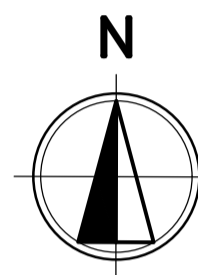


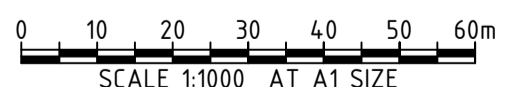
NEWPORT MARINA AND RESIDENTIAL DEVELOPMENT

LGA: NORTHERN BEACHES COUNCIL
DEVELOPMENT APPLICATION ISSUE



LOCALITY PLAN
SCALE 1:1000

DRAWING INDEX	
DRG No.	DESCRIPTION
CI-0000	COVER SHEET, LOCALITY PLAN AND DRAWING INDEX
CI-0200	SITWORKS AND DRAINAGE PLAN
CI-0300	OVERLAND FLOW CATCHMENT PLAN
CI-0310	OVERLAND FLOW PLAN
CI-0320	PROPOSED INTERNAL ROAD PLAN
CI-0330	GENERAL ROADWORKS PLAN
CI-0340	DRAINAGE DETAILS
CI-0341	COUNCIL PIPE DIVERSION DRAINAGE LONGITUDINAL SECTION
CI-0350	INTERNAL DRIVEWAY LONGITUDINAL SECTION - CLO1
CI-0360	INTERNAL DRIVEWAY CROSS SECTIONS
CI-0370	THE AVENUE LONGITUDINAL SECTION - CLO2
CI-0371	THE AVENUE CROSS SECTIONS
CI-0380	MUSIC CATCHMENT PLAN
CI-0700	EROSION AND SEDIMENT CONTROL PLAN
CI-0710	EROSION AND SEDIMENT CONTROL DETAILS



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	12.07.23	ISSUED FOR DEVELOPMENT APPROVAL	SH				
A	31.05.22	ISSUED FOR DEVELOPMENT APPROVAL	SH				

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PROJECT

NEWPORT MARINA AND RESIDENTIAL DEVELOPMENT

STATUS

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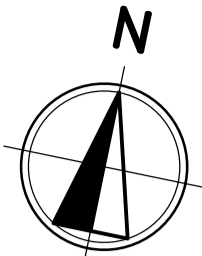
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HA	SM	SH	

DATUM: AHD
GRID: GDA2020
MGA-56
SCALE: 1:1000
AT A1 SIZE

TITLE

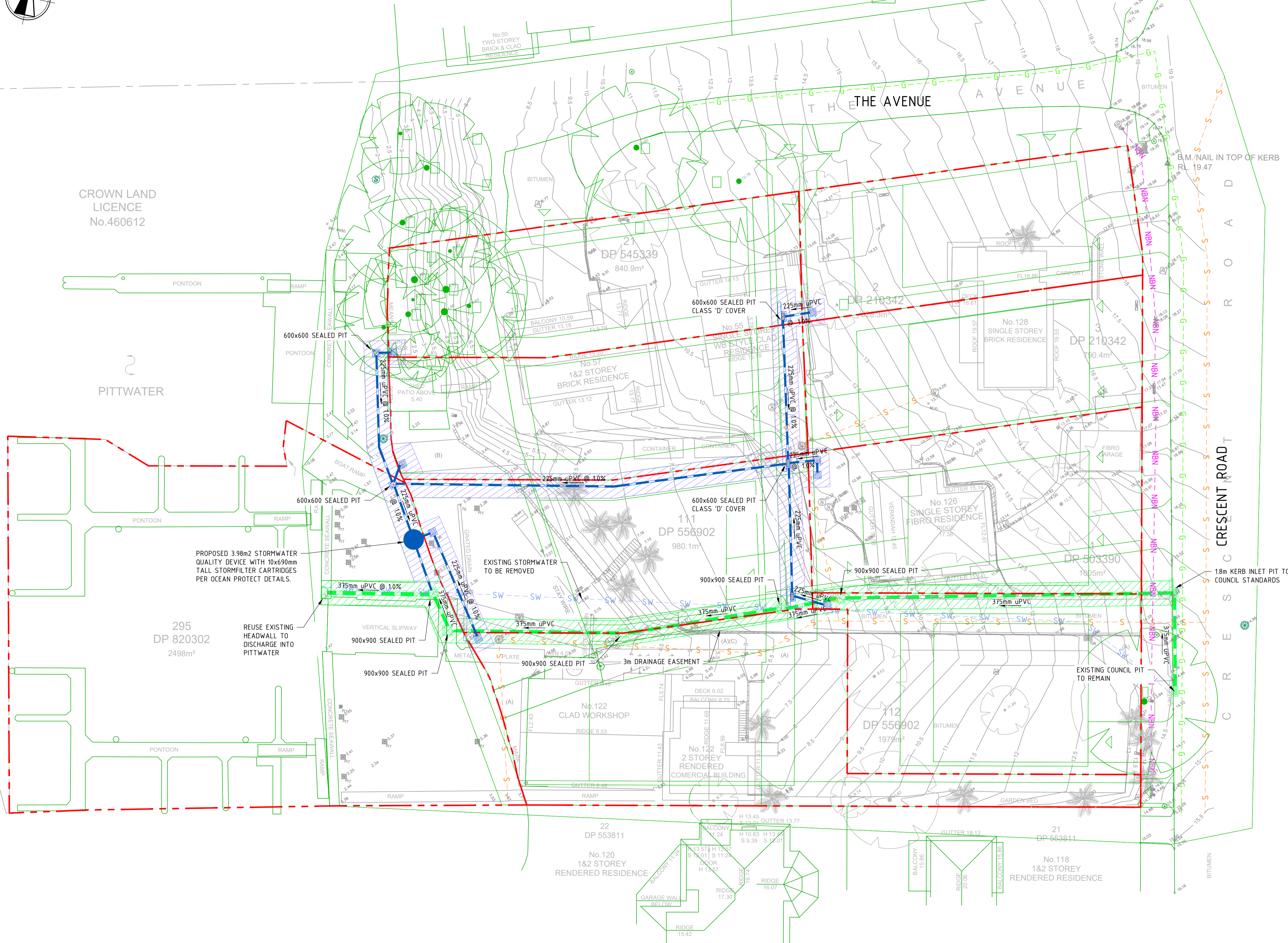
COVER SHEET, LOCALITY PLAN AND DRAWING INDEX

PROJECT No.	DRAWING No.	REV
S22042	CI-0000	D



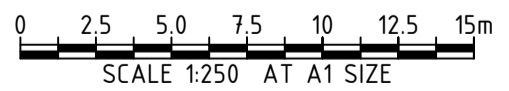
CROWN LAND LICENCE No.460612

PITWATER



- LEGEND**
- SITE BOUNDARY
 - PROPOSED STORMWATER (SIZE AND TYPE)
 - PROPOSED GRATED PIT/ SEALED PIT/ KERB INLET PIT
 - 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

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				

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PROJECT

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DRAWN	DESIGNED	CHECKED	APPROVED
HA	AM	SH	

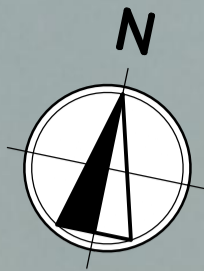
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GRID: GDA2020 MGA-56
SCALE: 1:250
AT A1 SIZE

TITLE

SITWORKS AND DRAINAGE PLAN

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

\\BGS\2023\0519\PROJECTS\BGS\5701522042\585\NEWPORT MARINA\100 DRAWING\01 CIVIL\AUTOCAD\DWG\1522042-CI-0200_2023.DWG 3/10/2023 10:58:03 AM



LEGEND

- SITE BOUNDARY
- CADASTRAL
- EXISTING PIT/ KERB INLET PIT
- PROPOSED PIT/ KERB INLET PIT
- EXTERNAL CATCHMENT OVERLAND FLOW TO PROPOSED GRASSED SWALE ON SITE
- INTERNAL CATCHMENT OVERLAND FLOW TO PROPOSED GRASSED SWALE ON SITE
- PROPOSED GRASSED SWALE

EXTERNAL CATCHMENT FLOWS CALCULATION:

- STORM EVENT = 100 YR ARI
- TIME OF CONCENTRATION = 5 MINS
- INTENSITY = 273 mm/hr
- CATCHMENT AREA = 0.7109 Ha
- C=0.75

OVERLAND FLOW = 0.404 m³/s

INTERNAL CATCHMENT FLOWS CALCULATION:

- STORM EVENT = 100 YR ARI
- TIME OF CONCENTRATION = 5 mins
- INTENSITY = 273 mm/hr
- CATCHMENT AREA = 0.3960 Ha
- C=0.54

OVERLAND FLOW = 0.161 m³/s
 QTOTAL (INCLUDING EXTERNAL CATCHMENT FLOWS) = 0.404+0.161 = 0.566 m³/s

PLAN
SCALE 1:400



REV	DATE	DESCRIPTION	RVD	REV	DATE	DESCRIPTION	RVD
C	23.10.23	ISSUED FOR DEVELOPMENT APPROVAL	SH				
B	09.10.23	ISSUED FOR DEVELOPMENT APPROVAL	SH				
A	12.07.23	ISSUED FOR DEVELOPMENT APPROVAL	SH				

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PROJECT

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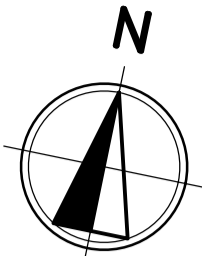
DRAWN	DESIGNED	CHECKED	APPROVED
HA	SM	SH	

TITLE

OVERLAND FLOW CATCHMENT PLAN

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

PROJECT No.	DRAWING No.	REV
S22042	CI-0300	C



CROWN LAND LICENCE No.460612

PITWATER

295 DP 820302 2498m²

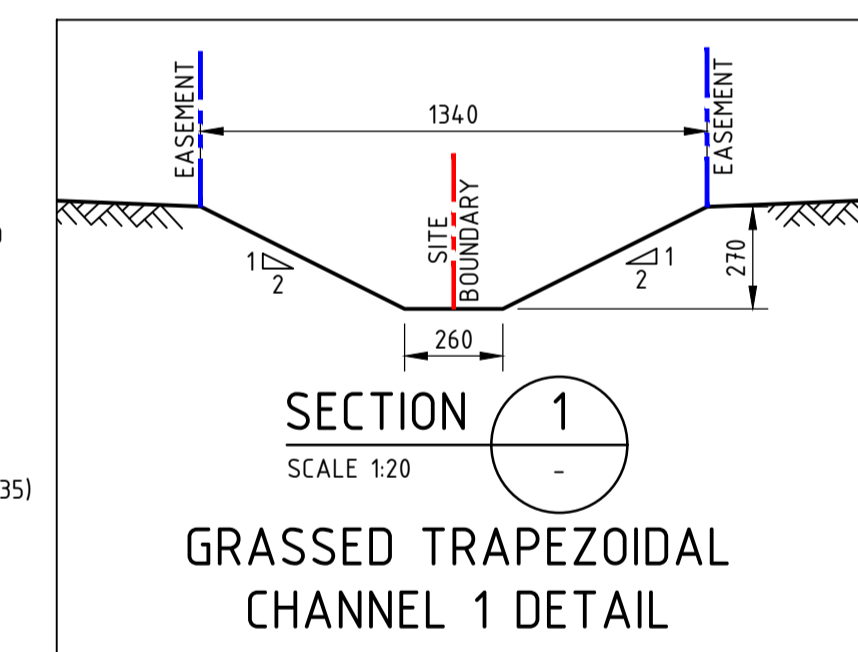
PROPOSED GRASSED TRAPEZOIDAL CHANNEL BETWEEN LOTS 5 & 6 TO CATER FOR THE OVERLAND FLOW PATH. REFER SECTION 2 FOR DETAILS.

CHANNEL 2 DETAILS:
LENGTH = 4.10m
1330mm WIDE x 270mm DEEP @12.0%
APPROX SLOPE (MANNINGS 'N' = 0.035)
OVERLAND FLOW = 0.566 m³/s
OSWALE = 0.596m³/s

PLAN SCALE 1:250

LEGEND

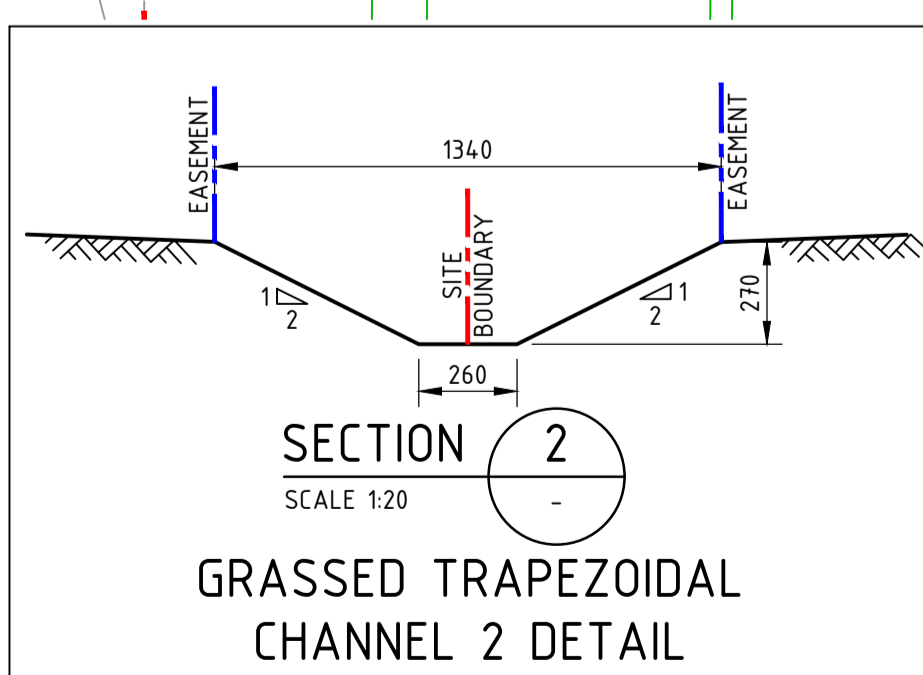
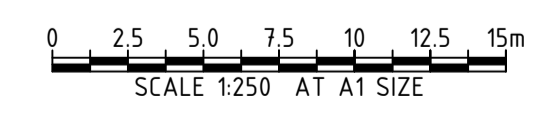
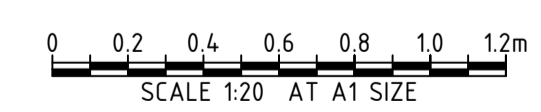
- SITE BOUNDARY
 - PROPOSED STORMWATER
 - PROPOSED GRATED PIT/ SEALED PIT/ KERB INLET PIT
 - COUNCIL STORMWATER
 - PROPOSED COUNCIL SEALED PIT/ KERB INLET PIT
 - EXISTING KERB INLET PIT
 - EXISTING SURVEY FEATURES
 - ARCHITECTURAL
 - HEADWALL
 - 3m DRAINAGE EASEMENT
 - PROPOSED GRASSED SWALE
- EXISTING 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 m³/s
OSWALE = 0.720 m³/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.

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				

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PROJECT

NEWPORT MARINA AND RESIDENTIAL DEVELOPMENT

STATUS

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DRAWN	DESIGNED	CHECKED	APPROVED
HA	SM	SH	

