

PROPOSED HORSE ARENA AND FACILITIES AND NEW DWELLING **S 8.7 REVIEW DRAWINGS**

DRAWING NAME	DRAWING No	SCALE (at A1)	REV	DATE
COVERPAGE	1826 00		N	01. 1.2025
SITE PLAN	1826 01	1:200	N	06.12.2024
STREET ELEVATION	1826 02	1:150	N	06.12.2024
EAST ELEVATION/SECTION C	1826 03	1:150	N	06.12.2024
NORTH ELEVATION	1826 04	1:150	N	06.12.2024
SOUTH ELEVATION	1826 05	1:150	N	06.12.2024
SECTION A / B	1826 06	1:100	N	06.12.2024
LANDSCAPE PLAN	1826 07	1:200	N	06.12.2024
PERSPECTIVES	1826 08		N	06.12.2024
PERSPECTIVES	1826 09		N	06.12.2024
EROSION & SEDIMENT PLAN	1826 11	1:200	N	06.12.2024
TREE REMOVAL	1826 13	1:200	N	16.12.2024
PATHS	1826 14	1:200	N	06.12.2024
WASTE WATER	1826 15	1:200	N	16.12.2024
EXCAVATION	1826 16	1:200	N	06.12.2024
STORMWATER CONCEPT	1826 17	1:200	N	06.12.2024
SITE CALCULATIONS PLAN	1826 18	1:200	N	06.12.2024
TULLIPAN DRAWING LIST	1826 20		J	May 2023
LOCATION PLAN	1826 21	1:500	J	May 2023
SITE ANALYSIS PLAN	1826 22	1:200	J	May 2023
GROUND FLOOR PLAN	1826 23	1:100	J	May 2023
FIRST FLOOR PLAN	1826 24	1:100	J	May 2023
EAST/NORTH.ELEVATIONS	1826 25	1:100	J	May 2023
WEST / SOUTH ELEVATIONS	1826 26	1:100	J	May 2023
DRIVEWAY	1826 27	1:200	J	May 2023
WATER MANAGEMENT	1826 28	1:100	J	May 2023
SHADOW DIAGRAM	1826 29	1:200	J	May 2023
FINISHES	1826 30		N	06.12.2024

N. 6.12.2024 Coverpage

L	10.09.24	REMOVE HORSE WASH BAY, ARENA REPOSITIONED
K	04.06.24	REMOVE UNUSED SEPTIC TANK AND LINE
J	31.01.24	EMA SHOWN FOR DA
J	11.5.23	
Revision	Date	Remarks
Project		
PROPOSED HORSE ARENA AND FACILITIES AND NEW DWELLING		
LOT 6 DP749791		
Address		
113 Orchard St, Warriewood		
Title		
COVER PAGE		
Tony McLain Architect (Reg. No. 4291)		
Tel 98108631		
Mob 0402223665		
mclain@tonyarchitect.com.au		
Scale @ A1	Date	01.1.2025
Project No.	Drawing No.	
1826	00	-N



SITE PLAN
SCALE 1:200 AT A1
SITE AREA 9766m2

REFER ALSO TO CONSULTANTS REPORTS/DRAWINGS:
ARBORICULTURAL IMPACT ASSESSMENT REPORT (L&Co - Matthew Laurence) -
BUSHFIRE REPORT (Damien Cartwright)
STORMWATER PLANS (NB Consulting Engineers)
BIODIVERSITY DEVELOPMENT ASSESSMENT REPORT (GIS Environmental Consultants)
GEOTECHNICAL RISK MANAGEMENT REPORT (White Geotechnical Group)
LAND CAPABILITY AND WASTE WATER REPORT (Martens Consulting Engineers)

EMA (EFFLUENT MANAGEMENT AREA)
SEE WASTE WATER REPORT BY
MARTENS CONSULTING ENGINEERS
P 2108165/RO05V02

- KEY**
- EXISTING VEGETATION - UNBUILT ON AREA WITHIN BOUNDARIES
 - NEW SCREEN PLANTING
 - ARENA, DAY YARDS, TOP PADDOCKS
 - ACCESS DRIVE COMPACTED ROAD BASE
 - HORSE PATH NATURAL GRADE
 - NEW STRUCTURES

CHECK TREE POSITIONS NEAR TO FACILITIES
REPORT ANY DISCREPANCIES TO ARCHITECT
BEFORE COMMENCING CONSTRUCTION

- EXISTING TREE CANOPY
- TREE PROTECTION ZONE IMPORTANT TREES
- TREE PROTECTION ZONE LESS IMPORTANT TREES
- TREE TO BE REMOVED
- FENCE
- APZ
- NEW LEVEL
- CLEAN WATER DIVERSION MOUND
- BIO-RETENTION SWALE
- EFFLUENT MANAGEMENT AREA
- RETAINING WALL
- 1200 HIGH TIMBER FENCE
- RETAINING WALL

Revision	Date	Remarks
N	6.12.24	APPEAL APPLICATION S8.7
M	01.10.24	REVISED SITE PLAN
L	10.09.24	REMOVE HORSE WASH BAY, ARENA REPOSITIONED
K	04.06.24	REMOVE UNUSED SEPTIC TANK AND LINE
J	31.01.24	EMA SHOWN FOR DA
	11.5.23	

Revision Date Remarks

**PROPOSED HORSE ARENA
AND FACILITIES
AND NEW DWELLING**

LOT 6 DP749791

Address

113 Orchard St, Warriewood

Title

SITE PLAN

DA

Tony McLain Architect (Reg. No. 4291)

Tel 98108631
Mob 0402223665
mclaintony@gmail.com

Scale	1:200 @ A1	Date	DEC 2024	Rev.	N
Project No.	1826	Drawing No.	01		

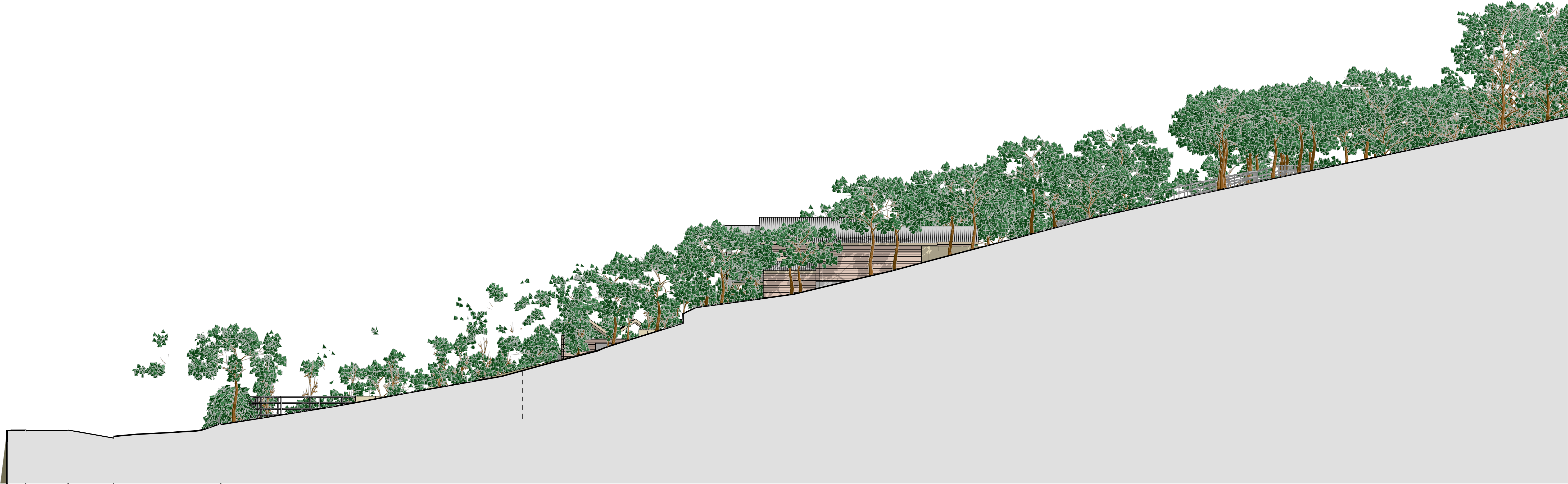


SET BOTTOM OF FENCE ON BOUNDARY LINE
'SANDSTONE' FINISH TO RETAINING WALL

Revision	Date	Remarks
N	6.12.24	APPEAL APPLICATION S8.7
M	01.10.24	REVISED SITE PLAN
L	10.09.24	REMOVE HORSE WASH BAY, ARENA REPOSITIONED
K	04.06.24	REMOVE UNUSED SEPTIC TANK AND LINE
J	31.01.24 11.5.23	EMA SHOWN FOR DA
Revision	Date	Remarks
Project		
PROPOSED HORSE ARENA AND FACILITIES AND NEW DWELLING		
LOT 6 DP749791		
Address		
113 Orchard St, Warriewood		
Title		
STREET ELEVATION		
DA		
Tony McLain Architect (Reg. No. 4291)		
Tel 98108631 Mob 0402223665 mclaintony@gmail.com		
Scale 1:150 @ A1		Date DEC 2024
Project No. 1826	Drawing No. 02	Rev. N



Revision	Date	Remarks
N	6.12.24	APPEAL APPLICATION S8.7
M	01.10.24	REVISED SITE PLAN
L	10.09.24	REMOVE HORSE WASH BAY, ARENA REPOSITIONED
K	04.06.24	REMOVE UNUSED SEPTIC TANK AND LINE
J	31.01.24 11.5.23	EMA SHOWN FOR DA
Revision	Date	Remarks
Project		
PROPOSED HORSE ARENA AND FACILITIES AND NEW DWELLING		
LOT 6 DP749791		
Address		
113 Orchard St, Warriewood		
Title		
EAST ELEVATION/ SECT C		
DA		
Tony McLain Architect (Reg. No. 4291)		
Tel 98108631 Mob 0402223665 mclaintony@gmail.com		
Scale 1:150 @ A1		Date DEC 2024
Project No.	Drawing No.	Rev.
1826	03	N



Revision	Date	Remarks
N	6.12.24	APPEAL APPLICATION S8.7
M	01.10.24	REVISED SITE PLAN
L	10.09.24	REMOVE HORSE WASH BAY, ARENA REPOSITIONED
K	04.06.24	REMOVE UNUSED SEPTIC TANK AND LINE
J	31.01.24 11.5.23	EMA SHOWN FOR DA

Revision	Date	Remarks
----------	------	---------

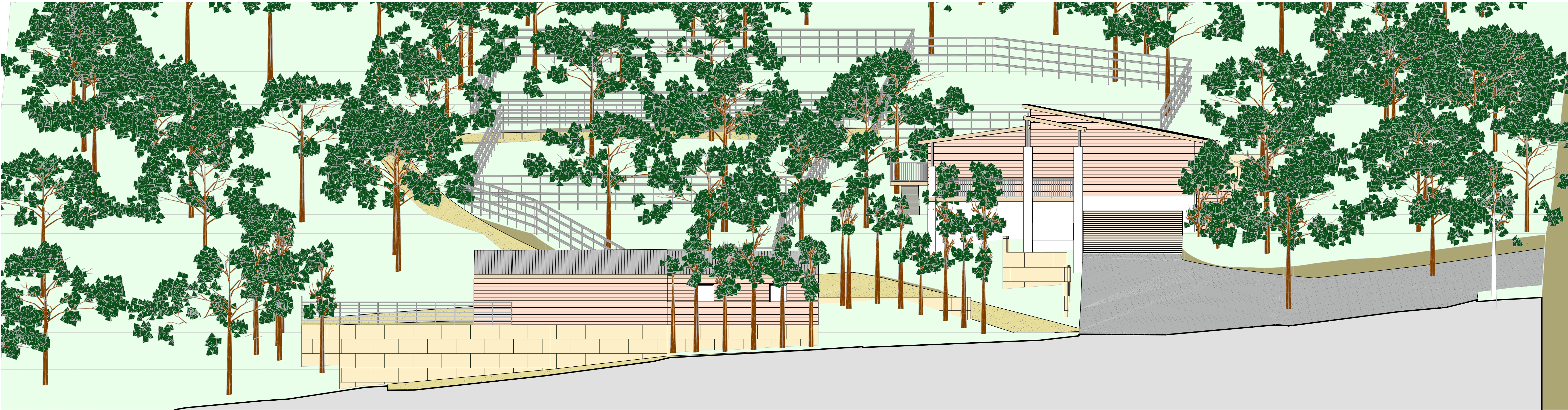
Project
**PROPOSED HORSE ARENA
AND FACILITIES
AND NEW DWELLING**
LOT 6 DP749791
Address
113 Orchard St, Warriewood
Title
NORTH ELEVATION DA

Tony McLain Architect (Reg. No. 4291)
Tel 98108631
Mob 0402223665
mclaintony@gmail.com

Scale	Date	Rev.
1:150 @ A1	DEC 2024	
Project No. 1826	Drawing No. 04	N

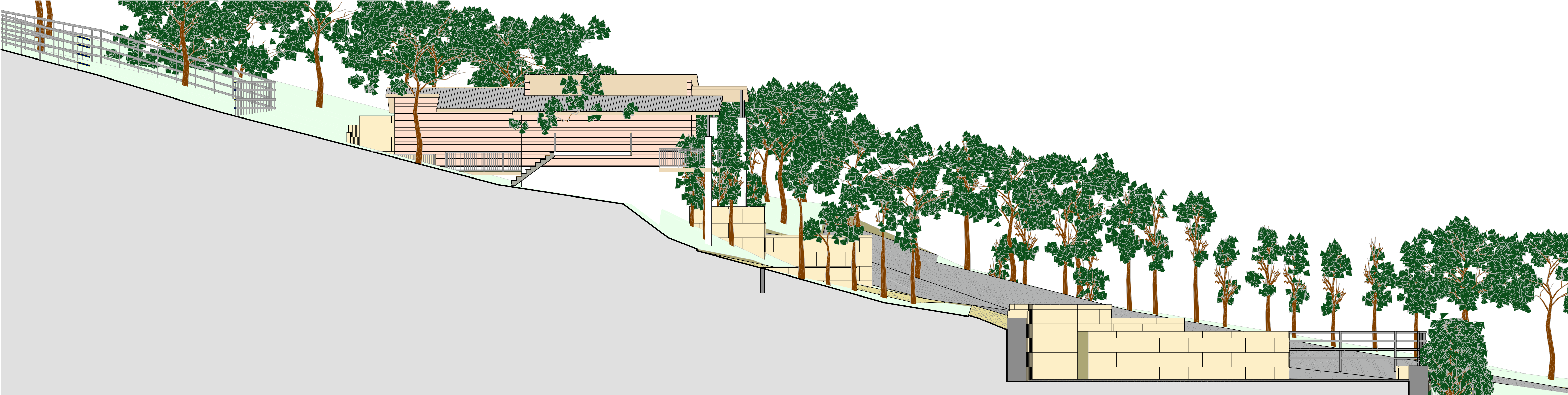


Revision	Date	Remarks
N	6.12.24	APPEAL APPLICATION S8.7
M	01.10.24	REVISED SITE PLAN
L	10.09.24	REMOVE HORSE WASH BAY, ARENA REPOSITIONED
K	04.06.24	REMOVE UNUSED SEPTIC TANK AND LINE
J	31.01.24 11.5.23	EMA SHOWN FOR DA
Revision	Date	Remarks
Project		
PROPOSED HORSE ARENA AND FACILITIES AND NEW DWELLING		
LOT 6 DP749791		
Address		
113 Orchard St, Warriewood		
Title		
SOUTH ELEVATION		DA
Tony McLain Architect (Reg. No. 4291)		
Tel 98108631 Mob 0402223665 mclaintony@gmail.com		
Scale 1:150 @ A1		Date DEC 2024
Project No. 1826	Drawing No. 05	Rev. N



