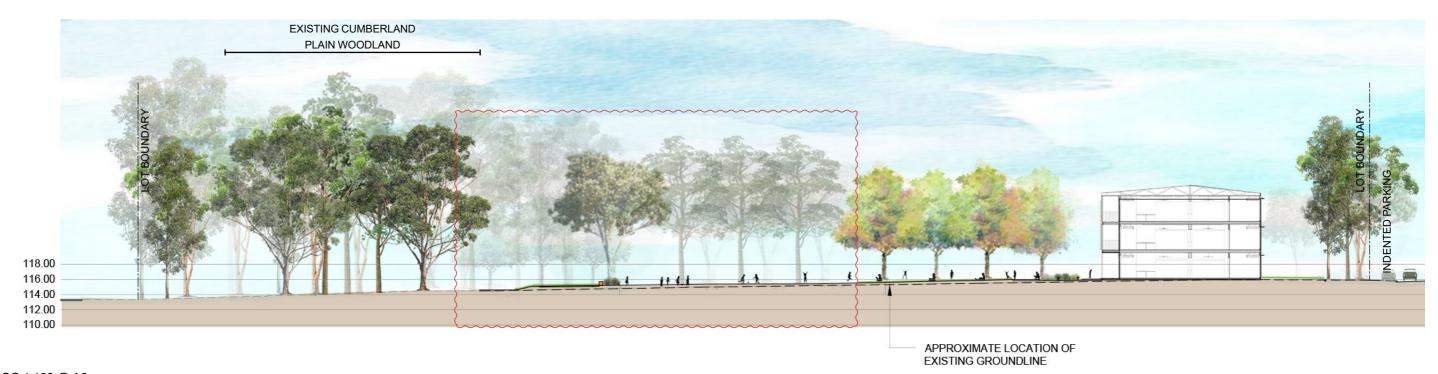
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KEY PLAN



SECTION CC 1:100 @ A3

New Primary School in Gregory Hills

TaylorBrammer

LIST OF CHANGES



Cross sections updated to reflect the changes.

PLANTING STRATEGY

The below planting strategy refers to the Plant Schedule in regards to



The plants species for the Gregory Hills Public school have been carefully selected from the local indigenous ecological community of the Cumberland Plain Woodland. Local indigenous species have also been selected from the Camden LGA Indicative Planting list.

Suitable species of the Cumberland Plain Woodland that can be supported on the school site have been selected to assist in highlighting the remnant cluster of Eucalyptus tereticornis in the sites south-west corner while also providing great educational value. This existing character is to be extended and enhanced to the school perimeter in informal groups to provide a vegetation buffer that is suitable for the locality.

Suitable deciduous trees have been chosen to provide colour and balance to the existing school paved areas that will provide comfort and shade during the summer and allow for sunlight during the winter. Suitable trees have been selected to integrate into the existing vegetation and character of the site at the street frontage. Marker trees that are uniquely identifiable have been chosen at points of entry to the school.

Species selection for the carpark (South West corner) retains the native character that is present adjacent in the existing Cumberland Plain Woodland tree cluster. Trees have been strategically placed to provide the greatest amount of shade while meeting bushfire asset protection guidelines.

Shrubs and groundcovers that are not sharp or poisonous have been specifically selected for safety. The species are also suitable climatically, low maintenance and water wise.

References

- 1. Cumberland Plain Woodland in the Sydney Basin Bioregion critically endangered ecological community listing, NSW Department of Planning, Industry and Environment, 27 May 2019 https://www.environment.nsw.gov.au/topics/animals-and-plants/ threatened-species/nsw-threatened-species-scientific-committee/ determinations/final-determinations/2008-2010/cumberland-plainwoodland-critically-endangered-ecological-community-listing
- Indicative Planting Lists for the Camden LGA https://www.camden. nsw.gov.au/assets/pdfs/Council/Plans-and- Strategies/General-and-BASIX-Indicative-Tree-List.pdf

