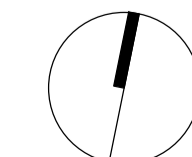


**NOTE**  
 ALL HOUSE FOOTPRINTS  
 CAN ACHIEVE MIN BUILDING  
 AREA OF 175M² AS PER B2.2

- LEGEND**
- BOUNDARY LINE
  - - - HIGH WATER MARK
  - - - FORESHORE SETBACK
  - ▨ RIGHT OF WAY
  - ▨ DRAINAGE EASEMENTS  
REFER TO SITESWORKS AND  
DRAINAGE PLAN FROM BG&E
  - ▨ UNDERGROUND CABLE EASEMENT  
REFER TO PROPOSED UNDERGROUND  
SERVICES PLAN FROM IGS
  - [ ] INDICATIVE BUILDING FOOTPRINT  
SUBJECT TO FUTURE DWELLING DA
  - ▨ INDICATIVE LANDSCAPED AREA
  - ▨ BUILDING SETBACK
  - 01 TREE TO REMAIN
- FOR DETAILED ARBORIST REPORT  
 REFER TO REPORT 6322 BY RAINTREE  
 CONSULTING - DATED 25.05.2022
- BASED ON SURVEY BY BOXALL DATED  
 05.05.2022 - DRAWING NO. 11369-001-A

THIS PLAN IS TO BE READ IN  
 CONJUNCTION WITH  
 THE CONDITIONS OF DEVELOPMENT  
 CONSENT  
 DA2022/2152

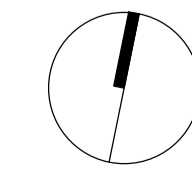




- LEGEND**
- BOUNDARY LINE
  - - - HIGH WATER MARK
  - - - FORESHORE SETBACK
  - - - RIGHT OF WAY
  - ▨ DRAINAGE EASEMENTS REFER TO SITWORKS AND DRAINAGE PLAN FROM BG&E
  - ▨ UNDERGROUND CABLE EASEMENT REFER TO PROPOSED UNDERGROUND SERVICES PLAN FROM IGS

THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT  
 DA2022/2152

BASED ON SURVEY BY BOXALL DATED 05.05.2022 - DRAWING NO. 11369-001-A



**NOTES**

- DISCONNECT POWER SUPPLY, GAS, WATER AND TELEPHONE LINE.
- PROVIDE 1.8m TEMPORARY FENCE TO SECURE DEMOLITION SITE
- PROVIDE INDICATOR AND WARNING SIGNS BEFORE WORKS BEGIN.
- BUILDER TO PROVIDE SILT FENCE TO PREVENT SEDIMENTATION RUN-OFF.
- BUILDER TO MINIMISE DUST BY SPRAYING WATER DURING DEMOLITION.
- WORKS TO BE DONE BY HAND SUCH AS: ROOF TILES, ROOF TIMBER, EXTERNAL CLADDING AND TIMBER FRAME.
- A HEAVY EXCAVATOR WILL BE USED TO DEMOLISH THE PROPERTY AND TO LOAD THE TRUKS.
- WORK SHALL BE DONE BETWEEN 7.00am. AND 5.00pm. FROM MONDAY TO FRIDAY INCLUSIVE.
- TIPPER TRUCKS WILL PARK ON DRIVEWAYS AND CROSSOVERS PROTECTED WITH TIMBER.
- LOADS SHOULD BE COVERED BEFORE LEAVING THE SITE. ADJACENT PROPERTIES AND PUBLIC RIGHT OF WAYS SHALL BE PROTECTED.
- THE ACCESS POINT FOR THE SITE WILL BE FROM EXISTING DRIVEWAYS
- THE SITE SHALL HAVE BINS TO SEGREGATE MATERIALS SUCH AS A SCRAP METAL BIN AND SPOIL STOCKPILE. THIS WILL ALLOW MATERIAL TO BE RECYCLED IN EFFECTIVELY
- NO REQUIREMENTS ON THE SITE FOR UNDER PINNING OR SHORING WILL BE UNDERTAKEN.

**NOTE:** ASBESTOS IF ANY SHOULD BE REMOVED MANUALLY BY WET METHOD, AS REQUIRED UNDER WORKCOVER AND SAFTY REGULATIONS TO AUSTRALIAN STANDARD 2601-1991, WRAPPED WITH PLASTIC AND PLACED IN A DEDICATED BIN.THE BIN IS SECURELY SEALED AND TIPPED AT A SUITABLY APPROVED SITE.

**DETAIL OF EXISTING STRUCTURES**

LOT 122, DP 556902 / 122 CRESCENT ROAD, 2 STOREY RENDERED COMMERCIAL BUILDING, CLAD WORKSHOP AND BITUMEN CARPARK  
 LOT 111, DP 556902 / 124 CRESCENT ROAD, CONCRETE DRIVEWAY ANDTHREE CONTAINERS  
 LOT 1, DP503390 / 126 CRESCENT ROAD, SINGLE STOREY FIBRO RESIDENCE AND FIBRO GARAGE  
 LOT 3, DP210342 / 128 CRESCENT ROAD, SINGLE STOREY BRICK RESIDENCE  
 LOT 2, DP210342 / 55 THE AVENUE, SINGLE STOREY WEATHERBOARD CLAD RESIDENCE  
 LOT 21, DP545339 / 57 THE AVENUE, ONE AND TWO STOREY BRICK RESIDENCE

**NAME AND DETAILS OF DEMOLISHER:** TO BE ADVISED.  
 FINAL LOCATION SUBJECT TO DEMOLITION CONTRATOR.

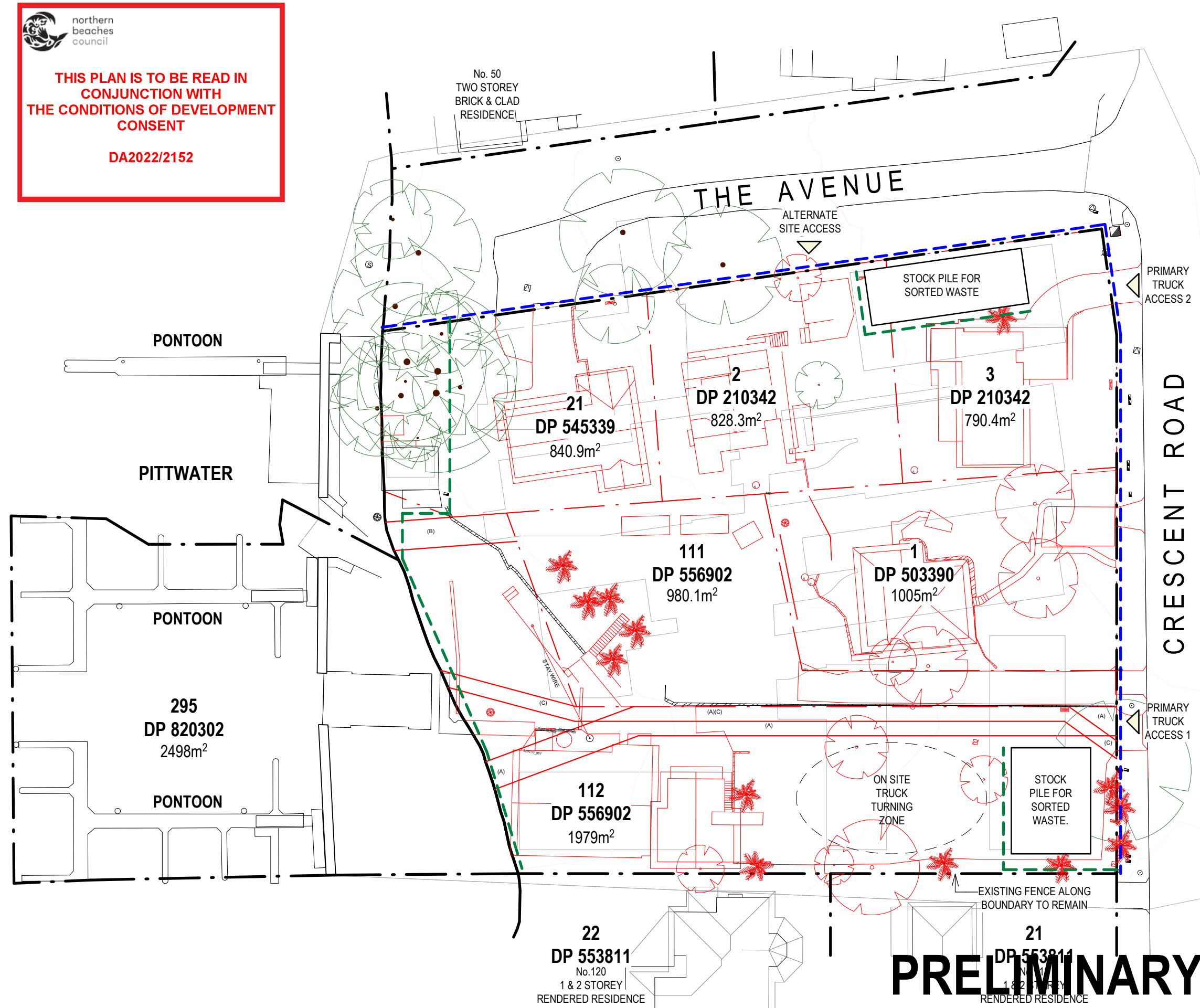
**EROSION CONTROL NOTES**

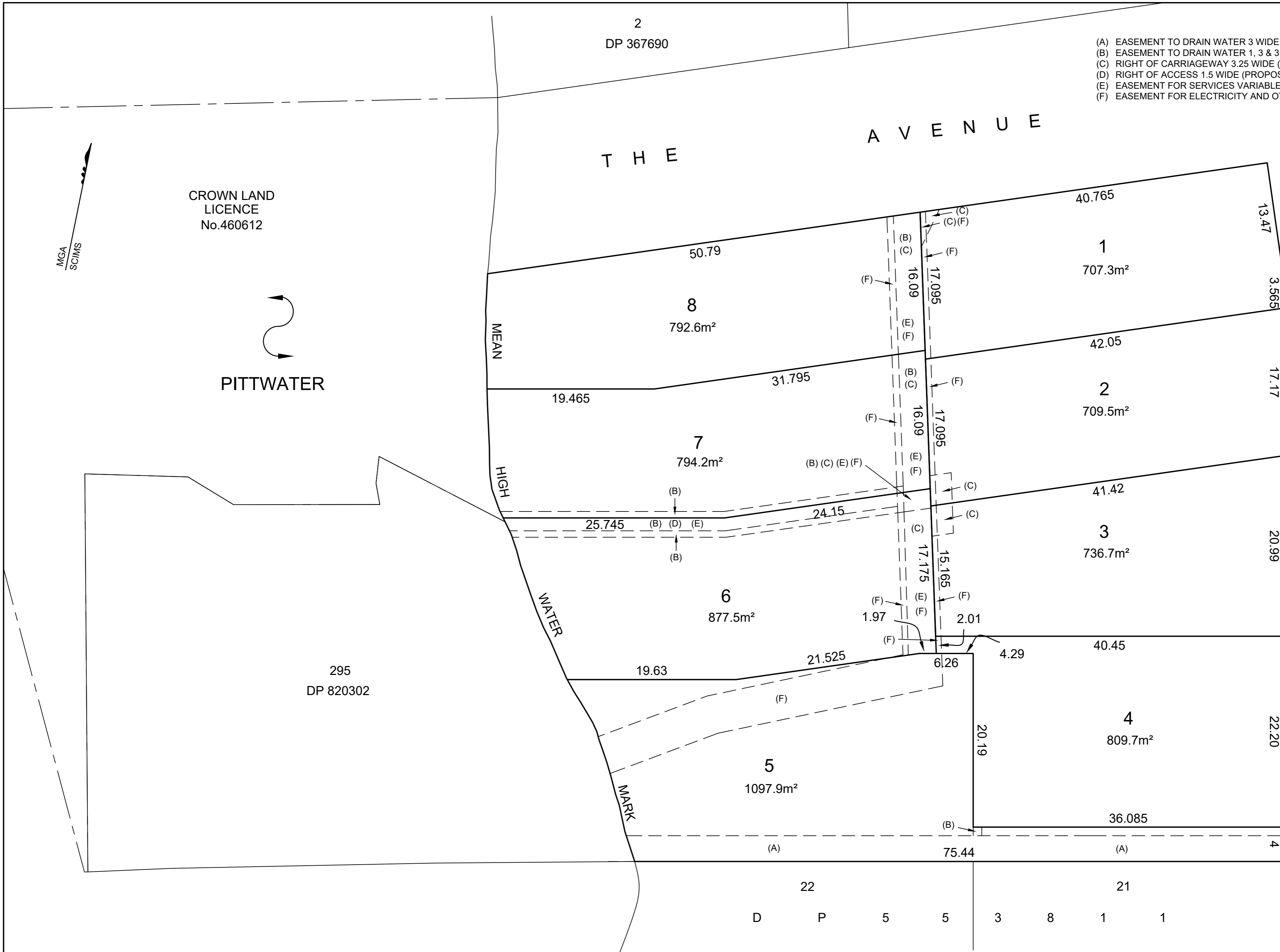
- ALL EROSION SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH 'MANAGING URBAN STORMWATER, 3rd EDITION' PRODUCED BY THE NSW DEPARTMENT OF HOUSING. STANDARD DRAWING (SD) NUMBERS REFERENCED ON THIS DRAWING CAN BE OBTAINED FROM THIS PUBLICATION.
- ALL EROSION AND SILATION CONTROL DEVICES ARE TO BE PLACED PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION WORKS. AND ALL SILT TRAPS ARE TO HAVE DEPOSITED SILT REMOVED REGULARLY DURING CONSTRUCTION.
- ALL TREES ARE TO BE PRESERVED UNLESS INDICATED OTHERWISE ON THIS PLAN.
- INSTALL TEMPORARY SEDIMENT BARRIERS TO ALL INLET PITS LIKELY TO COLLECT SILT LADEN WATER
- NOT WITHSTANDING DETAILS SHOWN IT IS THE CONTRACTORS SOLE RESPONSIBILITY TO ENSURE THAT ALL SITE ACTIVITIES COMPLY WITH THE REQUIREMENTS OF THE CLEAN WATERS ACT.

**LEGEND**

- DEMOLISHED
- TEMPORARY FENCE
- SEDIMENT CONTROL

**THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT**  
**DA2022/2152**





- (A) EASEMENT TO DRAIN WATER 3 WIDE (PROPOSED)
- (B) EASEMENT TO DRAIN WATER 1, 3 & 3.25 WIDE (PROPOSED)
- (C) RIGHT OF CARRIAGEWAY 3.25 WIDE (PROPOSED)
- (D) RIGHT OF ACCESS 1.5 WIDE (PROPOSED)
- (E) EASEMENT FOR SERVICES VARIABLE WIDTH (PROPOSED)
- (F) EASEMENT FOR ELECTRICITY AND OTHER PURPOSES 4.5 WIDE (PROPOSED)

CROWN LAND  
LICENCE  
No.460612

PITTWATER

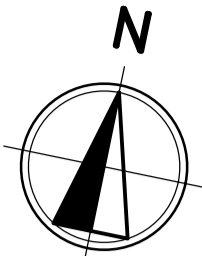
295  
DP 820302

D O R T N E C R C


 northern beaches council  
**THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT**  
 DA2022/2152

