

**THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT DA2023/1708**

--- EXISTING ELEMENT TO BE DEMOLISHED  
 [Hatched Box] EXISTING BUILDING TO BE DEMOLISHED

Builders / Contractors shall verify all dimensions before any work commences. Dimensions shown are nominal. Figured dimensions shall take precedence over scaled dimensions. Any discrepancies are to be made known to the Architects / Designers studio prior to any works commencing on site. All shop drawings shall be submitted for review and manufacture shall not commence prior to the return of stamped shop drawings.

Rev	Date	Chkd	Issue
1	23/05/2024		AMENDED FOR COUNCIL

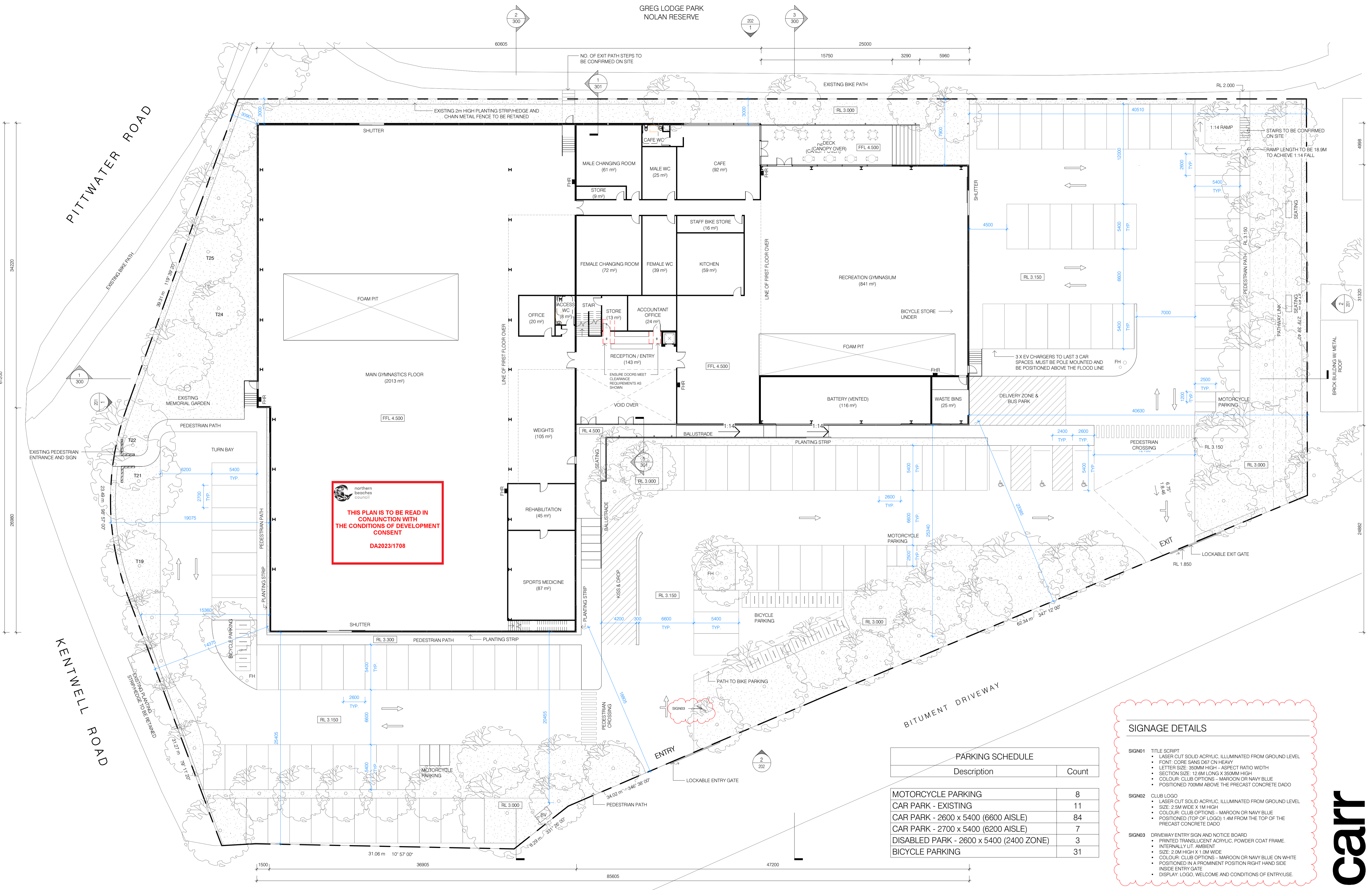
© Carr Architecture ABN 47 099 963 255  
 © Carr Interiors ABN 56 126 212 575



Project	MANLY WARRINGAH GYMNASIICS CLUB - CENTRE OF EXCELLENCE	Project No	21020
NO. 431 PITTWATER ROAD, NORTH MANLY			
Title	DEMOLITION PLAN		
Scale	@A1 1:200	Dwg No	004
Drawn By	Author	Date	Rev 1

Level 4  
 31 Flinders Lane  
 Melbourne VIC  
 3000 Australia  
 PO Box 18069  
 Collins Street East  
 Melbourne VIC  
 8003 Australia  
 +61 3 9665 2300  
 mel@carr.net.au  
 carr.net.au

**carr**



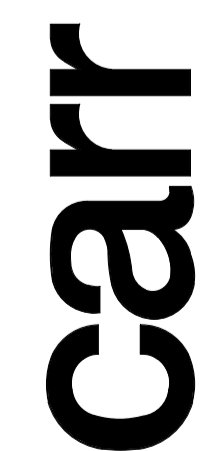
THIS PLAN IS TO BE READ IN  
 CONJUNCTION WITH  
 THE CONDITIONS OF DEVELOPMENT  
 CONSENT  
 DA2023/1708

PARKING SCHEDULE	
Description	Count
MOTORCYCLE PARKING	8
CAR PARK - EXISTING	11
CAR PARK - 2600 x 5400 (6600 AISLE)	84
CAR PARK - 2700 x 5400 (6200 AISLE)	7
DISABLED PARK - 2600 x 5400 (2400 ZONE)	3
BICYCLE PARKING	31

- ### SIGNAGE DETAILS
- SIGN01** TITLE SCRIPT
    - LASER CUT SOLID ACRYLIC, ILLUMINATED FROM GROUND LEVEL
    - FONT: CORE SANS D37 ON HEAVY
    - LETTER SIZE: 350MM HIGH - ASPECT RATIO WIDTH
    - SECTION SIZE: 12.6M LONG X 350MM HIGH
    - COLOR: CLUB OPTIONS - MAROON OR NAVY BLUE
    - POSITIONED 700MM ABOVE THE PRECAST CONCRETE DADO
  - SIGN02** CLUB LOGO
    - LASER CUT SOLID ACRYLIC, ILLUMINATED FROM GROUND LEVEL
    - SIZE: 2.0M WIDE X 1.0M HIGH
    - COLOR: CLUB OPTIONS - MAROON OR NAVY BLUE
    - POSITIONED (TOP OF LOGO) 1.4M FROM THE TOP OF THE PRECAST CONCRETE DADO
  - SIGN03** DRIVEWAY ENTRY SIGN AND NOTICE BOARD
    - PRINTED TRANSLUCENT ACRYLIC, POWDER COAT FRAME
    - INTERNALLY ILL. AMBIENT
    - SIZE: 2.0M HIGH X 1.0M WIDE
    - COLOR: CLUB OPTIONS - MAROON OR NAVY BLUE ON WHITE
    - POSITIONED IN A PROMINENT POSITION RIGHT HAND SIDE
    - INSIDE ENTRY GATE
    - DISPLAY: LOGO, WELCOME AND CONDITIONS OF ENTRY/USE

Rev	Date	Chkd	Issue
1	30/10/2023		ISSUED FOR DA
2	09/05/2024		AMENDED FOR COUNCIL AND PLANNERS
3	23/05/2024		AMENDED FOR COUNCIL

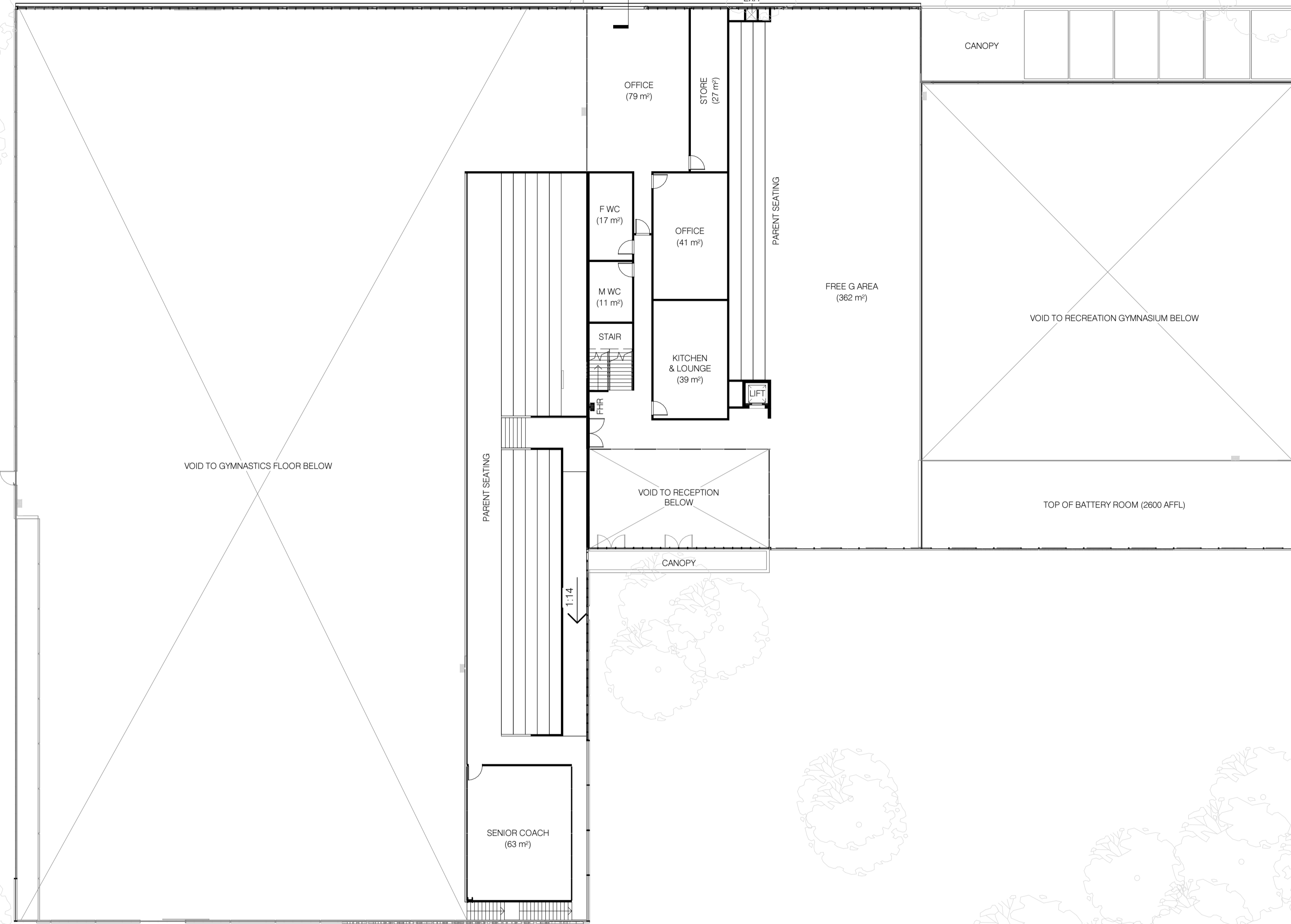
Project: MANLY WARRINGAH GYMNASIUMS CLUB - CENTRE OF EXCELLENCE Project No: 21020  
 NO. 431 PITTWATER ROAD, NORTH MANLY  
 Title: GROUND FLOOR - DIMENSIONED  
 Scale: @A1 As indicated Dwg No: 100D  
 Drawn By: Author Date: Rev: 3



PITTWATER ROAD

KENTWELL ROAD

BITUMENT DRIVEWAY



**THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT**  
DA2023/1708

BRICK BUILDING W/ METAL ROOF

1  
300

201

2  
300

1  
301

202  
1

3  
300

3  
201

2  
202

Rev	Date	Chkd	Issue
1	30/10/2023		ISSUED FOR DA
2	09/05/2024		AMENDED FOR COUNCIL AND PLANNERS
3	23/05/2024		AMENDED FOR COUNCIL

Project: MANLY WARRINGAH GYMNASIUMS CLUB - CENTRE OF EXCELLENCE Project No: 21020

NO. 431 PITTWATER ROAD, NORTH MANLY

Title: FIRST FLOOR

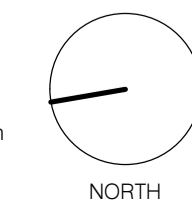
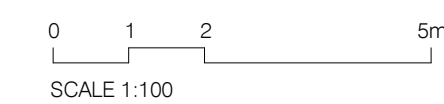
Scale @A1: 1:200

Dwg No: 101

Drawn By: Author

Date:

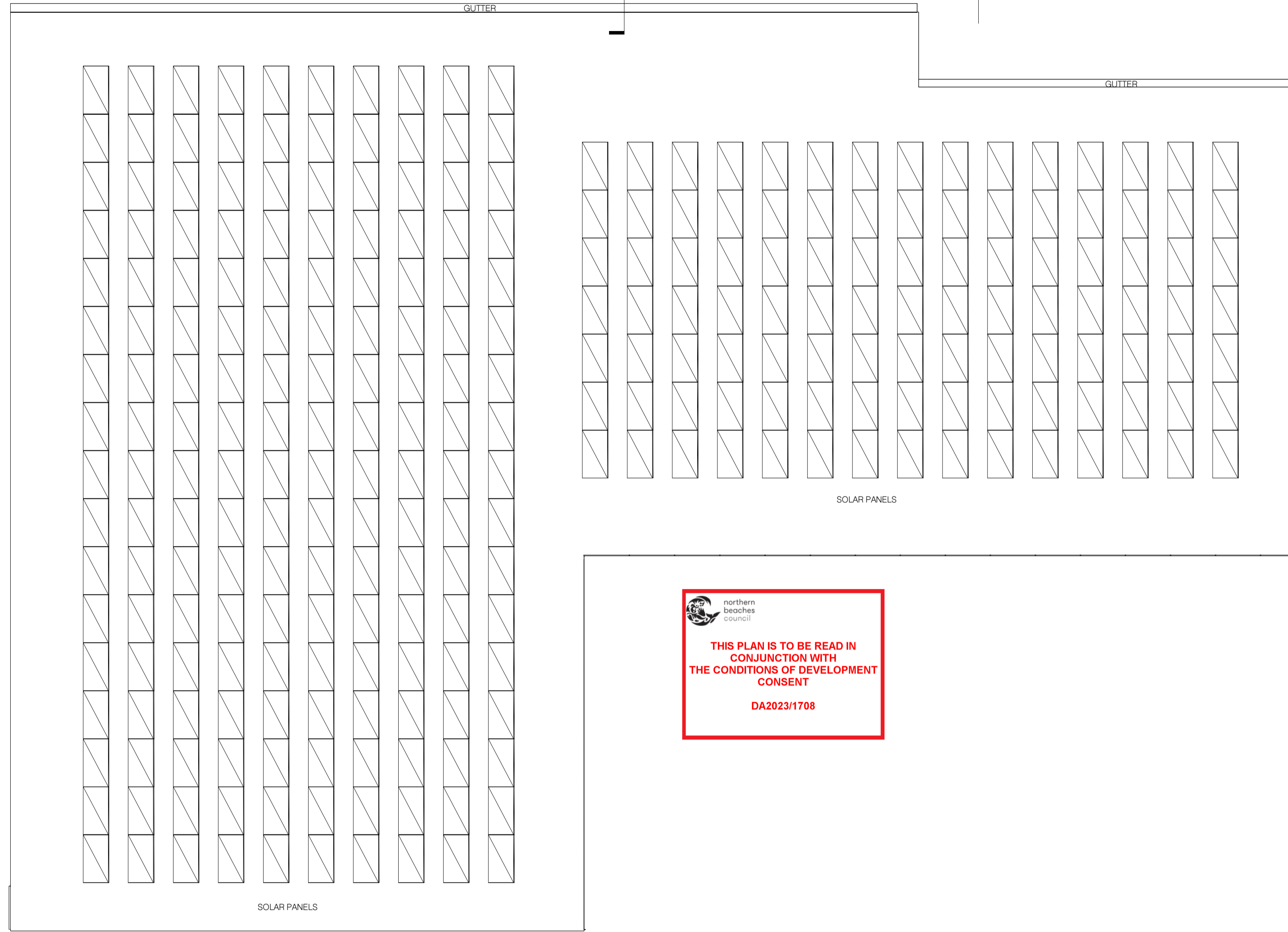
Rev: 3



PITTWATER ROAD

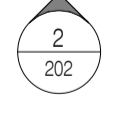
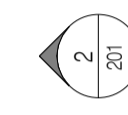
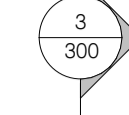
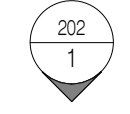
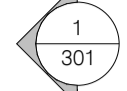
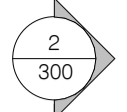
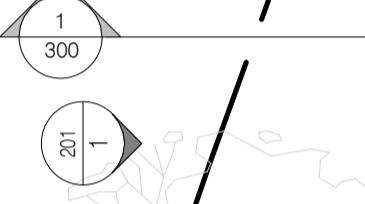
KENTWELL ROAD

