



METAL ROOFING



VERTICAL PANEL CLADDING



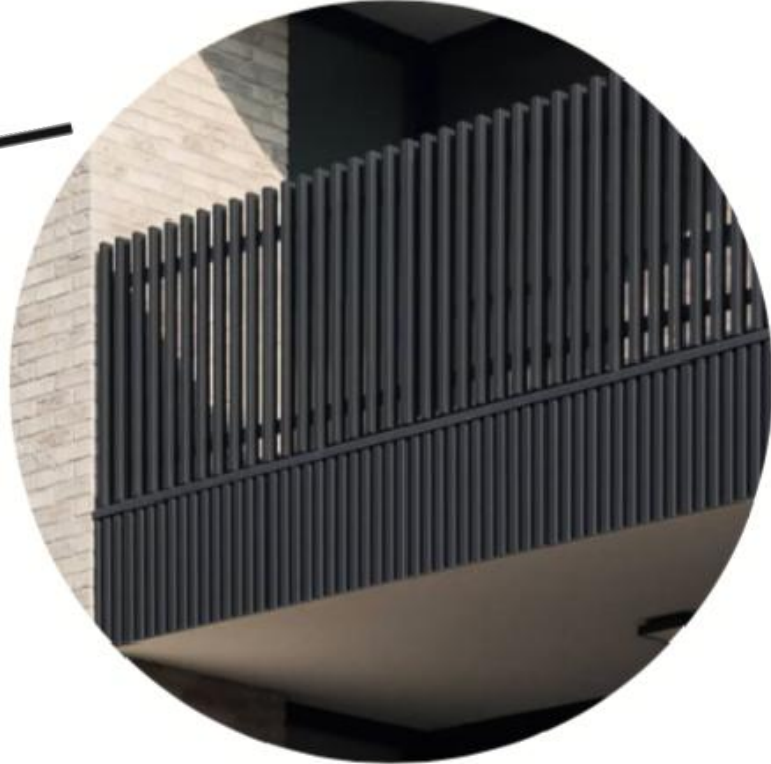
BLACK FRAMED WINDOWS



OFF FORM CONCRETE



FACEBRICK



BLACK STEEL HANDRAIL

 northern  
beaches  
council

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

DA2022/2081

LEGEND:

|       |                   |            |
|-------|-------------------|------------|
| 12.   | DA - AMENDMENT 3  | 25.08.2023 |
| 11.   | DA - AMENDMENT 2  | 29.01.2023 |
| 10.   | DA - AMENDMENT 1  | 24.01.2023 |
| 9.    | DA ISSUE          | 11.11.2022 |
| 8.    | DA ISSUE          | 12.10.2022 |
| 7.    | DA ISSUE          | 27.09.2022 |
| 6.    | DA ISSUE - PRELIM | 02.09.2022 |
| 5.    | PRELIMINARY DA    | 18.03.2022 |
| 4.    | PRELIMINARY       | 14.02.2022 |
| 3.    | PRELIMINARY       | 03.02.2022 |
| 2.    | PRELIMINARY       | JAN 2022   |
| 1.    | PRELIMINARY       | DEC 2021   |
| Issue | Amendment         | Date       |

ALL DIMENSIONS TO BE VERIFIED ON SITE. DIMENSIONS  
TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.  
ANY DISCREPANCIES TO BE REFERRED TO ARCHITECT  
BEFORE PROCEEDING IF IN DOUBT, ASK!



**GROUP ARCHITECTS**  
Nominated Architect Julian Branchley 6246  
Group Architects Pty Limited ABN 82 600 366 069  
69 Macarthur St Ultimo NSW 2007  
T: +612 9660 1055 E: info@grouparchitects.com.au

WARRINGAH GOLF AND  
COMMUNITY CLUB

address  
292 CONDOMINE RD  
NORTH MANLY

drawing  
TITLE PAGE

SCALE: NTS  
ISSUE: 12. DATE: 25.08.2023  
DWG No.: GA2020-023-001



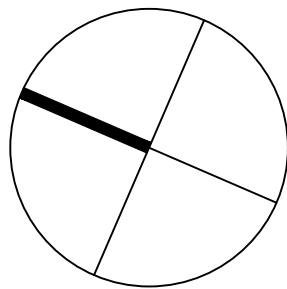
  
THIS PLAN IS TO BE READ IN  
CONJUNCTION WITH  
THE CONDITIONS OF DEVELOPMENT  
CONSENT  
DA2022/2081

ALL DEMOLITION TO BE IN ACCORDANCE WITH AS2601 - THE  
DEMOLITION OF STRUCTURES AND ANY OTHER RELEVANT  
STANDARDS AND CODES OF PRACTICE

TREE REMOVAL AS PER THE ARBORIST REPORT MUST BE  
UNDERTAKEN BY SUITABLY EXPERIENCED & QUALIFIED TREE  
WORKERS AS PER THE PROVISIONS WITHIN THE 'CODE OF  
PRACTICE: AMENITY TREE INDUSTRY', 1998 - SAFework NSW.

ALL DEMOLITION WORK AND  
TREE REMOVAL TO BE  
UNDERTAKEN BY NORTHERN  
BEACHES COUNCIL

NOT FOR CONSTRUCTION



LEGEND:

-  DEMOLITION
-  TREES TO BE  
REMOVED
-  BOUNDARY

DEMOLISH ALL SPORTING  
COURTS, SQUASH COURTS  
AND EXISTING  
OFFICE/CLUBHOUSE

REMOVE EXISTING TREES IN  
ACCORDANCE WITH THE  
ARBORICULTURAL  
CONSTRUCTION IMPACT  
STATEMENT BY ABNOBA ARBOR  
ABORCULTURAL SERVICES AND -  
REFER TO *EXISTING TREE  
MANAGEMENT PLAN* BY  
SERENESCAPES

REMOVE EXISTING TREES IN  
ACCORDANCE WITH THE  
ARBORICULTURAL  
CONSTRUCTION IMPACT  
STATEMENT BY ABNOBA  
ARBOR ABORCULTURAL  
SERVICES AND - REFER TO  
*EXISTING TREE MANAGEMENT  
PLAN* BY SERENESCAPES

|       |                   |            |
|-------|-------------------|------------|
| 12.   | DA - AMENDMENT 3  | 25.08.2023 |
| 11.   | DA - AMENDMENT 2  | 29.01.2023 |
| 10.   | DA - AMENDMENT 1  | 24.01.2023 |
| 9.    | DA ISSUE          | 11.11.2022 |
| 8.    | DA ISSUE          | 12.10.2022 |
| 7.    | DA ISSUE          | 27.09.2022 |
| 6.    | DA ISSUE - PRELIM | 02.09.2022 |
| 5.    | PRELIMINARY DA    | 18.03.2022 |
| 4.    | PRELIMINARY       | 14.02.2022 |
| 3.    | PRELIMINARY       | 03.02.2022 |
| 2.    | PRELIMINARY       | JAN 2022   |
| 1.    | PRELIMINARY       | DEC 2021   |
| Issue | Amendment         | Date       |

ALL DIMENSIONS TO BE VERIFIED ON SITE. DIMENSIONS  
TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.  
ANY DISCREPANCIES TO BE REFERRED TO ARCHITECT  
BEFORE PROCEEDING IF IN DOUBT, ASK!



**GROUP ARCHITECTS**  
Nominated Architect Julian Branchley 6246  
Group Architects Pty Limited ABN 82 600 366 069  
69 Macarthur St Ultimo NSW 2007  
T: +612 9660 1055 E: info@grouparchitects.com.au

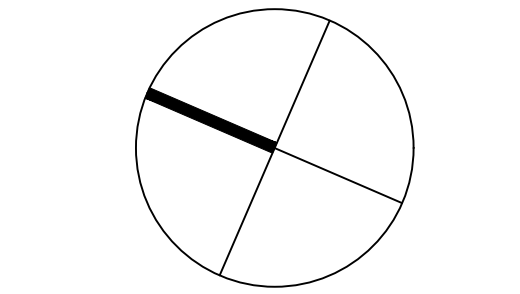
WARRINGAH GOLF AND  
COMMUNITY CLUB

address  
292 CONDRAMINE RD  
NORTH MANLY

drawing  
DEMOLITION PLAN

SCALE: 1:500 @ A1  
ISSUE: 12. DATE: 25.08.2023  
DWG No.: GA2020-023-D01





LEGEND:  
--- BOUNDARY

--- NBC  
COUNCIL  
DESIGNATED  
WGC SITE

|       |                   |            |
|-------|-------------------|------------|
| 12.   | DA - AMENDMENT 3  | 25.08.2023 |
| 11.   | DA - AMENDMENT 2  | 29.01.2023 |
| 10.   | DA - AMENDMENT 1  | 24.01.2023 |
| 9.    | DA ISSUE          | 11.11.2022 |
| 8.    | DA ISSUE          | 12.10.2022 |
| 7.    | DA ISSUE          | 27.09.2022 |
| 6.    | DA ISSUE - PRELIM | 02.09.2022 |
| 5.    | PRELIMINARY DA    | 18.03.2022 |
| 4.    | PRELIMINARY       | 14.02.2022 |
| 3.    | PRELIMINARY       | 03.02.2022 |
| 2.    | PRELIMINARY       | JAN 2022   |
| 1.    | PRELIMINARY       | DEC 2021   |
| Issue | Amendment         | Date       |

ALL DIMENSIONS TO BE VERIFIED ON SITE. DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS. ANY DISCREPANCIES TO BE REFERRED TO ARCHITECT BEFORE PROCEEDING  
IF IN DOUBT, ASK!



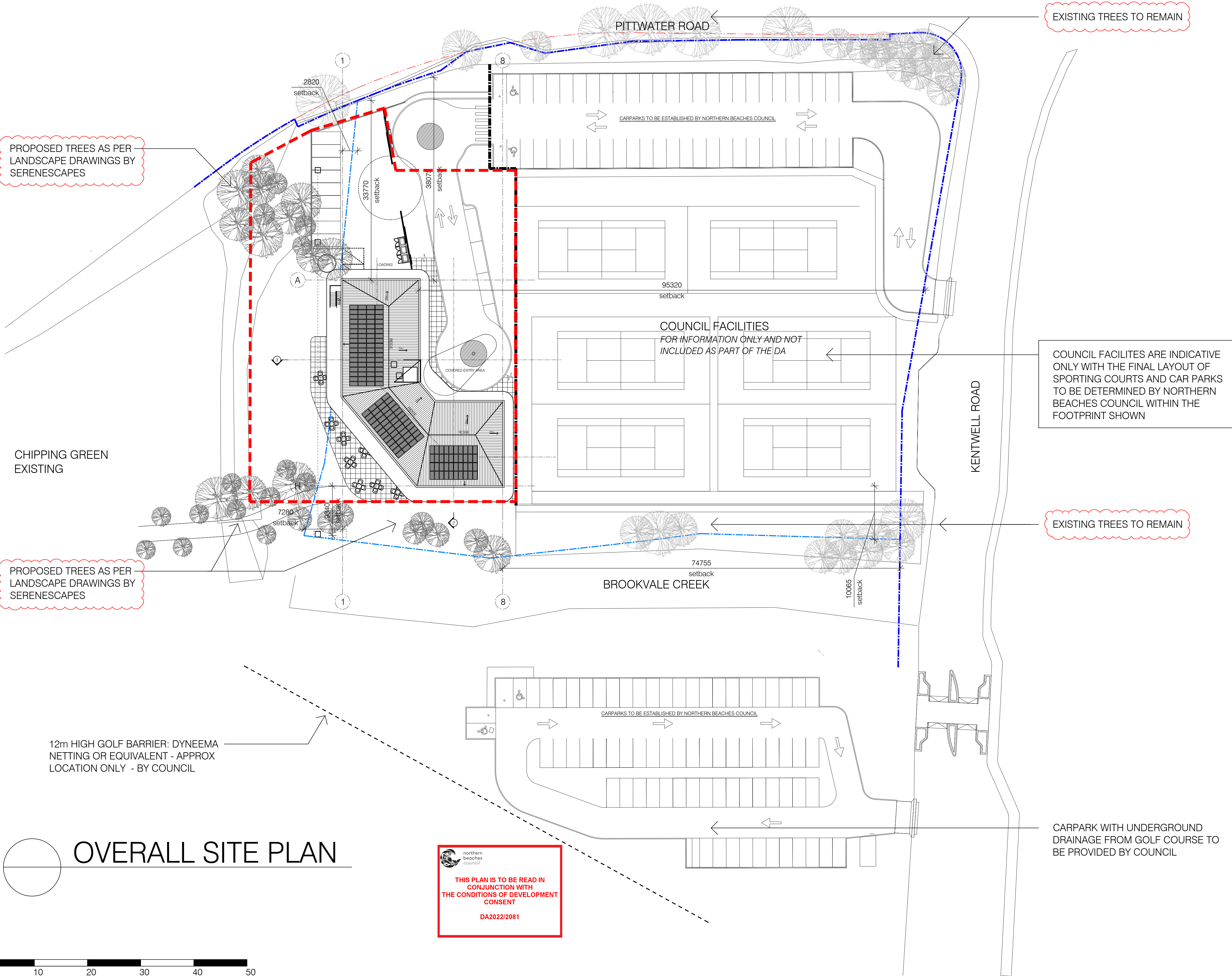
**GROUP ARCHITECTS**  
Nominated Architect Julian Branchley 6246  
Group Architects Pty Limited ABN 82 600 366 069  
69 Macarthur St Ultimo NSW 2007  
T: +612 9660 1055 E: info@grouparchitects.com.au

WARRINGAH GOLF AND  
COMMUNITY CLUB

address  
292 CONDOMINE RD  
NORTH MANLY

drawing  
OVERALL SITE PLAN

SCALE: NTS  
ISSUE: 12. DATE: 25.08.2023  
DWG No.: GA2020-023-100



OVERALL SITE PLAN

 northern  
beaches  
council  
  
THIS PLAN IS TO BE READ IN  
CONJUNCTION WITH  
THE CONDITIONS OF DEVELOPMENT  
CONSENT  
  
DA2022/2081

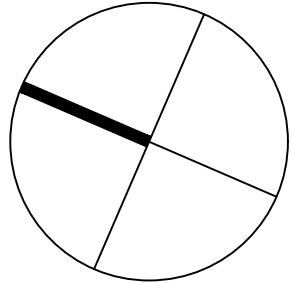




northern  
beaches  
council

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

DA2022/2081



LEGEND:

--- BOUNDARY

TENNIS AND FUTSAL COURTS

KENTWELL ROAD

EXISTING CLUBHOUSE

EXISTING SQUASH  
COURTS

BROOKVALE CREEK

|       |                   |            |
|-------|-------------------|------------|
| 12.   | DA - AMENDMENT 3  | 25.08.2023 |
| 11.   | DA - AMENDMENT 2  | 29.01.2023 |
| 10.   | DA - AMENDMENT 1  | 24.01.2023 |
| 9.    | DA ISSUE          | 11.11.2022 |
| 8.    | DA ISSUE          | 12.10.2022 |
| 7.    | DA ISSUE          | 27.09.2022 |
| 6.    | DA ISSUE - PRELIM | 02.09.2022 |
| 5.    | PRELIMINARY DA    | 18.03.2022 |
| 4.    | PRELIMINARY       | 14.02.2022 |
| 3.    | PRELIMINARY       | 03.02.2022 |
| 2.    | PRELIMINARY       | JAN 2022   |
| 1.    | PRELIMINARY       | DEC 2021   |
| Issue | Amendment         | Date       |

ALL DIMENSIONS TO BE VERIFIED ON SITE. DIMENSIONS  
TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.  
ANY DISCREPANCIES TO BE REFERRED TO ARCHITECT  
BEFORE PROCEEDING IF IN DOUBT, ASK!



**GROUP ARCHITECTS**  
Nominated Architect Julian Branchley 6246  
Group Architects Pty Limited ABN 82 600 366 069  
69 Macarthur St Ultimo NSW 2007  
T: +612 9660 1055 E: info@grouparchitects.com.au

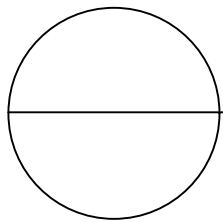
WARRINGAH GOLF AND  
COMMUNITY CLUB

address  
292 CONDOMINE RD  
NORTH MANLY

drawing  
SITE PLAN  
LANDSCAPE/BOUNDARY SET OUT

SCALE: 1:500 @ A1  
ISSUE: 12. DATE: 25.08.2023

DWG No.: GA2020-023-101a



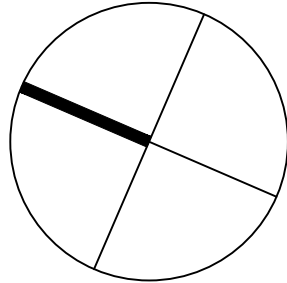
EXISTING SITE PLAN  
NTS



 northern beaches council

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

DA2022/2081



LEGEND:

-  BOUNDARY
-  NBC COUNCIL DESIGNATED WGC SITE



|       |                   |            |
|-------|-------------------|------------|
| 12.   | DA - AMENDMENT 3  | 25.08.2023 |
| 11.   | DA - AMENDMENT 2  | 29.01.2023 |
| 10.   | DA - AMENDMENT 1  | 24.01.2023 |
| 9.    | DA ISSUE          | 11.11.2022 |
| 8.    | DA ISSUE          | 12.10.2022 |
| 7.    | DA ISSUE          | 27.09.2022 |
| 6.    | DA ISSUE - PRELIM | 02.09.2022 |
| 5.    | PRELIMINARY DA    | 18.03.2022 |
| 4.    | PRELIMINARY       | 14.02.2022 |
| 3.    | PRELIMINARY       | 03.02.2022 |
| 2.    | PRELIMINARY       | JAN 2022   |
| 1.    | PRELIMINARY       | DEC 2021   |
| Issue | Amendment         | Date       |

ALL DIMENSIONS TO BE VERIFIED ON SITE. DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS. ANY DISCREPANCIES TO BE REFERRED TO ARCHITECT BEFORE PROCEEDING IF IN DOUBT, ASK!



**GROUP ARCHITECTS**  
Nominated Architect Julian Branchley 6246  
Group Architects Pty Limited ABN 82 600 366 069  
69 Macarthur St Ultimo NSW 2007  
T: +612 9660 1055 E: info@grouparchitects.com.au

WARRINGAH GOLF AND COMMUNITY CLUB

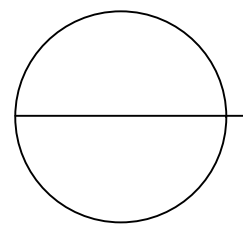
address  
292 CONDOMINE RD  
NORTH MANLY

drawing  
SITE PLAN  
LANDSCAPE/BOUNDARY SET OUT

SCALE: 1:500 @ A1

ISSUE: 12. DATE: 25.08.2023

DWG No.: GA2020-023-101b



PROPOSED GOLF CLUB  
NTS



  
northern  
beaches  
council  
  
THIS PLAN IS TO BE READ IN  
CONJUNCTION WITH  
THE CONDITIONS OF DEVELOPMENT  
CONSENT  
  
DA2022/2081

PROPOSED TREES AS PER  
LANDSCAPE DRAWINGS BY  
SERENESCAPES

CHIPPING GREEN  
EXISTING

PROPOSED TREES AS PER  
LANDSCAPE DRAWINGS BY  
SERENESCAPES

 SITE PLAN - ZONES  
NTS



LEGEND:

-  WGC  
DESIGNATED  
RESPONSIBILITY  
ZONE
-  NBC  
MASTERPLAN  
OUTLINE

|       |                   |            |
|-------|-------------------|------------|
| 12.   | DA - AMENDMENT 3  | 25.08.2023 |
| 11.   | DA - AMENDMENT 2  | 29.01.2023 |
| 10.   | DA - AMENDMENT 1  | 24.01.2023 |
| 9.    | DA ISSUE          | 11.11.2022 |
| 8.    | DA ISSUE          | 12.10.2022 |
| 7.    | DA ISSUE          | 27.09.2022 |
| 6.    | DA ISSUE - PRELIM | 02.09.2022 |
| 5.    | PRELIMINARY DA    | 18.03.2022 |
| 4.    | PRELIMINARY       | 14.02.2022 |
| 3.    | PRELIMINARY       | 03.02.2022 |
| 2.    | PRELIMINARY       | JAN 2022   |
| 1.    | PRELIMINARY       | DEC 2021   |
| Issue | Amendment         | Date       |

ALL DIMENSIONS TO BE VERIFIED ON SITE. DIMENSIONS  
TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.  
ANY DISCREPANCIES TO BE REFERRED TO ARCHITECT  
BEFORE PROCEEDING IF IN DOUBT, ASK!



**GROUP ARCHITECTS**  
Nominated Architect Julian Branchley 6246  
Group Architects Pty Limited ABN 82 600 366 069  
69 Macarthur St Ultimo NSW 2007  
T: +612 9660 1055 E: info@grouparchitects.com.au

WARRINGAH GOLF AND  
COMMUNITY CLUB

address  
292 CONDOMINE RD  
NORTH MANLY

drawing  
SITE PLAN - ZONES  
LANDSCAPE/BOUNDARY SET OUT

SCALE: 1:500 @ A1

ISSUE: 12. DATE: 25.08.2023

DWG No.: GA2020-023-101c



PROPOSED RAINWATER REUSE TANK  
20KL CONNECTED TO:  
- INTERNAL TOILETS FOR FLUSHING  
- OUTDOOR IRRIGATION SYSTEM

WASTE BINS AS PER WASTE MANAGEMENT PLAN  
- 1100L RECYCLING WASTE MGB  
- 1100L PAPER AND CARDBOARD MGB  
- 1100L GENERAL WASTE MGB  
- 660L GENERAL WASTE MGB (BOH)

SECURE DOORS - VERTICAL SCREENING WITH NO HORIZONTAL ELEMENTS EXTERNALLY - NO ROOF

WHEELCHAIR PASSING BAY IN ACCORDANCE WITH AS1428.2

GOODS LIFT TO MANUFACTURERS DETAILS.

