

EROSION AND SEDIMENT CONTROL PLAN

CONDITION.

- KERB-SIDE INLET

- MEASURE PROVIDED WILL BE TO THE SATISFACTION OF THE PRINCIPAL'S REPRESENTATIVE IN ACCORDANCE WITH THE LOCAL AND STATUTORY REQUIREMENTS UNLESS NOTED OTHERWISE. ALL WORKS SHALL BE ERECTED AND CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITION OF MANAGING URBAN STORMWATER: SOILS AND CONSTRUCTION "BLUE BOOK", VOLUME 1 BY LANDCOM
- ALL EXCAVATION WORKS ARE TO BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT, IF AVAILABLE, AND THE STRUCTURAL ENGINEER'S DRAWINGS.
- INSTALL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO COMMENCEMENT OF CONSTRUCTION WORKS.
- MESH AND GRAVEL INLET FILTERS TO BE INSTALLED UPSTREAM OF PROPOSED STORMWATER PITS AS WELL AS EXISTING STORMWATER PITS DOWNSTREAM OF DISTURBED
- TOP SOIL WILL BE STRIPPED AND STOCKPILED FOR ALTER USE IN LANDSCAPING.
- ALL STOCKPILES TO BE CLEAR FROM DRAINS, GUTTERS AND FOOTPATHS. TOP SOIL WILL BE RE SPREAD AND ALL DISTURBED AREAS WILL BE REHABILITATED WITHIN 20
- WORKING DAYS OF THE COMPLETION OF WORKS. ALL SEDIMENT TO BE STORED AND COLLECTED BY A LIQUID WASTE COMPANY FOR DISPOSAL
- AT A LICENSED TREATMENT FACILITY. ROADS AND FOOTWAYS TO BE SWEPT AT THE END OF THE DAY.
- 10. NO WATER CONTAINING OIL, FOAM, GREASE, SCUM OR LITTER WILL BE DISCHARGED TO THE STORMWATER DRAINAGE SYSTEM FROM THE SITE.
- ALL STORED WASTES ARE KEPT IN DESIGNATED AREAS OR COVERED CONTAINERS THAT
- PREVENT ESCAPE INTO THE STORMWATER SYSTEM. THE AMOUNT OF MUD, DIRT, SAND, SOIL, CLAY OR STONES DEPOSITED BY VEHICLES ON THE

WASTES OR GROSS POLLUTANTS IN ACCORDANCE WITH CURRENTLY ACCEPTED BEST

- ABUTTING ROADS IS MINIMISED WHEN VEHICLES ARE LEAVING SITE. NO MUD, DIRT, SAND, SOIL, CLAY OR STONES ARE WASHED INTO, OR ARE ALLOWED TO
- ENTER THE STORMWATER DRAINAGE SYSTEM. THE SITE IS DEVELOPED AND MANAGED TO MINIMISE THE RISKS OF STORMWATER POLLUTION THROUGH THE CONTAMINATION OF RUN-OFF BY CHEMICALS, SEDIMENTS, ANIMAL
- 15. ALL EROSION AND SEDIMENT CONTROLS WILL BE CHECKED AT LEAST WEEKLY AND AFTER RAINFALL EVENTS TO MAKE SURE THEY ARE MAINTAINED TO A FULLY FUNCTIONAL