BITUMENT DRIVEWAY

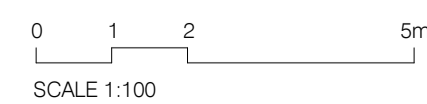


**northern beaches council**  
**THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT DA2023/1708**

BRICK GULLIES W/ METAL ROOF



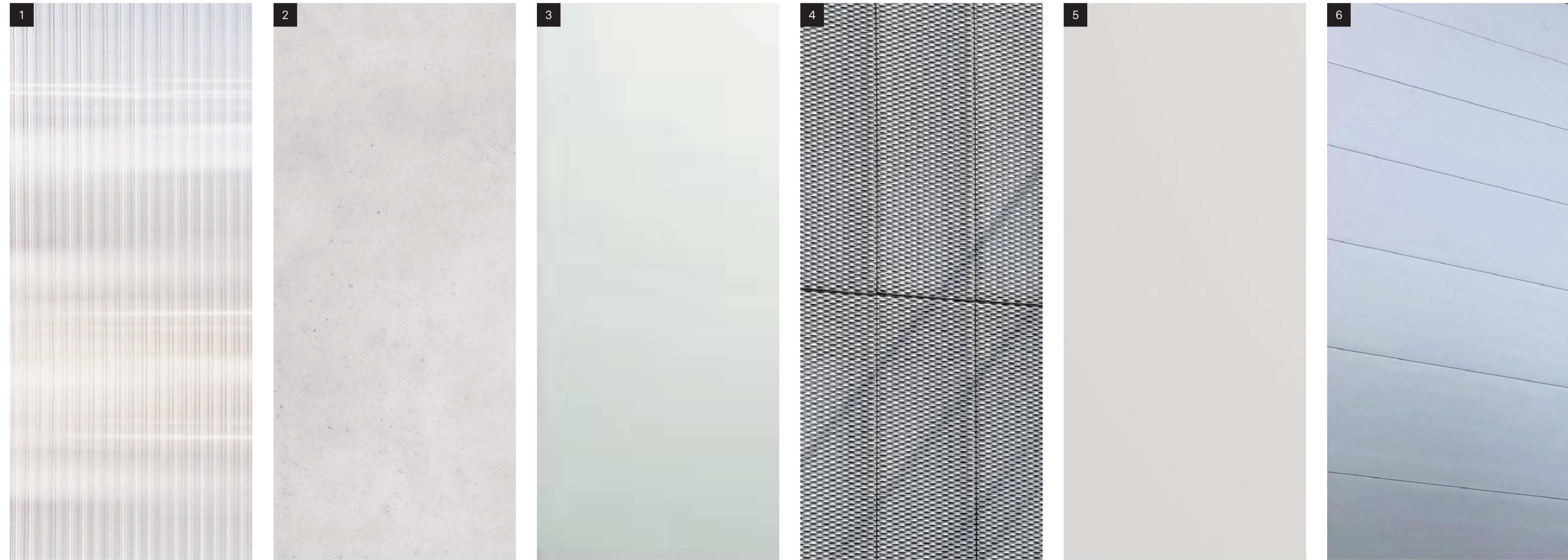
Rev	Date	Chkd	Issue
1	30/10/2023		ISSUED FOR DA
2	09/05/2024		AMENDED FOR COUNCIL AND PLANNERS
3	23/05/2024		AMENDED FOR COUNCIL




Project	MANLY WARRINGAH GYMNASTICS CLUB - CENTRE OF EXCELLENCE	Project No	21020
NO. 431 PITTWATER ROAD, NORTH MANLY			
Title	ROOF		
Scale @A1	1 : 200	Dwg No	102
Drawn By	Author	Date	Rev 3

# Architectural Response Materials

carr



- 1 Sunpal Multi Wall Panel - White Opal
- 2 Tilt Up Precast Concrete
- 3 Clear Glazing
- 4 Webforge expanded mesh
- 5 Light Grey Finished Metal
- 6 Delta Insulated Wall Panel


  
**THIS PLAN IS TO BE READ IN  
CONJUNCTION WITH  
THE CONDITIONS OF DEVELOPMENT  
CONSENT**
  
**DA2023/1708**

## 2.0 PROJECT VISION

Manly Warringah Gymnastics Club

carr

Rev	Date	Chkd	Issue
1	30/10/2023		ISSUED FOR DA
2	09/05/2024		AMENDED FOR COUNCIL AND PLANNERS
3	23/05/2024		AMENDED FOR COUNCIL

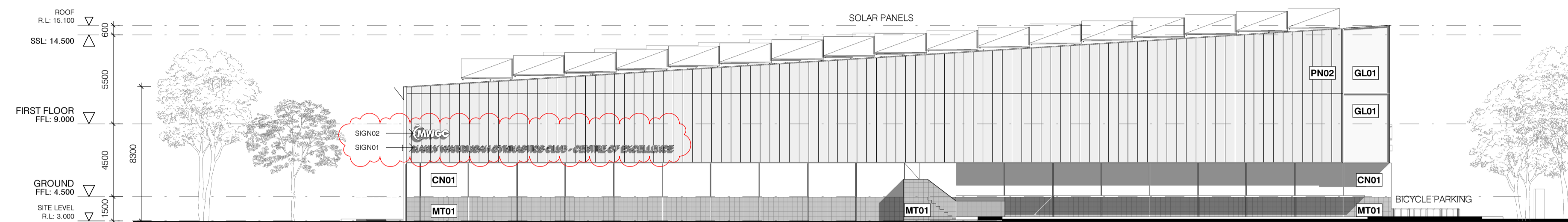
Project	MANLY WARRINGAH GYMNASTICS CLUB - CENTRE OF EXCELLENCE	Project No	21020
	NO. 431 PITTWATER ROAD, NORTH MANLY		
Title	MATERIAL PALETTE		
Scale	@A1	Dwg No	200
Drawn By	Author	Date	Rev 3

## MATERIALS

PN01	SUNPAL MULTI WALL PANEL - WHITE OPAL 18mm
PN02	DELTA SECRET FIX WALL PANEL - SURFMIST OR EQUIV.
CN01	PRECAST CONCRETE PANEL
PT01	PAINT FINISH - TO MATCH PRECAST CONCRETE
MT01	WEBFORGE EXPANDED MESH
MT02	COLORBOND STEEL - SURFMIST or EQUIVALENT
MT03	PAINTED METAL - TO MATCH COLORBOND
FN01	LIGHTWEIGHT FENCING - GREY/METAL FINISH
GL01	CLEAR GLAZING (LOW IRON)
RF01	DELTA TRIM - TPC ROOF PANEL - FINISH TO MATCH PN02

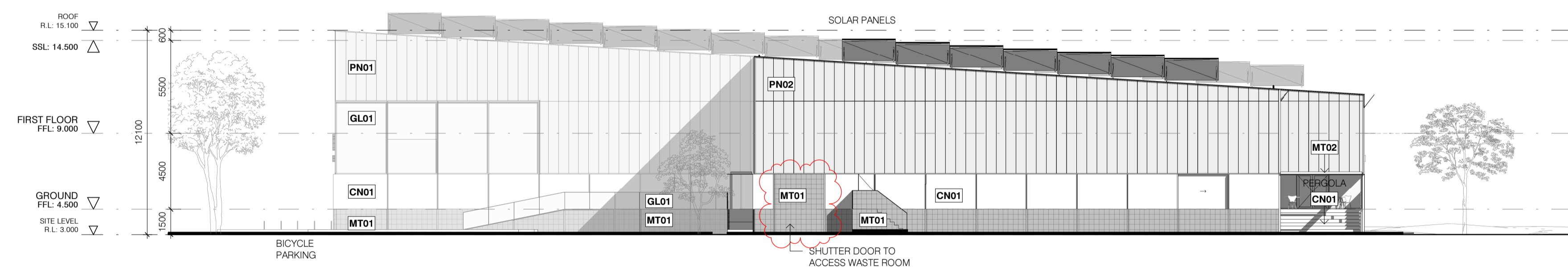
## SIGNAGE DETAILS

<b>SIGN01</b>	<p><b>TITLE SCRIPT</b></p> <ul style="list-style-type: none"> <li>LASER CUT SOLID ACRYLIC, ILLUMINATED FROM GROUND LEVEL</li> <li>FONT: CORE SANS D67 CN HEAVY</li> <li>LETTER SIZE: 350MM HIGH - ASPECT RATIO WIDTH</li> <li>SECTION SIZE: 12.6M LONG X 350MM HIGH</li> <li>COLOR: CLUB OPTIONS - MAROON OR NAVY BLUE</li> <li>POSITIONED 700MM ABOVE THE PRECAST CONCRETE DADO</li> </ul>
<b>SIGN02</b>	<p><b>CLUB LOGO</b></p> <ul style="list-style-type: none"> <li>LASER CUT SOLID ACRYLIC, ILLUMINATED FROM GROUND LEVEL</li> <li>SIZE: 2.5M WIDE X 1M HIGH</li> <li>COLOR: CLUB OPTIONS - MAROON OR NAVY BLUE</li> <li>POSITIONED (TOP OF LOGO) 1.4M FROM THE TOP OF THE PRECAST CONCRETE DADO</li> </ul>
<b>SIGN03</b>	<p><b>DRIVEWAY ENTRY SIGN AND NOTICE BOARD</b></p> <ul style="list-style-type: none"> <li>PRINTED TRANSLUCENT ACRYLIC, POWDER COAT FRAME</li> <li>INTERNALLY LIT, AMBIENT</li> <li>SIZE: 2.0M HIGH X 1.0M WIDE</li> <li>COLOR: CLUB OPTIONS - MAROON OR NAVY BLUE ON WHITE</li> <li>POSITIONED IN A PROMINENT POSITION RIGHT HAND SIDE INSIDE ENTRY GATE</li> <li>DISPLAY: LOGO, WELCOME AND CONDITIONS OF ENTRY/USE.</li> </ul>



1 NORTH ELEVATION  
201 SCALE 1:200

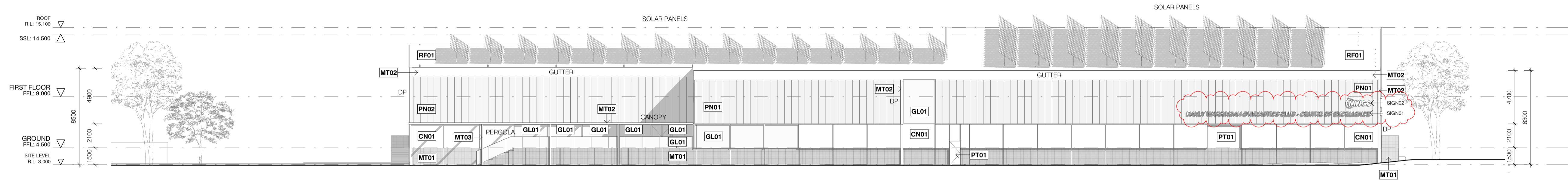

  
 THIS PLAN IS TO BE READ IN  
 CONJUNCTION WITH  
 THE CONDITIONS OF DEVELOPMENT  
 CONSENT  
  
 DA2023/1708



2 SOUTH ELEVATION  
201 SCALE 1:200

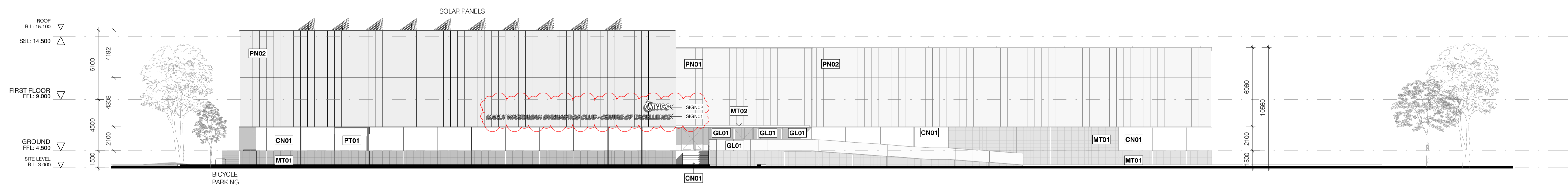
Rev	Date	Chkd	Issue
1	30/10/2023		ISSUED FOR DA
2	09/05/2024		AMENDED FOR COUNCIL AND PLANNERS
3	23/05/2024		AMENDED FOR COUNCIL

Project	MANLY WARRINGAH GYMNASTICS CLUB - CENTRE OF EXCELLENCE	Project No	21020
	NO. 431 PITTWATER ROAD, NORTH MANLY		
Title	ELEVATIONS		
Scale @A1	As indicated	Dwg No	201
Drawn By	Author	Date	Rev 3



1 EAST ELEVATION  
202 SCALE 1 : 200


  
 THIS PLAN IS TO BE READ IN  
 CONJUNCTION WITH  
 THE CONDITIONS OF DEVELOPMENT  
 CONSENT  
  
 DA2023/1708



2 WEST ELEVATION  
202 SCALE 1 : 200

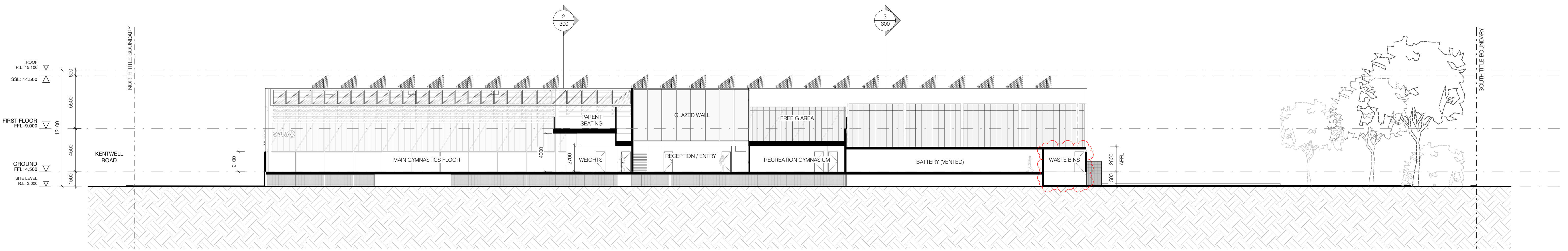
#### MATERIALS

- PN01 SUNPAL MULTI WALL PANEL - WHITE OPAL 18mm
- PN02 DELTA SECRET FIX WALL PANEL - SURFMIST OR EQUIV.
- CN01 PRECAST CONCRETE PANEL
- PT01 PAINT FINISH - TO MATCH PRECAST CONCRETE
- MT01 WEBFORGE EXPANDED MESH
- MT02 COLORBOND STEEL - SURFMIST OR EQUIVALENT
- MT03 PAINTED METAL - TO MATCH COLORBOND
- FN01 LIGHTWEIGHT FENCING - GREY/METAL FINISH
- GL01 CLEAR GLAZING (LOW IRON)
- RF01 DELTA TRIM - TPC ROOF PANEL - FINISH TO MATCH PN02

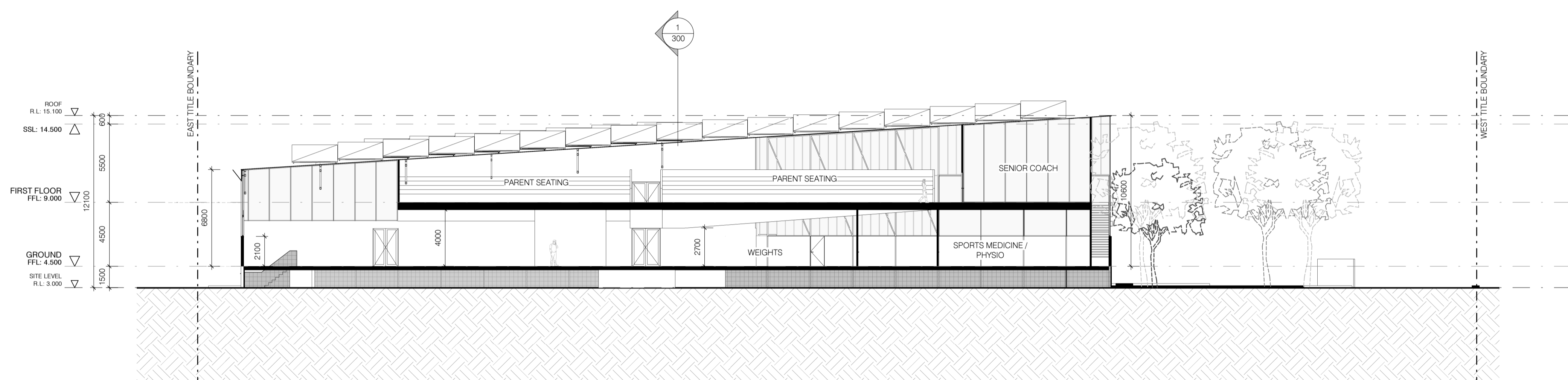
#### SIGNAGE DETAILS

- SIGN01 TITLE SCRIPT
  - LASER CUT SOLID ACRYLIC, ILLUMINATED FROM GROUND LEVEL
  - FONT: CORE SANS D67 ON HEAVY
  - LETTER SIZE: 350MM HIGH - ASPECT RATIO WIDTH
  - SECTION SIZE: 12.5M LONG X 350MM HIGH
  - COLOUR: CLUB OPTIONS - MAROON OR NAVY BLUE
  - POSITIONED 700MM ABOVE THE PRECAST CONCRETE DADO
- SIGN02 CLUB LOGO
  - LASER CUT SOLID ACRYLIC, ILLUMINATED FROM GROUND LEVEL
  - SIZE: 2.5M WIDE X 1M HIGH
  - COLOUR: CLUB OPTIONS - MAROON OR NAVY BLUE
  - POSITIONED (TOP OF LOGO) 1.4M FROM THE TOP OF THE PRECAST CONCRETE DADO
- SIGN03 DRIVEWAY ENTRY SIGN AND NOTICE BOARD
  - PRINTED TRANSLUCENT ACRYLIC, POWDER COAT FRAME.
  - INTERNALLY LIT. AMBIENT
  - SIZE: 2.0M HIGH X 1.0M WIDE
  - COLOUR: CLUB OPTIONS - MAROON OR NAVY BLUE ON WHITE
  - POSITIONED IN A PROMINENT POSITION RIGHT HAND SIDE INSIDE ENTRY GATE
  - DISPLAY: LOGO, WELCOME AND CONDITIONS OF ENTRY USE.