					HEIGHT X							BIO-RETENTION
BOTANICAL NAME	COMMON NAME	QUANTITY	POT SIZE	SPACING	WIDTH	NATIVE	PERIMETER	STREET FRONTAGE	CARPARK	ENTRY	GENERAL	BASIN
CUMBERLAND PLAINS WOODLAND F	PLANT SCHEDULE					1						l I
TREES												
Acacia floribuna	Gossamer Wattle	4	300 pot	As Shown	3m x 6m	У						
Brachychiton populneus	Kurrajong Tree	14	400L	As Shown	15m x 8m	Y						
Casuarina glauca	She Oak	36	300 pot	As Shown	15m x 8m	Y						
Eucalyptus crebra	Narrow Leaved Ironbark	2	300 pot	As Shown	18m x 12m	Y						
Eucalyptus tereticornis	Forest Red Gum	1	300 pot	As Shown	25m x 15m	Y						
Eucalyptus moluccana	Grey Box	2	300 pot	As Shown	25m x 15m	Y						
Melaleuca decora	White Feather Honey Myrtle	7	300 pot	As Shown	10m x 5m	У						
Melaleuca quinquenervia	Broad-Leaf Paperbark	3	300 pot	As Shown	12m x 4m	Υ						
Melaleuca styphelioides	Prickly leaf paperbark	9	300 pot	As Shown	10m x 8m	Υ						

	I				HEIGHT X	1						BIO-RETENTION
BOTANICAL NAME	COMMON NAME	QUANTITY	POT SIZE	SPACING	WIDTH	NATIVE	PERIMETER	STREET FRONTAGE	CARPARK	ENTRY	GENERAL	BASIN
CUMBERLAND PLAINS WOODLA	AND PLANT SCHEDULE											
TREES												
Acacia floribuna	Gossamer Wattle	4	300 pot	As Shown	3m x 6m	У						
Brachychiton populneus	Kurrajong Tree	14	400L	As Shown	15m x 8m	Y						
Casuarina glauca	She Oak	36	300 pot	As Shown	15m x 8m	Y						
Eucalyptus crebra	Narrow Leaved Ironbark	2	300 pot	As Shown	18m x 12m	Y						
Eucalyptus tereticornis	Forest Red Gum	1	300 pot	As Shown	25m x 15m	Y						
Eucalyptus moluccana	Grey Box	2	300 pot	As Shown	25m x 15m	Y						
Melaleuca decora	White Feather Honey Myrtle	7	300 pot	As Shown	10m x 5m	У						
Melaleuca quinquenervia	Broad-Leaf Paperbark	3	300 pot	As Shown	12m x 4m	Υ						
Melaleuca styphelioides	Prickly leaf paperbark	9	300 pot	As Shown	10m x 8m	Υ						

SHRUBS					1				
Bursaria spinosa	Sweet Bursaria	10	150mm	As Shown	4m x 3m	Y			
GRASSES AND GROUNDCOVERS									
Brachyscome angustifolia	Rock Daisy	3	150mm	4/m2	0.4m x 0.3m	Υ			
Brachyscome multifida	Cut-leaved Daisy	39	150mm	4/m2	0.3m x 0.3m	Y			
Dianella longifolia	Flax Lily	183	150mm	4/m2	1m x 1m	Y			
Dianella revoluta	Black Anther Flax Lily	183	150mm	4/m2	0.4m x 0.4m	Y			
Hardenbergia violacea	Purple Coral Pea	359	150mm	4/m2	3 x 2m	У			
Lomandra multiflora	Mat Rush	839	150mm	4/m2	0.5m x 0.5m	Y			
Scaevola aemula	Fan Flower	12	150mm	4/m2	0.5m x 1m	Y			
Viola hederacea	Native Violet	159	150mm	4/m2	0.15m x 1m	Y			

GENERAL PLANTING									
EVERGREEN TREES									
Allocasuarina littoralis	Narrow She Oak	2	300 pot	As Shown	10m x 5m	У			
Allocasuarina tortulosa	Forest She Oak	5	300 pot	As Shown	15m x 5m	У			
Elaeocarpus reticulatus	Blueberry Ash	5	300 pot	As Shown	8m x 6m	Υ			
Angophora floribunda	Rough Bark Apple	16	300 pot	As Shown	18m x 10m	Υ			
Angophora subvelutina	Broad Leaved Apple	4	300 pot	As Shown	20m x 10m	у			
Backhousia myrtifolia	Grey Myrtle	1	300 pot	As Shown	7m x 4m	у			
Casuarina cunninghamiana	River Oak	1	300 pot	As Shown	15-30m	у			
Callistemon viminalis	Weeping Bottlebrush	6	300 pot	As Shown	8m x 4m	Y			

Illawarra Flame Tree	9	400L	As Shown	12m x 6m	Υ						
Ornamental Pear	14	400L	As Shown	11m x 5m	N						
Japanese Elm	17	400L	As Shown	13m x 10m	N						
0	rnamental Pear	rnamental Pear 14	rnamental Pear 14 400L	rnamental Pear 14 400L As Shown	rnamental Pear 14 400L As Shown 11m x 5m	rnamental Pear 14 400L As Shown 11m x 5m N	rnamental Pear 14 400L As Shown 11m x 5m N	rnamental Pear 14 400L As Shown 11m x 5m N	rnamental Pear 14 400L As Shown 11m x 5m N	rnamental Pear 14 400L As Shown 11m x 5m N	rnamental Pear 14 400L As Shown 11m x Sm N