BAR/ SERVERY

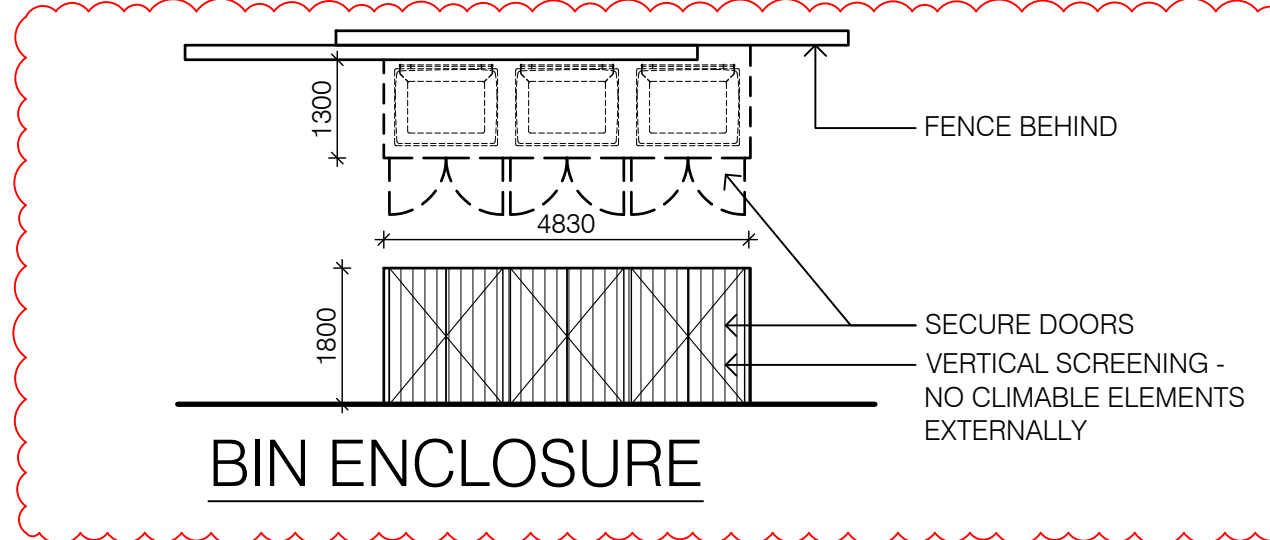
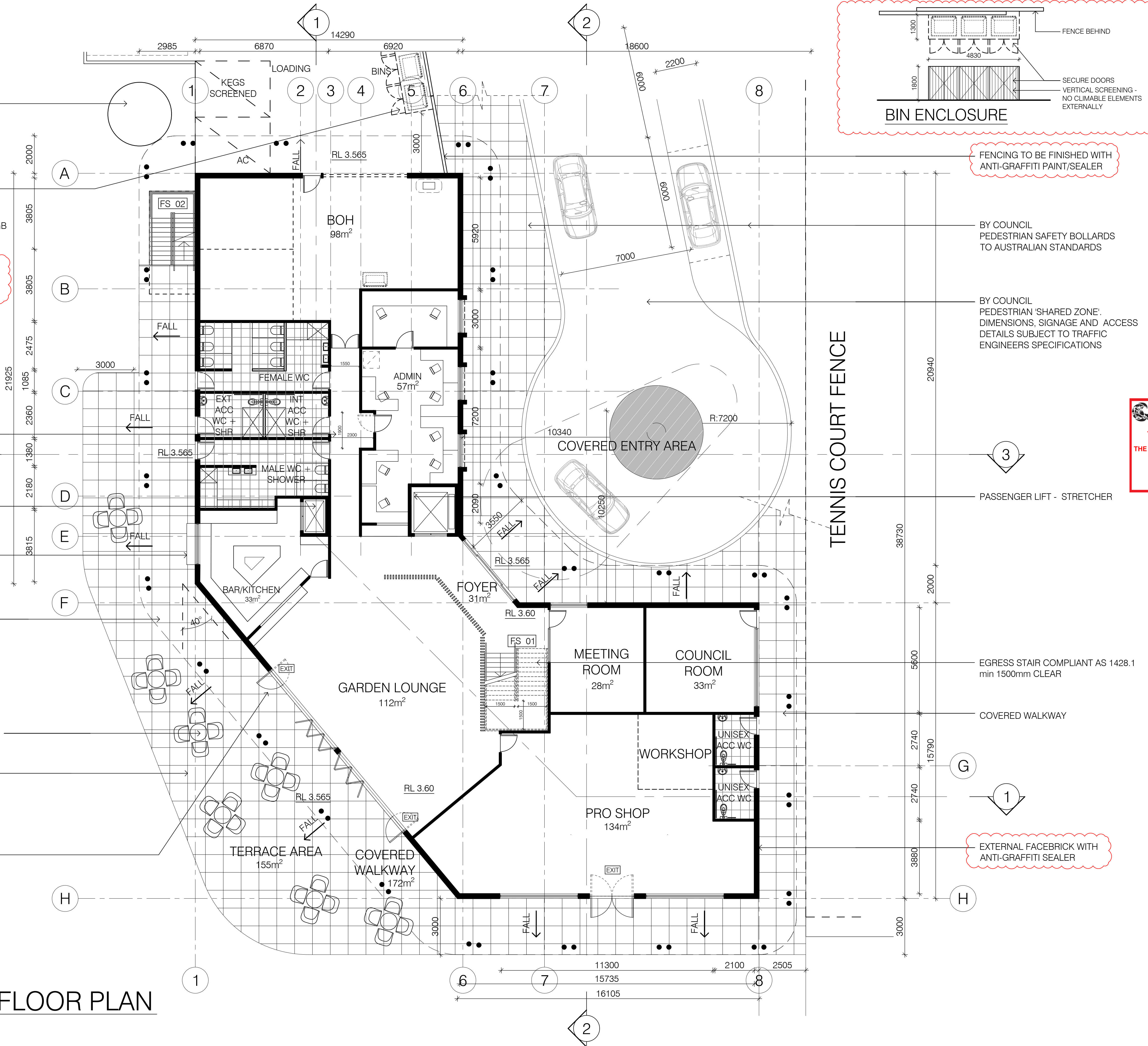
OUTLINE OF FIRST FLOOR ABOVE

OUTDOOR SEATING TO FUTURE DETAILS

TERRACE AREA LANDSCAPING TO LANDSCAPE ARCHITECTS DETAILS

DOUBLE ACTING EGRESS DOORS - min 1m CLEAR OPENING WITH FAIL SAFE CONNECTED TO FIRE ALARM SYSTEM

1 GROUND FLOOR PLAN  
1:200@A3



FENCING TO BE FINISHED WITH ANTI-GRAFFITI PAINT/SEALER

BY COUNCIL PEDESTRIAN SAFETY BOLLARDS TO AUSTRALIAN STANDARDS

BY COUNCIL PEDESTRIAN 'SHARED ZONE'. DIMENSIONS, SIGNAGE AND ACCESS DETAILS SUBJECT TO TRAFFIC ENGINEERS SPECIFICATIONS

PASSENGER LIFT - STRETCHER

EGRESS STAIR COMPLIANT AS 1428.1 min 1500mm CLEAR

COVERED WALKWAY

EXTERNAL FACEBRICK WITH ANTI-GRAFFITI SEALER

THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT  
DA2022/2081

|       |                   |            |
|-------|-------------------|------------|
| 12.   | DA - AMENDMENT 3  | 25.08.2023 |
| 11.   | DA - AMENDMENT 2  | 29.01.2023 |
| 10.   | DA - AMENDMENT 1  | 24.01.2023 |
| 9.    | DA ISSUE          | 11.11.2022 |
| 8.    | DA ISSUE          | 12.10.2022 |
| 7.    | DA ISSUE - PRELIM | 27.09.2022 |
| 6.    | DA ISSUE - PRELIM | 02.09.2022 |
| 5.    | PRELIMINARY DA    | 18.03.2022 |
| 4.    | PRELIMINARY       | 14.02.2022 |
| 3.    | PRELIMINARY       | 03.02.2022 |
| 2.    | PRELIMINARY       | JAN 2022   |
| 1.    | PRELIMINARY       | DEC 2021   |
| Issue | Amendment         | Date       |

ALL DIMENSIONS TO BE VERIFIED ON SITE. DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS. ANY DISCREPANCIES TO BE REFERRED TO ARCHITECT BEFORE PROCEEDING IF IN DOUBT, ASK!



GROUP ARCHITECTS  
Nominated Architect Julian Branchley 6246  
Group Architects Pty Limited ABN 82 600 366 069  
69 Macarthur St Ultimo NSW 2007  
T: +612 9660 1055 E: info@grouparchitects.com.au

WARRINGAH GOLF AND COMMUNITY CLUB

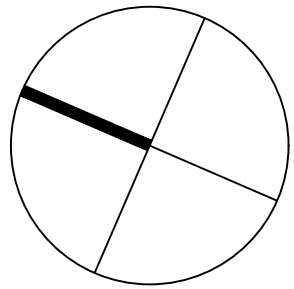
address  
292 CONDOMINE RD  
NORTH MANLY

drawing  
GROUND FLOOR PLAN

SCALE: 1:200 @ A3  
ISSUE: 12. DATE: 25.08.2023

DWG No.: GA2020-023-102





LEGEND:



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

DA2022/2081

OUTLINE OF ROOF ABOVE

EXTERNAL EGRESS STAIR  
AS1428.1 COMPLIANT

PASSENGER LIFT - STRETCHER

GOODS LIFT TO MANUFACTURERS  
DETAILS.

1.2m HIGH BALUSTRADE TO  
TERRACE

BAR SERVERY WINDOW

KITCHEN TO FUTURE DETAIL -  
COMPLIANT WITH FOOD PREMISES  
STANDARDS

PORTE COCHERE ROOF BELOW

LOGO SIGNAGE/SCREENING

EGRESS STAIR COMPLIANT AS 1428.1  
min 1500mm CLEAR

DOUBLE ACTING EGRESS DOORS - min  
1m CLEAR OPENING WITH FAIL SAFE  
CONNECTED TO FIRE ALARM SYSTEM

|       |                   |            |
|-------|-------------------|------------|
| 12.   | DA - AMENDMENT 3  | 25.08.2023 |
| 11.   | DA - AMENDMENT 2  | 29.01.2023 |
| 10.   | DA - AMENDMENT 1  | 24.01.2023 |
| 9.    | DA ISSUE          | 11.11.2022 |
| 8.    | DA ISSUE          | 12.10.2022 |
| 7.    | DA ISSUE - PRELIM | 27.09.2022 |
| 6.    | DA ISSUE - PRELIM | 02.09.2022 |
| 5.    | PRELIMINARY DA    | 18.03.2022 |
| 4.    | PRELIMINARY       | 14.02.2022 |
| 3.    | PRELIMINARY       | 03.02.2022 |
| 2.    | PRELIMINARY       | JAN 2022   |
| 1.    | PRELIMINARY       | DEC 2021   |
| Issue | Amendment         | Date       |

ALL DIMENSIONS TO BE VERIFIED ON SITE. DIMENSIONS  
TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.  
ANY DISCREPANCIES TO BE REFERRED TO ARCHITECT  
BEFORE PROCEEDING  
IF IN DOUBT, ASK!



**GROUP ARCHITECTS**  
Nominated Architect Julian Branchley 6246  
Group Architects Pty Limited ABN 82 600 366 069  
69 Macarthur St Ultimo NSW 2007  
T: +612 9660 1055 E: info@grouparchitects.com.au

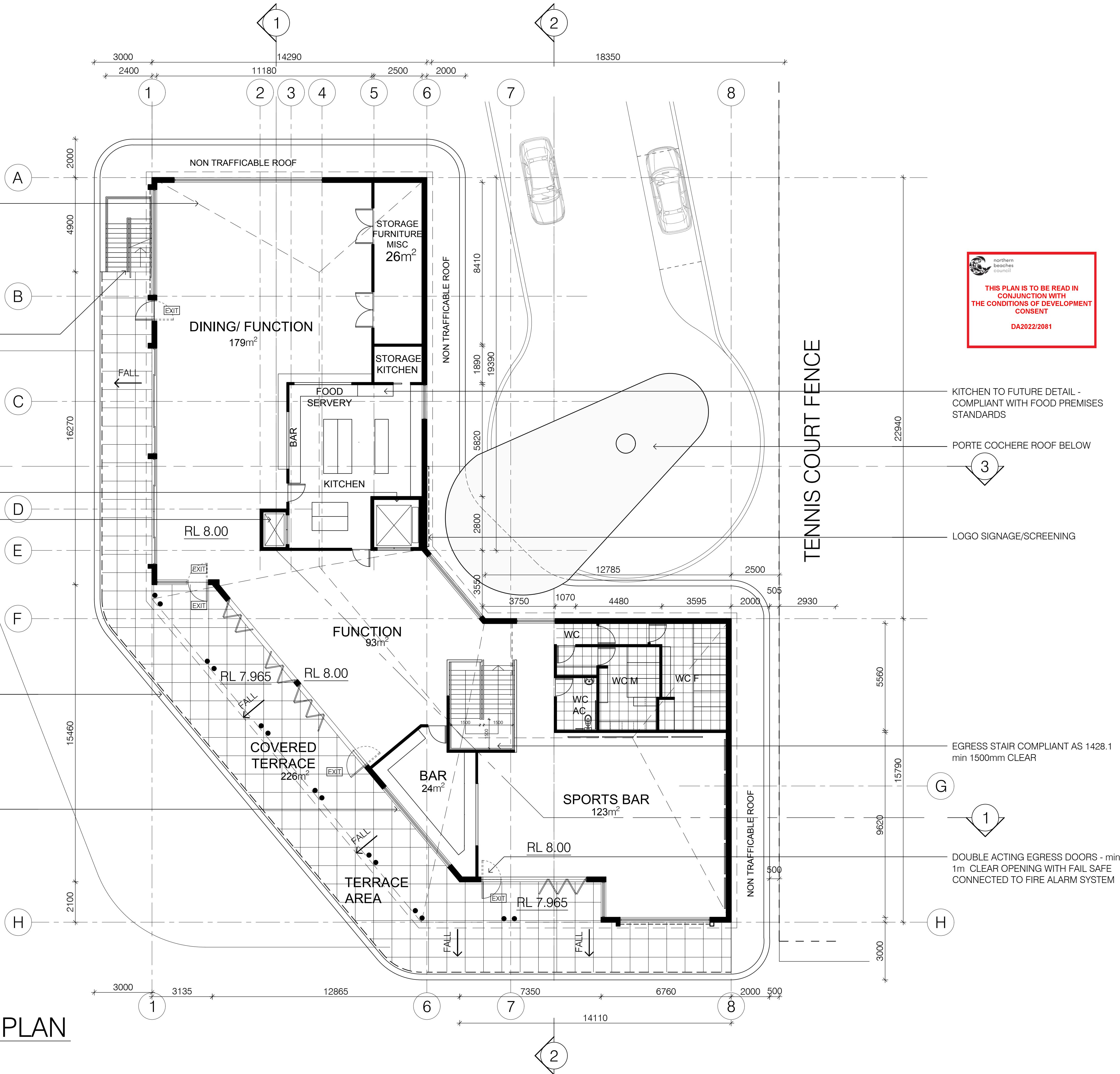
WARRINGAH GOLF AND  
COMMUNITY CLUB

address  
292 CONDOMINE RD  
NORTH MANLY

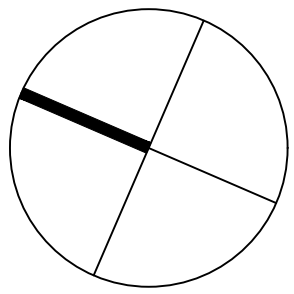
drawing  
FIRST FLOOR PLAN

SCALE: 1:200 @ A3  
ISSUE: 12. DATE: 25.08.2023  
DWG No.: GA2020-023-103

2 FIRST FLOOR PLAN  
1:200@A3







LEGEND:

northern  
beaches  
council

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

DA2022/2081

|       |                   |            |
|-------|-------------------|------------|
| 12.   | DA - AMENDMENT 3  | 25.08.2023 |
| 11.   | DA - AMENDMENT 2  | 29.01.2023 |
| 10.   | DA - AMENDMENT 1  | 24.01.2023 |
| 9.    | DA ISSUE          | 11.11.2022 |
| 8.    | DA ISSUE          | 12.10.2022 |
| 7.    | DA ISSUE          | 27.09.2022 |
| 6.    | DA ISSUE - PRELIM | 02.09.2022 |
| 5.    | PRELIMINARY DA    | 18.03.2022 |
| 4.    | PRELIMINARY       | 14.02.2022 |
| 3.    | PRELIMINARY       | 03.02.2022 |
| 2.    | PRELIMINARY       | JAN 2022   |
| 1.    | PRELIMINARY       | DEC 2021   |
| Issue | Amendment         | Date       |

ALL DIMENSIONS TO BE VERIFIED ON SITE. DIMENSIONS  
TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.  
ANY DISCREPANCIES TO BE REFERRED TO ARCHITECT  
BEFORE PROCEEDING. IF IN DOUBT, ASK!



**GROUP ARCHITECTS**  
Nominated Architect Julian Branchley 6246  
Group Architects Pty Limited ABN 82 600 366 069  
69 Macarthur St Ultimo NSW 2007  
T: +612 9660 1055 E: info@grouparchitects.com.au

WARRINGAH GOLF AND  
COMMUNITY CLUB

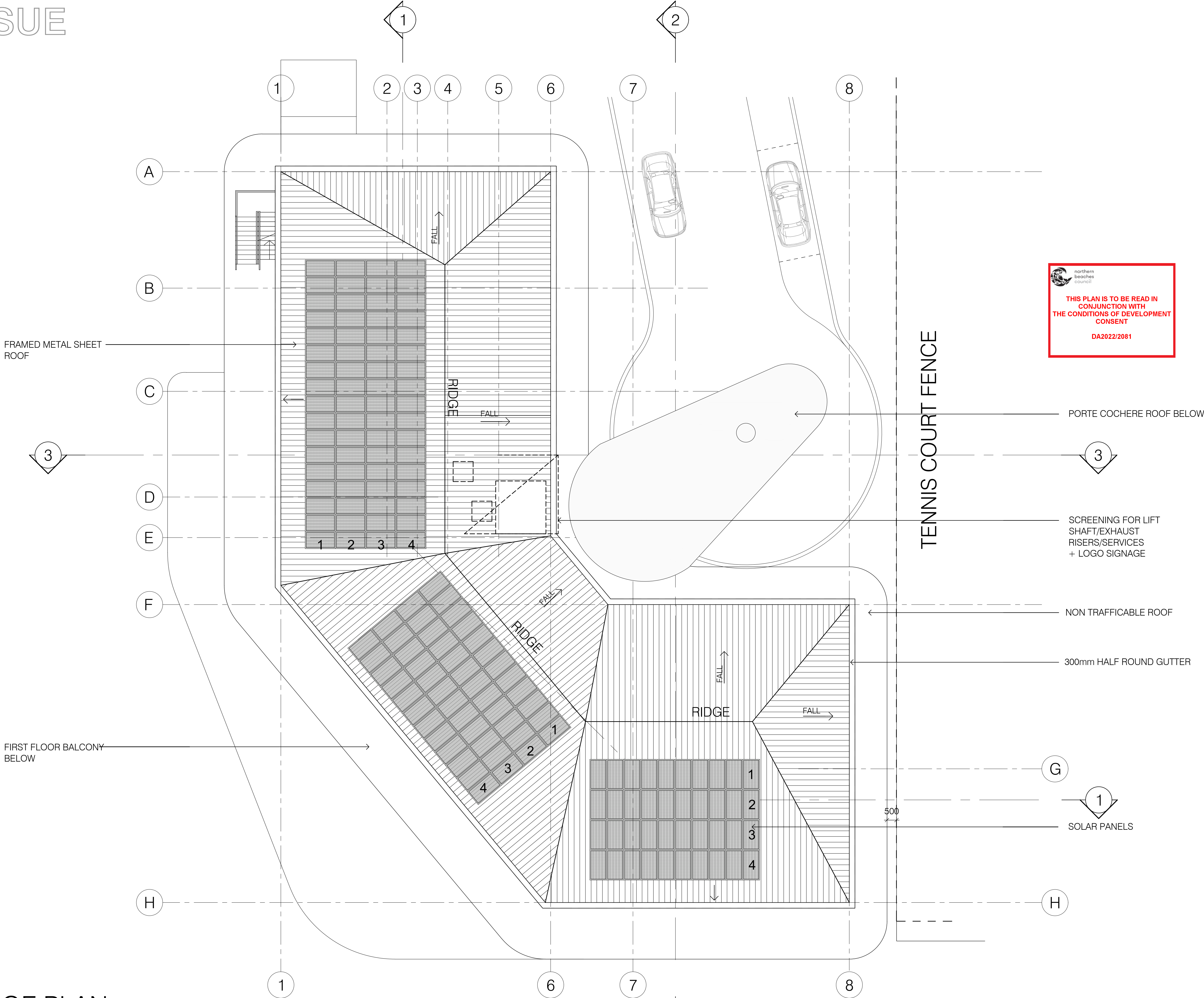
address  
292 CONDOMINE RD  
NORTH MANLY

drawing  
ROOF PLAN

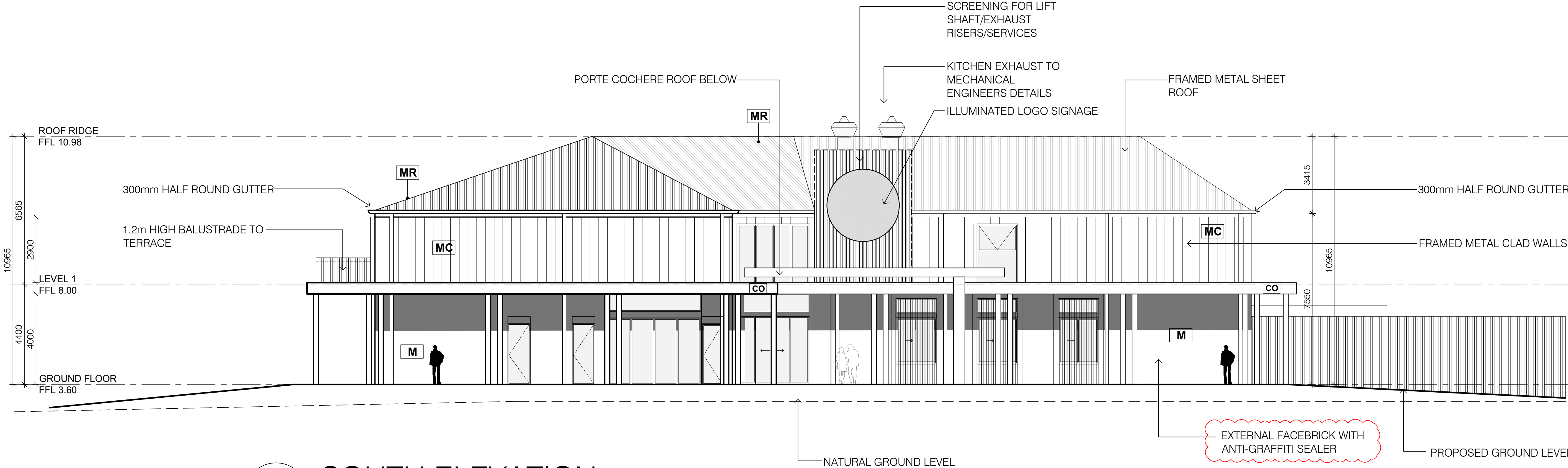
SCALE: 1:200 @ A3  
ISSUE: 12. DATE: 25.08.2023

DWG No.: GA2020-023-104

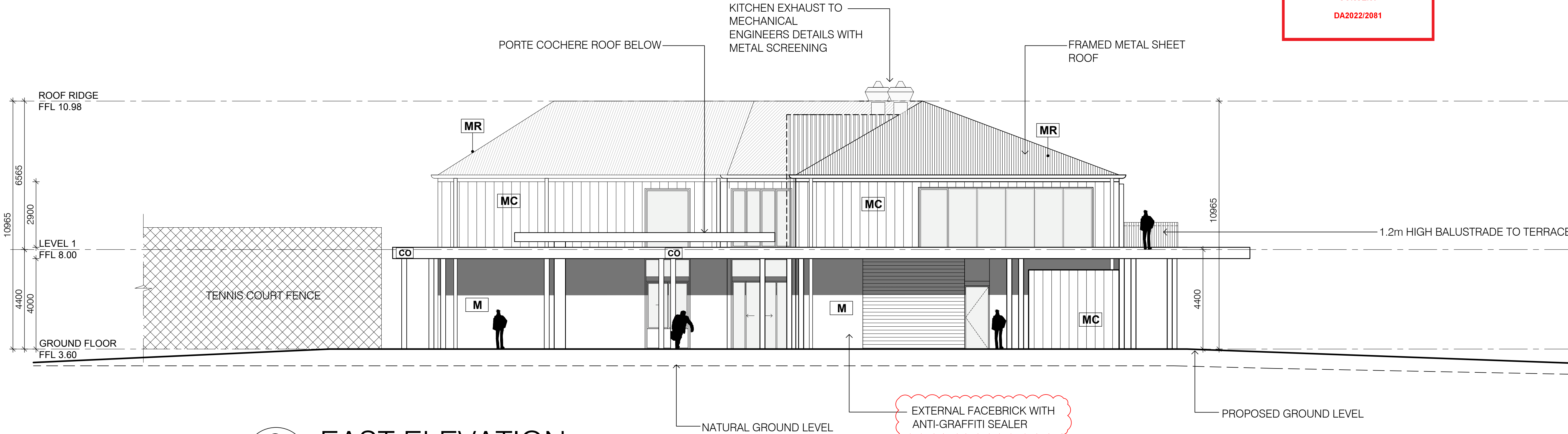
3 ROOF PLAN  
1:200@A3







1 SOUTH ELEVATION  
1:200@A3



2 EAST ELEVATION  
1:200@A3

**THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT**  
**DA2022/2081**

|       |                   |            |
|-------|-------------------|------------|
| 12.   | DA - AMENDMENT 3  | 25.08.2023 |
| 11.   | DA - AMENDMENT 2  | 29.01.2023 |
| 10.   | DA - AMENDMENT 1  | 24.01.2023 |
| 9.    | DA ISSUE          | 11.11.2022 |
| 8.    | DA ISSUE          | 12.10.2022 |
| 7.    | DA ISSUE          | 27.09.2022 |
| 6.    | DA ISSUE - PRELIM | 02.09.2022 |
| 5.    | PRELIMINARY DA    | 18.03.2022 |
| 4.    | PRELIMINARY       | 14.02.2022 |
| 3.    | PRELIMINARY       | 03.02.2022 |
| 2.    | PRELIMINARY       | JAN 2022   |
| 1.    | PRELIMINARY       | DEC 2021   |
| Issue | Amendment         | Date       |

ALL DIMENSIONS TO BE VERIFIED ON SITE. DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS. ANY DISCREPANCIES TO BE REFERRED TO ARCHITECT BEFORE PROCEEDING IF IN DOUBT, ASK!