**NOTES:**  
1. ALL DIMENSIONS & AREAS ARE SUBJECT TO FINAL SURVEY AND REGISTRATION OF A PLAN OF SURVEY WITH LRS NSW

<p><b>SURVEYOR</b> Name: JARROD HOCKING Date: 2023 Reference: 11369-007</p>	<p><b>PLAN HEADING</b> PLAN OF SUBDIVISION OF LOTS 2-3 IN DP 210342, LOT 1 IN DP503390, LOT 21 IN DP 545339 AND LOTS 111-112 IN DP 556902</p>	<p>L.G.A.: NORTHERN BEACHES Locality: NEWPORT Reduction Ratio: 1:300 Lengths are in metres</p>	<p>REGISTERED</p>	<p><b>DRAFT</b> DATE: 31-10-2023 LAND SUBDIVISION - REV B</p>
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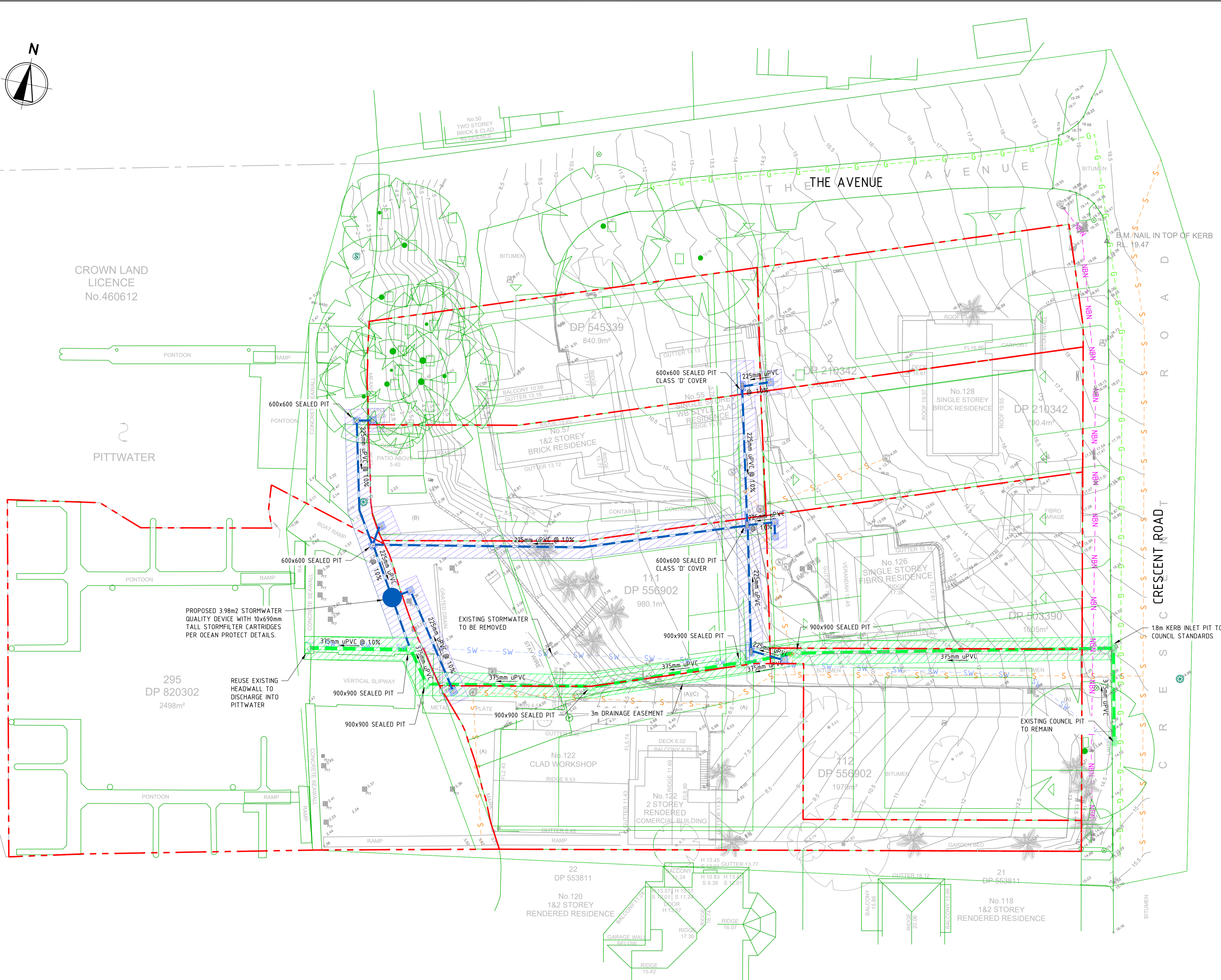


**LEGEND**

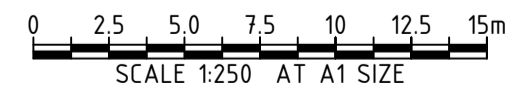
- SITE BOUNDARY
- $\phi 150$  uPVC PROPOSED STORMWATER (SIZE AND TYPE)
- PROPOSED GRATED PIT/ SEALED PIT/ KERB INLET PIT
- $\phi 150$  uPVC COUNCIL STORMWATER (SIZE AND TYPE)
- PROPOSED COUNCIL SEALED PIT/ KERB INLET PIT
- EXISTING KERB INLET PIT
- EXISTING SURVEY FEATURES
- ARCHITECTURAL
- HEADWALL
- 3m DRAINAGE EASEMENT

**EXISTING SERVICES**

- EXISTING NBN
- EXISTING GAS
- EXISTING SEWER
- EXISTING STORMWATER



**THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT**
  
 DA2022/2152



PLAN  
SCALE 1:250

REV	DATE	DESCRIPTION	RVD	REV	DATE	DESCRIPTION	RVD
G	03.11.23	ISSUED FOR DEVELOPMENT APPROVAL	SM				
F	21.10.23	ISSUED FOR DEVELOPMENT APPROVAL	SH				
E	09.10.23	ISSUED FOR DEVELOPMENT APPROVAL	SH				
D	12.07.23	ISSUED FOR DEVELOPMENT APPROVAL	SH				
C	08.06.22	ISSUED FOR DEVELOPMENT APPROVAL	SH				
B	07.06.22	ISSUED FOR DEVELOPMENT APPROVAL	SH				
A	31.05.22	ISSUED FOR DEVELOPMENT APPROVAL	SM				

CLIENT

ARCHITECT

Level One, One Chifley Square Sydney NSW 2000 Australia  
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bgeeng.com

PROJECT

**NEWPORT MARINA AND RESIDENTIAL DEVELOPMENT**

STATUS

**ISSUED FOR APPROVAL**  
NOT TO BE USED FOR CONSTRUCTION

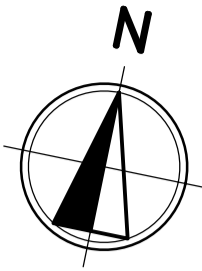
DRAWN	DESIGNED	CHECKED	APPROVED
HA	AM	SH	
DATUM	GRID	SCALE	
AHD	GDA2020 MGA-56	1:250	

TITLE

**SITWORKS AND DRAINAGE PLAN**

PROJECT No.	DRAWING No.	REV
S22042	CI-0200	G

\\BGS\2025\05\PROJECTS\BGS\1510122042\585\NEWPORT MARINA\100 DRAWING\01 CIVIL\A01\DCAD\DWG\1510122042-CI-0200\_2020.DWG  
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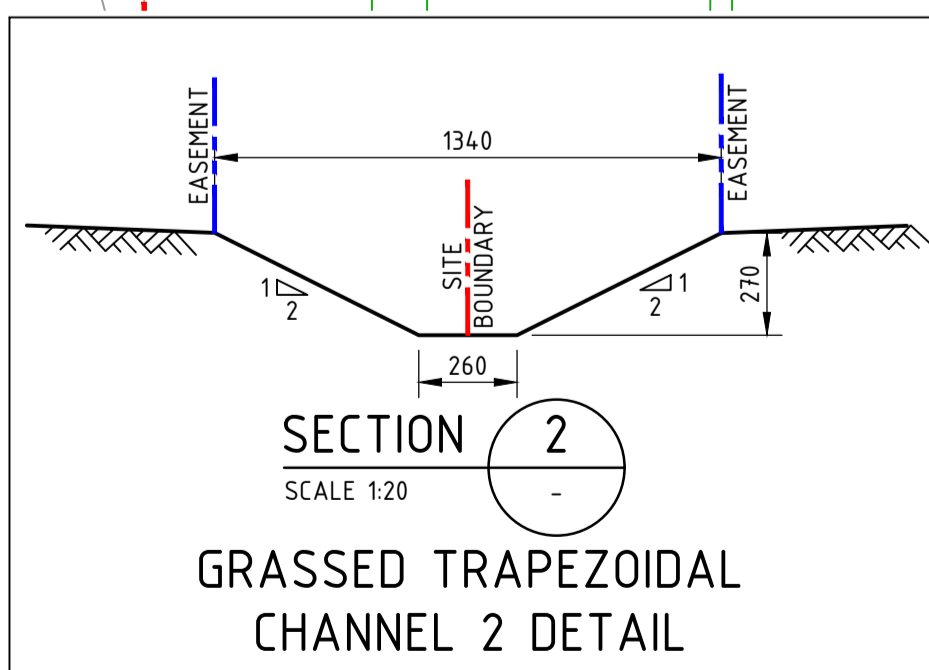
CROWN LAND LICENCE No.460612

PITWATER

295 DP 820302 2498m<sup>2</sup>

PROPOSED GRASSED TRAPEZOIDAL CHANNEL BETWEEN LOTS 5 & 6 TO CATER FOR THE OVERLAND FLOW PATH. REFER SECTION 2 FOR DETAILS.

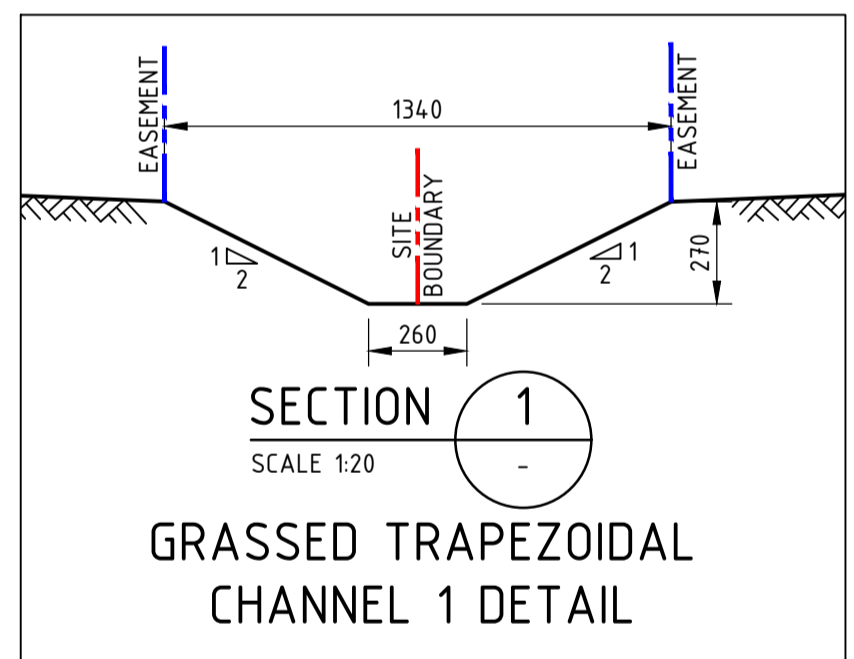
CHANNEL 2 DETAILS:  
LENGTH = 4.10m  
1330mm WIDE x 270mm DEEP @12.0%  
APPROX SLOPE (MANNINGS 'N' = 0.035)  
OVERLAND FLOW = 0.566 m<sup>3</sup>/s  
OSWALE = 0.596m<sup>3</sup>/s



PLAN SCALE 1:250

LEGEND

- SITE BOUNDARY
- PROPOSED STORMWATER
- PROPOSED GRATED PIT/ SEALED PIT/ KERB INLET PIT
- COUNCIL STORMWATER
- PROPOSED COUNCIL SEALED PIT/ KERB INLET PIT
- EXISTING KERB INLET PIT
- EXISTING SURVEY FEATURES
- ARCHITECTURAL
- HEADWALL
- 3m DRAINAGE EASEMENT
- PROPOSED GRASSED SWALE
- EXISTING SERVICES
- NBN EXISTING NBN
- EXISTING GAS
- EXISTING SEWER
- EXISTING STORMWATER



PROPOSED GRASSED TRAPEZOIDAL SWALE BETWEEN LOTS 3, 4 & 5 TO CATER FOR THE OVERLAND FLOW PATH FROM CRESCENT STREET. REFER SECTION 1 FOR DETAILS.

CHANNEL 1 DETAILS:  
LENGTH = 40.50m  
1100 WIDE x 270mm DEEP @ 17.5%  
APPROX SLOPE (MANNINGS 'N' = 0.035)  
OVERLAND FLOW = 0.404 m<sup>3</sup>/s  
OSWALE = 0.720 m<sup>3</sup>/s

REFER TO DRAWING CI-0300 FOR THE OVERLAND FLOW CATCHMENT PLAN LAYOUT & CALCULATIONS.

PROPOSED KERB INLET PIT IN SAG. OVERLAND FLOW ALLOWANCE HAS BEEN MADE BEHIND THE KIP THAT WOULD NAVIGATE DOWN ON LOTS 6 & 7 VIA A GRASSED SWALE AND DISCHARGE TO PITWATER.

PROPOSED TEMPORARY EARTH BUND TO EXTEND ALONG EASTERN BOUNDARY UP TO PROPOSED SWALE. FUTURE DEVELOPMENT TO CATER FOR OVERLAND FLOW DIVERSION IN FRONT OF PROPERTY.

REFER TO DRAWING CI-0300 FOR THE OVERLAND FLOW CATCHMENT PLAN LAYOUT & CALCULATIONS.

THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT DA2022/2152

0 0.2 0.4 0.6 0.8 1.0 1.2m SCALE 1:20 AT A1 SIZE

0 2.5 5.0 7.5 10 12.5 15m SCALE 1:250 AT A1 SIZE

REV	DATE	DESCRIPTION	RVD	REV	DATE	DESCRIPTION	RVD
D	03.11.23	ISSUED FOR DEVELOPMENT APPROVAL	SH				
C	27.10.23	ISSUED FOR DEVELOPMENT APPROVAL	SH				
B	09.10.23	ISSUED FOR DEVELOPMENT APPROVAL	SH				
A	12.07.23	ISSUED FOR DEVELOPMENT APPROVAL	SH				

CLIENT

ARCHITECT

Level One, One Chifley Square Sydney NSW 2000 Australia  
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PROJECT

Sydney Office –  
L2, 8 Windmill St  
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bgeeng.com

PROJECT

NEWPORT MARINA AND RESIDENTIAL DEVELOPMENT

STATUS			
ISSUED FOR APPROVAL			
NOT TO BE USED FOR CONSTRUCTION			
DRAWN	DESIGNED	CHECKED	APPROVED
HA	SM	SH	
DATUM	GDA2020	SCALE	
AHD	MGA-56	AS SHOWN	

