

SJB ARCHITECTS

# KOGARAH WAR MEMORIAL POOL CARWAR AVENUE, CARSS PARK DEVELOPMENT APPLICATION

## DRAWING SCHEDULE


DRAWING NUMBER	DESCRIPTION
200060-DA-C01.01	COVER SHEET AND DRAWING SCHEDULE
200060-DA-C01.21	GENERAL ARRANGEMENT PLAN
200060-DA-C03.01	EROSION AND SEDIMENTATION CONTROL PLAN
200060-DA-C03.21	EROSION AND SEDIMENTATION CONTROL DETAILS
200060-DA-C04.01	CUT AND FILL PLAN
200060-DA-C04.10	REMEDICATION PLAN
200060-DA-C05.01	SITEWORKS AND STORMWATER MANAGEMENT PLAN
200060-DA-C09.01	SITE SECTIONS

REV.	DATE	DESCRIPTION	DRN.	DES.	VERIF.	APPD.
5	24/09/2020	ISSUED FOR DEVELOPMENT APPLICATION	JT	RT	AD	AD
4	11/09/2020	ISSUED FOR DEVELOPMENT APPLICATION	CB	RT	AD	AD
3	09/09/2020	ISSUED FOR REVIEW	CB	RT	AD	AD
2	27/08/2020	ISSUED FOR REVIEW	CB	RT	AD	AD
1	26/08/2020	ISSUED FOR REVIEW	CB	RT	AD	AD

Client



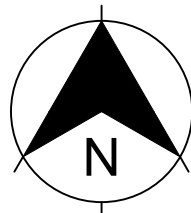
Scale



SCALE 1:1000 @A1

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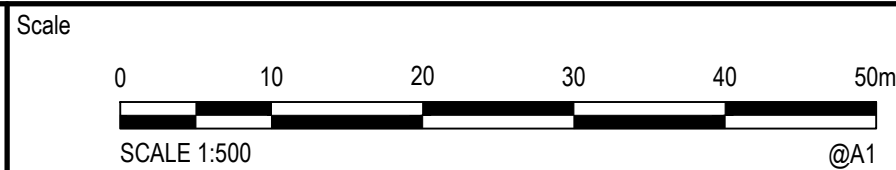
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Date 26/08/2020	Project Number/Drawing Number 200060-DA-C01.01
Size A1	Revision 5
Datum AHD	



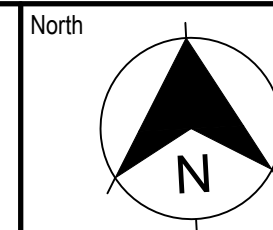


2	11/09/2020	ISSUED FOR DEVELOPMENT APPLICATION	CB	RT	AD	AD
1	09/09/2020	ISSUED FOR REVIEW	CB	RT	AD	AD
REV.	DATE	DESCRIPTION	DRN	DES.	VERIF.	APPD.

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Project  
KOGARAH WAR MEMORIAL POOL  
CARWAR AVENUE, CARSS PARK  
DEVELOPMENT APPLICATION  
Title  
GENERAL ARRANGEMENT PLAN

Scale  
1:500  
Date  
09/09/2020  
Size  
A1  
Datum  
AHD

Status  
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Project Number/Drawing Number  
**200060-DA-C01.21**

Revision  
**2**





LEGEND

SITE FENCE

SITE ENTRY/EXIT

TEMPORARY CONSTRUCTION EXIT  
(WASH DOWN DETAIL)

SEDIMENT FENCE (SD 6-8)

MESH AND GRAVEL INLET FILTER (SD 6-11)

GEOTEXTILE INLET FILTER (SD 6-12)

TREE PROTECTION ZONE (TPZ)

- EROSION AND SEDIMENT CONTROL
- GENERAL INSTRUCTIONS
1. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE CONTROL OF EROSION AND SEDIMENTATION TO THE SATISFACTION OF COUNCIL, NSW OFFICE OF WATER, OFFICE OF ENVIRONMENT AND HERITAGE. THE EROSION AND SEDIMENTATION CONTROLS SHOWN ON THE DRAWINGS SHALL ONLY BE USED AS A GUIDE BY THE CONTRACTOR, AND SHALL REPRESENT THE MINIMUM REQUIREMENT ONLY.

2. THE CONTRACTOR SHALL ENSURE THAT ALL SOIL AND WATER MANAGEMENT WORKS ARE LOCATED AS DOCUMENTED OR AS OTHERWISE DIRECTED BY THE SUPERINTENDENT. ALL WORK SHALL BE GENERALLY CARRIED OUT IN ACCORDANCE WITH  
a. LOCAL AUTHORITY REQUIREMENTS  
b. EPA REQUIREMENTS  
c. LANDCOM MANUAL "MANAGING URBAN STORMWATER, SOILS AND CONSTRUCTION", 4th EDITION, MARCH 2004.

3. MAINTAIN THE EROSION CONTROL DEVICES TO THE SATISFACTION OF THE SUPERINTENDENT AND THE LOCAL AUTHORITY.

4. WHEN STORMWATER PITS ARE CONSTRUCTED, PREVENT SITE RUNOFF ENTERING UNLESS SEDIMENT FENCES ARE ERECTED AROUND PITS.

5. CONTRACTOR IS TO ENSURE ALL EROSION & SEDIMENT CONTROL DEVICES ARE MAINTAINED IN GOOD WORKING ORDER AND OPERATE EFFECTIVELY. REPAIRS AND OR MAINTENANCE SHALL BE UNDERTAKEN AS REQUIRED, PARTICULARLY FOLLOWING STORM EVENTS.
- LAND DISTURBANCE
6. WHERE PRACTICAL, THE SOIL EROSION HAZARD ON THE SITE WILL BE KEPT AS LOW AS POSSIBLE. TO THIS END, WORKS SHOULD BE UNDERTAKEN IN THE FOLLOWING SEQUENCE:  
a. INSTALL A SEDIMENT FENCE ALONG THE BOUNDARIES AS SHOWN ON PLAN. REFER DETAIL.  
b. CONSTRUCT STABILISED CONSTRUCTION ENTRANCE TO LOCATION AS DETERMINED BY SUPERINTENDENT/ENGINEER. REFER DETAIL.  
c. INSTALL SEDIMENT BASIN AS SHOWN ON PLAN. INSTALL SEDIMENT TRAPS AS SHOWN ON PLAN.  
d. UNDERTAKE SITE DEVELOPMENT WORKS IN ACCORDANCE WITH THE ENGINEERING PLANS. WHERE POSSIBLE, PHASE DEVELOPMENT SO THAT LAND DISTURBANCE IS CONFINED TO AREAS OF WORKABLE SIZE.
- EROSION CONTROL
7. DURING WINDY WEATHER, LARGE, UNPROTECTED AREAS WILL BE KEPT MOIST (NOT WET) BY SPRINKLING WITH WATER TO KEEP DUST UNDER CONTROL.