1
-

SECTION A-A
1:100



2
-

SECTION B-B
1:100

Revision	Date	Remarks
N	6.12.24	APPEAL APPLICATION S8.7
M	01.10.24	REVISED SITE PLAN
L	10.09.24	REMOVE HORSE WASH BAY, ARENA REPOSITIONED
K	04.06.24	REMOVE UNUSED SEPTIC TANK AND LINE
J	31.01.24 11.5.23	EMA SHOWN FOR DA

Revision Date Remarks

Project

PROPOSED HORSE ARENA
AND FACILITIES
AND NEW DWELLING

LOT 6 DP749791

Address

113 Orchard St, Warriewood

Title

SECTION A+B

DA

Tony McLain Architect (Reg. No. 4291)

Tel 98108631

Mob 0402223665

mclaintony@gmail.com

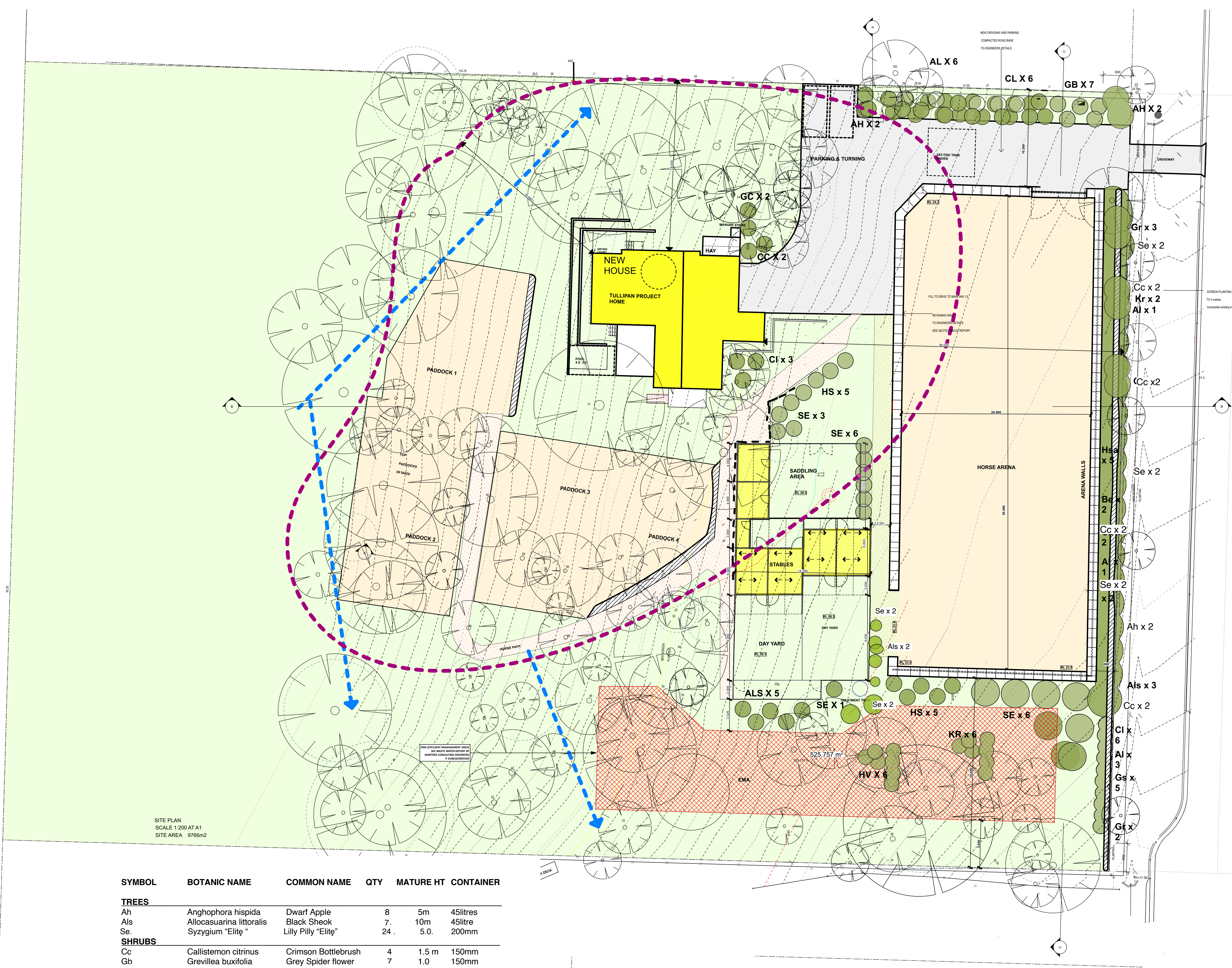
Scale 1:100 @ A1

Project No. 1826

Drawing No. 06

Date DEC 2024

Rev. N



KEY

EXISTING VEGETATION
- UNBUILT ON AREA
WITHIN BOUNDARIES

NEW SCREEN PLANTING

ARENA, DAY YARDS,
TOP PADDOCKS

ACCESS DRIVE
COMPACTED ROAD BASE

HORSE PATH
NATURAL GRADE

NEW STRUCTURES

CHECK TREE POSITIONS NEAR TO FACILITIES
REPORT ANY DISCREPANCIES TO ARCHITECT
BEFORE COMMENCING CONSTRUCTION

APZ

CLEAN WATER DIVERSION MOUND

BIO-RETENTION SWALE

EFFLUENT MANAGEMENT AREA

RETAINING WALL

1200 HIGH TIMBER FENCE

RETAINING WALL

SITE PLAN
SCALE 1:200 AT A1
SITE AREA 9766m2

SYMBOL	BOTANIC NAME	COMMON NAME	QTY	MATURE HT	CONTAINER
TREES					
Ah	Anghophora hispida	Dwarf Apple	8	5m	45litres
Als	Allocasuarina littoralis	Black Sheok	7	10m	45litre
Se.	Syzygium "Elite"	Lilly Pilly "Elite"	24	5.0.	200mm
SHRUBS					
Cc	Callistemon citrinus	Crimson Bottlebrush	4	1.5 m	150mm
Gb	Grevillea buxifolia	Grey Spider flower	7	1.0	150mm
Al	Acacia longifolia	Golden Wattle	16	3.0	200mm
Cl	Callistemon linearis	Narrow leaf bottle brush	17	2.0	200mm
Gs	Grevillea serica	Pink Spider flower	5	2.0	200mm
Hs	Hakiea salicifolia	Willow leaf Hakea	5	2.0	200mm
GROUND COVER					
Hv	Hardenbergia violacea	Native sarsaparilla	6	150 mm	
Kr	Kennedia rubicunda	Dusky Coral Pea	8	150mm	

Revision

Date

Remarks

N

6.12.24

APEAL APPLICATION S8.7

M

01.10.24

REVISED SITE PLAN

L

10.09.24

REMOVE HORSE WASH BAY, ARENA REPOSITIONED

K

04.06.24

REMOVE UNUSED SEPTIC TANK AND LINE

J

31.01.24

EMA SHOWN FOR DA

11.5.23

Revision

Date

Remarks

Project

PROPOSED HORSE ARENA
AND FACILITIES
AND NEW DWELLING

LOT 6 DP749791

Address

113 Orchard St, Warriewood

Title

LANDSCAPE CONCEPT PLAN

DA

Tony McLain Architect (Reg. No. 4291)

Tel 98108631

Mob 0402223665

mclaintony@gmail.com

Scale 1:200 @ A1

Date DEC 2024

Project No.

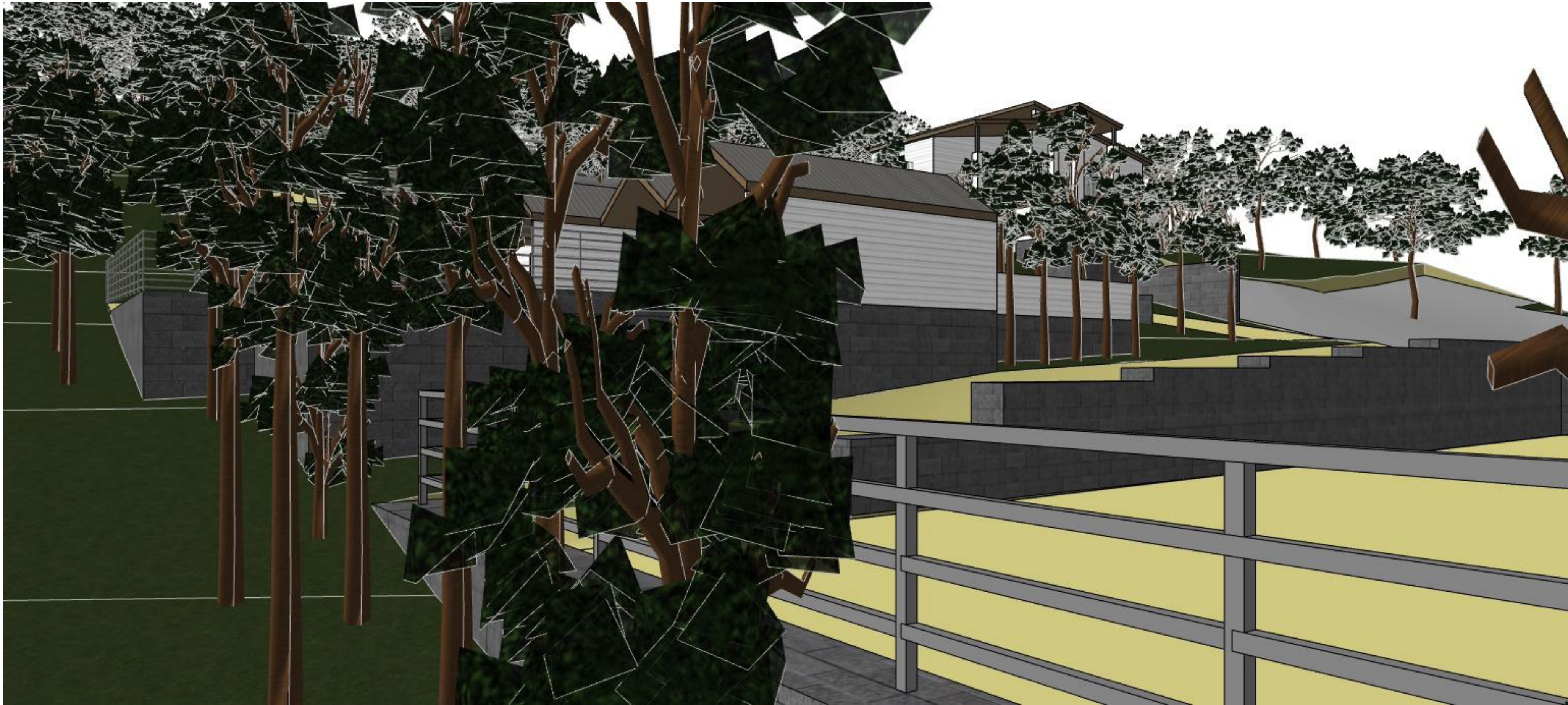
Drawing No.

Rev.

1826

07

N



Revision	Date	Remarks
N	6.12.24	APPEAL APPLICATION S8.7
M	01.10.24	REVISED SITE PLAN
L	10.09.24	REMOVE HORSE WASH BAY, ARENA REPOSITIONED
K	04.06.24	REMOVE UNUSED SEPTIC TANK AND LINE
J	31.01.24 11.5.23	EMA SHOWN FOR DA
Revision	Date	Remarks
Project		
PROPOSED HORSE ARENA AND FACILITIES AND NEW DWELLING		
LOT 6 DP749791		
Address		
113 Orchard St, Warriewood		
Title		
PERSPECTIVES		
DA		
Tony McLain Architect (Reg. No. 4291)		
Tel 98108631		
Mob 0402223665		
mclaintony@gmail.com		
Scale	@ A1	Date DEC 2024
Project No.	1826	Drawing No. 08
		Rev. N



Revision	Date	Remarks
N	6.12.24	APPEAL APPLICATION S8.7
M	01.10.24	REVISED SITE PLAN
L	10.09.24	REMOVE HORSE WASH BAY, ARENA REPOSITIONED
K	04.06.24	REMOVE UNUSED SEPTIC TANK AND LINE
J	31.01.24 11.5.23	EMA SHOWN FOR DA
Revision	Date	Remarks
Project		
PROPOSED HORSE ARENA AND FACILITIES AND NEW DWELLING		
LOT 6 DP749791		
Address		
113 Orchard St, Warriewood		
Title		
PERSPECTIVES		
DA		
Tony McLain Architect (Reg. No. 4291)		
Tel 98108631		
Mob 0402223665		
mclaintony@gmail.com		
Scale @ A1		Date DEC 2024
Project No.	Drawing No.	Rev.
1826	09	N

SOIL and WATER MANAGEMENT PLAN

- 1 Minimise the area of soils exposed at any one time.
- 2 Conserve topsoil where removed and stockpile for future use.
- 3 Protect stockpiles. Install sediment barrier on down slope side.
- 4 Preserve existing vegetation not impacted by the approved work.
- 5 Prevent soil, sand and sediments leaving the site.
- 6 Control water surface flows through the site in a manner that
 - a) Diverts clean water runoff around disturbed areas
 - b) Ensure surface runoff occurs at non-erodible velocities
 - c) Ensures that disturbed areas are promptly rehabilitated

- 7 Sediment and erosion control measures are to be in place before site work starts
- 8 Materials are not to be tracked onto Orchard Street by vehicles entering or leaving the site.

EROSION CONTROL NOTES

- 1 Erosion control measures to be in place prior to work starting
- 2 Rehabilitation work includes the completion of all construction work and landscaping.
- 3 A program of progressive rehabilitation should be implemented to minimise erosion
- 4 Protect existing gutter at entry with Sediment Trap
- 5 Only one construction Entry point shall be used during construction.
- 6 During wet weather mud is to be hosed off vehicles prior to leaving the site.
- 7 Sediment traps and barriers shall be inspected after each storm, cleaned and replaced if necessary.
- 8 Remove all sediment and barriers after the completion of the works.