TITLE	
OVERLAND FLOW PLAN	
PROJECT No.	S22042
DRAWING No.	CI-0310
REV	D

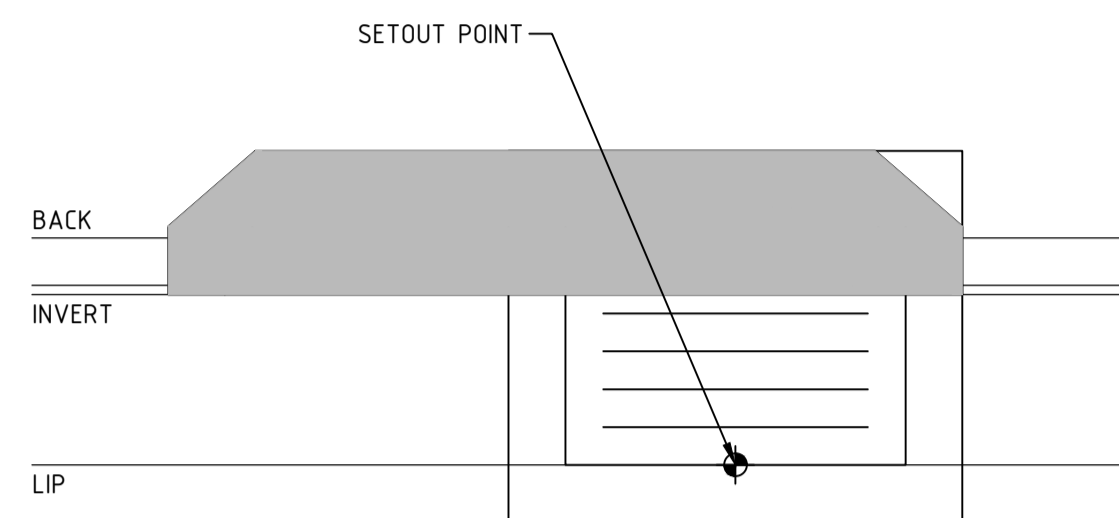




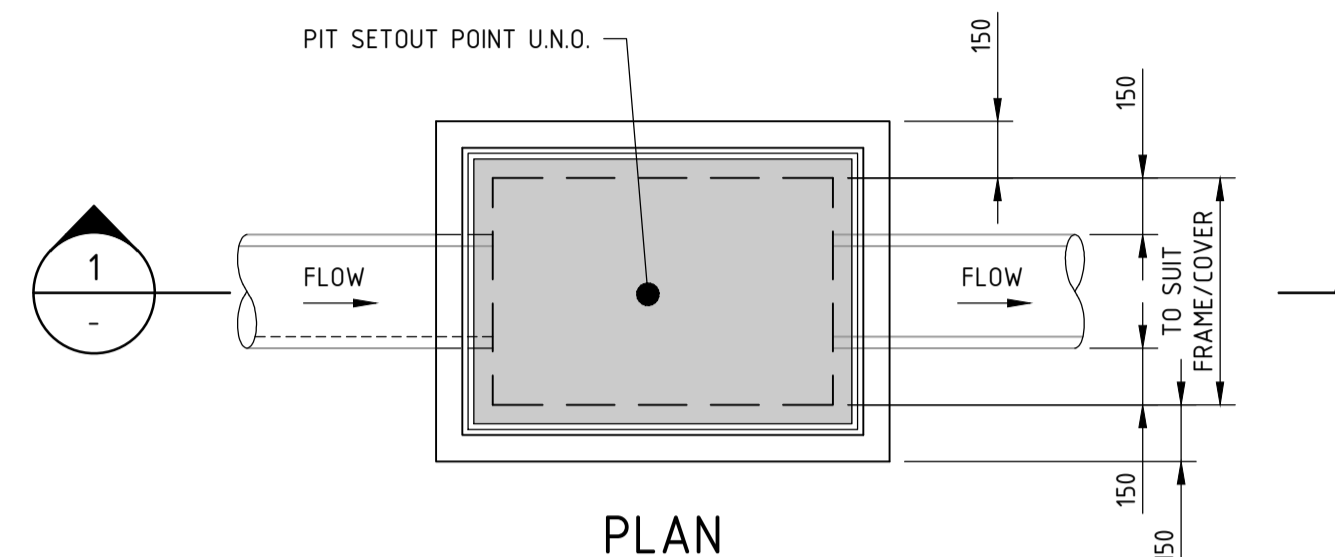


**NOTES**

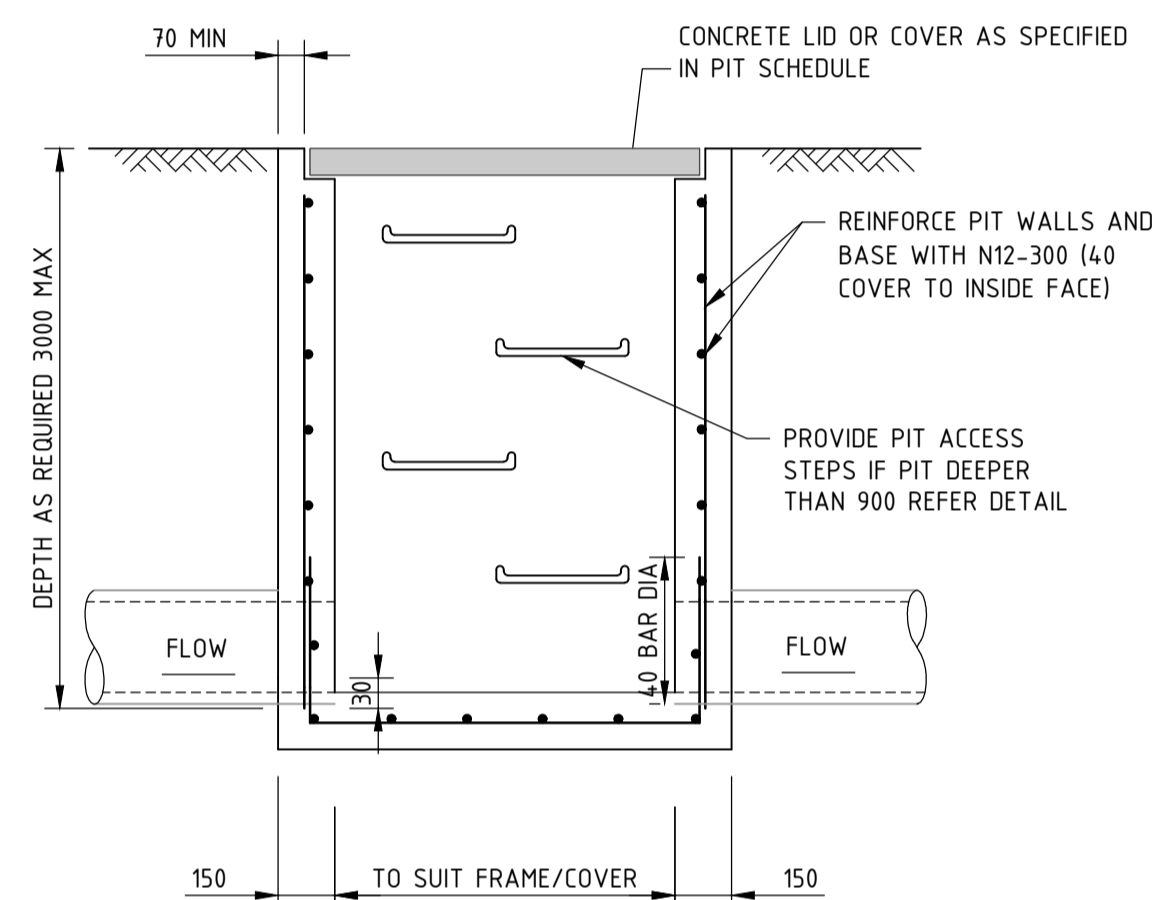
1. ALL DIMENSIONS ARE IN MILLIMETRES U.N.O.



