

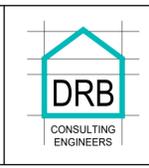
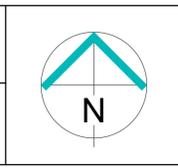


GENERAL ARRANGEMENT PLAN
SCALE 1:500


THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT
 DA2023/1564

REV	DATE	DRN	CHK	APP	DRAWING STATUS
1	17/07/23	M.J.	J.T.	M.M.	ISSUED FOR TENDER
0	06/09/22	C.T.	J.T.	M.M.	ISSUED FOR PRE TENDER ESTIMATES

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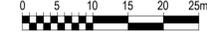
260 MAITLAND ROAD, MAYFIELD
PO BOX 4105 KOTARA EAST 2305
0402 915 549
mathew@drbengineering.com.au
ABN 64 625 755 482

CLIENT
NSW GOVERNMENT - OFFICE OF SPORT

TITLE
GENERAL ARRANGEMENT PLAN

PROJECT
SYDNEY ACADEMY OF SPORT AND RECREATION. PROPOSED UPGRADE BOAT RAMPS WAKEHURST PARKWAY, NORTH NARRABEEN, NSW 2101

DRAWING STATUS
FOR APPROVAL

SCALE
1:500 (A1) 

PROJECT REF No. **221536**

DRAWING No. **CIV-010**

SHEET SIZE
A1

DRAWN
M.J.

REVISION
1

LEGEND

	PROPOSED SANDSTONE RETAINING WALL, REFER TO CIV-022 FOR DETAILS
(500H)	PROPOSED RETAINING WALL HEIGHT
	SUBSOIL DRAINAGE LINE
o FF	FIRST FLUSH DEVICE

northern beaches council

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DA2023/1564



BOAT RAMP 1 PLAN
SCALE 1:50

REV	DATE	DRN	CHK	APP	DRAWING STATUS
1	17/07/23	M.J.	J.T.	M.M.	ISSUED FOR TENDER
0	06/09/22	C.T.	J.T.	M.M.	ISSUED FOR PRE TENDER ESTIMATES

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CONSULTING ENGINEERS

260 MAITLAND ROAD, MAYFIELD
PO BOX 4105 KOTARA EAST 2305
0402 915 549
mathew@drbengineering.com.au
ABN 64 625 755 482

CLIENT
NSW GOVERNMENT - OFFICE OF SPORT

TITLE
BOAT RAMP 1 PLAN

PROJECT
SYDNEY ACADEMY OF SPORT AND RECREATION. PROPOSED UPGRADE BOAT RAMPS WAKEHURST PARKWAY, NORTH NARRABEEN, NSW 2101

DRAWING STATUS FOR APPROVAL		SHEET SIZE A1
SCALE 1:50 (A1)		DRAWN M.J.
PROJECT REF No. 221536	DRAWING No. CIV-020	REVISION 1



WIDTH TO MATCH EXISTING WIDTH OF CONCRETE SLAB. APPROXIMATELY 18.0m

PROVIDE 0.5H x 0.5W x 1.0L SANDSTONE BLOCK TO HIGH WATER MARK. BLOCKS TO FINISH FLUSH AGAINST EXISTING ADJACENT SURFACE LEVEL

REMOVE EXISTING CONCRETE SLAB/WHARF. CARE TO BE TAKEN TO ENSURE ALL CONCRETE IS REMOVED FROM WATERWAY

REMOVE EXISTING PAVEMENT & REPLACE WITH 42mm GEOHEX. REFER TO BOAT RAMP DETAIL 2

RAMP TO EXTEND APPROXIMATELY 10m BACK FROM WATERS EDGE TO MAINTAIN MAX 10% SLOPE TO WATERS EDGE. TIE LEVELS NEATLY TO EXISTING

RAMP GRADE TO BE MAXIMUM 10% FROM EXISTING ROAD PAVEMENT EDGE TO WATERLINE.