8. FINAL SITE LANDSCAPING WILL BE UNDERTAKEN AS SOON AS POSSIBLE AND WITHIN 20 WORKING DAYS FROM COMPLETION OF CONSTRUCTION ACTIVITIES.
- SEDIMENT CONTROL
9. STOCKPILES WILL NOT BE LOCATED WITHIN 2 METRES OF HAZARD AREAS, INCLUDING LIKELY AREAS OF CONCENTRATED OR HIGH VELOCITY FLOWS SUCH AS WATERWAYS. WHERE THEY ARE BETWEEN 2 AND 5 METRES FROM SUCH AREAS, SPECIAL SEDIMENT CONTROL MEASURES SHOULD BE TAKEN TO MINIMISE POSSIBLE POLLUTION TO DOWNSLOPE WATERS, E.G. THROUGH INSTALLATION OF SEDIMENT FENCING.

10. ANY SAND USED IN THE CONCRETE CURING PROCESS (SPREAD OVER THE SURFACE) WILL BE REMOVED AS SOON AS POSSIBLE AND WITHIN 10 WORKING DAYS FROM PLACEMENT.

11. WATER WILL BE PREVENTED FROM ENTERING THE PERMANENT DRAINAGE SYSTEM UNLESS IT IS RELATIVELY SEDIMENT FREE. I.E. THE CATCHMENT AREA HAS BEEN PERMANENTLY LANDSCAPED AND/OR ANY LIKELY SEDIMENT HAS BEEN FILTERED THROUGH AN APPROVED STRUCTURE.

12. TEMPORARY SOIL AND WATER MANAGEMENT STRUCTURES WILL BE REMOVED ONLY AFTER THE LANDS THEY ARE PROTECTING ARE REHABILITATED.

13. ACCEPTABLE RECEPTORS WILL BE PROVIDED FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER.

14. ANY EXISTING TREES WHICH FORM PART OF THE FINAL LANDSCAPING PLAN WILL BE PROTECTED FROM CONSTRUCTION ACTIVITIES BY:  
a. PROTECTING THEM WITH BARRIER FENCING OR SIMILAR MATERIALS INSTALLED OUTSIDE THE DRIP LINE  
b. ENSURING THAT NOTHING IS NAILED TO THEM  
c. PROHIBITING PAVING, GRADING, SEDIMENT WASH OR PLACING OF STOCKPILES WITHIN THE DRIP LINE EXCEPT UNDER THE FOLLOWING CONDITIONS.  
(i) ENCROACHMENT ONLY OCCURS ON ONE SIDE AND NO CLOSER TO THE TRUNK THAN EITHER 1.5 METRES OR HALF THE DISTANCE BETWEEN THE OUTER EDGE OF THE DRIP LINE AND THE TRUNK, WHICHEVER IS THE GREATER  
(ii) A DRAINAGE SYSTEM THAT ALLOWS AIR AND WATER TO CIRCULATE THROUGH THE ROOT ZONE (E.G. A GRAVEL BED) IS PLACED UNDER ALL FILL LAYERS OF MORE THAN 300 MILLIMETRES DEPTH  
(iii) CARE IS TAKEN NOT TO CUT ROOTS UNNECESSARILY NOR TO COMPACT THE SOIL AROUND THEM.

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3	24/09/2020	ISSUED FOR DEVELOPMENT APPLICATION	JT	RT	AD	AD
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1	09/09/2020	ISSUED FOR REVIEW	CB	RT	AD	AD

Client

Scale

0

5

10

20

30m

SCALE 1:300 @A1

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Project

KOGARAH WAR MEMORIAL POOL  
CARWAR AVENUE, CARSS PARK  
DEVELOPMENT APPLICATION

Title

EROSION AND SEDIMENTATION  
CONTROL PLAN

Scale

1:300

Date

09/09/2020

Size

A1

Datum

AHD

Status

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NOT TO BE USED FOR CONSTRUCTION