## **EROSION & SEDIMENT CONTROL PLAN SCALE 1:200**

GUTTER RL 25.98

RIDGE RL 28.05

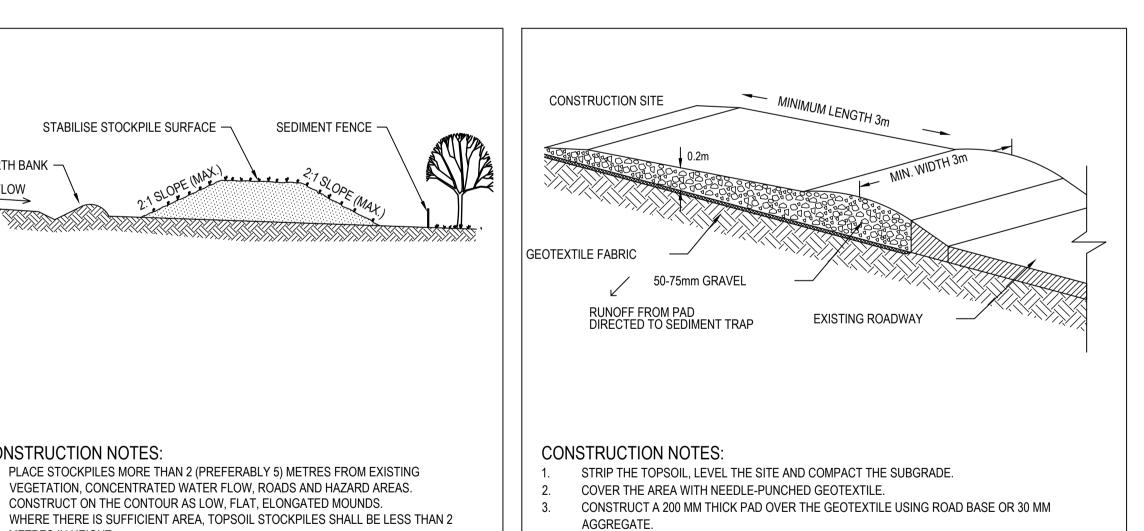
2 STOREY

**BRICK BUILDING** 

TILE ROOF

GUTTER RL 25.95

VFRANDAH



ENSURE THE STRUCTURE IS AT LEAST 15 METRES LONG OR TO BUILDING ALIGNMENT AND AT

STABILISED ACCESS TO DIVERT WATER TO THE SEDIMENT FENCE.

WHERE A SEDIMENT FENCE JOINS ONTO THE STABILISED ACCESS, CONSTRUCT A HUMP IN THE

LEAST 3 METRES WIDE.

STABILISED SITE ACCESS

EXTENTS OF PROPOSED DEVELOPMENT SHOWN

> GRADIENT OF - CAN BE CONSTRUCTED WITH - ALL BATTER DRAIN 1% TO 5% OR WITHOUT CHANNEL GRADES 2(H):1(V) DIRECTION OF FLOW NOTE: ONLY TO BE USED AS TEMPORARY BANK WHERE MAXIMUM UPSLOPE LENGTH IS 80 METRES.

**CONSTRUCTION NOTES:** 

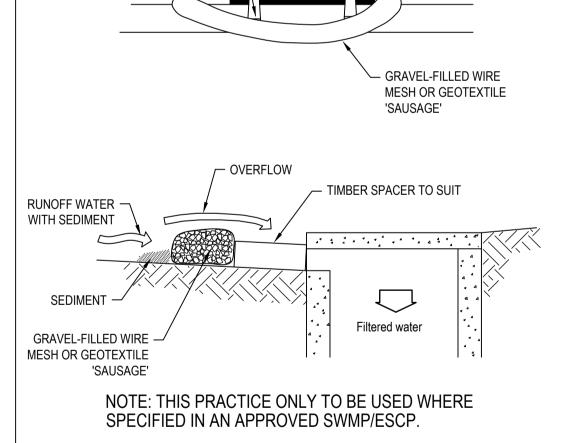
EARTH BANK (LOW FLOW)

BUILD WITH GRADIENTS BETWEEN 1 PERCENT AND 5 PERCENT. AVOID REMOVING TREES AND SHRUBS IF POSSIBLE - WORK AROUND THEM.

19.90 19.88

- ENSURE THE STRUCTURES ARE FREE OF PROJECTIONS OR OTHER IRREGULARITIES THAT COULD IMPEDE WATER FLOW.
- BUILD THE DRAINS WITH CIRCULAR, PARABOLIC OR TRAPEZOIDAL CROSS SECTIONS, NOT V
- ENSURE THE BANKS ARE PROPERLY COMPACTED TO PREVENT FAILURE.
- COMPLETE PERMANENT OR TEMPORARY STABILISATION WITHIN 10 DAYS OF CONSTRUCTION.

**ARCHITECT** 



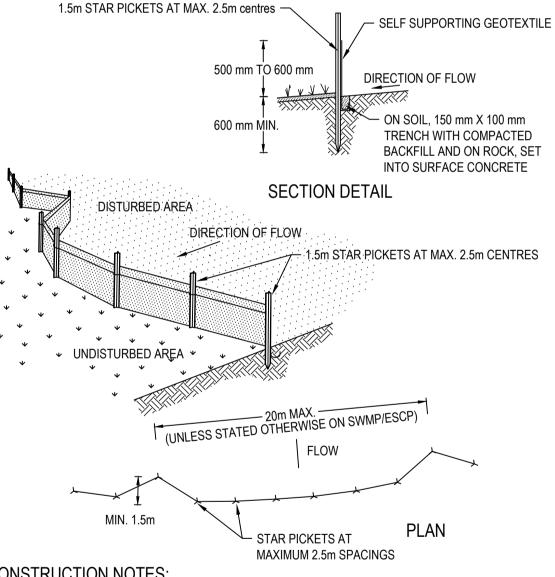
**CONSTRUCTION NOTES:** 

TIMBER SPACER TO SUITA

INSTALL FILTERS TO KERB INLETS ONLY AT SAG POINTS.