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

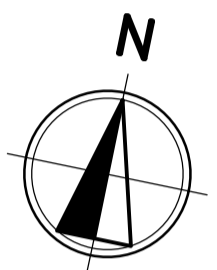
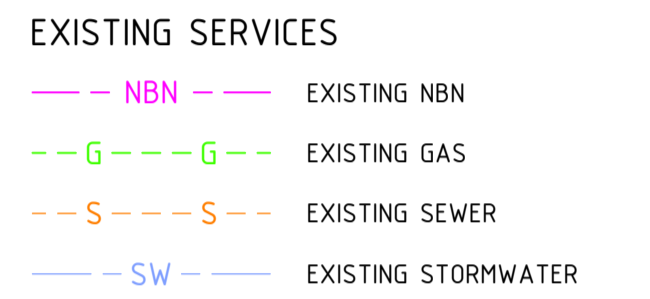
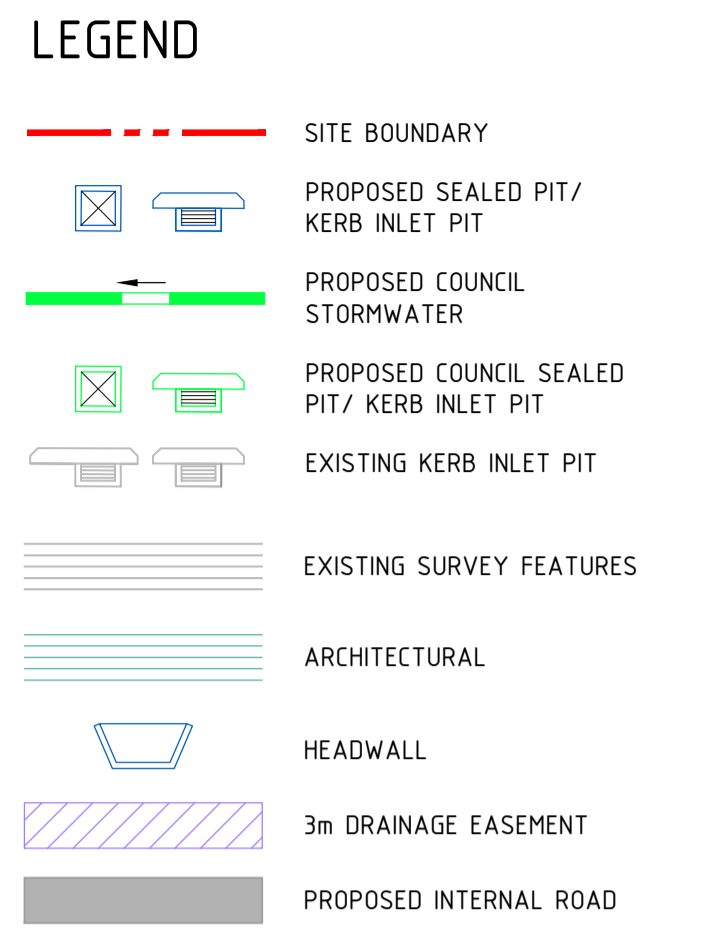
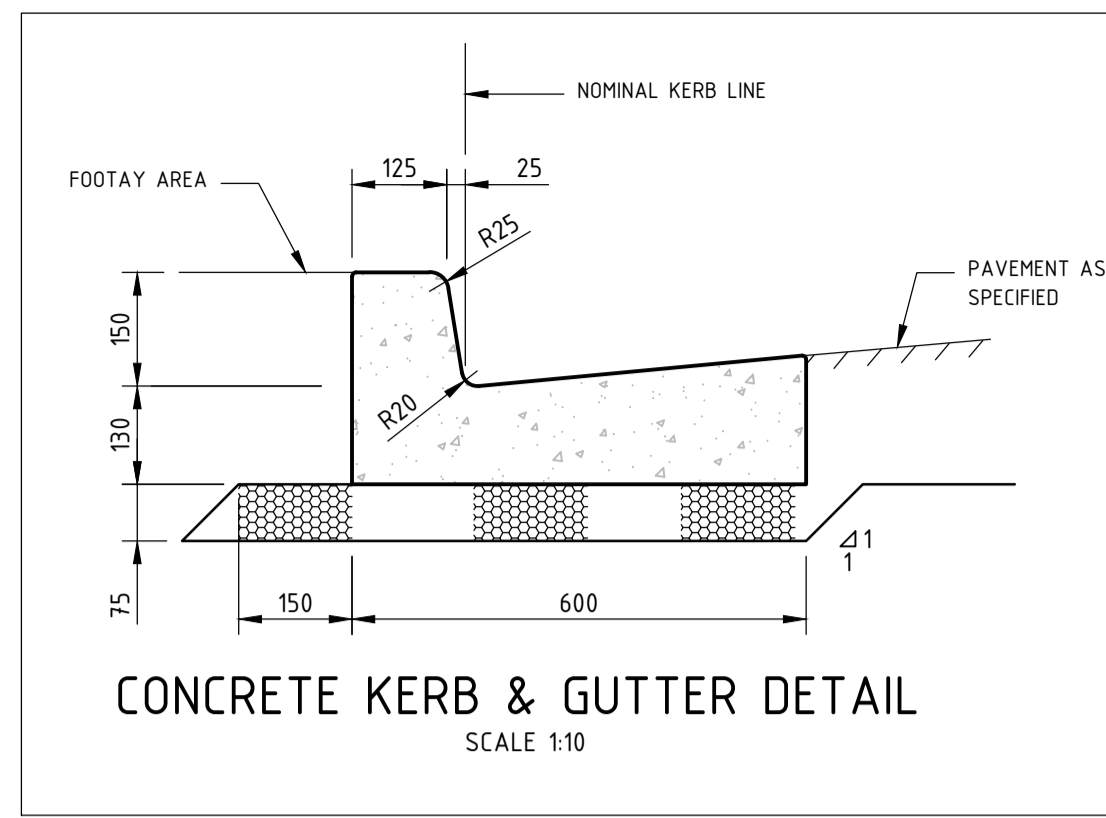
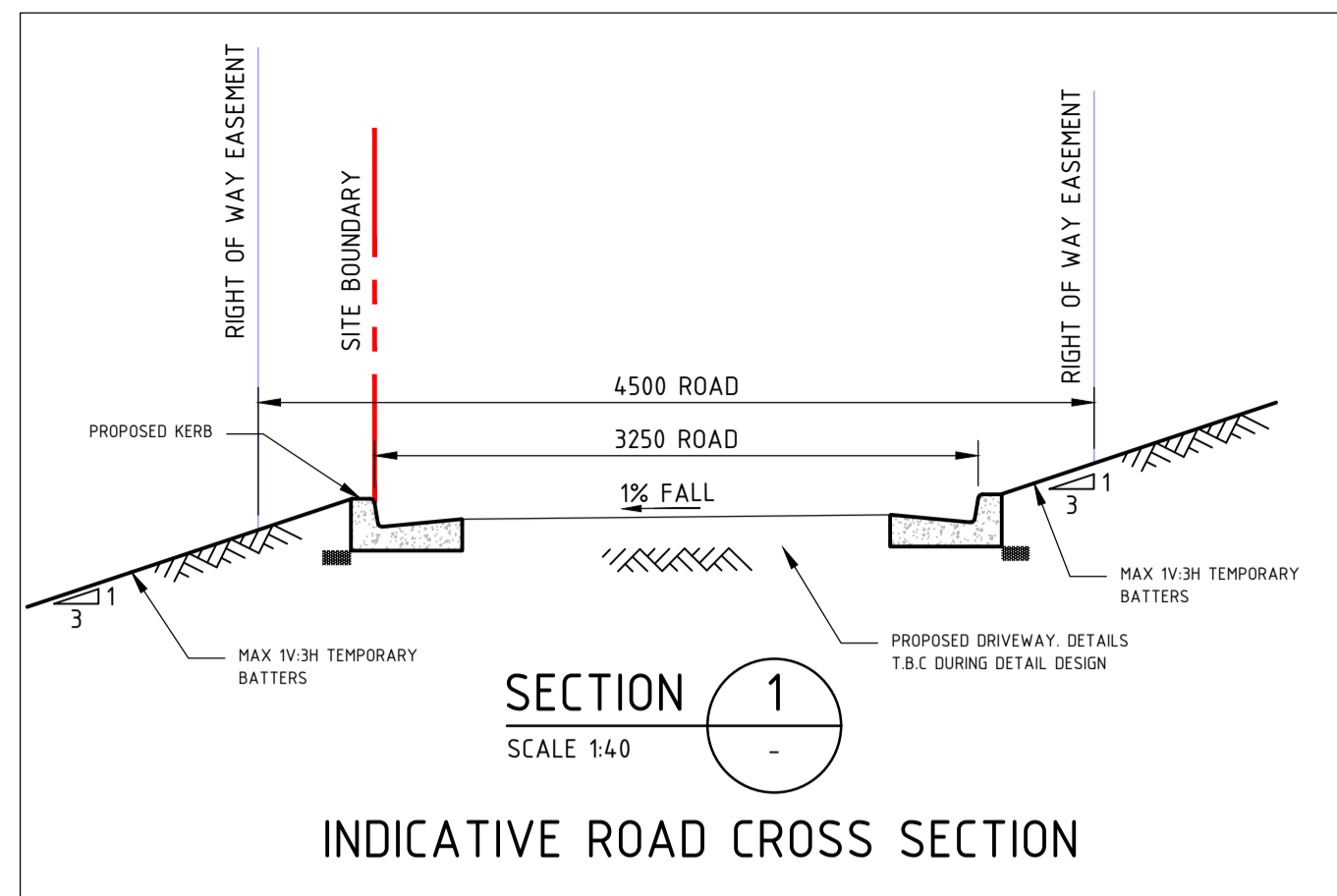
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OVERLAND FLOW PLAN

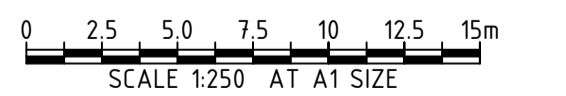
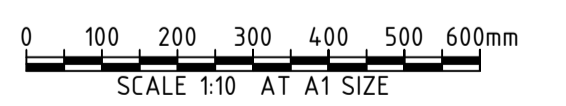
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CROWN LAND LICENCE
No.460612



REV	DATE	DESCRIPTION	RVD	REV	DATE	DESCRIPTION	RVD
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D	27.10.23	ISSUED FOR DEVELOPMENT APPROVAL	SH				
C	09.10.23	ISSUED FOR DEVELOPMENT APPROVAL	SH				
B	19.09.23	ISSUED FOR DEVELOPMENT APPROVAL	SH				
A	12.07.23	ISSUED FOR DEVELOPMENT APPROVAL	SH				

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PROJECT

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STATUS

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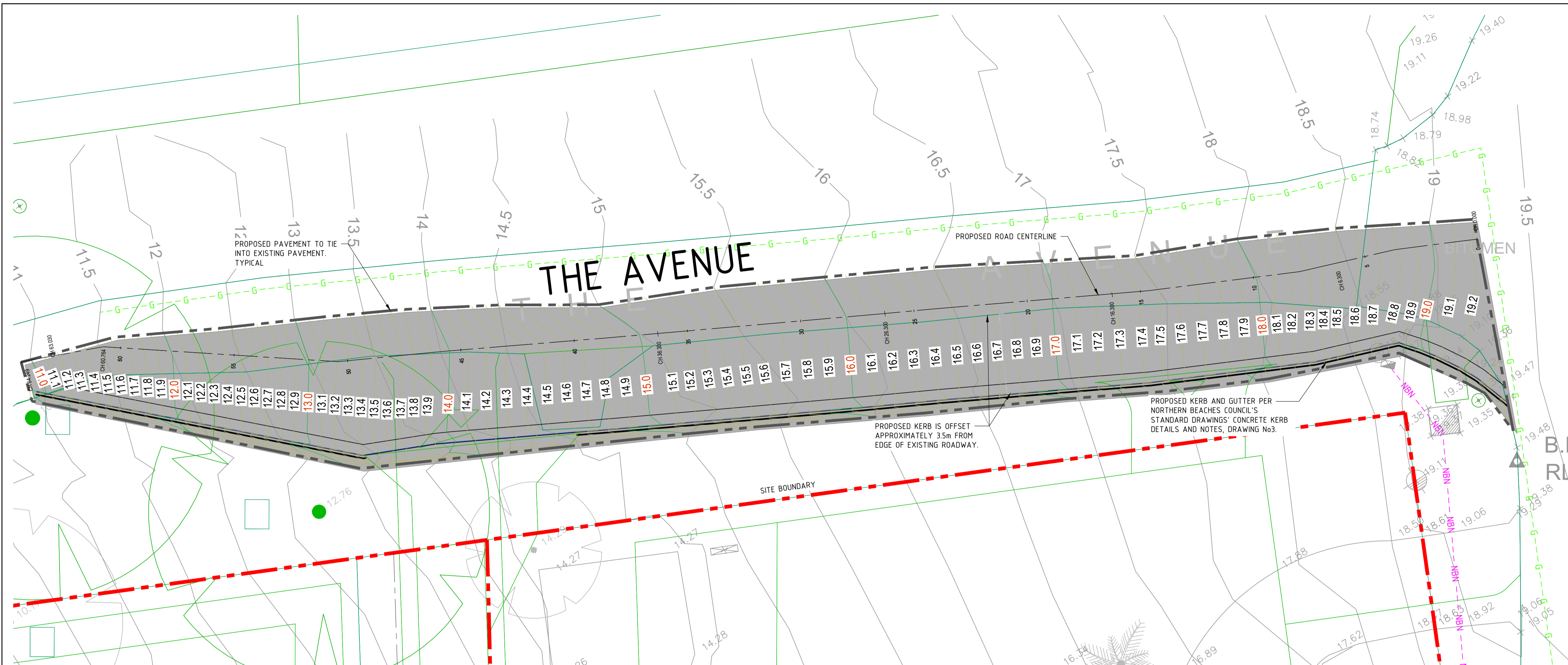
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HA	SM	SH	

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

TITLE

PROPOSED INTERNAL ROAD PLAN

PROJECT No. S22042
DRAWING No. CI-0320
REV E



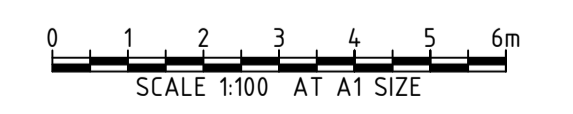
LEGEND

- EXTENT OF WORKS
- Existing Survey Features
- Architectural
- L.O.K
- I.O.K
- T.O.K
- B.O.K
- ROAD CL
- PROPOSED ROADWORKS

EXISTING SERVICES

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

PLAN
SCALE 1:100



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

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DATUM: AHD
GRID: GDA2020 MGA-56
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AT: A1 SIZE