**GROUP ARCHITECTS**  
Nominated Architect Julian Branchley 6246  
Group Architects Pty Limited ABN 82 600 366 069  
69 Macarthur St Ultimo NSW 2007  
T: +612 9660 1055 E: info@grouparchitects.com.au

**WARRINGAH GOLF AND COMMUNITY CLUB**

address  
292 CONDOMINE RD  
NORTH MANLY

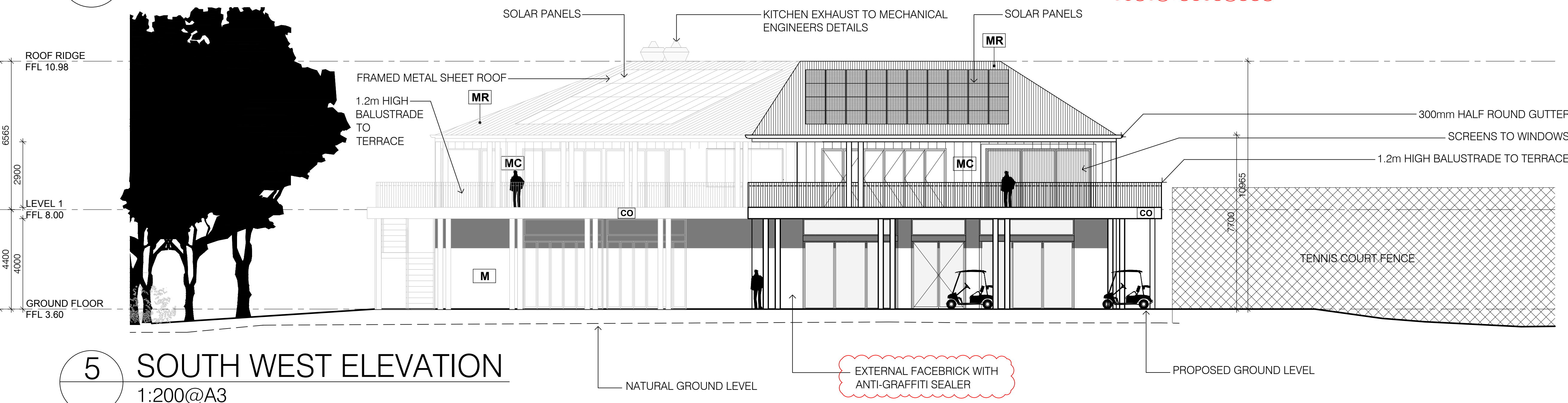
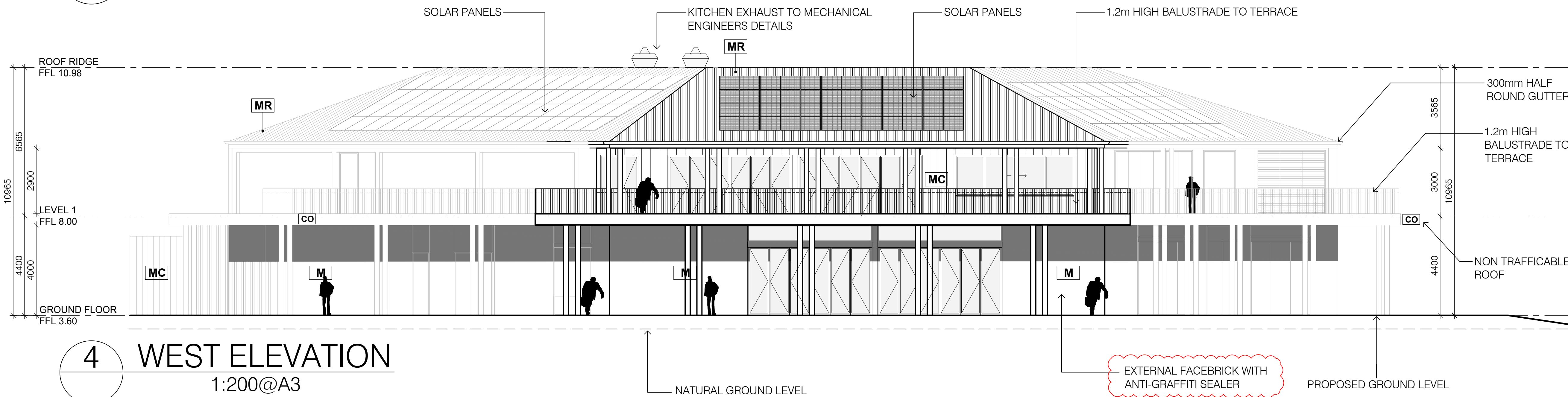
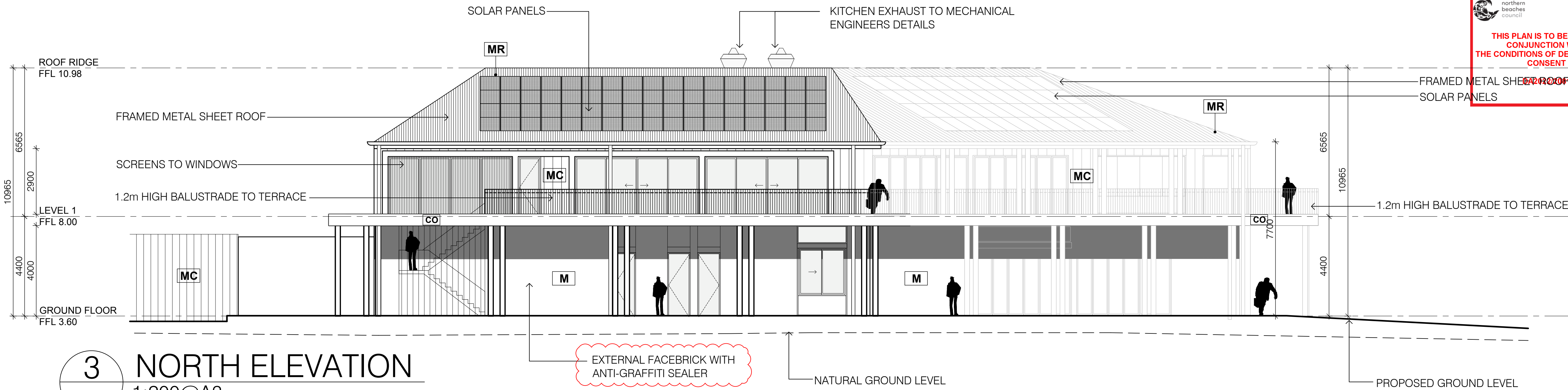
drawing  
**SOUTH AND EAST ELEVATIONS**

SCALE: 1:200 @ A3

ISSUE: 12. DATE: 25.08.2023

DWG No.: GA2020-006-200





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

LEGEND:

- CO CONCRETE
- BP BRICK PAVEMENT
- M MASONRY FACEBRICK
- MR METAL ROOFING
- MC METAL CLADDING
- CG CLEAR GLASS
- CG COMPACTED GRAVEL
- S SAND
- PE PEBBLE

|       |                   |            |
|-------|-------------------|------------|
| 12.   | DA - AMENDMENT 3  | 25.08.2023 |
| 11.   | DA - AMENDMENT 2  | 29.01.2023 |
| 10.   | DA - AMENDMENT 1  | 24.01.2023 |
| 9.    | DA ISSUE          | 11.11.2022 |
| 8.    | DA ISSUE          | 12.10.2022 |
| 7.    | DA ISSUE          | 27.09.2022 |
| 6.    | DA ISSUE - PRELIM | 02.09.2022 |
| 5.    | PRELIMINARY DA    | 18.03.2022 |
| 4.    | PRELIMINARY       | 14.02.2022 |
| 3.    | PRELIMINARY       | 03.02.2022 |
| 2.    | PRELIMINARY       | JAN 2022   |
| 1.    | PRELIMINARY       | DEC 2021   |
| Issue | Amendment         | Date       |

ALL DIMENSIONS TO BE VERIFIED ON SITE. DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS. ANY DISCREPANCIES TO BE REFERRED TO ARCHITECT BEFORE PROCEEDING IF IN DOUBT, ASK!



GROUP ARCHITECTS  
Nominated Architect Julian Branchley 6246  
Group Architects Pty Limited ABN 82 600 366 069  
69 Macarthur St Ultimo NSW 2007  
T: +612 9660 1055 E: info@grouparchitects.com.au

WARRINGAH GOLF AND  
COMMUNITY CLUB

address  
292 CONDOMINE RD  
NORTH MANLY

drawing  
NORTH, WEST, SOUTH-WEST  
ELEVATIONS

SCALE: 1:200 @ A3

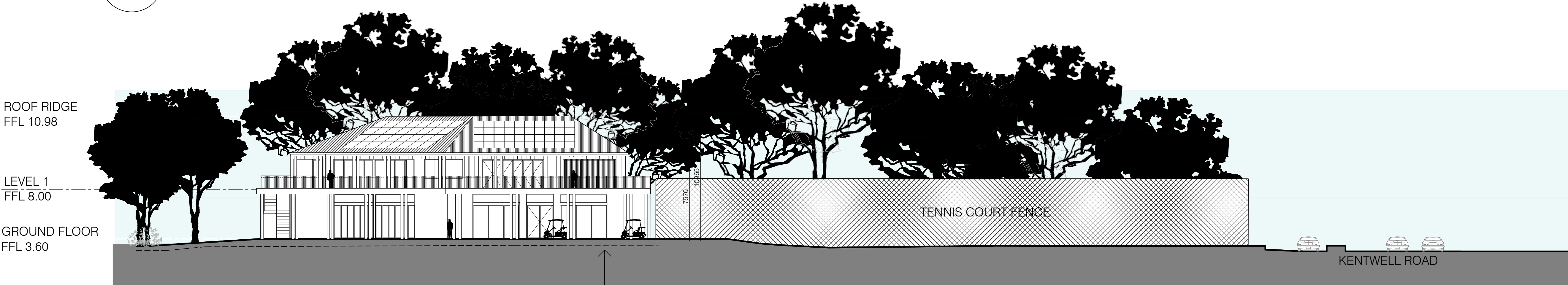
ISSUE: 12. DATE: 25.08.2023

DWG No.: GA2020-023-201





6 SOUTH SITE ELEVATION  
1:200@A3



7 SOUTH WEST SITE ELEVATION  
1:200@A3

northern  
beaches  
council

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

DA2022/2081



8 NORTH SITE ELEVATION  
1:200@A3

LEGEND:

|       |                   |            |
|-------|-------------------|------------|
| 12.   | DA - AMENDMENT 3  | 25.08.2023 |
| 11.   | DA - AMENDMENT 2  | 29.01.2023 |
| 10.   | DA - AMENDMENT 1  | 24.01.2023 |
| 9.    | DA ISSUE          | 11.11.2022 |
| 8.    | DA ISSUE          | 12.10.2022 |
| 7.    | DA ISSUE          | 27.09.2022 |
| 6.    | DA ISSUE - PRELIM | 02.09.2022 |
| 5.    | PRELIMINARY DA    | 18.03.2022 |
| 4.    | PRELIMINARY       | 14.02.2022 |
| 3.    | PRELIMINARY       | 03.02.2022 |
| 2.    | PRELIMINARY       | JAN 2022   |
| 1.    | PRELIMINARY       | DEC 2021   |
| Issue | Amendment         | Date       |

ALL DIMENSIONS TO BE VERIFIED ON SITE. DIMENSIONS  
TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.  
ANY DISCREPANCIES TO BE REFERRED TO ARCHITECT  
BEFORE PROCEEDING IF IN DOUBT, ASK!



GROUP ARCHITECTS  
Nominated Architect Julian Branchley 6246  
Group Architects Pty Limited ABN 82 600 366 069  
69 Macarthur St Ultimo NSW 2007  
T: +612 9660 1055 E: info@grouparchitects.com.au

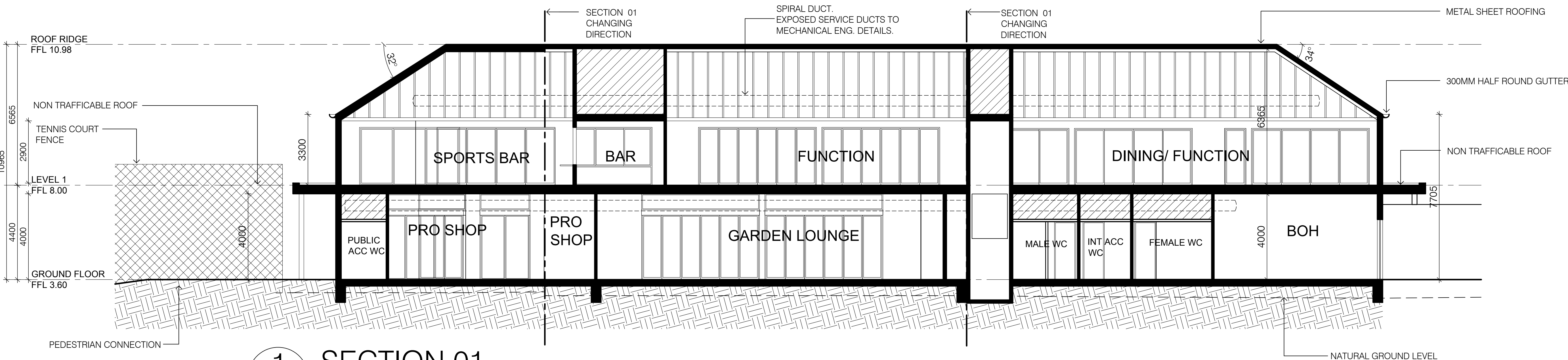
WARRINGAH GOLF AND  
COMMUNITY CLUB

address  
292 CONDOMINE RD  
NORTH MANLY

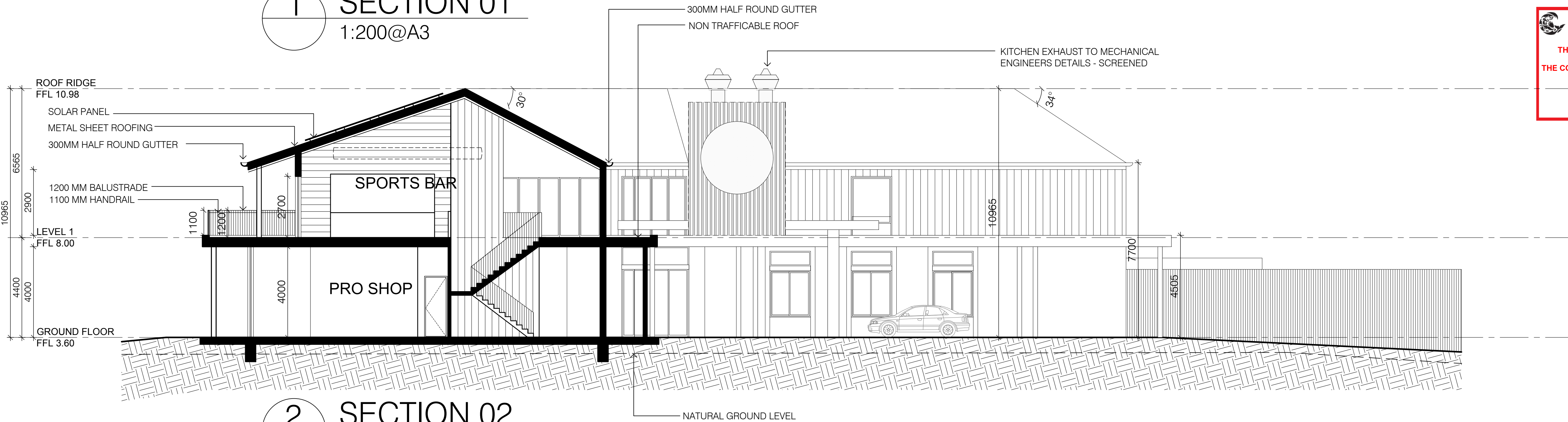
drawing  
SITE ELEVATIONS

SCALE: 1:200 @ A3  
ISSUE: 12. DATE: 25.08.2023  
DWG No.: GA2020-023-202

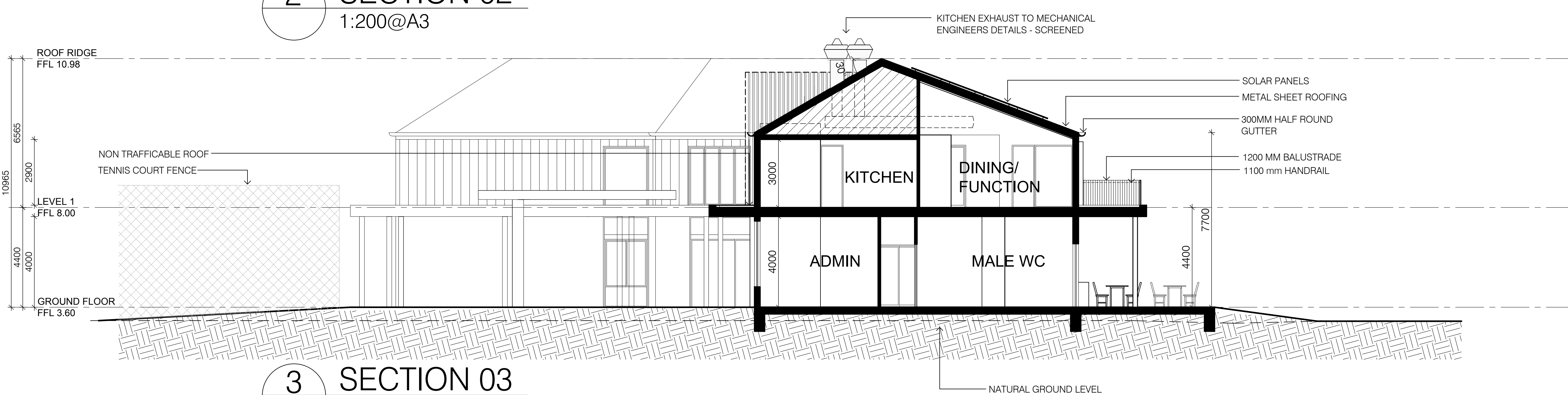




1 SECTION 01  
1:200@A3



2 SECTION 02  
1:200@A3



3 SECTION 03  
1:200@A3

LEGEND:

**THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT**  
**DA2022/2081**

|       |                   |            |
|-------|-------------------|------------|
| 12.   | DA - AMENDMENT 3  | 25.08.2023 |
| 11.   | DA - AMENDMENT 2  | 29.01.2023 |
| 10.   | DA - AMENDMENT 1  | 24.01.2023 |
| 9.    | DA ISSUE          | 11.11.2022 |
| 8.    | DA ISSUE          | 12.10.2022 |
| 7.    | DA ISSUE          | 27.09.2022 |
| 6.    | DA ISSUE - PRELIM | 02.09.2022 |
| 5.    | PRELIMINARY DA    | 18.03.2022 |
| 4.    | PRELIMINARY       | 14.02.2022 |
| 3.    | PRELIMINARY       | 03.02.2022 |
| 2.    | PRELIMINARY       | JAN 2022   |
| 1.    | PRELIMINARY       | DEC 2021   |
| Issue | Amendment         | Date       |

ALL DIMENSIONS TO BE VERIFIED ON SITE. DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS. ANY DISCREPANCIES TO BE REFERRED TO ARCHITECT BEFORE PROCEEDING. IF IN DOUBT, ASK!



**GROUP ARCHITECTS**  
Nominated Architect Julian Branchley 6246  
Group Architects Pty Limited ABN 82 600 366 069  
69 Macarthur St Ultimo NSW 2007  
T: +612 9660 1055 E: info@grouparchitects.com.au

**WARRINGAH GOLF AND COMMUNITY CLUB**

address  
292 CONDOMINE RD  
NORTH MANLY

drawing  
SECTIONS 1,2,3

SCALE: 1:200@A3  
ISSUE: 12. DATE: 25.08.2023  
DWG No.: GA2020-006-300





Image Source:  
SIXmaps

Note:  
- Contractors to check and verify all dimensions and all levels on site prior to any works.  
- Any discrepancies should be immediately referred to Serenescapes Landscape Designs.  
- All work to comply with B.C.A. Statutory Authorities and relevant Australian Standards.  
- Dimensions recognised over scaling. All measurements are in millimetres.  
- Copyright Serenescapes Landscape Designs 2022.

  
Serenescapes Landscape Designs  
ABN 71 611 726 222

Suite 54, 14 Narabang Way  
Belrose NSW 2085  
Tel: 02 9986 2157  
info@serenescapes.com.au  
www.serenescapes.com.au



Client:  
Warringah Golf Club Ltd.  
ABN:15 000 085 601

Project: New Warringah Golf & Community Club Clubhouse  
Site Address: 433 Pittwater Road  
North Manly NSW 2100

Drawing Title: Landscape Design  
Location Plan  
Project Number: 21956  
Scale: 1:500 @ A2  
Sheet Number: L-01 of 9

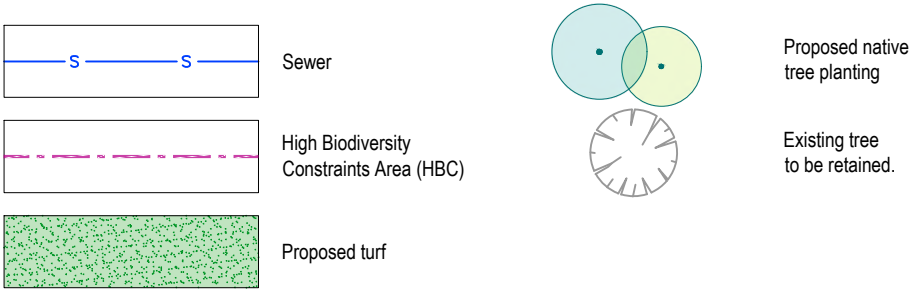
| Rev: | Date:      | Issue:            | Checked: |
|------|------------|-------------------|----------|
| B    | 18/10/2022 | Preliminary Issue | BF       |
| C    | 16/11/2022 | Preliminary Issue | BF       |
| D    | 18/11/2022 | DA Issue          | BF       |
| E    | 29/08/2023 | DA Issue          | BF       |







## LEGEND



## KEY

- A. Native tree planting to replace those removed for construction. To be planted in small groups to provide amenity to the lawn area and to frame views from the clubhouse into the course.
- B. Mixed native planting of low shrubs, grasses and groundcovers.
- C. Riparian planting using EEC species noted in the Flora and Fauna Constraints Assessment Report prepared by Narla Environmental to blend with future creek planting by Council.
- D. Open lawn areas to provide open vistas to golf course and areas for children to play.
- E. Access path to first tee and practice green. Avenue planting of small trees to create a sense of arrival / departure from the clubhouse.
- F. Proposed bridge (Future works by Council).
- G. New pipe with junction pit to convey flows to swale (Future works by Council).
- H. Swale inlet (Future works by Council).
- I. Relocated drainage swale (Future works by Council).
- J. Creek rejuvenation and riparian planting (Future works by Council).
- K. Existing foot bridge / stormwater headwall / bridge abutments to be removed and returned to natural state (Future works by Council).
- L. High Biodiversity Constraints Area (HBC) - Remove weed and exempt vegetation species throughout HBC area as noted in Figure 5. Biodiversity development constraints mapped within the Subject Site from the Flora and Fauna Constraints Assessment Report prepared by Narla Environmental in-line with findings in the Arboricultural Impact Assessment prepared by Abnoba Arbor Arboricultural Services.
- A reduced area of lawn and a planting buffer between the club terrace and the creek is shown to maintain a sense of continuity in the vicinity of the clubhouse. A mix of endemic riparian species will be planted beyond with the intent to create a seamless interface to the future creek / riparian works by Council and an area high in ecological and habitat value.
- M. Maintain and supplement existing habitat planting adjacent Pittwater Road and through the golf course (Future works by Council).

 northern beaches council

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

**DA2022/2081**

Image Source:  
SIXmaps

Note:  
- Contractors to check and verify all dimensions and all levels on site prior to any works.  
- Any discrepancies should be immediately referred to Serenescapes Landscape Designs.  
- All work to comply with B.C.A. Statutory Authorities and relevant Australian Standards.  
- Dimensions recognised over scaling. All measurements are in millimetres.  
- Copyright Serenescapes Landscape Designs 2022.