G

- FABRICATE A SLEEVE MADE FROM GEOTEXTILE OR WIRE MESH LONGER THAN THE LENGTH OF THE INLET PIT AND FILL WITH 25MM TO 50MM GRAVEL
- FORM AN ELLIPTICAL CROSS-SECTION ABOUT 150 HIGH AND 400MM WIDE. PLACE THE FILTER AT THE OPENING LEVEL AT LEAST A 100MM SPACE BETWEEN IT AND THE
- KERB INLET. MAINTAIN THE OPENING WITH SPACER BLOCKS.
- FORM A SEAL WITH THE KERB TO PREVENT SEDIMENT BYPASSING THE FILTER. SANDBAGS FILLED WITH GRAVEL CAN BE SUBSTITUTE A MESH OR GEOTEXTILE PROVIDING THEY ARE PLACED SO THAT THEY FIRMLY ABUT EACH OTHER AND SEDIMENT LADEN WATERS CANNOT PASS BETWEEN



**CONSTRUCTION NOTES:** 

- CONSTRUCT SEDIMENT FENCES AS CLOSE AS POSSIBLE TO BEING PARALLEL TO THE CONTOURS OF THE SITE, BUT WITH SMALL RETURNS AS SHOWN IN THE DRAWING TO LIMIT THE CATCHMENT AREA OF ANY ONE SECTION. THE CATCHMENT AREA SHOULD BE SMALL ENOUGH TO LIMIT WATER FLOW IF CONCENTRATED AT ONE POINT TO 50 LITRES PER SECOND IN THE DESIGN STORM EVENT, USUALLY THE 10-YEAR EVENT.
- CUT A 150-MM DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
- DRIVE 1.5 METRE LONG STAR PICKETS INTO GROUND AT 2.5 METRE INTERVALS (MAX) AT THE DOWNSLOPE EDGE OF THE TRENCH. ENSURE ANY STAR PICKETS ARE FITTED WITH SAFETY CAPS.
- FIX SELF-SUPPORTING GEOTEXTILE TO THE UPSLOPE SIDE OF THE POSTS ENSURING IT GOES TO THE BASE OF THE TRENCH. FIX THE GEOTEXTILE WITH WIRE TIES OR AS RECOMMENDED BY THE MANUFACTURER. ONLY USE GEOTEXTILE SPECIFICALLY PRODUCED FOR SEDIMENT FENCING.
- JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH A 150-MM OVERLAP. BACKFILL THE TRENCH OVER THE BASE OF THE FABRIC AND COMPACT IT THOROUGHLY OVER THE

THE USE OF SHADE CLOTH FOR THIS PURPOSE IS NOT SATISFACTORY.

GEOTEXTILE. MESH AND GRAVEL INLET FILTER **SEDIMENT** SD 6-11

	REVISIONS / AMENDMENTS				REVISIONS / AMENDMENTS			
	Rev	Date	Description	Verified	Rev	Date	Description	Verified
7	P1	01.06.23	DA ISSUE	M.B.				
	P2	05.12.23	PRELIMINARY ISSUE	M.B.				
	P3	07.12.23	PRELIMINARY ISSUE	M.B.			All dimensions to be verified on site/s prior to commencement of on-site work and/ or off-site prefabrication. Figured dimension to be taken in preference to scaled dimensions. This drawing is copyright and remains the property of JHA Consulting Engineers. Reproduction in whole or part of these drawings without written consent constitutes an infringement of copyright.	

PLACE STOCKPILES MORE THAN 2 (PREFERABLY 5) METRES FROM EXISTING

VEGETATION, CONCENTRATED WATER FLOW, ROADS AND HAZARD AREAS.

WHERE THEY ARE TO BE IN PLACE FOR MORE THAN 10 DAYS, STABILISE FOLLOWING

DIVERT WATER AROUND STOCKPILES AND SEDIMENT FENCES (STANDARD DRAWING

THE APPROVED ESCP OR SWMP TO REDUCE THE C-FACTOR TO LESS THAN 0.10.