TITLE **GENERAL ROADWORKS PLAN**

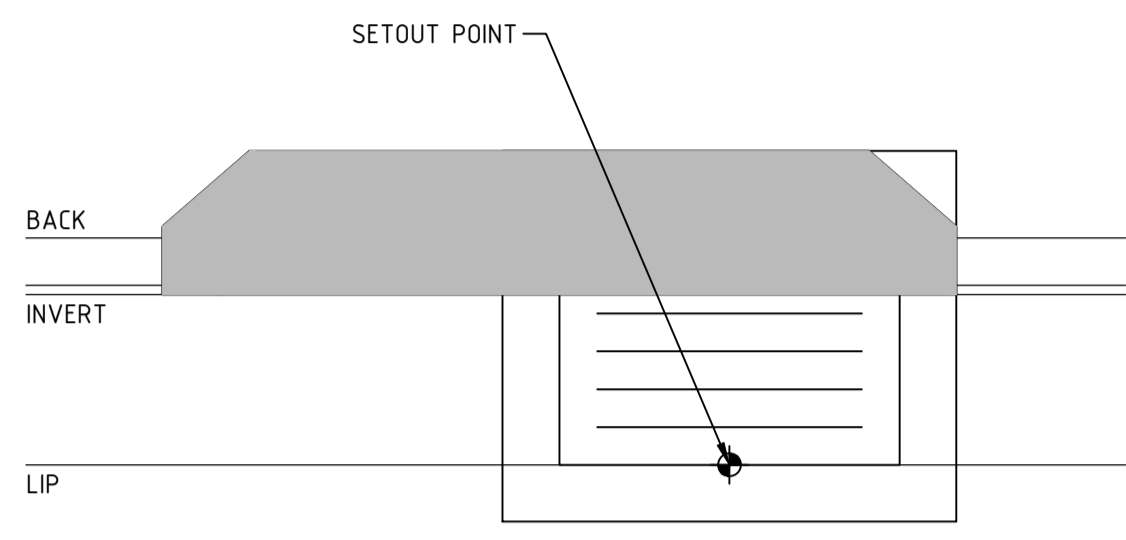
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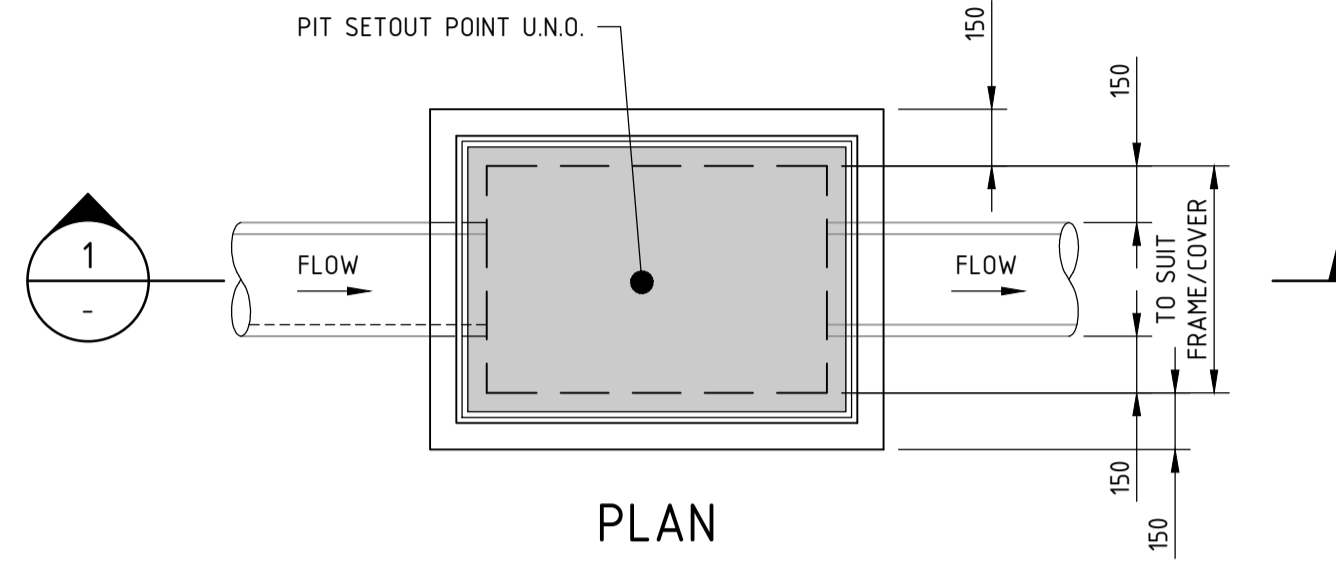
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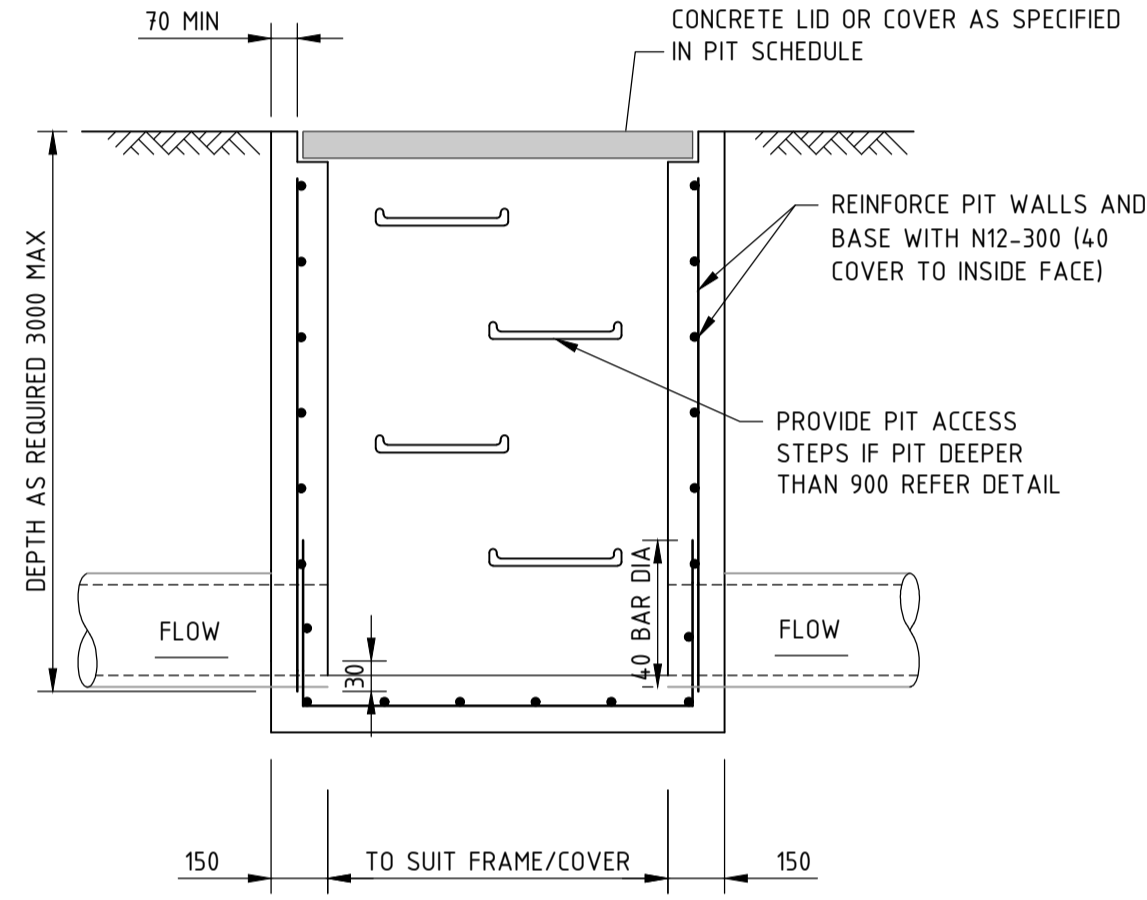
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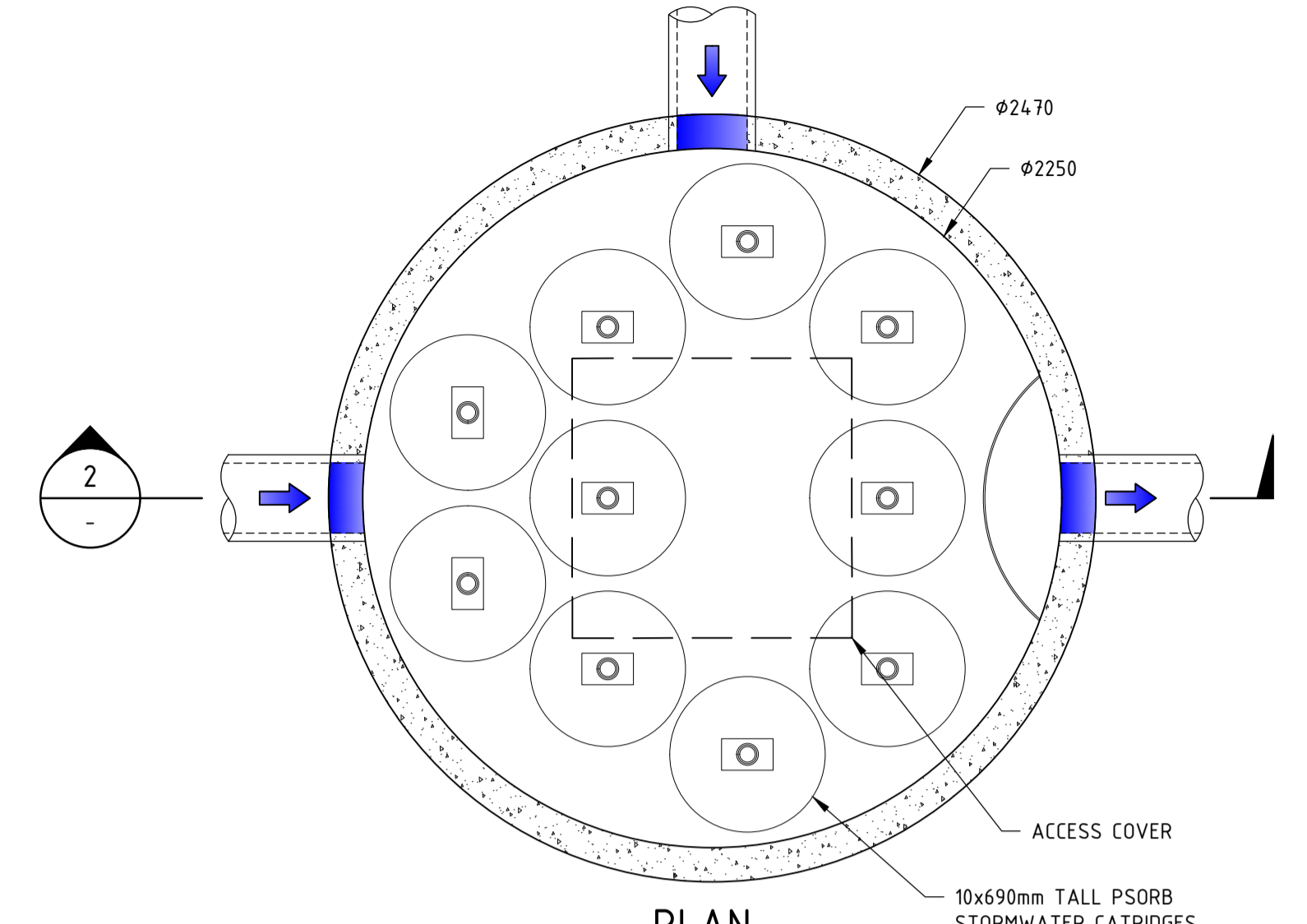
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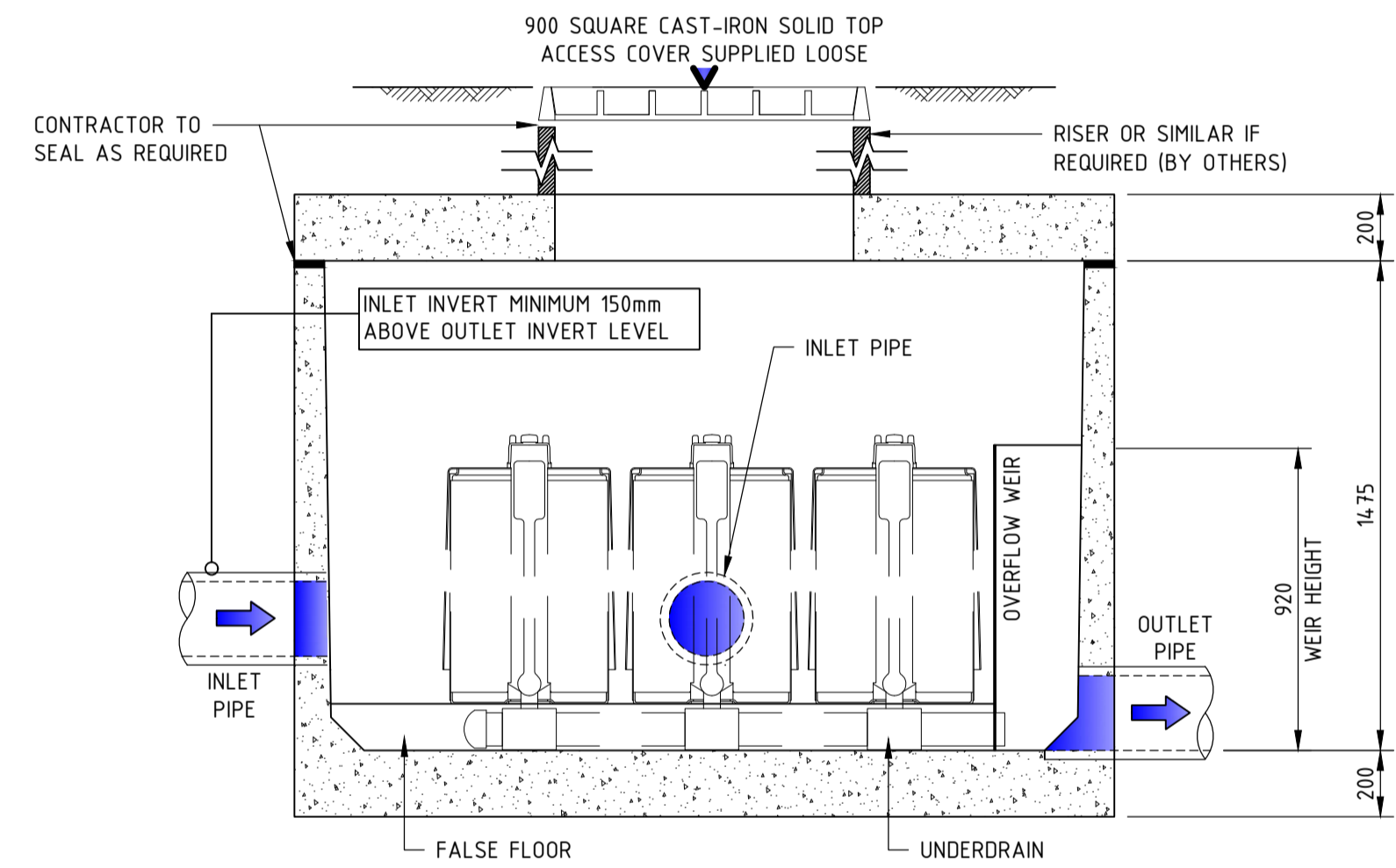
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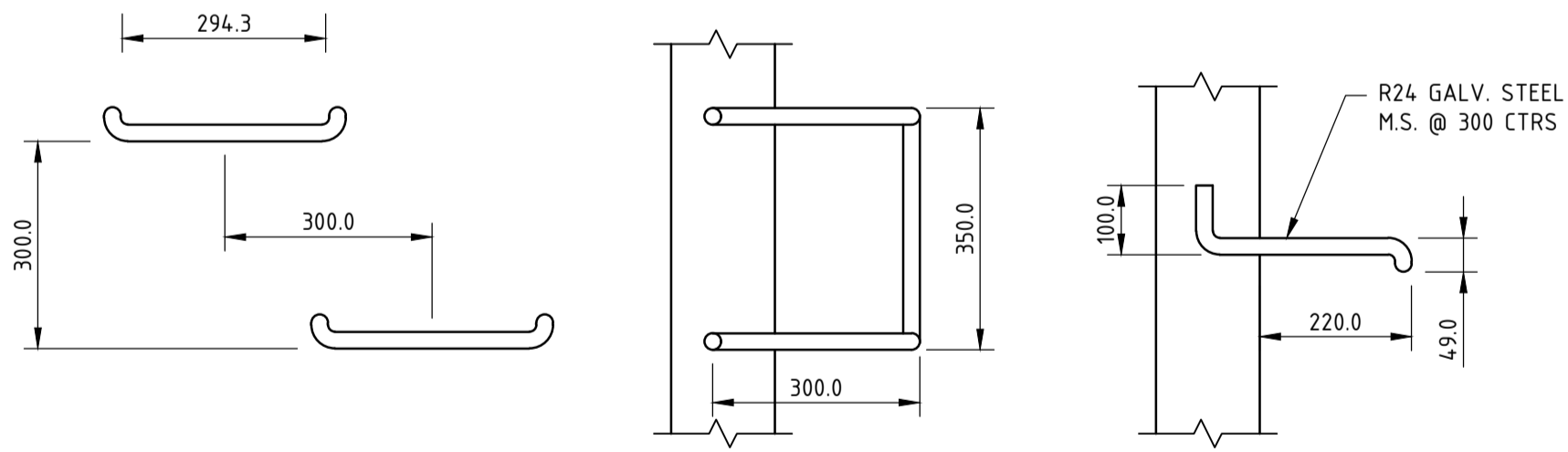
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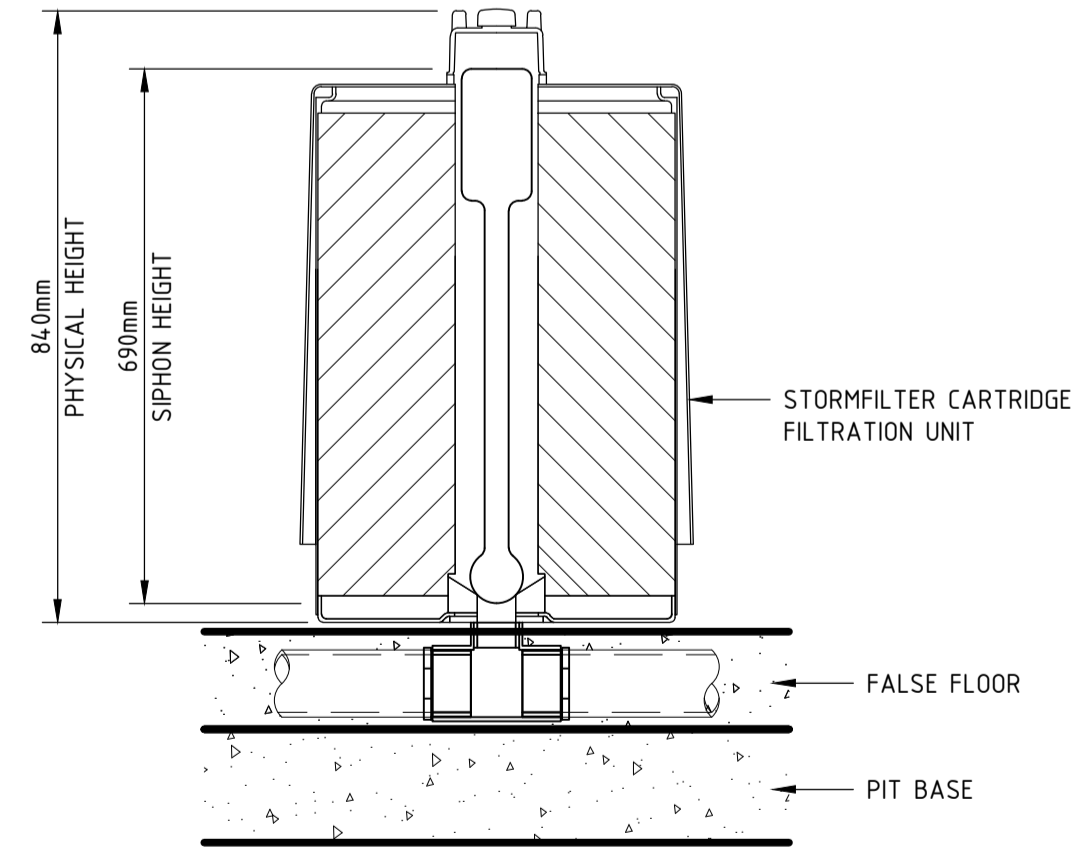
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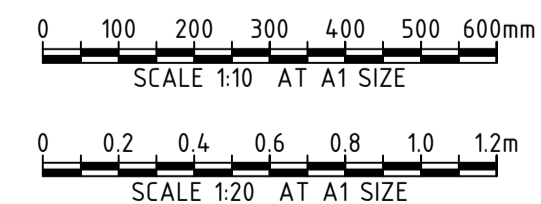
SECTION 2
SCALE 1:20



TYPICAL STEP IRON DETAILS
SCALE 1:10



STORMFILTER CARTRIDGE DETAIL
SCALE N.T.S



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				

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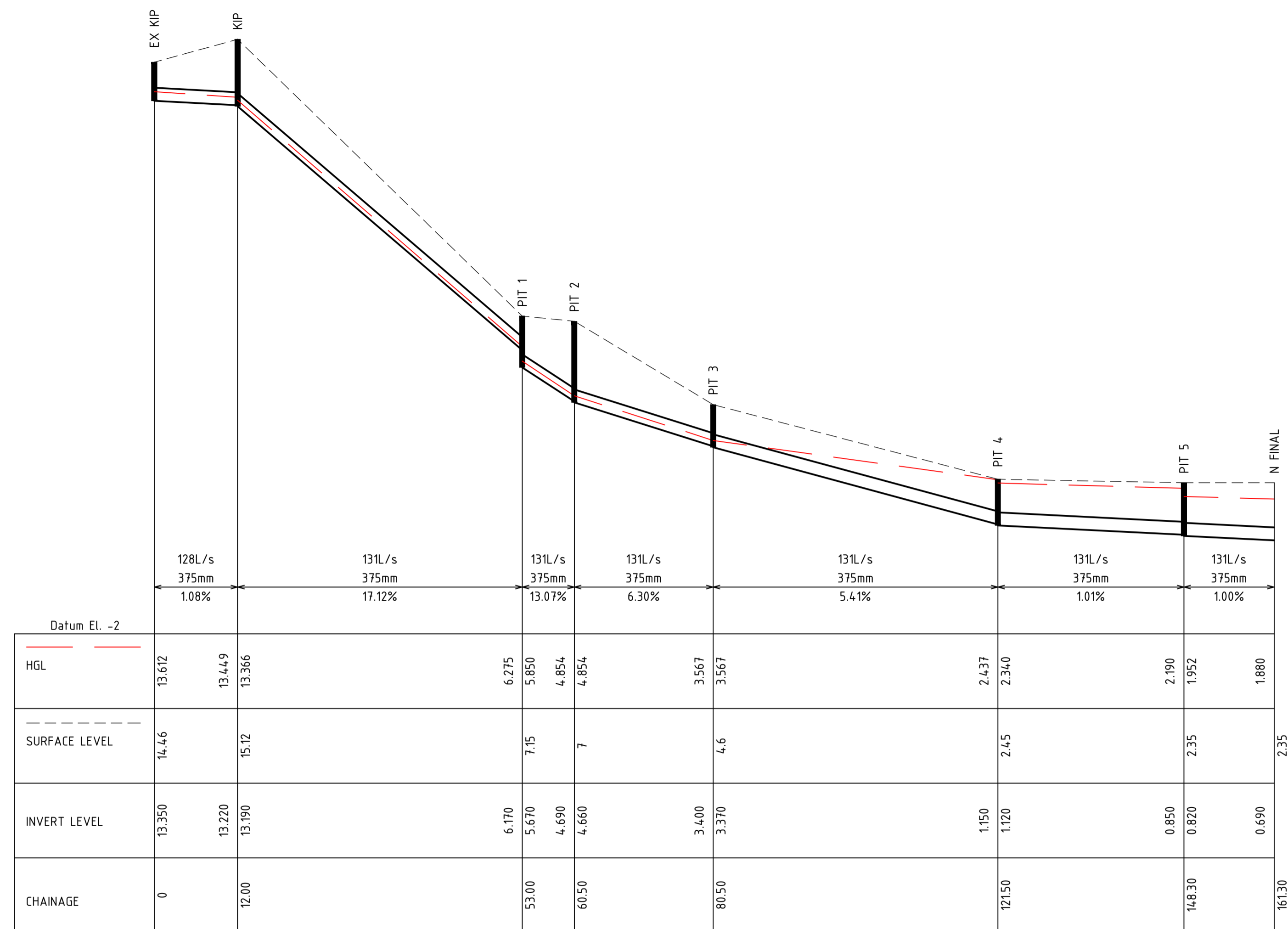
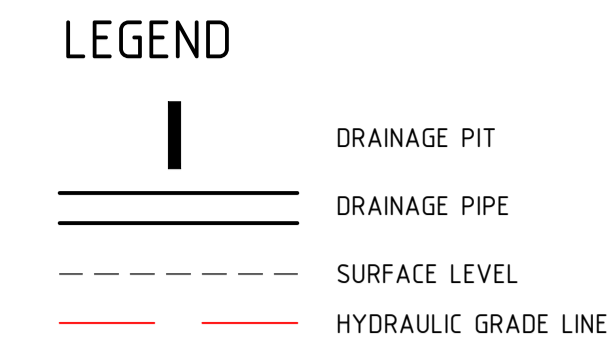
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SCALE: AS SHOWN
AT A1 SIZE

TITLE

DRAINAGE DETAILS

PROJECT No: **S22042**
DRAWING No: **CI-0340**
REV: **B**

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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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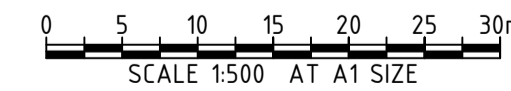
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MGA-56
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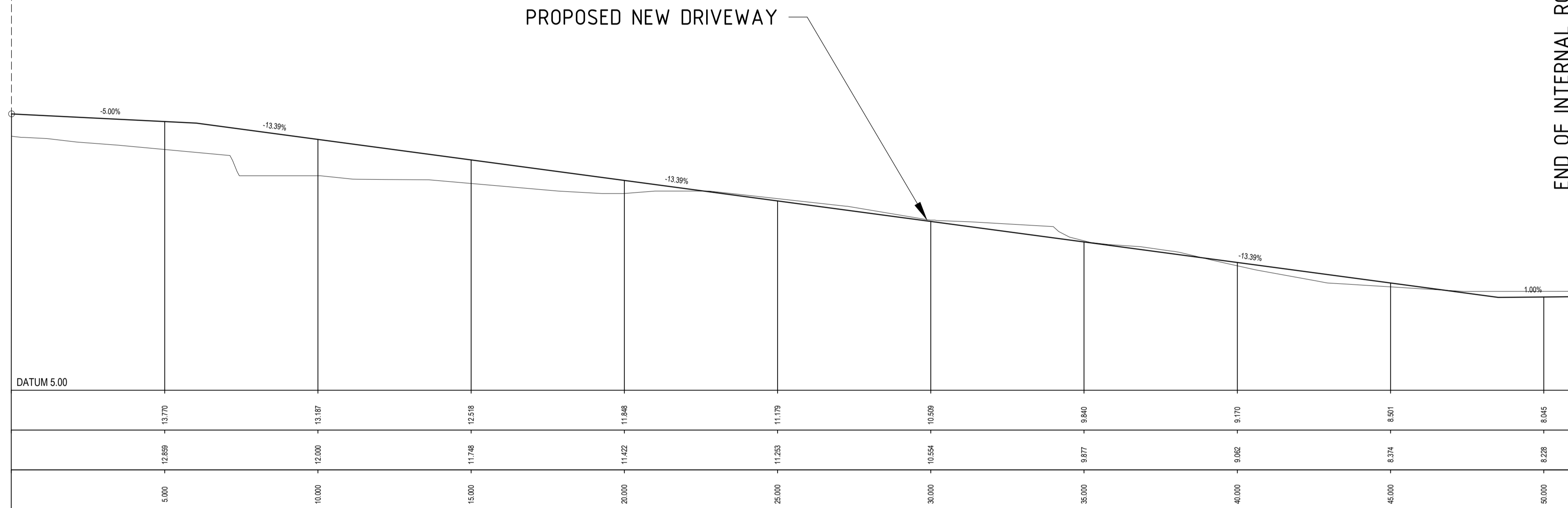
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COUNCIL PIPE DIVERSION
DRAINAGE LONGITUDINAL
SECTION