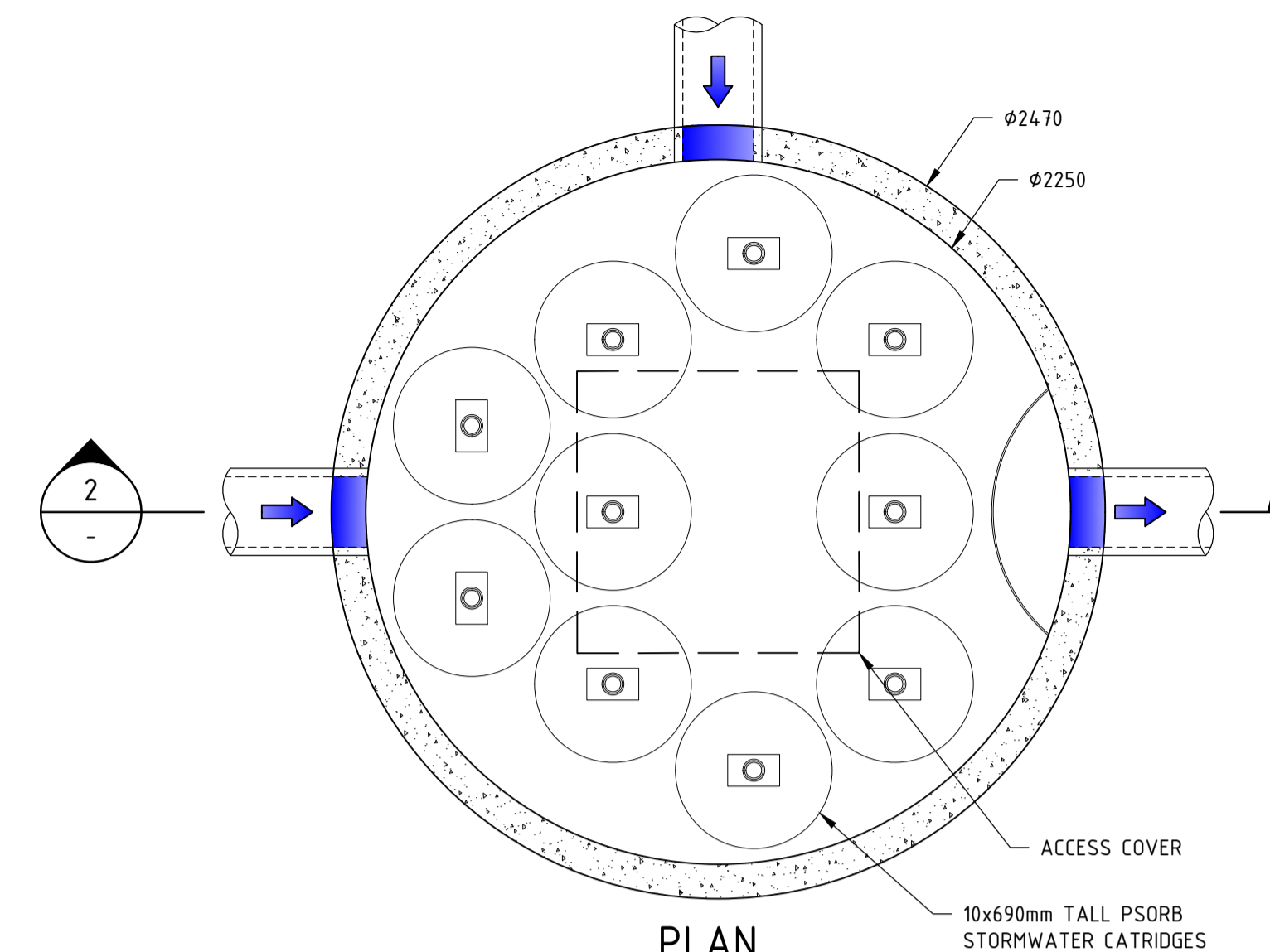
**KERB INLET PIT SETOUT**  
SCALE 1:20



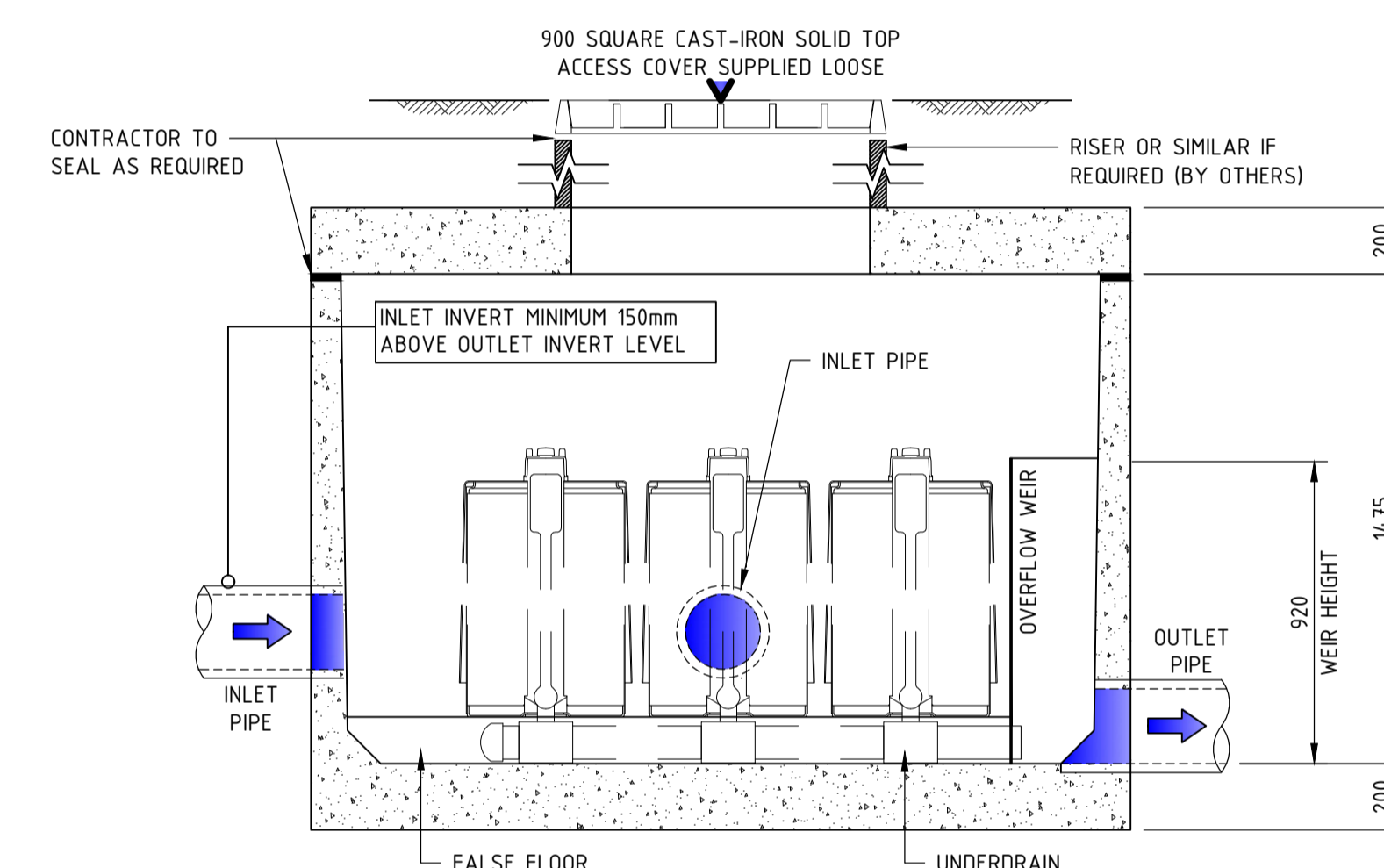
**PLAN**



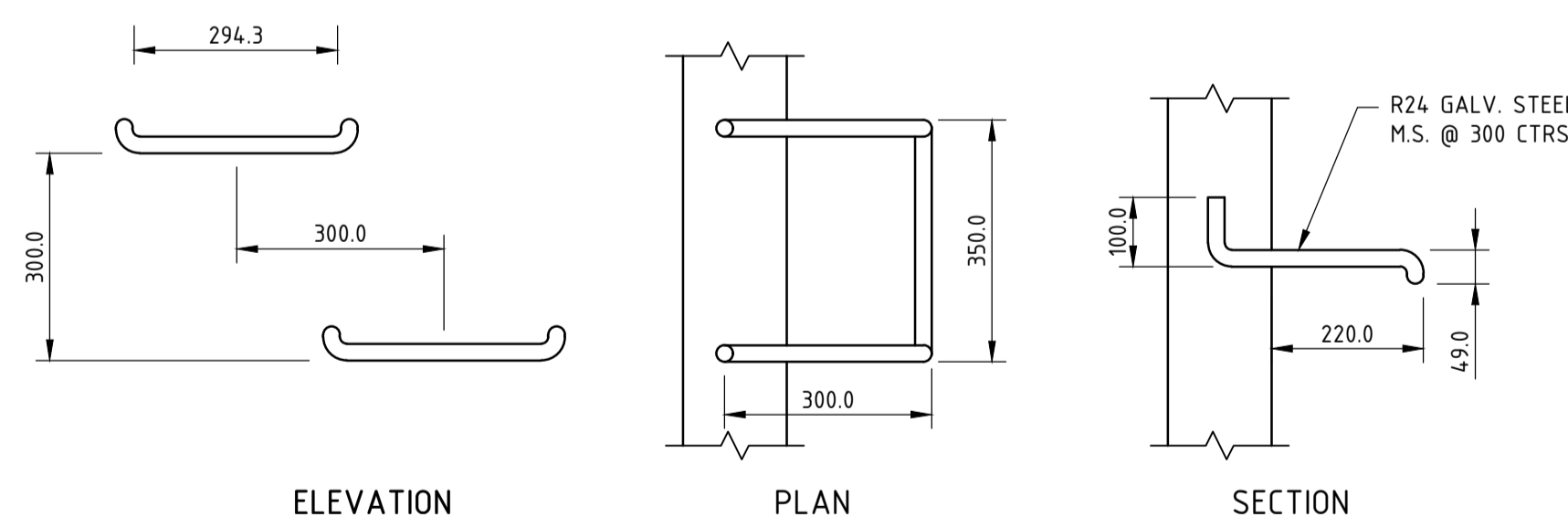
**SECTION 1**  
SCALE 1:20



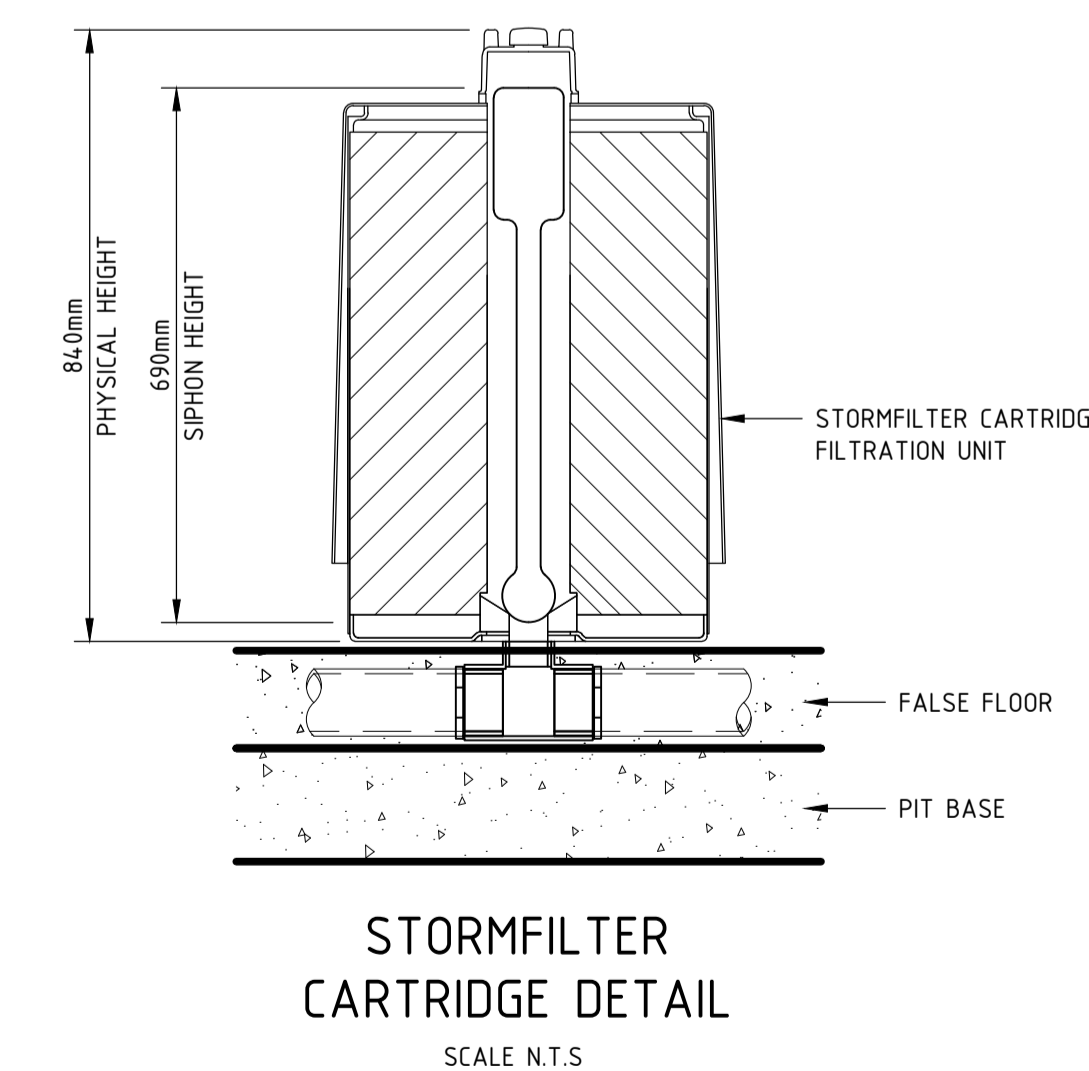
**PLAN**  
SCALE 1:20



**SECTION 2**  
SCALE 1:20

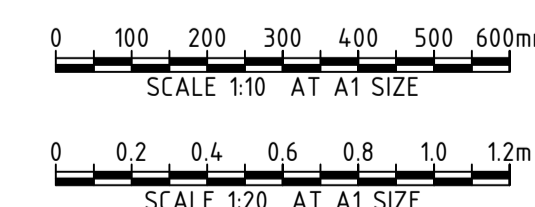


**TYPICAL STEP IRON DETAILS**  
SCALE 1:10



**STORMFILTER CARTRIDGE DETAIL**  
SCALE N.T.S.

**northern beaches council**  
**THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT**  
**DA2022/2152**



REV	DATE	DESCRIPTION	REVISIONS
B	12.07.23	ISSUED FOR DEVELOPMENT APPROVAL	SH
A	31.05.22	ISSUED FOR DEVELOPMENT APPROVAL	SH

**CLIENT**  
**Essex DEVELOP**

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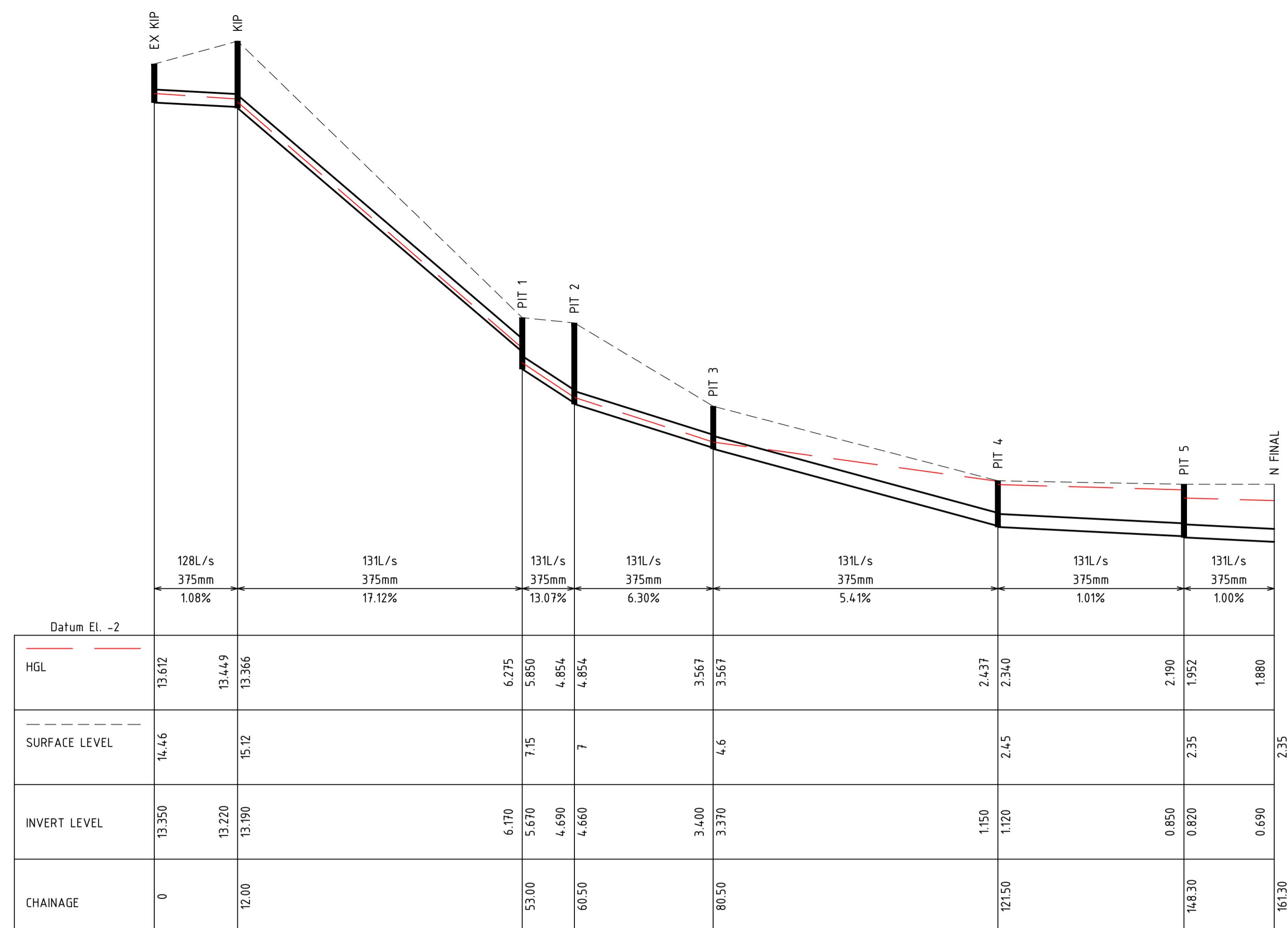
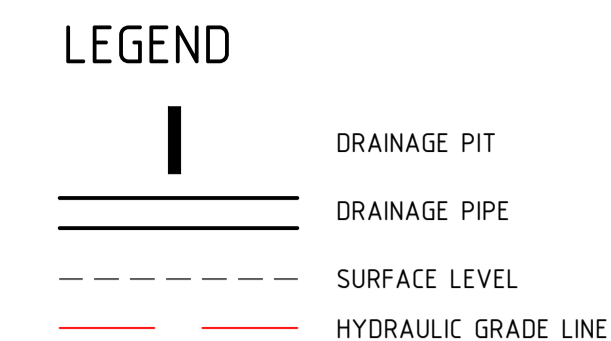
**PROJECT**  
**BG & E**  
**NEWPORT MARINA AND RESIDENTIAL DEVELOPMENT**


**STATUS**  
**ISSUED FOR APPROVAL**  
NOT TO BE USED FOR CONSTRUCTION

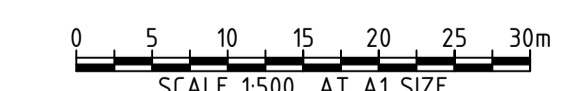
DRAWN	DESIGNED	CHECKED	APPROVED
HA	AM	SH	
DATUM	GRID	SCALE	
AHD	GDA2020 MGA-56	AS SHOWN	

**TITLE**  
**DRAINAGE DETAILS**

PROJECT No.	DRAWING No.	REV
S22042	CI-0340	B




  
**THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT**
  
 DA2022/2152




REV	DATE	DESCRIPTION	RVD	REV	DATE	DESCRIPTION	RVD
B	03.11.23	ISSUED FOR DEVELOPMENT APPROVAL	SH				
A	27.10.23	ISSUED FOR DEVELOPMENT APPROVAL	SH				

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PROJECT

**NEWPORT MARINA AND RESIDENTIAL DEVELOPMENT**

STATUS

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DRAWN	DESIGNED	CHECKED	APPROVED
SR	SM	SH	

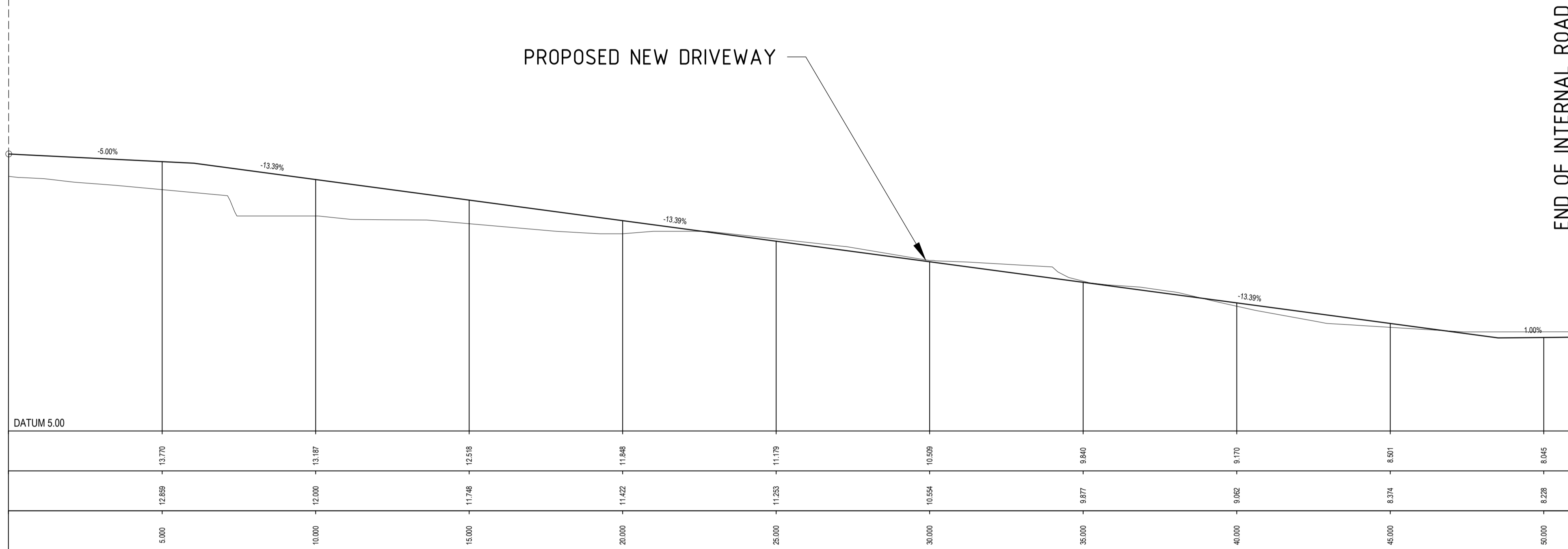
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TITLE

**COUNCIL PIPE DIVERSION DRAINAGE LONGITUDINAL SECTION**

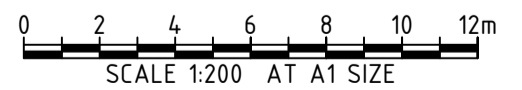
PROJECT No: S22042 DRAWING No: CI-0341 REV: B

SITE BOUNDARY



**LONGITUDINAL SECTION - CL01**  
SCALE: Hor 1:100 Ver 1:100

**THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT**  
DA2022/2152



REV	DATE	DESCRIPTION	RVD	REV	DATE	DESCRIPTION	RVD
D	27.10.23	ISSUED FOR DEVELOPMENT APPROVAL	SH				
C	09.10.23	ISSUED FOR DEVELOPMENT APPROVAL	SH				
B	09.10.23	ISSUED FOR DEVELOPMENT APPROVAL	SH				
A	19.09.23	ISSUED FOR DEVELOPMENT APPROVAL	SH				

CLIENT

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PROJECT

**NEWPORT MARINA AND RESIDENTIAL DEVELOPMENT**

STATUS

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DRAWN	DESIGNED	CHECKED	APPROVED
HA	SM	SH	

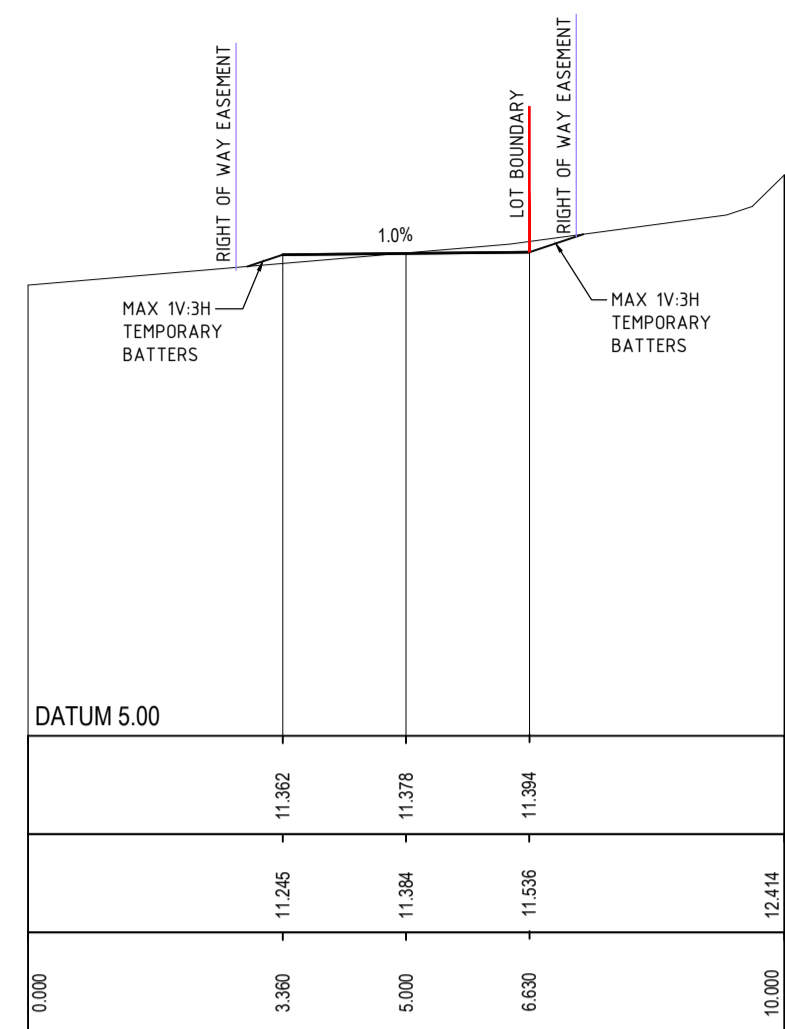
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GRID: GDA2020 MGA-56  
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TITLE

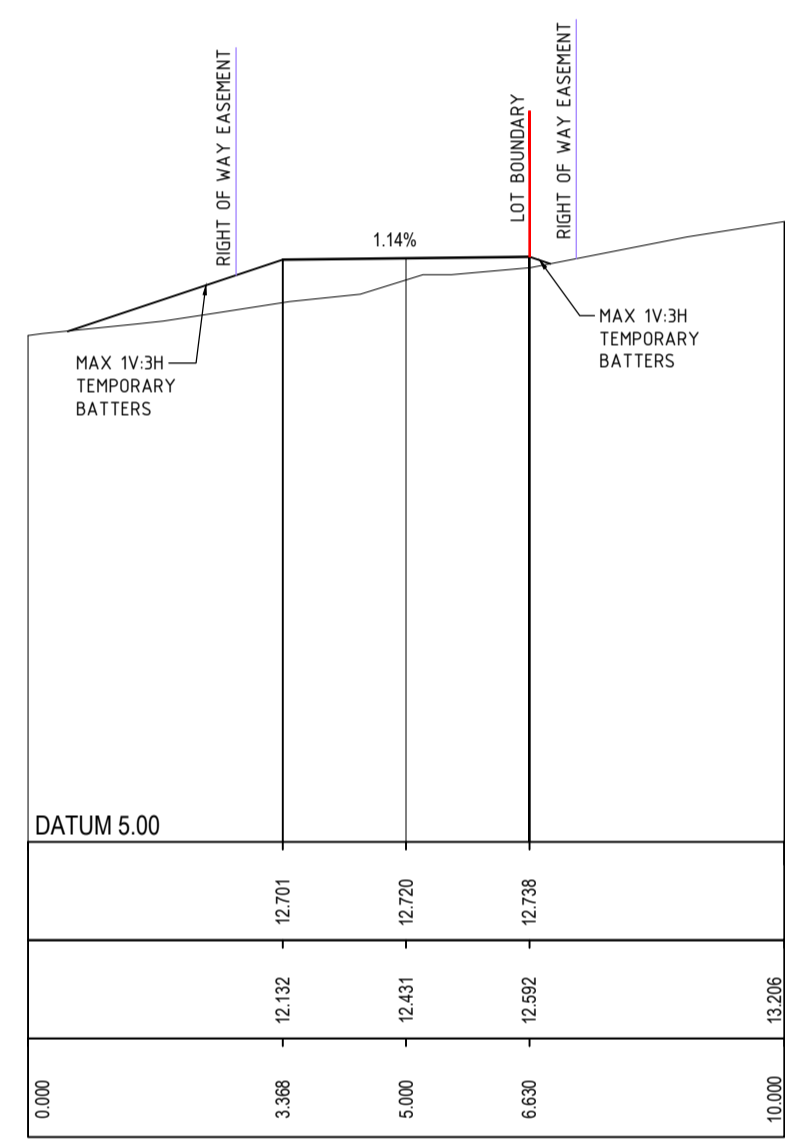
**INTERNAL DRIVEWAY LONGITUDINAL SECTIONS-CL01**