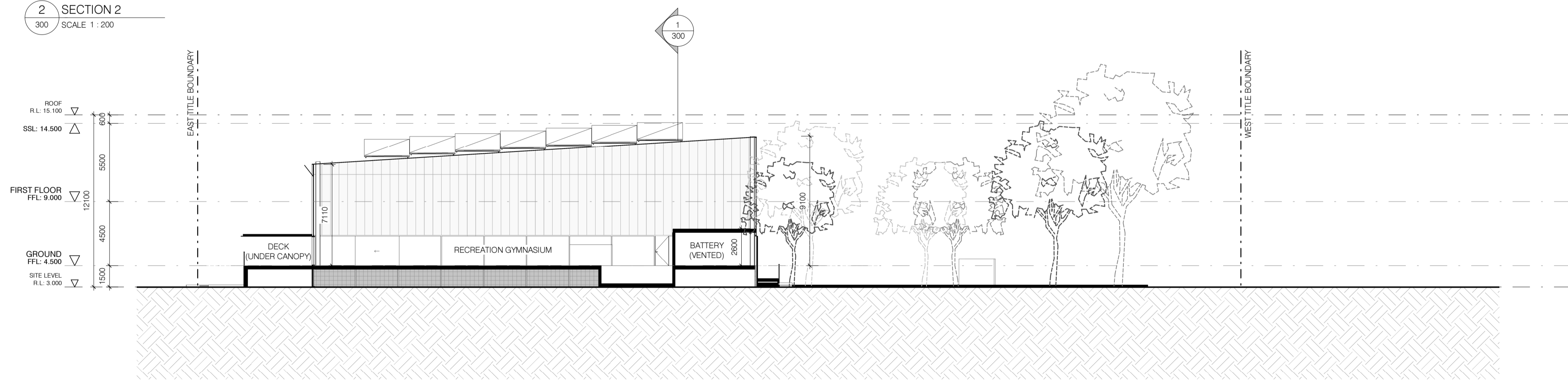
Project		MANLY WARRINGAH GYMNASIICS CLUB - CENTRE OF EXCELLENCE		Project No	21020
Title		ELEVATIONS			
Scale	@A1 As indicated	Dwg No	202		
Drawn By	Author	Date	Rev	3	



1 SECTION 1  
300 SCALE 1 : 200



2 SECTION 2  
300 SCALE 1 : 200



3 SECTION 3  
300 SCALE 1 : 200


  
**THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT**
  
 DA2023/1708

Builders / Contractors shall verify all dimensions before any work commences. Dimensions shown are nominal. Figured dimensions shall take precedence over scaled dimensions. Any discrepancies are to be made known to the Architects / Designers studio prior to any works commencing on site. All shop drawings shall be submitted for review and manufacture shall not commence prior to the return of stamped shop drawings.

© Carr Architecture ABN 47 099 963 255  
© Carr Interiors ABN 56 126 212 975

Rev	Date	Chkd	Issue
1	30/10/2023		ISSUED FOR DA
2	09/05/2024		AMENDED FOR COUNCIL AND PLANNERS
3	23/05/2024		AMENDED FOR COUNCIL

Project	MANLY WARRINGAH GYMNASIUM CLUB - CENTRE OF EXCELLENCE	Project No	21020
	NO. 431 PITTSWATER ROAD, NORTH MANLY		
Title	SECTIONS		
Scale @A1	1 : 200	Dwg No	300
Drawn By	Author	Date	Rev 3

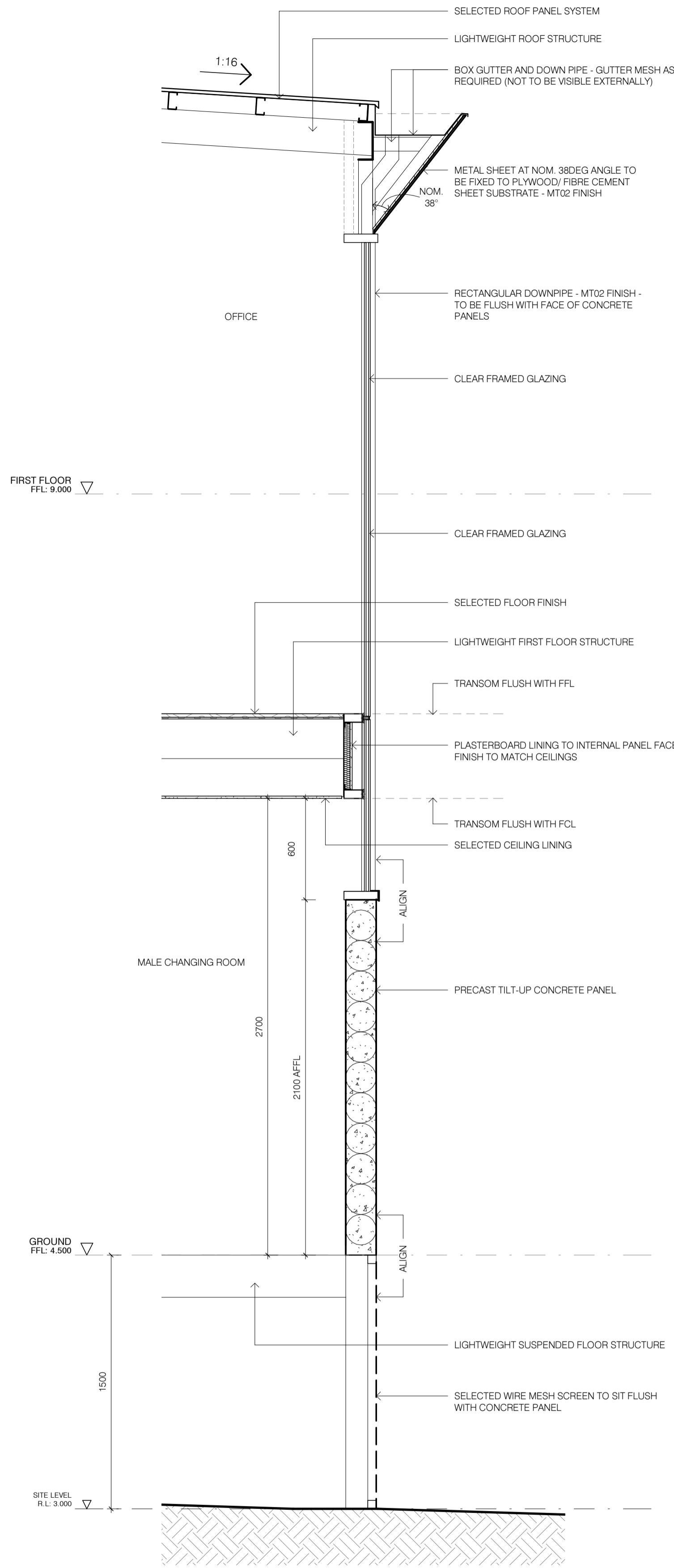
Level 4  
31 Finders Lane  
Melbourne VIC  
3000 Australia

PO Box 18069  
Collins Street East  
Melbourne VIC  
8003 Australia

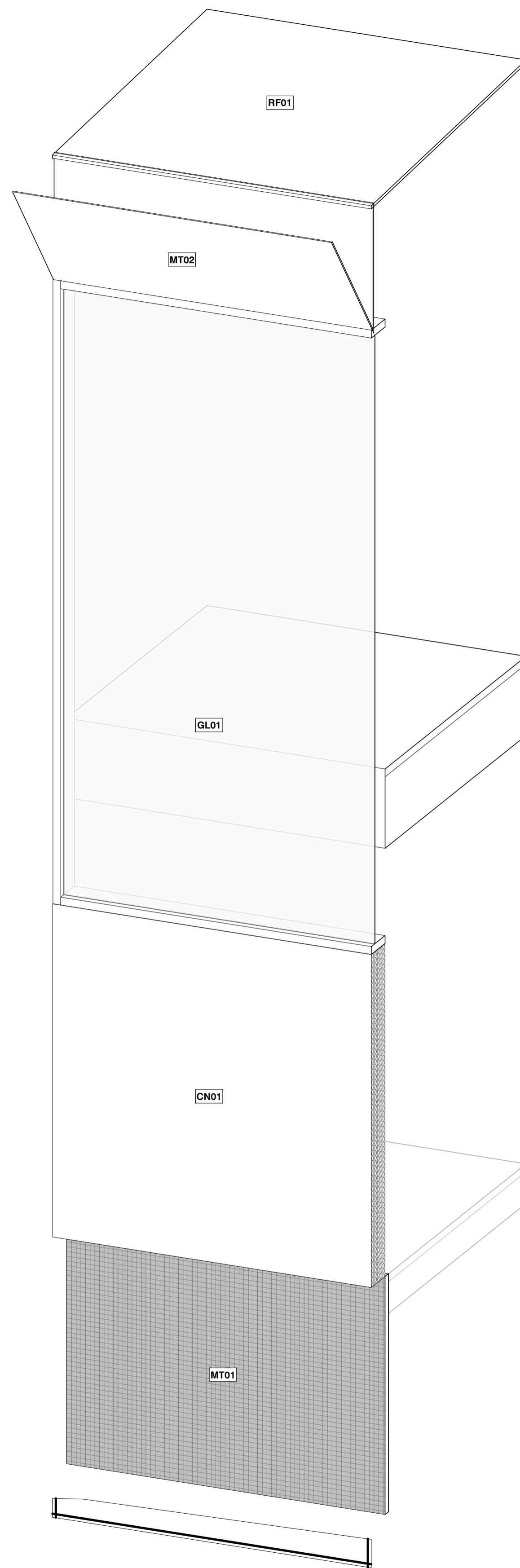
+61 3 9665 2300  
me@carr.net.au  
carr.net.au