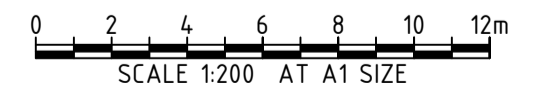
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DRAWING No: CI-0341
REV: B



SITE BOUNDARY



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



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				

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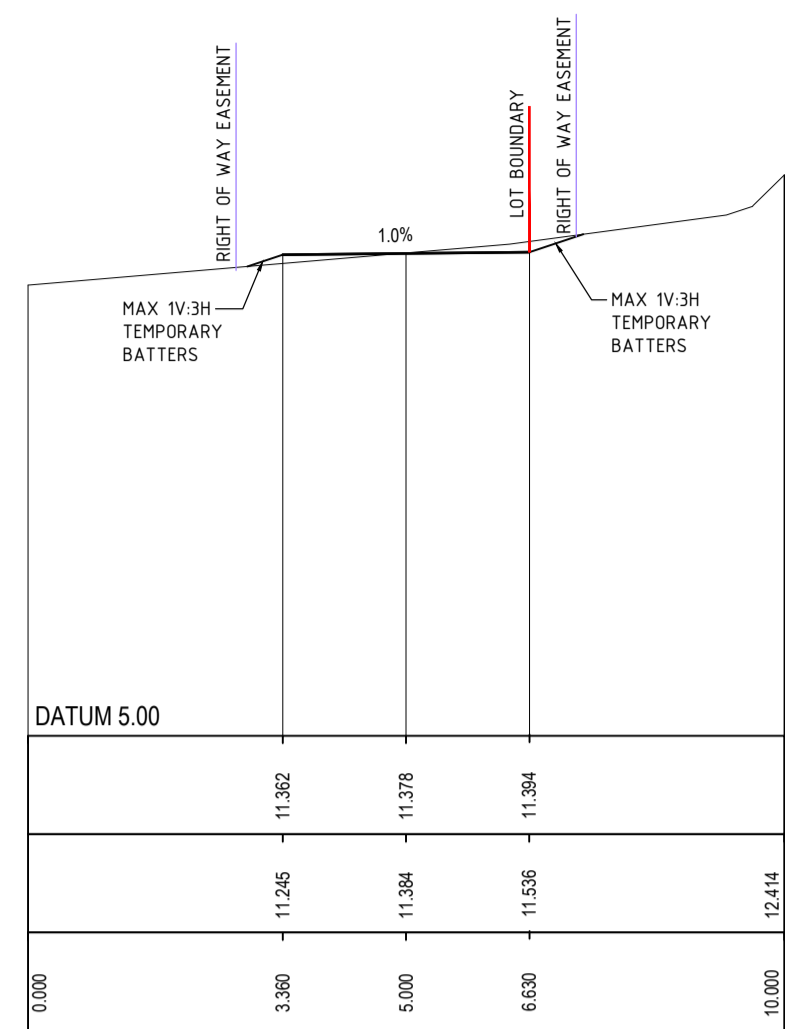
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HA	SM	SH	

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

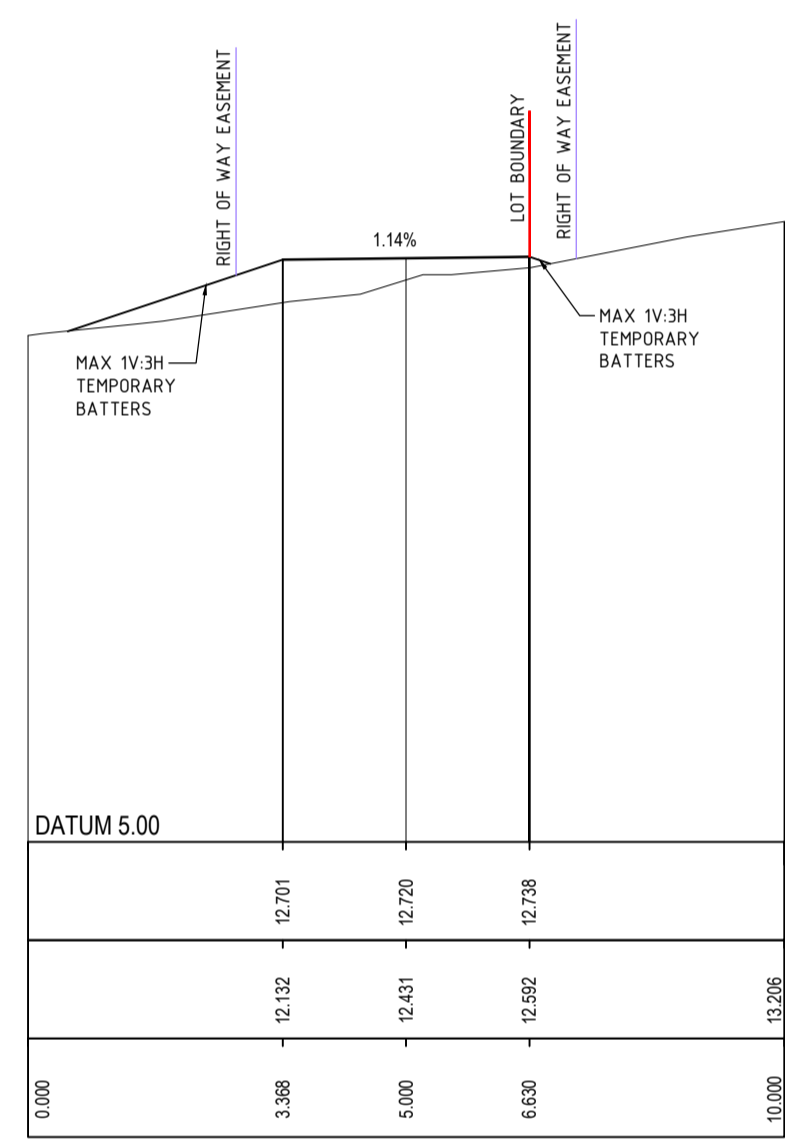
TITLE

INTERNAL DRIVEWAY
LONGITUDINAL SECTIONS-CL01

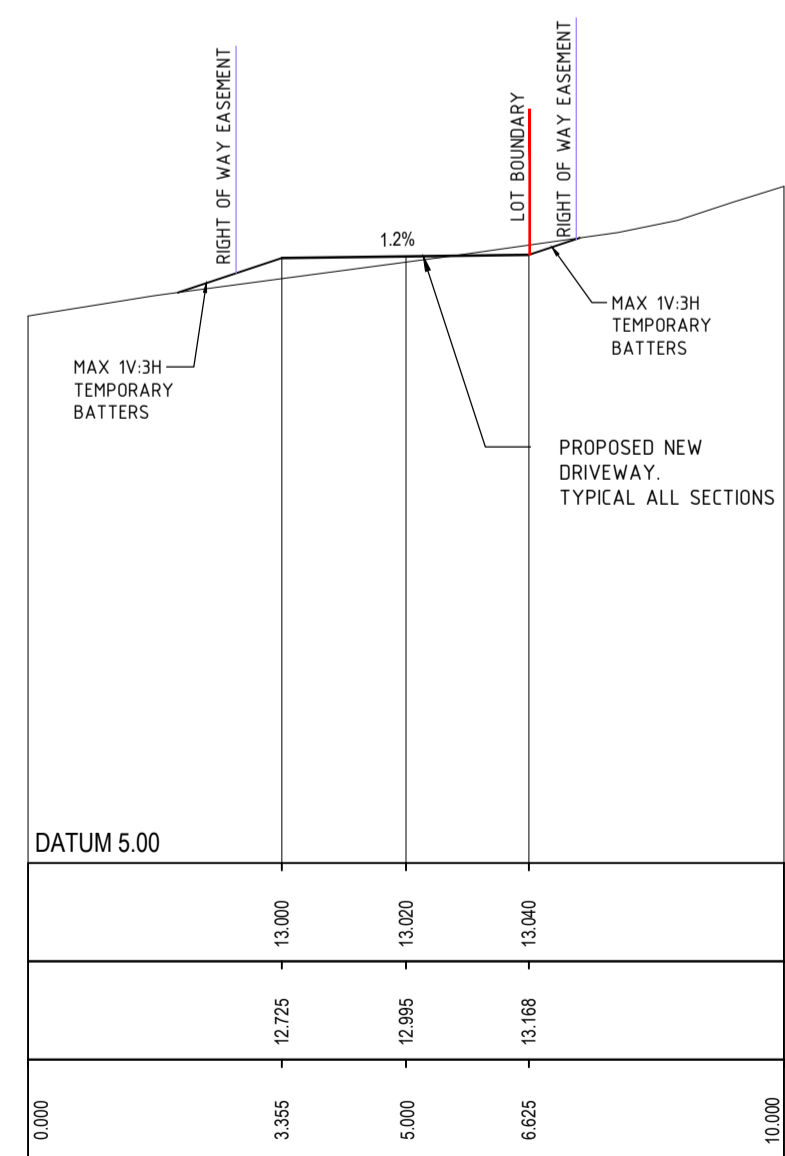
PROJECT No: S22042
DRAWING No: CI-0350
REV: D



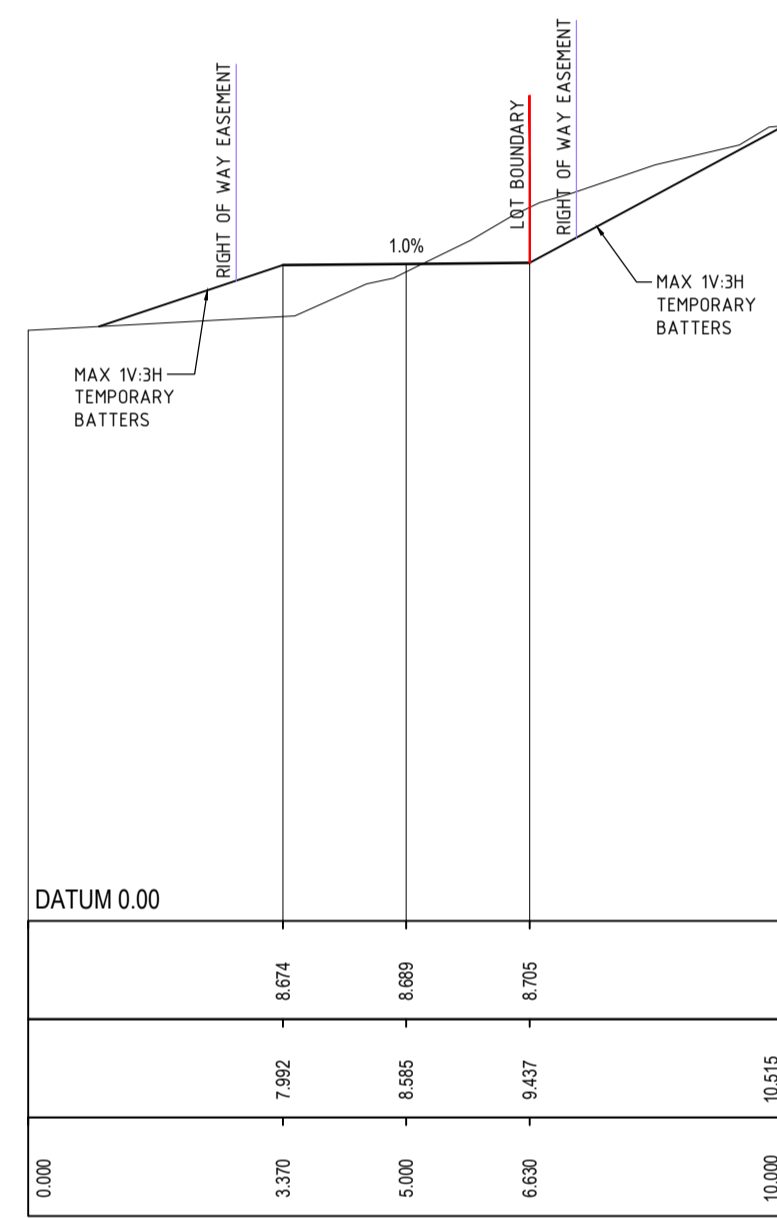
CH 16.00



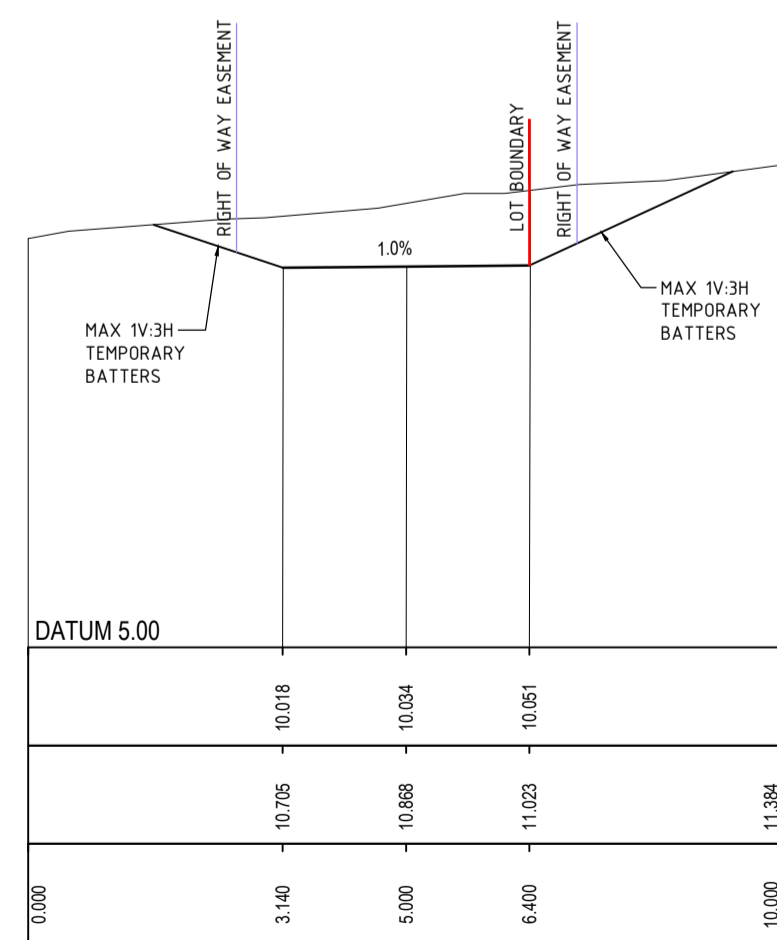
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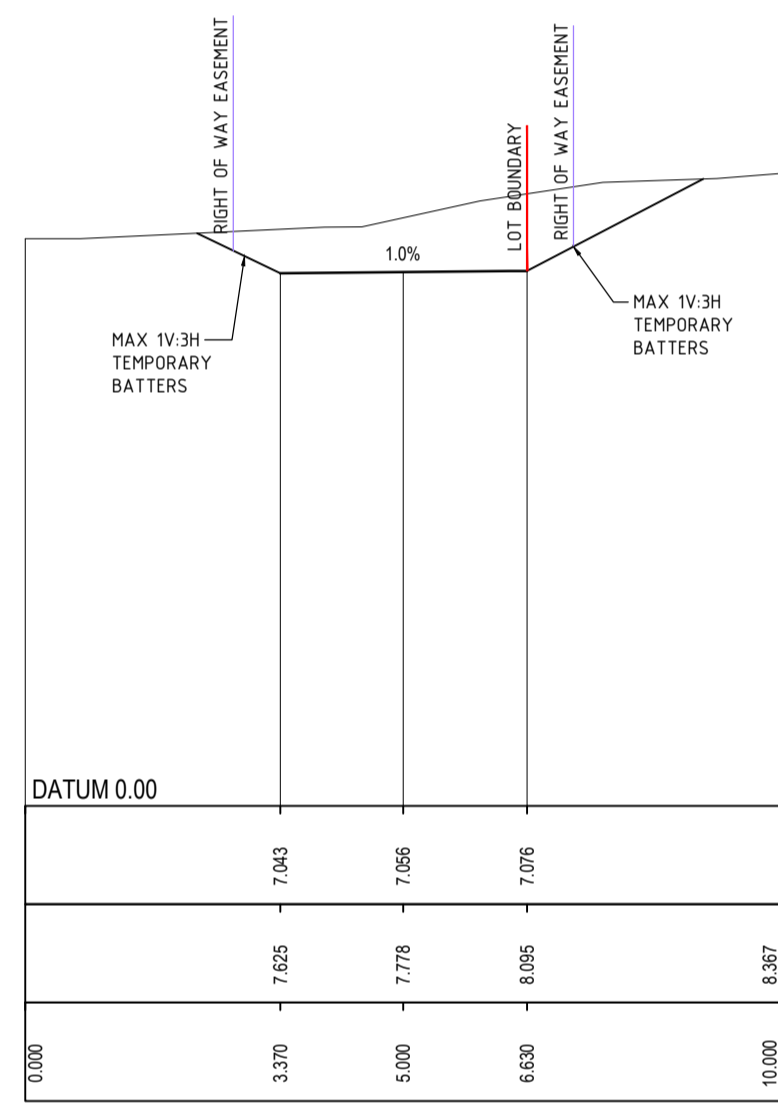
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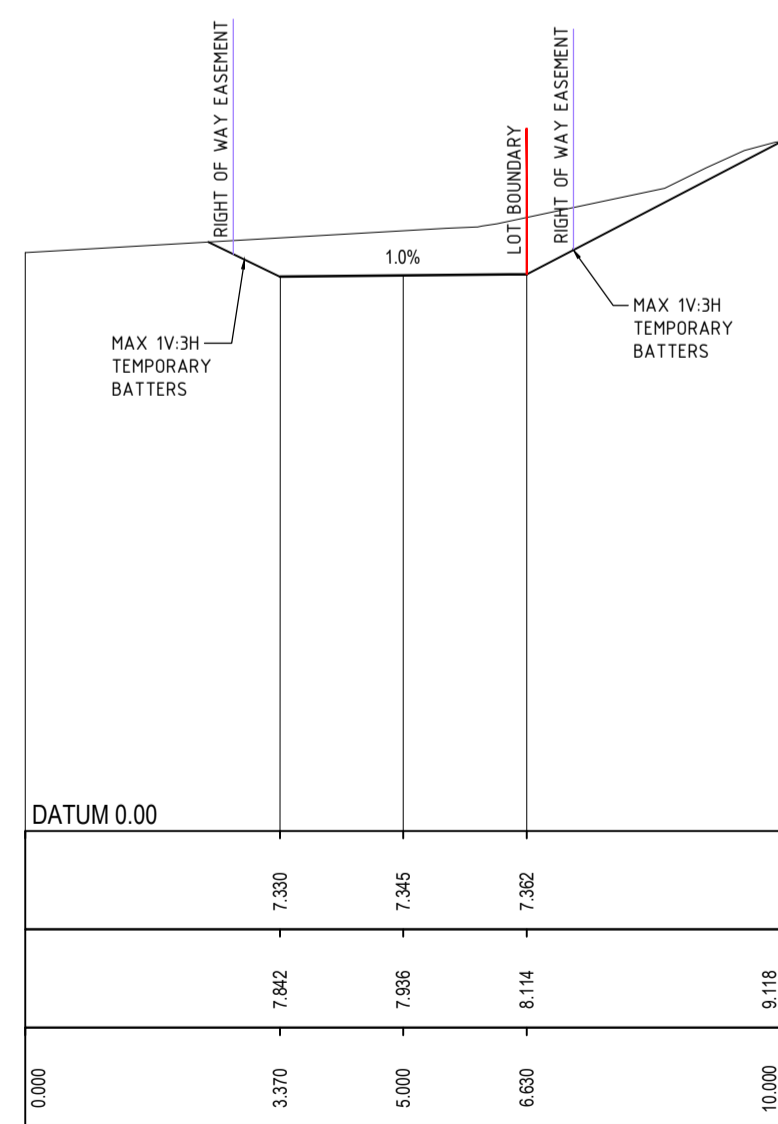
CH 36.00