SHRUBS									
Aeonium arboreum 'Zwartkop	Black Rose Succulent	5	150mm	As Shown	1m x 0.50m	N			
Banksia spinulosa 'Bush Candles	Hairpin Banksia	10	150mm	As Shown	0.5m x 1.5m	Y			
Breynia cernua	Apple Berry	14	150mm	As Shown	2m x 1m	у			
Casuarina glauca 'Cousin It'	Casuarina shagpile	26	150mm	As Shown	0.1m x 1m	Υ			
Cordyline fruticosa 'Rubra'		56	150mm	As Shown	1.5 x 1m	Y			
Doryanthes excelsa	Gymea Lily	16	150mm	As Shown	3m x 4m	Y			
Ozothamnus diasmifolius	Rice Flower	12	150mm	As Shown	1.5 x 1.5	v			



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PLANTING IMAGERY



Acacia floribuna





Casuarina glauca









Hardenbergia violacea



Allocasuarina littoralis





Elaeocarpus reticulatus Callistemon viminalis



Brachychiton acerifolius



Pyrus calleryana 'Chanticleer'



Zelkova serrata



Aeonium arboreum 'Zwartkop



Banksia spinulosa 'Bush Candles



Ozothamnus diasmifolius



PLANTING STRATEGY

The below planting strategy refers to the Plant Schedule in regards to



GROUNDCOVERS									
Achillea millefolium 'Terracotta'	Yarrow	359	150mm	4/m2	0.5 x 0.5m	N			
Bergenia cordifolia	Elephant's Ears, Saxifraga0.20 x	56	150mm	4/m2	0.6 0.5m	N			
Bidens ferulifolia 'Campfire'	Biden's Campfire	11	150mm	4/m2	0.5 x 0.5	N			
Lomandra 'Little Con'	Mat Rush	96	150mm	4/m2	0.3 x 0.3m	у			
Clematis armandii	Evergreen Clematis	359	150mm	4/m2	9 x 1m	у			
Ajuga australis	Australian Bugle	56	150mm	4/m2	0.5 x 3m	у			

GRASSES									
Carex appressa	Tall Sedge	839	150mm	4/m2	1m x 1m	Υ			
Dianella caerulea	Blue Flax Lily	183	150mm	4/m2	1m x 2m	Υ			
Festuca glauca	Blue tussock	240	150mm	4/m2	0.4 x 0.4	N			
Juncas usitatus	Common Rush	183	150mm	4/m2	1.2m x 1m	Y			
Lomandra confertifolia	Mat Rush	839	150mm	4/m2	0.4m x 0.7m	Y			
Lomandra longifolia	Mat Rush	839	150mm	4/m2	1m x 0.6m	Υ			
Microlaena stipoides	Weeping Grass	240	150mm	4/m2	0.6m x 0.3m	Υ			
Poa labillardierei var. labillardierei	Tufted Grass	574	150mm	4/m2	0.8m x 0.3m	Υ			
Rydosperma caespitosum	Wallaby Grass	240	150mm	4/m2	0.70 x .30	у			
Themeda triandra	Kangaroo Grass	574	150mm	4/m2	0.5m x 0.5m	Υ			

BIO-RETENTION BASIN									
Austrostipa stipoides	Coast Spear Grass	600	150mm	4/m2	0.8 x 0.8m	Υ			
Bolboschoenus caldwellii	Marsh Club Rush	600	150mm	4/m2	1 x 0.6m	У			
Carex appressa	Tall Sedge	600	150mm	4/m2	0.60 x 0.60	Υ			
Ficinia nodosa	Knobby Club Rush	600	150mm	4/m2	1m x 0.60m	Υ			
Ghania filum	Saw Sedge	600	150mm	4/m2	1m x 1m	у			
Juncus usitas	Sedge	600	150mm	4/m2	1m x 0.60m	Υ			
Lomandra lonaifolia	Mat Ruch	600	150mm	1/m2	1m v 1m	v			

PLANTING IMAGERY







'Terracotta'

Achillea millefolium Bidens ferulifolia 'Campfire'





Festuca glauca

Rydosperma caespitosum







Austrostipa stipoides

Ghania filum

Juncus usitas



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