

# RIP ROAD FORESHORE RESERVE FOR CENTRAL COAST COUNCIL

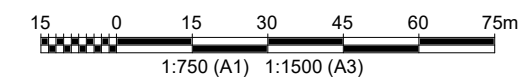
**NOTES**

1. ALL LEVELS IN METRES (m) TO AUSTRALIAN HEIGHT DATUM (AHD).
2. ALL DIMENSIONS ARE IN MILLIMETRES UNO.
3. DRAWINGS TO BE READ IN CONJUNCTION WITH TECHNICAL SPECIFICATION.



**LOCALITY PLAN**  
1: 1500(A1)

DRAWING LIST	
NUMBER	TITLE
0010	TITLE SHEET, DRAWING LIST & LOCALITY PLAN
0050	SITE PLAN
0075	GENERAL ARRANGEMENT
0150	PERSPECTIVES
0200	SEAWALL TYPICAL DETAILS
0300	DINGHY SKID & TYPICAL STAIR DETAILS
0400	REVETMENT DETAILS
0500	MISCELLANEOUS DETAILS



**D2 FOR TENDER**

**AUSTRALIAN HEIGHT DATUM**

REV	DATE	DESCRIPTION	JPC	RP	GB
A	30.10.2019	FOR TENDER			

REVISIONS

CLIENT



PROJECT  
**RIP ROAD RESERVE  
FORESHORE REHABILITATION  
TEAM**

TITLE  
**TITLE SHEET, DRAWING LIST &  
LOCALITY PLAN**



DRAWN	JPC	COORD. SYSTEM	DATUM
DATE	30.10.2019	SCALE MGA 56 AT A1	AHD REF: PA1952

DRAWING No.	REVISION
PA1952-RHD-00-DR-MA-0010	A





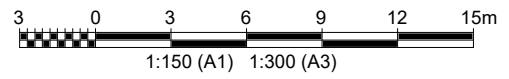
BRISBANE WATERS



- NOTES**
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  - ALL DIMENSIONS ARE IN MILLIMETRES UNO.
  - DRAWINGS TO BE READ IN CONJUNCTION WITH TECHNICAL SPECIFICATION.

- EXISTING SERVICES LEGEND:**
- EXISTING SEWER MAIN (SIZE UNKNOWN) —
  - EXISTING DRAINAGE LINE (GRADE UNKNOWN) —
  - EXISTING OVERHEAD ELECTRIC —

**SITE PLAN**  
1:150(A1)



**D2 FOR TENDER**

**AUSTRALIAN HEIGHT DATUM**

REV	DATE	DESCRIPTION	BY	CHK	APP
A	30.10.2019	FOR TENDER	JPC	RP	GB



**PROJECT**  
RIP ROAD RESERVE  
FORESHORE REHABILITATION  
TEAM

**TITLE**  
SITE PLAN

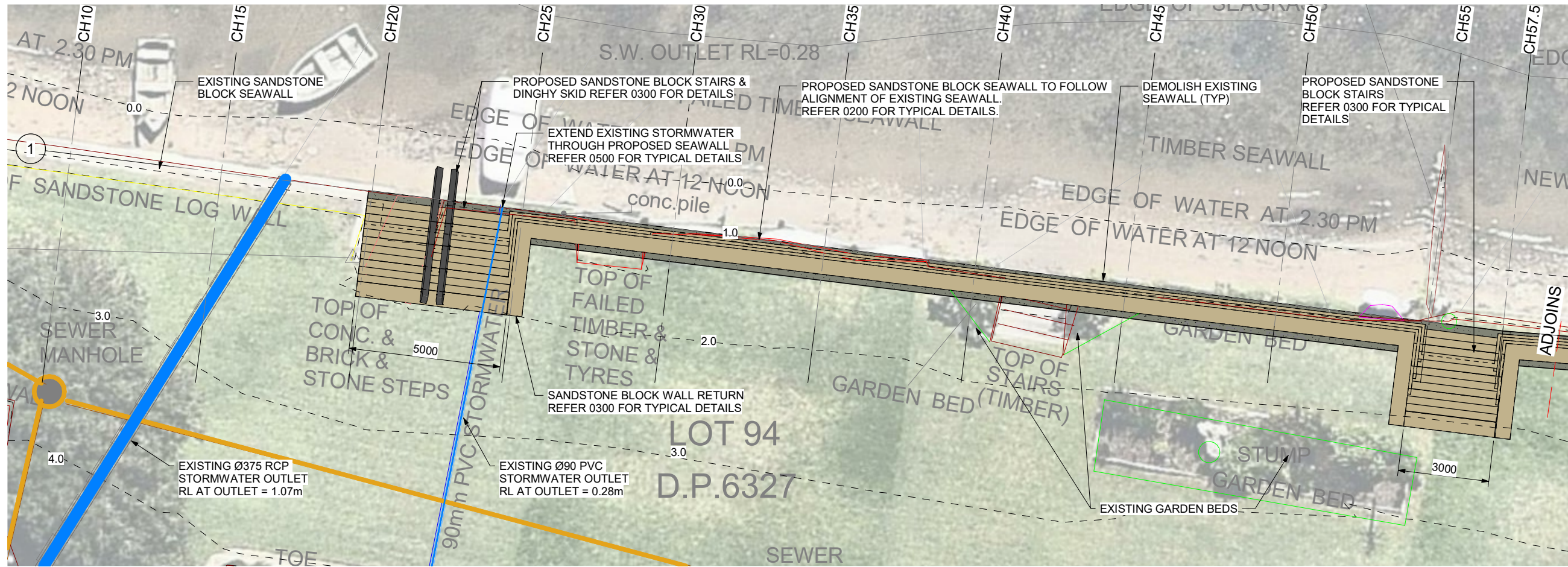
**Royal HaskoningDHV**  
*Enhancing Society Together*

North Sydney NSW 2060 Australia  
Tel +61 2 8854 5000  
Email info@rhdhv.com  
www.royalhaskoningdhv.com