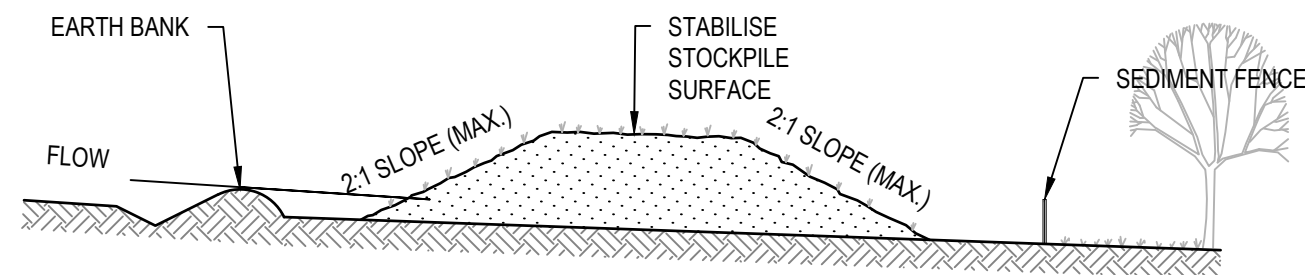
Project Number/Drawing Number

200060-DA-C03.01

Revision

3

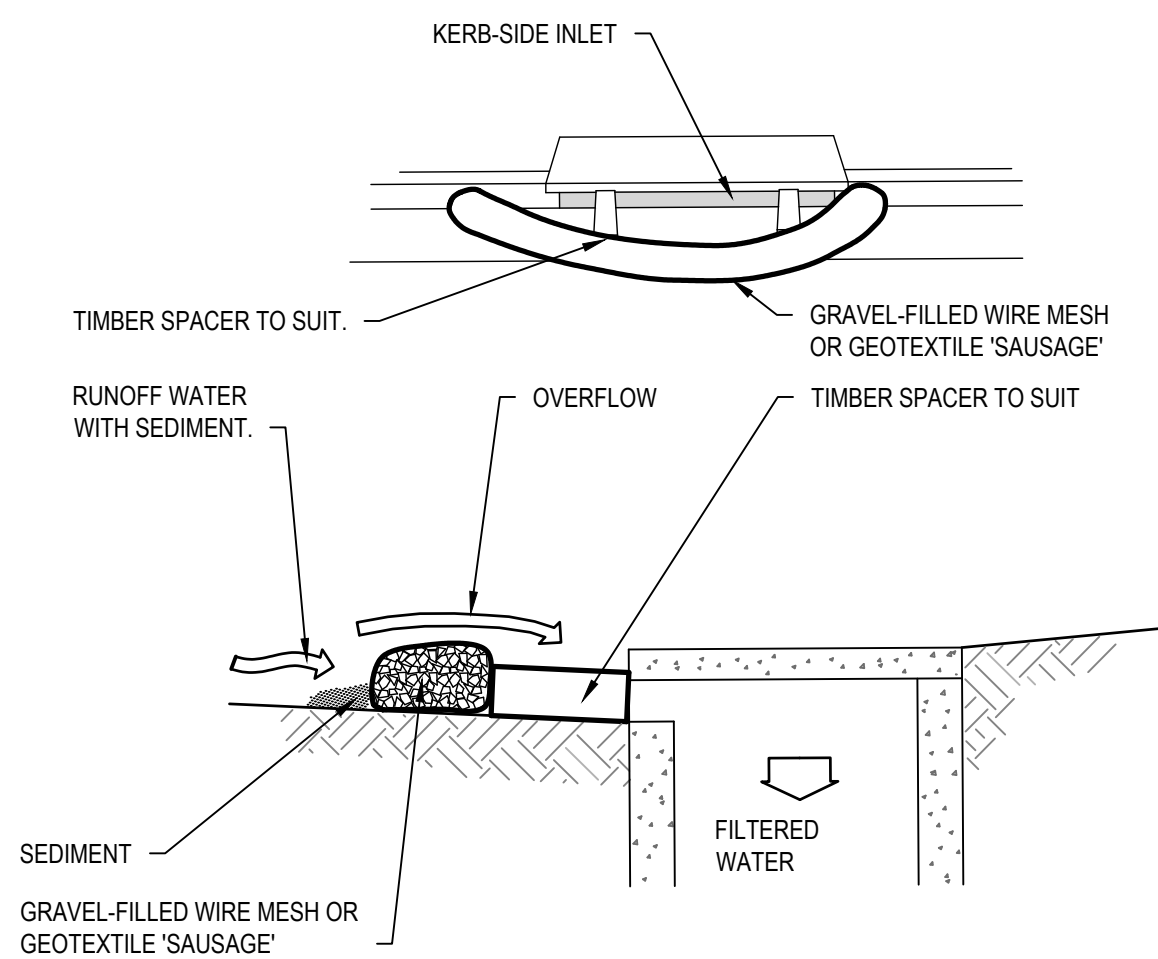




#### CONSTRUCTION NOTES

1. PLACE STOCKPILES MORE THAN 2m (PREFERABLY 5m) FROM EXISTING VEGETATION, CONCENTRATED WATER FLOW, ROADS AND HAZARD AREAS.
2. CONSTRUCT ON THE CONTOUR AS LOW, FLAT, ELONGATED MOUNDS.
3. WHERE THERE IS SUFFICIENT AREA, TOPSOIL STOCKPILES SHALL BE LESS THAN 2m IN HEIGHT.
4. WHERE THEY ARE TO BE IN PLACE FOR MORE THAN 10 DAYS, STABILISE FOLLOWING THE APPROVED ESCP OR SWMP TO REDUCE THE C-FACTOR TO LESS THAN 0.10.
5. CONSTRUCT EARTH BANKS (STANDARD DRAWING 5-5) ON THE UPSLOPE SIDE TO DIVERT WATER AROUND STOCKPILES AND SEDIMENT FENCES (STANDARD DRAWING 6-8) 1 TO 2m DOWNSLOPE.

#### STOCKPILES (SD 4-1)

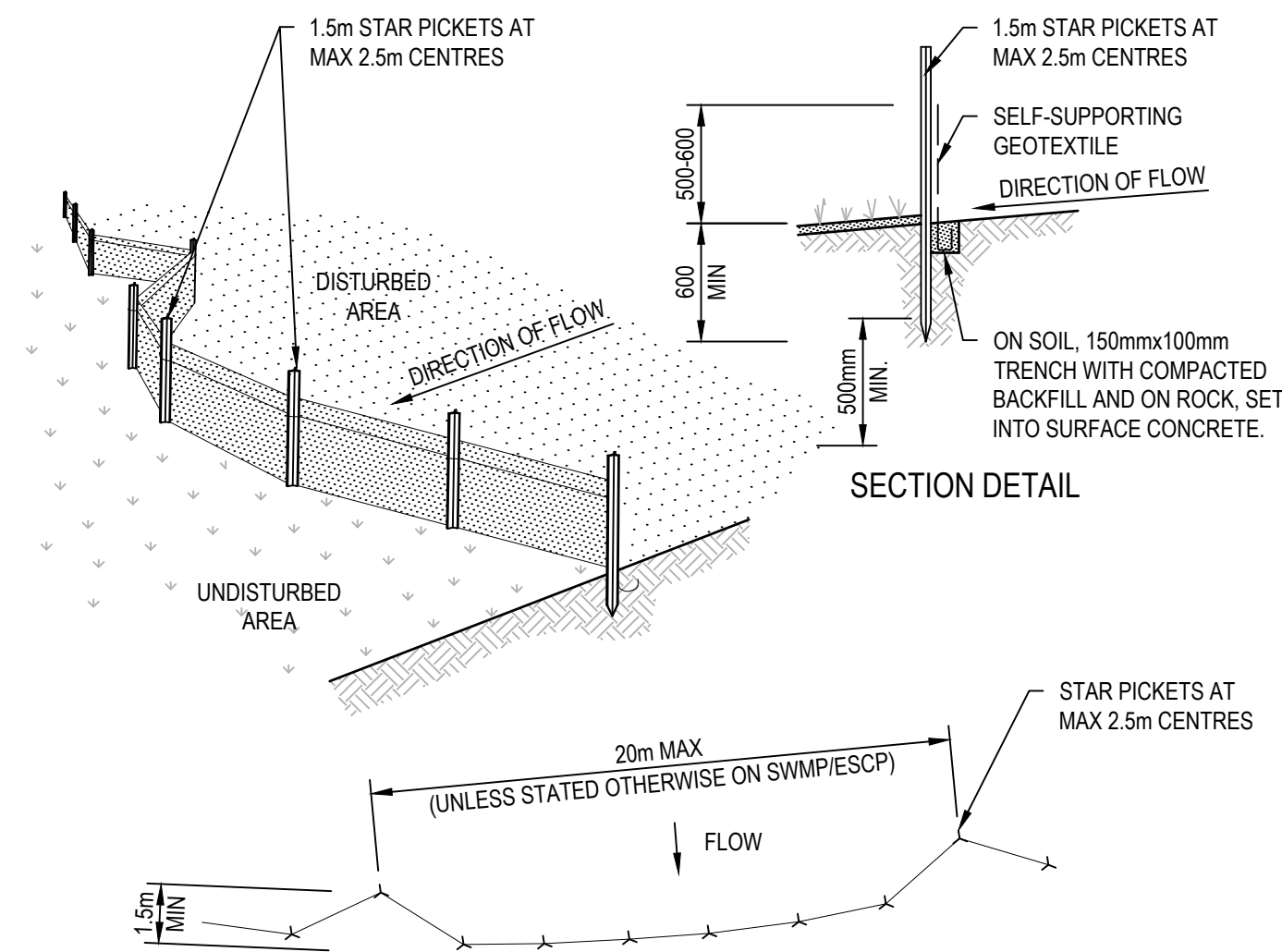


NOTE: THIS PRACTICE ONLY TO BE USED WHERE SPECIFIED IN APPROVED SWMP/ESCP.