CONSTRUCT EARTH BANKS (STANDARD DRAWING 5-5) ON THE UPSLOPE SIDE TO

CONSTRUCT ON THE CONTOUR AS LOW, FLAT, ELONGATED MOUNDS.

SEDIMENT FENCE (SD6-8) -

SUGGESTED LOCATION. FINAL LOCATION TO

BE CONFIRMED BY SITE SUPER INTENDENT.

GUTTER RL 23.00

METAL

SEDIMENT FENCE -

FENCE

STOCK PILE (SD4-1)

STABILISE STOCKPILE SURFACE

**EARTH BANK** 

CONSTRUCTION NOTES:

METRES IN HEIGHT.

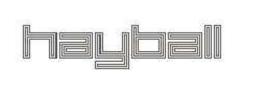
**STOCKPILES** 

6-8) 1 TO 2 METRES DOWNSLOPE.

INSTALL IN ACCORDANCE WITH DETAIL SD6-8

SYDNEY CATHOLIC EARLY CHILDHOOD SERVICES

SD 6-14





SD 5-5

SCECS HOLSWORTHY

HEATHCOTE ROAD. **HOLWSORTHY NSW 2173** 

**CIVIL SERVICES EROSION AND SEDIMENT** CONTOL PLAN & DETAILS

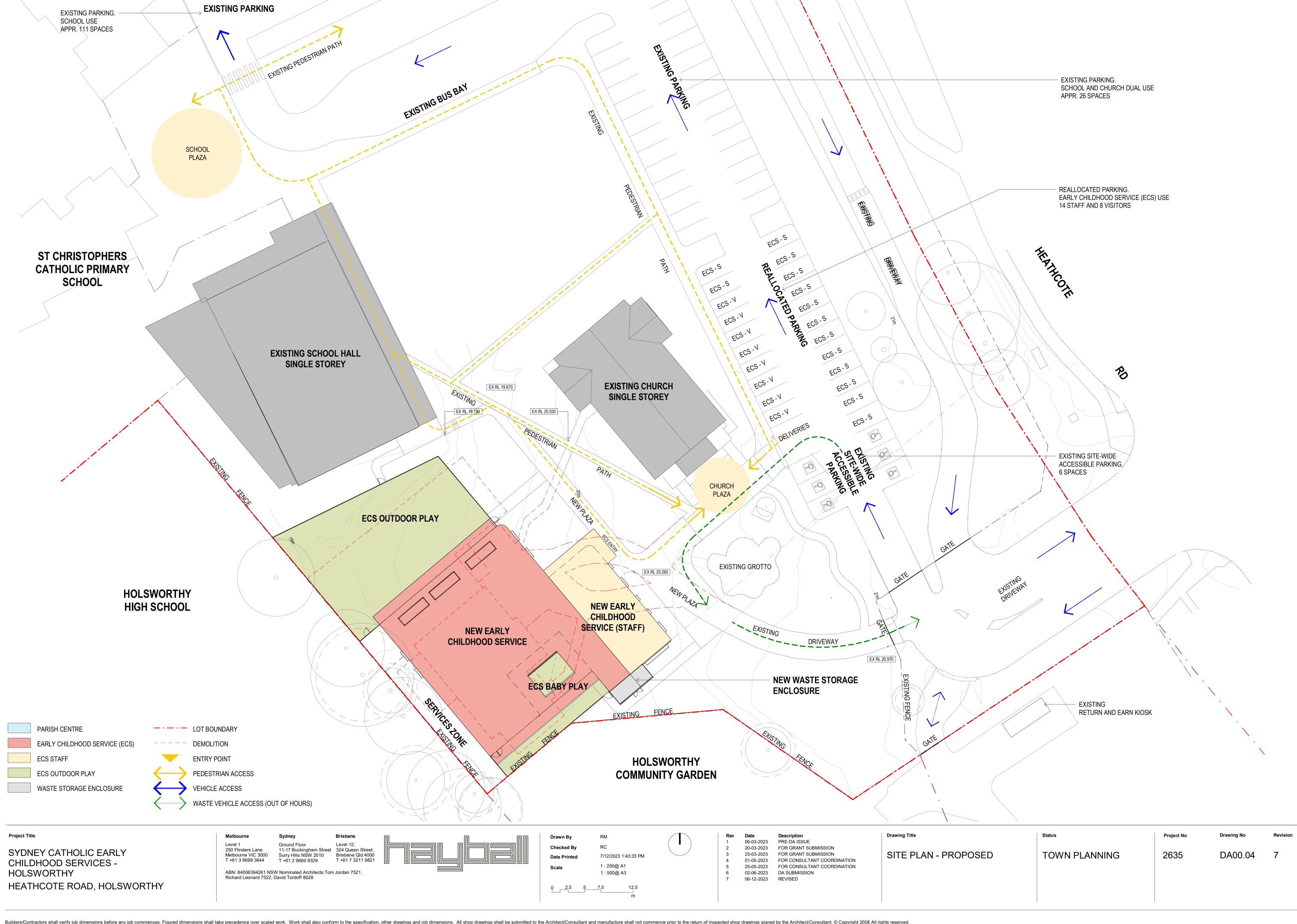
**DA ISSUE** NOT TO BE USED FOR CONSTRUCTION