TEMPORARY EXIT CONSTRUCTION NOTES

- 1 Strip topsoil and level entry area.
- 2 Compact sub grade.
- 3 Cover area with geotextile fabric.
- 4 Construct 200mm pad over fabric using road base or 30mm aggregate.
Minimum length 10 metres and minimum width 3 metres.
- 5 Construct hump immediately within boundary to divert water away to a sediment fence or trap.

SEDIMENT BARRIER FENCE

- 1 Construct fence as close as possible parallel to site contours.
- 2 1500 mm star pickets at max 3m centres Cover area with geotextile fabric.
- 3 Form a shallow trench , 150 x 100 mm along the upslope for the geotextile fabric to be embedded.
- 4 Backfill trench over the base of the fabric.
- 5 Fix geotextile fabric to the upslope side of the posts with wire ties
- 6 Lap joins at support posts with a 150 mm overlap.

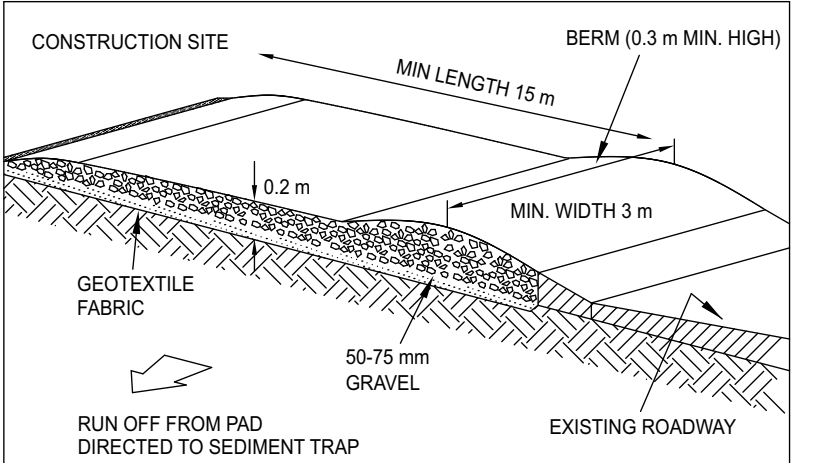
SEDIMENT BARRIER

- EXCAVATED VOLUME
1050M³
- FILLED VOLUME
1170M³

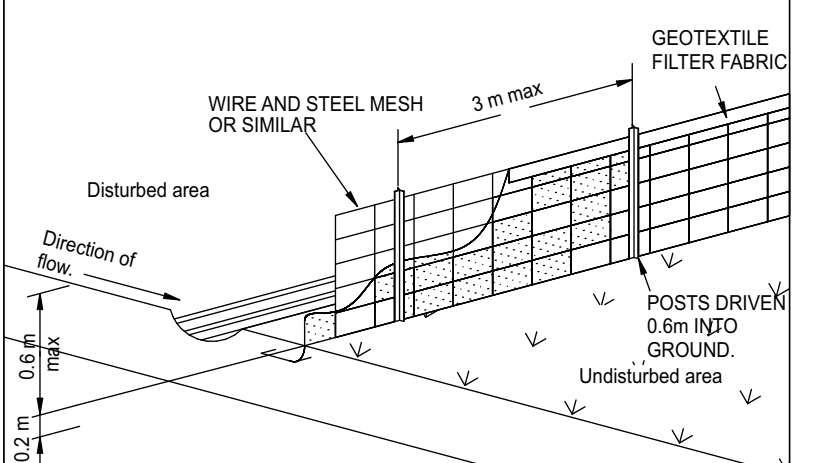
24.5 EXISTING LEVEL

24.0 FINISHED LEVEL

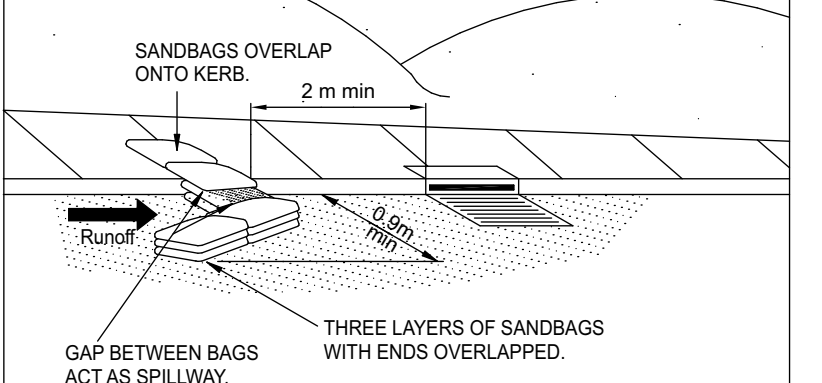
SEDIMENT TRAP



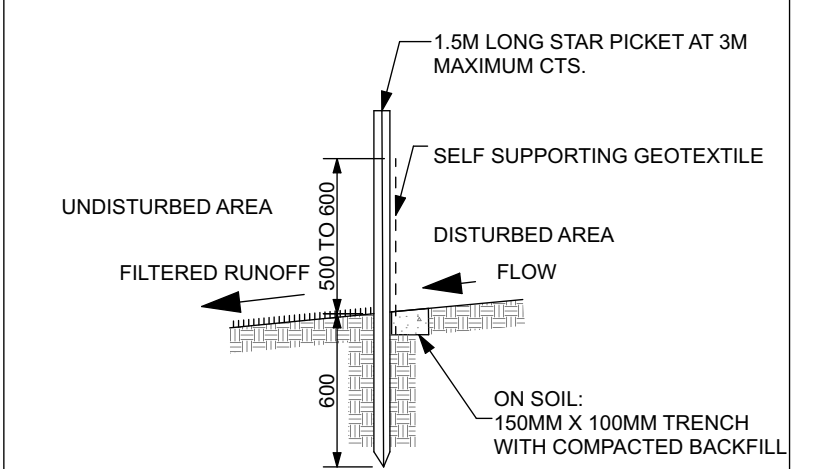
TEMPORARY CONSTRUCTION EXIT



SEDIMENT FENCE



SANDBAG KERB INLET SEDIMENT TRAP



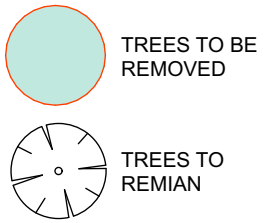
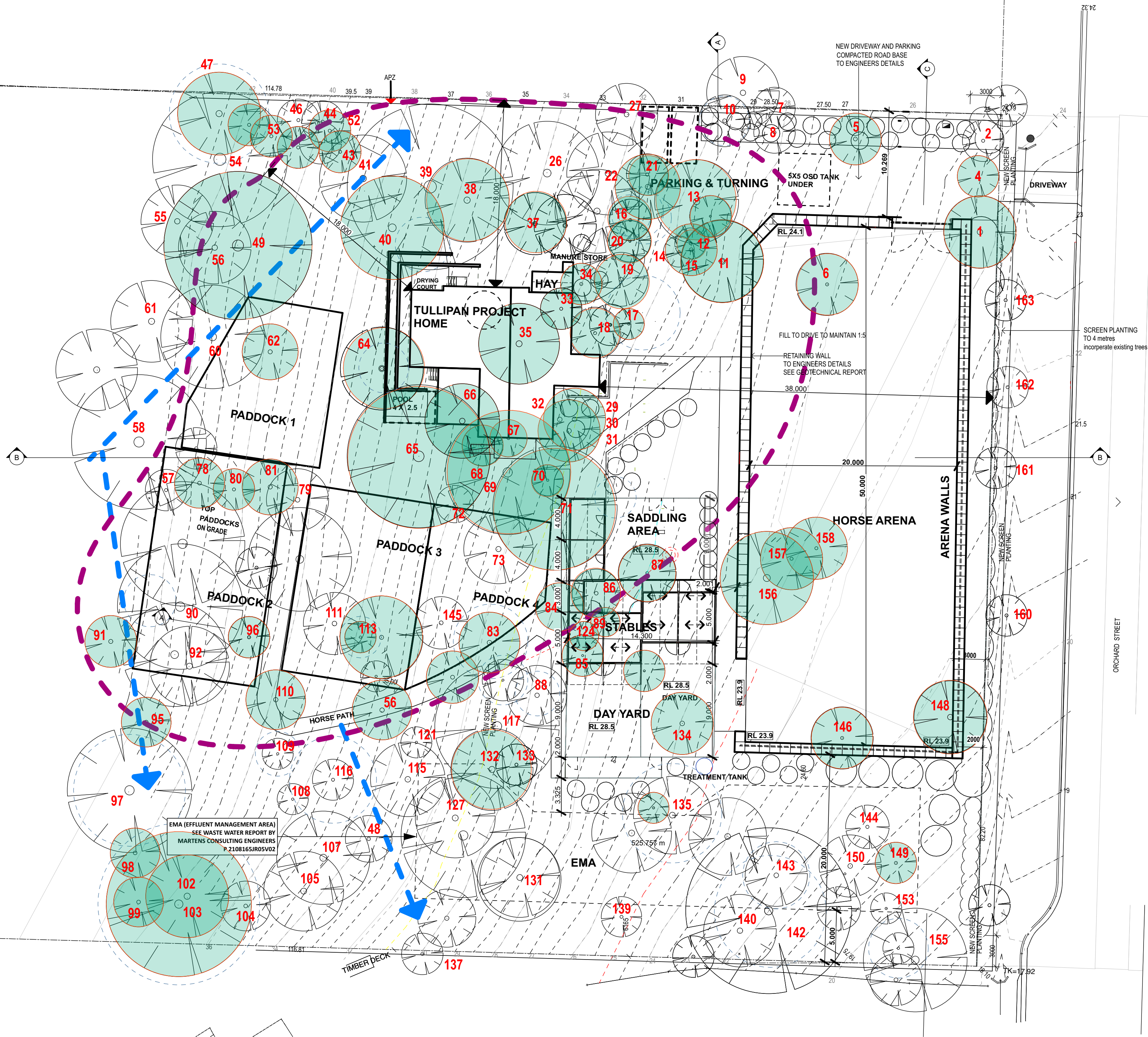
SILT FENCE SECTION NTS

Revision	Date	Remarks
N	6.12.24	APPEAL APPLICATION S8.7
M	01.10.24	REVISED SITE PLAN
L	10.09.24	REMOVE HORSE WASH BAY, ARENA REPOSITIONED
K	04.06.24	REMOVE UNUSED SEPTIC TANK AND LINE
J	31.01.24	EMA SHOWN FOR DA
	11.5.23	

Project
PROPOSED HORSE ARENA AND FACILITIES AND NEW DWELLING
LOT 6 DP749791
Address
113 Orchard St, Warriewood
Title
EROSION + SEDIMENT CONTROL DA

Tony McLain Architect (Reg. No. 4291)
Tel 98108631
Mob 0402223665
mclaintony@gmail.com

Scale 1:200 @ A1
Project No. 1826
Date DEC 2024
Drawing No. 11
Rev. N



SEE ARBORICULTURAL IMPACT
ASSESSMENT AND TREE PROTECTION
SPECIFICATION (APPENDIX 2)

L&Co 22032 16th December V4
Matthew Laurence

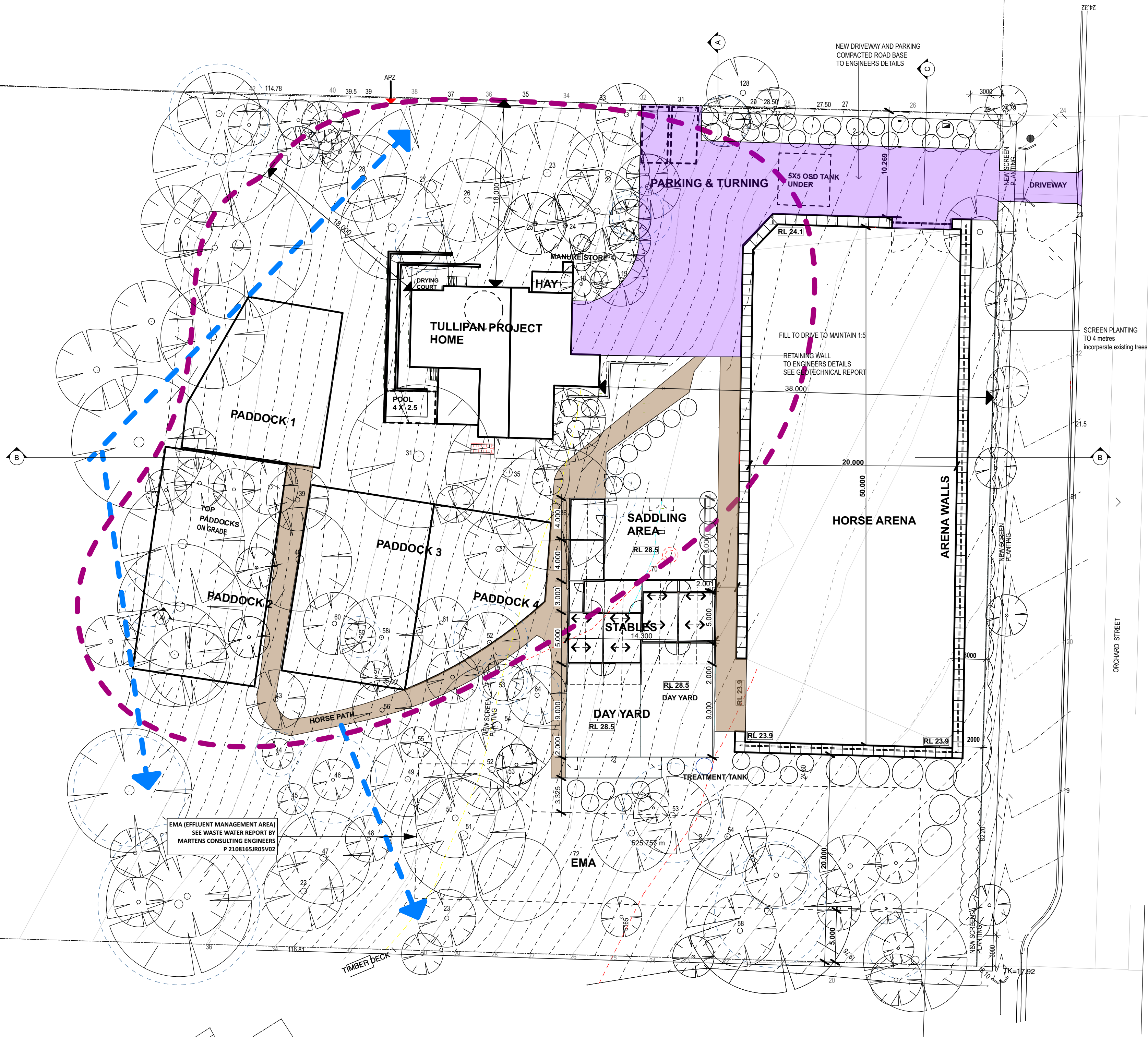
Trees nominated for Priority Removal
5,16,19,25,17,19,20,25,27,29,31,34,27,38,40
47,49,52,53,54,64,69,70,78,80,81,91,98,99
102,103,137,145,146,156,159
(Total 33)