#### CONSTRUCTION NOTES

1. INSTALL FILTERS TO KERB INLETS ONLY AT SAG POINTS.
2. 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.
3. FORM AN ELLIPTICAL CROSS-SECTION ABOUT 150mm HIGH x 400mm WIDE.
4. PLACE THE FILTER AT THE OPENING LEAVING AT LEAST A 100mm SPACE BETWEEN IT AND THE KERB INLET. MAINTAIN THE OPENING WITH SPACER BLOCKS.
5. FORM A SEAL WITH THE KERB TO PREVENT SEDIMENT BYPASSING THE FILTER.
6. SANDBAGS FILLED WITH GRAVEL CAN SUBSTITUTE FOR THE MESH OR GEOTEXTILE PROVIDING THEY ARE PLACED SO THAT THEY FIRMLY ABUT EACH OTHER AND SEDIMENT-LADEN WATERS CANNOT PASS BETWEEN.

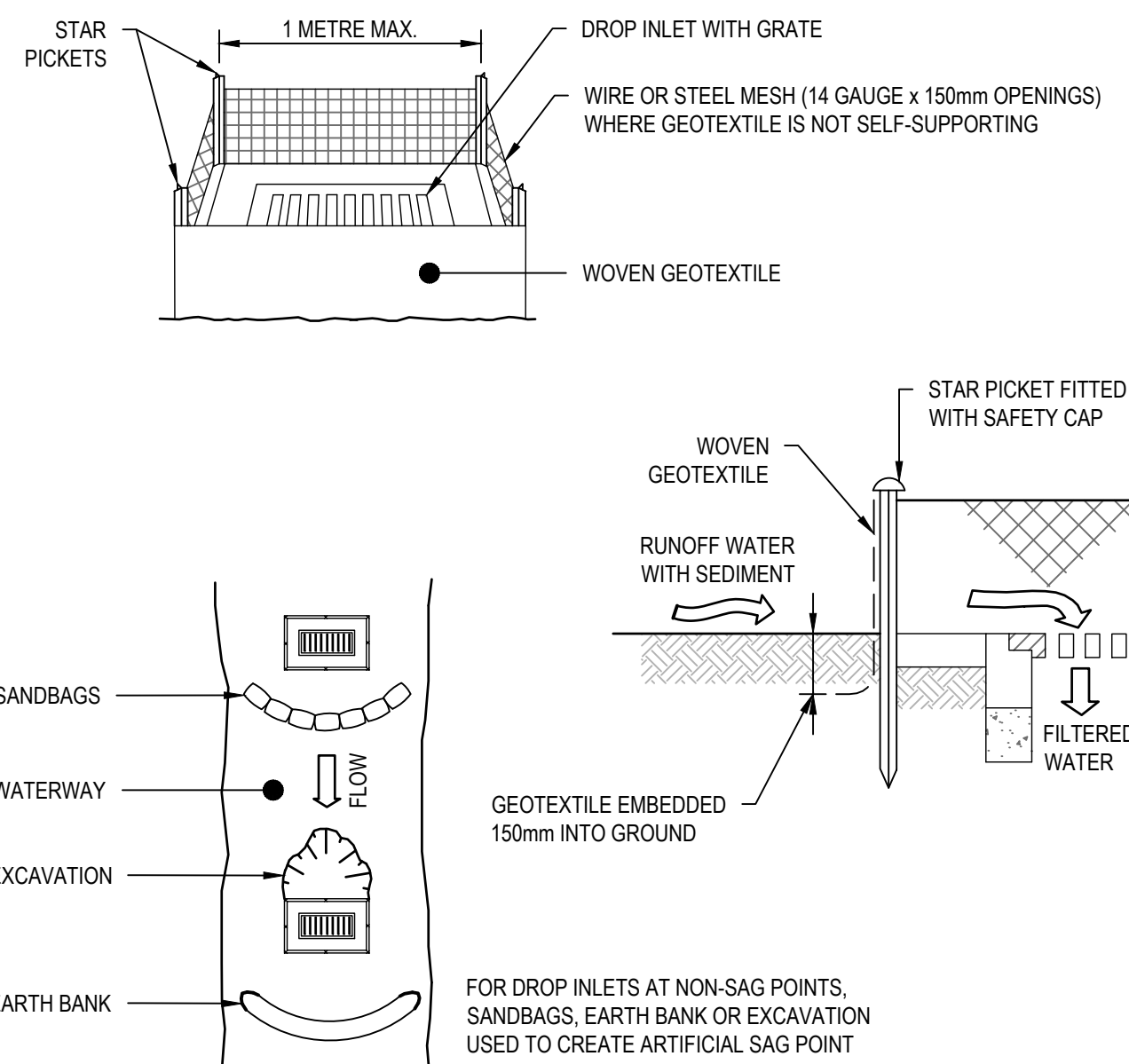
#### MESH AND GRAVEL INLET FILTER (SD 6-11)



#### CONSTRUCTION NOTES

1. 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.
2. CUT A 150mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
3. DRIVE 1.5 METRE LONG STAR PICKETS INTO GROUND AT 2.5 METRE INTERVALS (MAX) AT THE DOWNSLOPE EDGE OF THE TRENCH. ENSURE ANY STAR PICKETS ARE FITTED WITH SAFETY CAPS.
4. 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.
5. JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH A 150mm OVERLAP.
6. BACKFILL THE TRENCH OVER THE BASE OF THE FABRIC AND COMPACT IT THOROUGHLY OVER THE GEOTEXTILE.

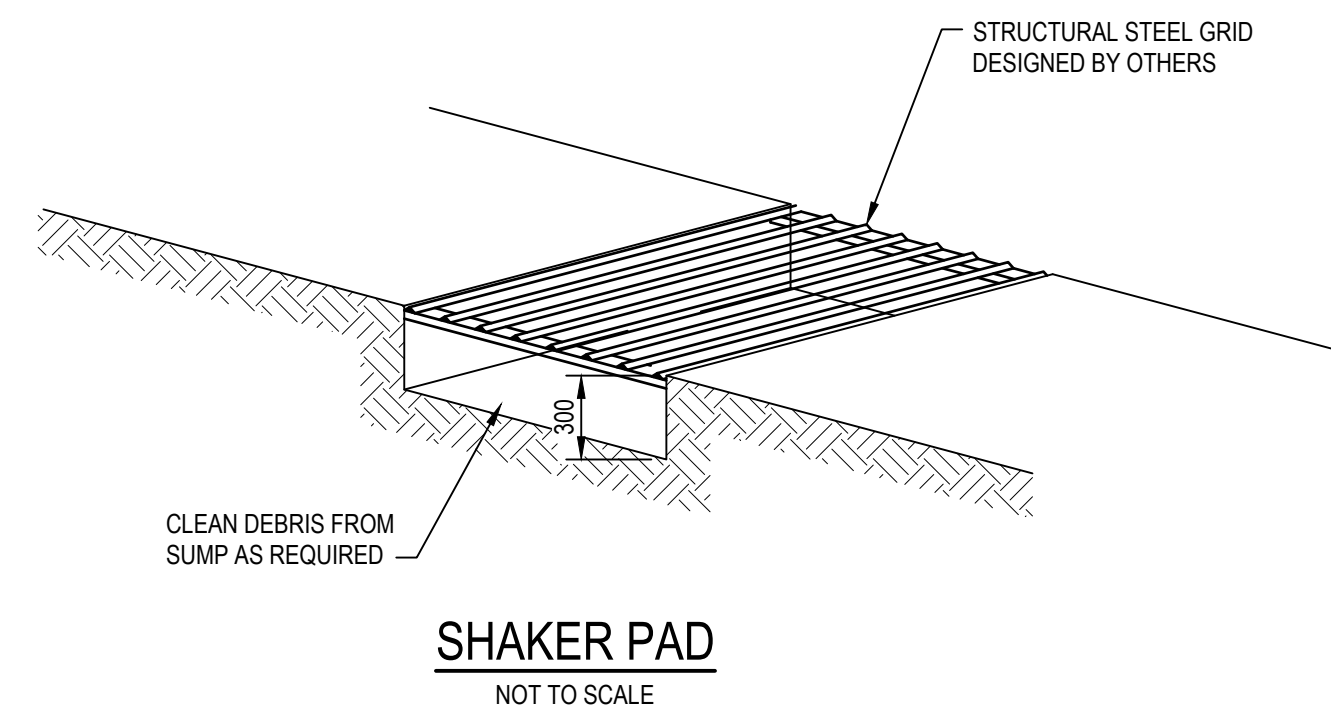
#### SEDIMENT FENCE (SD 6-8)