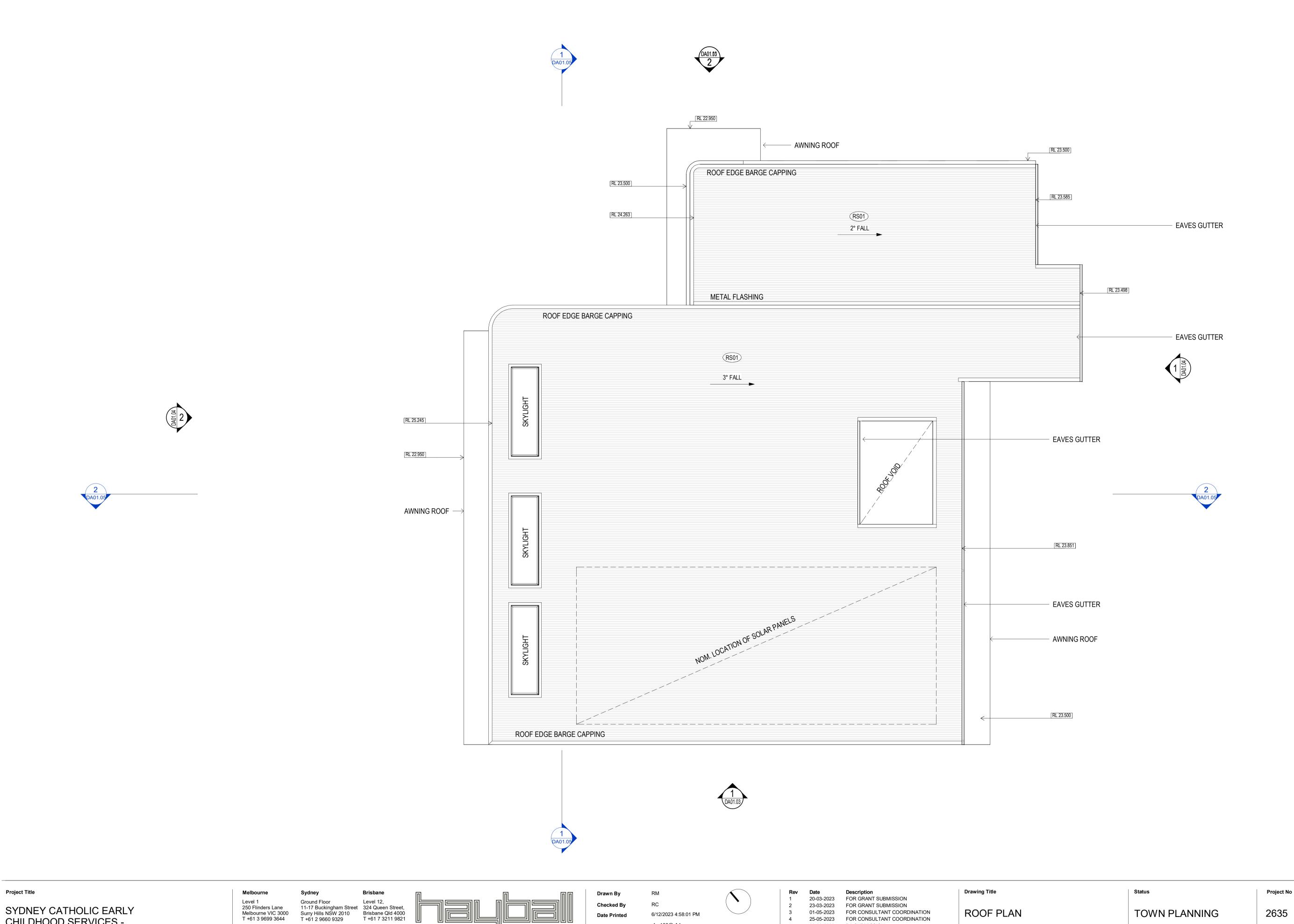
CHECKED M.B. **AS SHOWN** APPROVED M.B. CREATED MAY 2023 JOB No. DRAWING No.