**carr**

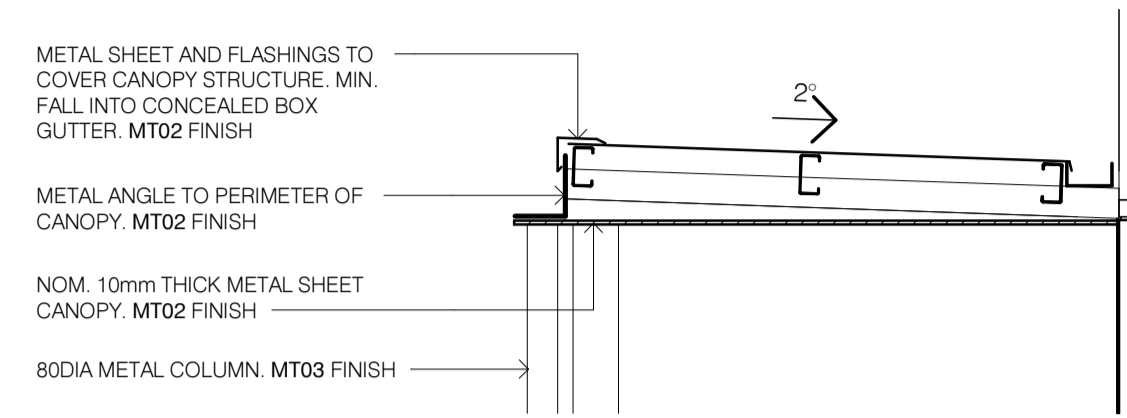




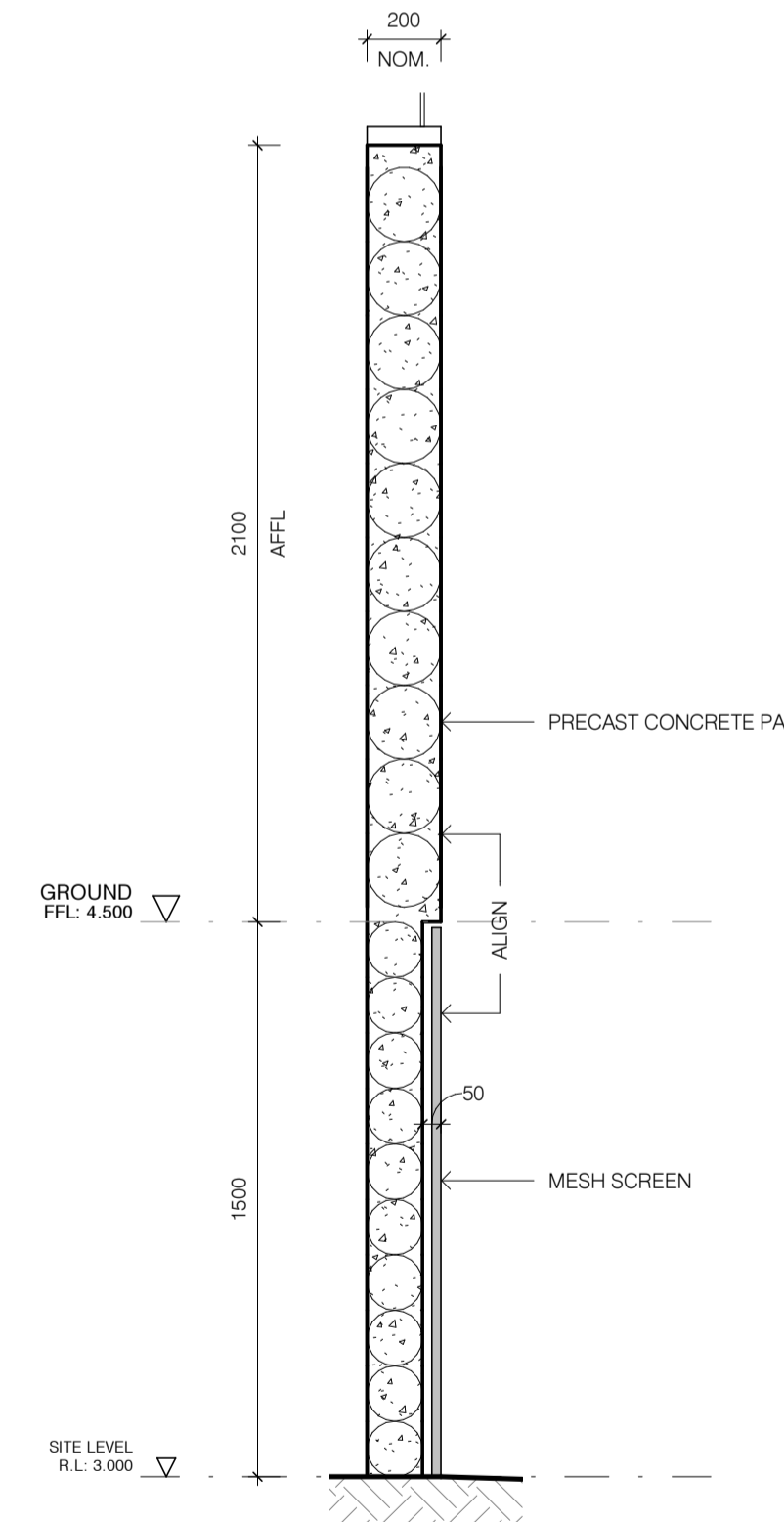
1 SECTION DETAIL  
301 SCALE 1 : 20



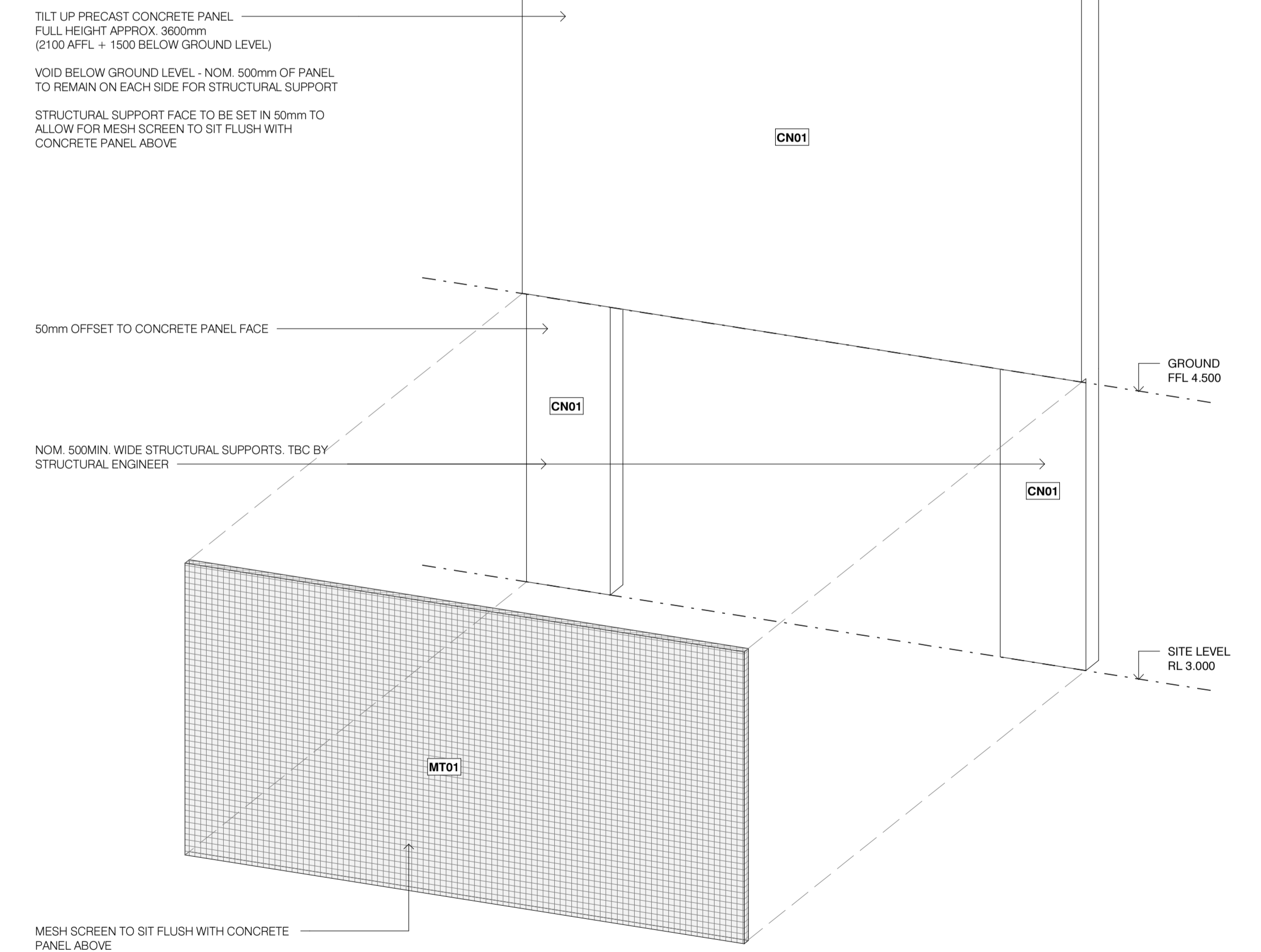
2 SECTION DETAIL - 3D VIEW  
301 SCALE



5 TYPICAL CANOPY SECTION DETAIL  
301 SCALE 1 : 20



3 PRECAST PANEL AND MESH SCREEN SECTION DETAIL  
301 SCALE 1 : 20



4 PRECAST PANEL AND MESH SCREEN - 3D VIEW  
301 SCALE

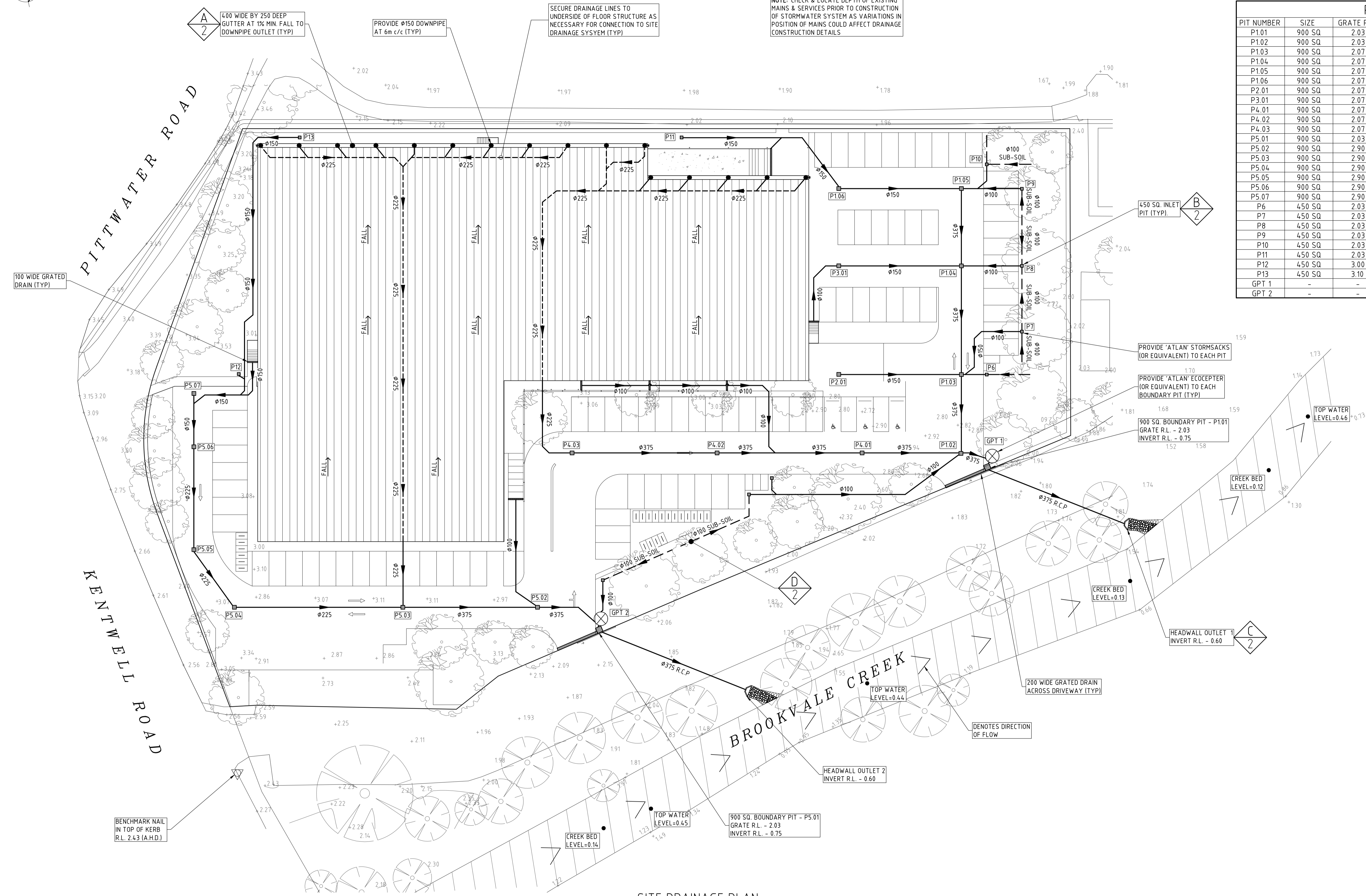
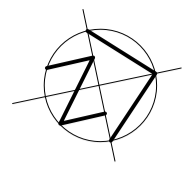
MATERIALS

- PN01 SUNPAL MULTI WALL PANEL - WHITE OPAL 18mm
- PN02 DELTA SECRET FIX WALL PANEL - SURFMIST OR EQUIV.
- CN01 PRECAST CONCRETE PANEL
- PT01 PAINT FINISH - TO MATCH PRECAST CONCRETE
- MT01 WEBFORGE EXPANDED MESH
- MT02 COLORBOND STEEL - SURFMIST or EQUIVALENT
- MT03 PAINTED METAL - TO MATCH COLORBOND
- FN01 LIGHTWEIGHT FENCING - GREY/METAL FINISH
- GL01 CLEAR GLAZING (LOW IRON)
- RF01 DELTA TRIM - TPC ROOF PANEL - FINISH TO MATCH PN02



Rev	Date	Chkd	Issue
1	30/10/2023		ISSUED FOR DA
2	09/05/2024		AMENDED FOR COUNCIL AND PLANNERS
3	23/05/2024		AMENDED FOR COUNCIL

Project	MANLY WARRINGAH GYMNASIUMS CLUB - CENTRE OF EXCELLENCE	Project No	21020
	NO. 431 PITTSWATER ROAD, NORTH MANLY		
Title	SECTION DETAILS		
Scale	@A1 As indicated	Dwg No	301
Drawn By	Author	Date	Rev 3



PIT SCHEDULE					
PIT NUMBER	SIZE	GRATE R.L.	INVERT R.L.	TYPE	POLLUTION CONTROL
P1.01	900 SQ	2.03	0.75	INLET PIT	STORMSACK
P1.02	900 SQ	2.03	0.80	INLET PIT	STORMSACK
P1.03	900 SQ	2.07	0.85	INLET PIT	STORMSACK
P1.04	900 SQ	2.07	1.00	INLET PIT	STORMSACK
P1.05	900 SQ	2.07	1.14	INLET PIT	STORMSACK
P1.06	900 SQ	2.07	1.26	INLET PIT	STORMSACK
P2.01	900 SQ	2.07	1.00	INLET PIT	STORMSACK
P3.01	900 SQ	2.07	1.12	INLET PIT	STORMSACK
P4.01	900 SQ	2.07	0.90	INLET PIT	STORMSACK
P4.02	900 SQ	2.07	1.10	INLET PIT	STORMSACK
P4.03	900 SQ	2.07	1.30	INLET PIT	STORMSACK
P5.01	900 SQ	2.03	0.75	INLET PIT	STORMSACK
P5.02	900 SQ	2.90	1.21	INLET PIT	STORMSACK
P5.03	900 SQ	2.90	1.46	INLET PIT	STORMSACK
P5.04	900 SQ	2.90	1.67	INLET PIT	STORMSACK
P5.05	900 SQ	2.90	1.76	INLET PIT	STORMSACK
P5.06	900 SQ	2.90	2.00	INLET PIT	STORMSACK
P5.07	900 SQ	2.90	2.10	INLET PIT	STORMSACK
P6	450 SQ	2.03	1.43	INLET PIT	STORMSACK
P7	450 SQ	2.03	1.43	INLET PIT	STORMSACK
P8	450 SQ	2.03	1.43	INLET PIT	STORMSACK
P9	450 SQ	2.03	1.43	INLET PIT	STORMSACK
P10	450 SQ	2.03	1.43	INLET PIT	STORMSACK
P11	450 SQ	2.03	1.43	INLET PIT	STORMSACK
P12	450 SQ	3.00	2.40	INLET PIT	STORMSACK
P13	450 SQ	3.10	2.70	INLET PIT	STORMSACK
GPT 1	-	-	-	-	ECOCEPTER
GPT 2	-	-	-	-	ECOCEPTER

**SITE DRAINAGE PLAN**  
 SCALE 1:300  
 NOTE: PROVIDE 'ATLAN' STORMSACKS (OR EQUIVALENT) TO EACH INLET PIT

STORMWATER SYSTEM DESIGN DATA	
SITE DATA	
SITE AREA = 10,240 m <sup>2</sup> (100%)	PROPOSED IMPERVIOUS AREA = 8,333 m <sup>2</sup> (81.4%)
PROPOSED LANDSCAPED AREA = 1,907 m <sup>2</sup> (18.6%)	

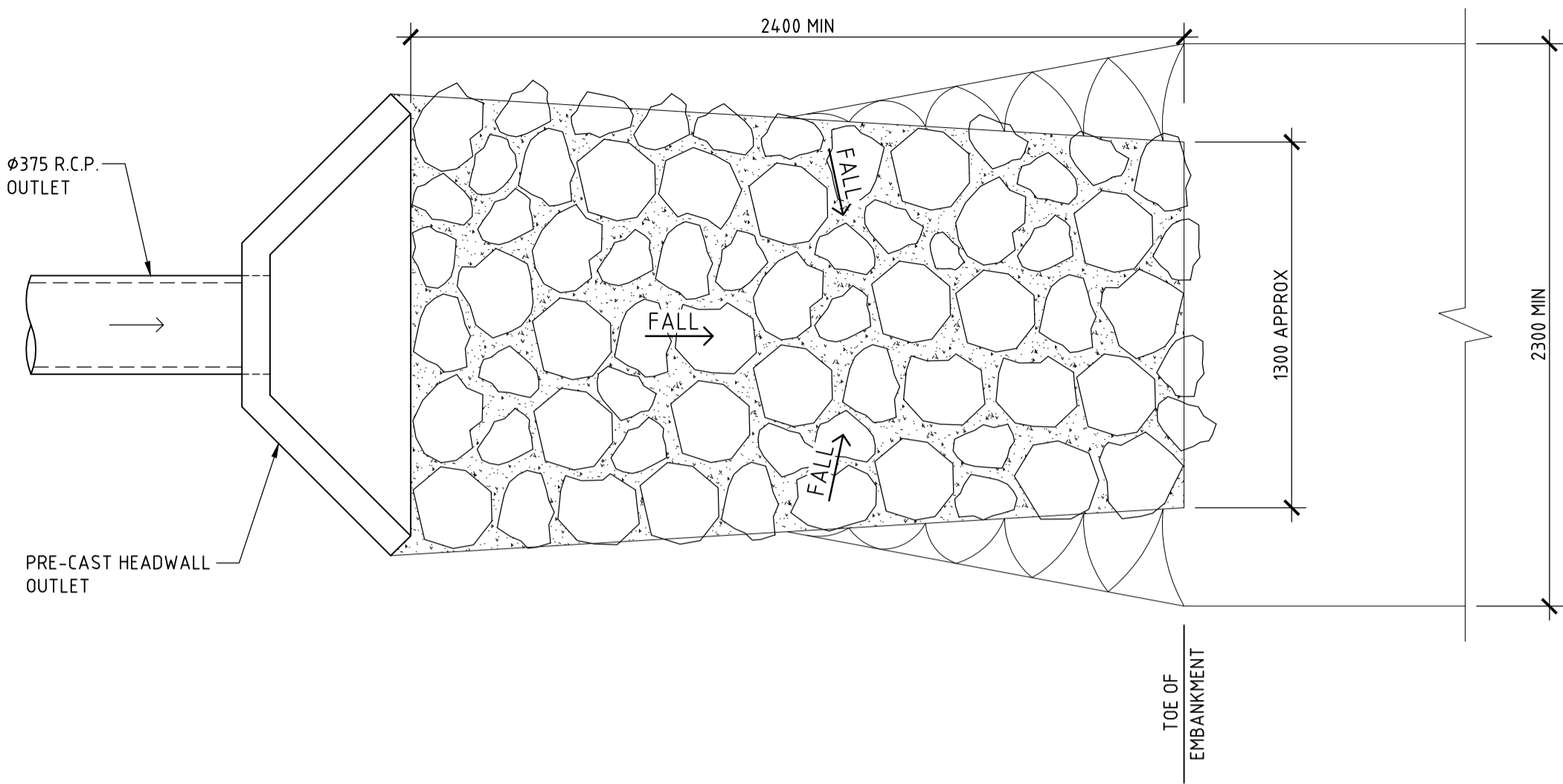
THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT  
 DA2023/1708

ISSUE DATE	REVISION
9 APRIL 2024	HEADWALL LOCATIONS UPDATED

TITLE <b>STORMWATER MANAGEMENT PLAN</b> 431 PITWATER ROAD, NORTH MANLY			
DRAWN JBP	DATE 03 NOVEMBER 2023	CHECKED <i>[Signature]</i>	SCALE @ A1 1:300
ENGINEER RB	BE Civil (Hons) MIE Aust.		