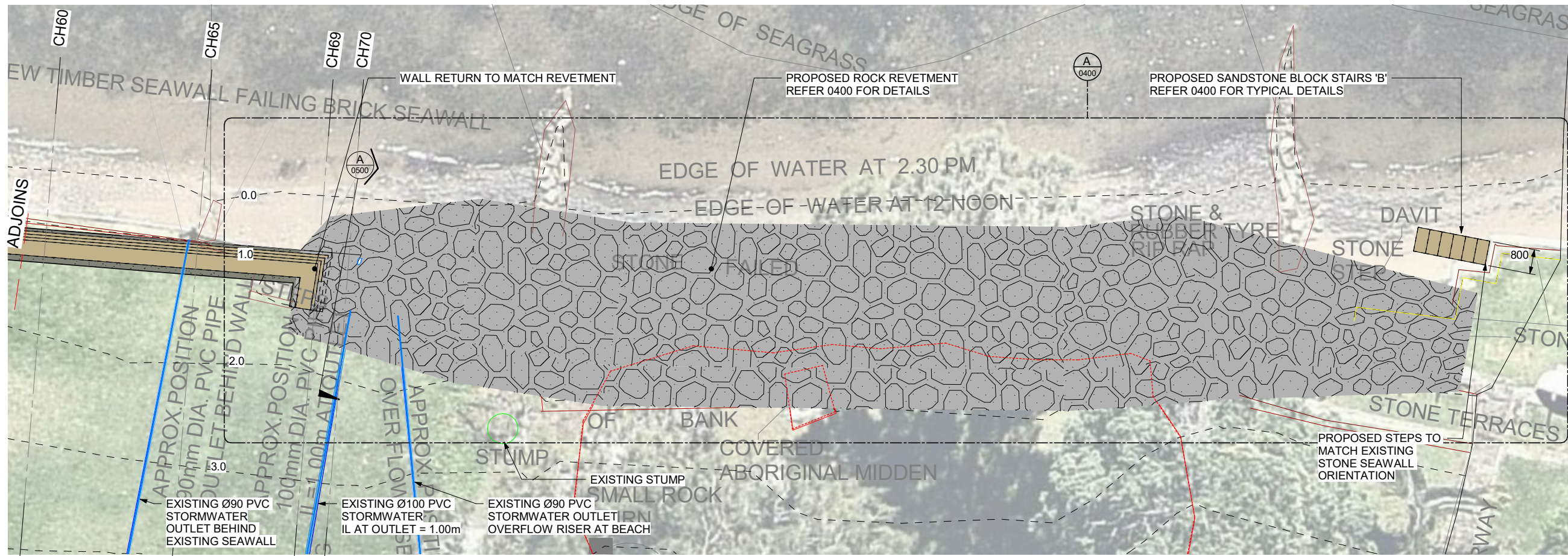
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DATE	30.10.2019	SCALE	AHD
DRAWING No.	PA1952-AT1	As indicated	REF.
			PA1952
DRAWING No. PA1952-RHD-00-DR-MA-0050			REVISION
			A

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**GENERAL ARRANGEMENT - PART A**  
1: 75(A1)



**GENERAL ARRANGEMENT - PART B**  
1: 75(A1)

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EXISTING PVC DRAINAGE SCHEDULE		
LOCATION	SIZE	INVERT ELEVATION
CH24	90 mmø	0.40 m
CH65	90 mmø	0.99 m
CH70	100 mmø	1.00 m
CH75	90 mmø	0.36 m

1

**D2 FOR TENDER**

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A	30.10.2019	FOR TENDER			

REVISIONS

CLIENT

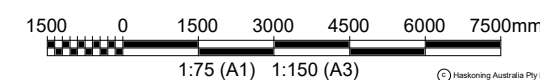


PROJECT  
**RIP ROAD RESERVE  
FORESHORE REHABILITATION  
TEAM**

TITLE  
**GENERAL ARRANGEMENT**



DRAWN	JPC	COORD. SYSTEM	DATUM
DATE	30.10.2019	MGA 56	AHD
DRAWING No.		SCALE	REF.
		AT A1	PA1952
REVISION			
			PA1952-RHD-00-DR-MA-0075
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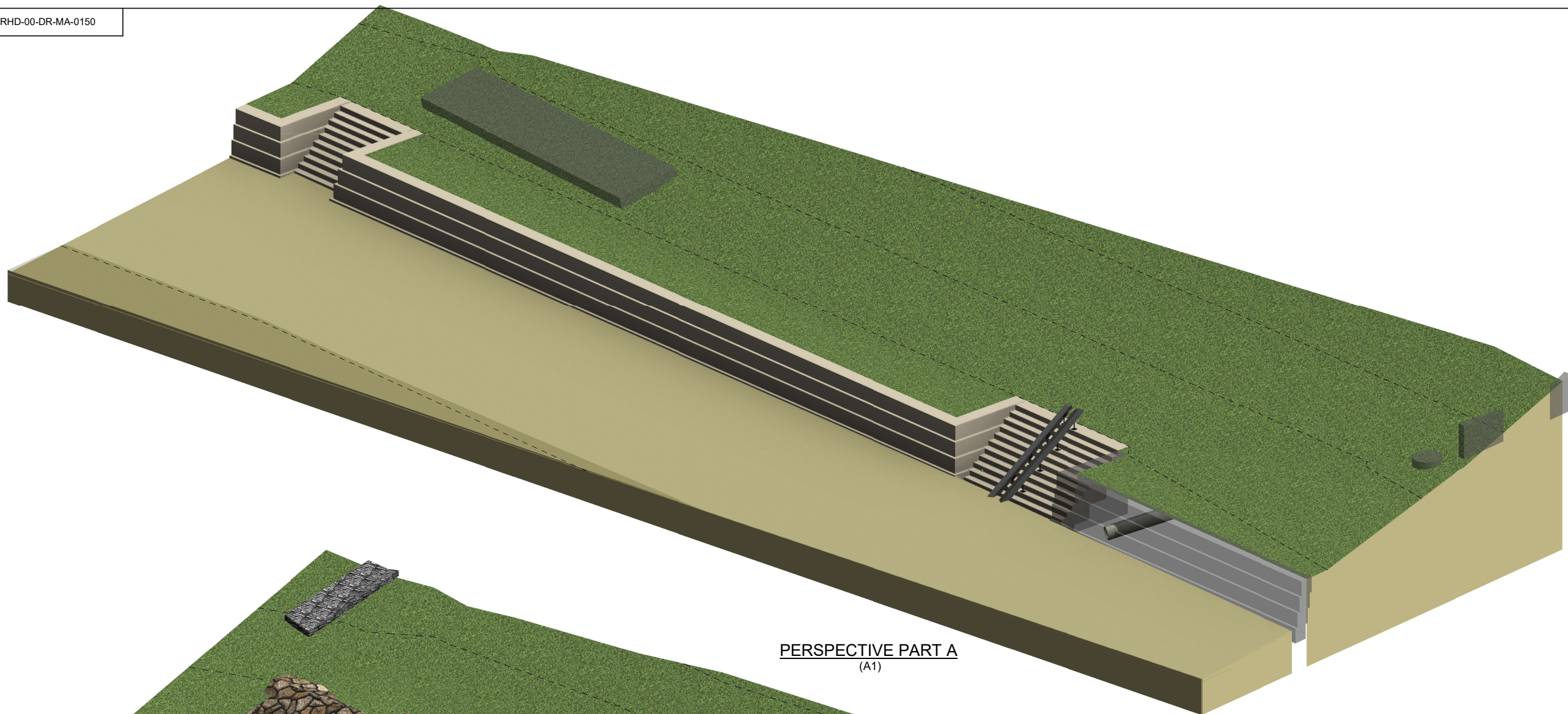