  
Serenescapes Landscape Designs  
ABN 71 611 726 222

Suite 54, 14 Narabang Way  
Belrose NSW 2085  
Tel: 02 9986 2157  
info@serenescapes.com.au  
www.serenescapes.com.au



Client:  
Warrigah Golf Club Ltd.  
ABN:15 000 085 601

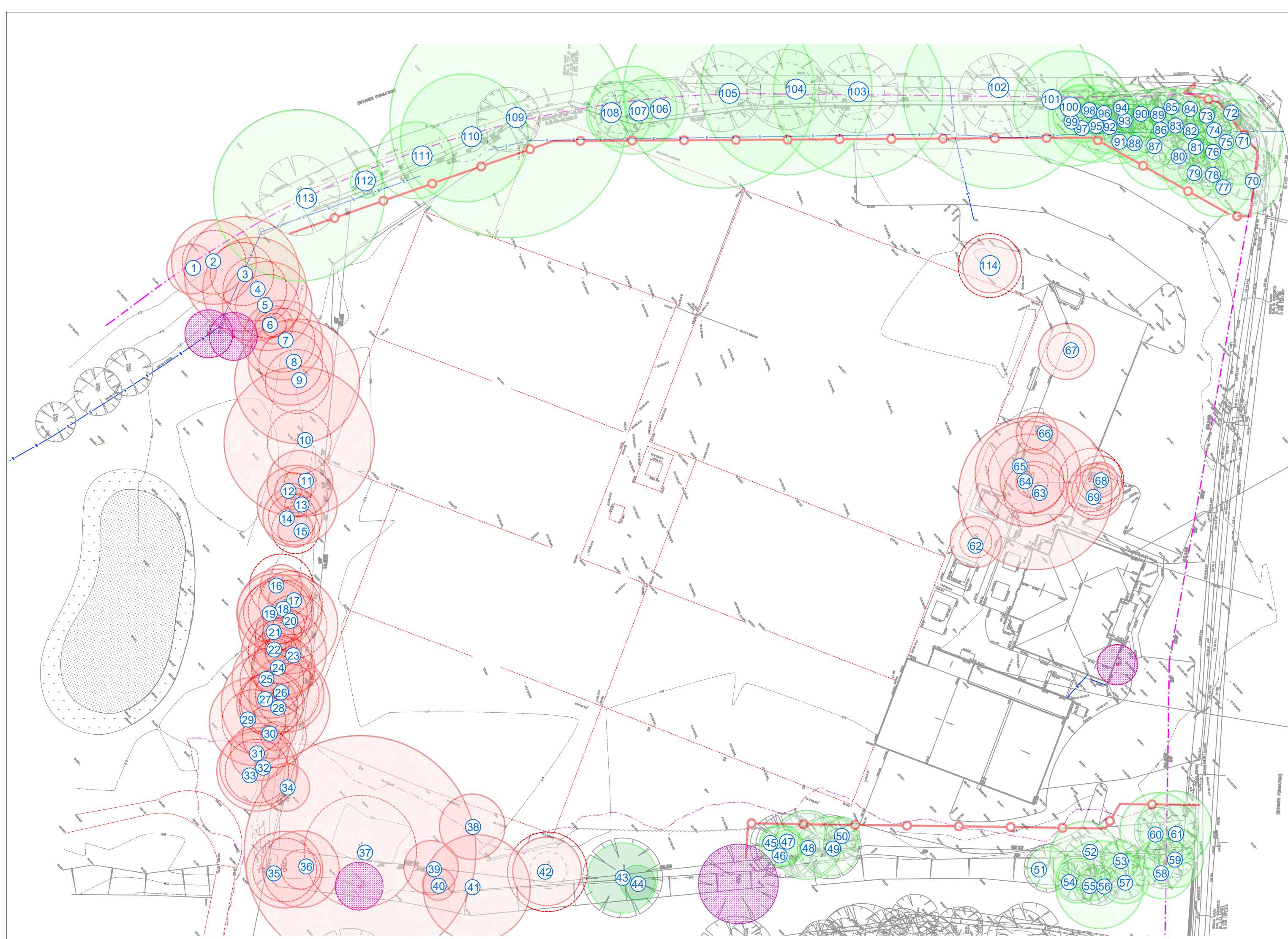
Project:  
New Warrigah Golf & Community Club Clubhouse  
Site Address:  
433 Pittwater Road  
North Manly NSW 2100

Drawing Title:  
Landscape Design  
Site Plan / Scope of Works  
Project Number:  
21956  
Scale:  
1:250 @ A2  
Sheet Number:  
L-02 of 9

| Rev: | Date:      | Issue:            | Checked: |
|------|------------|-------------------|----------|
| B    | 18/10/2022 | Preliminary Issue | BF       |
| C    | 16/11/2022 | Preliminary Issue | BF       |
| D    | 18/11/2022 | DA Issue          | BF       |
| E    | 29/08/2023 | DA Issue          | BF       |

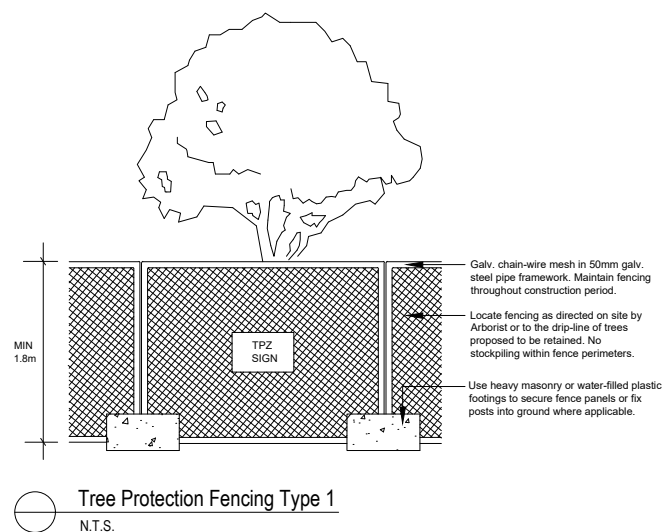






#### Legend

- Existing trees to be retained.  
Located on site by C.M.S.  
(Refer Survey plan 19741 detail, dated: 15.03.2021)
- Existing trees to be removed.  
Located on site by C.M.S.  
(Refer Survey plan 19741 detail, dated: 15.03.2021)
- Surveyed tree -  
No longer present on site
- Existing trees to be retained.  
Located on site by Abnoba Arbor.  
(Refer Arboricultural Impact Assessment, dated: 14.06.2023)
- Existing trees to be removed.  
Located on site by Abnoba Arbor.  
(Refer Arboricultural Impact Assessment dated 14.06.2023)
- TPZ fencing to  
Arborist's detail



Tree Protection Fencing Type 1  
N.T.S.

#### Notes:

In total 51 trees will be removed from the subject site to make way for the proposed works or because they are dead, exempt or weed species as noted below.

- Native / endemic species: 39
- Exempt / weed / dead species: 12

In total, 7 exempt trees and 1 dead tree will be removed from within the HBC area. Refer to the Arboricultural Impact Assessment prepared by Abnoba Arbor Arboricultural Services.

#### Replacement Tree Planting

39 native and endemic tree species are proposed to replace those removed for construction providing a 1:1 replacement ratio.

#### Discrepancy between survey and Arborist Site Drawings

There are minor discrepancies between the existing survey and the Arborist Site Drawings as noted in the legend and plan above. Both plans have been plotted to avoid confusion with conflicting information in other reports.

Trees located by the Abnoba Arbor take precedent over the existing survey.



| Tree ID | Tree Species                                     | Height (M) | Spread (M)<br>N, E, S, W | DBH (M) | DRB (M) | TPZ<br>Radius (M) | TPZ<br>Area (M2) | SRZ<br>Radius (M) | SRZ<br>Area (M2) | Remove / Retain |
|---------|--------------------------------------------------|------------|--------------------------|---------|---------|-------------------|------------------|-------------------|------------------|-----------------|
| T1      | Casuarina glauca (Swamp-Oak)                     | 12         | 5,2.3,2                  | 0.26    | 0.31    | 3.1               | 30.6             | 2.0               | 12.9             | Remove          |
| T2      | Casuarina glauca (Swamp-Oak)                     | 15         | 5,5.5,5                  | 0.44    | 0.56    | 5.3               | 87.8             | 2.6               | 21.1             | Remove          |
| T3      | Casuarina glauca (Swamp-Oak)                     | 15         | 5,5.2,2                  | 0.6     | 0.74    | 7.2               | 162.9            | 2.9               | 26.7             | Remove          |
| T4      | Casuarina glauca (Swamp-Oak)                     | 15         | 3,3.3,3                  | 0.54    | 0.69    | 6.5               | 131.9            | 2.8               | 25.2             | Remove          |
| T5      | Casuarina glauca (Swamp-Oak)                     | 15         | 4,4.4,4                  | 0.47    | 0.53    | 5.6               | 99.9             | 2.5               | 20.2             | Remove          |
| T6      | Casuarina glauca (Swamp-Oak)                     | 11         | 2,2.2,2                  | 0.2     | 0.27    | 2.4               | 18.1             | 1.9               | 11.5             | Remove          |
| T7      | Casuarina glauca (Swamp-Oak)                     | 15         | 6,5.4,6                  | 0.42    | 0.53    | 5.0               | 79.8             | 2.5               | 20.2             | Remove          |
| T8      | Casuarina glauca (Swamp-Oak)                     | 16         | 4,6.4,5                  | 0.44    | 0.53    | 5.3               | 87.6             | 2.5               | 20.2             | Remove          |
| T9      | Casuarina glauca (Swamp-Oak)                     | 17         | 8,8.8,7                  | 0.65    | 0.77    | 7.8               | 191.1            | 3.0               | 27.6             | Remove          |
| T10     | Casuarina glauca (Swamp-Oak)                     | 18         | 9,6.7,8                  | 0.78    | 0.91    | 9.4               | 275.2            | 3.2               | 31.8             | Remove          |
| T11     | Casuarina glauca (Swamp-Oak)                     | 19         | 4,4.4,4                  | 0.34    | 0.4     | 4.1               | 52.3             | 2.3               | 15.9             | Remove          |
| T12     | Casuarina glauca (Swamp-Oak)                     | 14         | 2,2.2,2                  | 0.19    | 0.23    | 2.3               | 16.3             | 1.8               | 10.0             | Remove          |
| T13     | Casuarina glauca (Swamp-Oak)                     | 17         | 8,6.7,6                  | 0.42    | 0.55    | 5.0               | 79.8             | 2.6               | 20.8             | Remove          |
| T14     | Casuarina glauca (Swamp-Oak)                     | 14         | 3,3.3,3                  | 0.31    | 0.38    | 3.7               | 43.5             | 2.2               | 15.3             | Remove          |
| T15     | Casuarina glauca (Swamp-Oak)                     | 13         | 2,2.2,2                  | 0.18    | 0.22    | 2.2               | 14.7             | 1.8               | 9.8              | Remove          |
| T16     | Casuarina glauca (Swamp-Oak)                     | 13         | 6,3.2,3                  | 0.22    | 0.3     | 2.6               | 21.9             | 2.0               | 12.5             | Remove          |
| T17     | Casuarina glauca (Swamp-Oak)                     | 14         | 2,2.2,2                  | 0.23    | 0.29    | 2.8               | 23.9             | 2.0               | 12.2             | Remove          |
| T18     | Casuarina glauca (Swamp-Oak)                     | 18         | 7,6.5,6                  | 0.44    | 0.56    | 5.3               | 87.8             | 2.6               | 21.1             | Remove          |
| T19     | Casuarina glauca (Swamp-Oak)                     | 17         | 4,2.2,4                  | 0.4     | 0.55    | 4.8               | 72.4             | 2.6               | 20.8             | Remove          |
| T20     | Casuarina glauca (Swamp-Oak)                     | 17         | 6,4.6,5                  | 0.52    | 0.66    | 6.2               | 122.3            | 2.8               | 24.3             | Remove          |
| T21     | Casuarina glauca (Swamp-Oak)                     | 13         | 2,2.2,2                  | 0.24    | 0.29    | 2.9               | 28.1             | 2.0               | 12.2             | Remove          |
| T22     | Casuarina glauca (Swamp-Oak)                     | 14         | 3,2.2,3                  | 0.24    | 0.29    | 2.9               | 26.1             | 2.0               | 12.2             | Remove          |
| T23     | Casuarina glauca (Swamp-Oak)                     | 19         | 6,5.8,7                  | 0.44    | 0.46    | 5.3               | 87.6             | 2.4               | 17.9             | Remove          |
| T24     | Casuarina glauca (Swamp-Oak)                     | 16         | 5,5.4,4                  | 0.32    | 0.41    | 3.8               | 46.3             | 2.3               | 16.3             | Remove          |
| T25     | Casuarina glauca (Swamp-Oak)                     | 19         | 4,5.4,6                  | 0.41    | 0.53    | 4.9               | 78.0             | 2.5               | 20.2             | Remove          |
| T26     | Casuarina glauca (Swamp-Oak)                     | 18         | 4,5.6,5                  | 0.39    | 0.52    | 4.7               | 68.8             | 2.5               | 19.9             | Remove          |
| T27     | Casuarina glauca (Swamp-Oak)                     | 16         | 3,3.3,3                  | 0.32    | 0.4     | 3.8               | 46.3             | 2.3               | 15.9             | Remove          |
| T28     | Casuarina glauca (Swamp-Oak)                     | 19         | 8,4.4,8                  | 0.57    | 0.77    | 8.8               | 147.0            | 3.0               | 27.6             | Remove          |
| T29     | Casuarina glauca (Swamp-Oak)                     | 19         | 5,5.5,5                  | 0.46    | 0.66    | 5.5               | 95.7             | 2.8               | 24.3             | Remove          |
| T30     | Casuarina glauca (Swamp-Oak)                     | 7          | 2,3.4,2                  | 0.15    | 0.19    | 1.8               | 10.2             | 1.6               | 8.5              | Remove          |
| T31     | Casuarina glauca (Swamp-Oak)                     | 16         | 4,2.5,3                  | 0.3     | 0.38    | 3.6               | 40.7             | 2.2               | 15.3             | Remove          |
| T32     | Casuarina glauca (Swamp-Oak)                     | 18         | 5,4.5,4                  | 0.41    | 0.46    | 4.9               | 76.0             | 2.4               | 17.9             | Remove          |
| T33     | Casuarina glauca (Swamp-Oak)                     | 19         | 4,5.5,4                  | 0.42    | 0.5     | 5.0               | 79.8             | 2.5               | 19.2             | Remove          |
| T34     | Harpephyllum caffrum (Kaffir Plum)               | 9          | 5,5.5,5                  | 0.25    | 0.32    | 3.0               | 28.3             | 2.1               | 13.2             | Remove          |
| T35     | Cupressus species (Conifer)                      | 14         | 5,4.2,5                  | 0.4     | 0.56    | 4.8               | 72.4             | 2.6               | 21.1             | Remove          |
| T36     | Harpephyllum caffrum (Kaffir Plum)               | 14         | 5,5.5,5                  | 0.4     | 0.66    | 4.8               | 72.4             | 2.8               | 24.3             | Remove          |
| T37     | Harpephyllum caffrum (Kaffir Plum)               | 16         | 9,9.9,9                  | 1.21    | 1.11    | 14.5              | 662.3            | 3.5               | 37.6             | Remove          |
| T38     | Cinnamomum camphora (Camphor Laurel)             | 9          | 4,4.4,4                  | 0.34    | 0.66    | 4.1               | 52.3             | 2.8               | 24.3             | Remove          |
| T39     | Glochidion ferdinandi (Cheese Tree)              | 12         | 4,4.4,5                  | 0.28    | 0.31    | 3.4               | 35.5             | 2.0               | 12.9             | Remove          |
| T40     | Cupressus species (Conifer)                      | 11         | 2,2.2,2                  | 0.13    | 0.15    | 1.6               | 7.6              | 1.5               | 7.0              | Remove          |
| T41     | Harpephyllum caffrum (Kaffir Plum)               | 8          | 6,5.6,6                  | 0.56    | 0.77    | 6.7               | 141.8            | 3.0               | 27.6             | Remove          |
| T42     | Eucalyptus robusta (Swamp Mahogany)              | 16         | 6,5.6,4                  | 0.36    | 0.42    | 4.3               | 58.6             | 2.3               | 16.6             | Remove          |
| T43     | Eucalyptus robusta (Swamp Mahogany)              | 12         | 6,6.6,6                  | 0.37    | 0.42    | 4.4               | 61.9             | 2.3               | 16.6             | Retain          |
| T44     | Eucalyptus robusta (Swamp Mahogany)              | 14         | 2,2.2,2                  | 0.18    | 0.23    | 2.2               | 14.7             | 1.8               | 10.0             | Retain          |
| T45     | Syagrus romanzoffiana (Cocos Palm)               | 9          | 2,2.2,2                  | 0.22    | 0.28    | 2.6               | 21.9             | 1.9               | 11.8             | Retain          |
| T46     | Angophora costata (Sydney Red Gum)               | 11         | 3,2.4,e                  | 0.22    | 0.29    | 2.6               | 21.9             | 2.0               | 12.2             | Retain          |
| T47     | Eucalyptus robusta (Swamp Mahogany)              | 8          | 5,3.2,5                  | 0.17    | 0.22    | 2.0               | 13.1             | 1.8               | 9.8              | Retain          |
| T48     | Eucalyptus robusta (Swamp Mahogany)              | 14         | 4,5.6,4                  | 0.36    | 0.42    | 4.3               | 58.6             | 2.3               | 16.6             | Retain          |
| T49     | Eucalyptus robusta (Swamp Mahogany)              | 14         | 5,5.5,5                  | 0.31    | 0.39    | 3.7               | 43.5             | 2.2               | 15.6             | Retain          |
| T50     | Pittosporum undulatum (Sweet Pittosporum)        | 6          | 3,3.3,3                  | 0.18    | 0.19    | 2.2               | 14.7             | 1.6               | 8.5              | Retain          |
| T51     | Melaleuca linariifolia (Snow in Summer)          | 6          | 3,2.4,3                  | 0.22    | 0.28    | 2.6               | 21.9             | 1.9               | 11.8             | Retain          |
| T52     | Angophora costata (Sydney Red Gum)               | 12         | 4,4.3,4                  | 0.36    | 0.44    | 4.3               | 58.6             | 3                 | 17.3             | Retain          |
| T53     | Angophora costata (Sydney Red Gum)               | 10         | 3,2.2,4                  | 0.19    | 0.22    | 2.3               | 16.3             | 1.8               | 9.8              | Retain          |
| T54     | Casuarina glauca (Swamp-Oak)                     | 12         | 2,2.3,2                  | 0.23    | 0.26    | 2.8               | 23.9             | 1.9               | 11.1             | Retain          |
| T55     | Casuarina glauca (Swamp-Oak)                     | 12         | 2,2.2,2                  | 0.17    | 0.22    | 2.0               | 13.1             | 1.8               | 9.6              | Retain          |
| T56     | Casuarina glauca (Swamp-Oak)                     | 14         | 3,3.3,4                  | 0.46    | 0.55    | 5.5               | 95.7             | 2.1               | 14.2             | Retain          |
| T57     | Casuarina glauca (Swamp-Oak)                     | 13         | 3,3.3,3                  | 0.26    | 0.33    | 3.1               | 30.6             | 2.1               | 13.6             | Retain          |
| T58     | Casuarina glauca (Swamp-Oak)                     | 14         | 4,4.4,4                  | 0.32    | 0.4     | 3.8               | 46.3             | 2.3               | 15.9             | Retain          |
| T59     | Casuarina glauca (Swamp-Oak)                     | 15         | 4,4.3,2                  | 0.31    | 0.36    | 3.7               | 43.5             | 2.2               | 14.6             | Retain          |
| T60     | Callistemon viminalis (Weeping Bottlebrush)      | 6          | 4,5.6,4                  | 0.4     | 0.41    | 4.8               | 72.4             | 2.3               | 16.3             | Retain          |
| T61     | Callistemon viminalis (Weeping Bottlebrush)      | 6          | 4,3.5,4                  | 0.38    | 0.39    | 4.6               | 65.3             | 2.2               | 15.6             | Retain          |
| T62     | Magnolia grandiflora (White magnolia)            | 7          | 3,3.3,3                  | 0.27    | 0.3     | 3.2               | 33.0             | 2.0               | 12.5             | Remove          |
| T63     | Melaleuca quinquenervia (Broad-Leafed Paperbark) | 15         | 5,6.7,5                  | 0.8     | 1.11    | 9.6               | 289.5            | 3.5               | 37.6             | Remove          |
| T64     | Syzygium paniculatum (Magenta Lilly Pilly)       | 9          | 1,2.3,1                  | 0.33    | 0.4     | 4.0               | 49.3             | 2.3               | 15.9             | Remove          |
| T65     | Syzygium paniculatum (Magenta Lilly Pilly)       | 15         | 6,4.6,3                  | 0.55    | 0.6     | 6.6               | 136.8            | 2.7               | 22.4             | Remove          |
| T66     | Cupressus species (Conifer)                      | 9          | 2,3.2,3                  | 0.22    | 0.31    | 2.6               | 21.9             | 2.0               | 12.9             | Remove          |
| T67     | Cupressus species (Conifer)                      | 10         | 3,3.3,2                  | 0.29    | 0.33    | 3.5               | 38.0             | 2.1               | 13.6             | Remove          |
| T68     | Archontophoenix spp. (Alev/Bangalow Palm)        | 8          | 2,2.2,2                  | 0.18    | 0.44    | 2.2               | 14.7             | 2.3               | 17.3             | Remove          |
| T69     | Ficus benjaminia (Weeping Fig)                   | 6          | 4,4.4,4                  | 0.29    | 0.3     | 3.5               | 38.0             | 2.0               | 12.5             | Remove          |
| T70     | Callistemon viminalis (Weeping Bottlebrush)      | 6          | 4,4.4,4                  | 0.36    | 0.44    | 4.3               | 58.6             | 2.3               | 17.3             | Retain          |
| T71     | Callistemon viminalis (Weeping Bottlebrush)      | 6          | 5,4.3,5                  | 0.44    | 0.47    | 5.3               | 87.6             | 2.4               | 18.2             | Retain          |
| T72     | Casuarina glauca (Swamp-Oak)                     | 13         | 3,3.3,3                  | 0.34    | 0.4     | 4.1               | 52.3             | 2.3               | 15.9             | Retain          |
| T73     | Casuarina glauca (Swamp-Oak)                     | 13         | 3,3.3,3                  | 0.28    | 0.39    | 3.4               | 35.5             | 2.2               | 15.6             | Retain          |
| T74     | Casuarina glauca (Swamp-Oak)                     | 13         | 3,3.3,3                  | 0.2     | 0.4     | 2.4               | 18.1             | 2.3               | 15.9             | Retain          |
| T75     | Casuarina glauca (Swamp-Oak)                     | 13         | 3,3.3,3                  | 0.25    | 0.3     | 3.0               | 28.3             | 2.0               | 12.5             | Retain          |
| T76     | Casuarina glauca (Swamp-Oak)                     | 13         | 3,3.3,3                  | 0.25    | 0.3     | 3.0               | 28.3             | 2.0               | 12.5             | Retain          |
| T77     | Casuarina glauca (Swamp-Oak)                     | 13         | 3,3.3,3                  | 0.36    | 0.41    | 4.3               | 58.6             | 2.3               | 16.3             | Retain          |
| T78     | Casuarina glauca (Swamp-Oak)                     | 13         | 3,3.3,3                  | 0.2     | 0.28    | 2.4               | 18.1             | 1.9               | 11.8             | Retain          |
| T79     | Casuarina glauca (Swamp-Oak)                     | 13         | 3,3.3,3                  | 0.32    | 0.43    | 3.8               | 46.3             | 2.3               | 16.9             | Retain          |
| T80     | Casuarina glauca (Swamp-Oak)                     | 13         | 3,3.3,3                  | 0.3     | 0.35    | 3.6               | 40.7             | 2.1               | 14.2             | Retain          |
| T81     | Casuarina glauca (Swamp-Oak)                     | 13         | 3,3.3,3                  | 0.25    | 0.3     | 3.0               | 28.3             | 2.0               | 12.5             | Retain          |
| T82     | Casuarina glauca (Swamp-Oak)                     | 13         | 3,3.3,3                  | 0.25    | 0.3     | 3.0               | 28.3             | 2.0               | 12.5             | Retain          |
| T83     | Casuarina glauca (Swamp-Oak)                     | 13         | 3,3.3,3                  | 0.25    | 0.3     | 3.0               | 28.3             | 2.0               | 12.5             | Retain          |
| T84     | Casuarina glauca (Swamp-Oak)                     | 13         | 3,3.3,3                  | 0.25    | 0.3     | 3.0               | 28.3             | 2.0               | 12.5             | Retain          |
| T85     | Casuarina glauca (Swamp-Oak)                     | 13         | 3,3.3,3                  | 0.25    | 0.3     | 3.0               | 28.3             | 2.0               | 12.5             | Retain          |
| T86     | Casuarina glauca (Swamp-Oak)                     | 13         | 3,3.3,3                  | 0.25    | 0.3     | 3.0               | 28.3             | 2.0               | 12.5             | Retain          |
| T87     | Casuarina glauca (Swamp-Oak)                     | 13         | 3,3.3,3                  | 0.47    | 0.45    | 5.6               | 99.9             | 2.4               | 17.6             | Retain          |
| T88     | Casuarina glauca (Swamp-Oak)                     | 13         | 3,3.3,3                  | 0.34    | 0.4     | 4.1               | 52.3             | 2.3               | 15.9             | Retain          |
| T89     | Casuarina glauca (Swamp-Oak)                     | 13         | 3,3.3,3                  | 0.25    | 0.3     | 3.0               | 28.3             | 2.0               | 12.5             | Retain          |
| T90     | Casuarina glauca (Swamp-Oak)                     | 13         | 3,3.3,3                  | 0.25    | 0.3     | 3.0               | 28.3             | 2.0               | 12.5             | Retain          |
| T91     | Casuarina glauca (Swamp-Oak)                     | 13         | 3,3.3,3                  | 0.28    | 0.32    | 3.4               | 35.5             | 2.1               | 13.2             | Retain          |
| T92     | Casuarina glauca (Swamp-Oak)                     | 13         | 3,3.3,3                  | 0.36    | 0.39    | 4.3               | 58.6             | 2.2               | 15.6             | Retain          |
| T93     | Casuarina glauca (Swamp-Oak)                     | 13         | 3,3.3,3                  | 0.25    | 0.3     | 3.0               | 28.3             | 2.0               | 12.5             | Retain          |
| T94     | Casuarina glauca (Swamp-Oak)                     | 13         | 3,3.3,3                  | 0.25    | 0.3     | 3.0               | 28.3             | 2.0               | 12.5             | Retain          |
| T95     | Casuarina glauca (Swamp-Oak)                     | 13         | 3,3.3,3                  | 0.32    | 0.4     | 3.8               | 46.3             | 2.3               | 15.9             | Retain          |
| T96     | Casuarina glauca (Swamp-Oak)                     | 13         | 3,3.3,3                  | 0.41    | 0.47    | 4.9               | 76.0             | 2.4               | 18.2             | Retain          |
| T97     | Casuarina glauca (Swamp-Oak)                     | 13         | 3,3.3,3                  | 0.46    | 0.49    | 5.5               | 95.7             | 2.5               | 18.9             | Retain          |
| T98     | Casuarina glauca (Swamp-Oak)                     | 13         | 3,3.3,3                  | 0.25    | 0.3     | 3.0               | 28.3             | 2.0               | 12.5             | Retain          |
| T99     | Casuarina glauca (Swamp-Oak)                     | 13         | 3,3.3,3                  | 0.29    | 0.35    | 3.5               | 38.0             | 2.1               | 14.2             | Retain          |
| T100    | Casuarina glauca (Swamp-Oak)                     | 13         | 3,3.3,3                  | 0.3     | 0.34    | 3.6               | 40.7             | 2.1               | 13.9             | Retain          |
| T101    | Casuarina glauca (Swamp-Oak)                     | 13         | 3,3.3,3                  | 0.6     | 0.67    | 7.2               | 162.9            | 2.8               | 24.6             | Retain          |
| T102    | Melaleuca quinquenervia (Broad-Leafed Paperbark) | 18         | 7,7.7,8                  | 0.99    | 1.12    | 11.9              | 443.4            | 3.5               | 37.8             | Retain          |
| T103    | Melaleuca quinquenervia (Broad-Leafed Paperbark) | 14         | 6,7.7,7                  | 0.86    | 1       | 10.6              | 350.3            | 3.3               | 34.4             | Retain          |
| T104    | Melaleuca quinquenervia (Broad-Leafed Paperbark) | 15         | 7,7.7,8                  | 0.89    | 0.98    | 10.7              | 358.3            | 3.3               | 33.8             | Retain          |
| T105    | Melaleuca quinquenervia (Broad-Leafed Paperbark) | 15         | 8,8.8,8                  | 1       | 99      | 2.0               | 452.4            | 3.3               | 34.1             | Retain          |
| T106    | Glochidion ferdinandi (Cheese Tree)              | 6          | 5,5.5,5                  | 0.34    | 0.43    | 4.1               | 52.3             | 2.3               | 16.9             | Retain          |
| T107    | Glochidion ferdinandi (Cheese Tree)              | 7          | 5,4.4,5                  | 0.46    | 0.55    | 5.5               | 95.7             | 2.6               | 20.8             | Retain          |
| T108    | Glochidion ferdinandi (Cheese Tree)              | 8          | 5,6.7,5                  | 0.34    | 0.48    | 4.1               | 52.3             | 2.4               | 18.6             | Retain          |
| T109    | Melaleuca quinquenervia (Broad-Leafed Paperbark) | 18         | 8,2.3,8                  | 1.23    | 1.4     | 14.8              | 694.4            | 3.8               | 45.6             | Retain          |
| T110    | Melaleuca quinquenervia (Broad-Leafed Paperbark) | 15         | 5,6.4,6                  | 0.67    | 0.78    | 8.0               | 203.1            | 3.0               | 27.9             | Retain          |
| T111    | Glochidion ferdinandi (Cheese Tree)              |            |                          |         |         |                   |                  |                   |                  |                 |