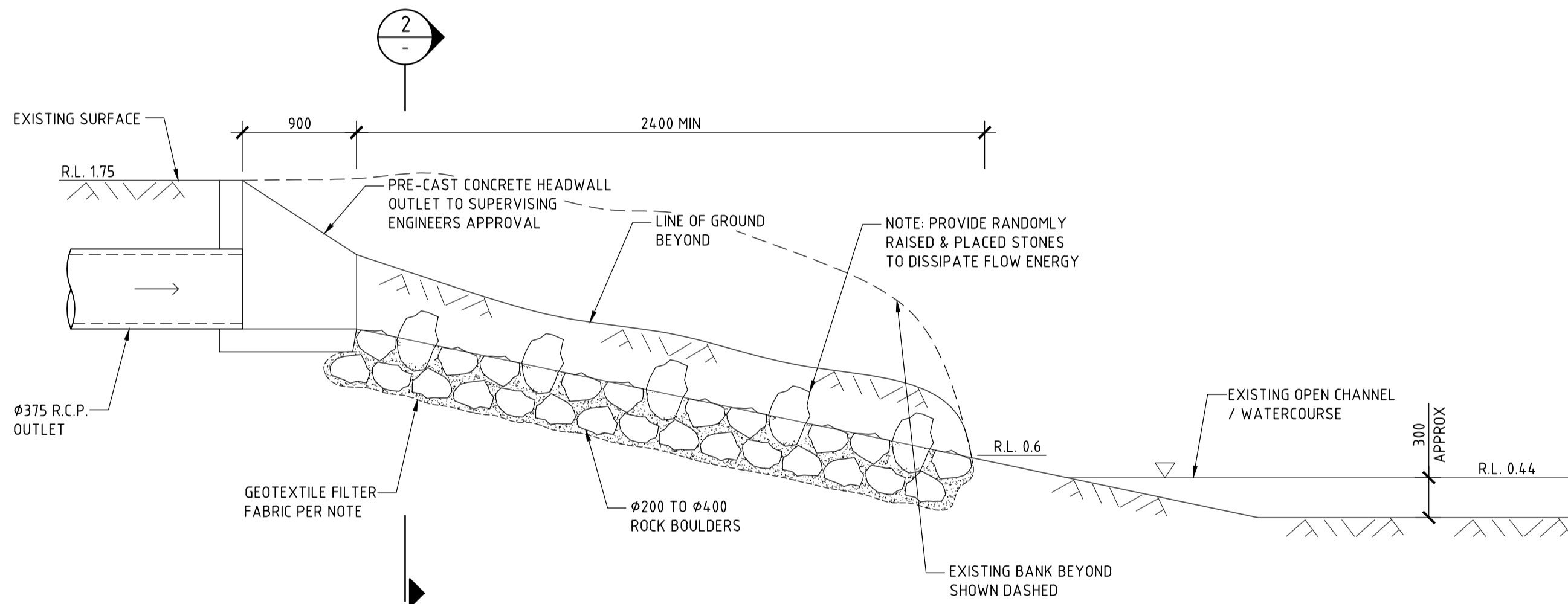
DRAWING NO. STORM-1/A

TAYLOR CONSULTING  
CIVIL & STRUCTURAL ENGINEERS

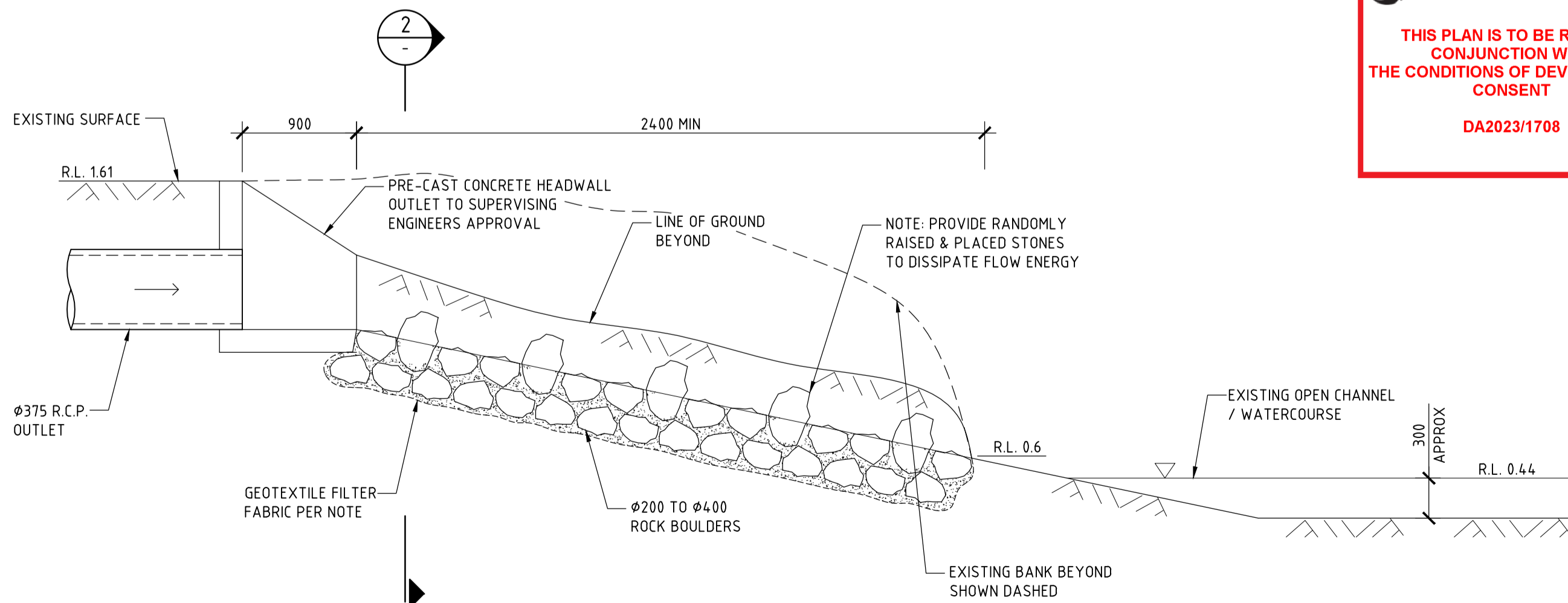


HEADWALL OUTLET & SCOUR PROTECTION - PLAN VIEW

DETAIL C  
SCALE 120

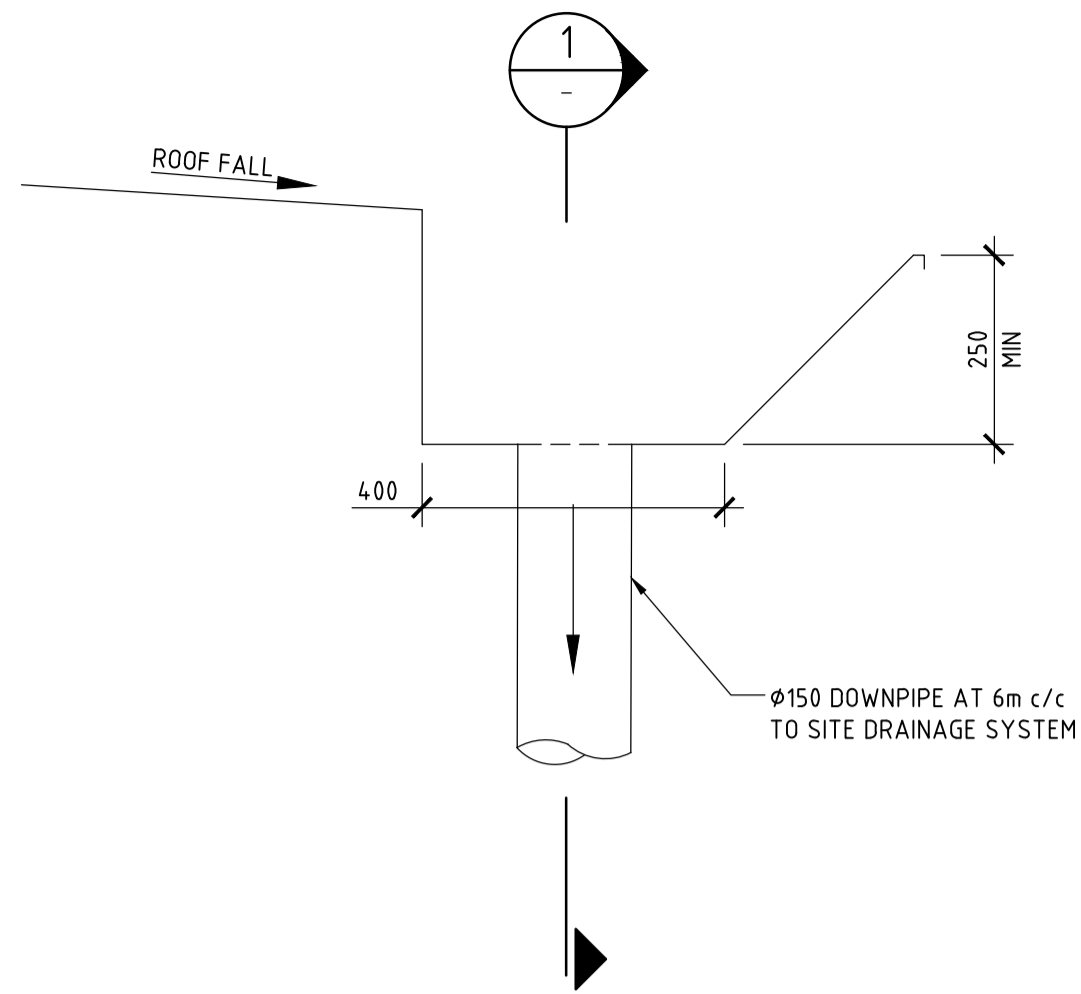


HEADWALL OUTLET & SCOUR PROTECTION - SECTION VIEW  
SCALE 1:20  
SHOWING HEADWALL OUTLET 1

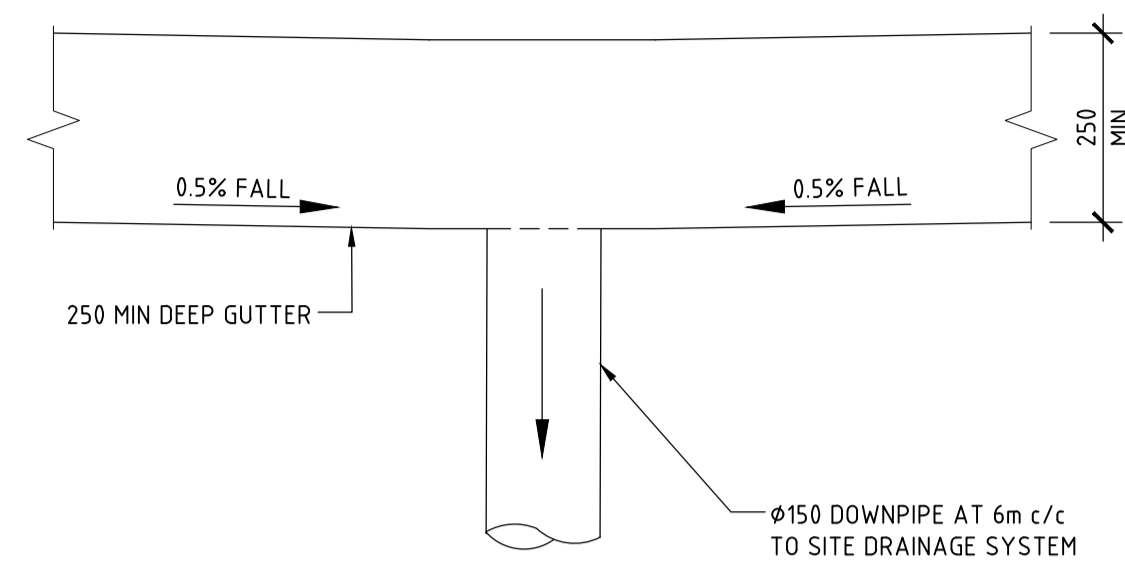


HEADWALL OUTLET & SCOUR PROTECTION - SECTION VIEW  
SCALE 1:20  
SHOWING HEADWALL OUTLET 2

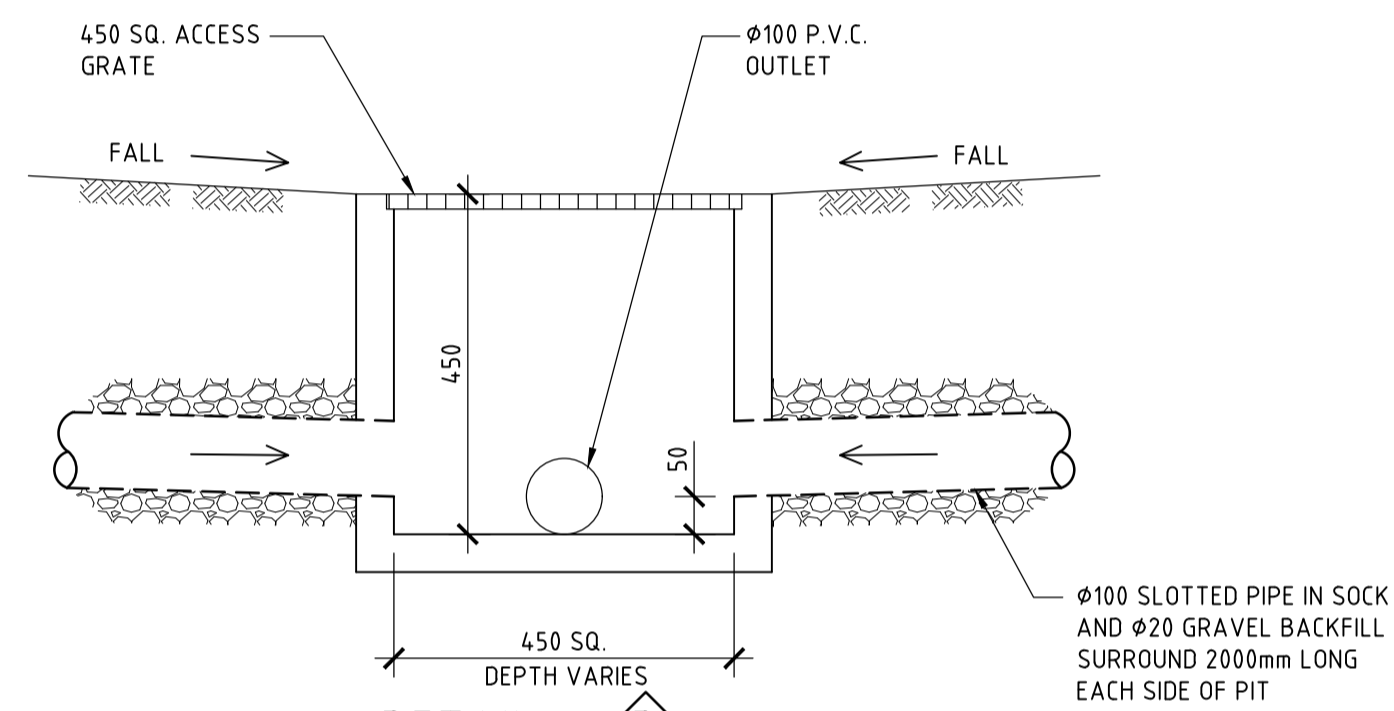
northern beaches council  
**THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT DA2023/1708**