PROJECT No: S22042  
DRAWING No: CI-0350  
REV: D

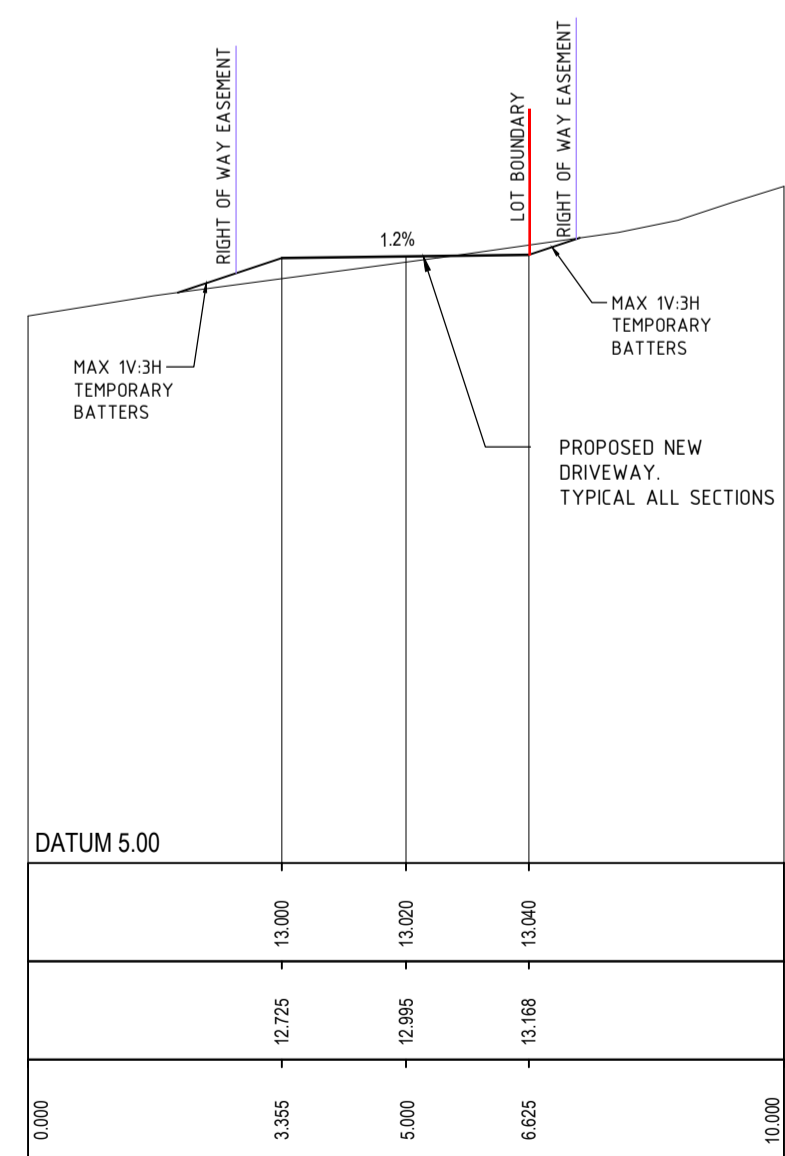
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27/10/2023 4:00:18 PM



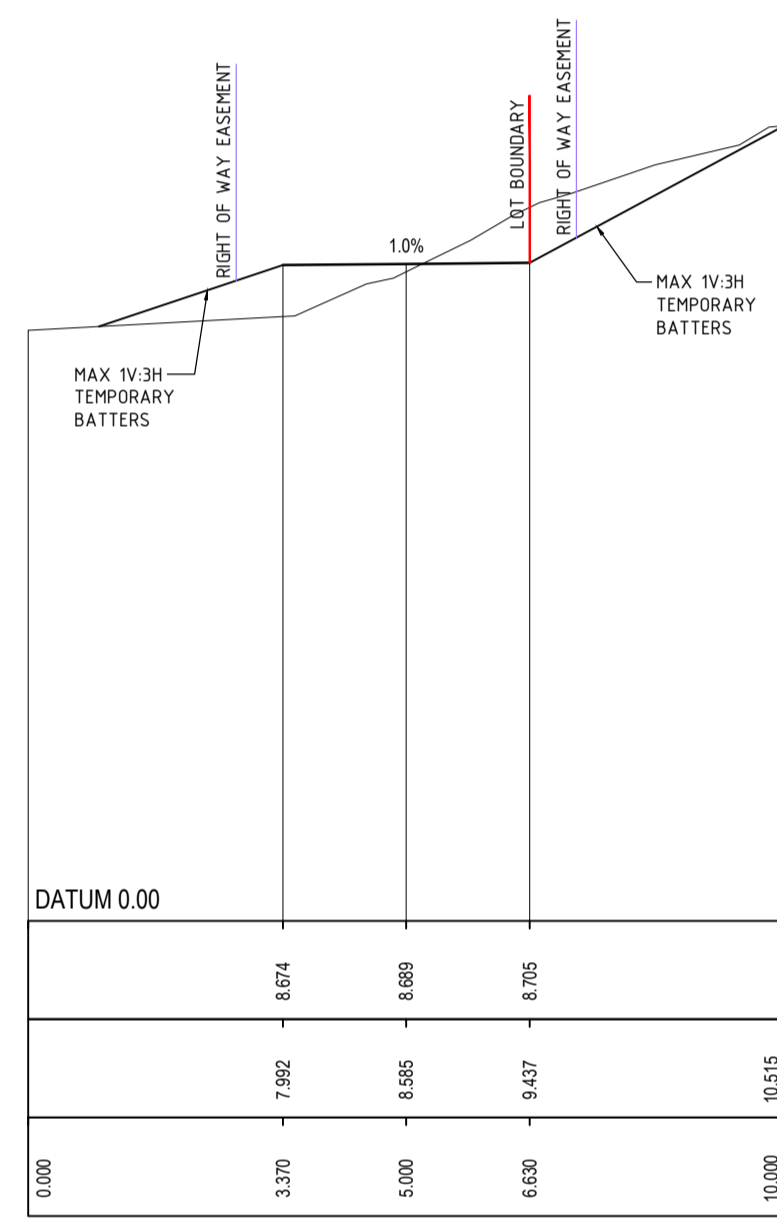
CH 16.00



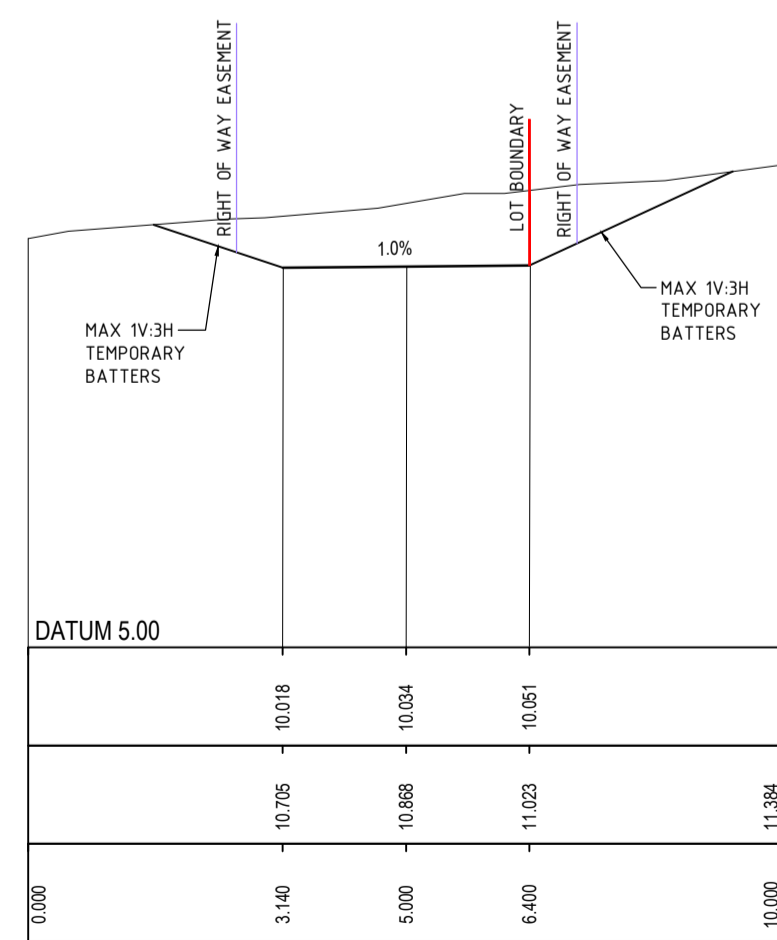
CH 6.00



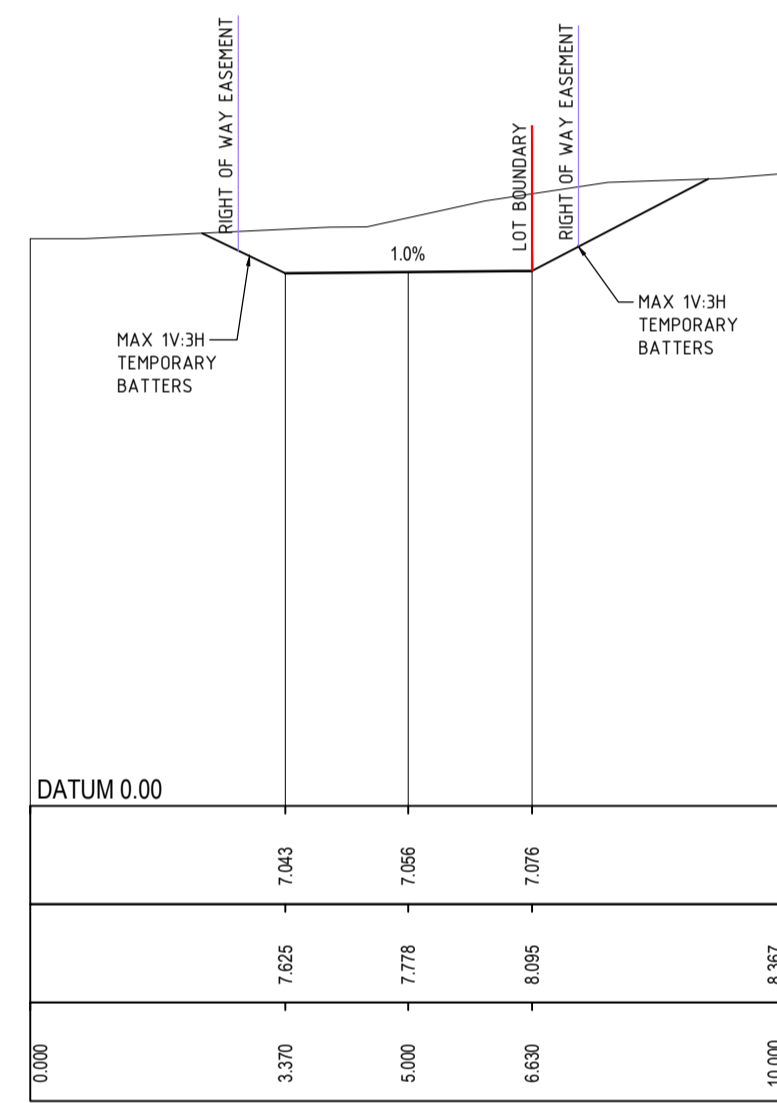
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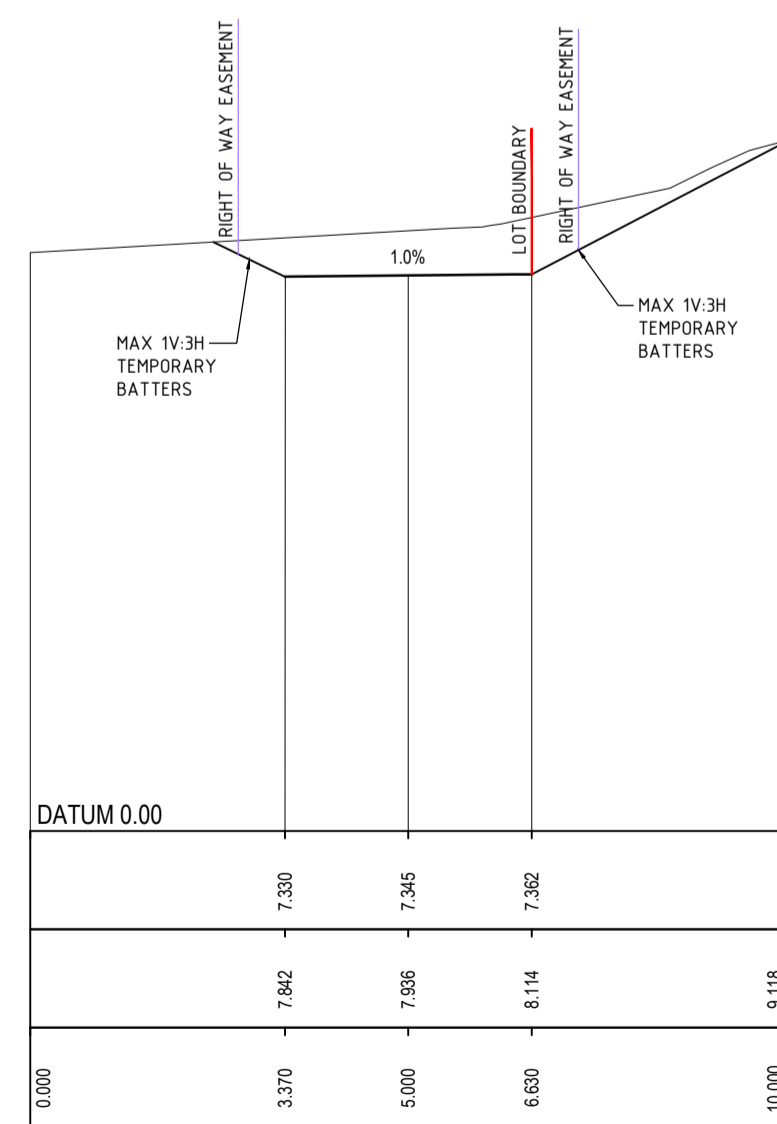
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CH 26.00

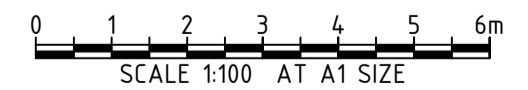


CH 51.085



CH 46.00

THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT  
DA2022/2152



REV	DATE	DESCRIPTION	RVD	REV	DATE	DESCRIPTION	RVD
C	27.10.23	ISSUED FOR DEVELOPMENT APPROVAL	SH				
B	09.10.23	ISSUED FOR DEVELOPMENT APPROVAL	SH				
A	19.09.23	ISSUED FOR DEVELOPMENT APPROVAL	SH				