| ZONE A PROPOSED PLANT SCHEDULE                                                   |                                |                                      |                        |     |               |          |
|----------------------------------------------------------------------------------|--------------------------------|--------------------------------------|------------------------|-----|---------------|----------|
| SYMBOL                                                                           | KEY                            | BOTANICAL NAME                       | COMMON NAME            | QTY | MATURE HEIGHT | POT SIZE |
|  | CG <sup>AD</sup>               | <b>TREES</b><br>CASUARINA GLAUCA     | SWAMP OAK              | 2   | 20m           | 140Ltr   |
|                                                                                  | MQ <sup>AD</sup>               | MELALEUCA QUINQUINERVIA              | PAPERBARK              | 3   | 15m           | 140Ltr   |
|  | CP <sup>D</sup>                | <b>SHRUBS</b><br>CRINUM PEDUNCULATUM | RIVER LILY             | 8   | 2m            | 200mm    |
|                                                                                  | CS <sup>AS</sup>               | CALLICOMA SERRATIFOLIA               | BLACK WATTLE           | 6   | 6m            | 200mm    |
|                                                                                  | CV <sup>T</sup>                | CALLISTEMON LINEARIFOLIUS            | NETTED BOTTLEBRUSH     | 1   | 4m            | 45Ltr    |
|                                                                                  | DT <sup>T</sup>                | DODONAEA TRIQUETRA                   | COMMON HOP-BUSH        | 7   | 3m            | 200mm    |
|                                                                                  | GL <sup>T</sup>                | GREVILLEA LINEARIFOLIA               | WHITE SPIDER FLOWER    | 6   | 3.0m          | 200mm    |
|  | <b>GRASSES / GROUND COVERS</b> |                                      |                        |     |               |          |
|                                                                                  | BS <sup>T</sup>                | BLECHNUM GIBBUM 'SILVER LADY'        | SILVER LADY FERN       | 5   | 1m            | 200mm    |
|                                                                                  | CD <sup>A</sup>                | CALOCHLAENA DUBIA                    | SOFT BRACKEN           | 7   | 0.6m          | 140mm    |
|                                                                                  | CY <sup>D</sup>                | COMMELINA CYANEA                     | SCURVY WEED            | 19  | 0.3m          | tubes    |
|                                                                                  | DC <sup>AD</sup>               | DIANELLA CAERULEA                    | BLUE FLAX LILY         | 27  | 0.6m          | 140mm    |
|                                                                                  | GH <sup>T</sup>                | GAHNIA CLARKEI                       | SAW SEDGE              | 12  | 1.5m          | 140mm    |
|                                                                                  | HS <sup>T</sup>                | HIBBERTIA SCANDENS                   | CLIMBING GUINEA FLOWER | 10  | 0.3           | 140mm    |
|                                                                                  | IC <sup>D</sup>                | IMPERATA CYLINDRICA                  | BLADY GRASS            | 11  | 0.7           | tubes    |
|                                                                                  | JK <sup>T</sup>                | JUNCUS KRAUSII subsp. AUSTRALIENSIS  | SEA RUSH               | 5   | 0.6m          | 140mm    |
|                                                                                  | KR <sup>T</sup>                | KENNEDIA RUBICUNDA                   | DUSKY CORAL PEA        | 5   | 0.3           | 140mm    |
|                                                                                  | LL <sup>AD</sup>               | LOMANDRA LONGIFOLIA                  | SPINY-HEADED MAT-RUSH  | 17  | 1m            | tubes    |
|                                                                                  | VH <sup>A</sup>                | VIOLA HEDERACEA                      | NATIVE VIOLET          | 25  | 0.1m          | tubes    |

<sup>A</sup> Denotes species selected from the Estuarine Swamp Oak Forest threatened ecological plant community - (ESOF).  
<sup>D</sup> Denotes species selected from the Swamp Oak Floodplain Forest in the NSW North Coast, Sydney Basin and South East Corner Bioregions Threatened plant community - (SOFF).  
<sup>#</sup> Denotes species selected from Northern Beaches Council Native Plant Species Guide - Curl Curl Ward - (NBNP).  
<sup>\*</sup> Denotes native plant or cultivar.

Total plants: 176 (100%)

Native plants - ESOF: 58 (34.09%)  
Native plants - SOFF: 82 (46.59%)  
Native plants - NBNP: 28 (15.91%)  
Other native plant/cultivar: 6 (3.41%)

Total locally native plants: 168 (96.59%)  
Total other native plants: 174 (100%)



Beyond scope of works.  
Refer to L-01 for details.

Refer to L-05 for details.

Beyond scope of works.  
Refer to L-01 for details.

Note:  
- Contractors to check and verify all dimensions and all levels on site prior to any works.  
- Any discrepancies should be immediately referred to Serenescapes Landscape Designs.  
- All work to comply with B.C.A. Statutory Authorities and relevant Australian Standards.  
- Dimensions recognised over scaling. All measurements are in millimetres.  
- Copyright Serenescapes Landscape Designs 2022.



Serenescapes Landscape Designs  
ABN 71 611 726 222

Suite 54, 14 Narabang Way  
Belrose NSW 2085  
Tel: 02 9986 2157  
info@serenescapes.com.au  
www.serenescapes.com.au



Client:  
Warragah Golf Club Ltd.  
ABN:15 000 085 601

Project:  
New Warrigah Golf & Community Club Clubhouse  
Site Address:  
433 Pittwater Road  
North Manly NSW 2100

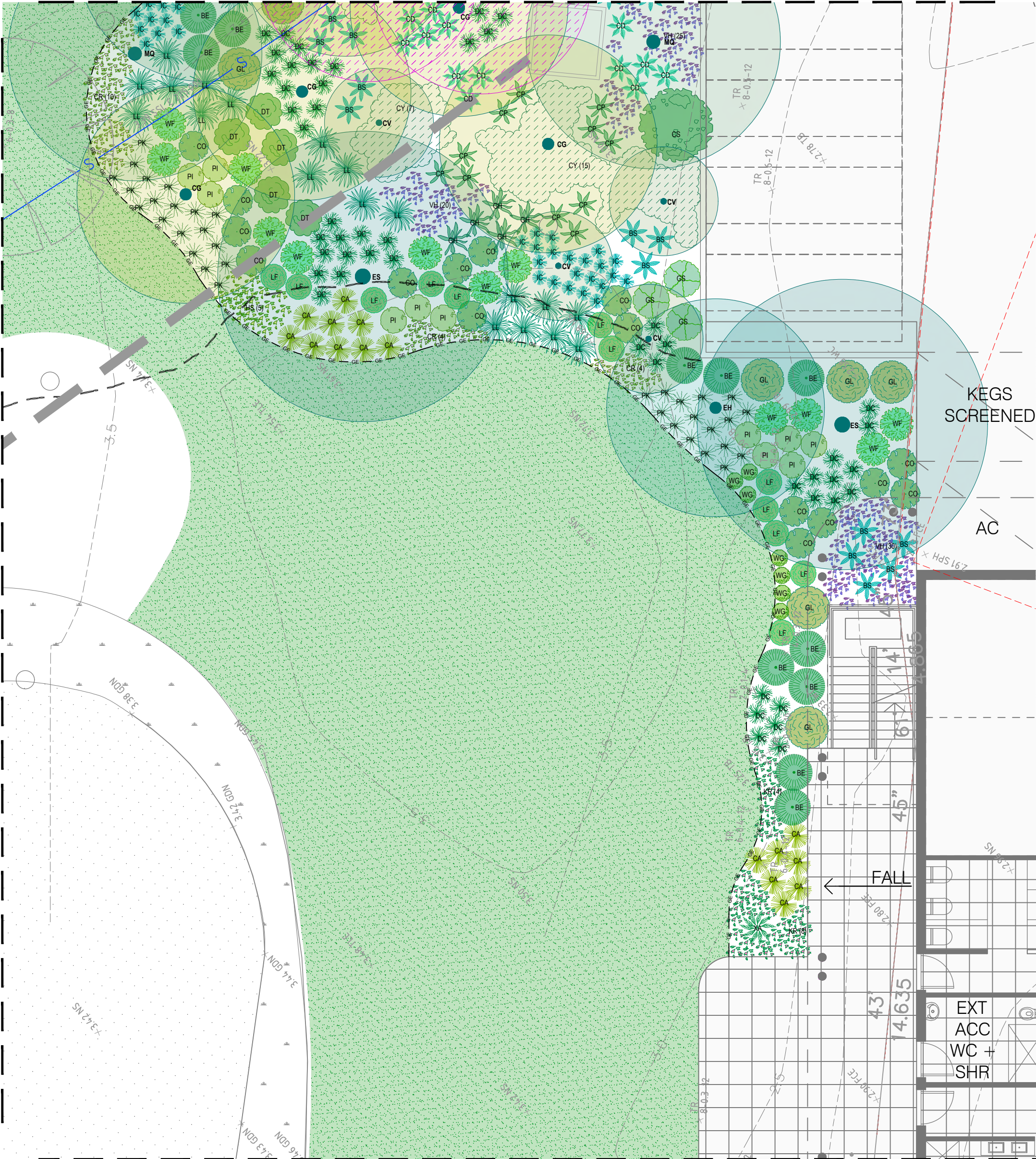
Drawing Title:  
Landscape Design  
Zone A - Planting Plan  
Drawn by:  
Ben Danks  
TLA Member  
Project Number:  
21956  
Scale:  
1:100 @ A2  
Sheet Number:  
L-04 of 9

| Rev: | Date:      | Issue:            | Checked: |
|------|------------|-------------------|----------|
| B    | 18/10/2022 | Preliminary Issue | BF       |
| C    | 16/11/2022 | Preliminary Issue | BF       |
| D    | 18/11/2022 | DA Issue          | BF       |
| E    | 29/08/2023 | DA Issue          | BF       |





Refer to L-04 for details.



Refer to L-06 for details.

| ZONE B PROPOSED PLANT SCHEDULE |     |                                     |                        |     |               |          |
|--------------------------------|-----|-------------------------------------|------------------------|-----|---------------|----------|
| SYMBOL                         | KEY | BOTANICAL NAME                      | COMMON NAME            | QTY | MATURE HEIGHT | POT SIZE |
| <b>TREES</b>                   |     |                                     |                        |     |               |          |
| CG <sup>AS</sup>               |     | CASUARINA GLAUCA                    | SWAMP OAK              | 4   | 20m           | 140Ltr   |
| EH <sup>†</sup>                |     | EUCALYPTUS HAEMASTOMA               | SCRIBBLY GUM           | 1   | 15m           | 140Ltr   |
| ES <sup>AS</sup>               |     | EUCALYPTUS ROBUSTA                  | SWAMP MAHOGANY         | 2   | 20+m          | 140Ltr   |
| MQ <sup>AS</sup>               |     | MELALEUCA QUINQUINERVIA             | PAPERBARK              | 2   | 15m           | 140Ltr   |
| <b>SHRUBS</b>                  |     |                                     |                        |     |               |          |
| BE <sup>AS</sup>               |     | BANKSIA ERICIFOLIA                  | HEATH BANKSIA          | 11  | 5m            | 200mm    |
| CO <sup>†</sup>                |     | CORREA ALBA                         | WHITE CORREA           | 16  | 1.5m          | 200mm    |
| CP <sup>†</sup>                |     | CRINUM PEDUNCULATUM                 | RIVER LILY             | 11  | 2m            | 200mm    |
| CS <sup>AS</sup>               |     | CALLICOMA SERRATIFOLIA              | BLACK WATTLE           | 1   | 6m            | 140mm    |
| CV <sup>†</sup>                |     | CALLISTEMON LINEARIFOLIUS           | NETTED BOTTLEBRUSH     | 4   | 4m            | 140Ltr   |
| DT <sup>†</sup>                |     | DODONAEA TRIQUETRA                  | COMMON HOP-BUSH        | 5   | 3m            | 200mm    |
| GL <sup>†</sup>                |     | GREVILLEA LINEARIFOLIA              | WHITE SPIDER FLOWER    | 6   | 3.0m          | 200mm    |
| GS <sup>†</sup>                |     | GREVILLEA SERICEA                   | PINK SPIDER FLOWER     | 3   | 2m            | 200mm    |
| LF <sup>†</sup>                |     | LEPTOSPERMUM LAEVIGATUM 'FORESHORE' | DWARF COASTAL TEA-TREE | 12  | 0.5m          | 200mm    |
| PI <sup>†</sup>                |     | PIMELIA LINIFOLIA                   | RICE FLOWER            | 11  | 1.5m          | 200mm    |
| WF <sup>†</sup>                |     | WESTRINGIA FRUTICOSA                | COASTAL ROSEMARY       | 12  | 1.5m          | 200mm    |
| WG <sup>†</sup>                |     | WESTRINGIA 'GREY BOX'               | GREY BOX               | 7   | 0.5m          | 200mm    |
| XA <sup>†</sup>                |     | XANTHORHOEA AUSTRALIS               | GRASS TREE             | 1   | 3m            | 45Ltr    |
| <b>GRASSES / GROUND COVERS</b> |     |                                     |                        |     |               |          |
| BS <sup>†</sup>                |     | BLECHNUM GIBBUM 'SILVER LADY'       | SILVER LADY FERN       | 14  | 1m            | 200mm    |
| CA <sup>†</sup>                |     | CAREX APPRESSA                      | CAREX                  | 16  | 1m            | 140mm    |
| CD <sup>†</sup>                |     | CALOCHLAENA DUBIA                   | SOFT BRACKEN           | 13  | 0.6m          | 140mm    |
| CR <sup>†</sup>                |     | CARPOBROTUS GLAUDESCENS             | PIG FACE               | 18  | 0.2m          | tubes    |
| CY <sup>†</sup>                |     | COMMELINA CYANEA                    | SCURVY WEED            | 22  | 0.3m          | tubes    |
| DC <sup>†</sup>                |     | DIANELLA CAERULEA                   | BLUE FLAX LILY         | 49  | 0.6m          | tubes    |
| GH <sup>†</sup>                |     | GAHNIA CLARKEI                      | SAW SEDGE              | 5   | 1.5m          | tubes    |
| HS <sup>†</sup>                |     | HIBBERTIA SCANDENS                  | CLIMBING GUINEA FLOWER | 5   | 0.3           | 140mm    |
| IC <sup>†</sup>                |     | IMPERATA CYLINDRICA                 | BLADY GRASS            | 31  | 0.7           | tubes    |
| KR <sup>†</sup>                |     | KENNEDIA RUBICUNDA                  | DUSKY CORAL PEA        | 12  | 0.3           | 140mm    |
| LL <sup>†</sup>                |     | LOMANDRA LONGIFOLIA                 | SPINY-HEADED MAT-RUSH  | 20  | 1m            | tubes    |
| VH <sup>†</sup>                |     | VIOLA HEDERACEA                     | NATIVE VIOLET          | 75  | 0.1m          | tubes    |

<sup>A</sup> Denotes species selected from the Estuarine Swamp Oak Forest threatened ecological plant community - (ESOF).  
<sup>AS</sup> Denotes species selected from the Swamp Oak Floodplain Forest in the NSW North Coast, Sydney Basin and South East Corner Bioregions Threatened plant community - (SOFF).  
<sup>†</sup> Denotes species selected from Northern Beaches Council Native Plant Species Guide - Curl Curl Ward - (NBNP).  
<sup>†</sup> Denotes native plant or cultivar.

|                              |     |          |
|------------------------------|-----|----------|
| Total plants:                | 389 | (100%)   |
| Native plants - ESOF:        | 128 | (32.90%) |
| Native plants - SOFF:        | 134 | (34.45%) |
| Native plants - NBNP:        | 74  | (19.02%) |
| Other native plant/cultivar: | 53  | (13.62%) |

|                              |     |          |
|------------------------------|-----|----------|
| Total locally native plants: | 336 | (86.36%) |
| Total other native plants:   | 389 | (100%)   |



**THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT DA2022/2081**

Note:  
- Contractors to check and verify all dimensions and all levels on site prior to any works.  
- Any discrepancies should be immediately referred to Serenescapes Landscape Designs.  
- All work to comply with B.C.A. Statutory Authorities and relevant Australian Standards.  
- Dimensions recognised over scaling. All measurements are in millimetres.  
- Copyright Serenescapes Landscape Designs 2022.