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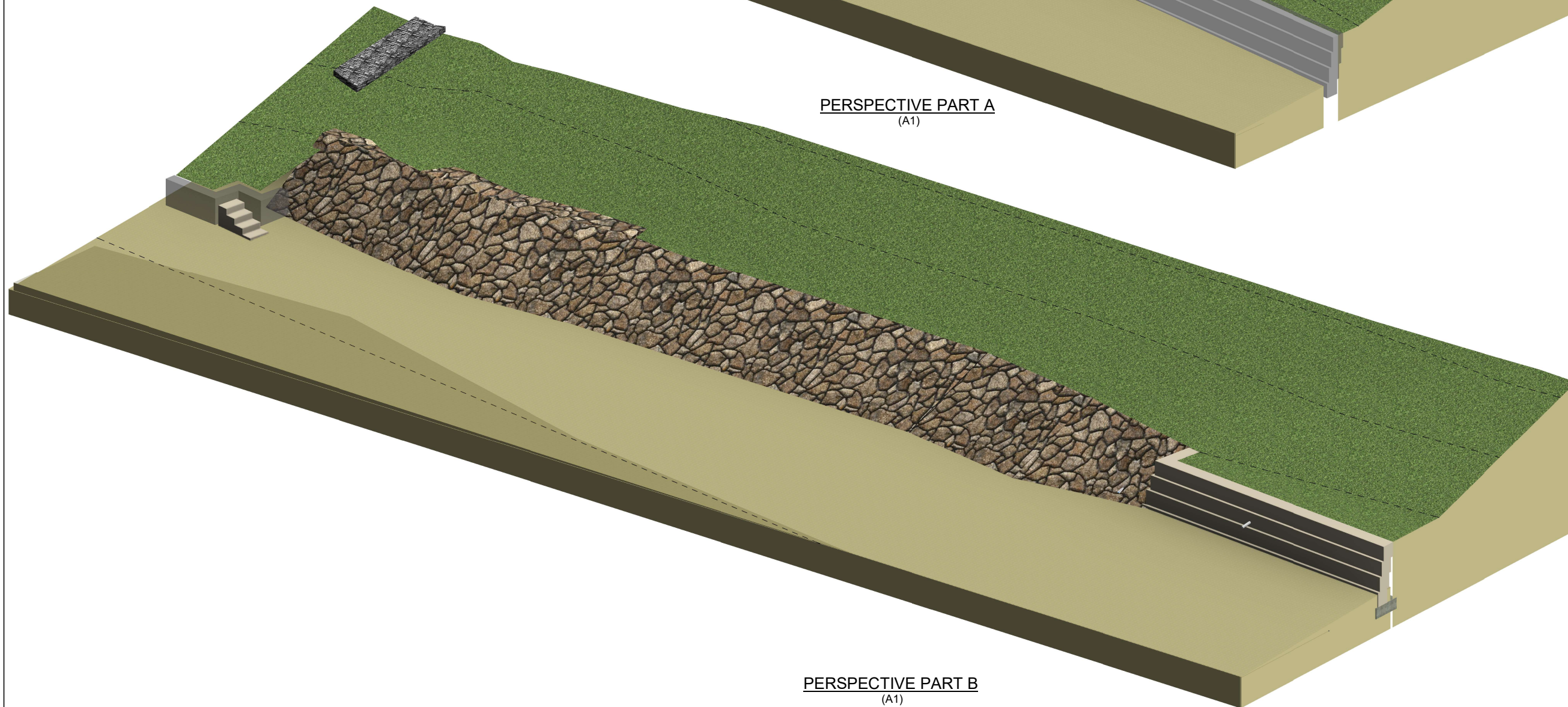


**NOTES**

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**PERSPECTIVE PART A**  
(A1)



**PERSPECTIVE PART B**  
(A1)

**D2 FOR TENDER**

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A	30.10.2019	FOR TENDER			

REVISIONS

CLIENT



PROJECT  
**RIP ROAD RESERVE  
FORESHORE REHABILITATION  
TEAM**

TITLE

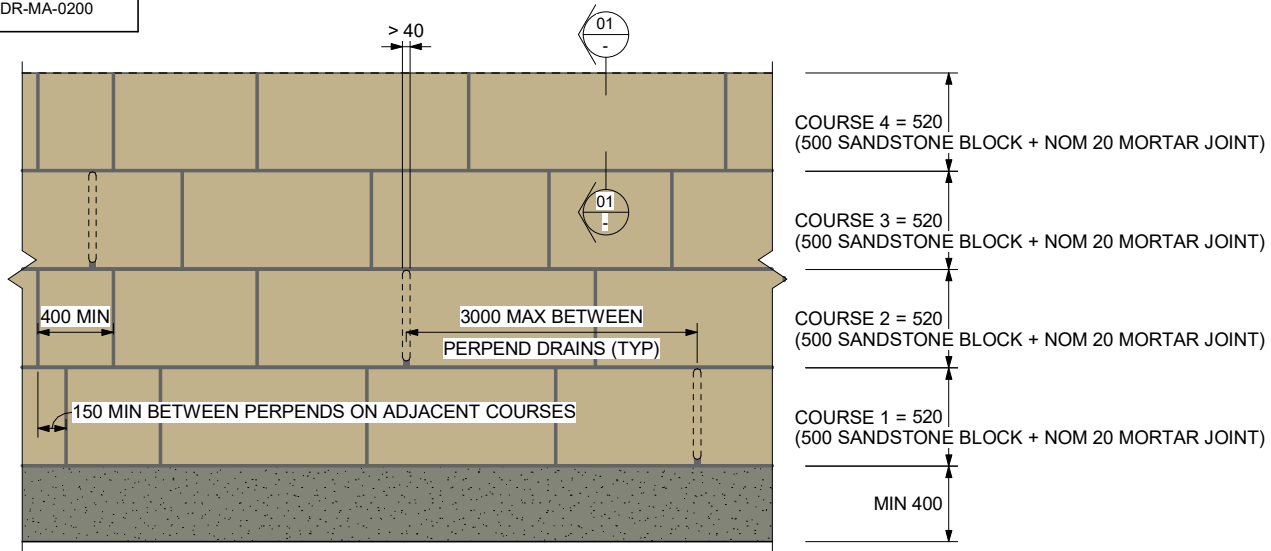
**PERSPECTIVES**



DRAWN	JPC	COORD. SYSTEM	DATUM
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		AT A1	REF.
		NTS	PA1952

