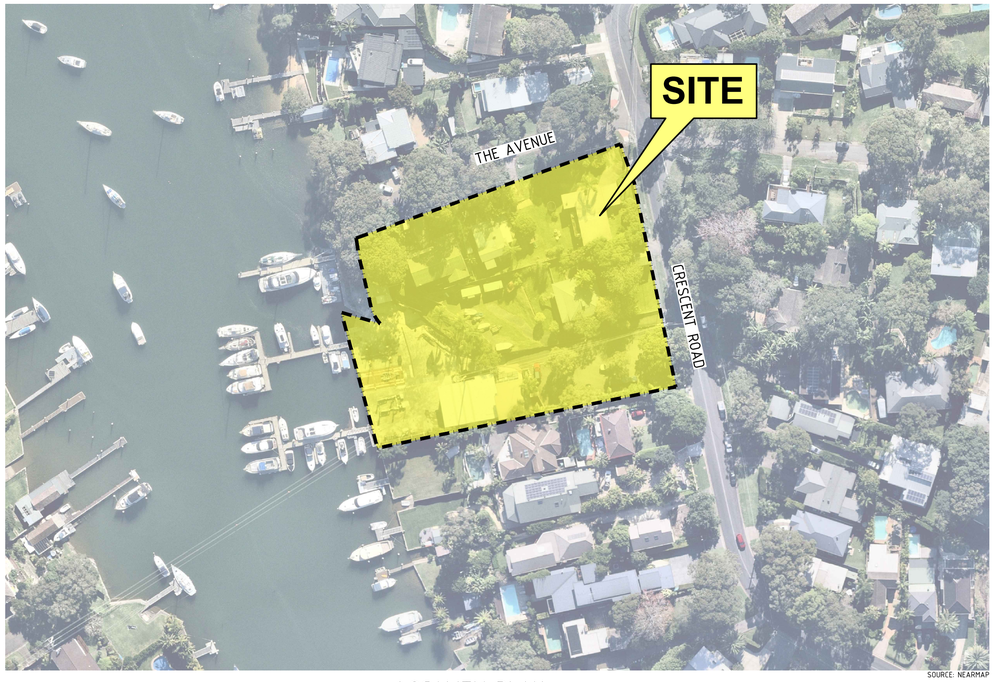
NEWPORT MARINA AND RESIDENTIAL DEVELOPMENT

LGA: NORTHERN BEACHES COUNCIL
DEVELOPMENT APPLICATION ISSUE



SOURCE: NEARMAP

LOCALITY PLAN
SCALE 1:1000

northern beaches council

DRAWING INDEX

DRG No.	DESCRIPTION
CI-0000	COVER SHEET, LOCALITY PLAN AND DRAWING INDEX
CI-0200	SITEWORKS AND DRAINAGE PLAN
CI-0340	DRAINAGE DETAILS
CI-0700	EROSION AND SEDIMENT CONTROL PLAN
CI-0710	EROSION AND SEDIMENT CONTROL DETAILS

DIAL BEFORE YOU DIG www.1100.com.au

0 10 20 30 40 50 60m
SCALE 1:1000 AT A1 SIZE

REV	DATE	DESCRIPTION	RVD
A	31.05.22	ISSUED FOR DEVELOPMENT APPROVAL	SH

REVISIONS

REVISIONS

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	AM	SH	

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

TITLE: COVER SHEET, LOCALITY PLAN AND DRAWING INDEX

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

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N

THE AVENUE

CRESCENT ROAD

B.M. NAIL IN TOP OF KERB
RL. 19.47

600x600 SEALED PIT

600x600 SEALED PIT
CLASS 'D' COVER

Φ225 uPVC

600x600 SEALED PIT

600x600 SEALED PIT
CLASS 'D' COVER

Φ225 uPVC

Φ225 uPVC

EXISTING STORMWATER
TO BE REMOVED

Φ450 RCP

CONSTRUCT NEW HEAD
WALL TO DISCHARGE
INTO PITWATER

900x900 SEALED PIT

Φ450 RCP

EXISTING COUNCIL PIT
TO REMAIN

Φ450 RCP

Φ450 RCP

Φ450 RCP

900x900 SEALED PIT

3m DRAINAGE EASEMENT

900x900 SEALED PIT

900x900 SEALED PIT

1.8m KERB INLET PIT TO
COUNCIL STANDARDS

LEGEND

- SITE BOUNDARY
- Φ150 uPVC — PROPOSED STORMWATER (SIZE AND TYPE)
- PROPOSED SEALED PIT/ KERB INLET PIT
- EXISTING KERB INLET PIT
- EXISTING SURVEY FEATURES
- GROUND FLOOR ARCHITECTURAL
- HEADWALL
- 3m DRAINAGE EASEMENT

EXISTING SERVICES

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

PLAN
SCALE 1:250

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

REV	DATE	DESCRIPTION	RVD
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	SH