CH 26.00



CH 51.085



CH 46.00



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

Level One, One Chifley Square Sydney NSW 2000 Australia
www.scottcarver.com.au +61 2 9557 3988

Sydney Office –
L2, 8 Windmill St
Sydney NSW 2000
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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: AHD
GRID: GDA2020
SCALE: MGA-56
SCALE: AS SHOWN

TITLE

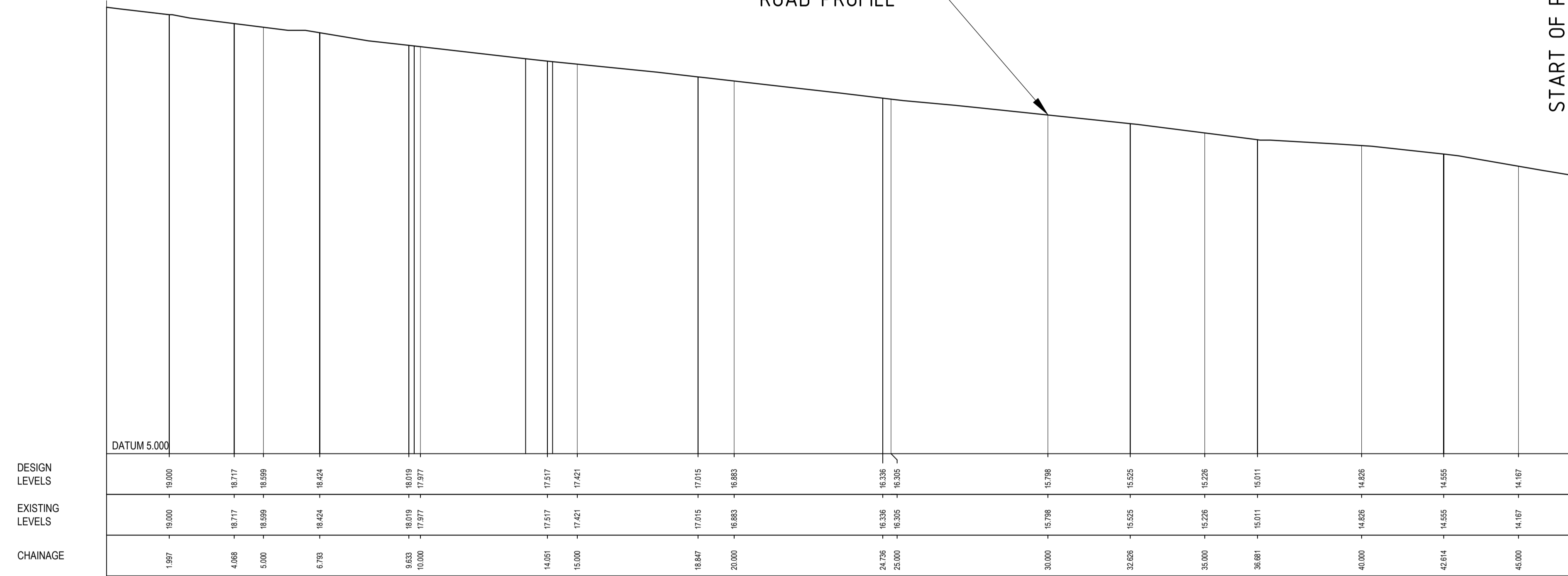
INTERNAL DRIVEWAY
CROSS SECTIONS

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

INTERSECTION OF THE AVENUE
AND CRESCENT ROAD

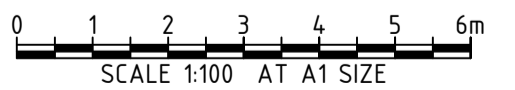
START OF PROPOSED VEHICLE CROSSOVER
FOR PROPOSED INTERNAL ROAD.

THE AVENUE
ROAD PROFILE



LONGITUDINAL SECTION - CL02

SCALE: Hor 1:100 Ver 1:100



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	20.09.23	ISSUED DEVELOPMENT APPROVAL	SH				

CLIENT

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bgeeng.com

PROJECT

NEWPORT MARINA AND
RESIDENTIAL DEVELOPMENT

STATUS

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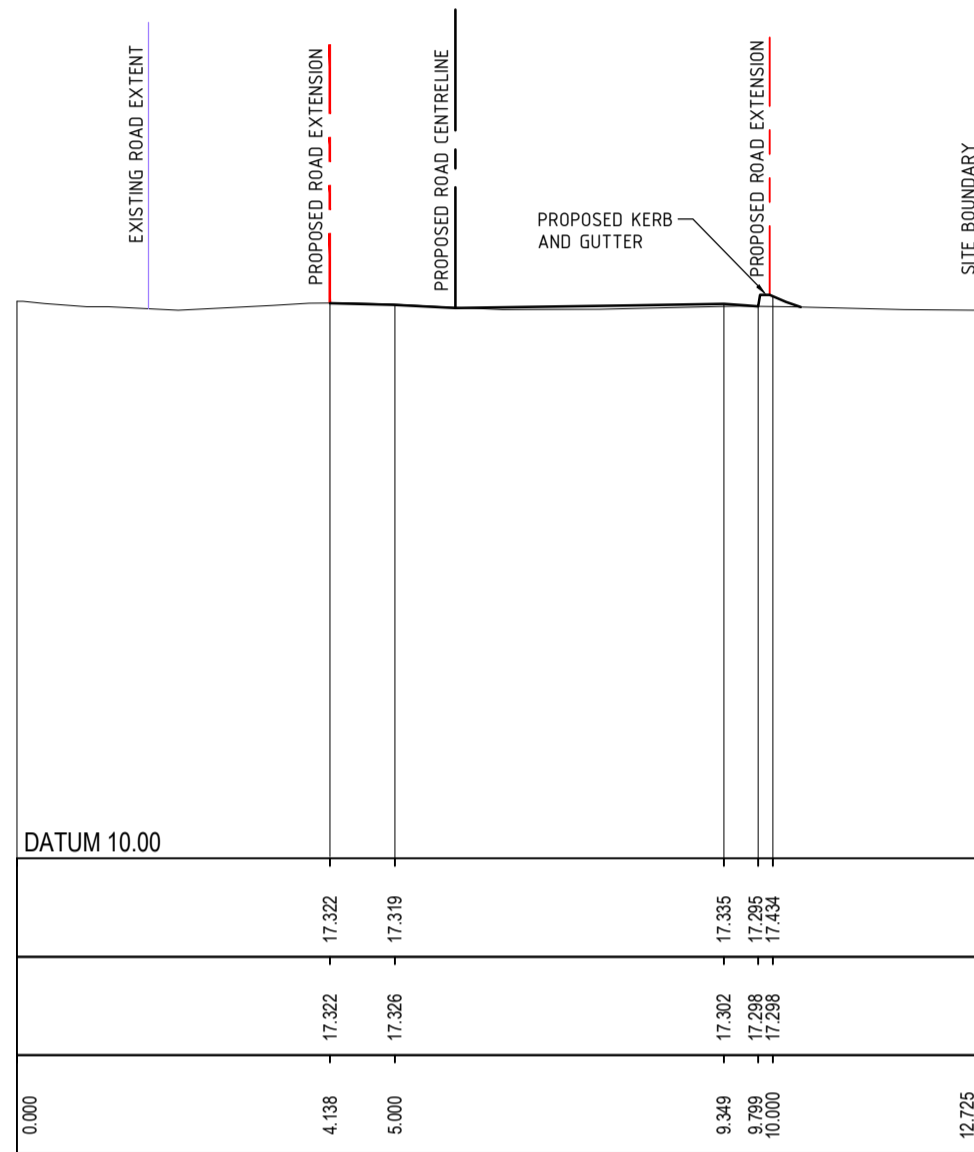
DRAWN	DESIGNED	CHECKED	APPROVED
HA	SM	SH	

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

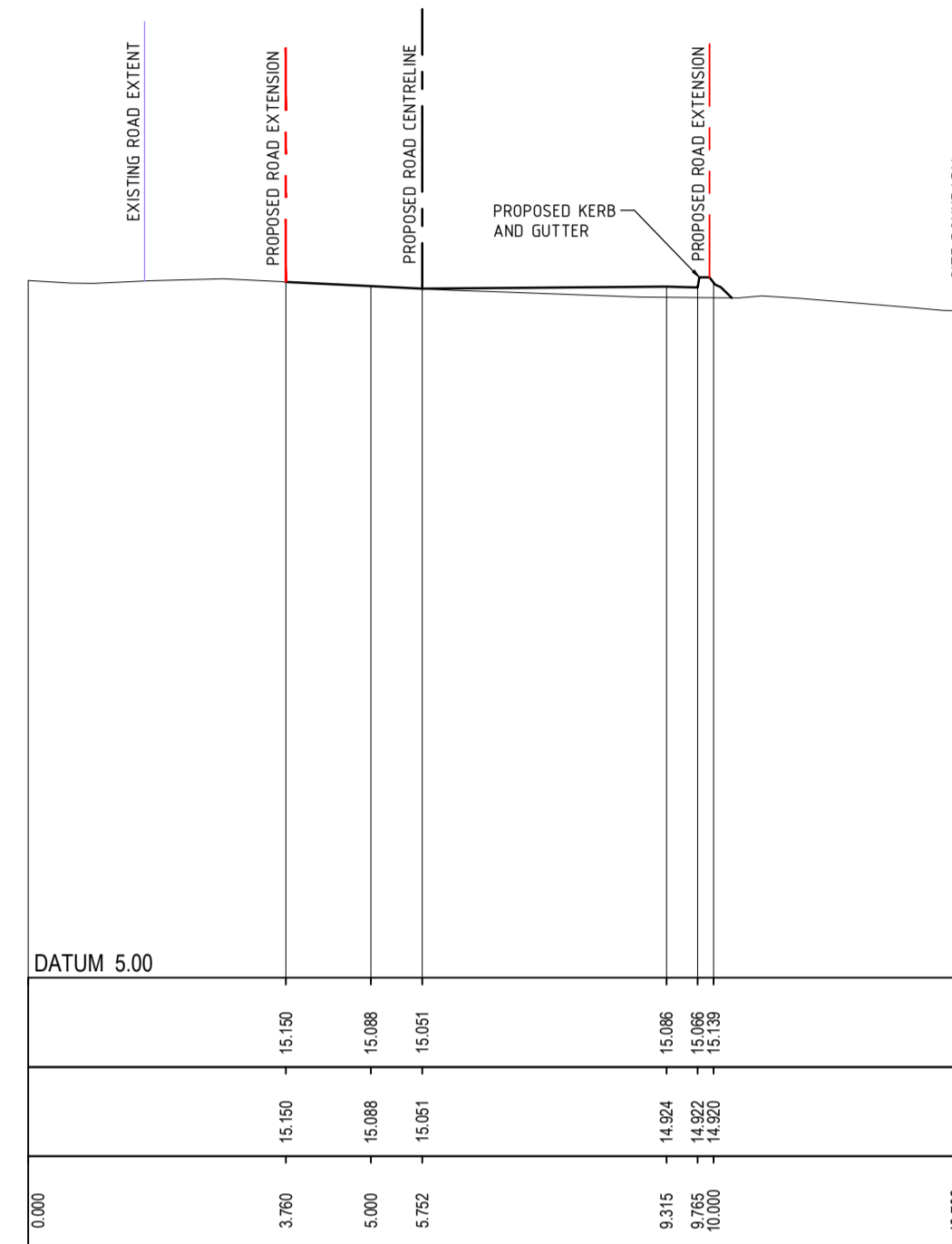
TITLE

THE AVENUE LONGITUDINAL
SECTIONS - CL02

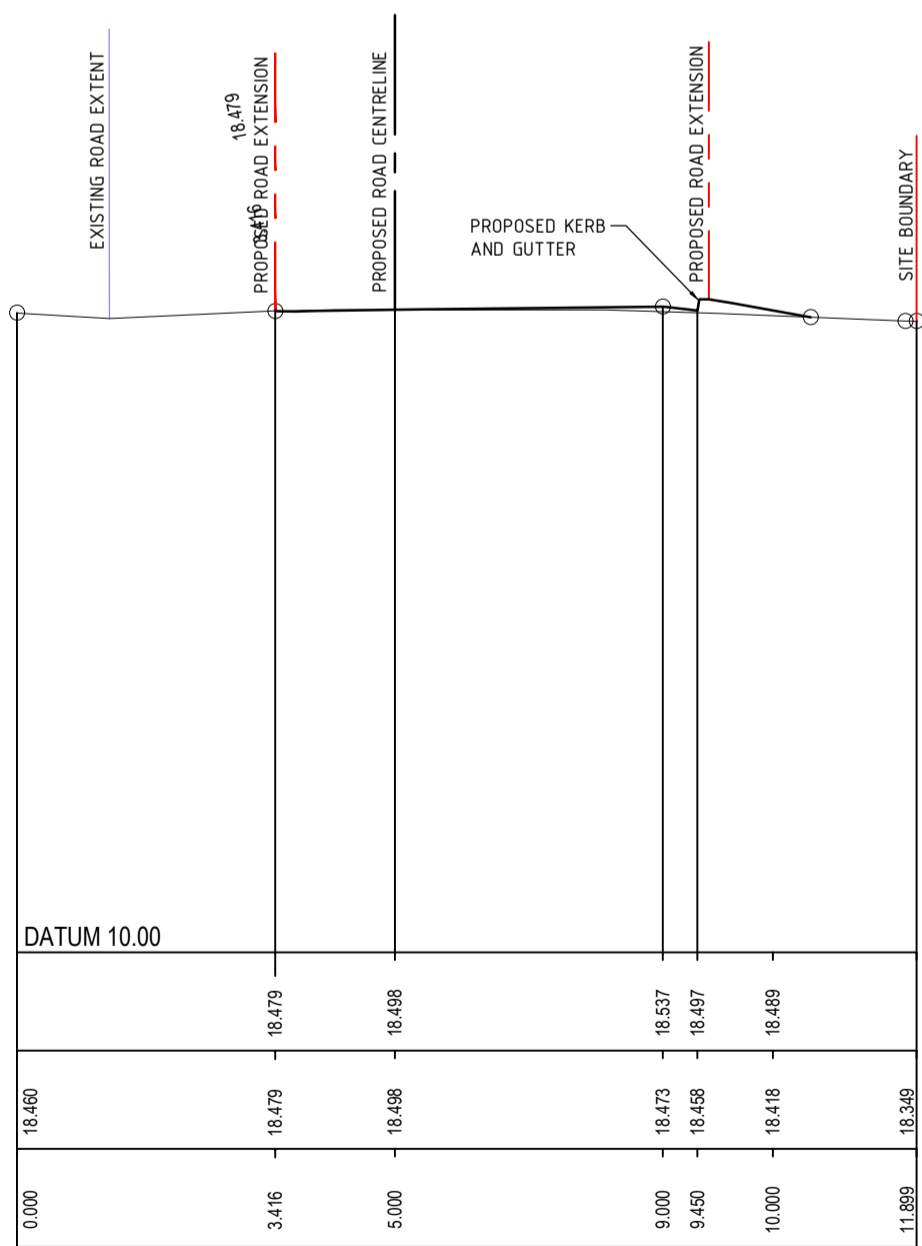
PROJECT No: S22042
DRAWING No: CI-0370
REV: C