DRAWING No.	REVISION
PA1952-RHD-00-DR-MA-0150	A

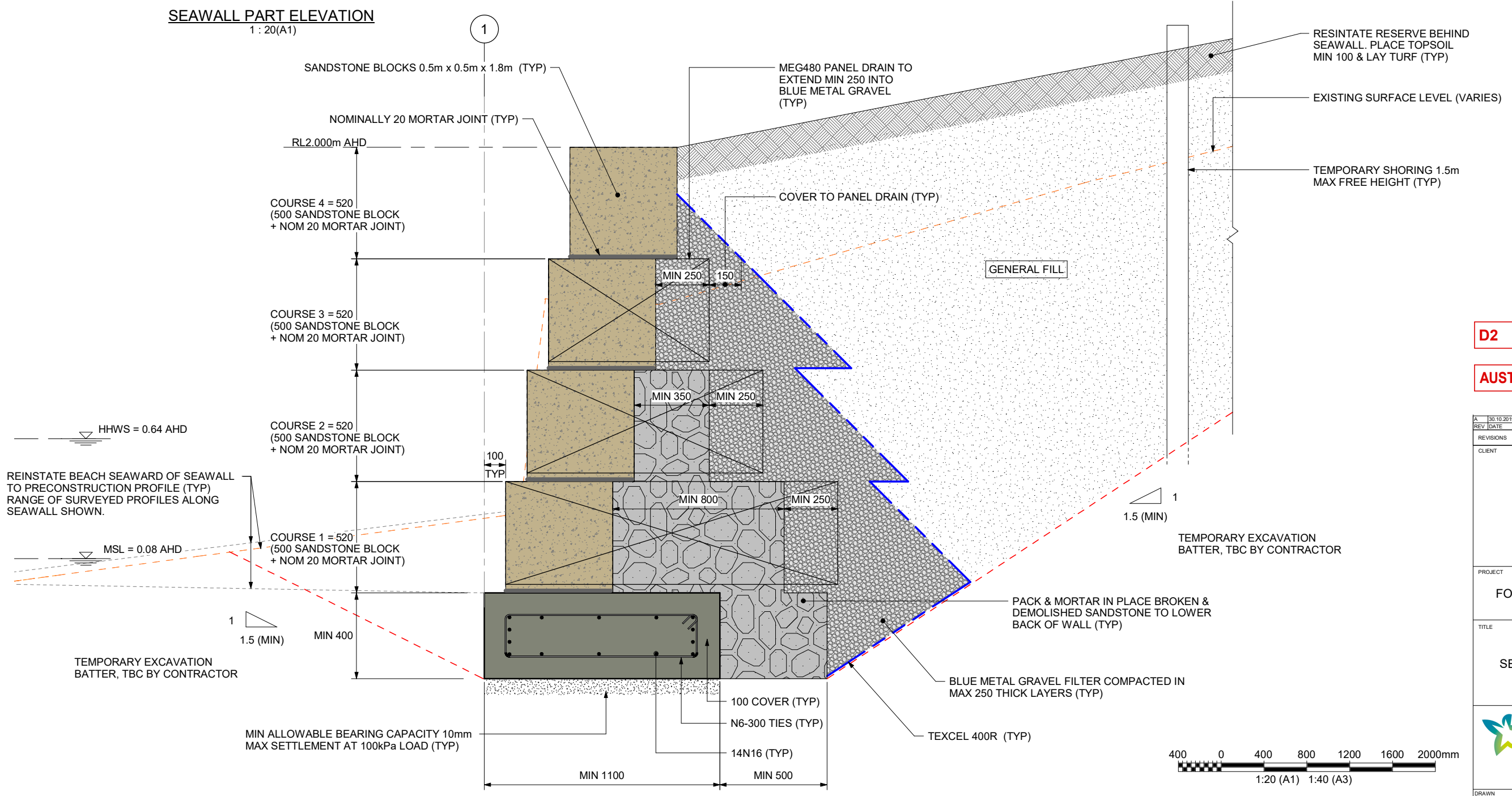




**SEAWALL PART ELEVATION**  
1:20(A1)

**NOTES**

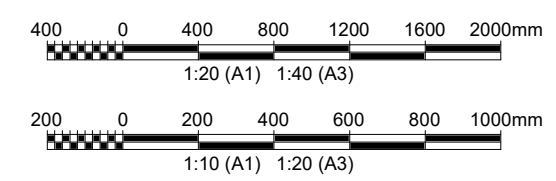
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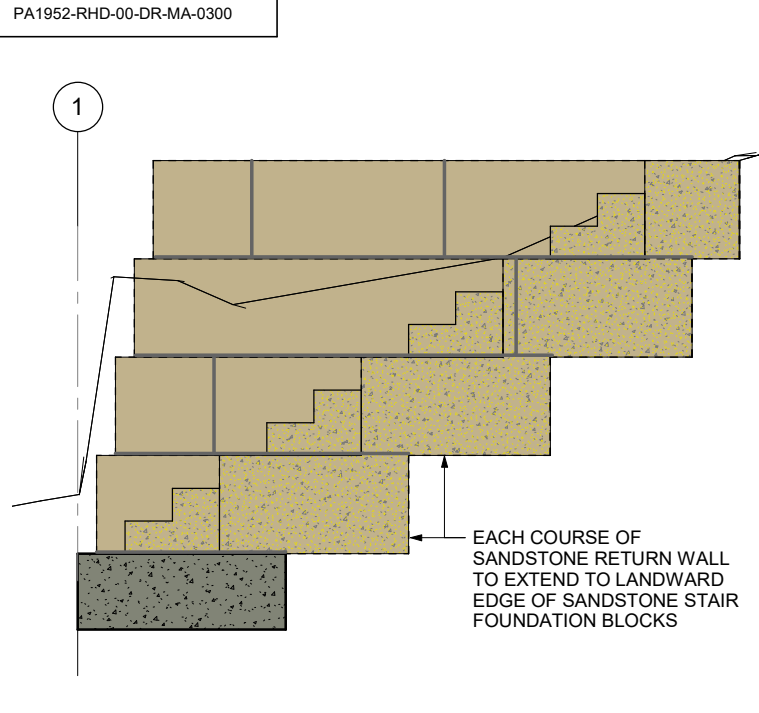
**SECTION 01**  
1:10 (A1)

**D2 FOR TENDER**  
**AUSTRALIAN HEIGHT DATUM**

REV	DATE	DESCRIPTION	JPC	RP	GB
A	30.10.2019	FOR TENDER			
REVISIONS					
CLIENT					
PROJECT					
RIP ROAD RESERVE FORESHORE REHABILITATION TEAM					
TITLE					
SEAWALL TYPICAL DETAILS					
DRAWN					
DATE					
30.10.2019					
DRAWING No.					
PA1952-RHD-00-DR-MA-0200					
REVISION					
A					