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AHD	GDA2020 MGA-56	1:250	AT A1 SIZE

TITLE
SITEWORKS AND DRAINAGE PLAN

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

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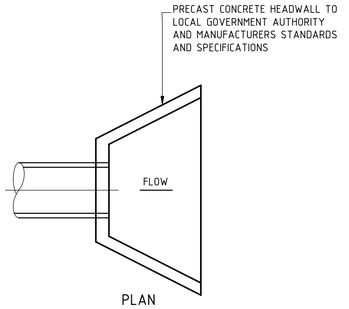
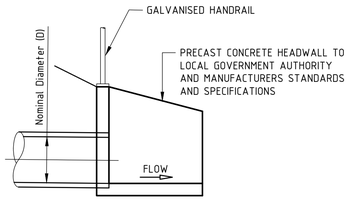
NOTES

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



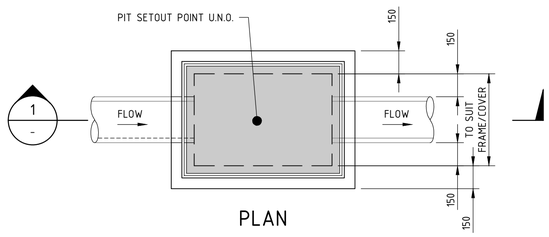
PLAN



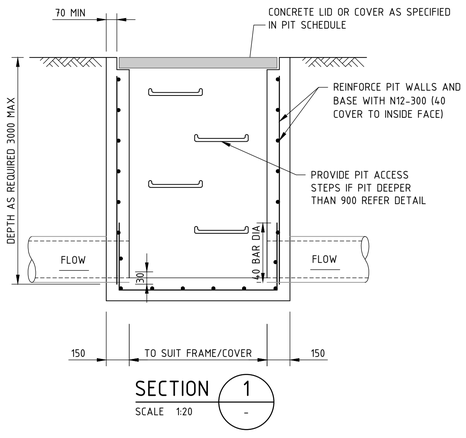
SECTION

PRECAST CONCRETE OUTLET HEADWALL TYPICAL DETAILS

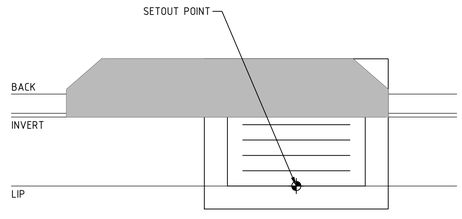
NOT TO SCALE



PLAN

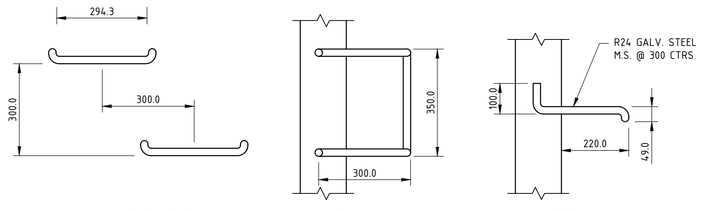


SECTION 1
SCALE 1:20 -



KERB INLET PIT SETOUT

SCALE 1:20



ELEVATION PLAN SECTION

TYPICAL STEP IRON DETAILS

SCALE 1:10

0 100 200 300 400 500 600mm
SCALE 1:10 AT A1 SIZE

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

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

TITLE
DRAINAGE DETAILS

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

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N

THE AVENUE

CRESCENT ROAD

B.M. NAIL IN TOP OF KERB
RL. 19.47

INDICATIVE LOCATION OF SITE STOCKPILE (FINAL LOCATION TO BE DETERMINED ON SITE BY SUPERINTENDENT). INSTALL SEDIMENT FENCE TO DOWNSTREAM SIDE OF STOCKPILE. COVER STOCKPILE WHEN NOT IN USE

INDICATIVE LOCATION OF STABILIESED SITE ACCESS (FINAL LOCATION TO BE DETERMINED ON SITE BY SUPERINTENDENT)

INSTALL AND MAINTAIN WIRE MESH AND GRAVEL SEDIMENT FILTERS TO ALL KERB INLET PITS (TYP).

INSTALL AND MAINTAIN SECURITY FENCE AROUND SITE. INSTALL DUST CONTROL HESSIAN ALONG SECURITY FENCE (TYP)

INSTALL AND MAINTAIN SEDIMENT INSTALLED AROUND SITE. (TYP)

PLAN
SCALE 1:250

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.