LEGEND

	PROPOSED SANDSTONE RETAINING WALL, REFER TO CIV-022 FOR DETAILS
(500H)	PROPOSED RETAINING WALL HEIGHT
	SUBSOIL DRAINAGE LINE
o FF	FIRST FLUSH DEVICE

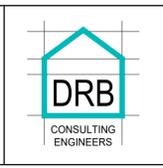
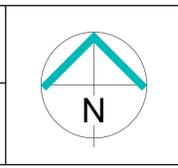
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 DA2023/1564

BOAT RAMP 2 PLAN
SCALE 1:50

REV	DATE	DRN	CHK	APP	DRAWING STATUS
1	17/07/23	M.J.	J.T.	M.M.	ISSUED FOR TENDER
0	06/09/22	C.T.	J.T.	M.M.	ISSUED FOR PRE TENDER ESTIMATES

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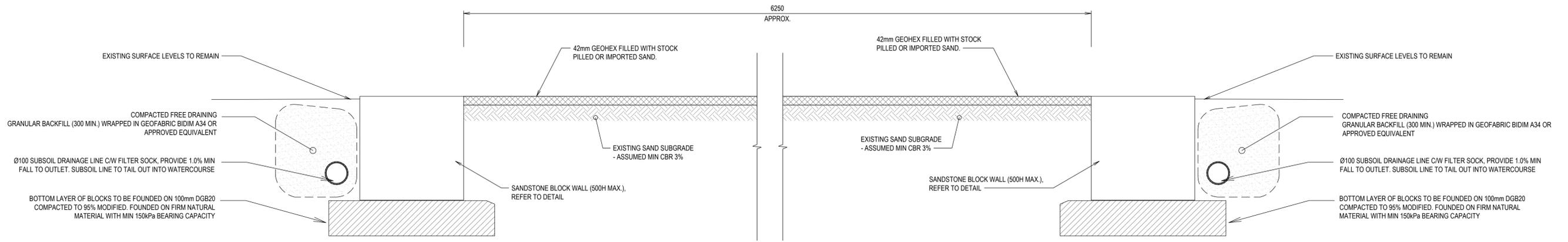
260 MAITLAND ROAD, MAYFIELD
 PO BOX 4105 KOTARA EAST 2305
 0402 915 549
 mathew@drbengineering.com.au
 ABN 64 625 755 482

CLIENT
NSW GOVERNMENT - OFFICE OF SPORT

TITLE
BOAT RAMP 2 PLAN

PROJECT
SYDNEY ACADEMY OF SPORT AND RECREATION. PROPOSED UPGRADE BOAT RAMPS WAKEHURST PARKWAY, NORTH NARRABEEN, NSW 2101

DRAWING STATUS FOR APPROVAL		SHEET SIZE A1
SCALE 1:50 (A1)		DRAWN M.J.
PROJECT REF No. 221536	DRAWING No. CIV-021	REVISION 1