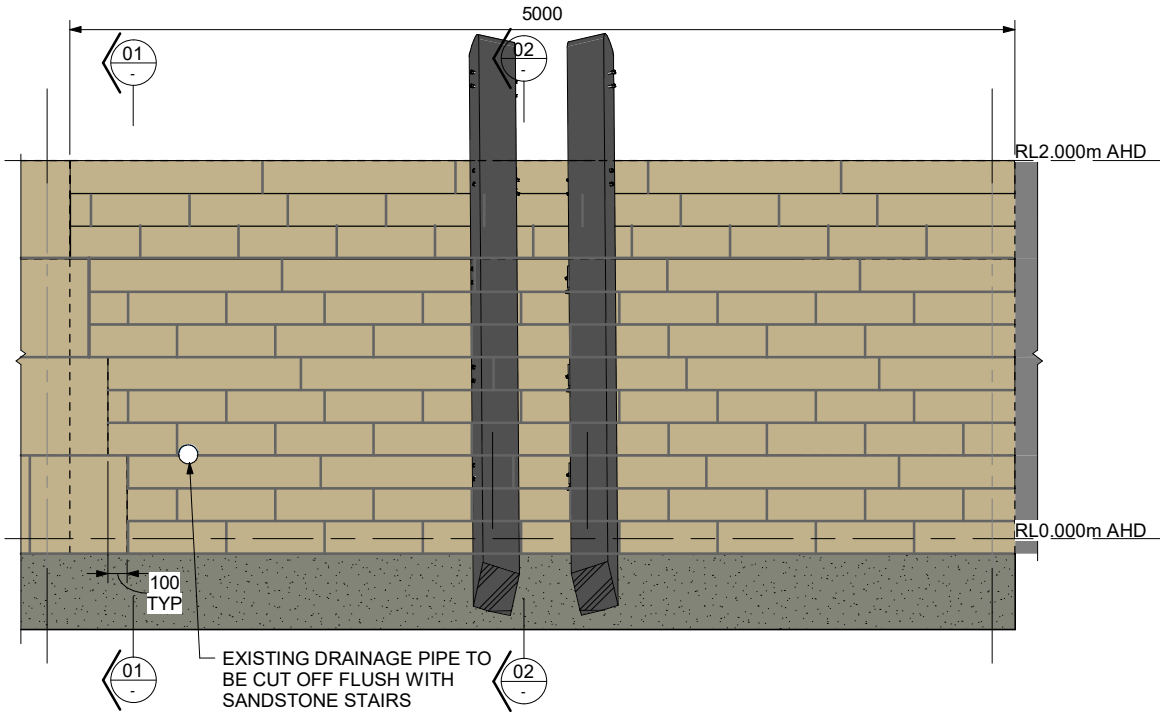






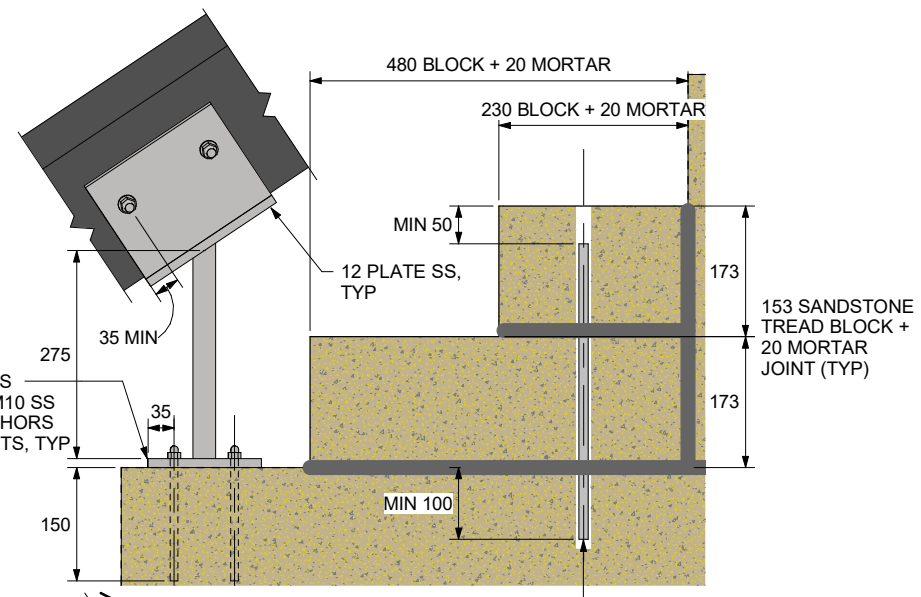
TYPICAL SANDSTONE RETURN WALL DETAIL

SECTION 01  
1:20 (A1)