Trees to be removed nominated in the Report.
These trees are to be removed as they are
within the development footprint area or are
in poor condition
1,4,6,11,12,13,14,15,17,18,21,22,23,30,32,33,
35,43,62,65,66,67,68,69,83,84,85,86,87,89,110,115
135,147,148,157,158
(Total 37)

Total tree removal 70

APZ AREA	3165 m2
Total canopy cover of remaining trees within the APZ	975 m2
Projected foliage cover 40%	390 m2
Canopy cover within the APZ	12.3 %

N-16-12-24	APPEAL APPLICATION S8.7	
M-7-10-24	REVISED SITE PLAN	
L-10-9-24	REMOVE WASH BAY, ARENA REPOSITIONED	
K-04-6-24	REMOVE UNUSED SEPTIC TANK AND LINE	
J-31-1-24	EMA SHOWN	
J 11-5-23	FOR DA	
G 21-7-22	REVISED HOUSE LOCATION	
F 11-4-22	REVISED HOUSE LOCATION	
E 11-6-20	FOR DA SUBMISSION	
D 7-7-19	GENERAL, TREE PROTECTION ZONES SHOWN	
C 10-6-19	GENERAL	
A 30-10-18	ABSORPTION BED ADDED, DIMENSIONS TO BOUNDARIES	
Revision	Date	Remarks
Project		
PROPOSED HORSE ARENA		
AND FACILITIES AND		
NEW DWELLING		
LOT 6 DP749791		
Address		
113 Orchard St , Warriewood		
Title		
TREE REMOVAL		
Tony McLain Architect (Reg. No. 4291)		
Tel 98108631		
Mob 0402223665		
mclaintony@gmail.com		
Scale 1:250 @ A2	Date	DEC 2024
Project No.	Drawing No.	Rev.
1826	13	N



- HORSE PATHS ON NATURAL GROUND
- VEHICLE, HORSE FLOAT, QUAD BIKE AREA, COMPACTED ROAD BASE

N-06-12-24 APPEAL APPLICATION S8.7
M-7-10-24 REVISED SITE PLAN
L-10-924 REMOVE WASH BAY, ARENA REPOSITIONED
K-04-6-24 REMOVE UNUSED SEPTIC TANK AND LINE
J-31-1-24 EMA SHOWN
J 11-5-23 FOR DA
G 21-7-22 REVISED HOUSE LOCATION
F 11-4-22 REVISED HOUSE LOCATION
E 11-6-20 FOR DA SUBMISSION
D 7-7-19 GENERAL, TREE PROTECTION ZONES SHOWN
C 10-6-19 GENERAL
A 30-10-18 ABSORPTION BED ADDED, DIMENSIONS TO BOUNDARIES

Revision	Date	Remarks
Project		
A	30-10-18	ABSORPTION BED ADDED, DIMENSIONS TO BOUNDARIES

PROPOSED HORSE ARENA AND FACILITIES AND NEW DWELLING
LOT 6 DP749791
Address
113 Orchard St , Warriewood
Title
PATHS
Tony McLain Architect (Reg. No. 4291)
Tel 98108631
Mob 0402223665
mclaintony@gmail.com
Scale 1:250 @ A2
Project No. 1826
Date DEC 2024
Drawing No. 14
Rev. N



N-16-12-24 APPEAL APPLICATION S8.7
M-7-10-24 REVISED SITE PLAN
L-10-924 REMOVE WASH BAY, ARENA REPOSITIONED
K-04-8-24 REMOVE UNUSED SEPTIC TANK AND LINE
J-31-1-24 EMA SHOWN
J 11-5-23 FOR DA
G 21-7-22 REVISED HOUSE LOCATION
F 11-4-22 REVISED HOUSE LOCATION
E 11-6-20 FOR DA SUBMISSION
D 7-7-19 GENERAL, TREE PROTECTION ZONES SHOWN
C 10-6-19 GENERAL
A 30-10-18 ABSORPTION BED ADDED, DIMENSIONS TO BOUNDARIES

Revision	Date	Remarks
Project		PROPOSED HORSE ARENA AND FACILITIES AND NEW DWELLING
Address		113 Orchard St , Warriewood
Title		WASTE WATER
Tony McLain Architect (Reg. No. 4291)		
Tel 98108631		
Mob 0402223665		
mclaintony@gmail.com		
Scale 1:250 @ A2	Date DEC 2024	Rev.
Project No. 1826	Drawing No. 15	N



- FILL AREA
1170m³
- CUT AREA
1050m³
- DEPTH OF
CUT OR FILL

CUT VOLUME USED
ON SITE TO REDUCE
IMPORTED FILL
VOLUME

N-06-12-24	APPEAL APPLICATION S8.7
M-7-10-24	REVISED SITE PLAN
L-10-9-24	REMOVE WASH BAY, ARENA REPOSITIONED
K-04-6-24	REMOVE UNUSED SEPTIC TANK AND LINE
J-31-1-24	EMA SHOWN
J 11-5-23	FOR DA
G 21-7-22	REVISED HOUSE LOCATION
F 11-4-22	REVISED HOUSE LOCATION
E 11-6-20	FOR DA SUBMISSION
D 7-7-19	GENERAL, TREE PROTECTION ZONES SHOWN
C 10-6-19	GENERAL
A 30-10-18	ABSORPTION BED ADDED, DIMENSIONS TO BOUNDARIES
Revision	Date Remarks
Project	PROPOSED HORSE ARENA AND FACILITIES AND NEW DWELLING
Address	LOT 6 DP749791
Title	113 Orchard St , Warriewood
	EXCAVATION
Tony McLain Architect (Reg. No. 4291)	
Tel 98108631	
Mob 0402223665	
mclaintony@gmail.com	
Scale 1:250 @ A2	Date DEC 2024
Project No. 1826	Drawing No. 16 Rev. N

EXTERNAL MATERIALS AND FINISHES

PROPOSED HORSE ARENA AND FACILITIES- 113 ORCHARD ST WARRIEWOOD

RETAINING WALLS

GABBION Stone baskets.AL-TEN. Sandstone fill to face



STABLE ROOF and HOUSE ADDITION ROOF

To match existing house

Colorbond **PALE EUCALYPT**



Colorbond® Pal...

C5

STABLE WALL CLADDING

Painted weatherboards

DULUX **TAPESTRY BEIGE**



Tapestry Beige

A167

HOUSE ADDITION CLADDING

To match existing stained weatherboards

Cabots **AUSTRALIAN JARRAH**



AUSTRALIAN JARRAH BASE

HOUSE ADDITION WINDOWS

Powder coat finish aluminium to match existing

Dulux **EARTHEN POT**



Earthen Pot

5010

1826 .30

6.12.2024



***PROPOSED
RESIDENCE***

Client: *A & S Simpson + N & J Hunter*
Site: *113 Orchard Street*
Warriewood NSW 2102
Lot 6, DP 749791

AA	Front Page
A01	Location Plan
A02	Site Plan - Site Analysis
A03	Ground Floor Plan
A04	First Floor Plan
A05	Elevations
A06	Elevations
A07	Cross Section & Driveway levels
A08	Water Management Plan
A09	Shadow Diagram
A10	Ground Floor Electrical Plan
A11	First Floor Electrical Plan
A12	Gas Plan
A - A	Wet Area Details
A - B	Wet Area Details

BASIX NOTES

All Showerheads, WC's, Kitchen and bathroom taps to be 3 star rated
Install 5000 litre water tank
Swimming pool max volume 10 Kilolitres
Install photovoltaic system .Generating capacity 1.5 peak kilowatts
Install windows to bedrooms
Install skylight to kitchen
Install 5 star instantaneous gas hot water system
Double Glazing to the Kitchen,Family,Living and Stairwell glazed areas
Hinged doors Uw = 4.10 , SHGC = 0.47
Sliding doors Uw = 4.10 , SHGC = 0.52

<i>Site Details</i>	
Site Area:	9598.8m ²
Roof Area:	240.9m ²
Harvested Roof Area:	As per BASIX
Total Garden & Lawn Area:	200m ²

Issue A1

**SEE DA DRAWINGS No 1826 (1-10) .Issue N1
PROPOSED HORSE ARENA AND FACILITIES
AND NEW RESIDENCE
113 ORCHARD ST, WARRIEWOOD**

Revision	Date	Remarks
J	11.5.23	FOR DA
Revision	Date	Remarks

Revision	Date	Remarks
Project		
PROPOSED HORSE ARENA AND AND FACILITIES AND ADDITIONS AND NEW DWELLING		
LOT 6 DP749791		

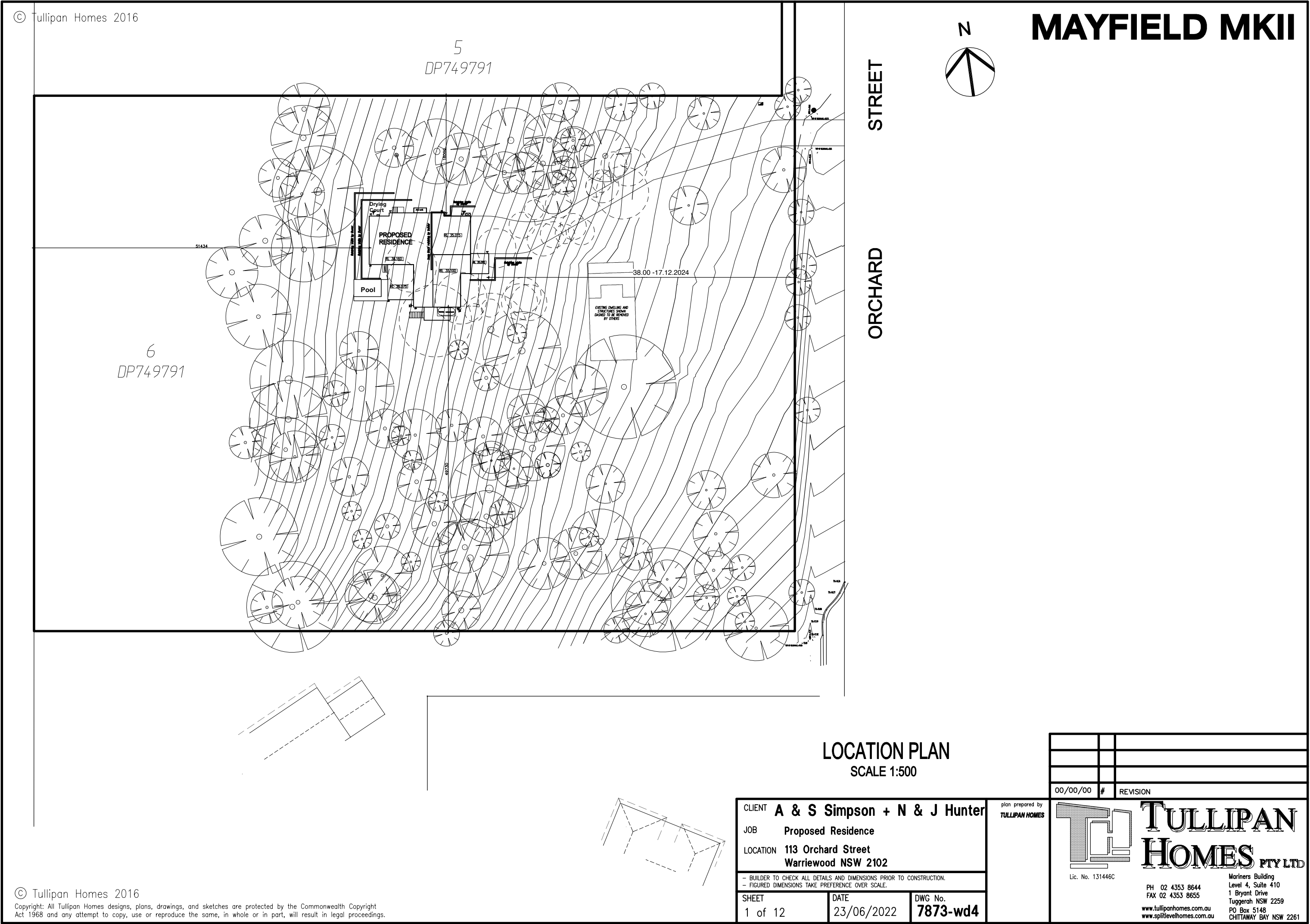
Address
113 Orchard St , Warriewood

Title
TULIPAN RESIDENCE

Tony McLain Architect (Reg. No. 4291)

Tel 98108631
Mob 0402223665
mclaintony@gmail.com

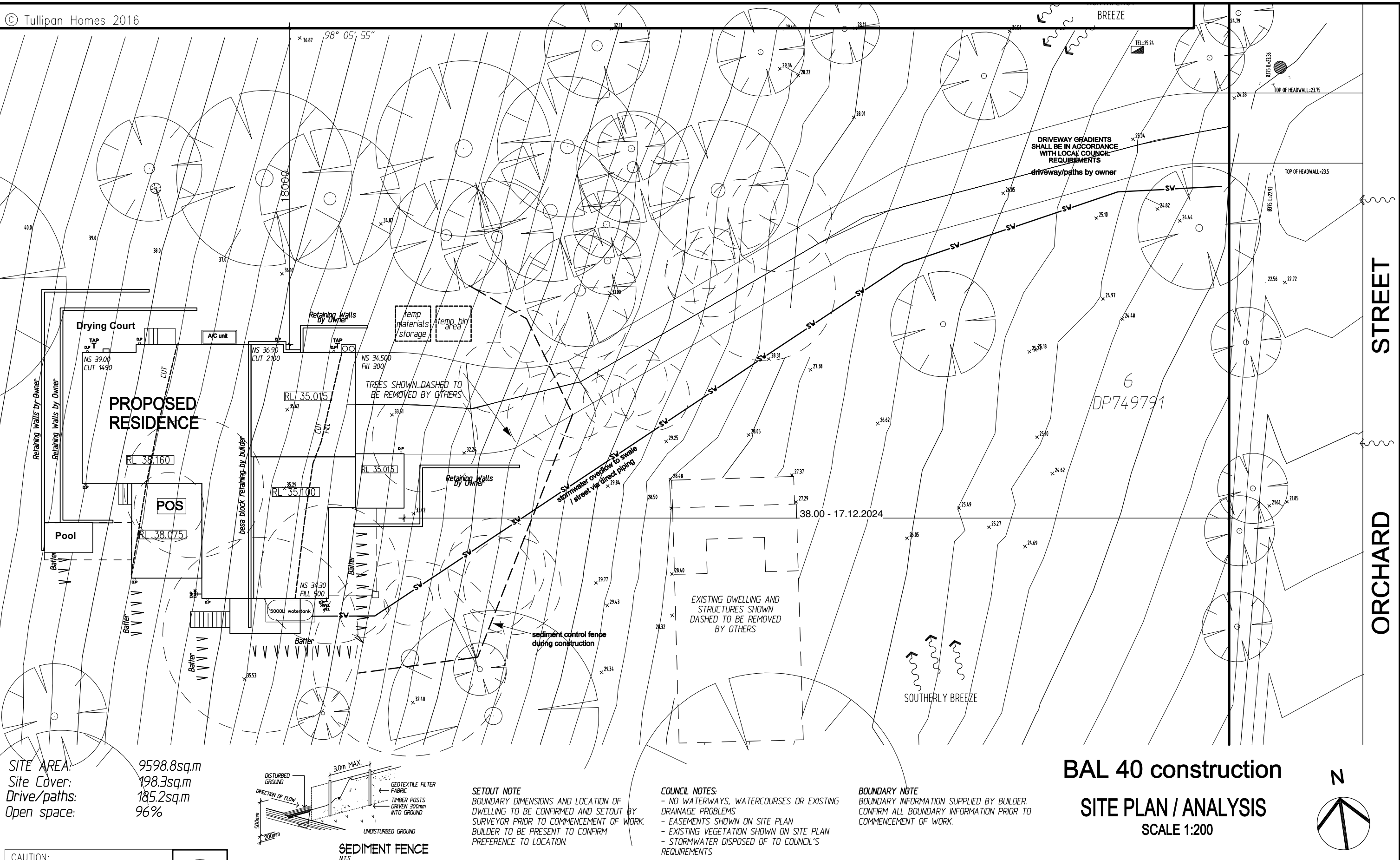
Scale 1:1 @ A1	Date	MAY 2023
Project No.	Drawing No.	Rev.
1826	20	J