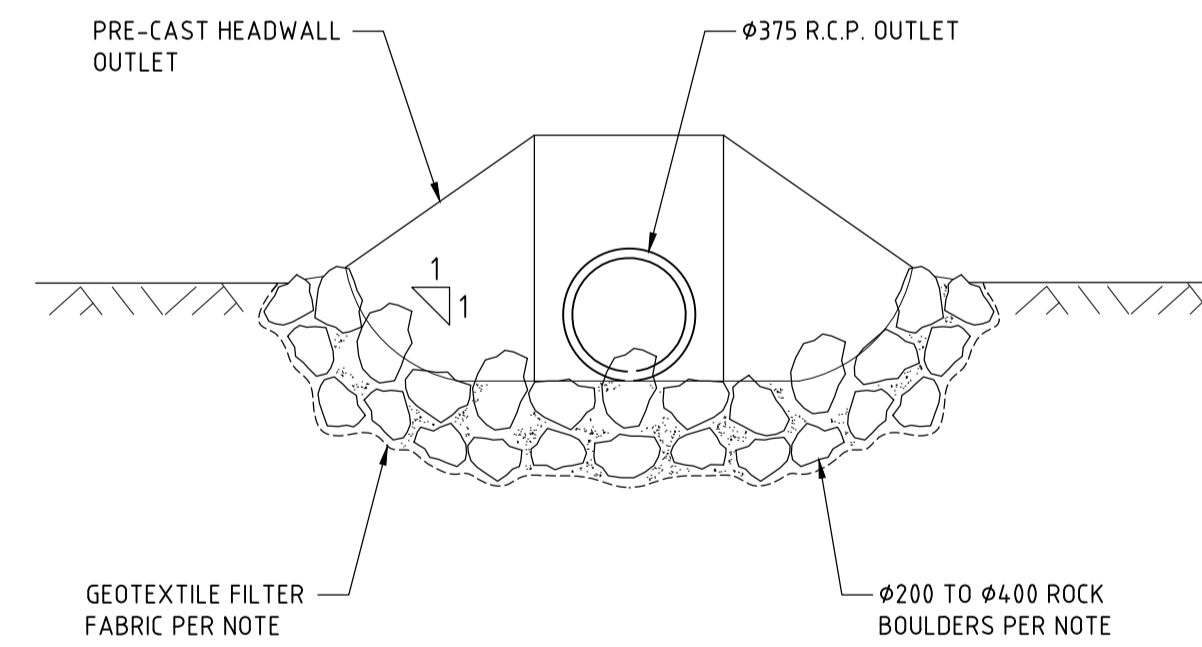
DETAIL A  
SCALE 1:10  
SHOWING GUTTER PROFILE & TYPICAL OUTLET SECTION



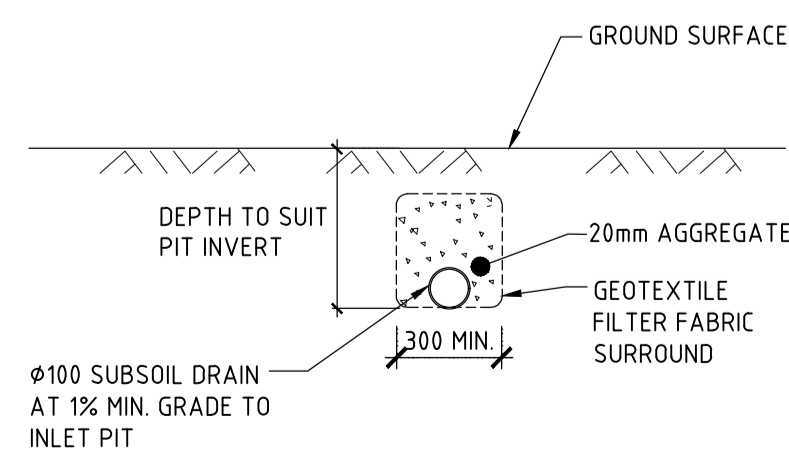
SECTION 1  
SCALE 1:10  
SHOWING LONGITUDINAL GUTTER PROFILE AT DOWNPIPE



DETAIL B  
SCALE 1:10  
TYPICAL SURFACE INLET PIT DETAIL



SECTION 2  
SCALE 1:20



DETAIL D  
SCALE 1:20  
TYPICAL SUB-SOIL DRAINAGE LINE

**HEADWALL NOTES:**

**MATERIALS (ROCK PADS)**

- ROCK: HARD, ANGULAR, DURABLE WEATHER RESISTANT AND EVENLY GRADED WITH 50% BY WEIGHT LARGER THAN THE SPECIFIED NOMINAL ROCK SIZE AND SUFFICIENT SMALL ROCK TO FILL VOIDS BETWEEN THE LARGER ROCK. THE DIAMETER OF THE LARGEST ROCK SIZE SHOULD BE NO LARGER THAN 15 TIMES THE NOMINAL ROCK SIZE. SPECIFIC GRAVITY TO BE AT LEAST 2.5.
- GEOTEXTILE FABRIC: HEAVY-DUTY, NEEDLE-PUNCHED, NON-WOVEN FILTER CLOTH, MINIMUM 'BIDIM' A24 OR EQUIVALENT.

**INSTALLATION (ROCK PADS)**

- REFER TO APPROVED PLANS FOR LOCATION AND CONSTRUCTION DETAILS. IF THERE ARE QUESTIONS OR PROBLEMS WITH THE LOCATION, DIMENSION OR METHOD OF INSTALLATION CONTACT THE ENGINEER OR RESPONSIBLE ON-SITE OFFICER FOR ASSISTANCE.
- THE DIMENSIONS OF THE OUTLET STRUCTURE MUST ALIGN WITH THE DOMINANT FLOW DIRECTION.
- EXCAVATE THE OUTLET PAD FOOTPRINT TO THE SPECIFIED DIMENSION SUCH THAT WHEN THE ROCK IS PLACED IN THE EXCAVATED PIT THE TOP OF THE ROCKS WILL BE LEVEL WITH THE SURROUNDING GROUND, UNLESS OTHERWISE DIRECTED.
- IF THE EXCAVATED SOILS ARE DISPERSIVE, OVER-EXCAVATED THE ROCK PAD BY AT LEAST 300MM AND BACKFILL WITH STABLE, NON-DISPERSIVE MATERIAL.
- LINE THE EXCAVATED PIT WITH GEOTEXTILE FILTER CLOTH, PREFERABLY USING A SINGLE SHEET. IF JOINTS ARE REQUIRED, OVERLAP THE FABRIC AT LEAST 300MM.
- ENSURE THE FILTER CLOTH IS PROTECTED FROM PUNCHING OR TEARING DURING INSTALLATION OF THE FABRIC AND THE ROCK. REPAIR ANY DAMAGE BY REMOVING THE ROCK AND PLACING ANOTHER PIECE OF FILTER CLOTH OVER THE DAMAGED AREA OVERLAPPING THE EXISTING FABRIC A MINIMUM OF 300MM.
- ENSURE THERE ARE AT LEAST TWO LAYERS OF ROCKS. WHERE NECESSARY, REPOSITION THE LARGER ROCKS TO ENSURE TWO LAYERS OF ROCKS ARE ACHIEVED WITHOUT ELEVATING THE UPPER SURFACE ABOVE THE PIPE INVERT.
- ENSURE THE ROCK IS PLACED IN A MANNER THAT WILL ALLOW WATER TO DISCHARGE FREELY FROM THE PIPE.
- ENSURE THE UPPER SURFACE OF THE ROCK PAD DOES NOT CAUSE WATER TO BE DEFLECTED AROUND THE EDGE OF THE ROCK PAD.
- IMMEDIATELY AFTER CONSTRUCTION, APPROPRIATELY STABILISE ALL DISTURBED AREAS.

**MAINTENANCE**

- WHILE CONSTRUCTION WORKS CONTINUE ON THE SITE, INSPECT THE OUTLET STRUCTURE PRIOR TO FORECAST RAINFALL, DAILY DURING EXTENDED PERIODS OF RAINFALL, AFTER SIGNIFICANT RUNOFF PRODUCING RAINFALL, AND ON AT LEAST A WEEKLY BASIS.
- REPLACE ANY DISPLACED ROCK WITH ROCK OF A SIGNIFICANTLY (MINIMUM 10%) LARGER SIZE THAN DISPLACED ROCK.

**REMOVAL**

- TEMPORARY OUTLET STRUCTURES SHOULD BE COMPLETELY REMOVED, OR WHERE APPROPRIATE, REHABILITATED SO AS NOT TO CAUSE ONGOING ENVIRONMENTAL NUISANCE OR HARM.
- FOLLOWING REMOVAL OF THE DEVICE, THE DISTURBED AREA MUST BE APPROPRIATELY REHABILITATED SO AS NOT TO CAUSE ONGOING ENVIRONMENTAL NUISANCE OR HARM.
- REMOVE MATERIALS AND COLLECTED SEDIMENTS AND DISPOSE OF IN A SUITABLE MANNER THAT WILL NOT CAUSE AN EROSION OR POLLUTION HAZARD.

**DRAINAGE NOTES**

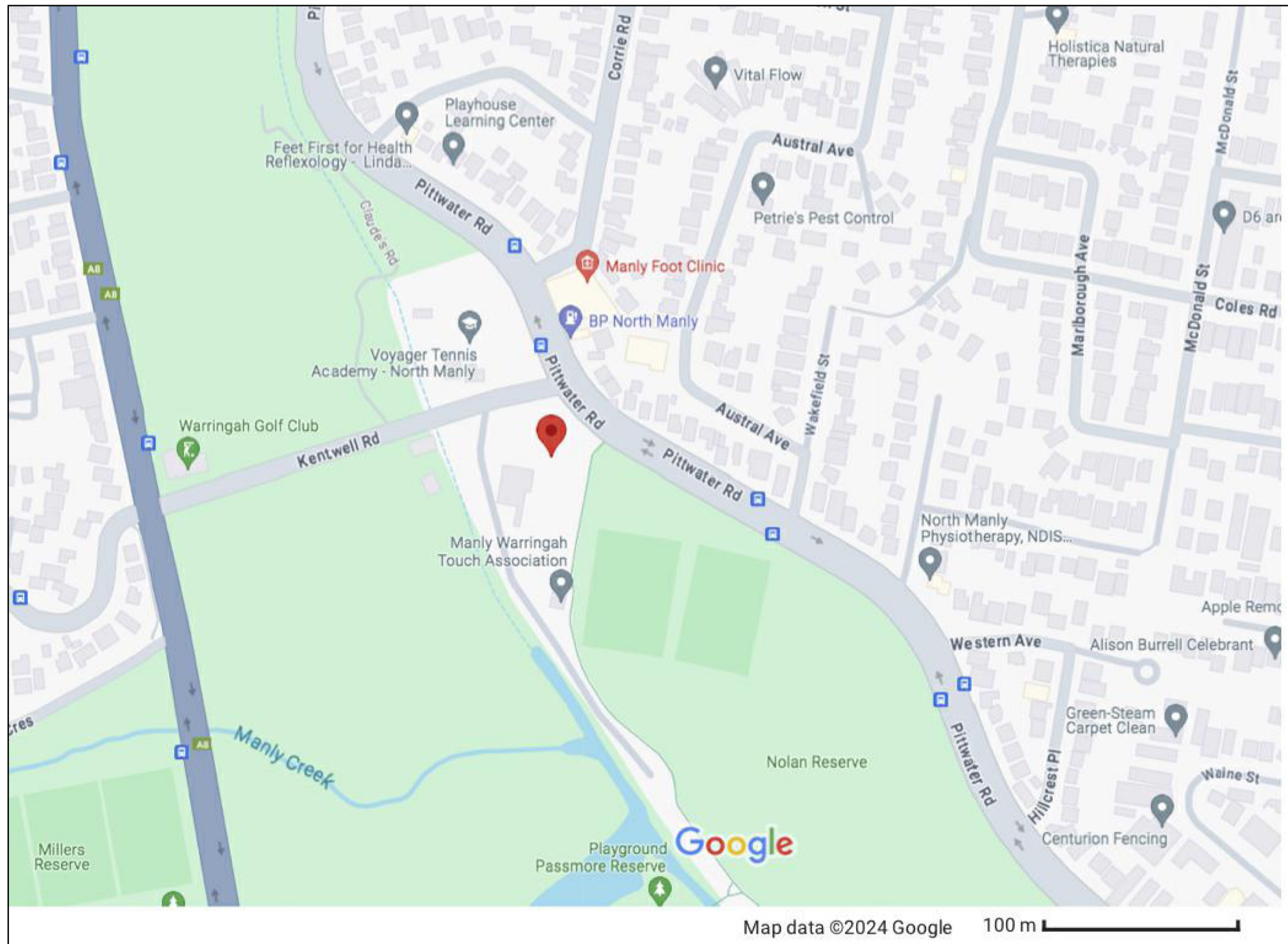
- DENOTES EXISTING GROUND LEVEL
- FALL STORMWATER PIPES AT 1% MIN. UNLESS OTHERWISE NOTED.
- SUB-SOIL DRAINAGE TO BE CONNECTED TO THE SITE DRAINAGE SYSTEM AS NECESSARY.
- SURFACE GRATES 300 SQ. UNLESS OTHERWISE NOTED.
- ALL STORMWATER PIPES TO HAVE SOLVENT CEMENT WATERTIGHT JOINTS.
- CHECK & LOCATE DEPTH OF EXISTING MAINS & SERVICES PRIOR TO CONSTRUCTION OF STORMWATER SYSTEM AS VARIATIONS IN POSITION OF MAINS COULD AFFECT DRAINAGE CONSTRUCTION DETAILS.
- INSPECTIONS MUST BE UNDERTAKEN BY THIS OFFICE (BY PRIOR ARRANGEMENT WITH ENGINEER) DURING CONSTRUCTION TO ENABLE FULL CERTIFICATION UPON COMPLETION OF WORKS.
- ALL CONSTRUCTION OF COUNCIL DRAINAGE WORKS TO COMPLY WITH COUNCIL STANDARD.
- REMOVE REDUNDANT DRAINAGE PITS AND SEAL PIPES.
- PIT BENCHING TO BE HALF THE OUTGOING PIPE DIAMETER. CONCRETE FOR BENCHING TO BE 20 MPa MASS CONCRETE.
- APPROVED PRE-CAST PITS MAY BE USED.
- ALL PIPES TO BE LAID ON COMPACTED FINE CRUSHED ROCK OR SAND BEDDING 75mm THICK & PIPES BACKFILLED WITH COMPACTED SAND TO 300mm ABOVE TOP OF PIPE, ELSE ATTACHED TO UNDERSIDE OF STRUCTURE AT 600mm c/c AS NECESSARY.
- PIPE ROUTES SHOWN ARE INDICATIVE ONLY AND SHOULD BE AS NECESSARY ACCORDING TO SITE CONDITIONS, TREE POSITIONS ETC. CONFIRM SIGNIFICANT CHANGES IN PIPES SYSTEM DETAILS WITH SUPERVISING ENGINEER PRIOR TO COMMENCEMENT OF DRAINAGE CONSTRUCTION WORKS.
- CONTRACTOR SHALL ENSURE THAT SERVICES TO BUILDINGS NOT AFFECTED BY THE WORKS ARE NOT DISRUPTED. CONTRACTOR SHALL CONSTRUCT TEMPORARY SERVICES TO MAINTAIN EXISTING SUPPLY TO BUILDINGS WHERE REQUIRED. ONCE WORKS ARE COMPLETE AND COMMISSIONED THE CONTRACTOR SHALL REMOVE ALL TEMPORARY SERVICES AND MAKE GOOD ALL DISTURBED AREAS.
- STORMWATER SYSTEM REQUIRES SIGNIFICANT MAINTENANCE DUE TO POTENTIAL HIGH POLLUTANT LOAD. FILTERS AND POLLUTANT TRAPS SHOULD BE CHECKED AFTER LARGE STORM EVENTS AND CLEANED EVERY 6 MONTHS.
- PLUMBING AND DRAINAGE WORKS TO COMPLY WITH AS-3500, THE NATIONAL DRAINAGE & PLUMBING CODE.
- WHERE POSSIBLE DRAINAGE LINES SHALL BE LAID IN AREAS PREVIOUSLY DISTURBED BY OTHER SITE WORKS AND FOLLOW TOPOGRAPHICAL FEATURES TO REDUCE IMPACT AND AVOID TREE ROOTS.
- THIS STORMWATER MANAGEMENT PLAN HAS BEEN PREPARED FOR SUBMISSION TO COUNCIL/CERTIFIER AND DOES NOT NECESSARILY CONTAIN ALL APPROPRIATE INFORMATION TO ENABLE FOR ISSUE TO PLUMBER/BUILDER FOR CONSTRUCTION CONTACT TAYLOR CONSULTING FOR MORE INFORMATION.

ISSUE DATE	REVISION
9 APRIL 2024	HEADWALL DETAIL UPDATED

TITLE <b>STORMWATER MANAGEMENT DETAILS 431 PITWATER ROAD, NORTH MANLY</b>			
DRAWN JBP	DATE 03 NOVEMBER 2023	CHECKED <i>[Signature]</i>	SCALE @ A1 1:20 1:10
ENGINEER R B	BY Civil (Hons) MIE Aust.		

DRAWING NO.  
**STORM-2/A**

**TAYLOR CONSULTING**  
CIVIL & STRUCTURAL ENGINEERS



  
**THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT**  
**DA2023/1708**

**DRAWING SCHEDULE**

44_MGWC_01	COVER PAGE
44_MGWC_02	PLANT SCHEDULE
44_MGWC_03	LANDSCAPE PLAN
44_MGWC_12	GENERAL SPECIFICATION AND TYPICAL DETAILS

**DESIGN INTENT:**

In consideration of the environmentally sensitive area and the plant list for the Curl Curl Ward as provided by Anthony Powe via email on 02/08/23, the planting scheme has adhered to a selection of plants endemic to the area with the exception of several Callistemon viminalis that have been included to replace 2 that are proposed to be removed as part of the development.

Incorporating a combination of under story planting and canopy shade trees reducing the impact off the height of the purpose built facility for neighbours and the community in general and adding shade to the car park reducing the heat island effect of hard surfaces.

Shrub and ground cover planting has been employed under the shade/canopy trees in consideration of the pedestrian safety ensuring that drivers have a clear view for the most part above a meter when entering and leaving the car port. It also provides a green corridor for smaller native bird species and mammals to pass freely and easily through and around the development from Manly Creek.

The Cafe will play an important role in the integration of the new development and the existing sporting fields on Nolan reserve as well as amenity facilities for families utilising the west side of Nolan reserve. We imagine/invite families who utilise the center directly for gymnastic excellence and Nolan fields enthusiasts alike to utilise the cafe area and the relaxed grassy knoll facing Nolan reserve under the shade tees provided, on a regular basis during the week and particularly on weekends.

We suggest that a regular maintenance and replacement program be implemented for the first 2 years until plant establishment with nono watering after 3 months as the planting selection has been made specifically to avoid permanent irrigation.