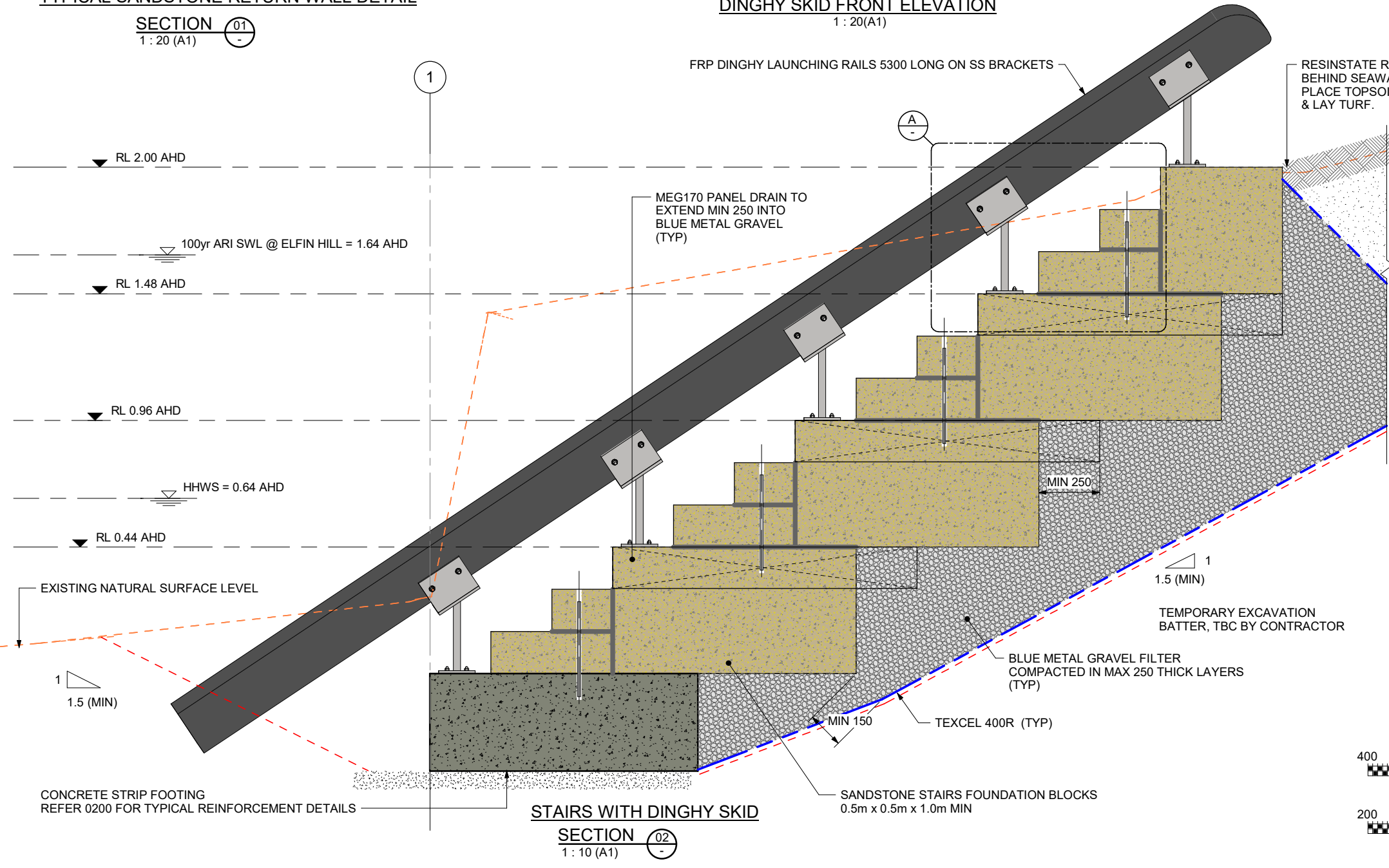
DINGHY SKID FRONT ELEVATION

1:20 (A1)



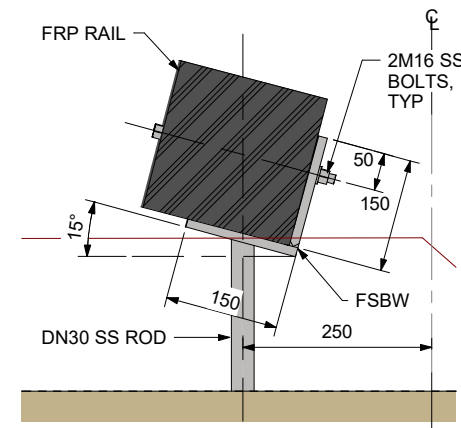
DETAIL A  
1:5 (A1)

Ø12 GR316 SS THREADED ROD IN Ø20 HOLE, GROUTED WITH CONBETRA DEEP POUR OR APPROVED EQUIVALENT. MIN ONE PER TREAD BLOCK, TYP



STAIRS WITH DINGHY SKID

SECTION 02  
1:10 (A1)



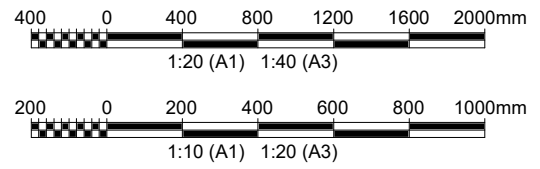
SECTION 04  
1:5 (A1)