CLIENT

ARCHITECT

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PROJECT

NEWPORT MARINA AND RESIDENTIAL DEVELOPMENT

STATUS

ISSUED FOR APPROVAL  
NOT TO BE USED FOR CONSTRUCTION

DRAWN	DESIGNED	CHECKED	APPROVED
HA	SM	SH	

DATUM: AHD  
GRID: GDA2020 MGA-56  
SCALE: AS SHOWN

TITLE

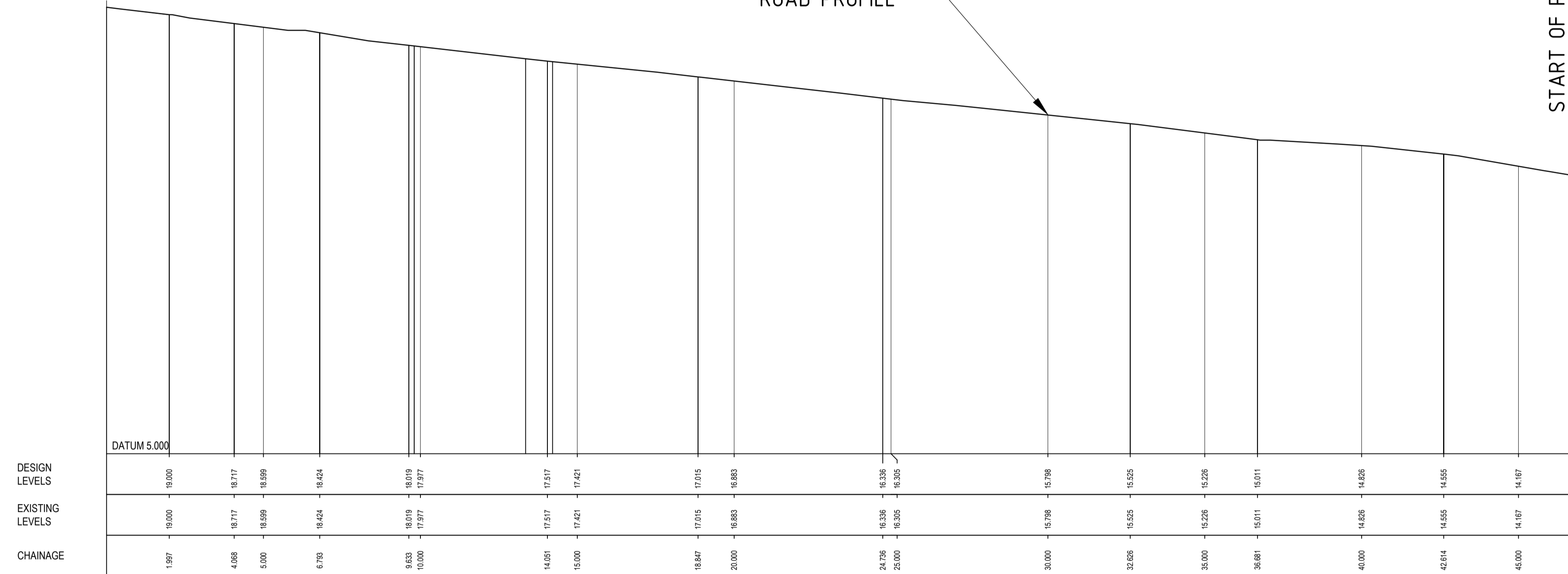
INTERNAL DRIVEWAY CROSS SECTIONS

PROJECT No: S22042  
DRAWING No: CI-0360  
REV: C

INTERSECTION OF THE AVENUE  
AND CRESCENT ROAD

START OF PROPOSED VEHICLE CROSSOVER  
FOR PROPOSED INTERNAL ROAD.

THE AVENUE  
ROAD PROFILE



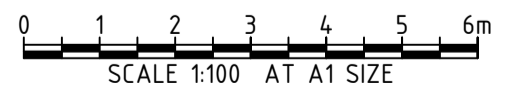
# LONGITUDINAL SECTION - CL02

SCALE: Hor 1:100 Ver 1:100

**northern beaches council**

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

**DA2022/2152**



REV	DATE	DESCRIPTION	RVD	REV	DATE	DESCRIPTION	RVD
C	29.09.23	ISSUED FOR DEVELOPMENT APPROVAL	SH				
B	29.09.23	ISSUED DEVELOPMENT APPROVAL	SH				
A	29.09.23	ISSUED DEVELOPMENT APPROVAL	SH				

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PROJECT

**NEWPORT MARINA AND RESIDENTIAL DEVELOPMENT**

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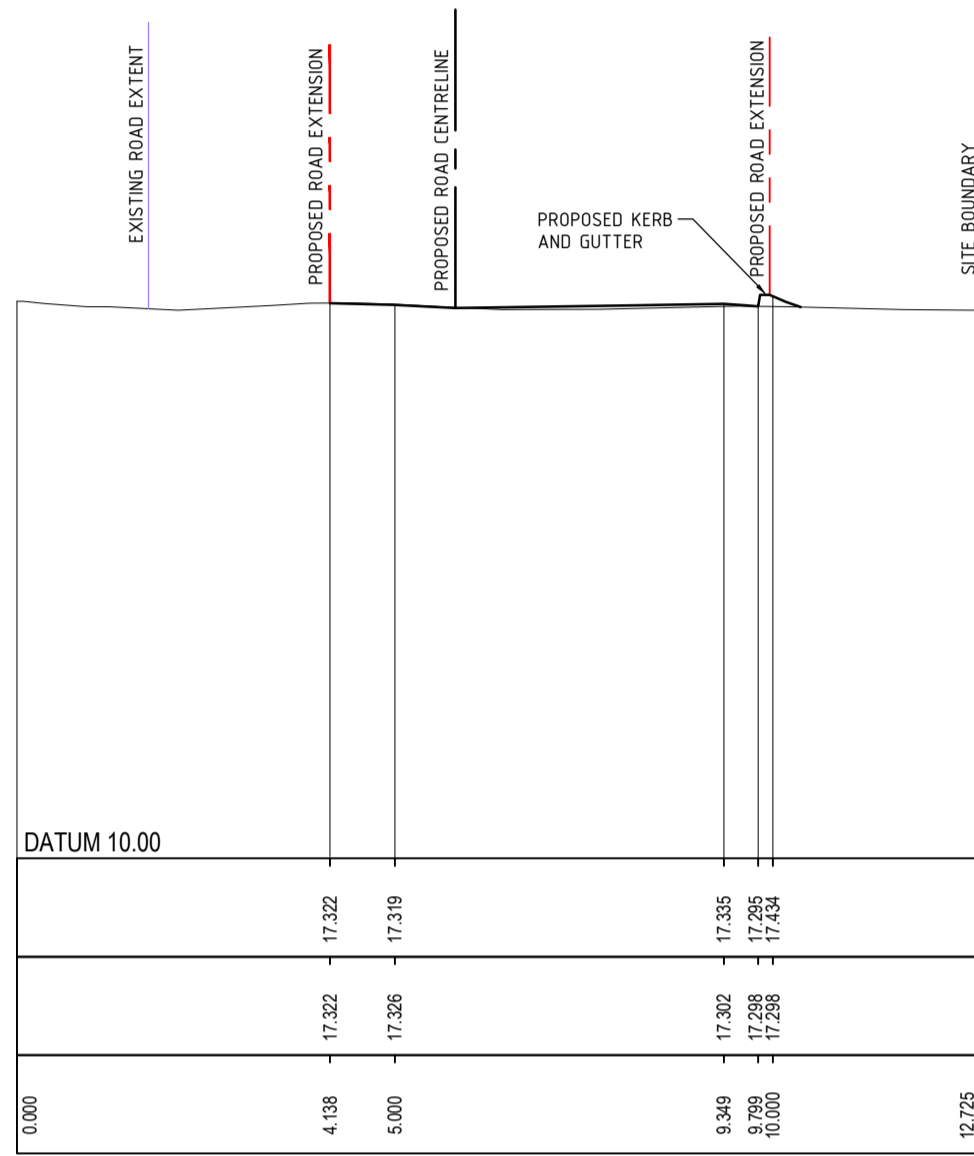
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GRID: GDA2020 MGA-56  
SCALE: AS SHOWN

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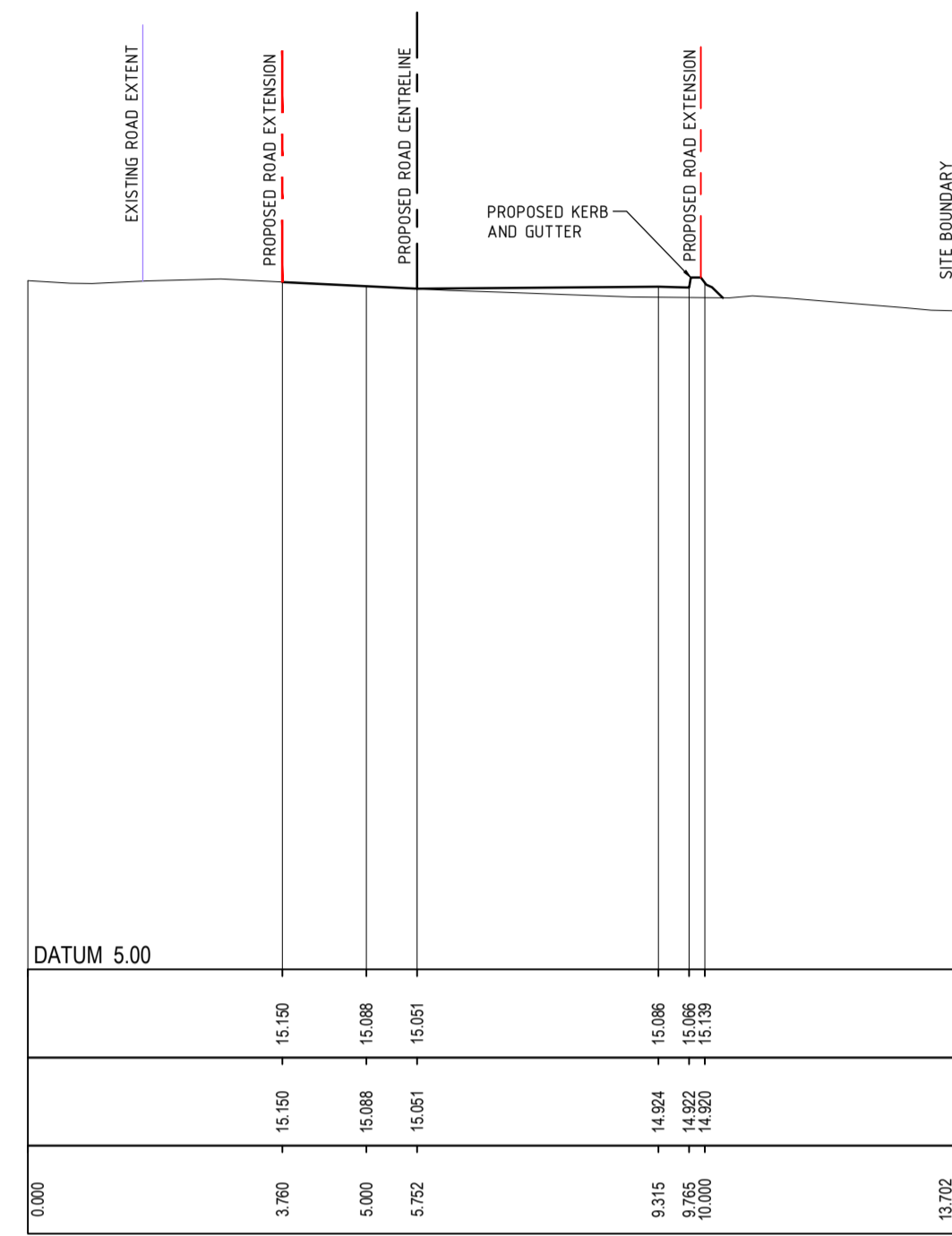
**THE AVENUE LONGITUDINAL SECTIONS - CL02**

PROJECT No: S22042  
DRAWING No: CI-0370  
REV: C

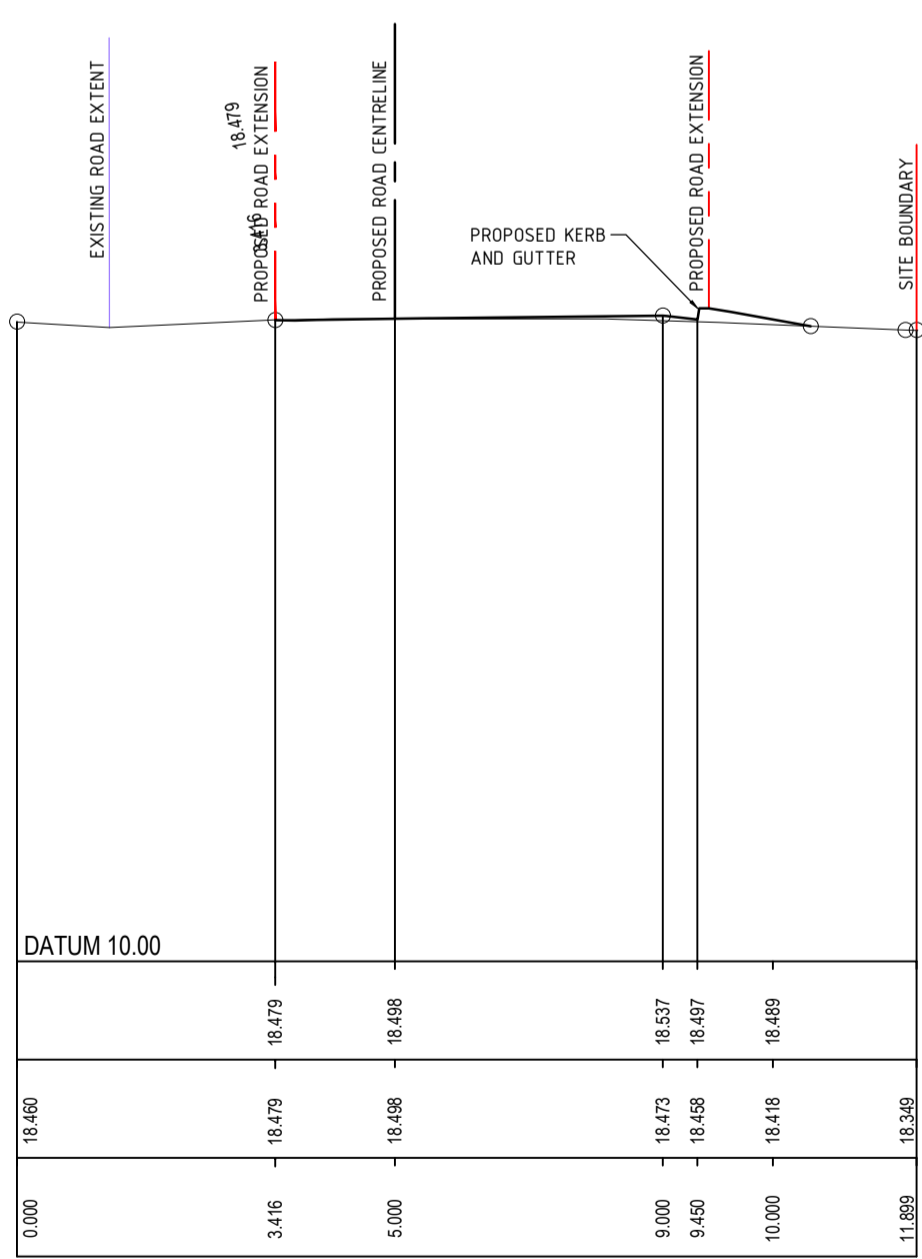
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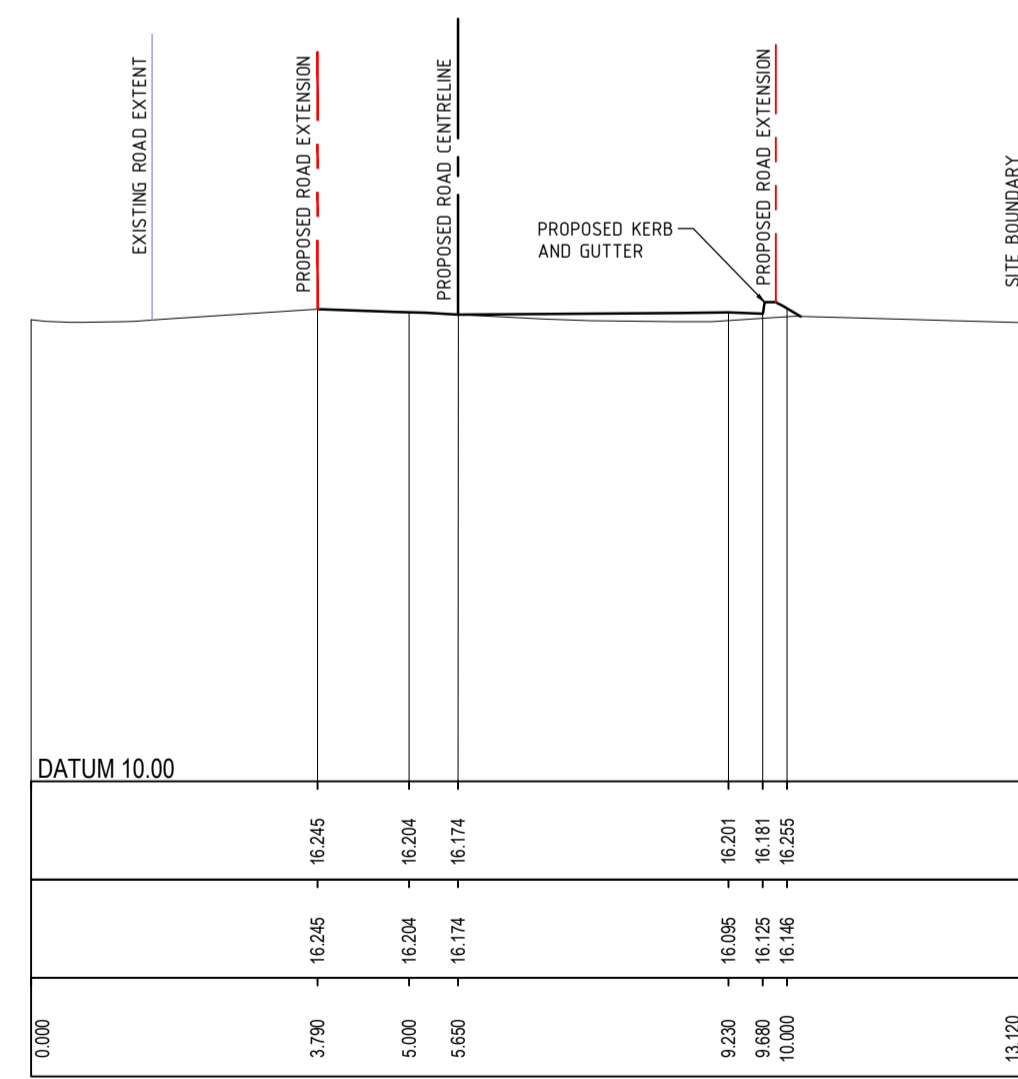
CH 16.30