Maintaining the most part of the existing hedge will alleviate concerns of the impact of the development in its initial stages and also add amenity in the future reducing the height and scale of the building providing a layered landscape view reducing the impact of the scale of the building from Kentwell and Pittwater roads and for neighbouring properties.

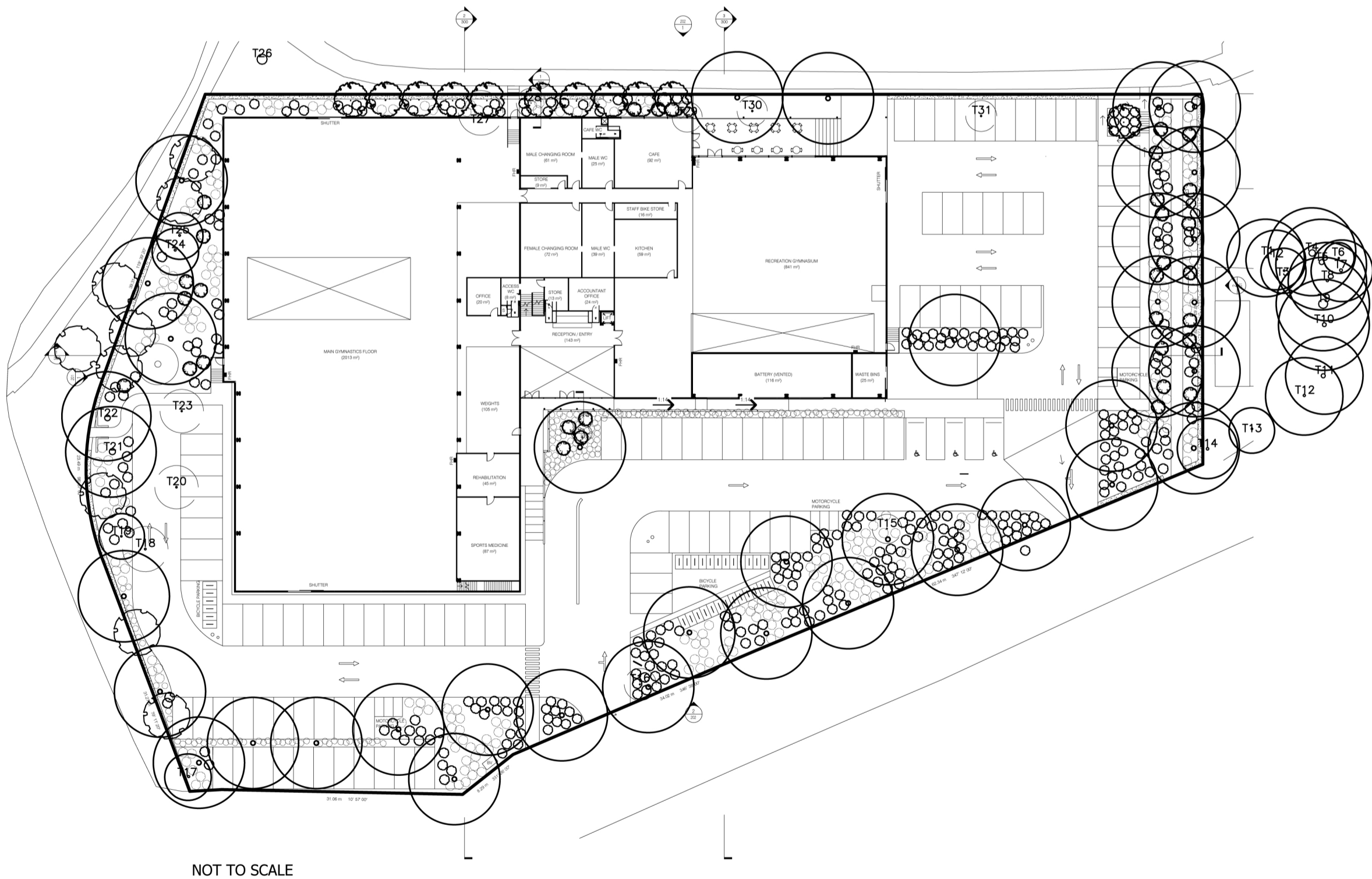
We anticipate that the Angophora lined boulevard with its seating and shade will become a favourite and iconic landscape that will be cherished by locals for years to come along with the Manly Warringah Gymnastics Center.

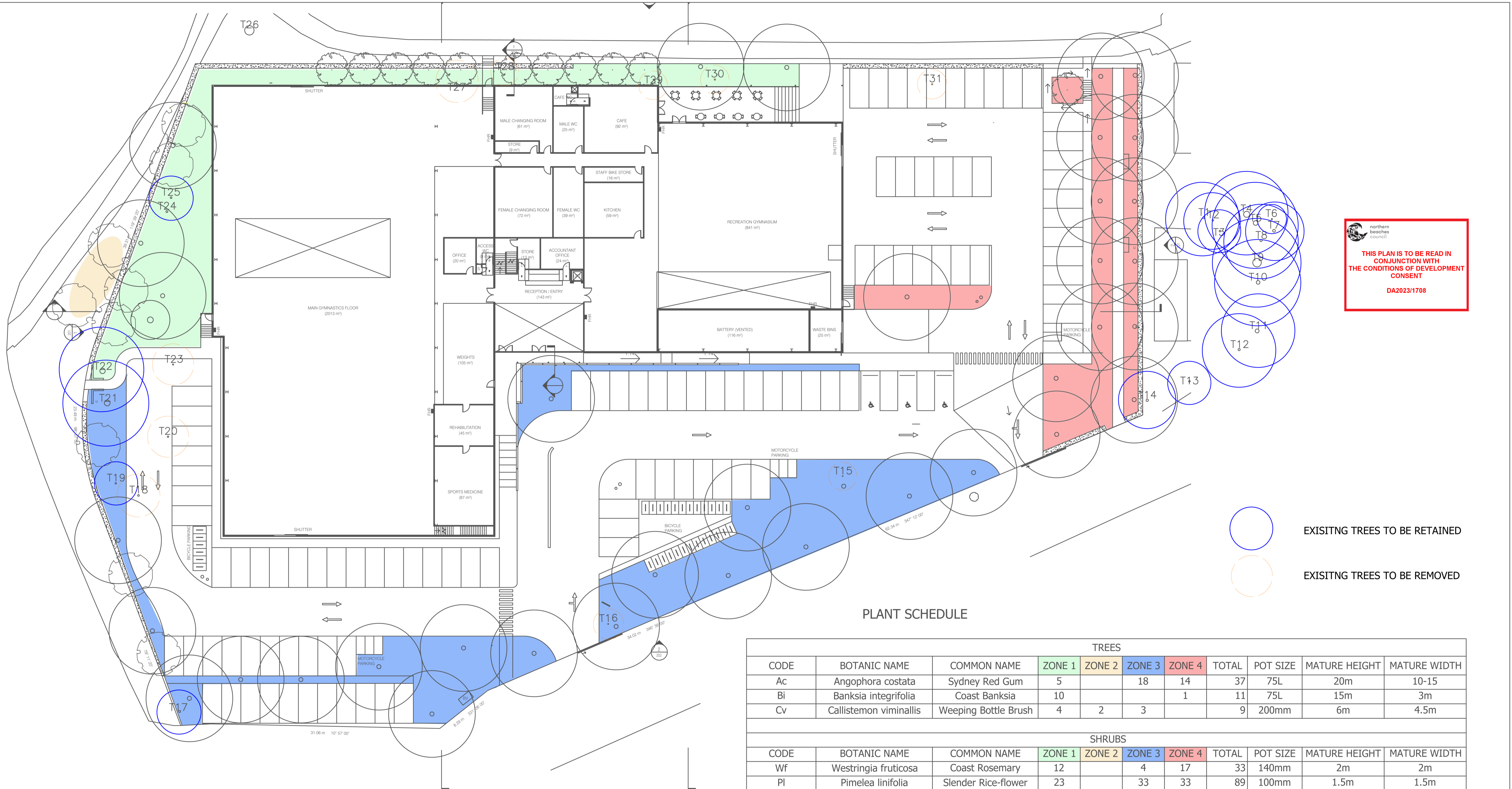
**GENERAL NOTES:**

- \*ALL LANDSCAPE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE ARCHITECTS AND ADDITIONAL CONSULTANTS DRAWINGS, SPECIFICATIONS AND REPORTS
- \*ALL PUBLIC UTILITY SERVICES ARE TO BE LOCATED ON SITE BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORKS. THE LOCATION, PRESENCE AND EXTENT OF SERVICES SHOWN ARE NOT GUARANTEED COMPLETE OR CORRECT
- \*PERFORM EXCAVATION IN THE VICINITY OF UNDERGROUND UTILITIES WITH CARE AND IF NECESSARY, BY HAND. THE CONTRACTOR BEARS FULL RESPONSIBILITY FOR THIS WORK AND DISRUPTION OR DAMAGE TO UTILITIES SHALL BE REPAIRED IMMEDIATELY AT NO EXPENSE TO THE OWNER
- \*NO TREES PROTECTED UNDER THE LOCAL COUNCIL'S TREE PRESERVATION ORDER ARE TO BE REMOVED UNLESS APPROVED BY DEVELOPMENT CONSENT OR PERMIT OBTAINED FROM COUNCIL
- \*ALL PAVING IS INDICATIVE, TO BE TO FUTURE SPECIFICATION, AND SET OUT ON SITE
- ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE LOCAL COUNCIL'S APPROVAL, STANDARDS AND CODES
- \*THE CONTRACTOR IS TO ENSURE THAT ALL THE WORKS ARE CARRIED OUT IN ACCORDANCE WITH THE WORK HEALTH AND SAFETY ACT
- \*TERRANEO TO REVIEW PLANT MATERIALS AT SOURCE OR BY PHOTOGRAPHS PRIOR TO PURCHASE AND DELIVERY
- \*EXACT LOCATIONS OF NEW PLANT MATERIAL TO BE SET OUT AND APPROVED BY TERRANEO ONSITE PRIOR TO INSTALLATION. TERRANEO RESERVES THE RIGHT TO ADJUST PLANTS TO EXACT LOCATION ONSITE

**DRAINAGE NOTES:**

- \*REFER TO CIVIL ENGINEERS UTILITY AND DRAINAGE PLANS FOR UTILITY LOCATION AND DRAINAGE INFORMATION.
- \*REQUIREMENTS FOR LANDSCAPE DRAINAGE TO BE CONFIRMED ONSITE UNLESS OTHERWISE SHOWN ON THE LANDSCAPE PLANS
- \*TREE PITS THAT HAVE BEEN EXCAVATED INTO HEAVY EARTH OR STONE TO CONTAIN A RING OF AG PIPE COVERED WITH AT LEAST 200MM OF FREE DRAINING MATERIAL AND CONNECTED TO A DRAINAGE OUTLET (REFER TO TYPICAL TREE PIT DRAINAGE SECTION)





northern beaches council

**THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT**

DA2023/1708

○ EXISTING TREES TO BE RETAINED

○ EXISTING TREES TO BE REMOVED

**PLANT SCHEDULE**

TREES										
CODE	BOTANIC NAME	COMMON NAME	ZONE 1	ZONE 2	ZONE 3	ZONE 4	TOTAL	POT SIZE	MATURE HEIGHT	MATURE WIDTH
Ac	Angophora costata	Sydney Red Gum	5		18	14	37	75L	20m	10-15
Bi	Banksia integrifolia	Coast Banksia	10			1	11	75L	15m	3m
Cv	Callistemon viminalis	Weeping Bottle Brush	4	2	3		9	200mm	6m	4.5m

SHRUBS										
CODE	BOTANIC NAME	COMMON NAME	ZONE 1	ZONE 2	ZONE 3	ZONE 4	TOTAL	POT SIZE	MATURE HEIGHT	MATURE WIDTH
Wf	Westringia fruticosa	Coast Rosemary	12		4	17	33	140mm	2m	2m
Pl	Pimelea linifolia	Slender Rice-flower	23		33	33	89	100mm	1.5m	1.5m
Ts	Telopea speciosissima	Waratah			20	5	25	200mm	3-4m	2m

GRASSES AND GROUND COVERS										
CODE	BOTANIC NAME	COMMON NAME	ZONE 1	ZONE 2	ZONE 3	ZONE 4	TOTAL	POT SIZE	MATURE HEIGHT	MATURE WIDTH
Dc	Dianella caerulea	Blue Flax Lily			180		180	100mm	1m	1m
Ll	Lomandra longifolia	Spiny-headed Mat-rush	60		140	50	250	100mm	1.5m	1.5m
Hi	Hibbertia scandens	Golden Guinea Flower	31		94	65	190	100mm	1m	3m
Tt	Cynodon dactylon x C. transvaalensis	Tif Tuf	59				m2	n/a	50MM	n/a


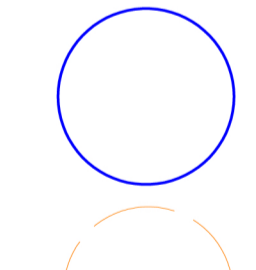
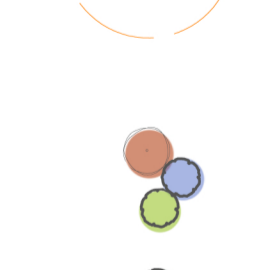


GENERAL NOTES:

\*ALL LANDSCAPE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE ARCHITECT'S AND ADDITIONAL CONSULTANT'S DRAWINGS, SPECIFICATIONS AND REPORTS

\*PROPOSED PLANT SYMBOLS ARE INDICATIVE OF POSITION ONLY, FOR TOTAL PLANT NUMBERS REFER TO THE PLANTING SCHEDULE

GREG LODGE PARK  
NOLAN RESERVE



-  PROPOSED TREES
-  EXISTING TREES TO BE RETAINED
-  EXISTING TREES TO BE REMOVED
-  SHRUBS
-  GRASSES AND GROUND COVERS

 northern beaches council  
**THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT**  
 DA2023/1708

GENERAL NOTES:  
 \*ALL LANDSCAPE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE ARCHITECTS AND ADDITIONAL CONSULTANT'S DRAWINGS, SPECIFICATIONS AND REPORTS  
 \*PROPOSED PLANT SYMBOLS ARE INDICATIVE OF POSITION ONLY. FOR TOTAL PLANT NUMBERS REFER TO THE PLANTING SCHEDULE

GENERAL SPECIFICATION NOTES

1.0 STANDARDS

- 1.1 SOILS
- AS 4419: Soils for Landscaping and Garden Use
  - AS 3743: Potting Mixes
  - AS 4454: Composts, Soil Conditioners and Mulches
- 1.2 Plants
- AS 2303: Tree Stock for Landscape Use
  - AS 4970: Protection of Trees on Development Sites



2.0 PRODUCTS

2.1 MATERIAL

Topsoil

- Source: Provide topsoil, which contains organic matter, is free from stones, contaminants and weeds
- Site: If available, provide material recovered from the site

Turf

- Supplier: Obtain turf from a specialist grower of cultivated turf
- Quality: Provide turf of even thickness, free from weeds and other foreign matter

Fertiliser

- General: Provide proprietary fertilisers, delivered to the site in sealed bags marked to show manufacturer or vendor, weight, fertiliser type, N:P:K ratio, recommended uses and application rates

Plants

- Health: Supply plants with foliage size, texture and colour at time of delivery consistent with the size, texture and colour shown in healthy specimens of the nominated species
- Vigour: Supply plants with extension growth consistent with that exhibited in vigorous specimens of the species nominated
- Damage: Supply plants free from damage and from restricted habit due to growth in nursery rows
- Pests and disease: Supply plants with foliage free from pest attack or disease
- Substitutes: Plant substitution (species or quantities) is not acceptable unless approved by Myles Baldwin Design.

3.0 EXECUTION

3.1 SITE PREPARATION

Weed eradication

- Herbicide: Eradicate weeds with a non-residual glyphosate herbicide in any of its registered formulae, at the recommended maximum rate
- Earth mounds
- Placing: Place clean filling in layers approximately 150 mm thick compacted to 85% of the dry density ratio of the surrounding soil as determined by AS 1289.5.4.1. Minimise slumping and further internal packing down

Edges

- Construct changes in grade over a minimum width of 500 mm to smooth, gradual and rounded profiles with no distinct joint

Existing trees

- Tree protection zones (TPZ) shall be established around all trees to be retained and in accordance of AS 4970. The area within the fence shall be mulched and maintained at 75mm depth
- No excavation, construction activity, grade changes, storage of materials, stock piling, siting of sheds, preparation of mixes or cleaning of tools is permitted within the TPZ

Planting beds

- Excavated: Excavate to bring the subsoil to at least 300 mm below finished design levels. Shape the subsoil to fall to subsoil drains where applicable. Break up the subs to a further depth of 100 mm
- Unexcavated: Remove weeds, roots, building rubble and other debris. Bring the planting bed to 75 mm below finished design levels
- Services and roots: Do not disturb services or tree roots; if necessary, cultivate these areas by hand

Placing topsoil

- General: Spread the topsoil on the prepared subsoil and grade evenly, making the necessary allowances to permit the following:
- Required finished levels and contours may be achieved after light compaction
- Grassed areas may be finished flush with adjacent hard surfaces such as kerbs, paths and mowing strips

Topsoil depths

- General: Spread topsoil to the following typical depths:
- Excavated planting areas: If using organic soil, 300 mm. Refer to typical soil profile detail
- Irrigated grassed areas generally: 150 mm
- Irrigated grassed areas, heavy use (e.g. playing fields, playgrounds, and public parks): 200 mm

Sediment and Erosion Control

- Sediment and erosion control measures are required during the construction of all developments and building works. It shall be the contractor's responsibility that works are carried out in accordance with a sediment and erosion control plan and council/approving authority's requirements.