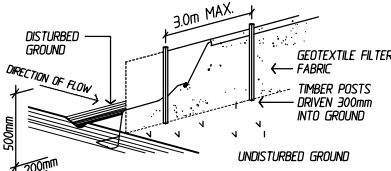
SEE DA DRAWINGS No 1826 (1-10) .Issue N
PROPOSED HORSE ARENA AND FACILITIES
AND NEW RESIDENCE
113 ORCHARD ST, WARRIEWOOD

Revision	Date	Remarks
J	11.5.23	FOR DA
Revision	Date	Remarks
Project		
PROPOSED HORSE ARENA AND AND FACILITIES AND ADDITIONS AND NEW DWELLING		
LOT 6 DP749791		
Address		
113 Orchard St , Warriewood		
Title		
TULLIPAN RESIDENCE		
Tony McLain Architect (Reg. No. 4291)		
Tel 98108631 Mob 0402223665 mclainTony@gmail.com		
Scale 1:1 @ A1		
Date MAY 2023		
Project No.		
Drawing No.		
Rev.		
1826	21	J

© Tullipan Homes 2016



SITE AREA: 9598.8sq.m
Site Cover: 198.3sq.m
Drive/paths: 185.2sq.m
Open space: 96%



SEDIMENT FENCE
RTS

SETOUT NOTE
BOUNDARY DIMENSIONS AND LOCATION OF DWELLING TO BE CONFIRMED AND SETOUT BY SURVEYOR PRIOR TO COMMENCEMENT OF WORK. BUILDER TO BE PRESENT TO CONFIRM PREFERENCE TO LOCATION.

COUNCIL NOTES:
- NO WATERWAYS, WATERCOURSES OR EXISTING DRAINAGE PROBLEMS
- EASEMENTS SHOWN ON SITE PLAN
- EXISTING VEGETATION SHOWN ON SITE PLAN
- STORMWATER DISPOSED OF TO COUNCIL'S REQUIREMENTS

BOUNDARY NOTE
BOUNDARY INFORMATION SUPPLIED BY BUILDER. CONFIRM ALL BOUNDARY INFORMATION PRIOR TO COMMENCEMENT OF WORK.

LEGEND

- NOISE FROM ROAD TRAFFIC
- VEHICULAR SITE ENTRY
- PRIVATE OPEN SPACE
- PREVAILING WINDS

CAUTION:

- UTILITY SERVICES SHOWN HEREON HAVE BEEN LOCATED WHERE POSSIBLE BY FIELD SURVEY. IF NOT ABLE TO BE LOCATED, SERVICES HAVE BEEN PLOTTED FROM THE RECORDS OF RELEVANT AUTHORITIES WHERE AVAILABLE. PRIOR TO EXCAVATION OR CONSTRUCTION ON THE SITE, THE RELEVANT AUTHORITY SHOULD BE CONTACTED FOR CONFIRMATION OF LOCATION OF SERVICES. *** CALL BEFORE YOU DIG (CALL 1100) ***
- THE BOUNDARIES SHOWN HEREON ARE APPROXIMATE ONLY. FOR ANY CONSTRUCTION ACTIVITIES PROPOSED IN CLOSE PROXIMITY TO THE BOUNDARIES, IT IS RECOMMENDED THAT THOSE BOUNDARIES BE MARKED TO AVOID POSSIBILITY OF ENCROACHMENT.

DIAL 1100 BEFORE YOU DIG

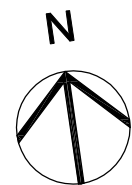
© Tullipan Homes 2016

Copyright: All Tullipan Homes designs, plans, drawings, and sketches are protected by the Commonwealth Copyright Act 1968 and any attempt to copy, use or reproduce the same, in whole or in part, will result in legal proceedings.

BAL 40 construction

SITE PLAN / ANALYSIS

SCALE 1:200



CLIENT	A & S Simpson + N & J Hunter		
JOB	Proposed Residence		
LOCATION	113 Orchard Street Warriewood NSW 2102		
-- BUILDER TO CHECK ALL DETAILS AND DIMENSIONS PRIOR TO CONSTRUCTION. -- FIGURED DIMENSIONS TAKE PREFERENCE OVER SCALE.			
SHEET	DATE		DWG No.
2 of 12	23/06/2022		7873-wd4

plan prepared by
TULLIPAN HOMES

TULLIPAN HOMES PTY LTD

Lic. No. 131446C

PH 02 4353 8644
FAX 02 4353 8655
www.tullipanhomes.com.au
www.applivehomes.com.au

Mariners Building
Level 4, Suite 410
1 Bryant Drive
Tuggerah NSW 2259
PO Box 5148
CHITTAWAY BAY NSW 2261

SEE DA DRAWINGS No 1826 (1-10) .Issue N
PROPOSED HORSE ARENA AND FACILITIES
AND NEW RESIDENCE
113 ORCHARD ST, WARRIEWOOD

Revision Date Remarks

J 11.5.23 FOR DA
Revision Date Remarks

Project
PROPOSED HORSE ARENA AND
AND FACILITIES AND ADDITIONS AND
NEW DWELLING
LOT 6 DP749791

Address
113 Orchard St , Warriewood

Title
TULLIPAN RESIDENCE

Tony McLain Architect (Reg. No. 4291)

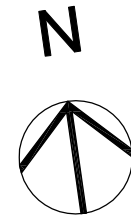
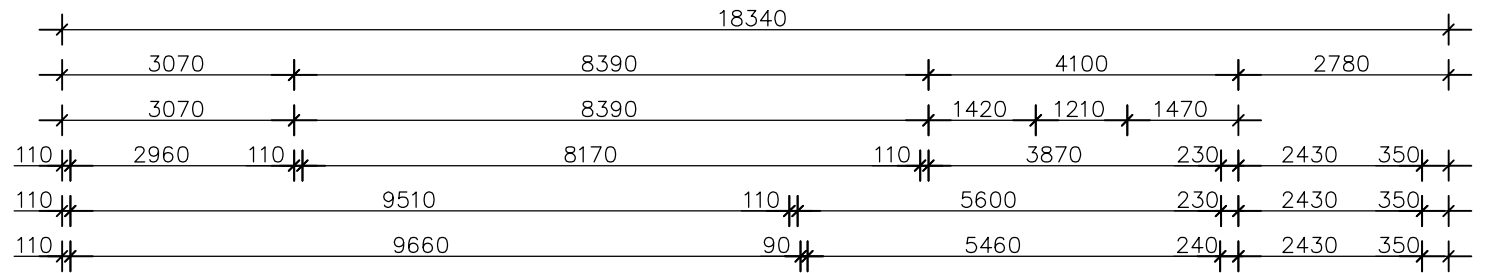
Tel 98108631
Mob 0402223665
mclaintony@gmail.com

Scale 1:1 @ A1 Date MAY 2023
Project No. 1826 Drawing No. 22 Rev. J

© Tullipan Homes 2016

FIXING LEGEND	
TOWEL RAIL	—
TOILET ROLL	■

BULKHEAD AND STACK LOCATION
TO BUILDERS DISCRETION

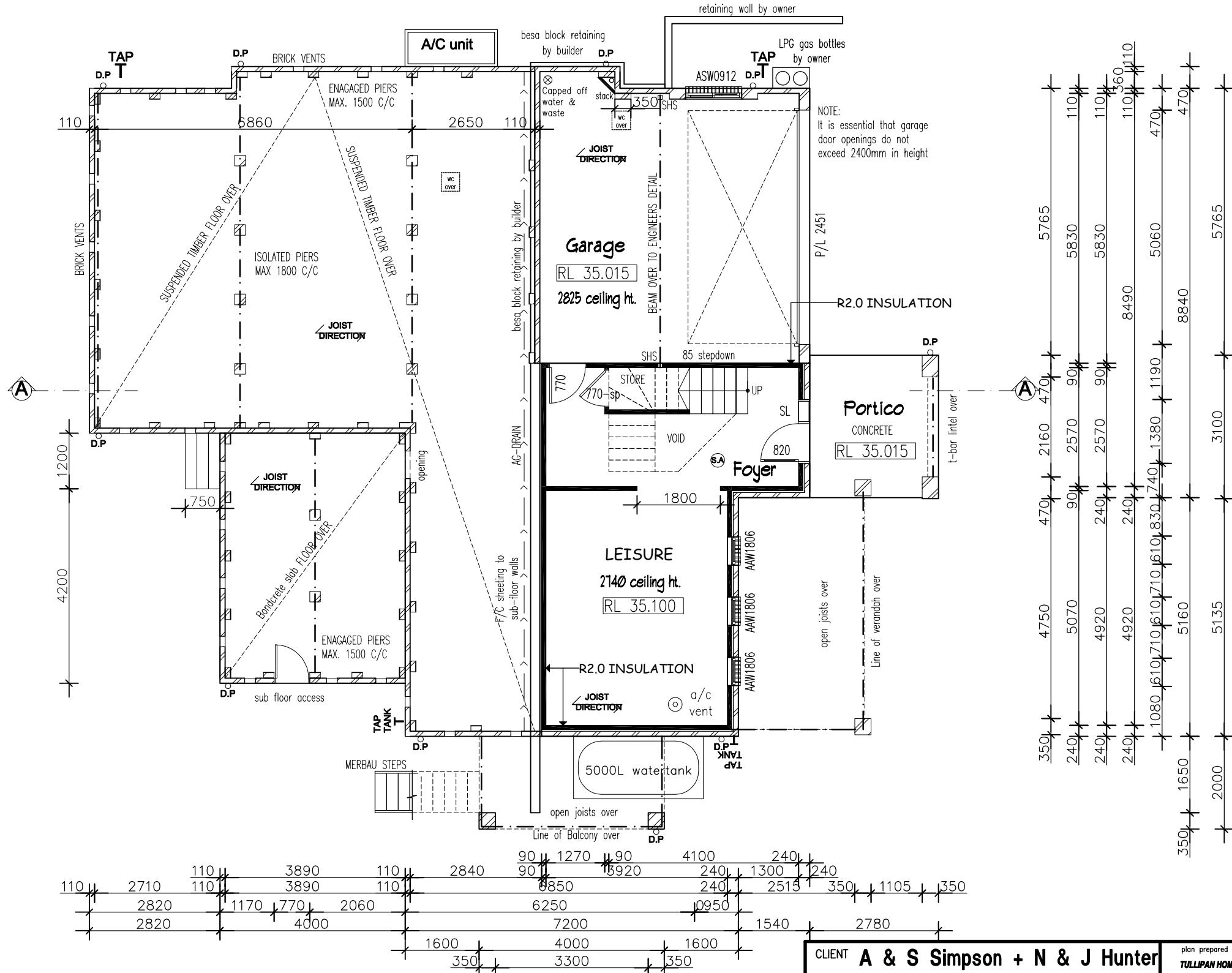
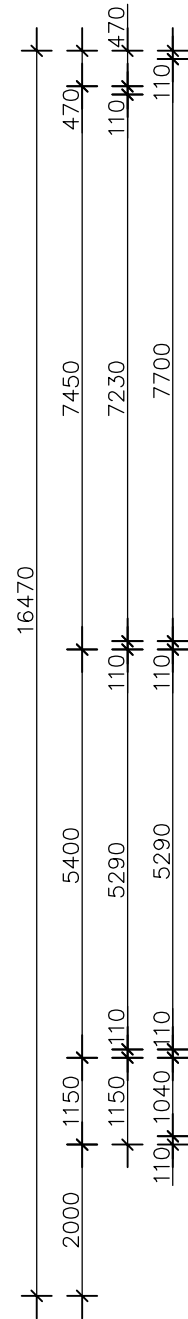


MAYFIELD MKII

A/C
VENT

NOTE: AC VENTS MUST NOT
BE POSITIONED WITHIN 500mm
OF KITCHEN ISLAND BENCH

BAL 40 construction



AREAS:	
Portico:	8.6m ²
Ground Floor:	38.7m ²
Garage:	36.1m ²
First Floor:	169.2m ²
Verandah:	21.3m ²
Alfresco:	21.6m ²
Balcony:	8.0m ²
TOTAL:	303.5m ²

air conditioning locations, "locations are intended, however may vary if the home structure dictates otherwise", this applies to all air conditioning details signed off by clients.

GROUND FLOOR PLAN
SCALE 1:100

© Tullipan Homes 2016

Copyright: All Tullipan Homes designs, plans, drawings, and sketches are protected by the Commonwealth Copyright Act 1968 and any attempt to copy, use or reproduce the same, in whole or in part, will result in legal proceedings.