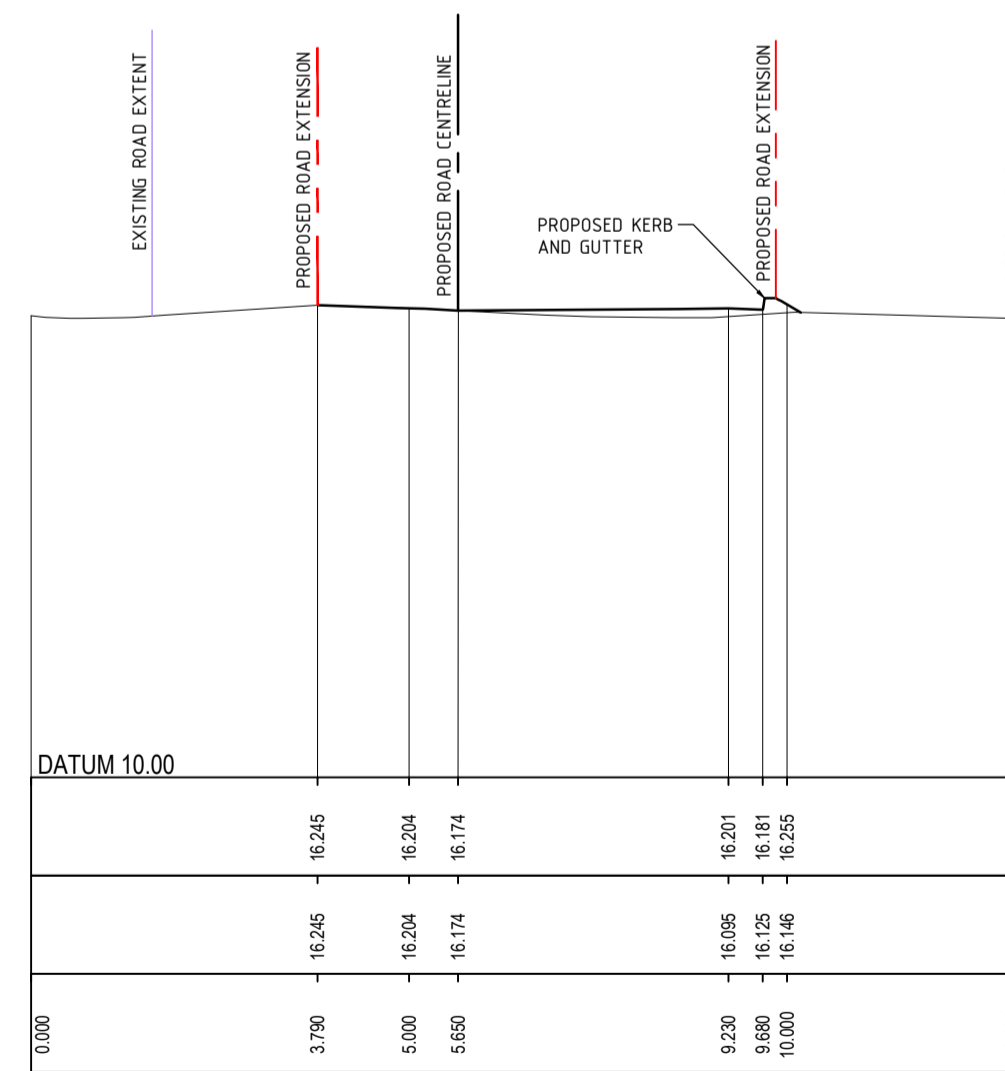
CH 16.30



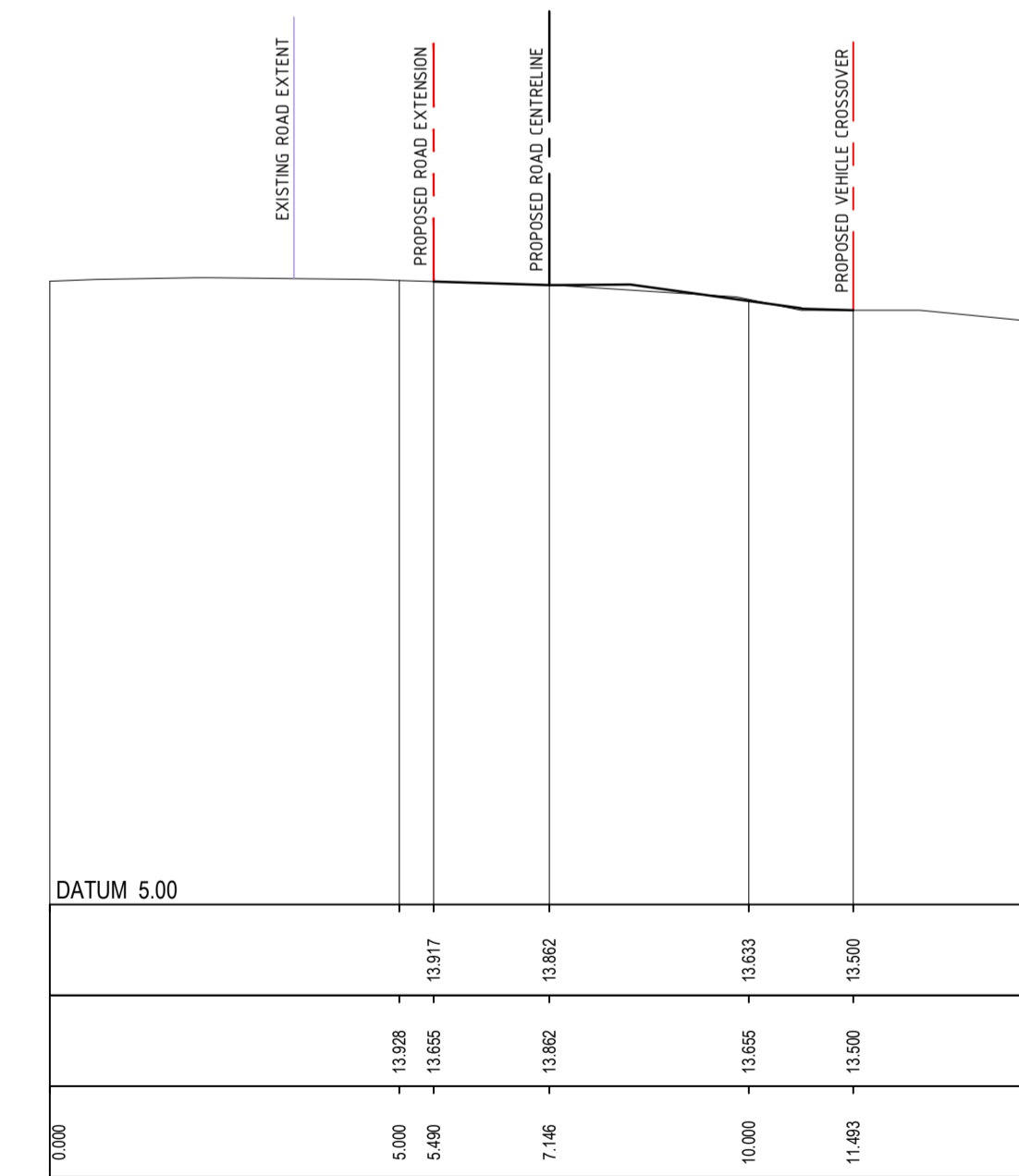
CH 36.30



CH 6.30



CH 26.30



CH 47.779



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				

CLIENT

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bgeeng.com

PROJECT

NEWPORT MARINA AND RESIDENTIAL DEVELOPMENT

STATUS

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NOT TO BE USED FOR CONSTRUCTION

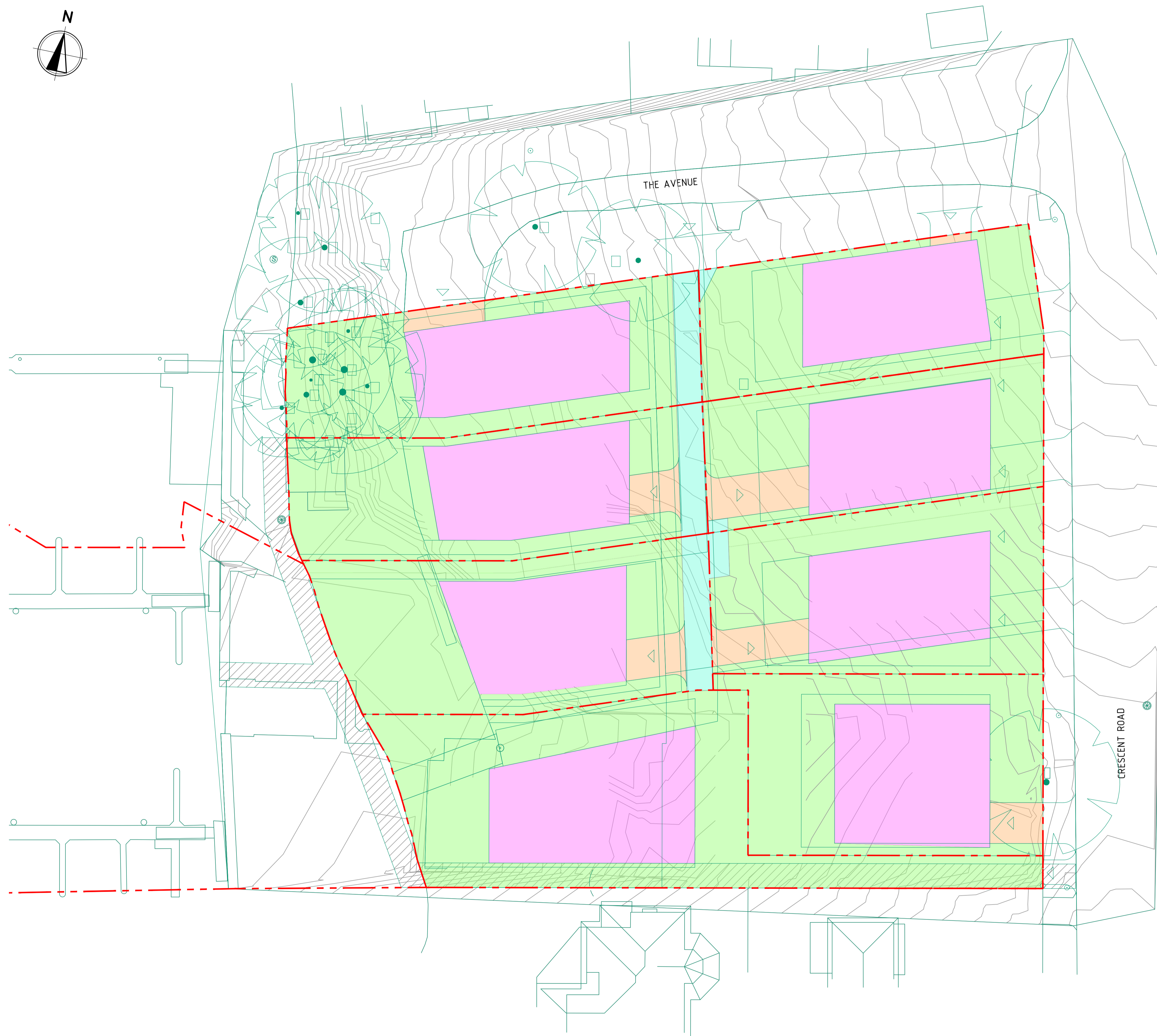
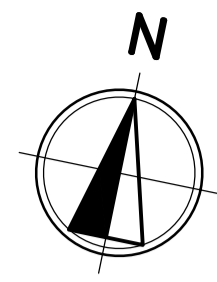
DRAWN	DESIGNED	CHECKED	APPROVED
HA	SM	SH	

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

TITLE

THE AVENUE CROSS SECTIONS

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



LEGEND

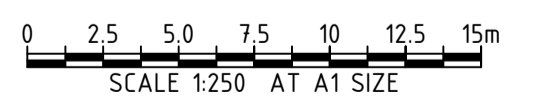
- - - - SITE BOUNDARY
- SURVEY LINE WORK
- ROOF AREA (2438.57m²)
- DRIVEWAY AREA (232.32m²)
- LANDSCAPE AREA (3665.59m²)
- ROAD AREA (188.82m²)
- (TOTAL 6525.3m²)

WATER QUALITY

TREATMENT NODES:
 - STORMFILTER CHAMBER WITH 10xOCEAN PROTECT 690mm PSORB (MCC)
 STORMFILTER CARTRIDGES OR EQUIVALENT PRODUCT.

TREATMENT STANDARDS			
POLLUTANT	POST(kg/yr)	REDUCTION (%)	COUNCIL REQUIREMENTS(%)
GROSS POLLUTANT	0.0	100	90
TOTAL SUSPENDED SOLIDS	48.9	85.2	85
TOTAL PHOSPHORUS	0.217	77.6	65
TOTAL NITROGEN	4.19	56.6	45

STORMWATER DRAINAGE REQUIREMENTS HAVE BEEN CALCULATED IN ACCORDANCE WITH NORTHERN BEACHES COUNCIL'S WSUD & MUSIC MODELLING GUIDELINES.



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	12.07.23	ISSUED FOR DEVELOPMENT APPROVAL	SH				



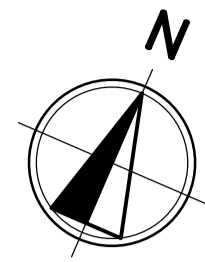
Sydney Office –
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 Sydney NSW 2000
 P / +61 2 9770 3300 E / info@bgeeng.com
 bgeeng.com

BG & E
 NEWPORT MARINA AND
 RESIDENTIAL DEVELOPMENT

STATUS			
ISSUED FOR APPROVAL			
NOT TO BE USED FOR CONSTRUCTION			
DRAWN	DESIGNED	CHECKED	APPROVED
JL	AM	SH	
DATUM	GRID	SCALE	
AHD	GDA2020 MGA-56	1:250	

TITLE		
MUSIC CATCHMENT PLAN		
PROJECT No.	DRAWING No.	REV
S22042	CI-0380	C

\\BGS\2023\03\PROJECTS\BGS\570152264\585\PARINA100\DRAW\100\2\CIVIL\AUTOCAD\52264-0380-CI-0380.DWG
 23/10/2023 12:39:54 PM



LEGEND

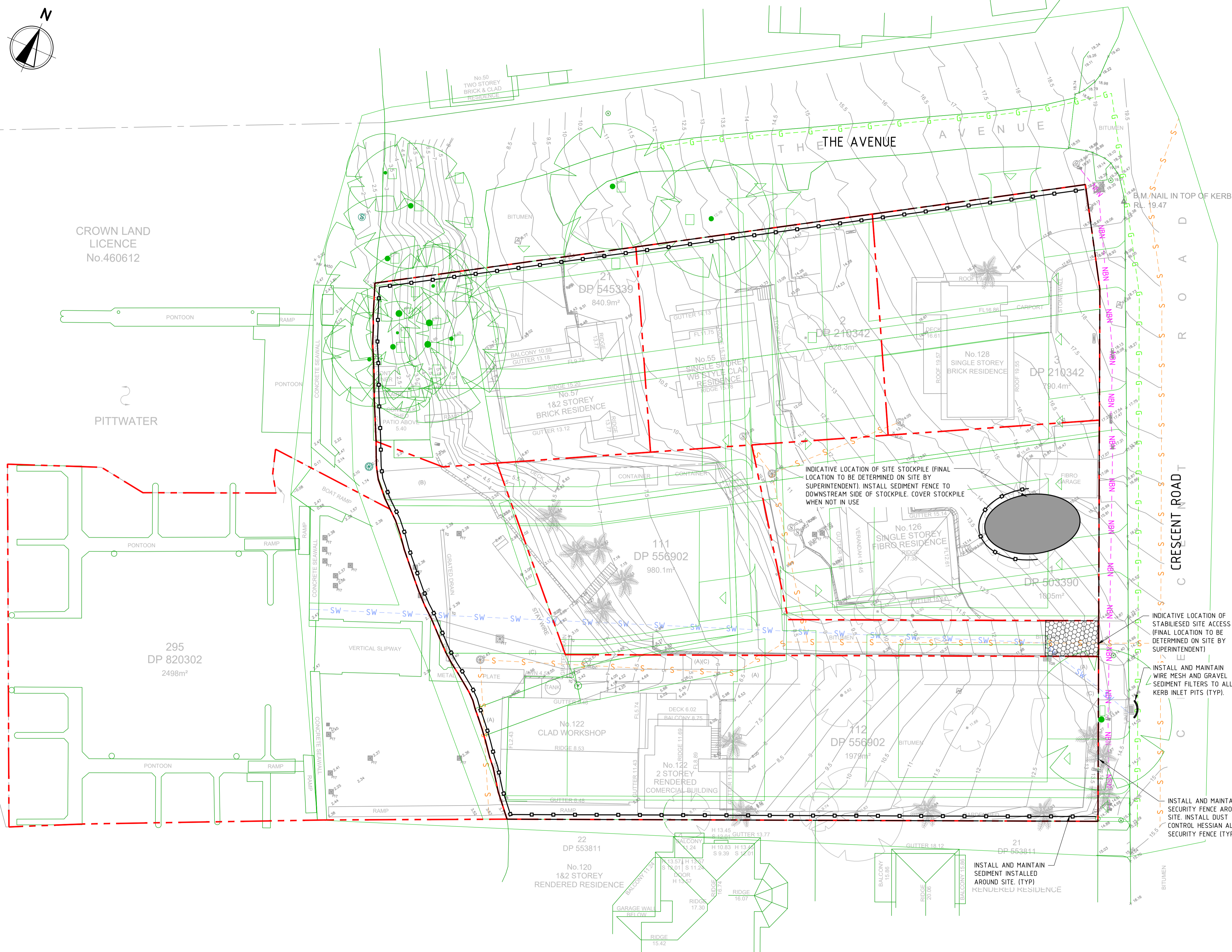
- SITE BOUNDARY
- STABILISED SITE ACCESS
- SEDIMENT FENCE
- SECURITY FENCE
- SUGGESTED TEMPORARY STOCKPILE LOCATION
- GROUND FLOOR ARCHITECTURAL
- MESH & GRAVEL INLET FILTER

EXISTING SERVICES

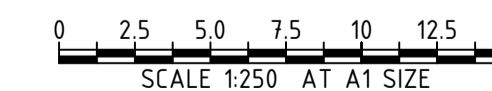
- NBN EXISTING NBN
- G EXISTING GAS
- S EXISTING SEWER
- SW EXISTING STORMWATER

NOTES

1. REFER DRAWING CI-0710 FOR EROSION AND SEDIMENT CONTROL DETAILS.
2. CONTRACTOR TO ENSURE SITE DRAINAGE IS NOT ADVERSELY IMPACTED DURING CONSTRUCTION.
3. CONTRACTOR TO PROVIDE 'SANDBAG SEDIMENT TRAP' TO ALL PAVED / ROAD AREAS (BOTH PROPOSED AND EXISTING) IN ACCORDANCE WITH THE 'BLUE BOOK'.
4. CONTRACTOR TO PROVIDE 'GEOTEXTILE INLET FILTER TRAPS' TO ALL STORMWATER DRAINAGE INLETS (BOTH PROPOSED AND EXISTING) IN ACCORDANCE WITH THE 'BLUE BOOK'.
5. INSTALL AND MAINTAIN SANDBAG FILTERS ACROSS ALL PAVEMENT INTERFACES.