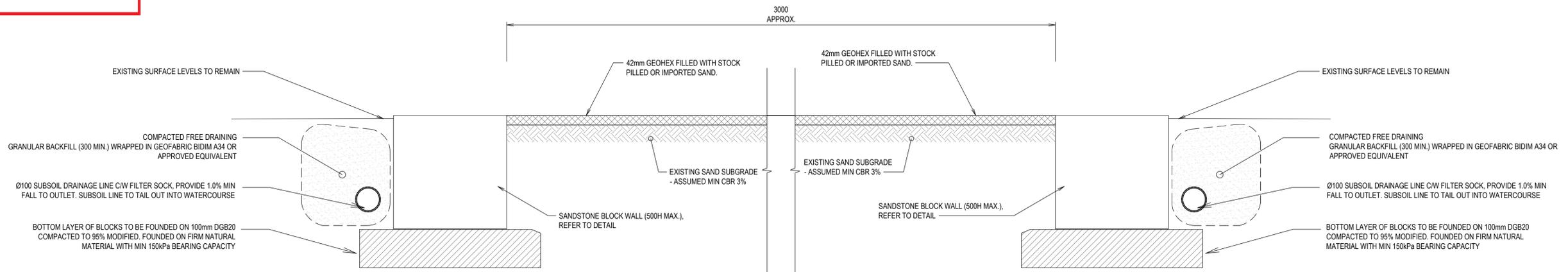


BOAT RAMP 1 SECTION A-A
SCALE 1:10

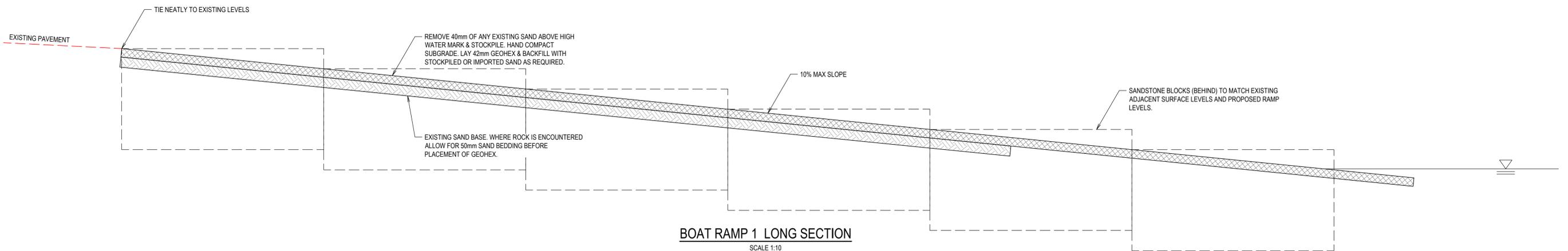
northam beaches council

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DA2023/1564



BOAT RAMP 1 SECTION B-B
SCALE 1:10



BOAT RAMP 1 LONG SECTION
SCALE 1:10

REV	DATE	DRN	CHK	APP	DRAWING STATUS
2	06/08/23	M.M.		M.M.	ISSUED FOR TENDER
1	17/07/23	M.J.	J.T.	M.M.	ISSUED FOR TENDER
0	06/09/22	C.T.	J.T.	M.M.	ISSUED FOR PRE TENDER ESTIMATES

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PO BOX 4105 KOTARA EAST 2305
0402 915 549
mathew@drbengineering.com.au
ABN 64 625 755 482

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TITLE
BOAT RAMP 1 SECTIONS & DETAILS