CLIENT A & S Simpson + N & J Hunter		
JOB Proposed Residence		
LOCATION 113 Orchard Street Warriewood NSW 2102		
— BUILDER TO CHECK ALL DETAILS AND DIMENSIONS PRIOR TO CONSTRUCTION. — DIMENSIONS TAKE PREFERENCE OVER SCALE.		
SHEET 3 of 12	DATE 23/06/2022	DWG No. 7873-wd4

plan prepared by
TULLIPAN HOMES

Lic. No. 131446C

PH 02 4353 8644
FAX 02 4353 8655
www.tullipanhomes.com.au
www.aprillevelhomes.com.au

Mariners Building
Level 4, Suite 410
1 Bryant Drive
Tuggerah NSW 2259
PO Box 5148
CHITTAWAY BAY NSW 2261

BASIX NOTES
All Showerheads, WC's, Kitchen and bathroom taps to be 3 star rated
Install 5000 litre water tank
Swimming pool max volume 10 Kilolitres
Install photovoltaic system .Generating capacity 1.5 peak kilowatts
Install windows to bathrooms
Install skylight to kitchen
Install 5 star instantaneous gas hot water system
Double Glazing to the Kitchen,Family,Living and Stairwell glazed areas
Hinged doors Uw = 4.10 , SHGC = 0.47
Sliding doors Uw = 4.10 , SHGC = 0.52

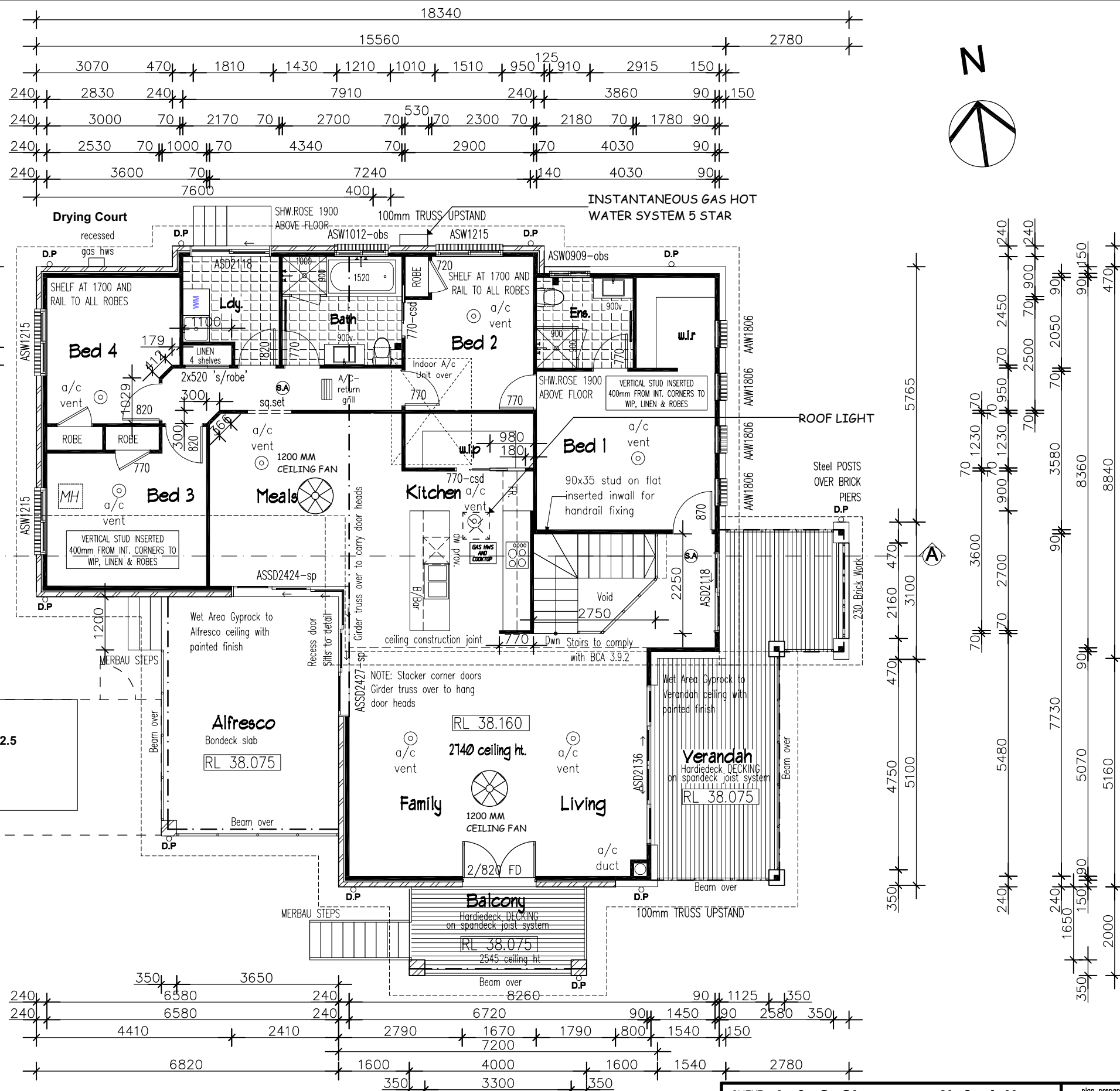
SEE DA DRAWINGS No 1826 (1-10) .Issue N
PROPOSED HORSE ARENA AND FACILITIES
AND NEW RESIDENCE
113 ORCHARD ST, WARRIEWOOD

Revision	Date	Remarks
J	11.5.23	FOR DA
Project		
PROPOSED HORSE ARENA AND AND FACILITIES AND ADDITIONS AND NEW DWELLING		
LOT 6 DP749791		
Address		
113 Orchard St , Warriewood		
Title		
TULLIPAN RESIDENCE		
Tony McLain Architect (Reg. No. 4291)		
Tel 98108631 Mob 0402223665 mclainTony@gmail.com		
Scale 1:1 @ A1		
Project No. 1826	Date MAY 2023 Drawing No. 23	Rev. J

© Tullipan Homes 2016

FIXING LEGEND
TOWEL RAIL —
TOILET ROLL ■

BULKHEAD AND STACK LOCATION TO BUILDERS DISCRETION



MAYFIELD MKII

NOTE: AC VENTS MUST NOT BE POSITIONED WITHIN 500mm OF KITCHEN ISLAND BENCH

BAL 40 construction

air conditioning locations, "locations are intended, however may vary if the home structure dictates otherwise", this applies to all air conditioning details signed off by clients.

FIRST FLOOR PLAN
SCALE 1:100

© Tullipan Homes 2016

Copyright: All Tullipan Homes designs, plans, drawings, and sketches are protected by the Commonwealth Copyright Act 1968 and any attempt to copy, use or reproduce the same, in whole or in part, will result in legal proceedings.

CLIENT A & S Simpson + N & J Hunter		
JOB Proposed Residence		
LOCATION 113 Orchard Street Warriewood NSW 2102		
— BUILDER TO CHECK ALL DETAILS AND DIMENSIONS PRIOR TO CONSTRUCTION. — DIMENSIONS TAKE PREFERENCE OVER SCALE.		
SHEET 4 of 12	DATE 23/06/2022	DWG No. 7873-wd4

plan prepared by
TULLIPAN HOMES

TULLIPAN HOMES PTY LTD

Lic. No. 131446C

PH 02 4353 8644
FAX 02 4353 8655
www.tullipanhomes.com.au
www.aprillevelhomes.com.au

Mariners Building
Level 4, Suite 410
1 Bryant Drive
Tuggerah NSW 2259
PO Box 5148
CHITWAW BAY NSW 2261

**SEE DA DRAWINGS No 1826 (1-10) .Issue N
PROPOSED HORSE ARENA AND FACILITIES
AND NEW RESIDENCE
113 ORCHARD ST, WARRIEWOOD**

Revision Date Remarks

J 11.5.23 FOR DA

Revision Date Remarks

Project

**PROPOSED HORSE ARENA AND
AND FACILITIES AND ADDITIONS AND
NEW DWELLING**

LOT 6 DP749791

Address

113 Orchard St , Warriewood

Title

TULLIPAN RESIDENCE

Tony McLain Architect (Reg. No. 4291)

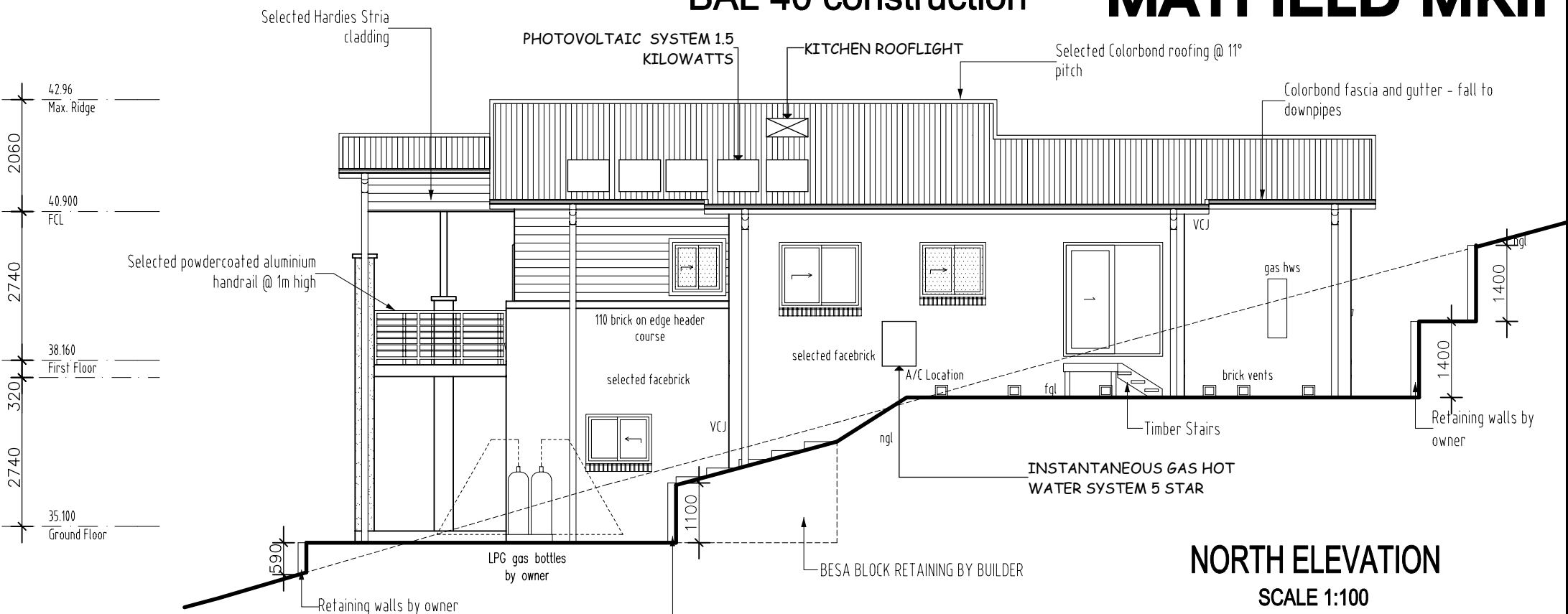
Tel 98108631

Mob 0402223665

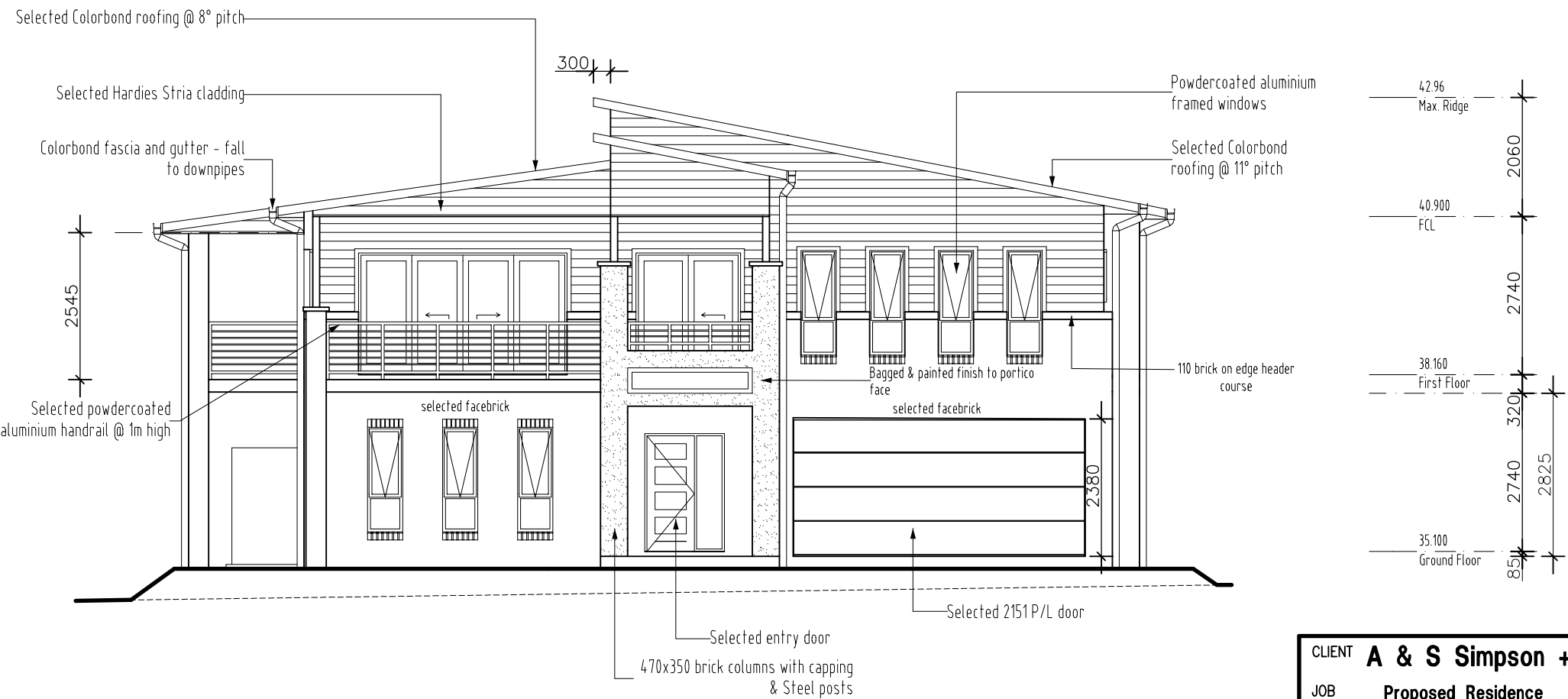
mclaintony@gmail.com

Scale 1:1 @ A1	Date MAY 2023	Rev.
Project No. 1826	Drawing No. 24	J

BAL 40 construction **MAYFIELD MKII**



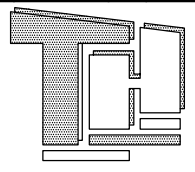
NORTH ELEVATION
SCALE 1:100



EAST ELEVATION
SCALE 1:100

CLIENT A & S Simpson + N & J Hunter		
JOB Proposed Residence		
LOCATION 113 Orchard Street Warriewood NSW 2102		
- BUILDER TO CHECK ALL DETAILS AND DIMENSIONS PRIOR TO CONSTRUCTION. - FIGURED DIMENSIONS TAKE PREFERENCE OVER SCALE.		
SHEET 5 of 12	DATE 23/06/2022	DWG No. 7873-wd4