3.2 TURFING

General

- Supply: Deliver the turf within 24 hours of cutting, and lay it within 36 hours of cutting. Prevent the turf from drying out between cutting and laying. If it is not laid within 36 hours of cutting, roll it out on a flat surface with the grass up, and water as necessary to maintain a good condition
- Laying: Lay the turf in the following manner:
  - In stretcher pattern with the joints staggered and close butted
  - Parallel with the long sides of level areas, and with contours on slopes
- To finish flush, after tamping, with adjacent finished surfaces of ground, paving edging, or grass seeded areas
- Tamping: Lightly tamp to an even surface immediately after laying. Do not use a roller
- Fertilising: Mix the fertiliser thoroughly into the topsoil before placing the turf. Apply lawn fertiliser at the completion of the first and last mowings, and at other times as required to maintain healthy grass cover
- Watering: Water immediately after laying until the topsoil is moistened to its full depth. Continue watering to maintain moisture to this depth
- Levels: Where levels have deviated from the design levels after placing and watering, lift turf and re-grade topsoil to achieve design levels

3.3 PLANTING

General

- Individual plantings in grassed areas: Excavate a hole twice the diameter of the root ball and at least 100 mm deeper than the root ball. Break up the base of the hole to a further depth of 100 mm, and loosen compacted sides of the hole to prevent confinement of root growth
- Watering: Thoroughly water the plants before planting, immediately after planting, and as required to maintain growth rates free of stress
- Placing: Remove the plant from the container with minimum disturbance to the root ball, ensure that the root ball is moist and place it in its final position, in the center of the hole and plumb, and with the top soil level of the plant root ball level with the finished surface of the surrounding soil
- Fertilising plants: In planting beds and individual plantings, place fertiliser pellets around the plants at the time of planting
- Backfilling: Backfill with topsoil mixture. Lightly tamp and water to eliminate air pockets

3.4 TREES

General

- All trees must be planted by an AQF Level 3 Qualified Arborist, Landscape Gardener or Horticulturalist

Clay Soils

- The base of each tree pit within clay soils shall be laid with 100mm deep scoria. A 90mm ag line ring shall sit within the scoria and drain directly to a suitable location. Lay geo-textile fabric evenly above the scoria, prior to tree placement and backfilling with 80/20 mineral soil

3.5 MULCHING

Placing mulch

- General: Place mulch to the required depth, clear of plant stems, and rake to an even surface flush with the surrounding finished levels. Spread and roll mulch so that after settling, or after rolling, it is smooth and evenly graded between design surface levels sloped towards the base of plant stems in plantation beds, and not closer to the stem than 50 mm in the case of gravel mulches.
- Garden beds: Greenlife Mulch and Compost
- Tree mulch ring: Mushroom compost
- Depths: Spread organic mulch to a depth of 75 mm, and gravel mulch to a depth of 50 mm

3.6 STAKES AND TIES

Stakes

- Material: Hardwood, straight, free from knots or twists, pointed at one end
- Installation: Drive stakes into the ground at least one third of their length, avoiding damage to the root system

Ties

- General: Provide 50 mm hessian webbing ties fixed securely to the stakes, one tie at half the height of the main stem, others as necessary to stabilise the plant

3.7 WATERING

Establishment

- Extent: Available soil moisture content of grass areas and garden beds to be monitored on a weekly basis using an approved moisture probe and water applied on a demand basis. Readings should be taken at a depth of 250mm
- All grass areas and garden beds should be maintained within a range of 50-80% available soil moisture. Under no circumstance should areas under irrigation fall below a level of 30% available soil moisture
- No visible signs of wilting of leaves or stems, with all plants fully turgid at all times.
- No sign of over-watering such as constantly wet soil, brown leaf margins, stem rot or brown spots on foliage

3.8 LANDSCAPE SUBSOIL DRAINAGE

General

- Include subsoil drainage behind retaining walls, along path edges and in mass planting beds, including lawn areas. Maintenance access points shall be every 15m

Materials

- Geotextile fabric: shall consist of a woven or a non-woven type to be manufactured from synthetic materials other than polyamide
- Aggregate: shall be a single size with a nominal dimension of 10-40mm
- Subsoil pipe: shall be 90 mm diameter corrugated flexible slotted PVC pipe in a geofabric sock, or 100mm µPVC if under pavement. All pipes to requirements of AS 1254. Where vehicle loads are encountered, reinforced concrete pipe shall be used only

Construction

- Trenches to be minimum 300mm wide and extend 500mm below the subgrade level or 150mm if into bed rock
- Trenches to be lined with geotextile fabric and backfilled with aggregate. Pipe to be laid 50mm above trench floor
- Prior to backfilling the trench, drainage and connection to stormwater is to be approved by the site manager

3.9 COMPLETION

Cleaning

- Stakes and ties: Remove those no longer required at the end of the planting establishment period
- Temporary fences: Remove temporary protective fences at the end of the planting establishment period

4.0 ESTABLISHMENT & DEFECTS LIABILITY

4.1 ESTABLISHMENT

General

- All landscaping works will have an establishment period of 26 weeks in which the subcontractor will be responsible for the maintenance and upkeep of the contracted scope, unless otherwise noted in the project documentation. If applicable refer to the project manager / builder for confirmation

4.2 DEFECTS LIABILITY PERIOD

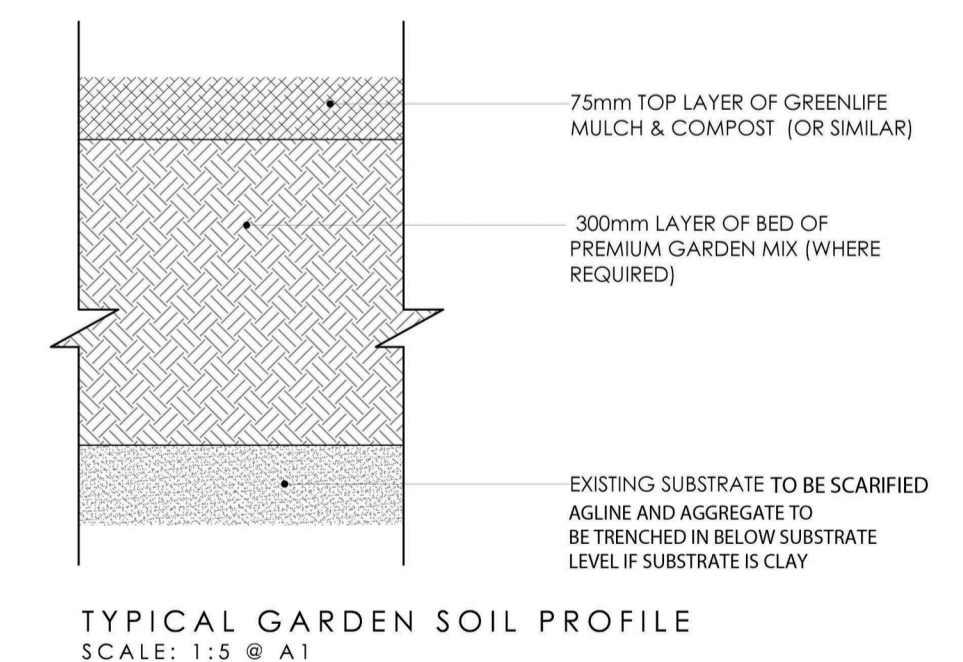
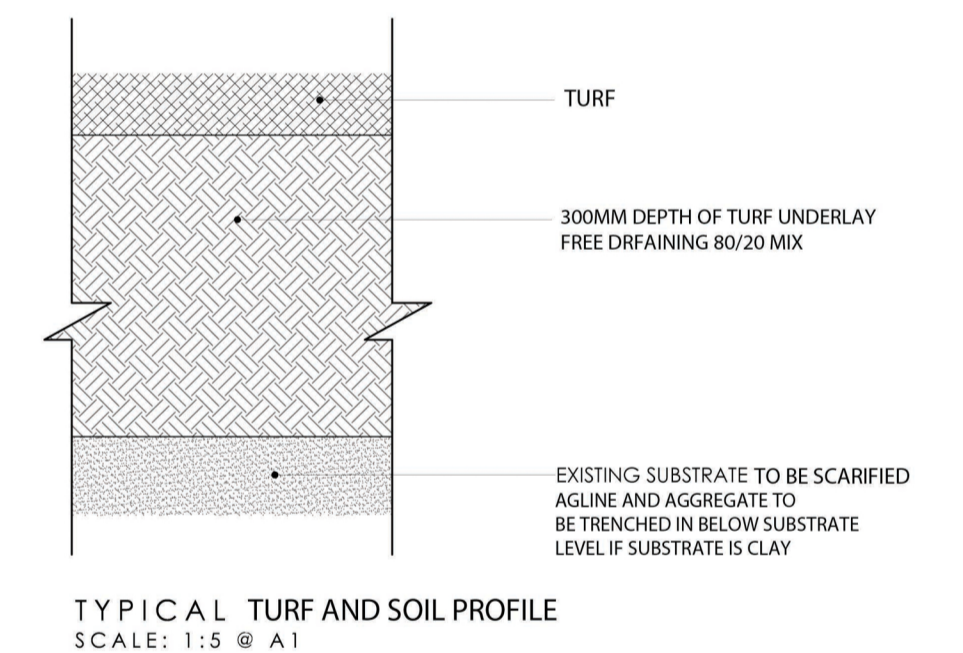
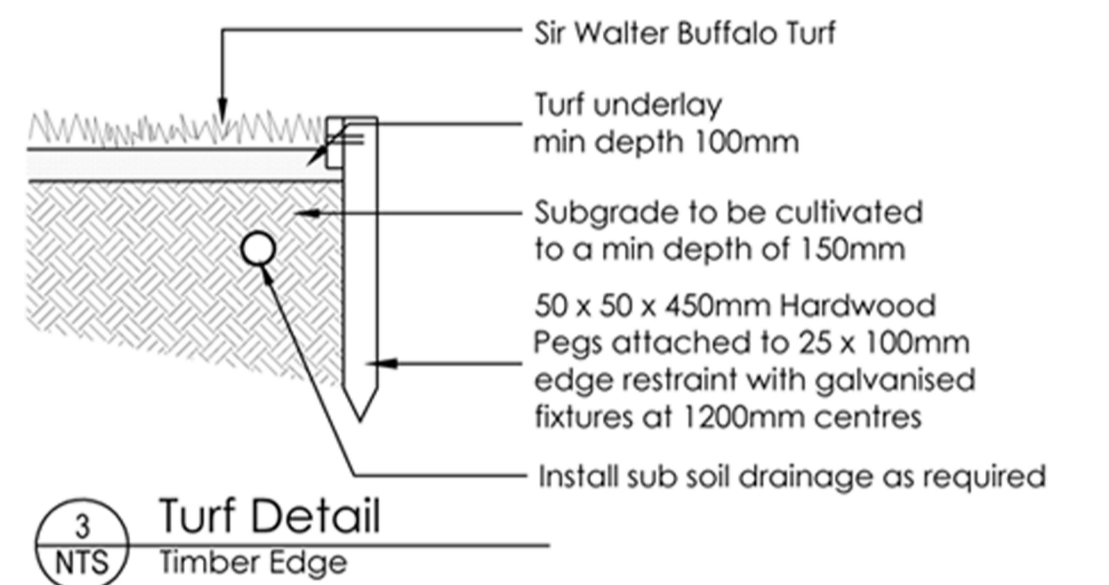
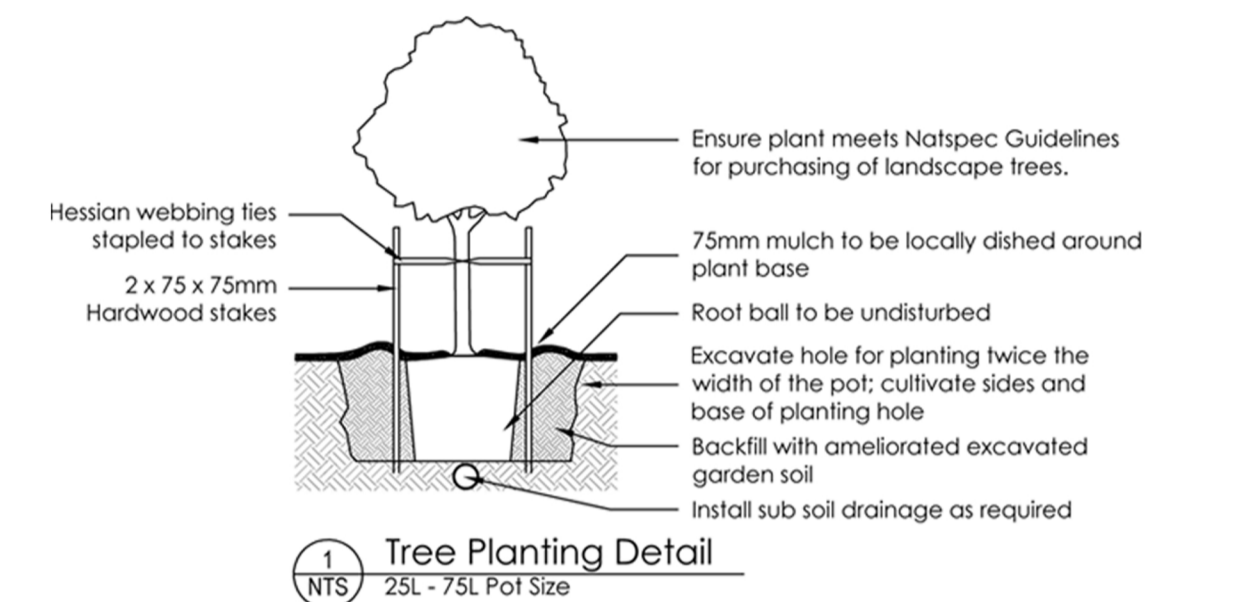
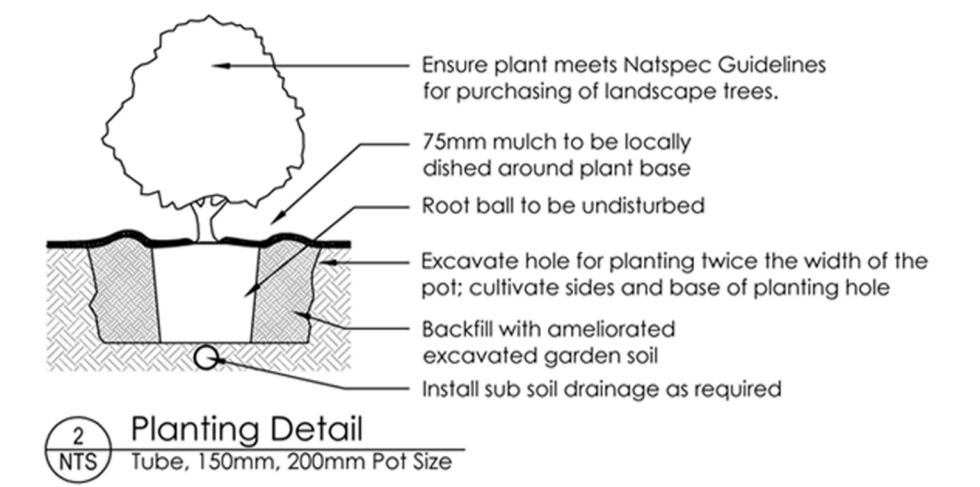
General

- All landscaping works will be subject to a defects liability period of 52 weeks, commencing from the date of Practical Completion, unless otherwise noted in the project documentation. If applicable refer to the project manager / builder for confirmation

4.3 FAILED PLANTINGS

General

- Photographic images of plants shall be approved by Myles Baldwin Design prior to procurement of replacement plant and tree stock



terraneo landscape design

142 Cabarita Road  
Avalon, NSW 2107  
M 0401 631 040  
E courtney@terraneo.com.au

CLIENT	MANLY WARRINGAH GYMNASTICS CLUB - CENTRE OF EXCELLENCE	SCALE	1:5 @ A1
DATE	04/02/2024	DRAWN BY	C. TAYLOR
ADDRESS	431 Pittwater Road, NORTH MANLY	PROJECT NO.	MGWC_12
TITLE	GENERAL SPECIFICATIONS - 44_MGWC_12		