C-DA500 P3

SD 4-1







CHILDHOOD SERVICES HOLSWORTHY
HEATHCOTE ROAD, HOLSWORTHY

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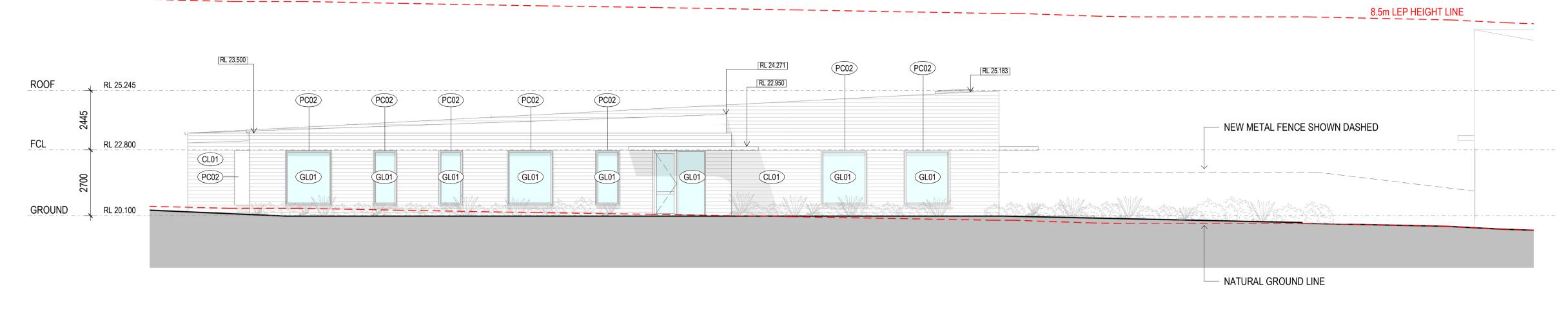
HEATHCOTE ROAD, HOLSWORTHY

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HEATHCOTE ROAD, HOLSWORTHY

DA01.02 6



2 ELEVATION - NORTH-EAST
DA01.01 1:100











LIGHTWEIGHT VERTICAL CLADDING SELECTION & COLOUR TBC



GL01 EXTERNAL GLAZING TO MEET SECTION J REQUIREMENTS AND ENHANCE OUTDOOR CONNECTIONS



PLY01 PLYWOOD INTERNAL WALL FINISHES



PC01 / RS01 ROOF SHEETING AND MATCHING TRIMS (INCLUDING GUTTERS, DOWNPIPES, AND

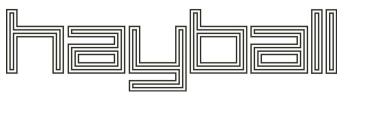
COLOUR TBC (TO MATCH WALLS)



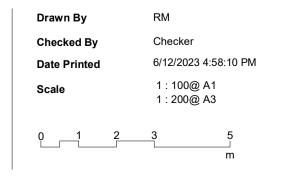
PC02 FOLDED ALUMINIUM WINDOW HOODS POWDERCOAT FINISH VARIOUS COLOURS

**Project Title** SYDNEY CATHOLIC EARLY CHILDHOOD SERVICES - HOLSWORTHY

HEATHCOTE ROAD, HOLSWORTHY



ABN: 84006394261 NSW Nominated Architects:Tom Jordan 7521,Richard Leonard 7522, David Tordoff 8028, Fiona Young 7014