plan prepared by
TULLIPAN HOMES



Lic. No. 131446C

**TULLIPAN
HOMES** PTY LTD

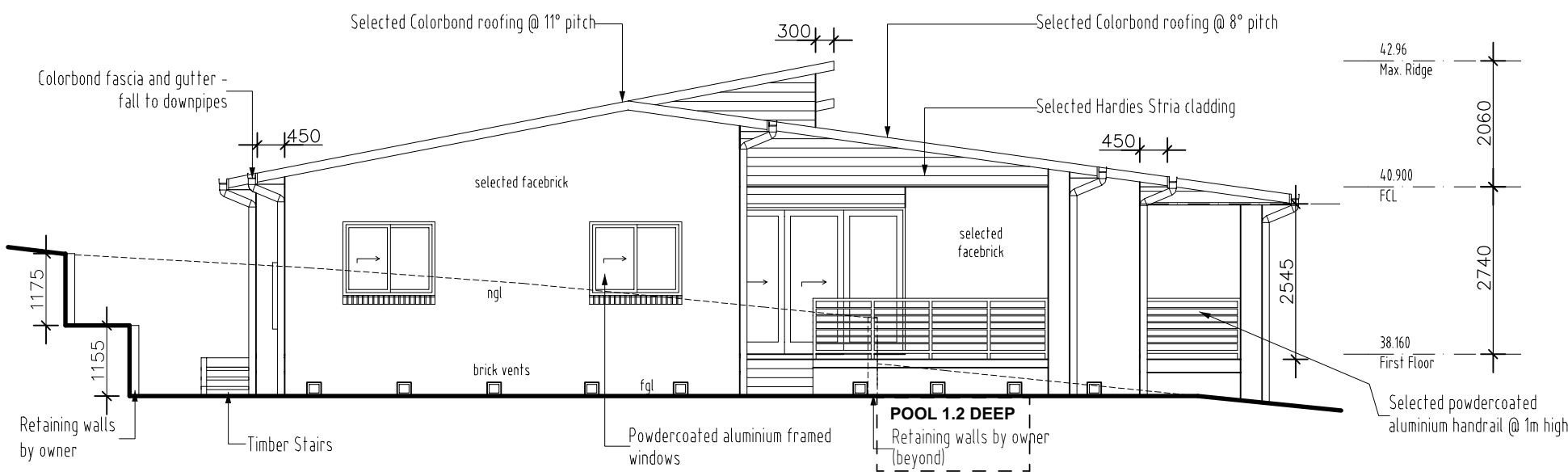
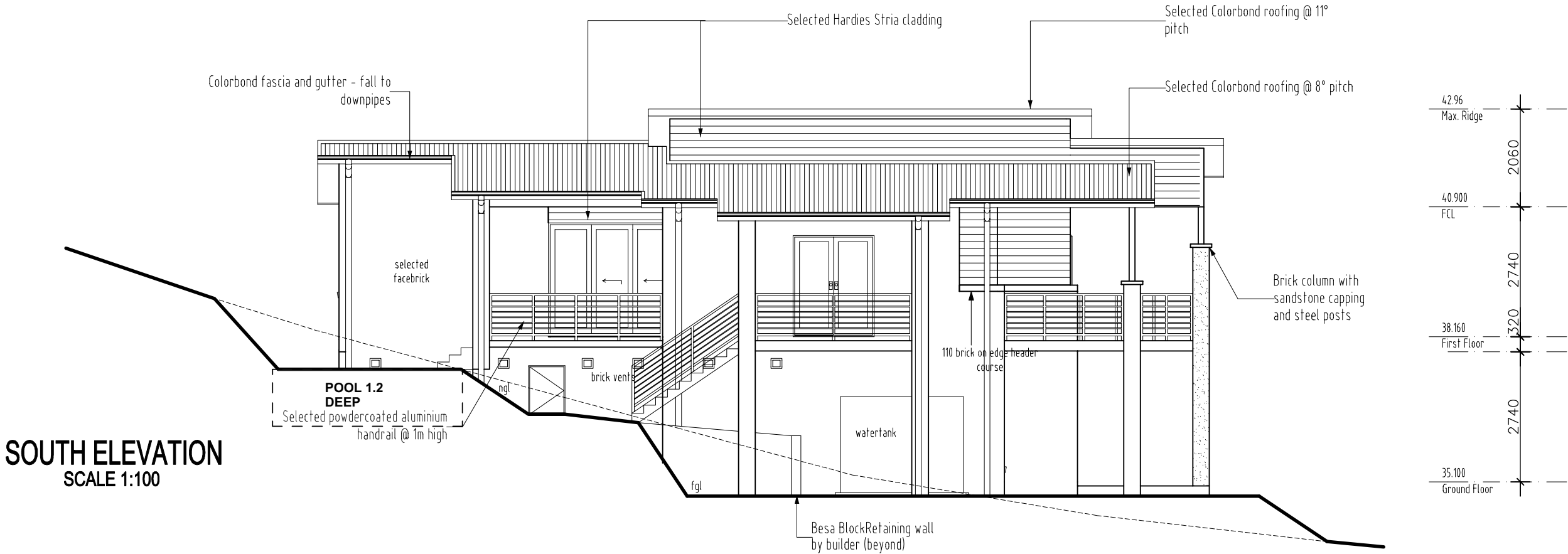
PH 02 4353 8644
FAX 02 4353 8655
www.tullipanhomes.com.au
www.aprillevelhomes.com.au

Mariners Building
Level 4, Suite 410
1 Bryant Drive
Tuggerah NSW 2259
PO Box 5148
CHITWAW BAY NSW 2261

SEE DA DRAWINGS No 1826 (1-10) .Issue N
PROPOSED HORSE ARENA AND FACILITIES
AND NEW RESIDENCE
113 ORCHARD ST, WARRIEWOOD

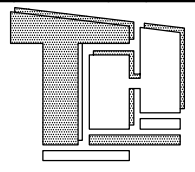
Revision	Date	Remarks
J	11.5.23	FOR DA
Project PROPOSED HORSE ARENA AND AND FACILITIES AND ADDITIONS AND NEW DWELLING		
Address LOT 6 DP749791		
Title TULIPAN RESIDENCE		
Tony McLain Architect (Reg. No. 4291)		
Tel 98108631 Mob 0402223665 mclain.tony@gmail.com		
Scale 1:1 @ A1	Date MAY 2023	Rev.
Project No. 1826	Drawing No. 25	J

BAL 40 construction **MAYFIELD MKII**



CLIENT A & S Simpson + N & J Hunter		
JOB Proposed Residence		
LOCATION 113 Orchard Street Warriewood NSW 2102		
- BUILDER TO CHECK ALL DETAILS AND DIMENSIONS PRIOR TO CONSTRUCTION. - REQUIRED DIMENSIONS TAKE PREFERENCE OVER SCALE.		
SHEET 6 of 12	DATE 23/06/2022	DWG No. 7873-wd4

plan prepared by
TULLIPAN HOMES



Lic. No. 131446C

PH 02 4353 8644
FAX 02 4353 8655
www.tullipanhomes.com.au
www.aprillevelhomes.com.au

Mariners Building
Level 4, Suite 410
1 Bryant Drive
Tuggerah NSW 2259
PO Box 5148
CHITWAY BAY NSW 2261

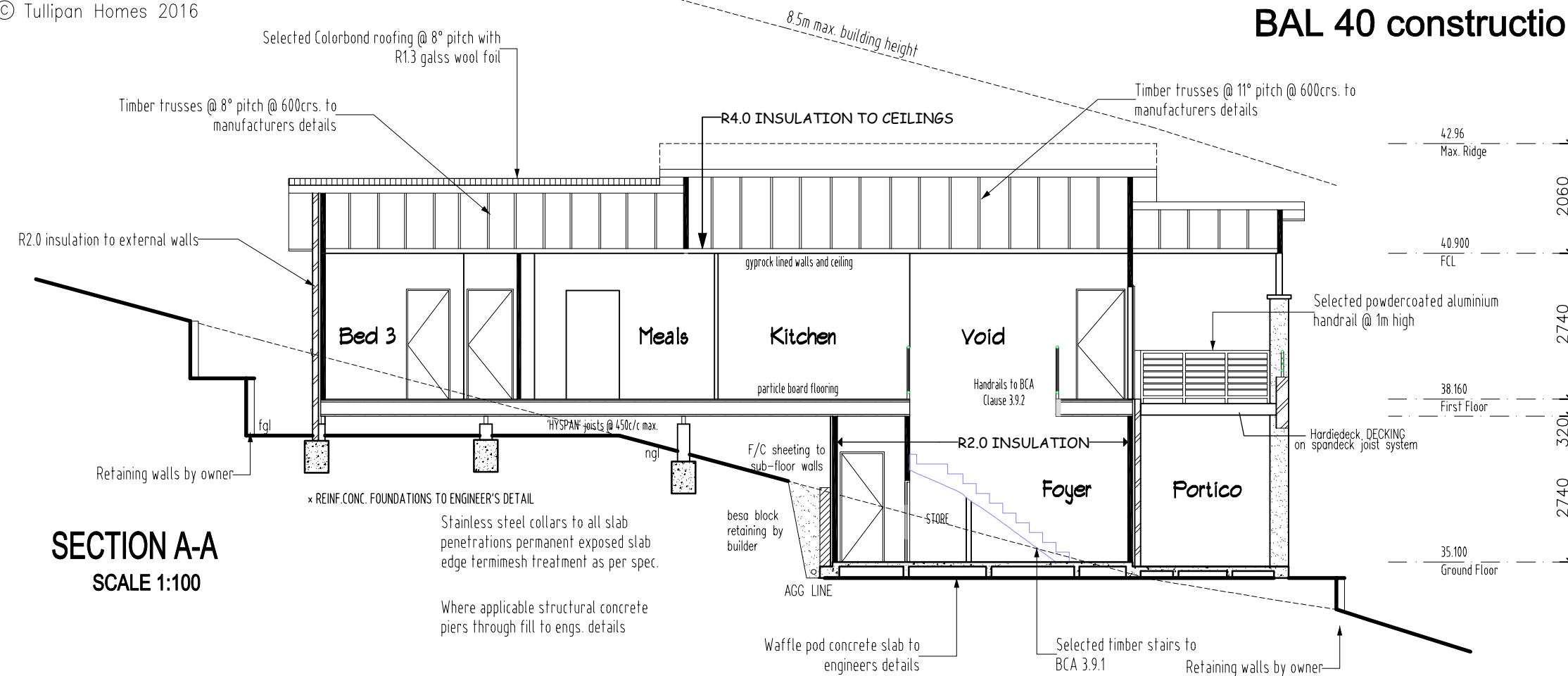
SEE DA DRAWINGS No 1826 (1-10) .Issue .N
PROPOSED HORSE ARENA AND FACILITIES
AND NEW RESIDENCE
113 ORCHARD ST, WARRIEWOOD

Revision	Date	Remarks
J	11.5.23	FOR DA
Project PROPOSED HORSE ARENA AND AND FACILITIES AND ADDITIONS AND NEW DWELLING LOT 6 DP749791		
Address 113 Orchard St , Warriewood		
Title TULLIPAN RESIDENCE		
Tony McLain Architect (Reg. No. 4291)		
Tel 98108631 Mob 0402223665 mclainTony@gmail.com		
Scale 1:1 @ A1	Date MAY 2023	
Project No. 1826	Drawing No. 26	Rev. J

© Tullipan Homes 2016

BAL 40 construction

MAYFIELD MKII



SUSPENDED TIMBER FLOORS
* GALVANISED ANT
CAPPING TO BRICK PIERS
& FOUNDATION WALLS
* REINF.CONC. FOUNDATIONS
TO ENGINEER'S DETAIL

ALL MECHANICAL VENTILATION
DISCHARGE POINTS TO COMPLY
WITH BCA PART 3.8.7.4

BULKHEAD AND STACK
LOCATION TO BUILDERS
DISCRETION

BRACING, TIE DOWN AND
GLAZING DETAILS TO
ENGINEERS SPECIFICATIONS

STAINLESS STEEL COLLARS TO ALL
SLAB PENETRATIONS PERMANENT
EXPOSED SLAB EDGE TERMIMESH
TREATMENT AS PER SPEC.

19mm COMPRESSED FC SHEETING
PLUS WET AREA
WATERPROOFING INSTALLATION
AS PER AS 3740 TO WET ROOMS

HANDRAILS TO BCA 3.9.2

STAINLESS STEEL WALL TIES &
GALVANIZING TO ANY EXPOSED
BEAMS

NOTE:
BLUE H2-F TIMBER FRAMING
TO COMPLY WITH AS1684

ALL FIRST FLOOR BEDROOMS WITH SILLS LESS THAN 1.7m WILL HAVE DEVICES INSTALLED RESTRICTING THE WINDOW OPENING TO COMPLY WITH BCA PART 3.9.2.6

BRICKLAYER

LOCATION OF VERTICAL CONTROL JOINTS SHOWN ON PLAN TO BE USED AS
GUIDE ONLY. REFER TO BCA 3.3.18(b) BELOW FOR CONFIRMATION.

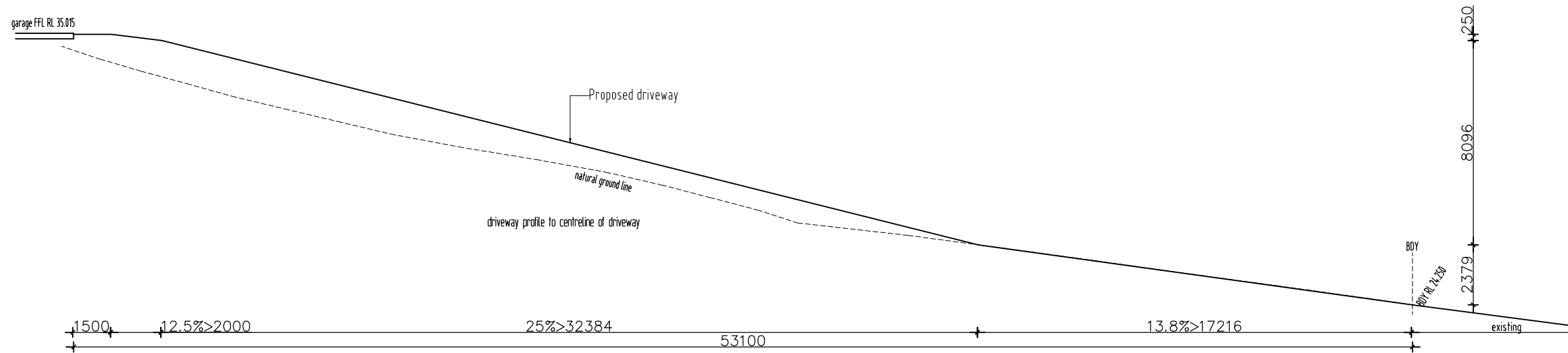
BCA 3.3.1.8

(b) Articulation joints must have a width not less than 10mm and be provided

- (ii) in straight, continuous walls having no openings, at not more than 6m centres and not closer than the height of the wall away from corners; and
- (iii) where the height of the wall changes by more than 20%, at the position of change in height; and
- (iii) where openings more than 900x900mm occur, at not more than 5m centres, and positioned in line with one edge of the opening; and
- (iv) where walls change in thickness; and
- (v) at control or construction joints in footing slabs; and
- (vi) at junctions of walls constructed of different masonry materials; and
- (vii) at deep chases (rebates) for service pipes.