#### CONSTRUCTION NOTES

1. FABRICATE A SEDIMENT BARRIER MADE FROM GEOTEXTILE OR STRAW BALES.
2. FOLLOW STANDARD DRAWING 6-7 AND STANDARD DRAWING 6-8 FOR INSTALLATION PROCEDURES FOR THE STRAW BALES OR GEOFABRIC. REDUCE THE PICKET SPACING TO 1 METRE CENTRES.
3. IN WATERWAYS, ARTIFICIAL SAG POINTS CAN BE CREATED WITH SANDBAGS OR EARTH BANKS AS SHOWN IN THE DRAWING.
4. DO NOT COVER THE INLET WITH GEOTEXTILE UNLESS THE DESIGN IS ADEQUATE TO ALLOW FOR ALL WATERS TO BYPASS IT.

#### GEOTEXTILE INLET FILTER (SD 6-12)



REV.	DATE	ISSUED FOR REVIEW	DESCRIPTION	CB	RT	AD	AD
1	09/09/2020	ISSUED FOR REVIEW					



Scale	North
H: 0 10 20 30 40 50m V: 0 2 4 6 8 10m SCALE: H:1:500 V:1:100 @A1	
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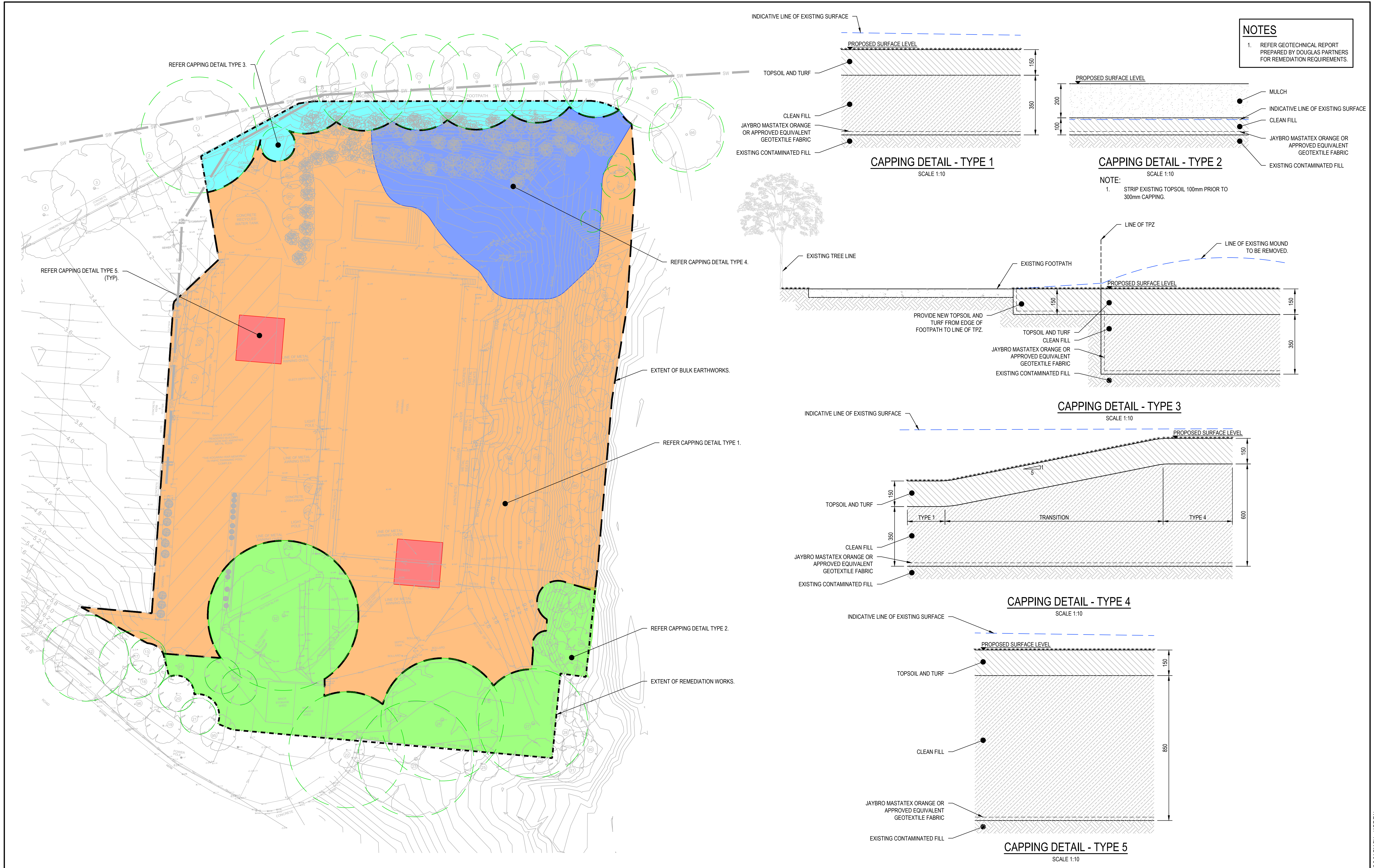
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Project KOGARAH WAR MEMORIAL POOL CARWAR AVENUE, CARSS PARK DEVELOPMENT APPLICATION	Scale N.T.S Date 09/09/2020	Status FOR INFORMATION ONLY NOT TO BE USED FOR CONSTRUCTION
Title EROSION AND SEDIMENTATION CONTROL DETAILS	Size A1 Datum AHD	Project Number/Drawing Number 200060-DA-C03.21 Revision 1