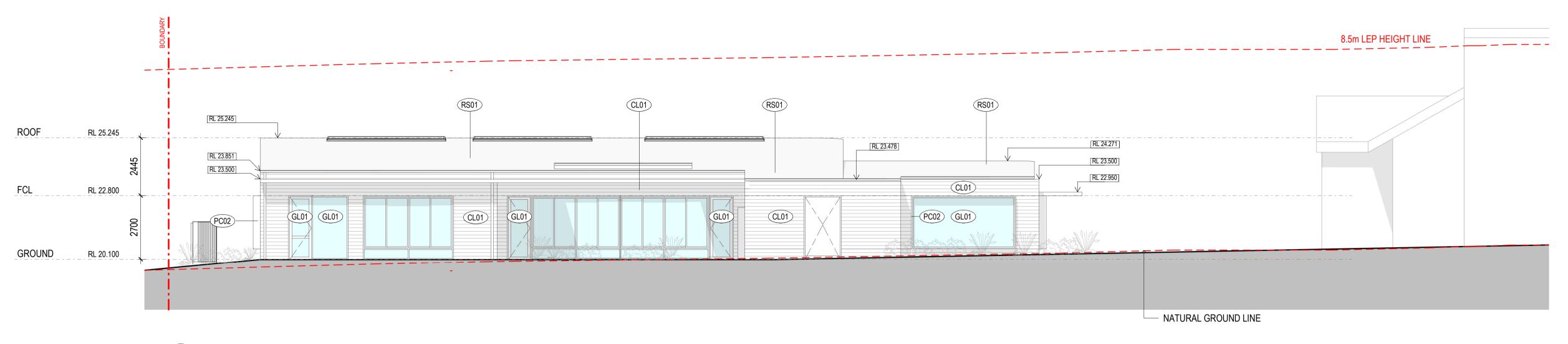


	<b>D</b>	B. and Marie
Rev	Date	Description
1	20-03-2023	FOR GRANT SUBMISSION
2	23-03-2023	FOR GRANT SUBMISSION
3	01-05-2023	FOR CONSULTANT COORDINATION
4	25-05-2023	FOR CONSULTANT COORDINATION
5	02-06-2023	DA SUBMISSION
6	06-12-2023	REVISED

Drawing Title
EXTERNAL ELEVATIONS 1

Project No 2635 TOWN PLANNING

DA01.03 6



1 ELEVATION - SOUTHEAST
1: 100



2 ELEVATION - NORTHWEST
DA01.01 1:100













CL01
LIGHTWEIGHT HORIZONTAL WEATHERBOARD CLADDING
SELECTION & COLOUR TBC

CL02
LIGHTWEIGHT VERTICAL CLADDING
SELECTION & COLOUR TBC

GL01
EXTERNAL GLAZING
TO MEET SECTION J REQUIREMENTS AND ENHANCE OUTDOOR CONNECTIONS

PLY01
PLYWOOD INTERNAL WALL FINISHES
& FURNITURE

PC01 / RS01

ROOF SHEETING AND MATCHING TRIMS (INCLUDING GUTTERS, DOWNPIPES, AND FLASHINGS)

COLOUR TBC (TO MATCH WALLS)

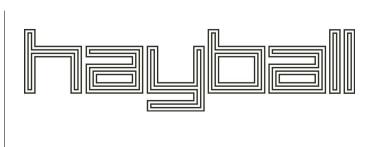
PC02
FOLDED ALUMINIUM WINDOW HOODS
POWDERCOAT FINISH
VARIOUS COLOURS

**Drawing Title** 

Project Title

SYDNEY CATHOLIC EARLY CHILDHOOD SERVICES - HOLSWORTHY

HEATHCOTE ROAD, HOLSWORTHY



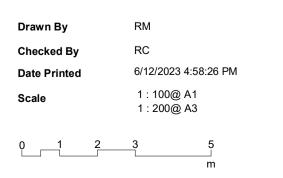
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 Sydney
 Brisbane
 Canberra