PLAN
SCALE 1:250



REV	DATE	DESCRIPTION	REVISIONS	RVD	REV	DATE	DESCRIPTION	REVISIONS	RVD
D	27.10.23	ISSUED FOR DEVELOPMENT APPLICATION	SH						
C	09.10.23	ISSUED FOR DEVELOPMENT APPROVAL	SH						
B	12.07.23	ISSUED FOR DEVELOPMENT APPROVAL	SH						
A	31.05.22	ISSUED FOR DEVELOPMENT APPROVAL	SH						

CLIENT

ARCHITECT

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PROJECT

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Sydney NSW 2000
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bgeeng.com

PROJECT

NEWPORT MARINA AND RESIDENTIAL DEVELOPMENT

STATUS

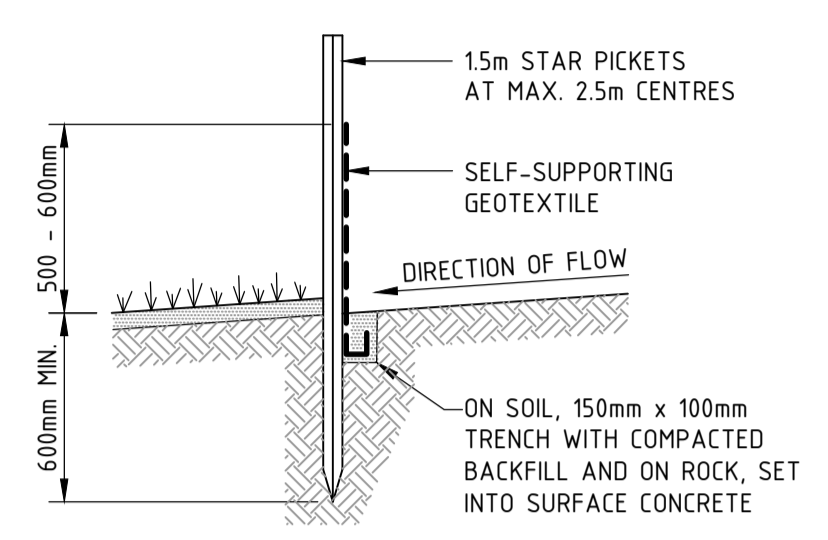
ISSUED FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

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

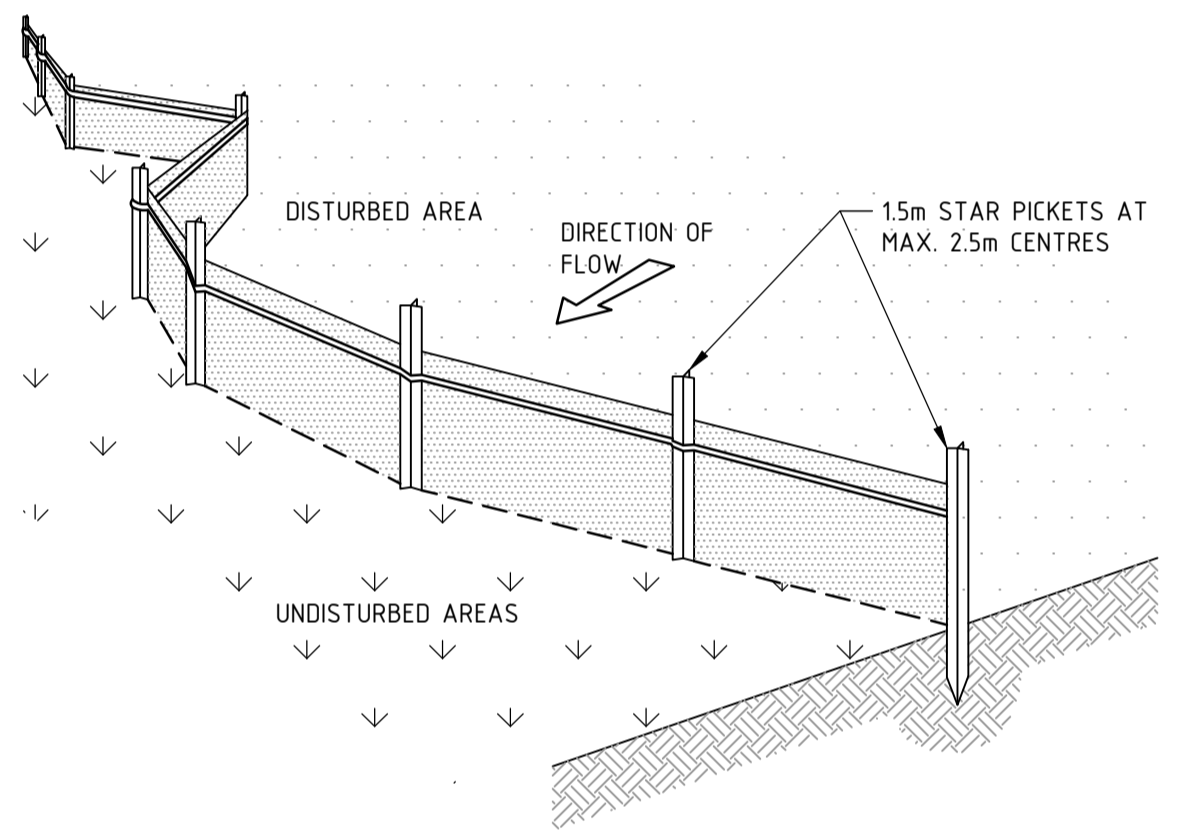
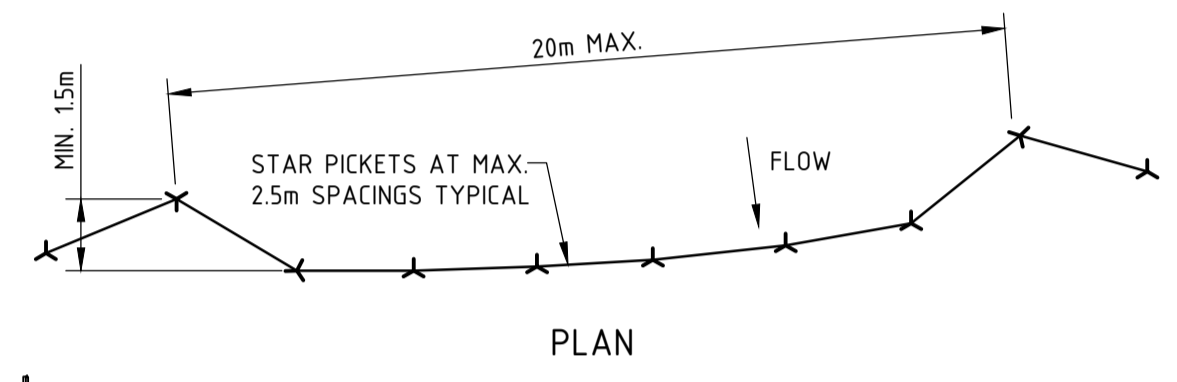
TITLE

EROSION AND SEDIMENT CONTROL PLAN

PROJECT No.	DRAWING No.	REV
S22042	CI-0700	D

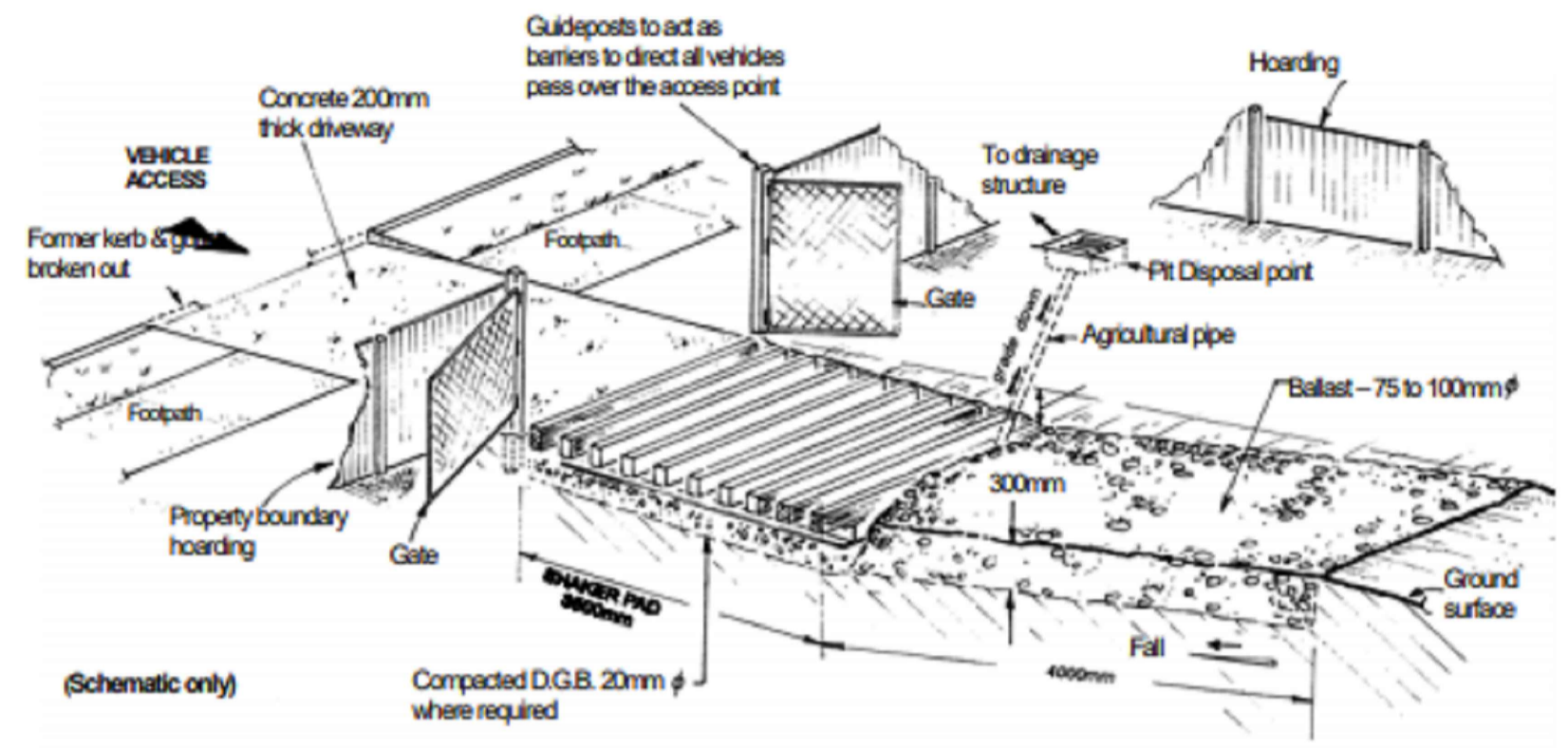


SECTION DETAIL



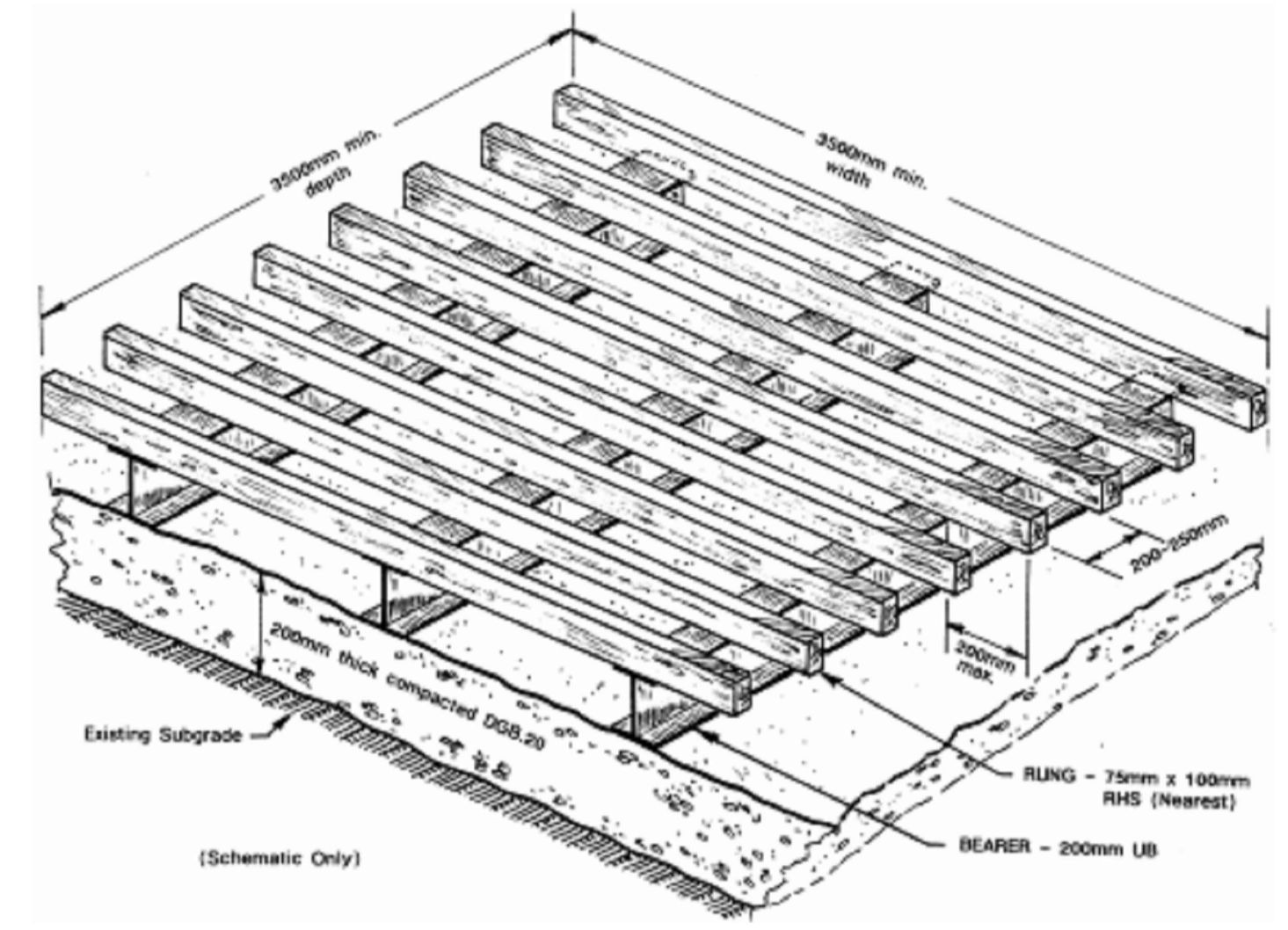
- SEDIMENT FENCE CONSTRUCTION NOTES:**
- CONSTRUCT SEDIMENT FENCES AS CLOSE AS POSSIBLE TO BEING PARALLEL TO THE CONTOURS OF THE SITE, BUT WITH SMALL RETURNS AS SHOWN IN THE DRAWING TO LIMIT THE CATCHMENT AREA OF ANY ONE SECTION. THE CATCHMENT AREA SHOULD BE SMALL ENOUGH TO LIMIT WATER FLOW IF CONCENTRATED 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.

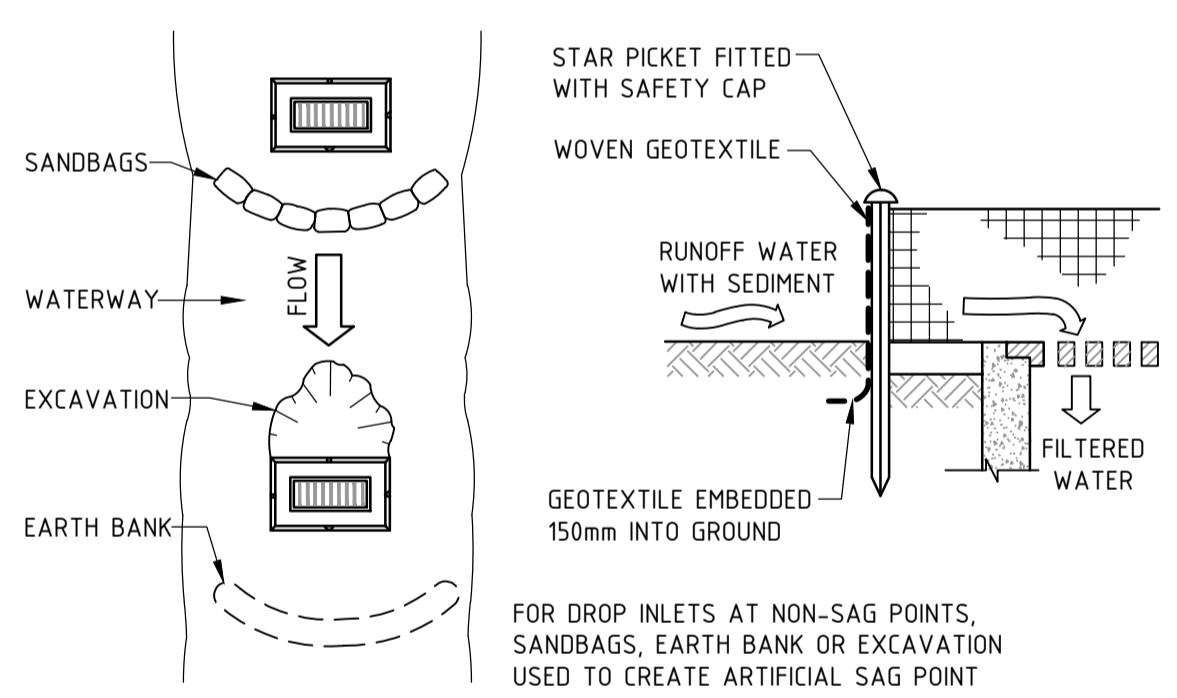
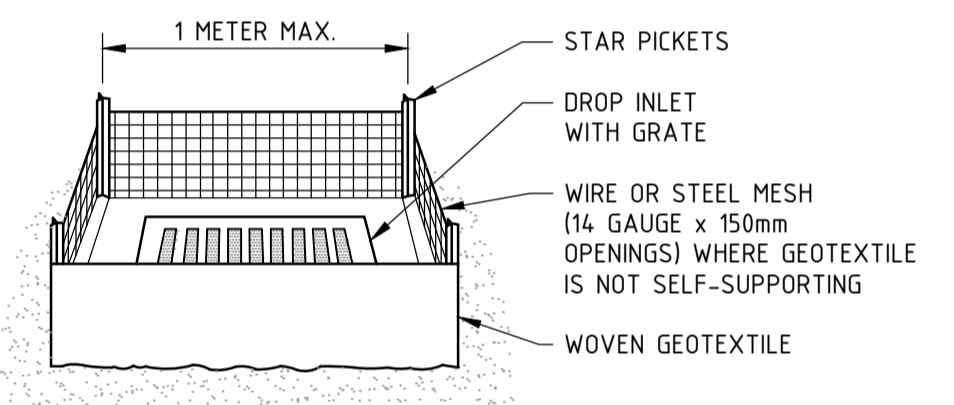


(Schematic only)

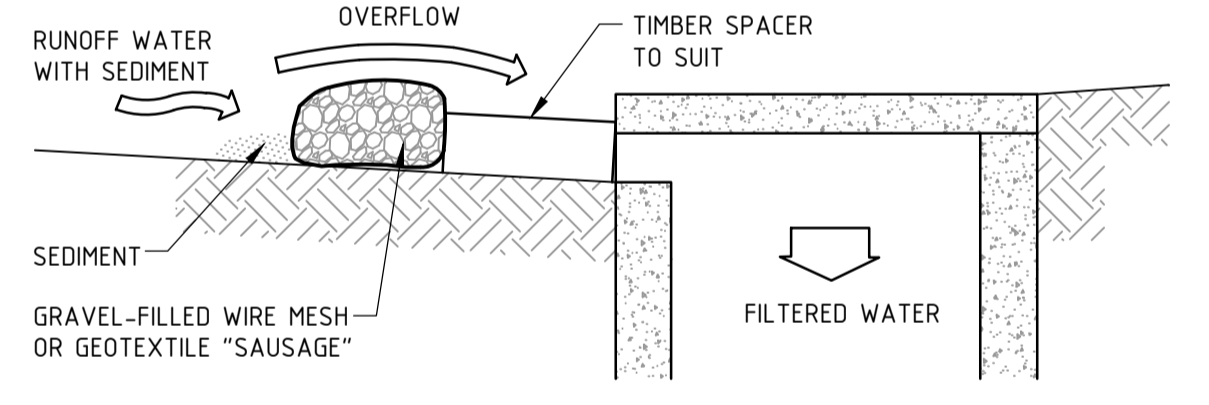
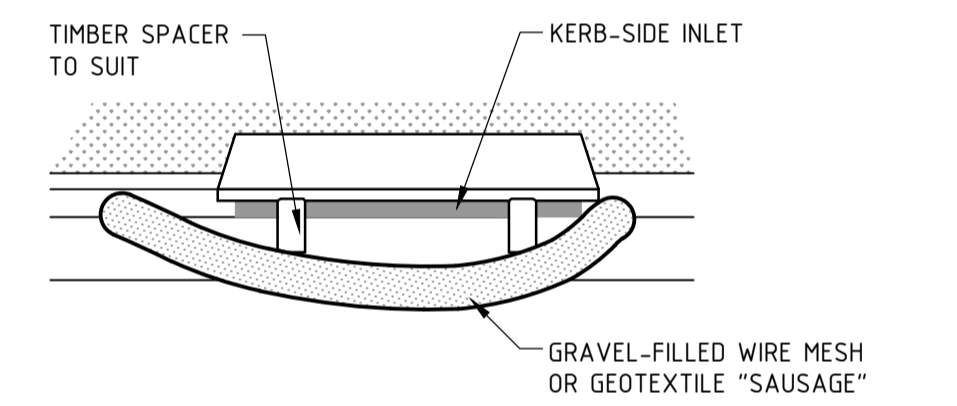
STABILISED SITE ACCESS - SHAKER GRID
SCALE N.T.S.