BRACKET TO BE FABRICATED FROM GRADE 316 STAINLESS STEEL

NOTES

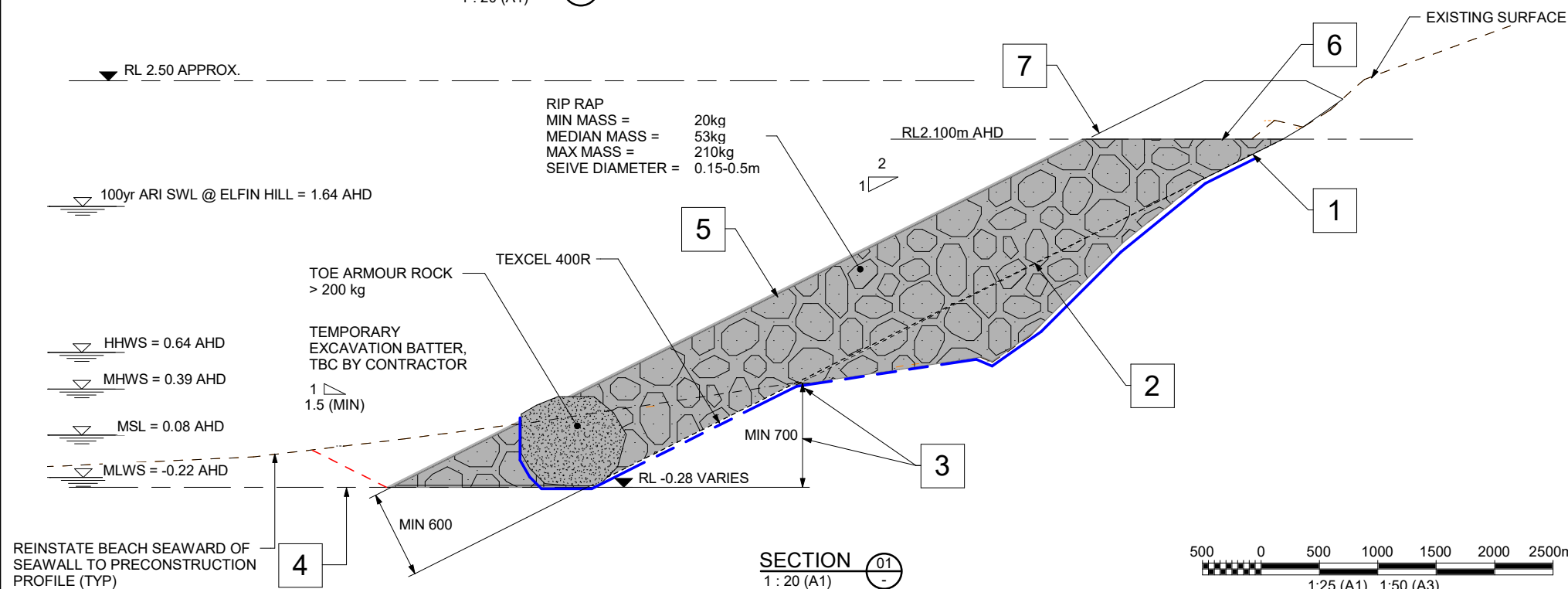
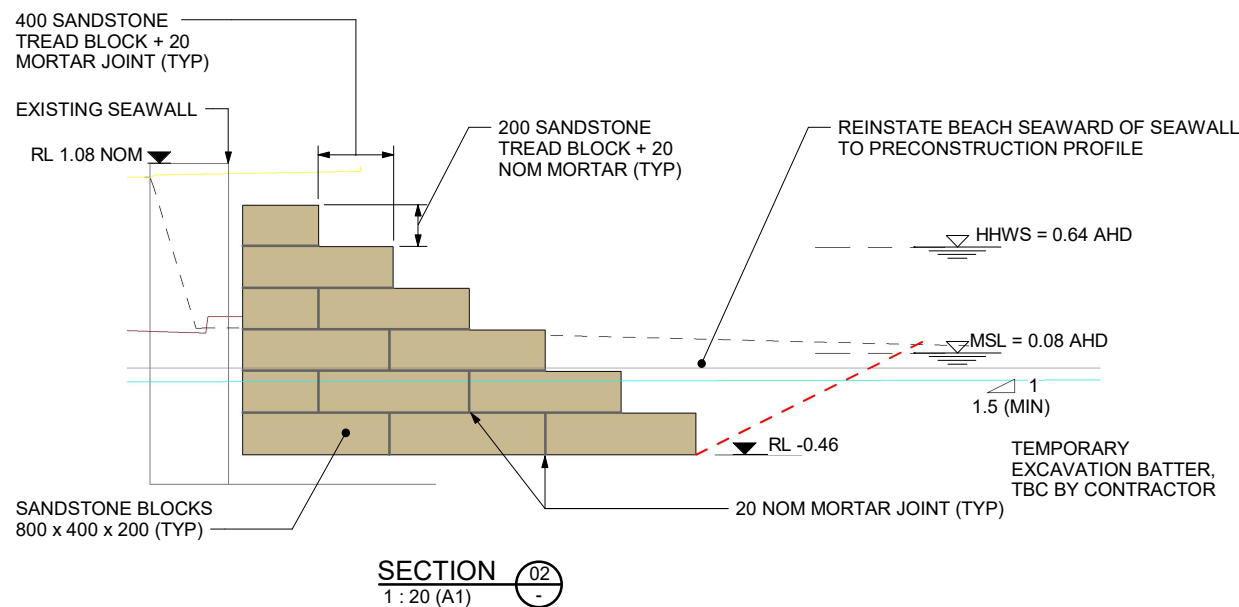
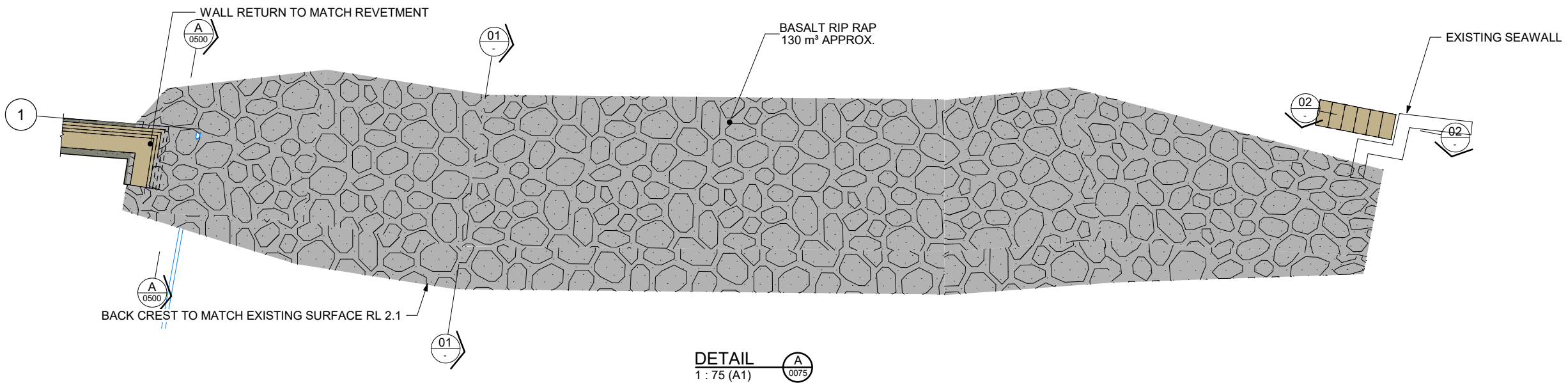
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**D2 FOR TENDER**  
**AUSTRALIAN HEIGHT DATUM**



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REVISIONS					
CLIENT					
PROJECT					
RIP ROAD RESERVE FORESHORE REHABILITATION TEAM					
TITLE					
DINGHY SKID & TYPICAL STAIR DETAILS					
DRAWN					
DATE					
30.10.2019					
DRAWING No.					
PA1952-RHD-00-DR-MA-0300					
REVISION					
A					



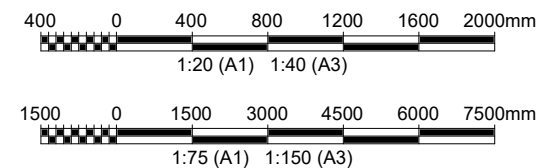


DESIGN DEVELOPMENT

- PICK CREST POINT ON TANGENT OF EMBANKMENT.
- SLOPE TEMPORARY EXCAVATION BATTER AT 1V:2H (TBC).
- WHERE 1V:2H BATTER CUTS EXISTING BED, DEFINE DESIGN SCOUR LEVEL AT 700mm DOWN FROM BED. RIP RAP STRUCTURE CARRIED DOWN TO THIS LEVEL.
- DESIGN SCOUR RL FOR THIS SECTION.
- MAP RIP RAP LAYER, MIN 600 THICK AT 1V : 2H
- SELECT REVETMENT CREST LEVEL AT 2.1m AHD MAXIMUM RUNUP LEVEL TODAY.
- ADAPTIVE PROFILE TO CATER FOR SEA LEVEL RISE.