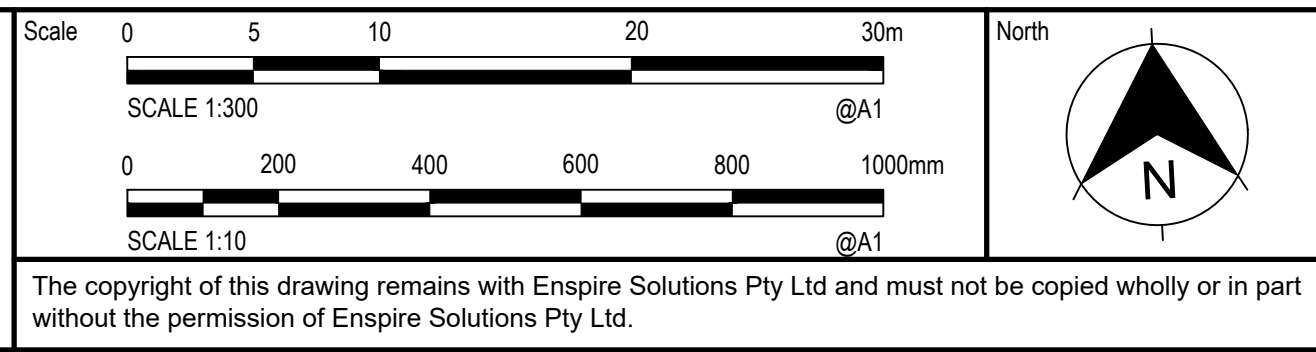








REV.	DATE	DESCRIPTION	DRN.	DES.	VERIF.	APPD.
4	24/09/2020	ISSUED FOR DEVELOPMENT APPLICATION	JT	RT	AD	AD
3	14/09/2020	ISSUED FOR DEVELOPMENT APPLICATION	CB	RT	AD	AD
2	11/09/2020	ISSUED FOR DEVELOPMENT APPLICATION	CB	RT	AD	AD
1	09/09/2020	ISSUED FOR REVIEW	CB	RT	AD	AD



Project	KOGARAH WAR MEMORIAL POOL CARWAR AVENUE, CARSS PARK DEVELOPMENT APPLICATION
Title	REMEDATION PLAN

Scale	AS SHOWN	Status	FOR INFORMATION ONLY NOT TO BE USED FOR CONSTRUCTION
Date	09/09/2020	Project Number/Drawing Number	200060-DA-C04.10
Size	A1	Revision	4
Datum	AHD		





**LEGEND**

- 3.00 PROPOSED CONTOUR
- 3.00 EXISTING CONTOUR
- RW IRRIGATION TANK PIPE TRENCH
- OVERLAND FLOW DIRECTION
- SW EXISTING STORMWATER PIPE

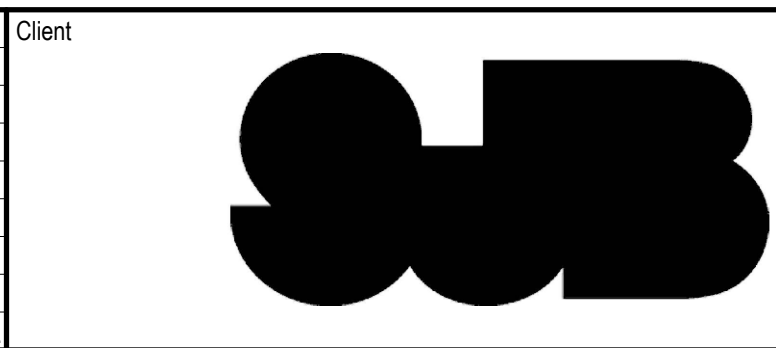
**NOTES**

- THE PROPOSED CONTOURS REPRESENT THE FINISHED SURFACE LEVEL. (TOP OF CAPPING MATERIAL).
- REFER ARBORICULTURAL DEVELOPMENT ASSESSMENT REPORT FOR TPZ.

**METHODOLOGY**

- STRIP EXISTING VEGETATION AND REMOVE TOPSOIL.
- DEMOLISH EXISTING STRUCTURES INCLUDING BUILDINGS, POOL COPING AND PAVEMENTS.
- EXCAVATE TO 500mm BELOW PROPOSED SURFACE LEVELS AND REMOVE FROM SITE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.
- EXCAVATE 1m DEEP TREE PITS.
- FILL POOL WITH CLEAN FILL MATERIAL TO 500mm BELOW PROPOSED SURFACE LEVEL. COVER SITE WITH GEOTEXTILE LAYER.
- FILL SITE WITH CLEAN MATERIAL (MIN 350mm FILL AND 150mm TOPSOIL).
- TURF SITE.

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Scale

0 5 10 15 20 25m

SCALE 1:250 @A1

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Project  
KOGARAH WAR MEMORIAL POOL  
CARWAR AVENUE, CARSS PARK  
DEVELOPMENT APPLICATION