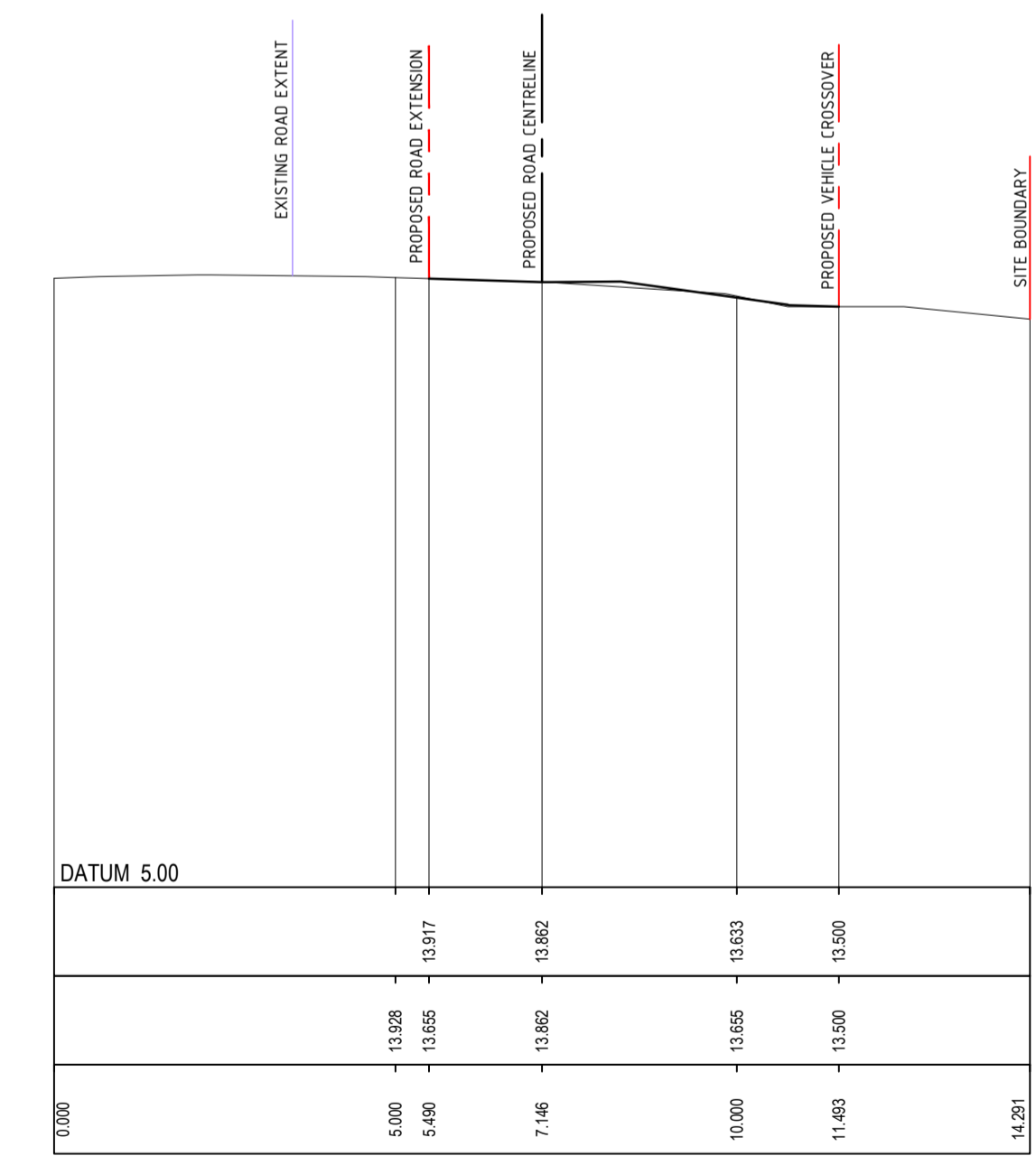
CH 36.30



CH 6.30

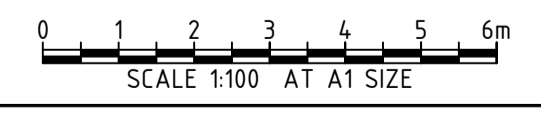


CH 26.30



CH 47.779

THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT  
 DA2022/2152



REV	DATE	DESCRIPTION	RVD	REV	DATE	DESCRIPTION	RVD
C	27.10.23	ISSUED FOR DEVELOPMENT APPROVAL	SH				
B	29.09.23	ISSUED DEVELOPMENT APPROVAL	SH				
A	20.09.23	ISSUED DEVELOPMENT APPROVAL	SH				

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PROJECT

NEWPORT MARINA AND RESIDENTIAL DEVELOPMENT

STATUS

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HA	SM	SH	

DATUM: AHD  
GRID: GDA2020 MGA-56  
SCALE: AS SHOWN  
AT A1 SIZE

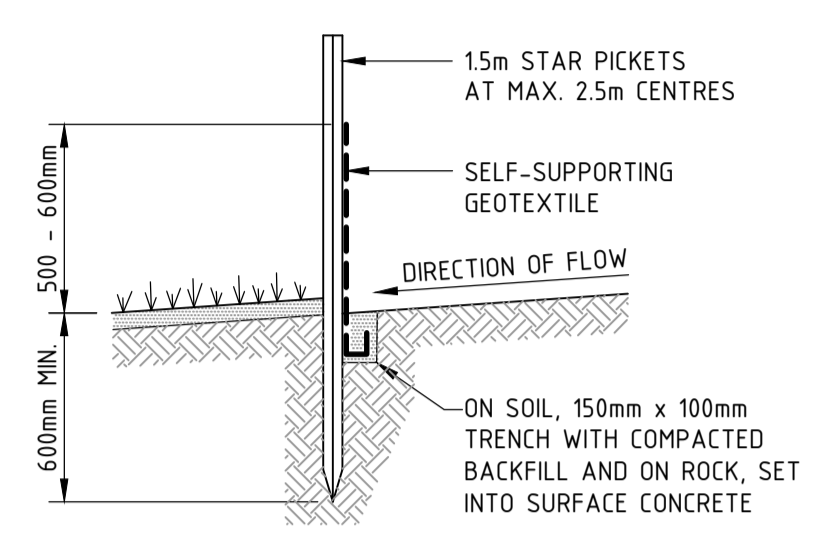
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THE AVENUE CROSS SECTIONS

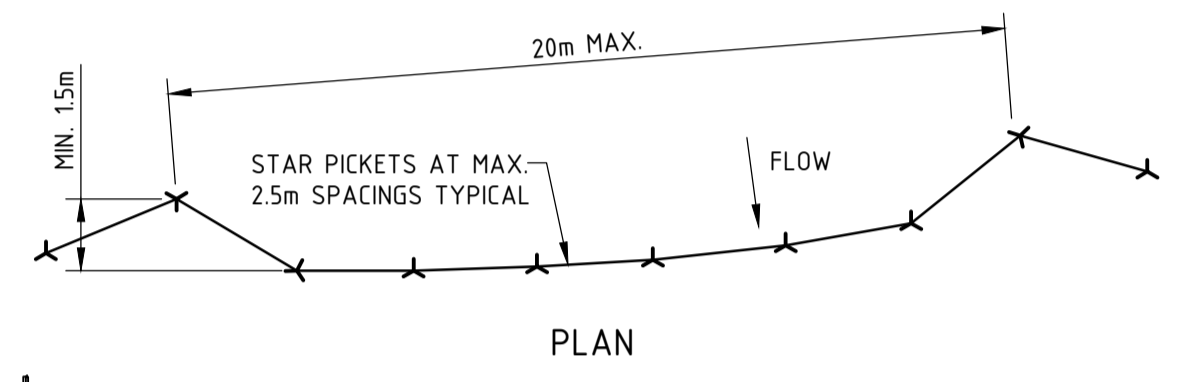
PROJECT No: S22042  
DRAWING No: CI-0371  
REV: C

\\BGS\2023\03\PROJ\15\BGS\1510152264\3\SH\PARINA\100 DRAW\101 CIVIL\A\10\CAD\152264-086-CI-0371 & 311060 23/10/2023 4:31:02 PM