ENGINEER

ALL STRUCTURAL REFERENCES MADE ON THIS PLAN ARE TO BE DESIGNED AND ALSO STATED ON AN ENGINEERS CERTIFICATE AS BEING WHOLLY APPROVED BEFORE COMMENCEMENT OF ANY WORKS. THESE DRAWINGS ARE TO BE THEN READ IN CONJUNCTION WITH ENGINEERS PLANS AND DOCUMENTS, WITH ENGINEERS REFERENCES TAKING PRECEDENCE.



DRIVEWAY PROFILE

SCALE 1:200

© Tullipan Homes 2016

Copyright: All Tullipan Homes designs, plans, drawings, and sketches are protected by the Commonwealth Copyright Act 1968 and any attempt to copy, use or reproduce the same, in whole or in part, will result in legal proceedings.

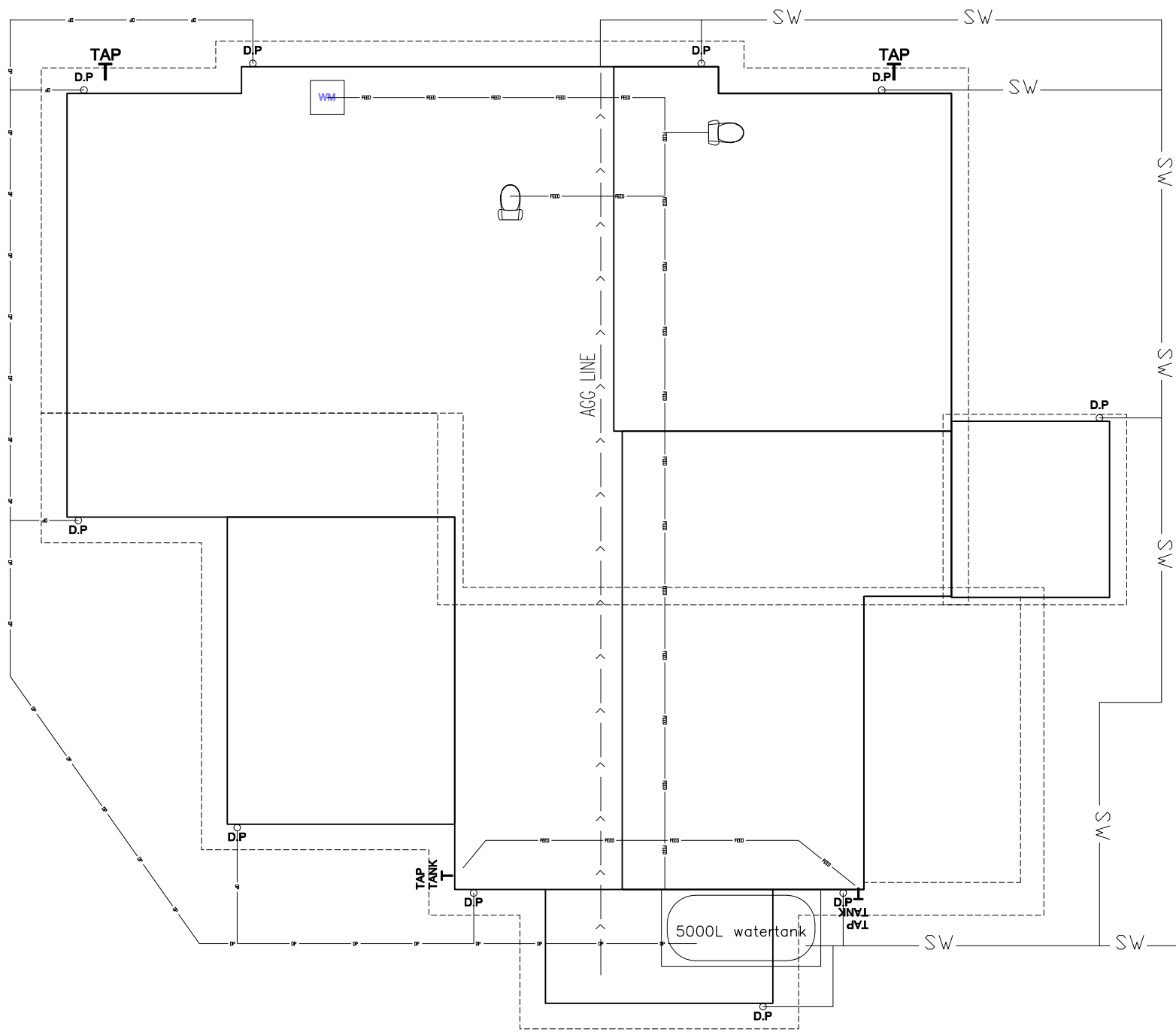
CLIENT A & S Simpson + N & J Hunter		
JOB Proposed Residence		
LOCATION 113 Orchard Street Warriewood NSW 2102		
- BUILDER TO CHECK ALL DETAILS AND DIMENSIONS PRIOR TO CONSTRUCTION. - FIGURED DIMENSIONS TAKE PREFERENCE OVER SCALE.		
SHEET	DATE	DWG No.
7 of 12	23/06/2022	7873-wd4

plan prepared by
TULLIPAN HOMES



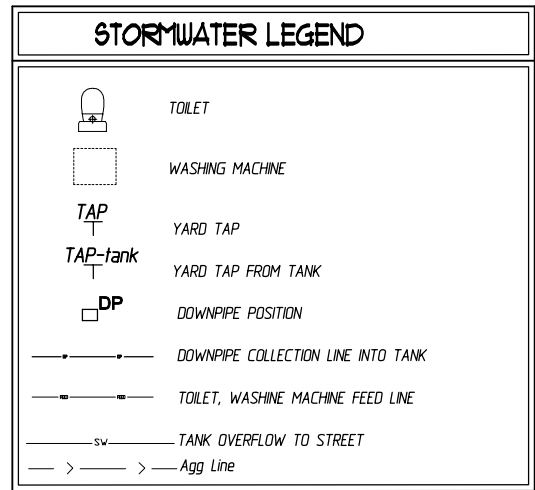
**SEE DA DRAWINGS No 1826 (1-10) .Issue N
PROPOSED HORSE ARENA AND FACILITIES
AND NEW RESIDENCE
113 ORCHARD ST, WARRIEWOOD**

Revision	Date	Remarks
J	11.5.23	FOR DA
Revision	Date	Remarks
Project		
PROPOSED HORSE ARENA AND AND FACILITIES AND ADDITIONS AND NEW DWELLING LOT 6 DP749791		
Address		
113 Orchard St , Warriewood		
Title		
TULIPAN RESIDENCE		
Tony McLain Architect (Reg. No. 4291)		
Tel 98108631		
Mob 0402223665		
mclaintony@gmail.com		
Scale 1:1 @ A1	Date	MAY 2023
Project No.	Drawing No.	Rev.
1826	27	



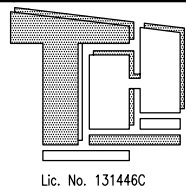
stormwater overflow to swale
/ street via direct piping

WATER MANAGEMENT PLAN
SCALE 1:100



CLIENT A & S Simpson + N & J Hunter		
JOB Proposed Residence		
LOCATION 113 Orchard Street Warriewood NSW 2102		
- BUILDER TO CHECK ALL DETAILS AND DIMENSIONS PRIOR TO CONSTRUCTION. - FIGURED DIMENSIONS TAKE PREFERENCE OVER SCALE.		
SHEET 8 of 12	DATE 23/06/2022	DWG No. 7873-wd4

plan prepared by
TULLIPAN HOMES



Lic. No. 131446C

**TULLIPAN
HOMES** PTY LTD

PH 02 4353 8644
FAX 02 4353 8655
www.tullipanhomes.com.au
www.agilevalhomes.com.au

Mariners Building
Level 4, Suite 410
1 Bryant Drive
Tuggerah NSW 2259
PO Box 5148
CHITTAWAY BAY NSW 2261

SEE DA DRAWINGS No 1826 (1-10) .Issue .N
PROPOSED HORSE ARENA AND FACILITIES
AND NEW RESIDENCE
113 ORCHARD ST, WARRIEWOOD

Revision Date Remarks

J 11.5.23 FOR DA
Revision Date Remarks

Project
PROPOSED HORSE ARENA AND
AND FACILITIES AND ADDITIONS AND
NEW DWELLING
LOT 6 DP749791

Address
113 Orchard St , Warriewood

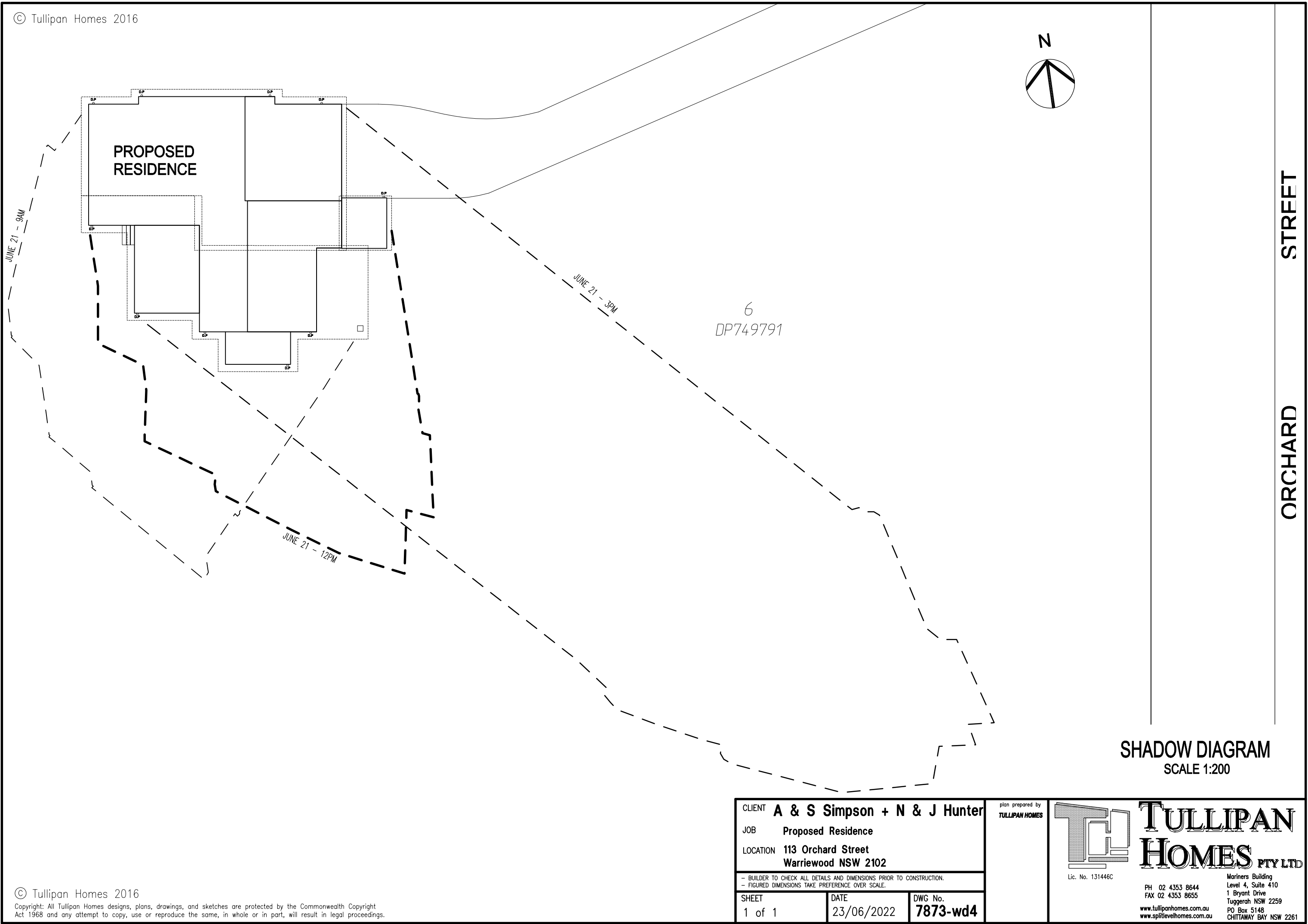
Title
TULLIPAN RESIDENCE

Tony McLain Architect (Reg. No. 4291)

Tel 98108631
Mob 0402223665
mclain.tony@gmail.com

Scale 1:1 @ A1 Date MAY 2023
Project No. Drawing No. Rev.
1826 28 J

© Tullipan Homes 2016



© Tullipan Homes 2016

Copyright: All Tullipan Homes designs, plans, drawings, and sketches are protected by the Commonwealth Copyright Act 1968 and any attempt to copy, use or reproduce the same, in whole or in part, will result in legal proceedings.

CLIENT A & S Simpson + N & J Hunter		
JOB Proposed Residence		
LOCATION 113 Orchard Street Warriewood NSW 2102		
- BUILDER TO CHECK ALL DETAILS AND DIMENSIONS PRIOR TO CONSTRUCTION. - FIGURED DIMENSIONS TAKE PREFFERENCE OVER SCALE.		
SHEET 1 of 1	DATE 23/06/2022	DWG No. 7873-wd4

plan prepared by
TULLIPAN HOMES

**TULLIPAN
HOMES** PTY LTD
Lic. No. 131446C
PH: 02 4353 8644
FAX: 02 4353 8655
www.tullipanhomes.com.au
www.aprilievelhomes.com.au

Mariners Building
Level 4, Suite 410
1 Bryant Drive
Tuggerah NSW 2259
PO Box 5148
CHITTAWAY BAY NSW 2261

SEE DA DRAWINGS No 1826 (1-10) .Issue N
PROPOSED HORSE ARENA AND FACILITIES
AND NEW RESIDENCE
113 ORCHARD ST, WARRIEWOOD

Revision	Date	Remarks
J	11.5.23	FOR DA
Project PROPOSED HORSE ARENA AND AND FACILITIES AND ADDITIONS AND NEW DWELLING		
Address LOT 6 DP749791 113 Orchard St , Warriewood		
Title TULIPAN RESIDENCE		
Tony McLain Architect (Reg. No. 4291) Tel 98108631 Mob 0402223665 mclaintony@gmail.com		
Scale 1:1 @ A1	Date MAY 2023	
Project No. 1826	Drawing No. 29	Rev. J