**serenescapes**  
Serenescapes Landscape Designs  
ABN 71 611 726 222

Suite 54, 14 Narabang Way  
Belrose NSW 2085  
Tel: 02 9986 2157  
info@serenescapes.com.au  
www.serenescapes.com.au



Client:  
Warrigah Golf Club Ltd.  
ABN:15 000 085 601

Project:  
New Warrigah Golf & Community Club Clubhouse  
Site Address:  
433 Pittwater Road  
North Manly NSW 2100

Drawing Title:  
Landscape Design  
Zone B - Planting Plan  
Drawn by:  
Ben Danks  
TLA Member  
Project Number:  
21956  
Scale:  
1:100 @ A2  
Sheet Number:  
L-05 of 9

| Rev: | Date:      | Issue:            | Checked: |
|------|------------|-------------------|----------|
| B    | 18/10/2022 | Preliminary Issue | BF       |
| C    | 16/11/2022 | Preliminary Issue | BF       |
| D    | 18/11/2022 | DA Issue          | BF       |
| E    | 29/08/2023 | DA Issue          | BF       |





| ZONE C PROPOSED PLANT SCHEDULE |                         |                                     |                        |     |               |          |
|--------------------------------|-------------------------|-------------------------------------|------------------------|-----|---------------|----------|
| SYMBOL                         | KEY                     | BOTANICAL NAME                      | COMMON NAME            | QTY | MATURE HEIGHT | POT SIZE |
|                                | AC <sup>A#</sup>        | ANGOPHORA COSTATA                   | SMOOTH-BARKED APPLE    | 1   | 15m           | 140Ltr   |
|                                | BI <sup>#</sup>         | BANKSIA INTEGRIFOLIA                | COAST BANKSIA          | 10  | 5m            | 140Ltr   |
|                                | EH <sup>#</sup>         | EUCALYPTUS HAEMASTOMA               | SCRIBBLY GUM           | 1   | 15m           | 140Ltr   |
|                                | TL <sup>#</sup>         | TRISTANIOPSIS LAURINA               | WATER GUM              | 3   | 8m            | 140Ltr   |
|                                |                         |                                     |                        |     |               |          |
|                                | BE <sup>A#</sup>        | BANKSIA ERICIFOLIA                  | HEATH BANKSIA          | 21  | 5m            | 200mm    |
|                                | CO <sup>#</sup>         | CORREA ALBA                         | WHITE CORREA           | 36  | 1.5m          | 200mm    |
|                                | CP <sup>#</sup>         | CRINUM PEDUNCULATUM                 | RIVER LILY             | 3   | 2m            | 200mm    |
|                                | CV <sup>#</sup>         | CALLISTEMON LINEARIFOLIUS           | NETTED BOTTLEBRUSH     | 2   | 4m            | 140Ltr   |
|                                | GS <sup>#</sup>         | GREVILLEA SERICEA                   | PINK SPIDER FLOWER     | 14  | 2m            | 200mm    |
|                                | LF <sup>#</sup>         | LEPTOSPERMUM LAEVIGATUM 'FORESHORE' | DWARF COASTAL TEA-TREE | 43  | 0.5m          | 200mm    |
|                                | PI <sup>#</sup>         | PIMELIA LINIFOLIA                   | RICE FLOWER            | 32  | 1.5m          | 200mm    |
|                                | WF <sup>#</sup>         | WESTRINGIA FRUTICOSA                | COASTAL ROSEMARY       | 11  | 1.5m          | 200mm    |
|                                | WG <sup>#</sup>         | WESTRINGIA 'GREY BOX'               | GREY BOX               | 82  | 0.5m          | 200mm    |
|                                | XA <sup>#</sup>         | XANTHORRHOEA AUSTRALIS              | GRASS TREE             | 6   | 3m            | 45Ltr    |
|                                | GRASSES / GROUND COVERS |                                     |                        |     |               |          |
|                                | CA <sup>#</sup>         | CAREX APPRESSA                      | CAREX                  | 14  | 1m            | 140mm    |
|                                | CI <sup>#</sup>         | CASUARINA GLAUCA 'COUSIN IT'        | COUSIN IT              | 19  | 0.5m          | 200mm    |
|                                | CR <sup>#</sup>         | CARPOBOTRUS GLAUCESCENS             | PIG FACE               | 18  | 0.2m          | tubes    |
|                                | CY <sup>#</sup>         | COMMELINA CYANEA                    | CURVY WEED             | 30  | 0.3m          | tubes    |
|                                | DC <sup>#</sup>         | DIANELLA CAERULEA                   | BLUE FLAX LILY         | 40  | 0.6m          | tubes    |
|                                | FN <sup>#</sup>         | FICINIA NODOSA                      | KNOBBY CLUBRUSH        | 49  | 0.6m          | tubes    |
|                                | GH <sup>#</sup>         | GAHNIA CLARKEI                      | SAW SEDGE              | 18  | 1.5m          | tubes    |
|                                | HS <sup>#</sup>         | HIBBERTIA SCANDENS                  | CLIMBING GUINEA FLOWER | 30  | 0.3           | 140mm    |
|                                | IC <sup>#</sup>         | IMPERATA CYLINDRICA                 | BLADY GRASS            | 78  | 0.7           | tubes    |
|                                | JK <sup>#</sup>         | JUNCUS KRAUSII subsp. AUSTRALIENSIS | SEA RUSH               | 23  | 0.6m          | tubes    |
|                                | KR <sup>#</sup>         | KENNEDIA RUBICUNDA                  | DUSKY CORAL PEA        | 30  | 0.3           | 140mm    |
|                                | LL <sup>A#</sup>        | LOMANDRA LONGIFOLIA                 | SPINY-HEADED MAT-RUSH  | 34  | 1m            | tubes    |
|                                | PK <sup>#</sup>         | POA LABILLARDIERI 'ESKDALE'         | ESKDALE                | 162 | 0.7m          | tubes    |
|                                | TA <sup>#</sup>         | THEMEDA AUSTRALIS                   | KANGAROO GRASS         | 34  | 0.4m          | tubes    |
|                                |                         |                                     |                        |     |               |          |
|                                |                         |                                     |                        |     |               |          |

<sup>A</sup> Denotes species selected from the Estuarine Swamp Oak Forest threatened ecological plant community - (ESOF).  
<sup>D</sup> Denotes species selected from the Swamp Oak Floodplain Forest in the NSW North Coast, Sydney Basin and South East Corner Bioregions Threatened plant community - (SOFF).  
<sup>#</sup> Denotes species selected from Northern Beaches Council Native Plant Species Guide - Curl Curl Ward - (NBNP).  
<sup>\*</sup> Denotes native plant or cultivar.

Total plants: 843 (100%)

Native plants - ESOFF: 56 (6.64%)  
Native plants - SOFF: 260 (24.44%)  
Native plants - NBNP: 237 (28.11%)  
Other native plant/cultivar: 344 (40.81%)

Total locally native plants: 499 (59.19%)  
Total other native plants: 843 (100%)



Refer to L-05 for details.



  
**THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT**  
**DA2022/2081**

Beyond scope of works.  
Refer to L-01 for details.

Note:  
- Contractors to check and verify all dimensions and all levels on site prior to any works.  
- Any discrepancies should be immediately referred to Serenescapes Landscape Designs.  
- All work to comply with B.C.A. Statutory Authorities and relevant Australian Standards.  
- Dimensions recognised over scaling. All measurements are in millimetres.  
- Copyright Serenescapes Landscape Designs 2022.

  
Serenescapes Landscape Designs  
ABN 71 611 726 222

Suite 54, 14 Narabang Way  
Belrose NSW 2085  
Tel: 02 9986 2157  
info@serenescapes.com.au  
www.serenescapes.com.au



Client:  
Warringah Golf Club Ltd.  
ABN:15 000 085 601

Project: New Warringah Golf & Community Club Clubhouse  
Site Address: 433 Pittwater Road  
North Manly NSW 2100

Drawing Title: Landscape Design  
Zone C - Planting Plan  
Project Number: 21956  
Scale: 1:100 @ A2  
Sheet Number: L-06 of 9

| Rev: | Date:      | Issue:            | Checked: |
|------|------------|-------------------|----------|
| B    | 18/10/2022 | Preliminary Issue | BF       |
| C    | 16/11/2022 | Preliminary Issue | BF       |
| D    | 18/11/2022 | DA Issue          | BF       |
| E    | 29/08/2023 | DA Issue          | BF       |

Refer to L-07 for details.





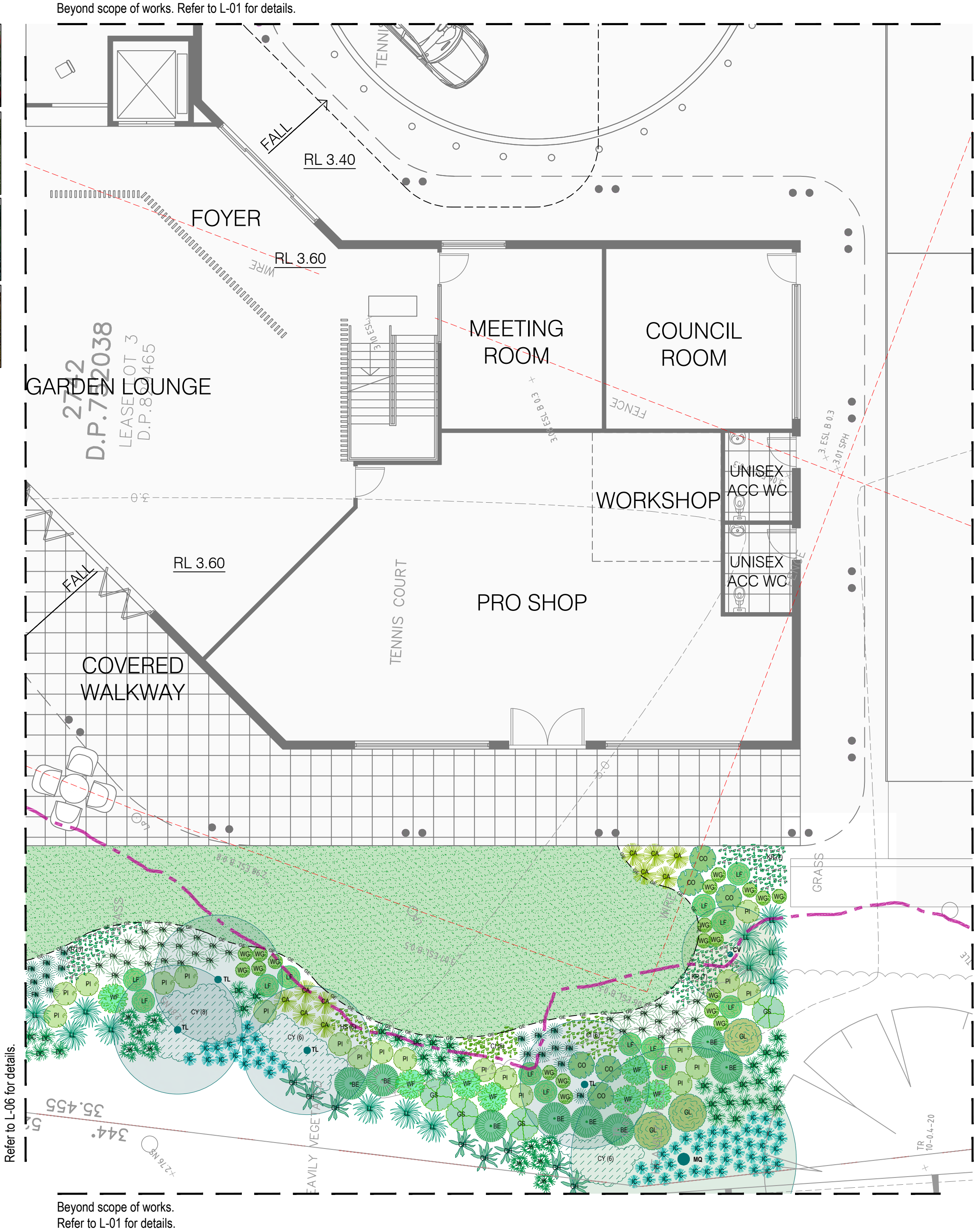
| ZONE D PROPOSED PLANT SCHEDULE |                 |                                                  |                        |        |               |                  |
|--------------------------------|-----------------|--------------------------------------------------|------------------------|--------|---------------|------------------|
| SYMBOL                         | KEY             | BOTANICAL NAME                                   | COMMON NAME            | QTY    | MATURE HEIGHT | POT SIZE         |
|                                | MQ <sup>Δ</sup> | <b>TREES</b>                                     |                        |        |               |                  |
|                                | TL <sup>#</sup> | MELALEUCA QUINQUINERVIA<br>TRISTANIOPSIS LAURINA | PAPERBARK<br>WATER GUM | 1<br>4 | 15m<br>8m     | 140Ltr<br>140Ltr |
|                                | BE <sup>#</sup> | <b>SHRUBS</b>                                    |                        |        |               |                  |
|                                | CO <sup>Δ</sup> | BANKSIA ERICIFOLIA                               | HEATH BANKSIA          | 8      | 5m            | 200mm            |
|                                | CV <sup>Δ</sup> | CORREA ALBA                                      | WHITE CORREA           | 6      | 1.5m          | 200mm            |
|                                | GL <sup>#</sup> | CALLISTEMON LINEARIFOLIUS                        | NETTED BOTTLEBRUSH     | 1      | 4m            | 140Ltr           |
|                                | GS <sup>#</sup> | GREVILLEA LINEARIFOLIA                           | WHITE SPIDER FLOWER    | 3      | 3.0m          | 200mm            |
|                                | LF <sup>#</sup> | GREVILLEA SERICEA                                | PINK SPIDER FLOWER     | 4      | 2m            | 200mm            |
|                                | PI <sup>#</sup> | LEPTOSPERMUM LAEVIGATUM 'FORESHORE'              | DWARF COASTAL TEA-TREE | 13     | 0.5m          | 200mm            |
|                                | WF <sup>#</sup> | PIMELIA LINIFOLIA                                | RICE FLOWER            | 19     | 1.5m          | 200mm            |
|                                | WG <sup>#</sup> | WESTRINGIA FRUTICOSA                             | COASTAL ROSEMARY       | 7      | 1.5m          | 200mm            |
|                                | WG <sup>#</sup> | WESTRINGIA 'GREY BOX'                            | GREY BOX               | 19     | 0.5m          | 200mm            |
|                                | CA <sup>Δ</sup> | <b>GRASSES / GROUND COVERS</b>                   |                        |        |               |                  |
|                                | CI <sup>Δ</sup> | CAREX APPRESSA                                   | CAREX                  | 10     | 1m            | 140mm            |
|                                | CY <sup>Δ</sup> | CASUARINA GLAUCA 'COUSIN IT'                     | COUSIN IT              | 12     | 0.5m          | 200mm            |
|                                | DC <sup>Δ</sup> | COMMELINA CYANEA                                 | SCURVY WEED            | 20     | 0.3m          | tubes            |
|                                | FN <sup>Δ</sup> | DIANELLA CAERULEA                                | BLUE FLAX LILY         | 34     | 0.6m          | tubes            |
|                                | GH <sup>Δ</sup> | FICINIA NODOSA                                   | KNOBBY CLUBRUSH        | 17     | 0.6m          | tubes            |
|                                | HS <sup>Δ</sup> | GAHNIA CLARKEI                                   | SAW SEDGE              | 8      | 1.5m          | tubes            |
|                                | IC <sup>Δ</sup> | HIBBERTIA SCANDENS                               | CLIMBING GUINEA FLOWER | 5      | 0.3           | 140mm            |
|                                | JK <sup>Δ</sup> | IMPERATA CYLINDRICA                              | BLADY GRASS            | 56     | 0.7           | tubes            |
|                                | KR <sup>Δ</sup> | JUNCUS KRAUSII subsp. AUSTRALIENSIS              | SEA RUSH               | 10     | 0.6m          | tubes            |
|                                | LL <sup>Δ</sup> | KENNEDIA RUBICUNDA                               | DUSKY CORAL PEA        | 19     | 0.3           | 140mm            |
|                                | PK <sup>*</sup> | LOMANDRA LONGIFOLIA                              | SPINY-HEADED MAT-RUSH  | 12     | 1m            | tubes            |
|                                | PK <sup>*</sup> | POA LABILLARDIERI 'ESKDALE'                      | ESKDALE                | 31     | 0.7m          | tubes            |

Δ Denotes species selected from the Estuarine Swamp Oak Forest threatened ecological plant community - (ESOF).  
Δ Denotes species selected from the Swamp Oak Floodplain Forest in the NSW North Coast, Sydney Basin and South East Corner Bioregions Threatened plant community - (SOFF).  
# Denotes species selected from Northern Beaches Council Native Plant Species Guide - Curl Curl Ward - (NBNP).  
\* Denotes native plant or cultivar.

|                              |     |           |
|------------------------------|-----|-----------|
| Total plants:                | 319 | (100%)    |
| Native plants - ESOF:        | 21  | (6.58%)   |
| Native plants - SOFF:        | 138 | (43.26%)  |
| Native plants - NBNP:        | 77  | (24.14%)  |
| Other native plant/cultivar: | 83  | (26.02%)  |
|                              |     |           |
| Total locally native plants: | 236 | (73.88%)  |
| Total other native plants:   | 319 | (100.00%) |



  
**THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT**  
**DA2022/2081**



Note:  
- Contractors to check and verify all dimensions and all levels on site prior to any works.  
- Any discrepancies should be immediately referred to Serenescapes Landscape Designs.  
- All work to comply with B.C.A. Statutory Authorities and relevant Australian Standards.  
- Dimensions recognised over scaling. All measurements are in millimetres.  
- Copyright Serenescapes Landscape Designs 2022.

  
Serenescapes Landscape Designs  
ABN 71 611 726 222

Suite 54, 14 Narabang Way  
Belrose NSW 2085  
Tel: 02 9986 2157  
info@serenescapes.com.au  
www.serenescapes.com.au



Client:  
Warrigah Golf Club Ltd.  
ABN:15 000 085 601

Project:  
New Warrigah Golf & Community Club Clubhouse  
Site Address:  
433 Pittwater Road  
North Manly NSW 2100

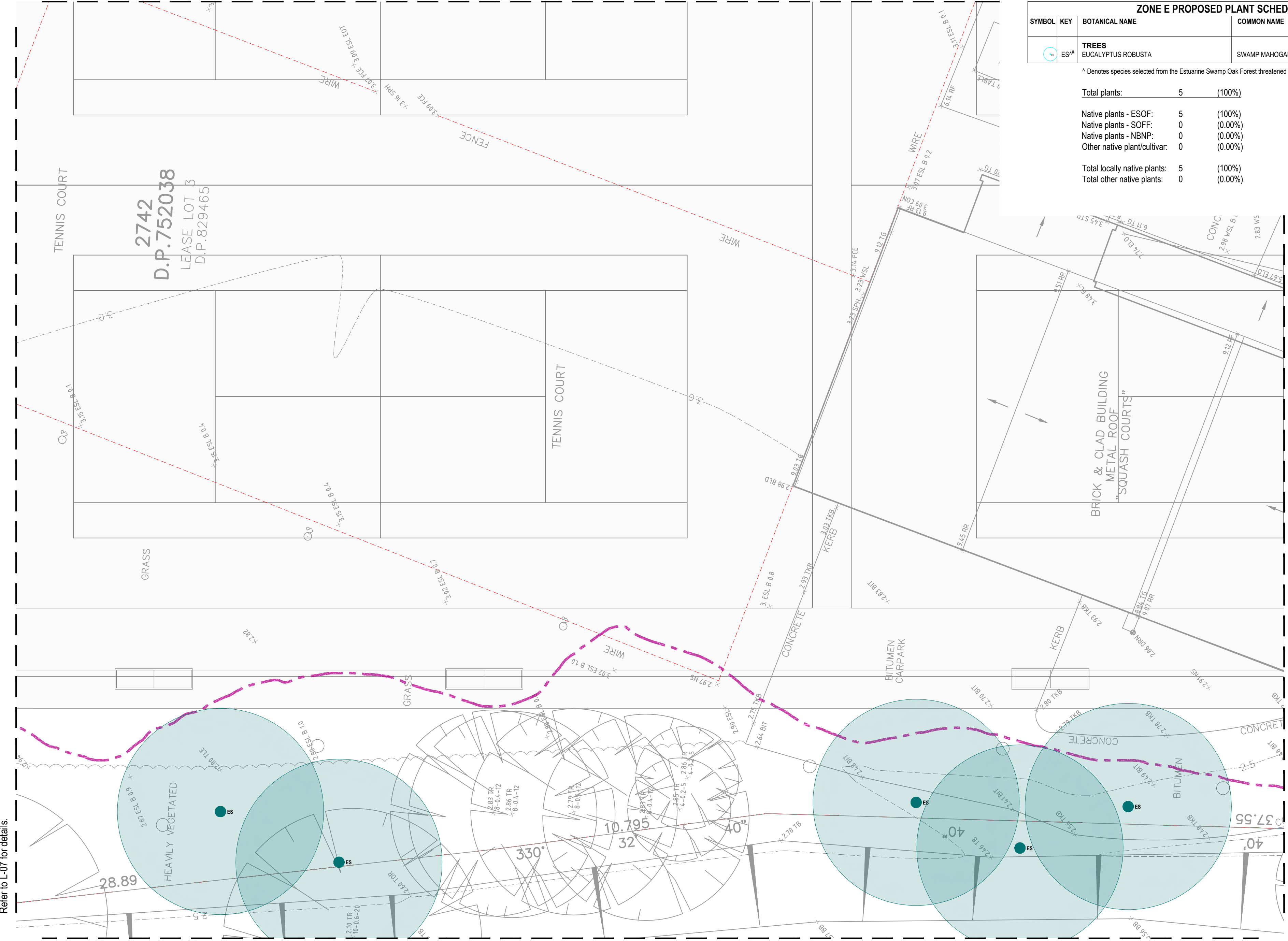
Drawing Title:  
Landscape Design  
Zone D - Planting Plan  
Project Number:  
21956  
Scale:  
1:100 @ A2  
Sheet Number:  
L-07 of 9

| Rev: | Date:      | Issue:            | Checked: |
|------|------------|-------------------|----------|
| B    | 18/10/2022 | Preliminary Issue | BF       |
| C    | 16/11/2022 | Preliminary Issue | BF       |
| D    | 18/11/2022 | DA Issue          | BF       |
| E    | 29/08/2023 | DA Issue          | BF       |





Beyond scope of works. Refer to L-01 for details.



Beyond scope of works.  
Refer to L-01 for details.

| ZONE E PROPOSED PLANT SCHEDULE |                 |                                    |                |     |               |          |
|--------------------------------|-----------------|------------------------------------|----------------|-----|---------------|----------|
| SYMBOL                         | KEY             | BOTANICAL NAME                     | COMMON NAME    | QTY | MATURE HEIGHT | POT SIZE |
|                                | ES <sup>^</sup> | <b>TREES</b><br>EUCALYPTUS ROBUSTA | SWAMP MAHOGANY | 5   | 20+m          | 140Ltr   |

<sup>^</sup> Denotes species selected from the Estuarine Swamp Oak Forest threatened ecological plant community - (ESOF).

|                              |   |         |
|------------------------------|---|---------|
| Total plants:                | 5 | (100%)  |
| Native plants - ESOF:        | 5 | (100%)  |
| Native plants - SOFF:        | 0 | (0.00%) |
| Native plants - NBNP:        | 0 | (0.00%) |
| Other native plant/cultivar: | 0 | (0.00%) |
| Total locally native plants: | 5 | (100%)  |
| Total other native plants:   | 0 | (0.00%) |



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

**DA2022/2081**

Note:  
- Contractors to check and verify all dimensions and all levels on site prior to any works.  
- Any discrepancies should be immediately referred to Serenescapes Landscape Designs.  
- All work to comply with B.C.A. Statutory Authorities and relevant Australian Standards.  
- Dimensions recognised over scaling. All measurements are in millimetres.  
- Copyright Serenescapes Landscape Designs 2022.