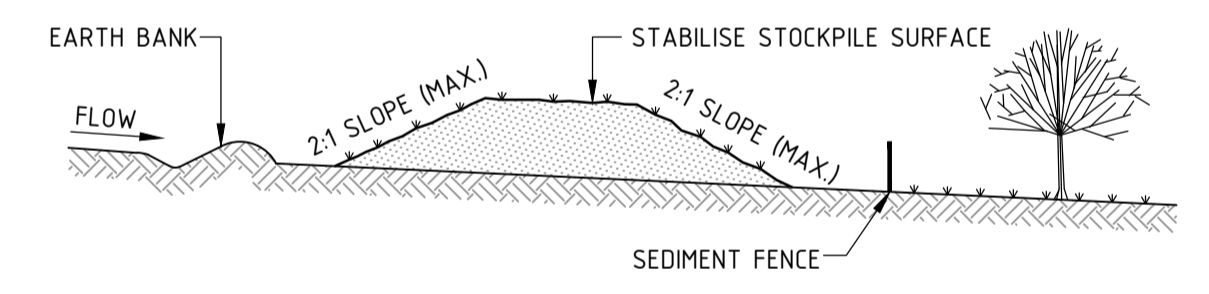
(Schematic Only)



- 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.



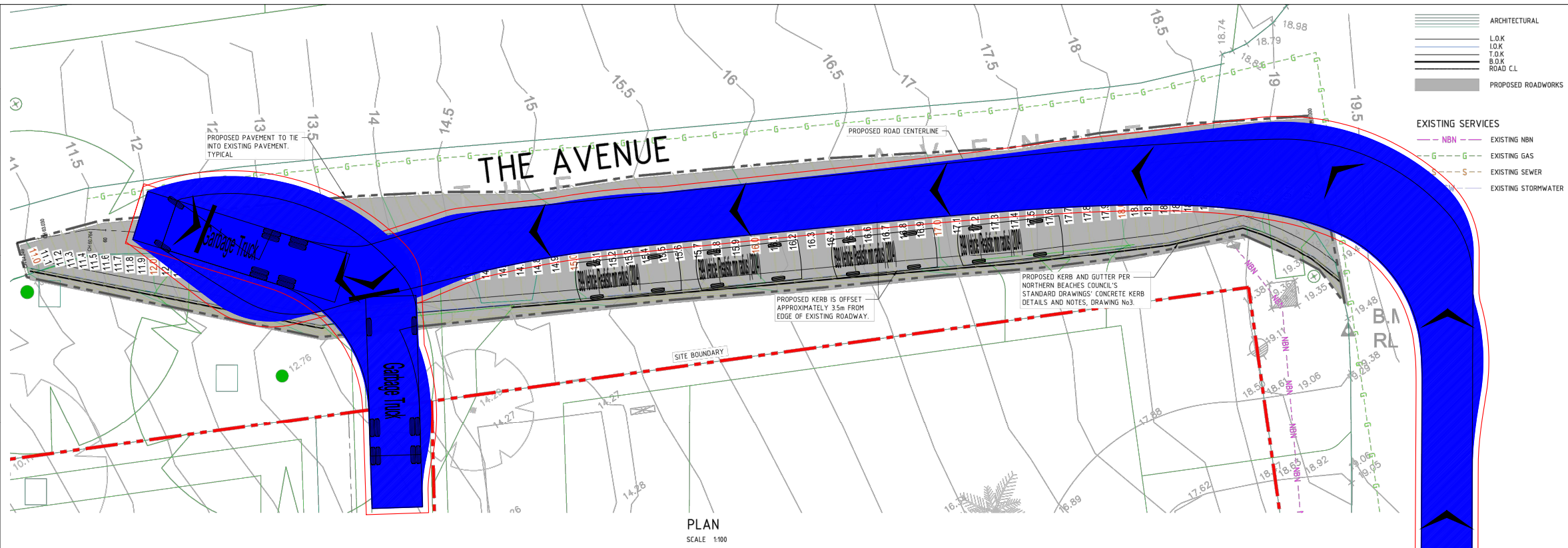
- MESH & GRAVEL INLET FILTER CONSTRUCTION NOTES:**
- INSTALL FILTERS TO KERB INLETS ONLY AT SAG POINTS.
 - FABRICATE A SLEEVE MADE FROM GEOTEXTILE OR WIRE MESH LONGER THAN THE LENGTH OF THE INLET PIT AND FILL IT WITH 25mm TO 50mm GRAVEL.
 - FORM AN ELLIPTICAL CROSS-SECTION ABOUT 150mm HIGH x 400mm WIDE.
 - 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.

								Sydney Office – L2, 8 Windmill St Sydney NSW 2000 P / +61 2 9770 3300 E / info@bgeeng.com bgeeng.com				NEWPORT MARINA AND RESIDENTIAL DEVELOPMENT				ISSUED FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION				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				
B	12.07.23	ISSUED FOR DEVELOPMENT APPROVAL	SH																				
A	31.05.22	ISSUED FOR DEVELOPMENT APPROVAL	SH																				
REVISIONS																							
PROJECT No: S22042 DRAWING No: CI-0710 REV: B																							



Job Title
NEWPORT MARINA AND RESIDENTIAL DEVELOPMENT

Client
ESSEX DEVELOP

JMT Consulting
ABN: 32 6358 30054
www.jmtconsulting.com.au
PO Box 99, Kingsford NSW 2032

Drawing Title
Turning Paths
10.5m Garbage Vehicle

Drawing No
2225_03

Date
02.11.23

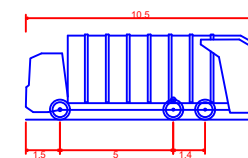
Legend

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- 300mm Envelope
- Wheel Envelope

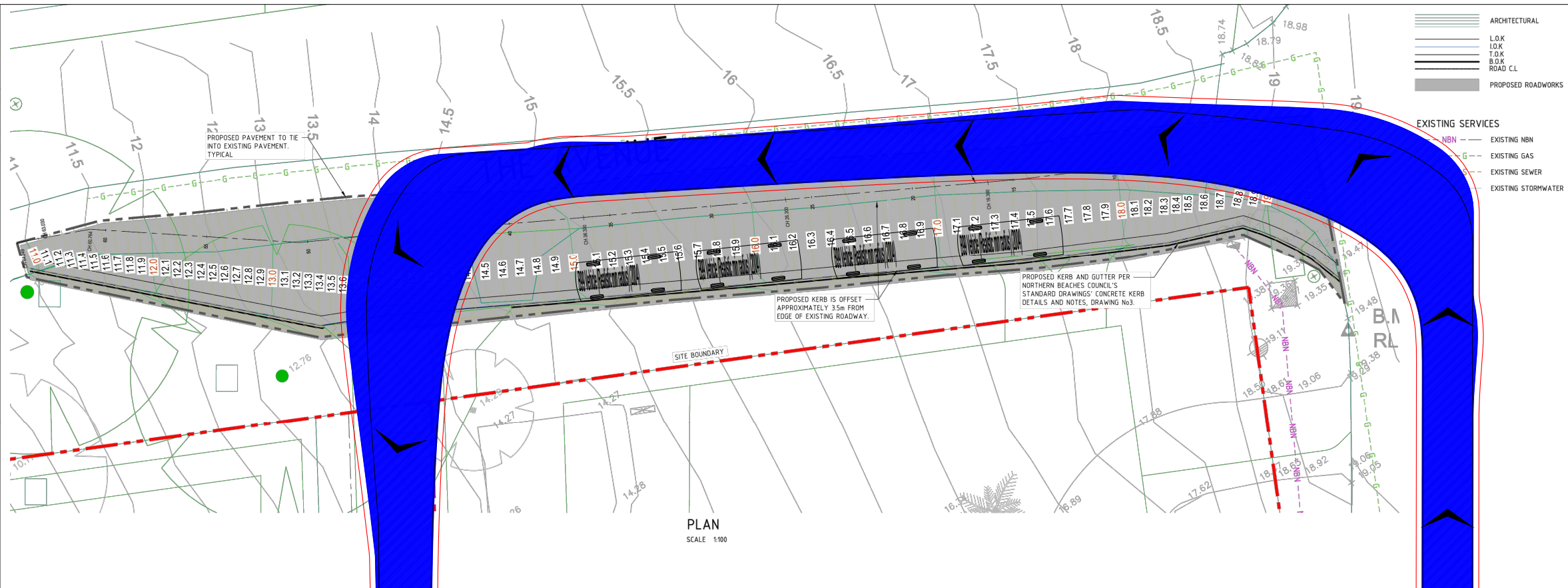
Job No
2225

Scale at A3
1:250

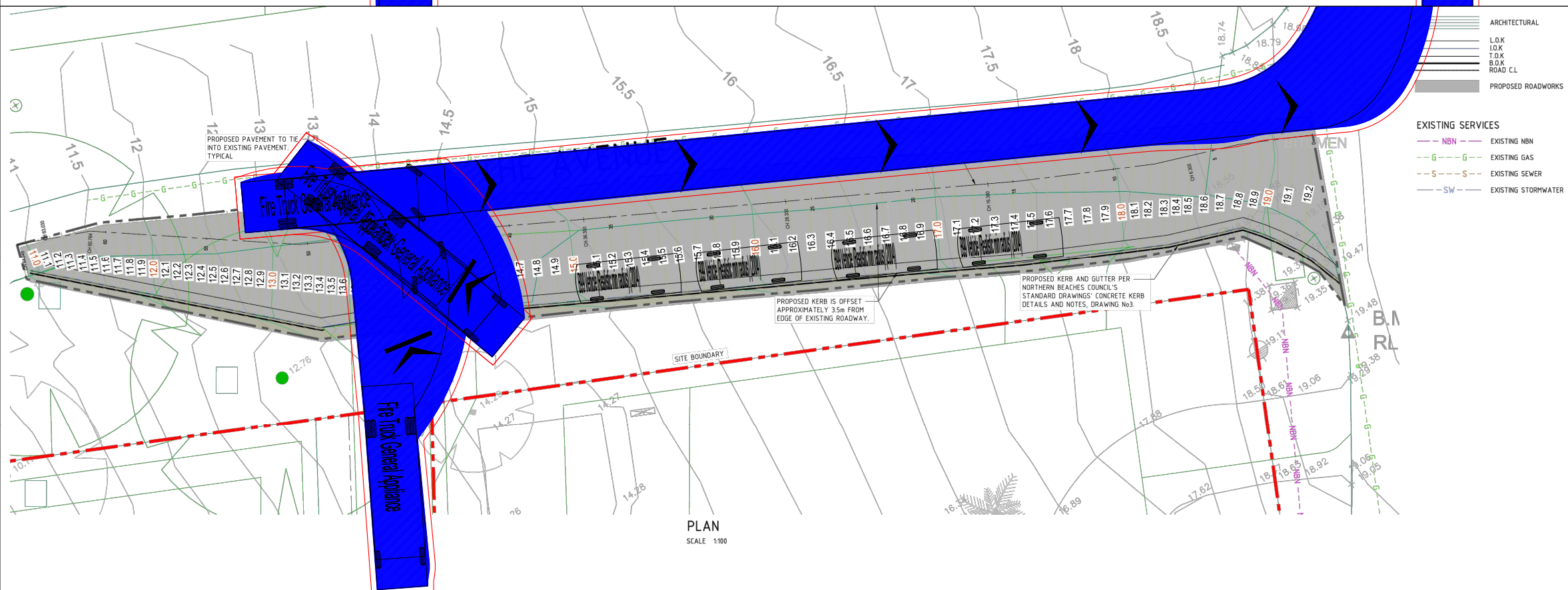
Vehicle type(s)



Garbage Truck
Overall Length 10.500m
Overall Width 2.500m
Overall Body Height 3.751m
Min Body Ground Clearance 0.304m
Track Width 2.500m
Lock to Lock Time 5.00 sec
Curb to Curb Turning Radius 11.000m



PLAN
SCALE 1:100



PLAN
SCALE 1:100



Job Title
NEWPORT MARINA AND RESIDENTIAL DEVELOPMENT

Client
ESSEX DEVELOP

JMT Consulting
ABN: 32 6358 30054
www.jmtconsulting.com.au
PO Box 99, Kingsford NSW 2032

Drawing Title
Turning Paths
Fire Truck

Drawing No
2225_04

Date
06.11.23

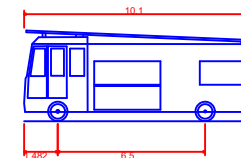
Legend

- Body Envelope
- 300mm Envelope
- Wheel Envelope

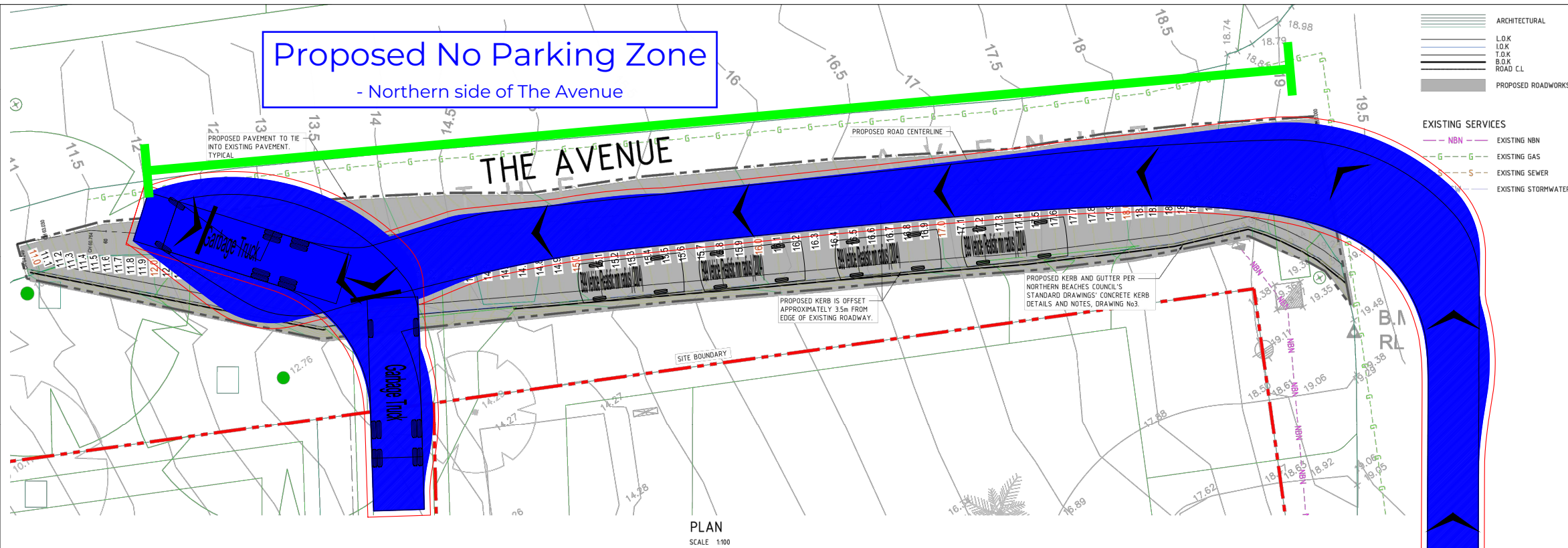
Job No
2225

Scale at A3
1:250

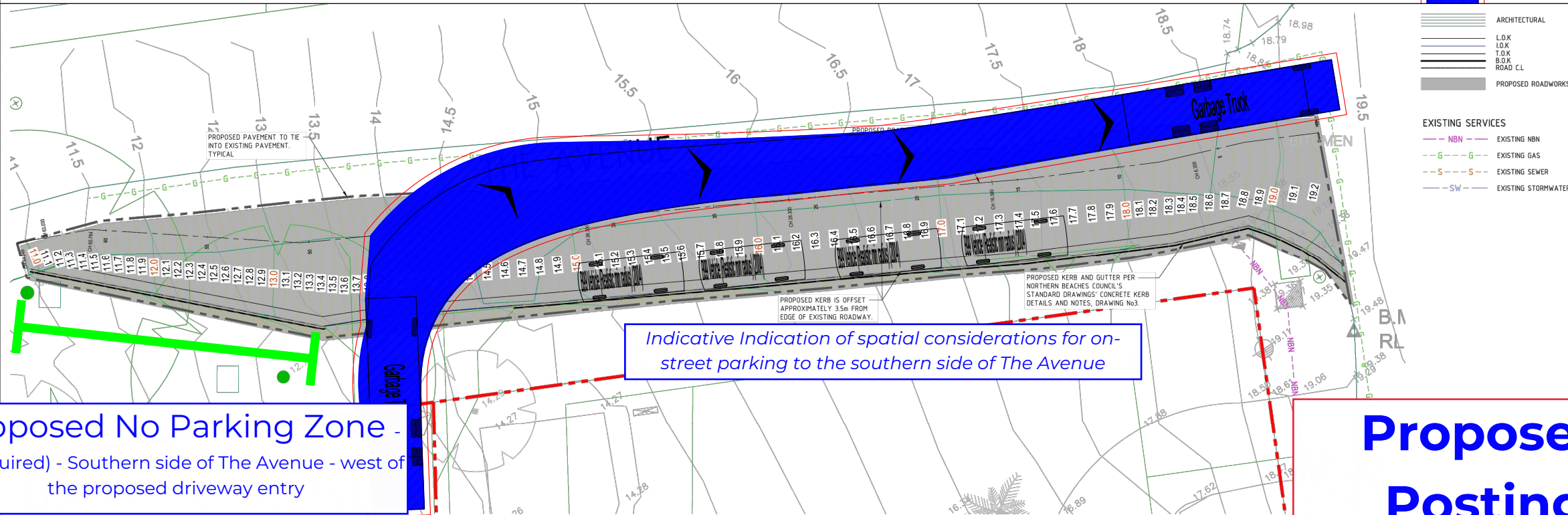
Vehicle type(s)



Fire Truck General Appliance
Overall Length 10.100m
Overall Width 2.500m
Overall Body Height 4.000m
Min Body Ground Clearance 0.409m
Track Width 2.450m
Lock to Lock Time 5.00 sec
Wall to Wall Turning Radius 11.300m



PLAN
SCALE 1:100



PLAN
SCALE 1:100

Proposed No Parking Zone -
(if required) - Southern side of The Avenue - west of
the proposed driveway entry

*Indicative Indication of spatial considerations for on-
street parking to the southern side of The Avenue*

**Proposed Sign
Posting Plan**



Job Title
NEWPORT MARINA AND
RESIDENTIAL DEVELOPMENT

Client
ESSEX DEVELOP

JMT Consulting
ABN: 32 6358 30054
www.jmtconsulting.com.au
PO Box 99, Kingsford NSW 2032

Drawing Title
Turning Paths
10.5m Garbage Vehicle

Drawing No
2225_03

Date
02.11.23

Legend

- Body Envelope
- 300mm Envelope
- Wheel Envelope

Job No
2225

Scale at A3
1:250

Vehicle type(s)

Garbage Truck
Overall Length 10.500m
Overall Width 2.500m
Overall Body Height 3.751m
Min Body Ground Clearance 0.304m
Track Width 2.500m
Lock to Lock Time 5.00 sec
Curb to Curb Turning Radius 11.000m