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 NSW Nominated Architects:Tom Jordan 7521,Richard Leonard 7522, David Tordoff 8028, Fiona Young 7014
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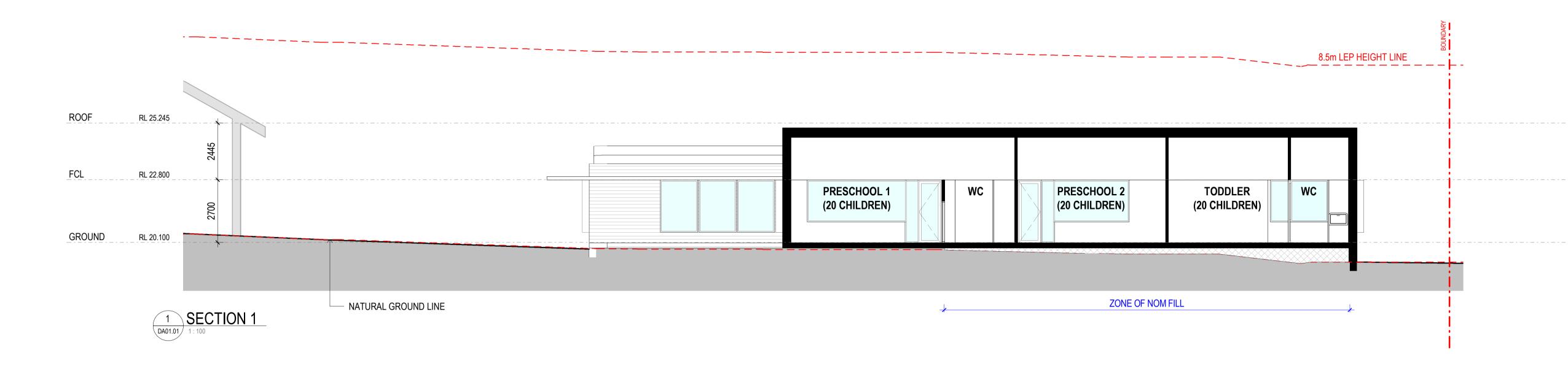
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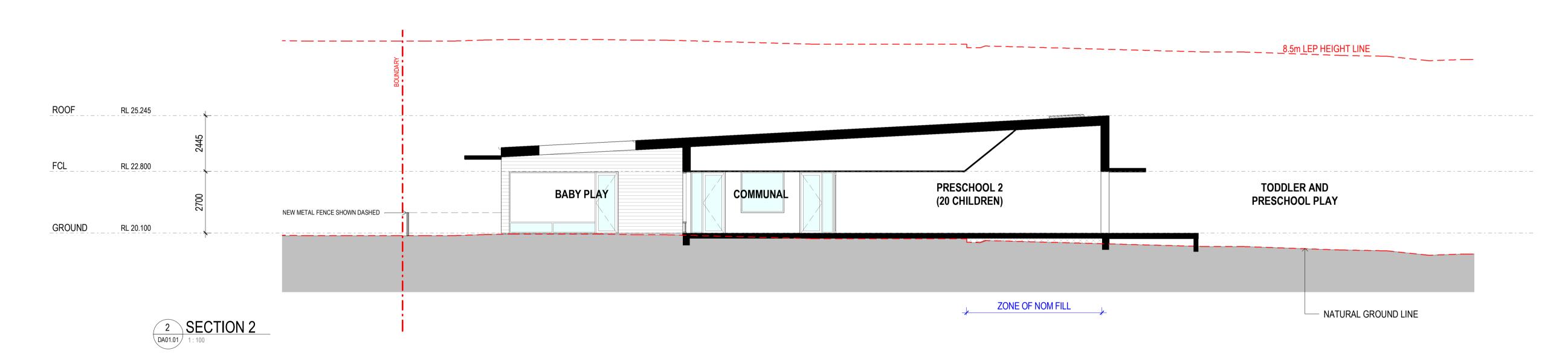
EXTERNAL ELEVATIONS 2

TOWN PLANNING 2635

Project No

DA01.04 6

















CL01
LIGHTWEIGHT HORIZONTAL WEATHERBOARD
CLADDING
SELECTION & COLOUR TBC

CL02
LIGHTWEIGHT VERTICAL CLADDING
SELECTION & COLOUR TBC

GL01
EXTERNAL GLAZING
TO MEET SECTION J REQUIREMENTS AND ENHANCE OUTDOOR CONNECTIONS

PLY01

PLYWOOD INTERNAL WALL FINISHES

PC01 / RS01

ROOF SHEETING AND MATCHING TRIMS (INCLUDING GUTTERS, DOWNPIPES, AND FLASHINGS)

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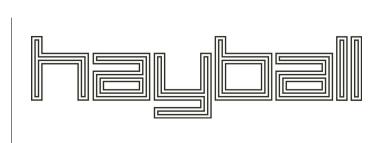
PC02
FOLDED ALUMINIUM WINDOW HOODS
POWDERCOAT FINISH

VARIOUS COLOURS

Project Title

SYDNEY CATHOLIC EARLY CHILDHOOD SERVICES - HOLSWORTHY

HEATHCOTE ROAD, HOLSWORTHY



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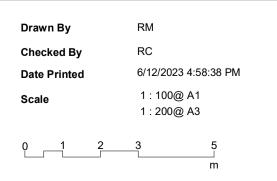
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 06-12-2023
 REVISED

SECTIONS 1

TOWN PLANNING

Project No Drawing No Revision

2635 DA01.05 6

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 before any job commence prior to the particular stage of services for which the Hayball has been commissioned only.

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