Serenescapes Landscape Designs  
ABN 71 611 726 222

Suite 54, 14 Narabang Way  
Belrose NSW 2085  
Tel: 02 9986 2157  
info@serenescapes.com.au  
www.serenescapes.com.au



Client:  
Warringah Golf Club Ltd.  
ABN:15 000 085 601

Project:  
New Warringah Golf &  
Community Club Clubhouse

Site Address:  
433 Pittwater Road  
North Manly NSW 2100

Drawing Title:  
Landscape Design  
Zone E - Planting Plan

Drawn by:  
Ben Danks  
TLA Member

Project Number:  
21956

Scale:  
1:100 @ A2

Sheet Number:  
L-08 of 9

| Rev: | Date:      | Issue:            | Checked: |
|------|------------|-------------------|----------|
| B    | 18/10/2022 | Preliminary Issue | BF       |
| C    | 16/11/2022 | Preliminary Issue | BF       |
| D    | 18/11/2022 | DA Issue          | BF       |
| E    | 29/08/2023 | DA Issue          | BF       |





LANDSCAPE SPECIFICATION NOTES

SITE PREPARATION

Locate any underground and overground services & ensure no damage occurs. Levels on plan are nominal only & all dimensions to be checked on site prior to commencement. Final structural integrity of all items shall be the sole responsibility of landscape contractor.

PROTECTION OF EXISTING TREES:

All tree protection is to be undertaken in accordance with the guidelines provided in AS4970-2009

Protection of trees on development sites.

Prior to construction, the builder shall erect tree protection fencing for each protected tree. Tree protection fencing setbacks are to be determined by multiplying the diameter at breast height by twelve (12).

Fencing is to consist of Chain wire mesh panels at least 1.8m in height, anchored with concrete feet.

Signage stating “Tree Protection Zone – No Access” is to be displayed on the fencing.

According to AS 4970-2009, activities excluded from the TPZ include but are not limited to;

- machine excavation including trenching
- excavation for silt fencing
- cultivation
- storage
- preparation of chemicals, including preparation of cement products
- parking of vehicles and plant and/or refuelling
- dumping of waste and/or wash down and cleaning of equipment
- soil level changes and/or placement of fill
- lighting of fires
- temporary or permanent installation of utilities and signs
- physical damage to the tree.

REMOVAL OF EXISTING TREES

All trees to be removed shall be carried out by a qualified arborist and work shall conform to the provisions of AS4373-2007 Australian Standards for The Pruning of Amenity Trees.

ELIMINATE WEEDS

Remove all existing weeds by hand, wiping or spraying with a glyphosate based herbicide. Weed control shall never be performed by mechanical cultivation or by scraping. Herbicide spraying is to be used to eliminate all existing weeds 30 days prior to planting.

EXCAVATION & SUB SOIL PREPARATION

Excavate garden beds to the depth required and rip or scarify base & sides of pit to a minimum depth of 150mm.

SUB SOIL DRAINAGE

Install drainage layer where there is surface water runoff draining into garden bed areas & where the existing sub-soil has more than 50% clay composition & there is a risk of subsurface water ponding. Install perforated corrugated ag. line 75-100mm Dia. with geotextile filter sock & backfill to a minimum 200mm using free draining material, reclaimed/recycled where available. Direct flows at a minimum 0.5% fall to sw system. In areas isolated from stormwater system excavate & backfill an appropriate water dispersion pit.

REUSE EXISTING TOPSOIL

Existing site topsoil should be salvaged & appropriately stockpiled where possible.

IMPORTED TOPSOIL

Quality System: AS 4419 or as specified below.

Turf Areas: 'Turf Underlay' as supplied by, ANL p: 02 9450 1444 or approved alternative.

Tree Pit and Shrub Planting: 'Premium Garden Mix' as supplied by, ANL p: 02 9450 1444 or approved alternative.

PLANTING

Health & Vigour: Supply plants with foliage size, texture & colour consistent with that shown in healthy specimens of the species. Crowns must contain no epicormic shoots or dieback.

Balance of Crown: Supply plants with max. variation in crown bulk on opposite sides of stem axis, +/- 20%

All plants supplied should be consistent with the guidelines provided in AS2303-2015 Tree stock for landscape use.

STAKING

Install 2 x 1800mm 40x40 hardwood timber stakes with hessian ties to all trees. Provide appropriate support considering exposure to prevailing winds. Stakes and hessian ties to be removed as soon as the tree is self supporting.

ALUMINIUM GARDEN EDGING

Supply and install Link Edge 75mm as per Landscape Plan. Compact and level the base in the required area as indicated on Landscape Plan. Half hammer spikes into pre-punched holes (approx. 4 spikes every 3m length) starting from the first hole in the end of the Link Edge. Use spike washers supplied by manufacturer. Half hammer subsequent spikes in pivotal areas along the length. (Especially at points where a curve is required). Connect lengths together by using fish-plate connectors supplied by manufacturer. Check position of Link Edge is correct before hammering spikes firmly into ground.

MULCHING

Quality system: AS 4454

All planting area impacted by building works to receive 50-75mm of garden Mulch, Forest Fines, ANL p: 02 9450 1444 or approved alternative. Keep mulch 100mm away from plant stem & form a well to stop excessive water runoff. Finish flush with adjacent surfaces.

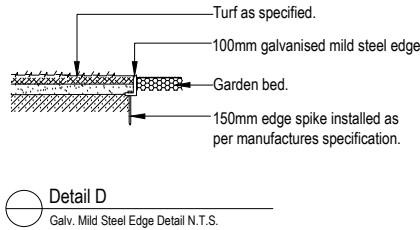
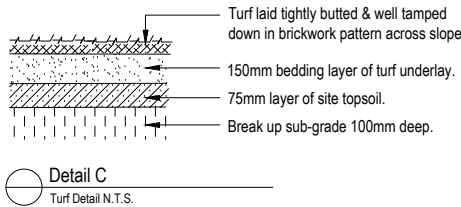
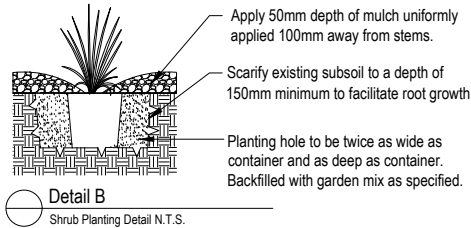
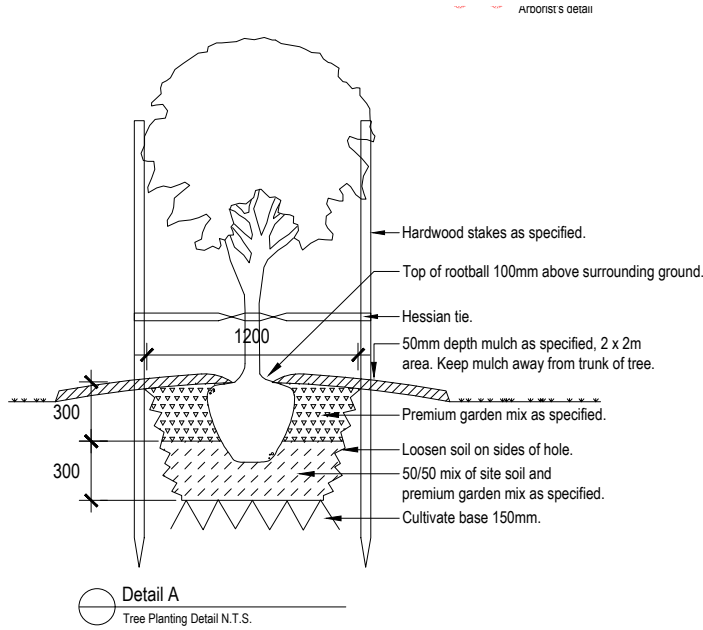
TURFING

New turf- Sir Walter Soft Leafed Buffalo.

Excavate / grade all areas to be turfed to 120mm below finished levels. Ensure that all surface runoff is directed away from buildings. Ensure that no pooling or ponding will occur. Further rip the sub-grade to 150mm. Install 100mm of imported turf underlay. Rolls to be closely butted and laid in a brickwork pattern. Fill any small gaps with topsoil and water thoroughly.

WATERING

Water in immediately after plant installation & allow for soil settlement. For the first 2 to 4 weeks after planting, the root zone & immediate surrounds must be kept moist. Continue watering until plants have established.





northern  
beaches  
council

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

**DA2022/2081**

|                                                                                                                                                      |                                                                                                                                                                    |                                                                      |                                                                    |                                 |                            |                                   |      |            |                   |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------------------|---------------------------------|----------------------------|-----------------------------------|------|------------|-------------------|----------|
|  <div>Serenescapes Landscape Designs<br/>ABN 71 611 726 222</div> |  <div>Client:<br/><b>Warringah Golf Club Ltd.</b><br/>ABN:15 000 085 601</div> | Project:<br><b>New Warringah Golf &amp; Community Club Clubhouse</b> | Drawing Title: <b>Landscape Design Specification &amp; Details</b> |                                 |                            |                                   | Rev: | Date:      | Issue:            | Checked: |
|                                                                                                                                                      |                                                                                                                                                                    |                                                                      |                                                                    |                                 |                            |                                   | B    | 18/10/2022 | Preliminary Issue | BF       |
|                                                                                                                                                      |                                                                                                                                                                    |                                                                      |                                                                    |                                 |                            |                                   | C    | 16/11/2022 | Preliminary Issue | BF       |
|                                                                                                                                                      |                                                                                                                                                                    | Site Address:<br><b>433 Pittwater Road<br/>North Manly NSW 2100</b>  | Drawn by:<br><b>Ben Danks</b><br>TLA Member                        | Project Number:<br><b>21956</b> | Scale:<br><b>ntcs @ A2</b> | Sheet Number:<br><b>L-09 of 9</b> | D    | 18/11/2022 | DA Issue          | BF       |
|                                                                                                                                                      |                                                                                                                                                                    |                                                                      |                                                                    |                                 |                            |                                   | E    | 29/08/2023 | DA Issue          | BF       |



# NEW WARRINGAH GOLF & COMMUNITY CLUB

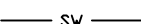
## CLUBHOUSE

### STORMWATER MANAGEMENT PLAN

DRAWING INDEX:

|        |                                 |
|--------|---------------------------------|
| DR-000 | LEGEND                          |
| DR-001 | PIPE LAYOUT & CATCHMENTS PLAN   |
| DR-002 | ROOF LAYOUT                     |
| DR-003 | DETAILS                         |
| SD-100 | EROSION & SEDIMENT CONTROL PLAN |
| LT-200 | SW & WSUD DESIGN STATEMENT      |

LEGEND:

|                                                                                     |                 |
|-------------------------------------------------------------------------------------|-----------------|
|  | DOWNPIPE        |
|  | STORMWATER PIPE |
|  | RAINWATER PIPE  |
|  | DRAINAGE PIT    |

NOTES:

1. ALL DIMENSIONS TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION.

2. SITE LAYOUT BASED ON ARCHITECTURAL PLANS BY GROUP ARCHITECTS (12/10/2021).

3. LOCATION OF ALL SERVICES MUST BE CONFIRMED ON SITE PRIOR TO COMMENCEMENT OF EXCAVATION WORKS.

4. ALL STORMWATER DRAINAGE PIPES AND ASSOCIATED DEVICES ARE TO BE INSTALLED IN ACCORDANCE WITH THE RELEVANT STANDARDS, THE BUILDING CODE OF AUSTRALIA, MANUFACTURER’S RECOMMENDATIONS, SYDNEY CATCHMENT AUTHORITY RECOMMENDED PRACTICE, AND LOCAL COUNCIL, AS APPLICABLE.

5. ALL INVERT LEVELS PROVIDED ON THIS DRAWING ARE REDUCED TO AHD AND BASED ON INTERPOLATED SURFACE LEVELS AND SYSTEM REQUIREMENTS.
6. WHERE POSSIBLE, PIPEWORK SHALL BE LOCATED EXTERNAL TO THE BUILDING.

7. DOWNPIPES AND STORMWATER LINES TO BE SEALED DN100 uPVC UNLESS OTHERWISE NOTED.

8. STORMWATER PIPES TO BE GRADED AT A MINIMUM 1% UNLESS NOTED OTHERWISE.

9. ALTERNATIVE GUTTER AND DOWNPIPE CONFIGURATION MAY BE INSTALLED PROVIDED IT COMPLIES WITH AS3500.

10. ALL PIPE AND CONDUITS TO BE MARKED IN ACCORDANCE WITH AS1345 – 1995.

11. TRENCHES AND SERVICE SEPARATIONS IN ACCORDANCE WITH AS/NZS 5601, AS/NZS 3500, AND AS/CA S009.

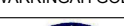


northern  
beaches  
council

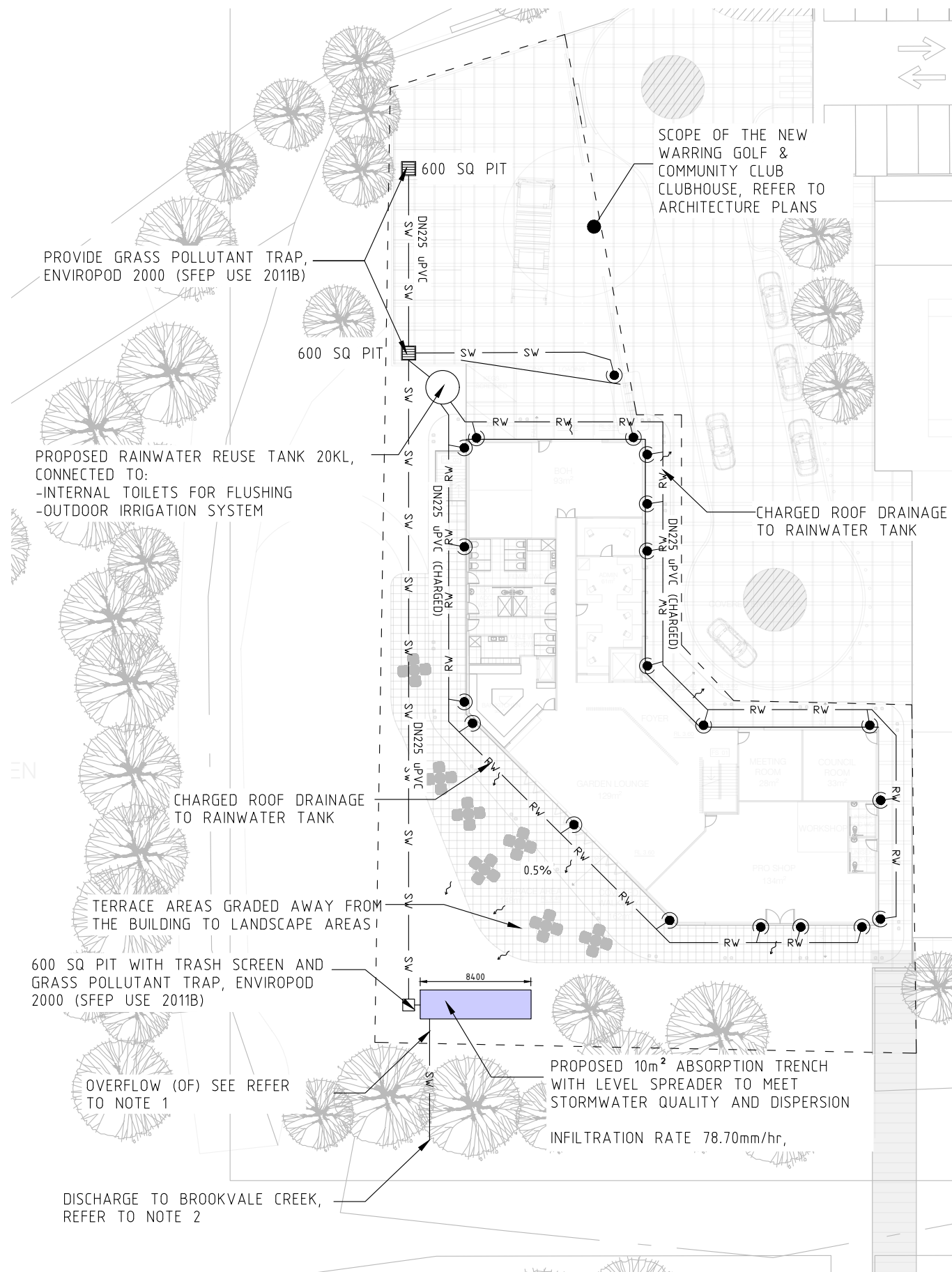
THIS PLAN IS TO BE READ IN  
CONJUNCTION WITH  
THE CONDITIONS OF DEVELOPMENT  
CONSENT

DA2022/2081

NOT FOR CONSTRUCTION

|                                                                                       |     |     |            |                     |                                                                                                                      |                                                                                                                                                                         |          |         |         |                                                                                                                                                   |                                                                                                                                |                         |                                                                                                                                                         |  |  |  |
|---------------------------------------------------------------------------------------|-----|-----|------------|---------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| This drawing is confidential and shall only be used for the purposes of this project. |     |     |            |                     | <div>Scale</div> <div>NA</div> <div>DO NOT SCALE. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED</div> | THE SIGNING OF THIS TITLE BLOCK CONFIRMS THE DESIGN AND DRAFTING OF THIS PROJECT HAVE BEEN PREPARED AND CHECKED IN ACCORDANCE WITH THE STELLEN QUALITY ASSURANCE SYSTEM |          |         |         | <div></div> <div>Stellen Consulting ABN 61 149 095 189</div> | CLIENT                                                                                                                         | WARRINGAH GOLF CLUB LTD | NEW WARRINGAH GOLF & COMMUNITY CLUB                                                                                                                     |  |  |  |
| REVISIONS                                                                             |     |     |            |                     |                                                                                                                      | DESIGNED                                                                                                                                                                | YYA      | CHECKED | LES     |                                                                                                                                                   | <div></div> <div>ABN 15 000 085 601</div> | LEGEND                  |                                                                                                                                                         |  |  |  |
|                                                                                       | 1   | YYA | 21/10/2022 | ISSUED FOR NBC DA   |                                                                                                                      | LES                                                                                                                                                                     | DRAWN    | NTM     | CHECKED |                                                                                                                                                   |                                                                                                                                | SHA                     | <div>Size</div> <div>A3</div> <div>Status</div> <div>APPROVED FOR DA SUBMISSION</div> <div>Dwg No.</div> <div>DR-000</div> <div>Rev.</div> <div>1</div> |  |  |  |
|                                                                                       | 0   | NTM | 30/09/2022 | ISSUED FOR DA       |                                                                                                                      | YYA                                                                                                                                                                     | APPROVED | LES     | DATE    |                                                                                                                                                   |                                                                                                                                | 21/10/2022              |                                                                                                                                                         |  |  |  |
|                                                                                       | A   | NTM | 23/09/2022 | ISSUED FOR DA DRAFT |                                                                                                                      | YYA                                                                                                                                                                     |          |         |         |                                                                                                                                                   |                                                                                                                                |                         |                                                                                                                                                         |  |  |  |
|                                                                                       | No. | BY  | DATE       | DESCRIPTION         |                                                                                                                      | APPD                                                                                                                                                                    |          |         |         |                                                                                                                                                   |                                                                                                                                |                         |                                                                                                                                                         |  |  |  |







northern  
beaches  
council

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

DA2022/2081

- NOTES
1. THE OVERFLOW PIPE FROM THE ABSORPTION TRENCH IS DESIGNED AS AN OVERFLOW THAT WILL ONLY BE NEEDED IN PERIODS OF SUSTAINED HEAVY RAINFALL. TYPICALLY THE STORMWATER WILL BE DISPERSED BY INFILTRATION FROM THE ABSORPTION TRENCH BASED ON THE EXPECTED FLOW, CAPACITY, AND INFILTRATION RATE OF THE SOIL
  2. THE OVERFLOW PIPE PASSES FROM THE ABSORPTION TRENCH THROUGH A ROCK HEADWALL OUTLET INTO SHORT ROCK-LINED SWALE THAT GOES TO THE CREEK. THE ARRANGEMENT SHALL BE CONSISTENT AND COMPLIANT WITH THE NSW DEPARTMENT OF PLANNING AND ENVIRONMENT CONTROLLED ACTIVITIES – GUIDELINES FOR OUTLET STRUCTURES ON WATERFRONT LAND
  3. ALL PITS SHOULD 600x600mm SQUARE, LOAD CLASS C UNLESS NOTED OTHERWISE WITH GRASS POLLUTANT TRAP, ENVIROPOD 2000 (SFEP USE 2011B)
  4. THE DEVELOPMENT IS LOCATED WITHIN A COUNCIL ESTABLISHED 1% AEP FLOOD PLAIN, THEREFORE PROVISION OF OSD/ABSORPTION SYSTEM TO CONTROL THE RUNOFF IS NOT REQUIRED.
  5. ABSORPTION TRENCH DESIGNED BASED ON THE ACTUAL RATE 78.70 mm/hr TO MEET STORMWATER QUALITY REQUIREMENT AND DISPERSION, AS OPPOSED TO ABSORPTION REQUIRED TO CONTROL THE RUNOFF.