PROJECT
SYDNEY ACADEMY OF SPORT AND RECREATION. PROPOSED UPGRADE BOAT RAMPS WAKEHURST PARKWAY, NORTH NARRABEEN, NSW 2101

DRAWING STATUS
FOR APPROVAL

SCALE
SCALE VARIES

PROJECT REF No.
221536

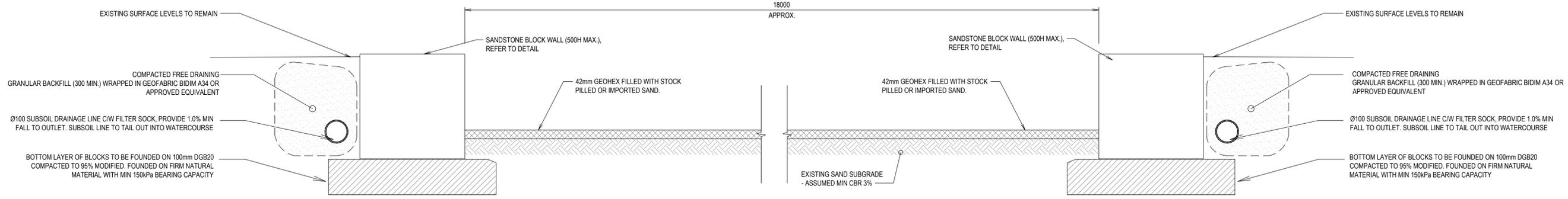
DRAWING No.
CIV-022

SHEET SIZE
A1

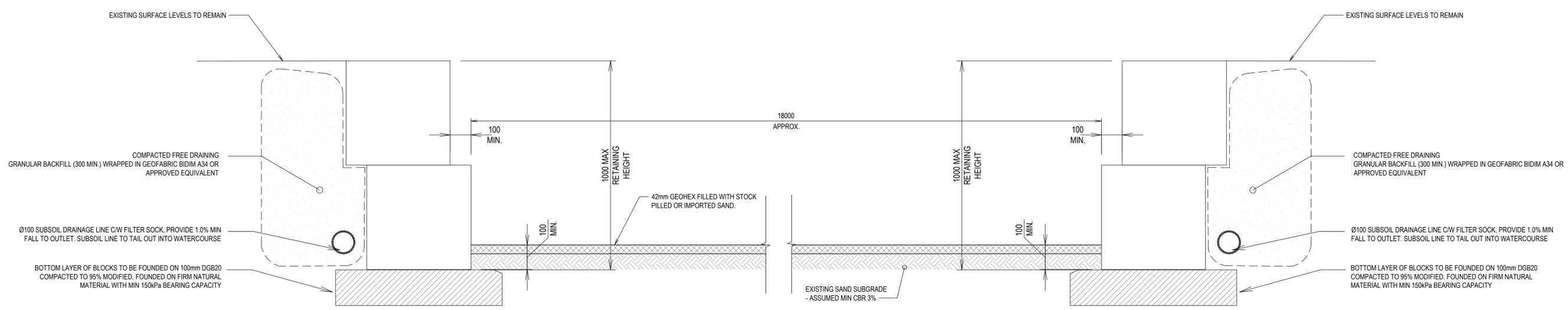
DRAWN
M.J.

REVISION
2

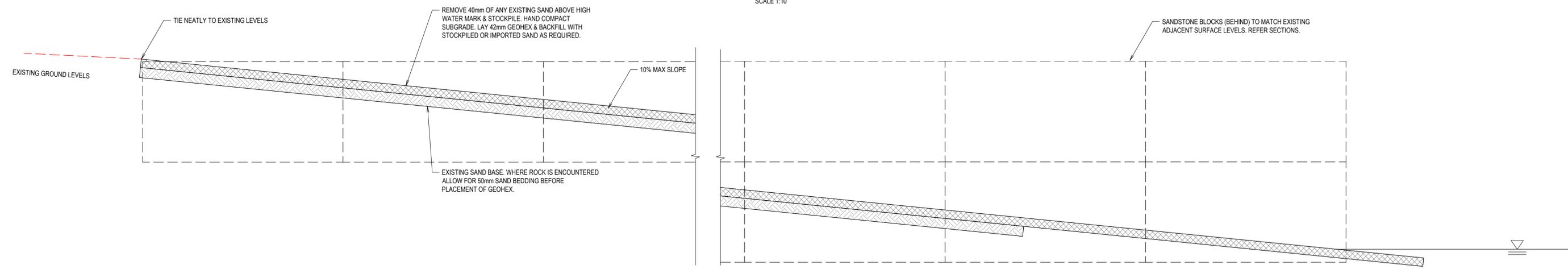
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BOAT RAMP 2 SECTION A-A
SCALE 1:10



BOAT RAMP 2 SECTION B-B
SCALE 1:10



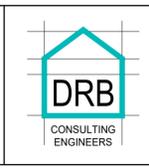
BOAT RAMP 2 TYPICAL LONG SECTION
SCALE 1:10

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TITLE
BOAT RAMP 2 SECTIONS & DETAILS

PROJECT
SYDNEY ACADEMY OF SPORT AND RECREATION. PROPOSED UPGRADE BOAT RAMPS WAKEHURST PARKWAY, NORTH NARRABEEN, NSW 2101

DRAWING STATUS FOR APPROVAL		SHEET SIZE A1
SCALE SCALE VARIES		DRAWN M.J.
PROJECT REF No. 221536	DRAWING No. CIV-023	REVISION 2