

19 November 2018

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Re: Exploratory Works for Snowy 2.0 – Second amendment to Talbingo boat ramp

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Dear Nicole,

This letter provides details on a second amendment to the design of the Talbingo boat ramp upgrade which forms part of the proposed Exploratory Works for Snowy 2.0. This letter replaces the letter provided to the Department on 25 October 2018 which provided details on the first amendment to the design of the Talbingo boat ramp.

The Talbingo boat ramp upgrade was described in Section 3.3.1 of the response to submissions (RTS) for Exploratory Works for Snowy 2.0. Indicative layouts were also provided for three design options under consideration in Figure 3.1, 3.2 and 3.3 of the RTS.

The design options in Figure 3.1, 3.2 and 3.3 in the RTS were initially modified on 25 October 2018 to ensure there are no works or structures associated with the boat ramp upgrade outside of Snowy Hydro owned land (ie not within NPWS owned land). As such, the informal walking track from the boat ramp area into the national park shown on Figure 3.1, 3.2 and 3.3 in the RTS was removed ensuring that all works associated with the upgrade would be contained within areas historically cleared and disturbed by the original construction of the boat ramp.

Following consultation with members of the Talbingo community and the Department after 25 October 2018, the plans of the upgrade to the Talbingo boat ramp have been further amended to include two parallel parking spaces near the boat ramp for people with All Abilities. To allow for these two parking spaces, the existing pedestrian pathway on the southern side of the boat ramp will be diverted further to the south. A minor amount of excavation within the existing batter slope to the south of the boat ramp will be required for the construction of the diverted pedestrian pathway resulting in a retaining wall up to about 2 metres high.

Current plans of the upgrade to the Talbingo boat ramp (incorporating the two parallel parking spaces for people with All Abilities) are provided in Appendix A. These plans are consistent with the three options presented in the RTS apart from works or structures on NPWS owned land and the provision of the All Abilities parking spaces. The plans provided in Appendix A are intended to replace the indicative layouts presented in Figure 3.1, 3.2 and 3.3 of the RTS.

Excavation within the existing batter slope will require the removal of two small (regrowth) trees. The existing batter slope is an area already impacted by works associated with construction of the boat ramp. Regrowth in this area (ie the two small trees) could be cleared as part of standard maintenance works without the need for approval.

In summary, all works associated with the upgrade to the Talbingo boat ramp are now contained on Snowy Hydro owned land and within areas historically cleared and disturbed by the original construction of the boat ramp. Two small (regrowth) trees will be removed through excavation works within an existing batter slope to facilitate the provision of two All Abilities parking spaces. These trees could be cleared as part of standard maintenance works without the need for approval. Accordingly, the amendments to the design of the Talbingo boat ramp upgrade are not anticipated to have any additional impacts beyond what was considered in the RTS.

I trust that this letter and amended plans provided in Appendix A provide clarification regarding the likely design and location of the Talbingo boat ramp upgrade.

Yours sincerely



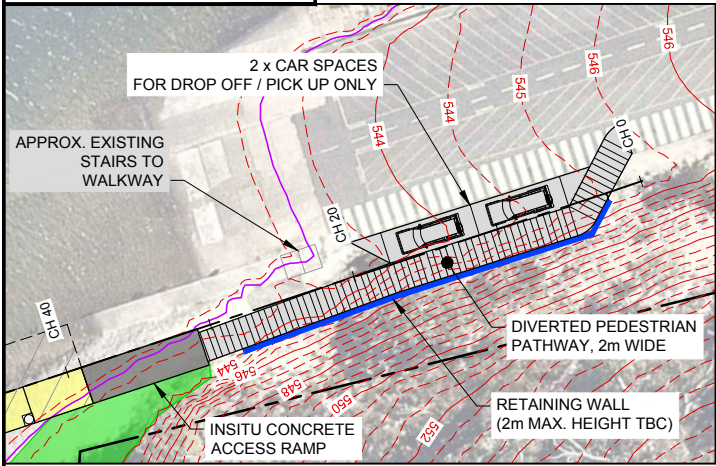
Brett McLennan  
Director  
bmclennan@emmconsulting.com.au