DESIGN WAVE CONDITIONS

H<sub>s</sub> = 0.67m  
T<sub>p</sub> = 2.3s  
DIRECTION = NORTH



A	30.10.2019	FOR TENDER	JPC	RP	GB
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TEAM

TITLE

REVETMENT DETAILS



DRAWN	JPC	COORD. SYSTEM	DATUM
DATE	30.10.2019	SCALE	AHD
DRAWING No.	PA1952	As indicated	REF.
			PA1952

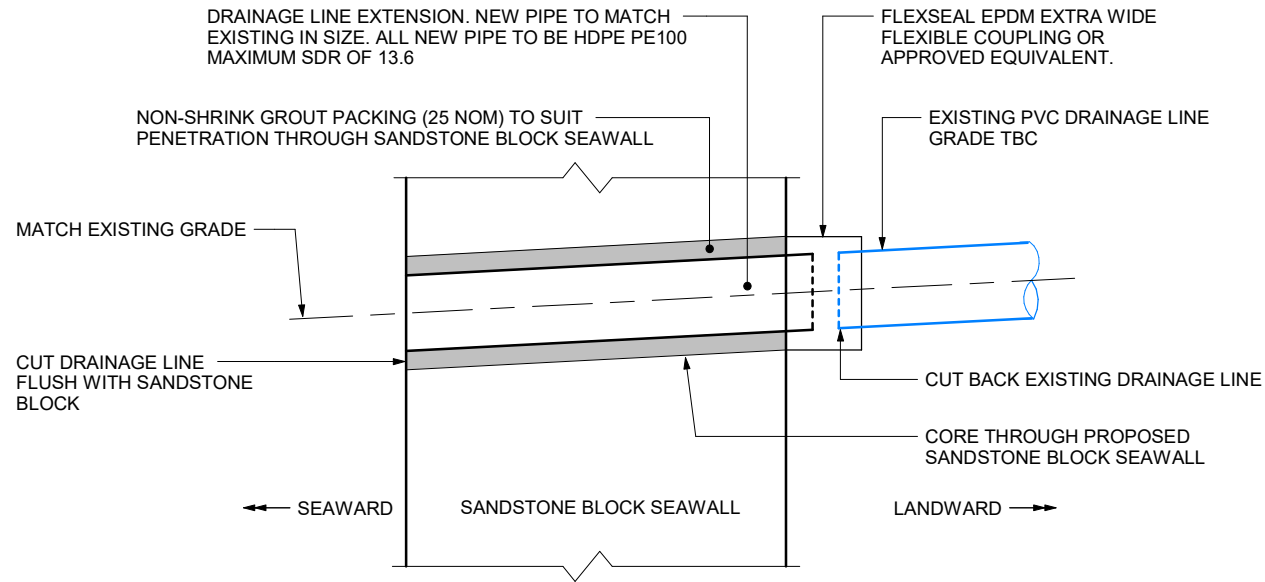
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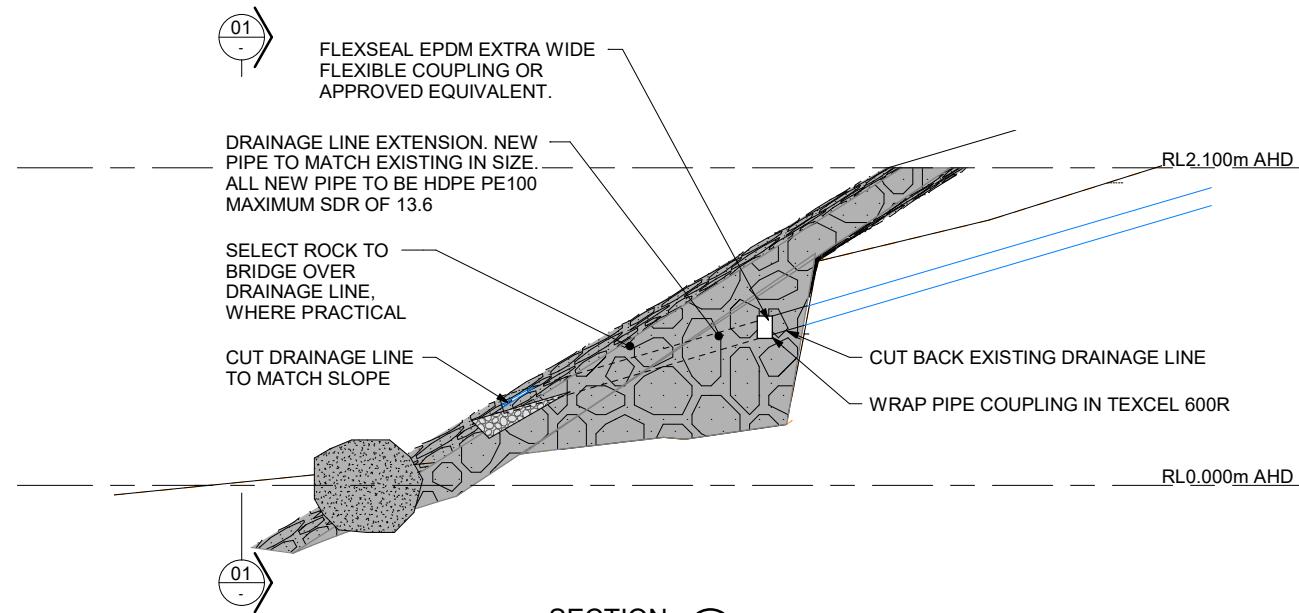


**NOTES**

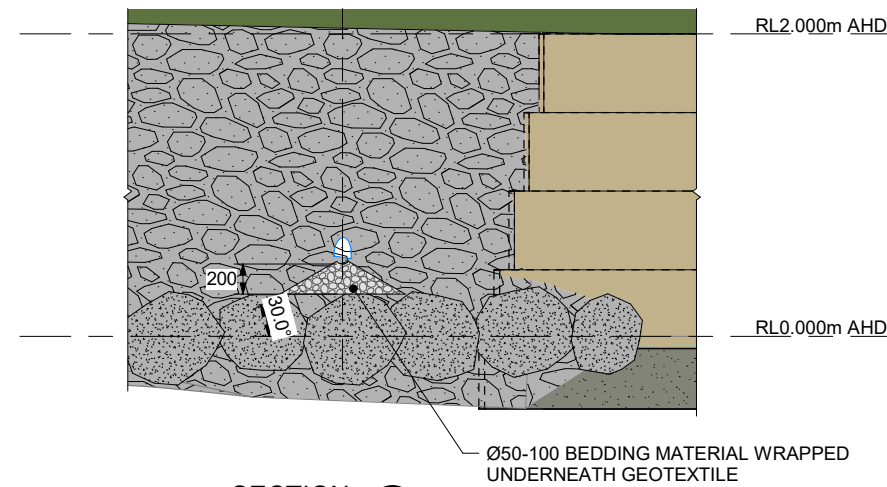
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**DRAINAGE OUTLET EXTENSION AT SEAWALL**  
1 : 5 (A1)



**DRAINAGE OUTLET EXTENSION AT REVETMENT**  
1 : 25 (A1)



**SECTION 01**  
1 : 25 (A1)

**D2 FOR TENDER**

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EXISTING PVC DRAINAGE SCHEDULE		
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CH65	90 mmø	0.99 m
CH70	100 mmø	1.00 m
CH75	90 mmø	0.36 m

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TITLE

MISCELLANEOUS DETAILS



DRAWN	JPC	COORD. SYSTEM	DATUM
DATE	30.10.2019	SCALE	As indicated
DRAWING No.	PA1952-RHD-00-DR-MA-0500	REVISION	A