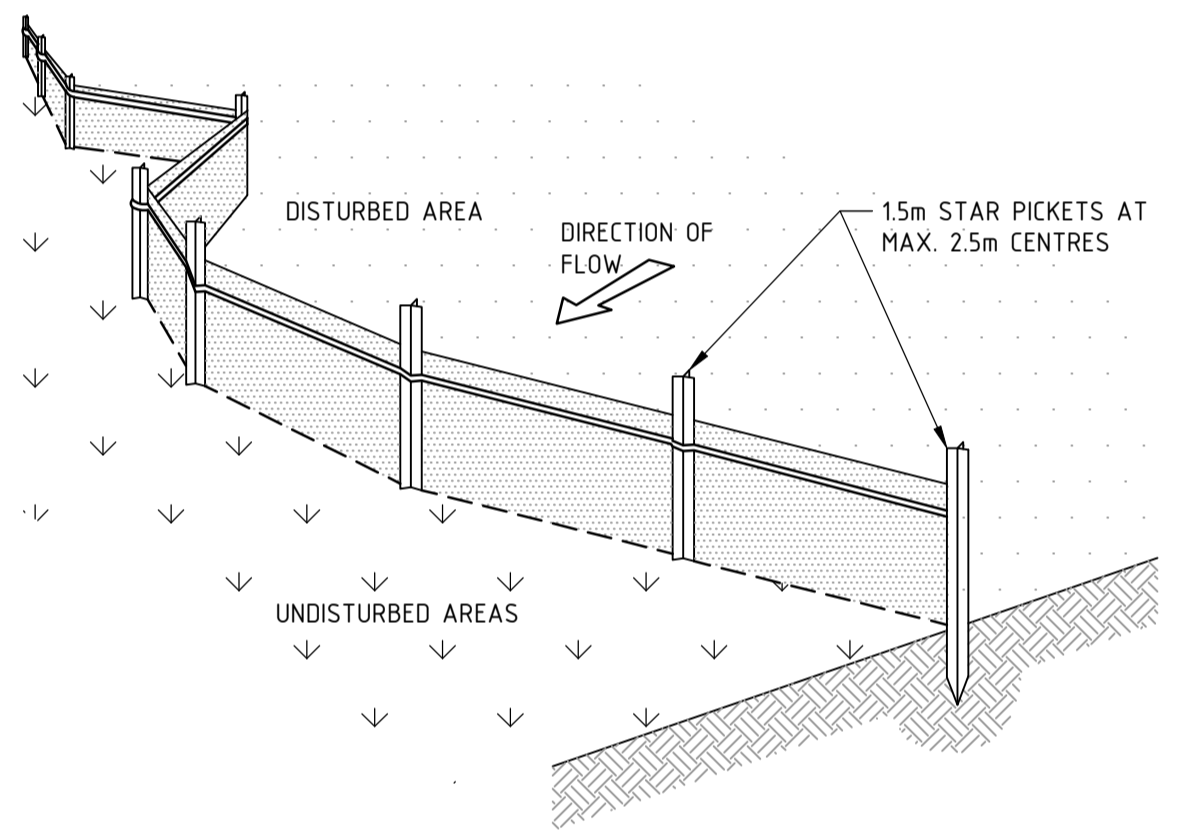




SECTION DETAIL

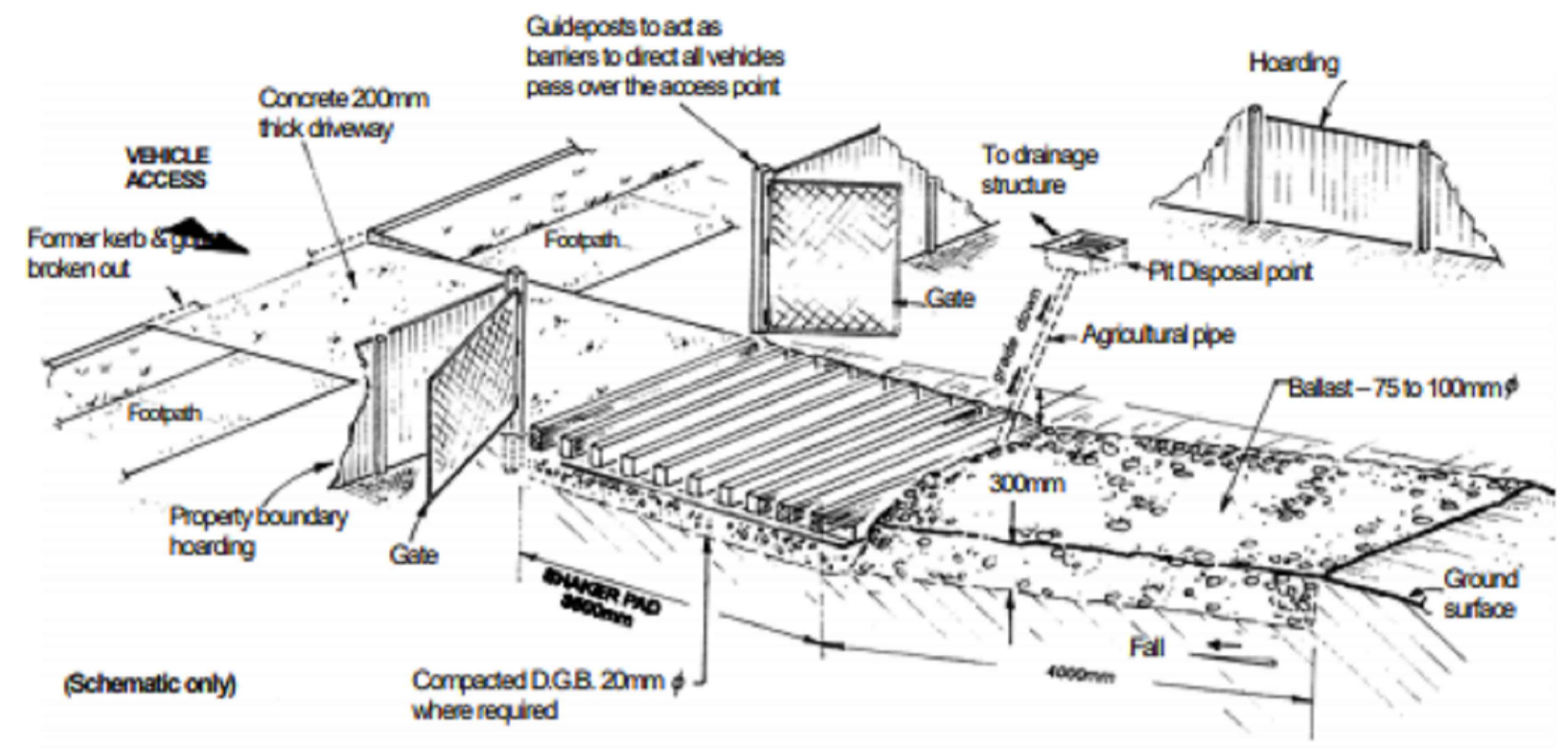


PLAN



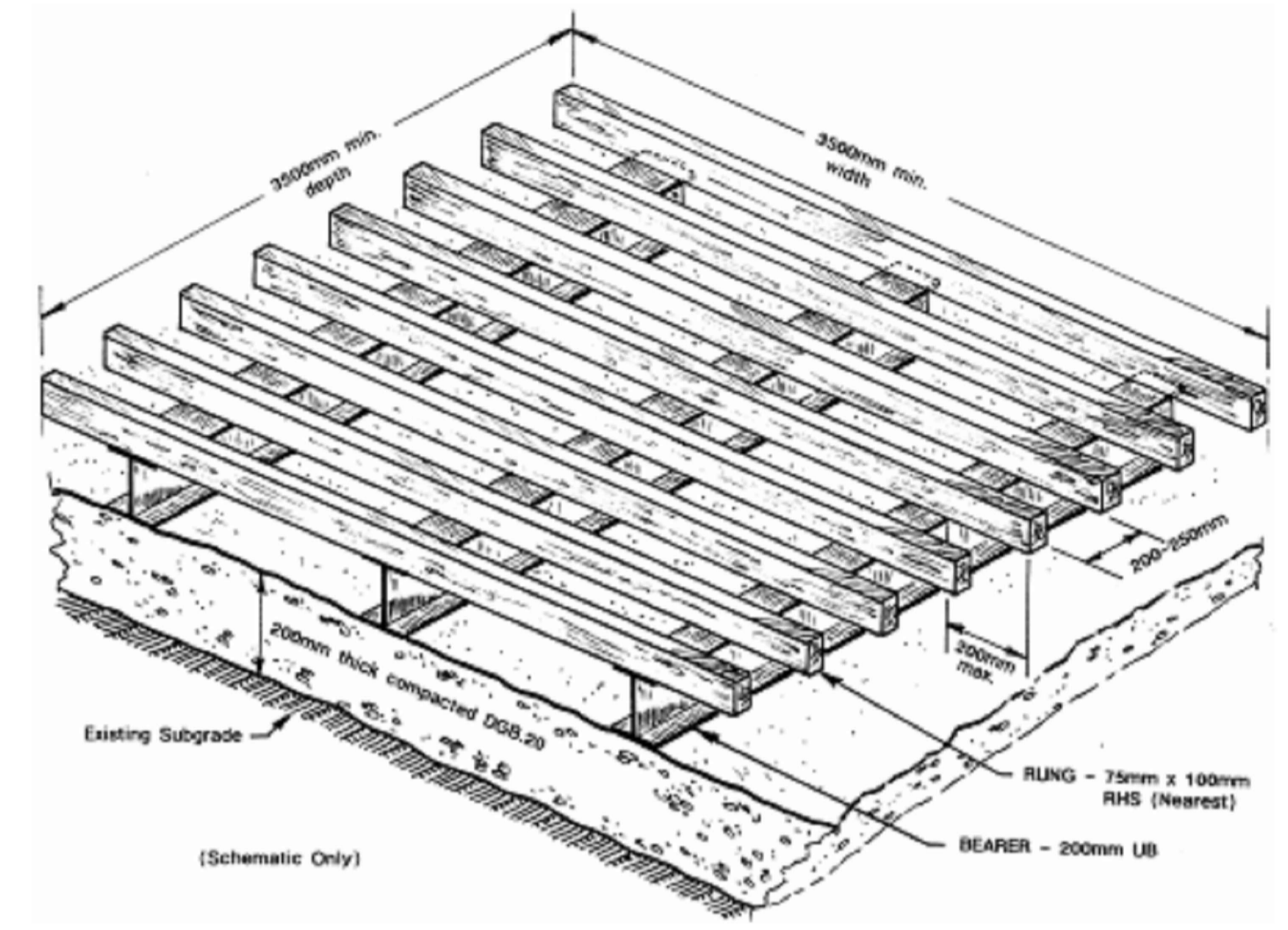
- SEDIMENT FENCE CONSTRUCTION NOTES:**
- CONSTRUCT SEDIMENT FENCES AS CLOSE AS POSSIBLE TO BEING PARALLEL TO THE CONTOURS OF THE SITE, BUT WITH SMALL RETURNS AS SHOWN IN THE DRAWING TO LIMIT THE CATCHMENT AREA OF ANY ONE SECTION. THE CATCHMENT AREA SHOULD BE SMALL ENOUGH TO LIMIT WATER FLOW IF CONCENTRATED AT ONE POINT TO 50 LITRES PER SECOND IN THE DESIGN STORM EVENT, USUALLY THE 10-YEAR EVENT.
  - CUT A 150mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
  - DRIVE 1.5m LONG STAR PICKETS INTO GROUND AT 2.5m INTERVALS (MAX.) AT THE DOWNSLOPE EDGE OF THE TRENCH. ENSURE ANY STAR PICKETS ARE FITTED WITH SAFETY CAPS.
  - FIX SELF-SUPPORTING GEOTEXTILE TO THE UPSLOPE SIDE OF THE POSTS ENSURING IT GOES TO THE BASE OF THE TRENCH. FIX THE GEOTEXTILE WITH WIRE TIES OR AS RECOMMENDED BY THE MANUFACTURER. ONLY USE GEOTEXTILE SPECIFICALLY PRODUCED FOR SEDIMENT FENCING. THE USE OF SHADE CLOTH FOR THIS PURPOSE IS NOT SATISFACTORY.
  - JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH A 150mm OVERLAP.
  - BACKFILL THE TRENCH OVER THE BASE OF THE FABRIC AND COMPACT IT THOROUGHLY OVER THE GEOTEXTILE.

SEDIMENT FENCE  
SCALE N.T.S.

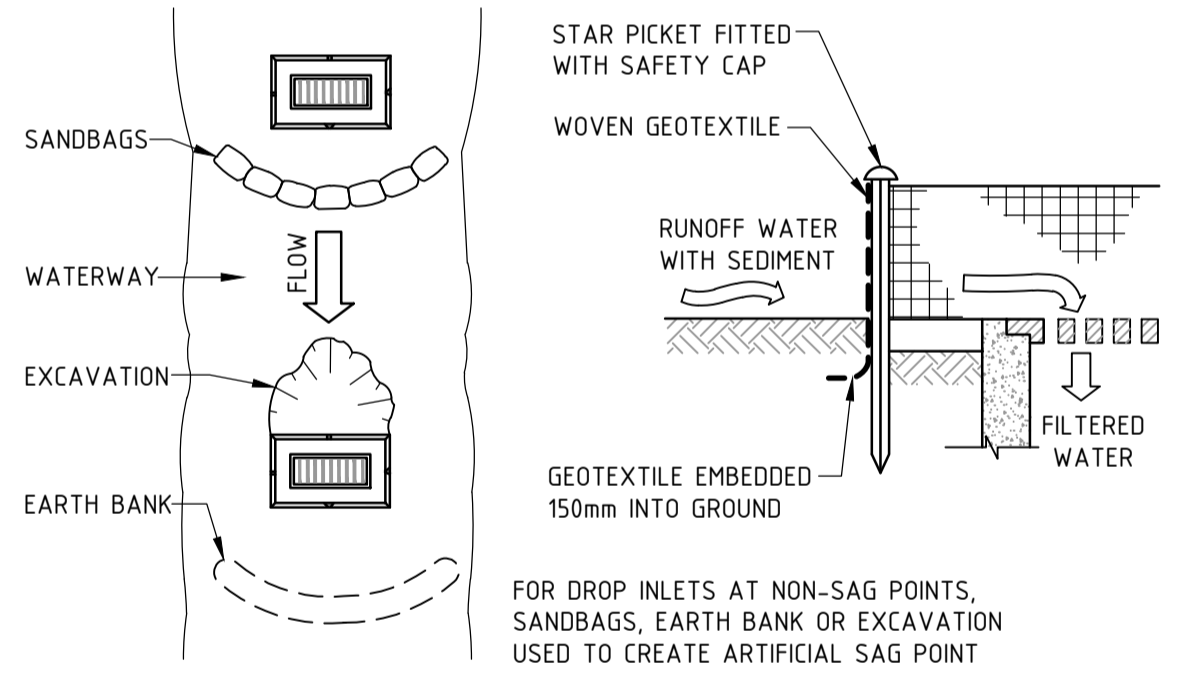
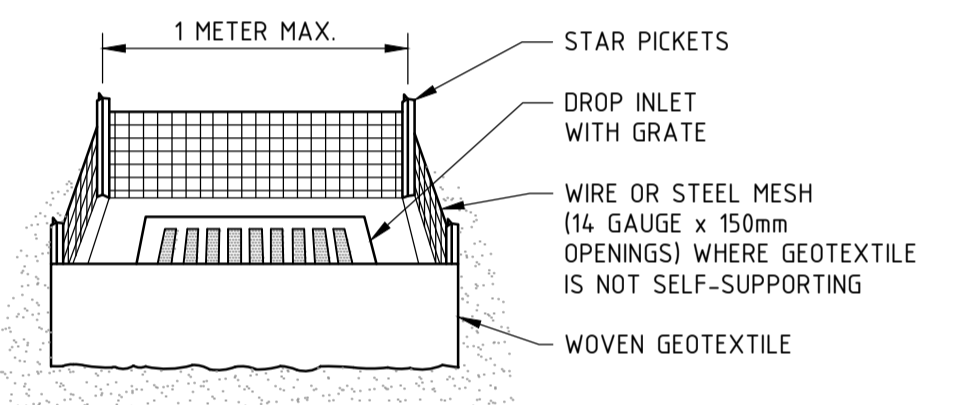


(Schematic only)

STABILISED SITE ACCESS - SHAKER GRID  
SCALE N.T.S.

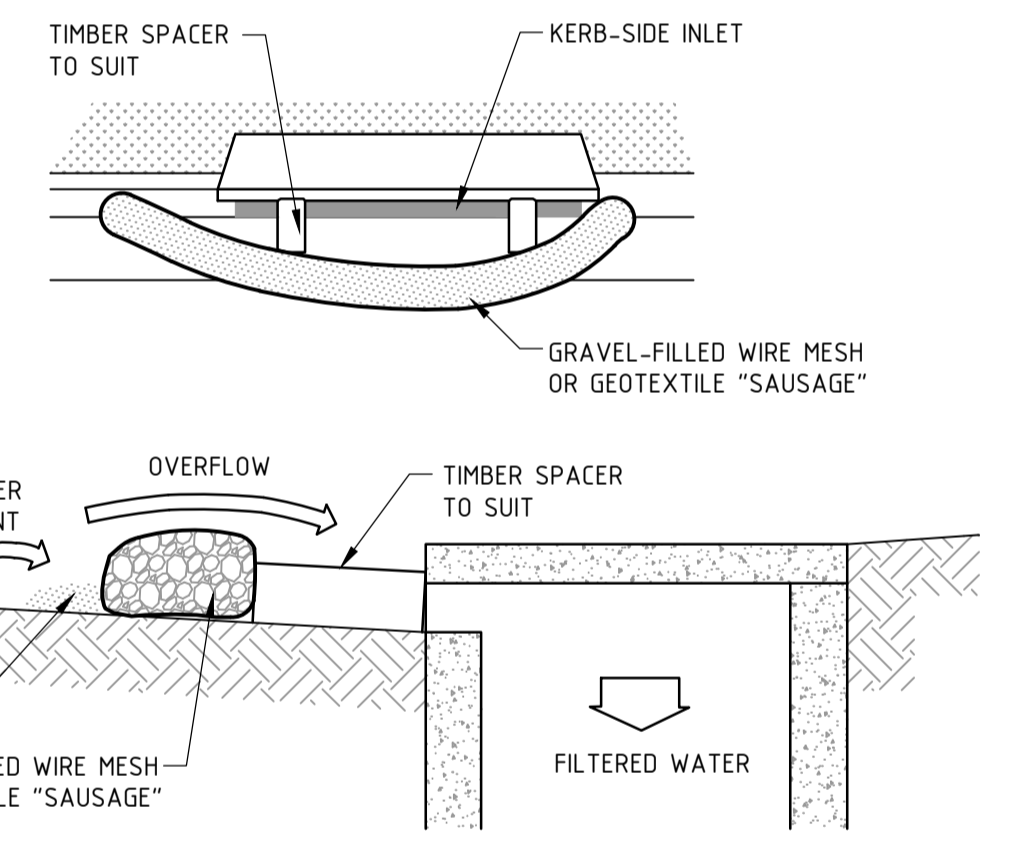


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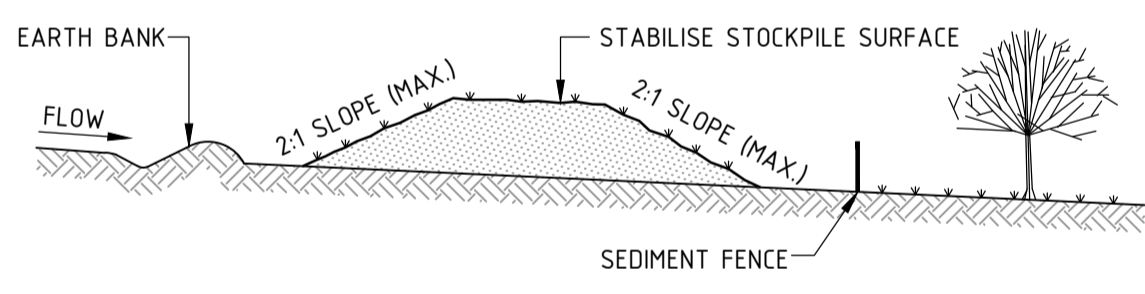
- GEOTEXTILE INLET FILTER CONSTRUCTION NOTES:**
- FABRICATE A SEDIMENT BARRIER MADE FROM GEOTEXTILE OR STRAW BALES.
  - PICKET SPACING TO BE A MAXIMUM 1.0m CENTRES.
  - IN WATERWAYS, ARTIFICIAL SAG POINTS CAN BE CREATED WITH SANDBAGS OR EARTH BANKS AS SHOWN IN THE DRAWING.
  - DO NOT COVER THE INLET WITH GEOTEXTILES UNLESS THE DESIGN IS ADEQUATE TO ALLOW FOR ALL WATERS TO BYPASS IT.

GEOTEXTILE INLET FILTER  
SCALE N.T.S.



- MESH & GRAVEL INLET FILTER CONSTRUCTION NOTES:**
- INSTALL FILTERS TO KERB INLETS ONLY AT SAG POINTS.
  - FABRICATE A SLEEVE MADE FROM GEOTEXTILE OR WIRE MESH LONGER THAN THE LENGTH OF THE INLET PIT AND FILL IT WITH 25mm TO 50mm GRAVEL.
  - FORM AN ELLIPTICAL CROSS-SECTION ABOUT 150mm HIGH x 400mm WIDE.
  - PLACE THE FILTER AT THE OPENING LEAVING AT LEAST A 100mm SPACE BETWEEN IT AND THE KERB INLET. MAINTAIN THE OPENING WITH SPACER BLOCKS.
  - FORM A SEAL WITH THE KERB TO PREVENT SEDIMENT BYPASSING THE FILTER.
  - SANDBAGS FILLED WITH GRAVEL CAN SUBSTITUTE FOR THE MESH OR GEOTEXTILE PROVIDING THEY ARE PLACED SO THAT THEY CAN FIRMLY ABUT EACH OTHER AND SEDIMENT-LADEN WATERS CANNOT PASS BETWEEN.

MESH & GRAVEL INLET FILTER  
SCALE N.T.S.



- STOCKPILE CONSTRUCTION NOTES:**
- PLACE STOCKPILES MORE THAN 2 (PREFERABLY 5) METRES FROM EXISTING VEGETATION, CONCENTRATED WATER FLOW, ROADS AND HAZARD AREAS.
  - CONSTRUCT ON THE CONTOUR AS LOW, FLAT, ELONGATED MOUNDS.
  - WHERE THERE IS SUFFICIENT AREA, TOPSOIL STOCKPILES SHALL BE LESS THAN 2 METRES IN HEIGHT.
  - WHERE THEY ARE TO BE PLACE FOR MORE THAN 10 DAYS, STABILISE FOLLOWING THE APPROVED ESCP OR SWMP TO REDUCE THE C-FACTOR TO LESS THAN 0.10.
  - CONSTRUCT EARTH BANKS ON THE UPSLOPE SIDE TO DIVERT WATER AROUND STOCKPILES AND SEDIMENT FENCES 1 TO 2 METRES DOWNSLOPE.

STOCKPILES  
SCALE N.T.S.

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DA2022/2152

								<b>Sydney Office</b> – L2, 8 Windmill St Sydney NSW 2000 P / +61 2 9770 3300 E / info@bgeeng.com bgeeng.com				<b>PROJECT</b> NEWPORT MARINA AND RESIDENTIAL DEVELOPMENT				<b>STATUS</b> ISSUED FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION				<b>TITLE</b> EROSION AND SEDIMENT CONTROL DETAILS			
REV	DATE	DESCRIPTION	RVD	REV	DATE	DESCRIPTION	RVD	REV	DATE	DESCRIPTION	RVD	REV	DATE	DESCRIPTION	RVD	REV	DATE	DESCRIPTION	RVD	REV	DATE	DESCRIPTION	RVD
B	12.07.23	ISSUED FOR DEVELOPMENT APPROVAL	SH																				
A	31.05.22	ISSUED FOR DEVELOPMENT APPROVAL	SH																				
<b>REVISIONS</b>																							
DATUM: AHD    GRID: GDA2020 MGA-56    SCALE: NOT TO SCALE    AT: A1 SIZE    PROJECT No: S22042    DRAWING No: CI-0710    REV: B																							