## Appendix A

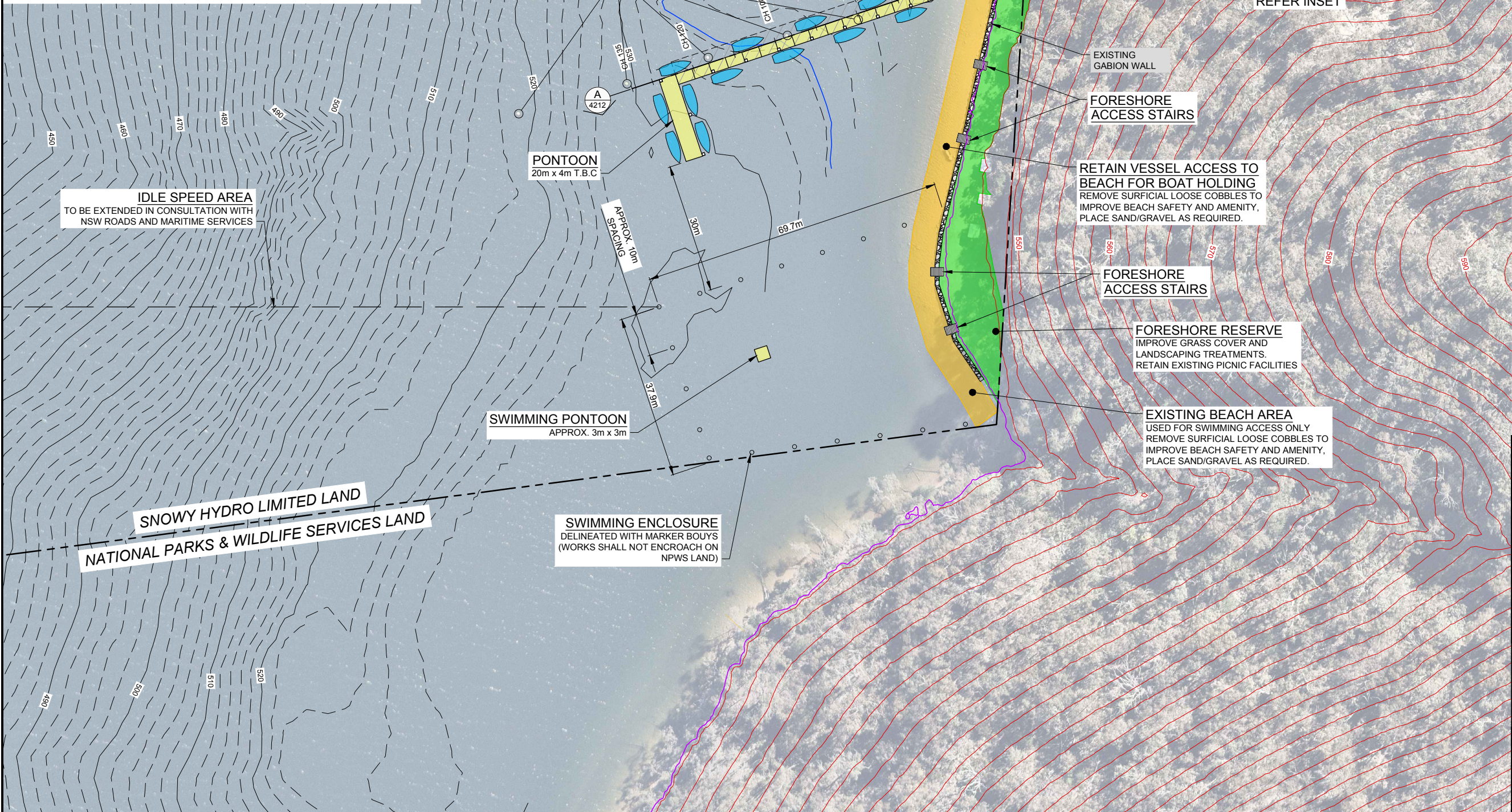
### Amended plans – Talbingo boat ramp upgrade

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INSET  
1:250 (A1)



## NOTES

1. AERIAL PHOTOGRAPH SOURCED FROM NEARMAP, DATED 26/03/2017.

## LEGEND

- LIDAR CONTOUR
- BATHYMETRIC CONTOUR (26/02/2018)
- FULL SUPPLY LEVEL (FSL) = RL 543.19mAHD
- MIN. OPERATING LEVEL (MOL) = RL 534.35mAHD
- SHL/NPWS LAND OWNERSHIP BOUNDARY

REV	DATE	DESCRIPTION	BY	CHK	APP
C	02.11.2018	ISSUED FOR INFORMATION	BAM	MP	-
B	18.10.2018	ISSUED FOR INFORMATION	BAM	MP	-
A	24.09.2018	ISSUED FOR INFORMATION	BAM	MP	-