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

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

TITLE
EROSION AND SEDIMENT CONTROL PLAN

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

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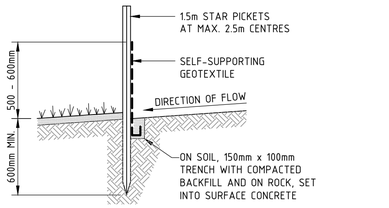
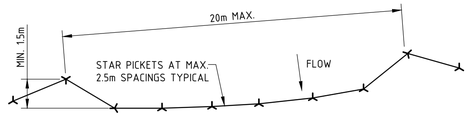
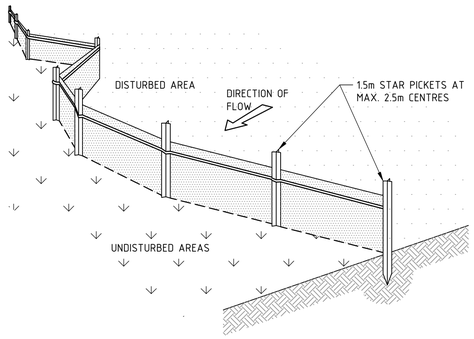


SECTION DETAIL



PLAN

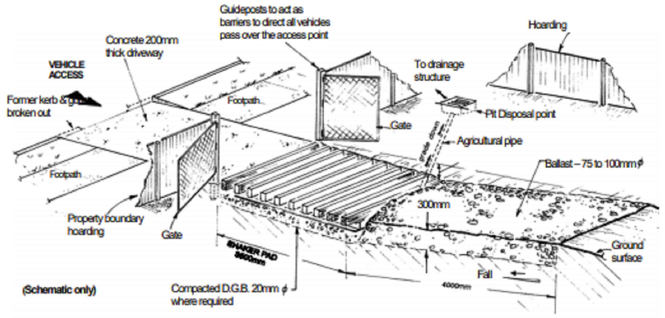


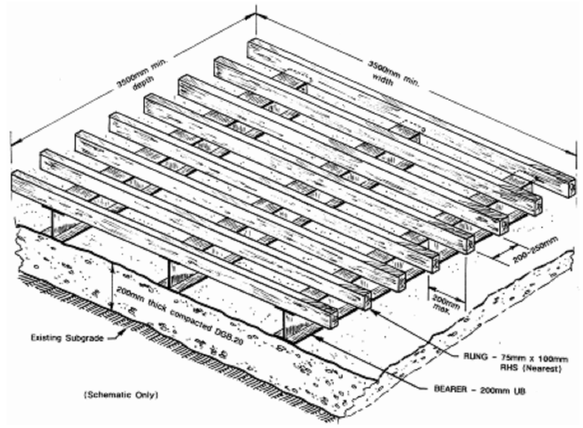
SEDIMENT FENCE CONSTRUCTION NOTES:

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 1.5m 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.
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

SCALE N.T.S





STABILISED SITE ACCESS - SHAKER GRID

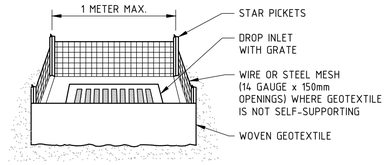
SCALE N.T.S.

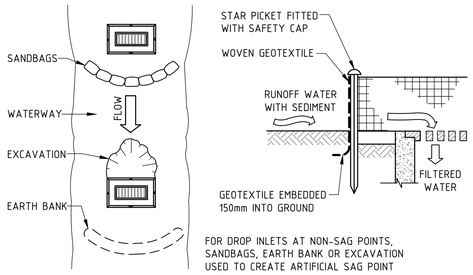
STOCKPILE CONSTRUCTION NOTES:

1. PLACE STOCKPILES MORE THAN 2 (PREFERABLY 5) METRES 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 2 METRES IN HEIGHT.
4. 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.
5. 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





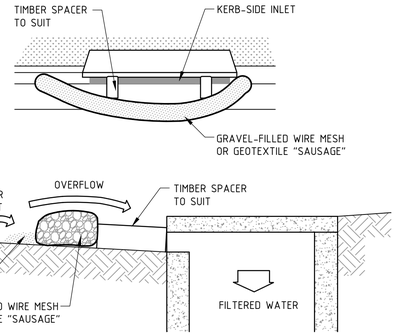
FOR DROP INLETS AT NON-SAG POINTS, SANDBAGS, EARTH BANK OR EXCAVATION USED TO CREATE ARTIFICIAL SAG POINT

GEOTEXTILE INLET FILTER CONSTRUCTION NOTES:

1. FABRICATE A SEDIMENT BARRIER MADE FROM GEOTEXTILE OR STRAW BALES.
2. PICKET SPACING TO BE A MAXIMUM 1.0m 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 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:

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 CAN FIRMLY ABUT EACH OTHER AND SEDIMENT-LADEN WATERS CANNOT PASS BETWEEN.

MESH & GRAVEL INLET FILTER

SCALE N.T.S

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HA	AM	SH	

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AHD	GDA2020 MGA-56	NOT TO SCALE	AT A1 SIZE

TITLE: EROSION AND SEDIMENT CONTROL DETAILS

PROJECT No.	DRAWING No.	REV.
S22042	CI-0710	A

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