Title  
SITEWORKS AND STORMWATER MANAGEMENT PLAN

Scale  
1:250

Date  
26/08/2020

Size  
A1

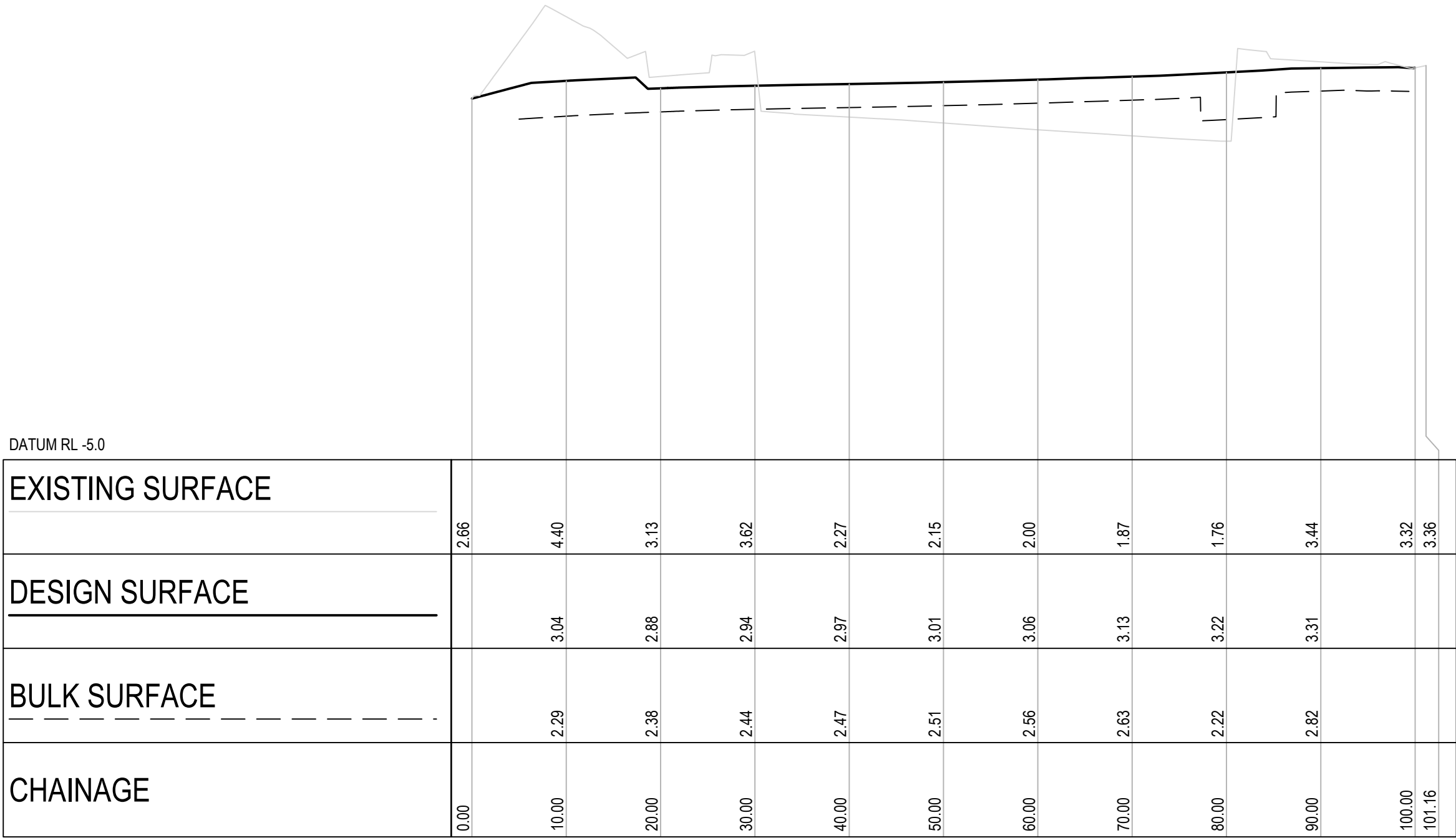
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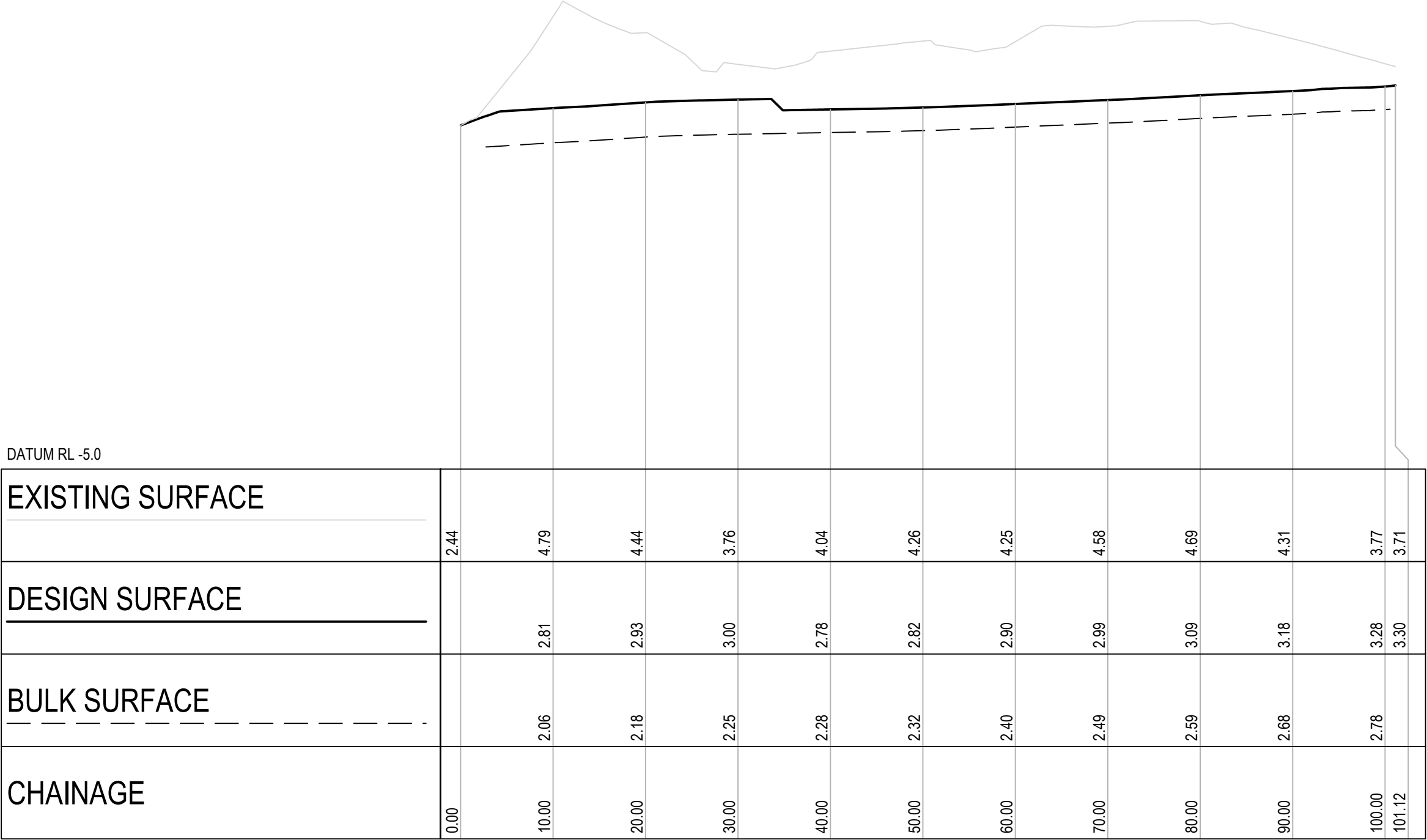
Project Number/Drawing Number  
**200060-DA-C05.01**