PLAN  
1

PLAN PIPE LAYOUT  
1: 400

NOT FOR CONSTRUCTION

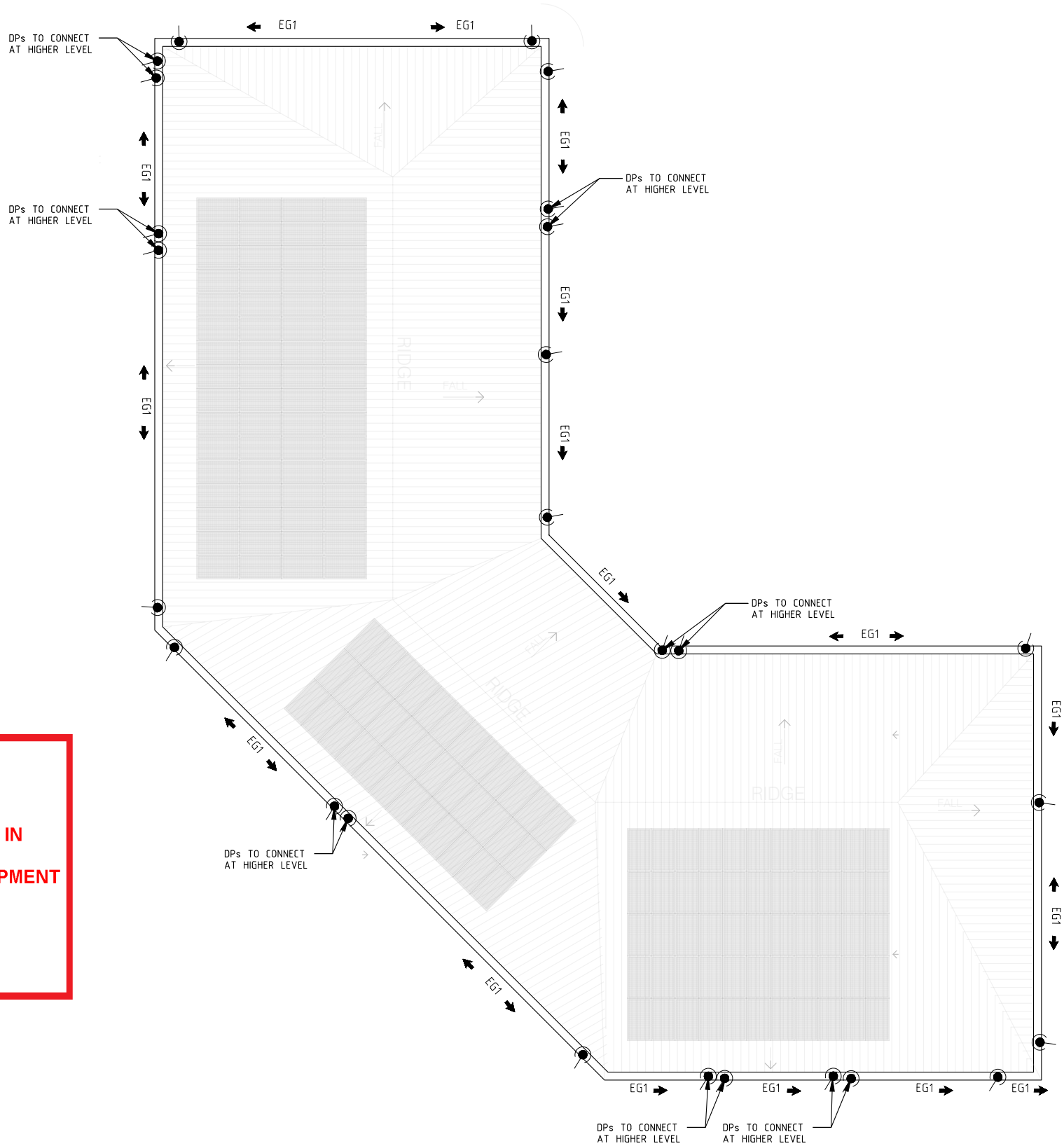
|                                                                                                                                                     |     |         |             |                     |       |                                                                                                                                                                                                                                                                                                                                                                                                           |      |             |         |          |                                                                                                                                                                                |                                                                                                                                                                         |                                              |       |                                                                            |         |     |          |     |      |            |        |                         |                                     |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------|-------------|---------------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------|---------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-------|----------------------------------------------------------------------------|---------|-----|----------|-----|------|------------|--------|-------------------------|-------------------------------------|--|--|--|
| This drawing is confidential and shall only be used for the purposes of this project.                                                               |     |         |             |                     | Scale | <div>THE SIGNING OF THIS TITLE BLOCK CONFIRMS THE DESIGN AND DRAFTING OF THIS PROJECT HAVE BEEN PREPARED AND CHECKED IN ACCORDANCE WITH THE STELLEN QUALITY ASSURANCE SYSTEM</div> <table><tr><td>DESIGNED</td><td>YYA</td><td>CHECKED</td><td>LES</td></tr><tr><td>DRAWN</td><td>NTM</td><td>CHECKED</td><td>SHA</td></tr><tr><td>APPROVED</td><td>LES</td><td>DATE</td><td>21/10/2022</td></tr></table> |      |             |         | DESIGNED | YYA                                                                                                                                                                            | CHECKED                                                                                                                                                                 | LES                                          | DRAWN | NTM                                                                        | CHECKED | SHA | APPROVED | LES | DATE | 21/10/2022 | CLIENT | WARRINGAH GOLF CLUB LTD | NEW WARRINGAH GOLF & COMMUNITY CLUB |  |  |  |
| DESIGNED                                                                                                                                            | YYA | CHECKED | LES         |                     |       |                                                                                                                                                                                                                                                                                                                                                                                                           |      |             |         |          |                                                                                                                                                                                |                                                                                                                                                                         |                                              |       |                                                                            |         |     |          |     |      |            |        |                         |                                     |  |  |  |
| DRAWN                                                                                                                                               | NTM | CHECKED | SHA         |                     |       |                                                                                                                                                                                                                                                                                                                                                                                                           |      |             |         |          |                                                                                                                                                                                |                                                                                                                                                                         |                                              |       |                                                                            |         |     |          |     |      |            |        |                         |                                     |  |  |  |
| APPROVED                                                                                                                                            | LES | DATE    | 21/10/2022  |                     |       |                                                                                                                                                                                                                                                                                                                                                                                                           |      |             |         |          |                                                                                                                                                                                |                                                                                                                                                                         |                                              |       |                                                                            |         |     |          |     |      |            |        |                         |                                     |  |  |  |
| REVISIONS                                                                                                                                           | 3   | YYA     | 25/09/2023  | ISSUED FOR NBC DA   |       |                                                                                                                                                                                                                                                                                                                                                                                                           |      |             |         | YYA      | <div><div></div><div>Stellen</div></div> <div>Stellen Consulting ABN 61 149 095 189</div> | <div><div></div><div>WARRINGAH GOLF CLUB</div></div> <div>ABN 15 000 085 601</div> | <div>PIPE LAYOUT &amp; CATCHMENTS PLAN</div> |       |                                                                            |         |     |          |     |      |            |        |                         |                                     |  |  |  |
|                                                                                                                                                     | 2   | YYA     | 22/08/2023  | ISSUED FOR NBC DA   |       |                                                                                                                                                                                                                                                                                                                                                                                                           |      |             |         | YYA      |                                                                                                                                                                                |                                                                                                                                                                         |                                              |       |                                                                            |         |     |          |     |      |            |        |                         |                                     |  |  |  |
|                                                                                                                                                     | 1   | YYA     | 21/10/2022  | ISSUED FOR NBC DA   |       |                                                                                                                                                                                                                                                                                                                                                                                                           |      |             |         | LES      |                                                                                                                                                                                |                                                                                                                                                                         |                                              |       |                                                                            |         |     |          |     |      |            |        |                         |                                     |  |  |  |
|                                                                                                                                                     | 0   | NTM     | 30/09/2022  | ISSUED FOR DA       | YYA   |                                                                                                                                                                                                                                                                                                                                                                                                           |      |             |         |          |                                                                                                                                                                                |                                                                                                                                                                         |                                              |       |                                                                            |         |     |          |     |      |            |        |                         |                                     |  |  |  |
|                                                                                                                                                     | A   | NTM     | 23/09/2022  | ISSUED FOR DA DRAFT | YYA   |                                                                                                                                                                                                                                                                                                                                                                                                           |      |             |         |          |                                                                                                                                                                                |                                                                                                                                                                         |                                              |       |                                                                            |         |     |          |     |      |            |        |                         |                                     |  |  |  |
| <table><tr><td>No.</td><td>BY</td><td>DATE</td><td>DESCRIPTION</td><td>APPD</td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table> |     |         |             |                     | No.   | BY                                                                                                                                                                                                                                                                                                                                                                                                        | DATE | DESCRIPTION | APPD    |          |                                                                                                                                                                                |                                                                                                                                                                         |                                              |       | DO NOT SCALE. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED |         |     |          |     |      |            |        |                         |                                     |  |  |  |
| No.                                                                                                                                                 | BY  | DATE    | DESCRIPTION | APPD                |       |                                                                                                                                                                                                                                                                                                                                                                                                           |      |             |         |          |                                                                                                                                                                                |                                                                                                                                                                         |                                              |       |                                                                            |         |     |          |     |      |            |        |                         |                                     |  |  |  |
|                                                                                                                                                     |     |         |             |                     |       |                                                                                                                                                                                                                                                                                                                                                                                                           |      |             |         |          |                                                                                                                                                                                |                                                                                                                                                                         |                                              |       |                                                                            |         |     |          |     |      |            |        |                         |                                     |  |  |  |
|                                                                                                                                                     |     |         |             |                     |       |                                                                                                                                                                                                                                                                                                                                                                                                           |      |             | Size A3 |          | Status APPROVED FOR DA SUBMISSION                                                                                                                                              |                                                                                                                                                                         | Dwg No. DR-001                               |       | Rev. 3                                                                     |         |     |          |     |      |            |        |                         |                                     |  |  |  |



NOMENCLATURE  
DP - NEW DOWNPIPE  
EG - EAVES GUTTER  
Q20 - 20YR 5 MINUTE ARI FLOW RATE

GUTTER SIZING  
EAVE GUTTER DESIGNED TO ARI (20YR:215mm/hr)  
EG - MIN CSA 10,400 mm<sup>2</sup>

LEGEND  
➡ DIRECTION OF FALL

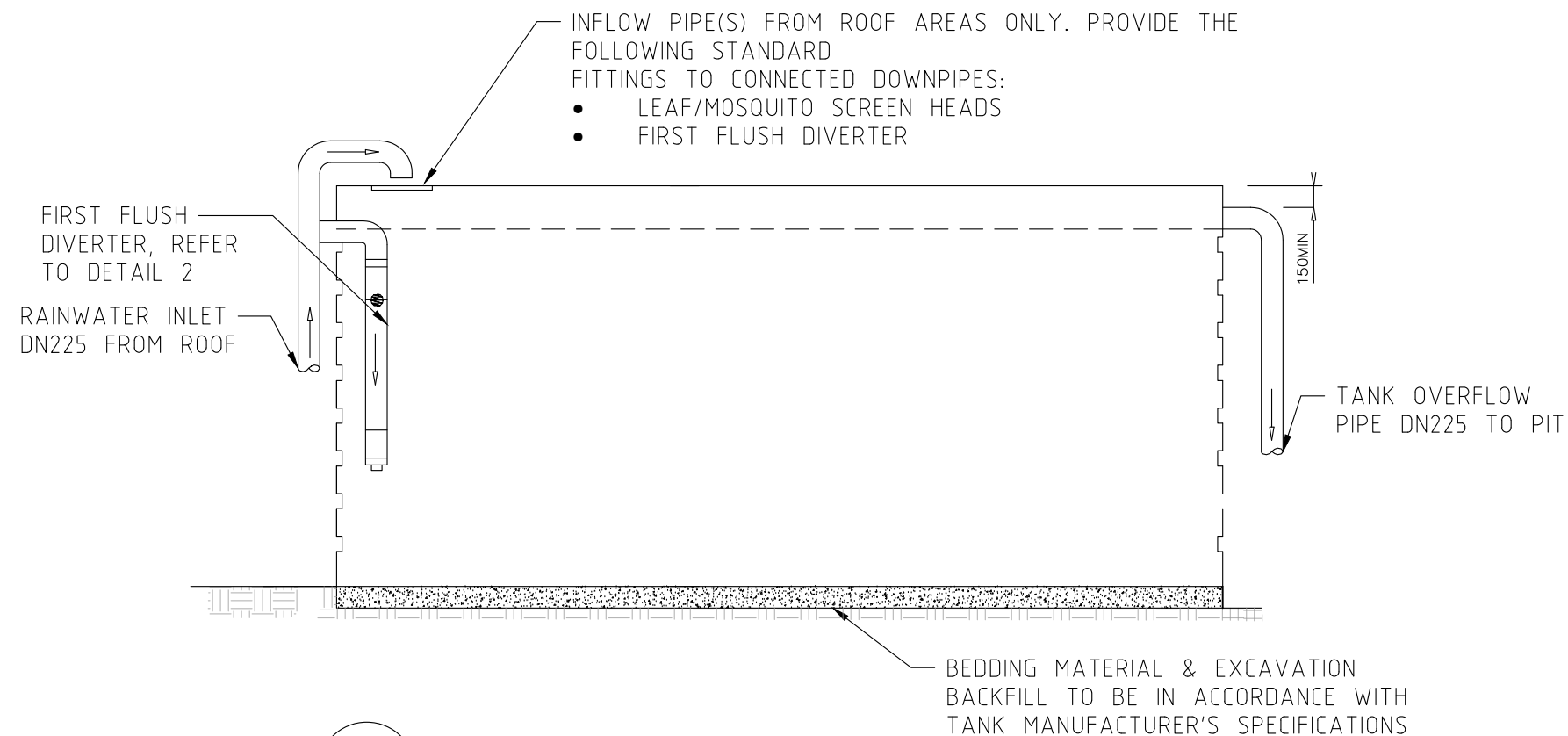


 **THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT**  
**DA2022/2081**

PLAN 2  
ROOF LAYOUT  
1:200  
1. ALL DOWNPIPES TO BE DN100

NOT FOR CONSTRUCTION





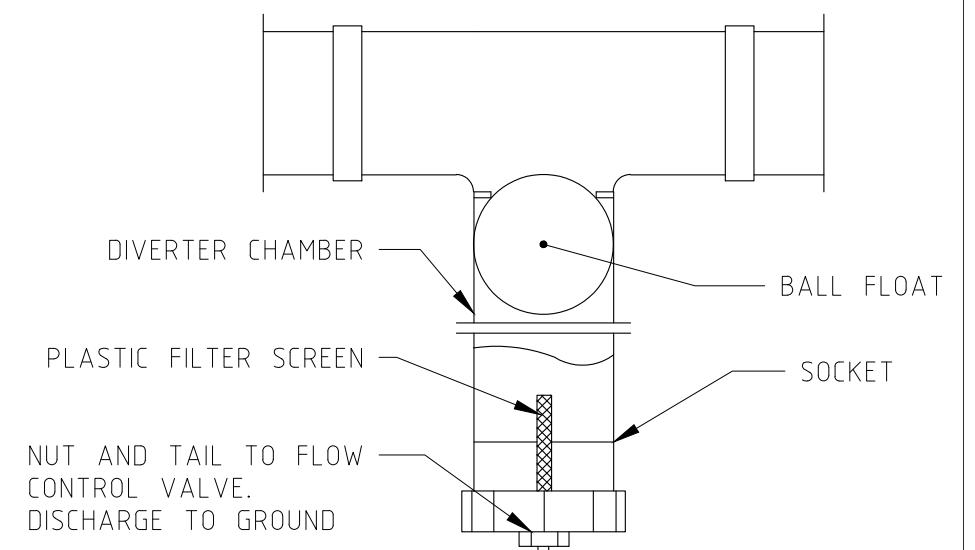
DETAIL  
1

## 20KL RAINWATER REUSE TANK

NOT TO SCALE

### NOTES:

- RAINWATER TANK TO BE CONNECTED TO:
  - INTERNAL TOILETS FOR FLUSHING
  - OUTDOOR IRRIGATION SYSTEM
- RAINWATER TANK MUST MEET, AND BE INSTALLED IN ACCORDANCE WITH, THE REQUIREMENTS OF ALL APPLICABLE REGULATORY AUTHORITIES.



DETAIL  
2

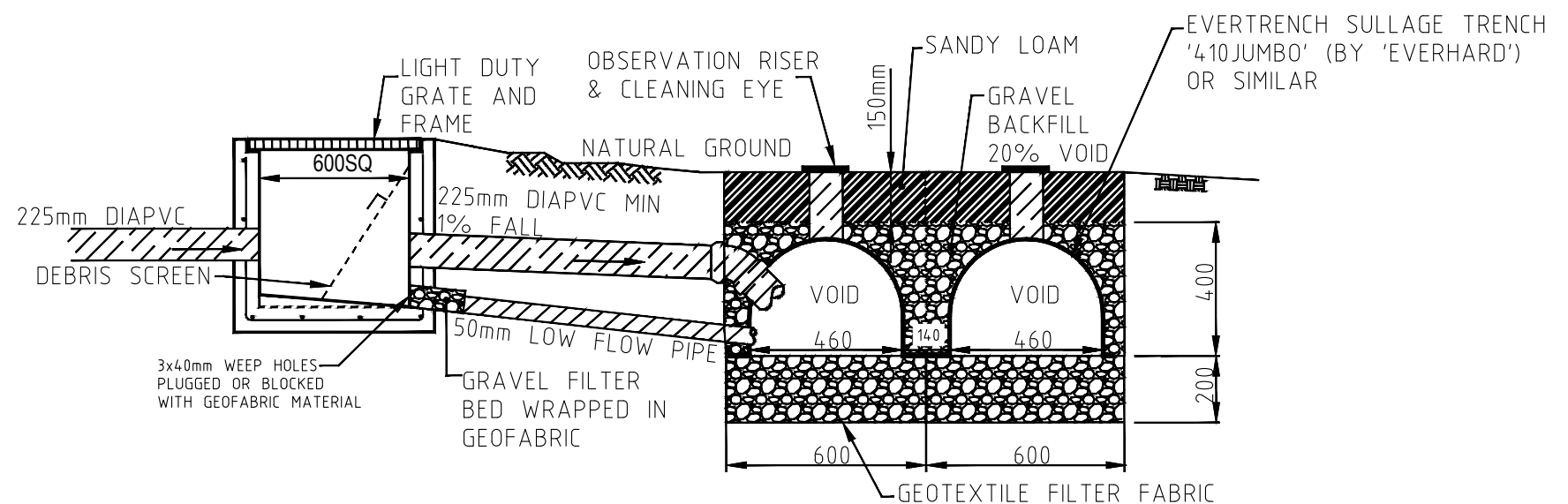
## FIRST FLUSH DIVERTER

NOT TO SCALE

**northern beaches council**

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

**DA2022/2081**



DETAIL  
3

## ABSORPTION TRENCH (TYPICAL)

NOT TO SCALE

NOT FOR CONSTRUCTION

|                                                                                       |  |  |  |  |                                                                            |  |  |  |                                                                                                                                                                         |  |  |  |                     |  |                                     |  |  |  |
|---------------------------------------------------------------------------------------|--|--|--|--|----------------------------------------------------------------------------|--|--|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|---------------------|--|-------------------------------------|--|--|--|
| This drawing is confidential and shall only be used for the purposes of this project. |  |  |  |  | Scale                                                                      |  |  |  | THE SIGNING OF THIS TITLE BLOCK CONFIRMS THE DESIGN AND DRAFTING OF THIS PROJECT HAVE BEEN PREPARED AND CHECKED IN ACCORDANCE WITH THE STELLEN QUALITY ASSURANCE SYSTEM |  |  |  | CLIENT              |  | NEW WARRINGAH GOLF & COMMUNITY CLUB |  |  |  |
|                                                                                       |  |  |  |  | AS NOTED                                                                   |  |  |  | DESIGNED                                                                                                                                                                |  |  |  | WARRINGAH GOLF CLUB |  | DETAILS                             |  |  |  |
|                                                                                       |  |  |  |  | DO NOT SCALE. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED |  |  |  | DRAWN                                                                                                                                                                   |  |  |  | ABN 15 000 085 601  |  |                                     |  |  |  |
|                                                                                       |  |  |  |  |                                                                            |  |  |  | APPROVED                                                                                                                                                                |  |  |  | Size                |  | Status                              |  |  |  |
|                                                                                       |  |  |  |  |                                                                            |  |  |  |                                                                                                                                                                         |  |  |  | A3                  |  | APPROVED FOR DA SUBMISSION          |  |  |  |
|                                                                                       |  |  |  |  |                                                                            |  |  |  |                                                                                                                                                                         |  |  |  |                     |  | DR-003                              |  |  |  |
|                                                                                       |  |  |  |  |                                                                            |  |  |  |                                                                                                                                                                         |  |  |  |                     |  | Rev                                 |  |  |  |
|                                                                                       |  |  |  |  |                                                                            |  |  |  |                                                                                                                                                                         |  |  |  |                     |  | 1                                   |  |  |  |







1.0 Stormwater Management

The stormwater management plan design is described in the following Stellen drawings:

|        |            |                                   |
|--------|------------|-----------------------------------|
| DR-000 | Revision 1 | Legend                            |
| DR-001 | Revision 3 | Pipe Layout & Catchments plan     |
| DR-002 | Revision 1 | Roof Layout                       |
| DR-003 | Revision 1 | Details                           |
| SD-001 | Revision 0 | Erosion and Sediment Control Plan |
| LT-001 | Revision 1 | SW & WSUD design statement        |



The proposed stormwater design as described by the drawings is in accordance with the following documents with the noted exceptions:

- Australian Standard AS3500.3 (2021) - Plumbing and Drainage: Part 3 Stormwater Drainage.
- Northern Beaches Council - Water Management for Development Policy (2021)

We recommend the stormwater management plan (as described in the drawings) as a safe and practical solution to support the development.

2.0 Stormwater Quality

Conceptual water quality modelling using the Model for Urban Stormwater Improvement Conceptualisation (MUSIC) Version 6.3 was undertaken to estimate the effectiveness of the proposed stormwater management strategy at removing pollutants, particularly sediment, phosphorous and nitrogen, over the long term.

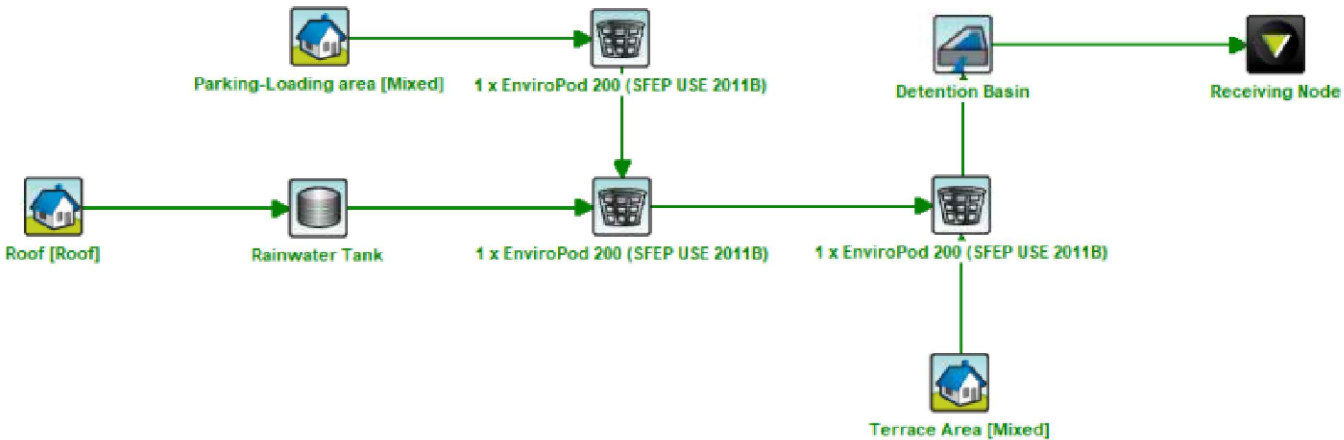
A number of Water-sensitive urban design (WSUD) measures are proposed to manage runoff from the site including:

- Rainwater tank with volume of 20kL
- Grass pollutant trap, ENVIROPOD 2000 (SFEP USE 2011B)
- 10m<sup>2</sup> absorption trench with level spreader based on 78.70mm/hr infiltration rate.

The model configuration and proposed treatment train is shown in model 1.

The water quality catchments for roof/rainwater and other areas were estimated based on the proposed architectural drawings. Plan 3 summarises the WSUD catchments plan and areas.

The Water Quality Management Strategy design is required to meet the requirements of the Northern Beaches Council Development Control Plan 2020 Revision 1, part: 4.1.1 - Part: 8.2 Stormwater Quality Requirements outlined in Table 1 below. Results show that the proposed Water Quality Management Strategy provides a reduction in post-development loads of Total Suspended Solids, Total Phosphorous, Total Nitrogen and Gross Pollutants that meet Council's pollution reduction targets of 85%, 60%, 45% and 90% respectively.



MODEL 1 WATER QUALITY MANAGEMENT MUSIC MODEL CONFIGURATION NOT TO SCALE



PLAN 3 CATCHMENTS PLAN 1:1000

| TABLE 1 – WATER QUALITY OBJECTIVES (COUNCIL DCP) |                                  |
|--------------------------------------------------|----------------------------------|
| POLLUTANT                                        | POLLUTANT REDUCTION TARGET (DCP) |
| TOTAL SUSPENDED SOLIDS (TSS)                     | 85%                              |
| TOTAL PHOSPHORUS (TP)                            | 65%                              |
| TOTAL NITROGEN (TN)                              | 45%                              |
| GROSS POLLUTANTS                                 | 90%                              |

| Treatment Train Effectiveness - Receiving Node |         |               |             |
|------------------------------------------------|---------|---------------|-------------|
|                                                | Sources | Residual Load | % Reduction |
| Flow (ML/yr)                                   | 2.29    | 1.58          | 31.1        |
| Total Suspended Solids (kg/yr)                 | 214     | 20.3          | 90.5        |
| Total Phosphorus (kg/yr)                       | 0.559   | 0.196         | 65          |
| Total Nitrogen (kg/yr)                         | 5.63    | 2.4           | 57.4        |
| Gross Pollutants (kg/yr)                       | 46.8    | 0.0389        | 99.9        |

REDUCTION ACHIEVED

NOT FOR CONSTRUCTION