Revision  
**5**

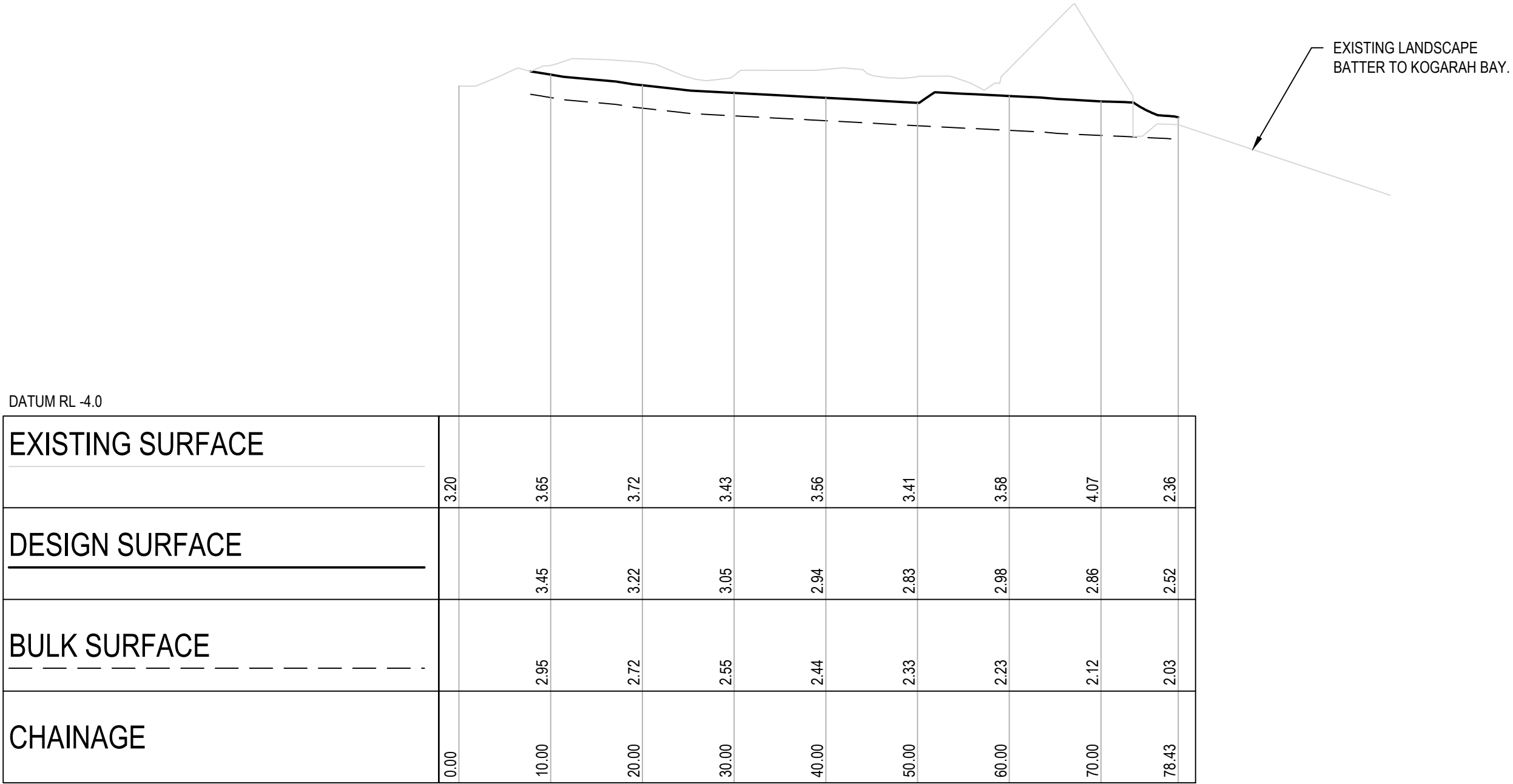




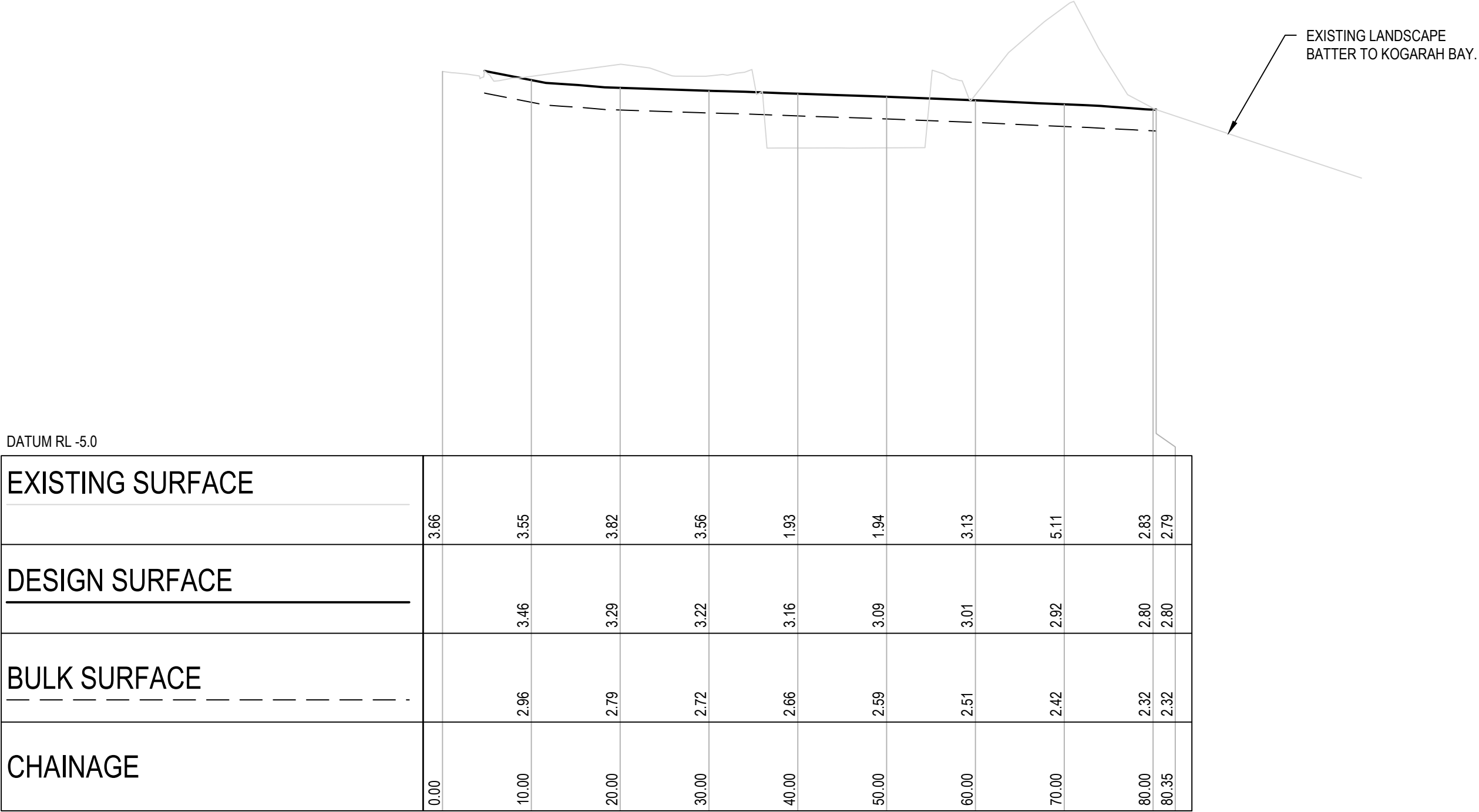
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SCALE 1:100 (V)  
C05.01



SECTION 2  
SCALE 1:500 (H)  
SCALE 1:100 (V)  
C05.01



SECTION 3  
SCALE 1:500 (H)  
SCALE 1:100 (V)  
C05.01



SECTION 4  
SCALE 1:500 (H)  
SCALE 1:100 (V)  
C05.01

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Client

Scale

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Project  
KOGARAH WAR MEMORIAL POOL  
CARWAR AVENUE, CARSS PARK  
DEVELOPMENT APPLICATION

Title  
SITE SECTIONS

Scale  
AS SHOWN  
Date  
26/08/2020  
Size  
A1  
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Status  
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Project Number/Drawing Number  
200060-DA-C09.01

Revision  
3