## REVISIONS

## CLIENT

**snowyhydro**  
renewable energy

## PROJECT

SNOWY 2.0

## TITLE

TALBINGO DAM WALL  
RECREATIONAL INFRASTRUCTURE  
OPTION 1 PLAN

**Royal HaskoningDHV**  
Enhancing Society Together

Level 14, 55 Barry Street  
North Sydney NSW 2060  
Australia  
Tel +61 2 88545000  
Fax +61 2 96290960  
Email: project.admin.australia@rhdhv.com  
Website: www.royalhaskoningdhv.com

DRAWN	COORD. SYSTEM	DATUM	DATE
BAM	MGA ZONE 55	AHD	02.11.2018

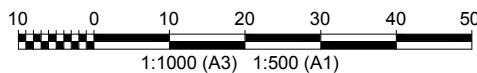
SCALE	REF.
AT A1 AS SHOWN	S2-RHD-TAL-MOD-4210-DAM WALL-OP1

DRAWING No.	REVISION
S2-RHD-TAL-SKE-4211	C

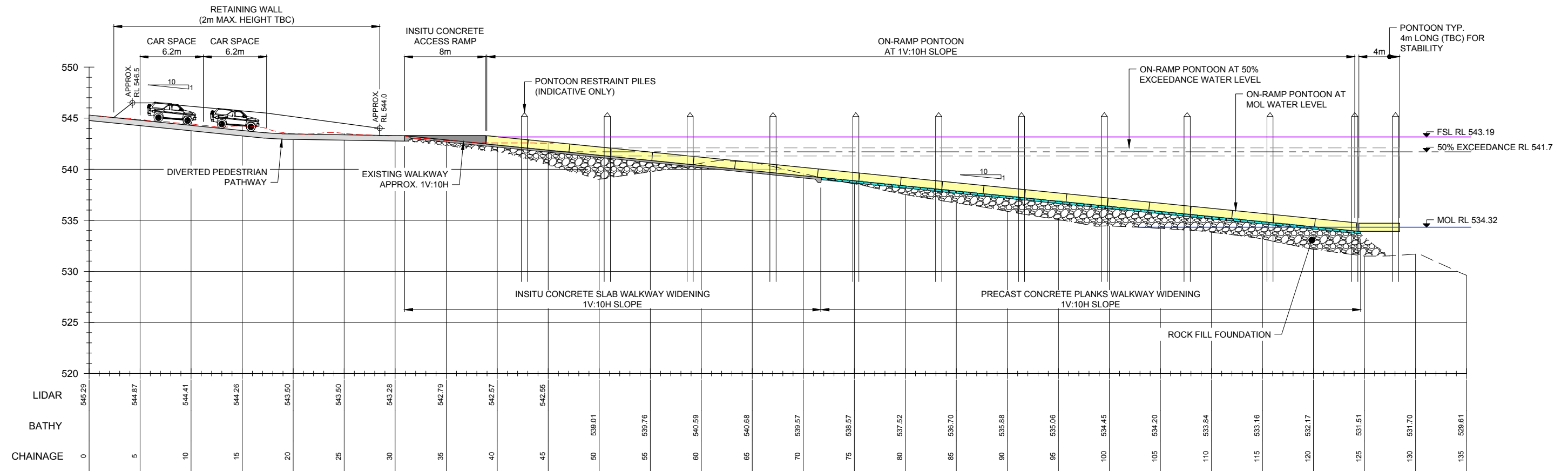
S2 FOR INFORMATION

NOT FOR CONSTRUCTION

AUSTRALIAN HEIGHT DATUM







SECTION A  
1:200 (A1)

LEGEND

- LIDAR PROFILE
- BATHYMETRIC PROFILE
- FULL SUPPLY LEVEL (FSL) = RL 543.19mASL
- MIN. OPERATING LEVEL (MOL) = RL 534.35mASL

S2 FOR INFORMATION

NOT FOR CONSTRUCTION

AUSTRALIAN HEIGHT DATUM

REV	DATE	DESCRIPTION	BY	CHK	APP
C	02.11.2018	ISSUED FOR INFORMATION	BAM	MP	-
B	18.10.2018	ISSUED FOR INFORMATION	BAM	MP	-
A	24.09.2018	ISSUED FOR INFORMATION	BAM	MP	-

REVISIONS

CLIENT



PROJECT

SNOWY 2.0

TITLE

TALBINGO DAM WALL  
RECREATIONAL INFRASTRUCTURE  
OPTION 1 SECTION

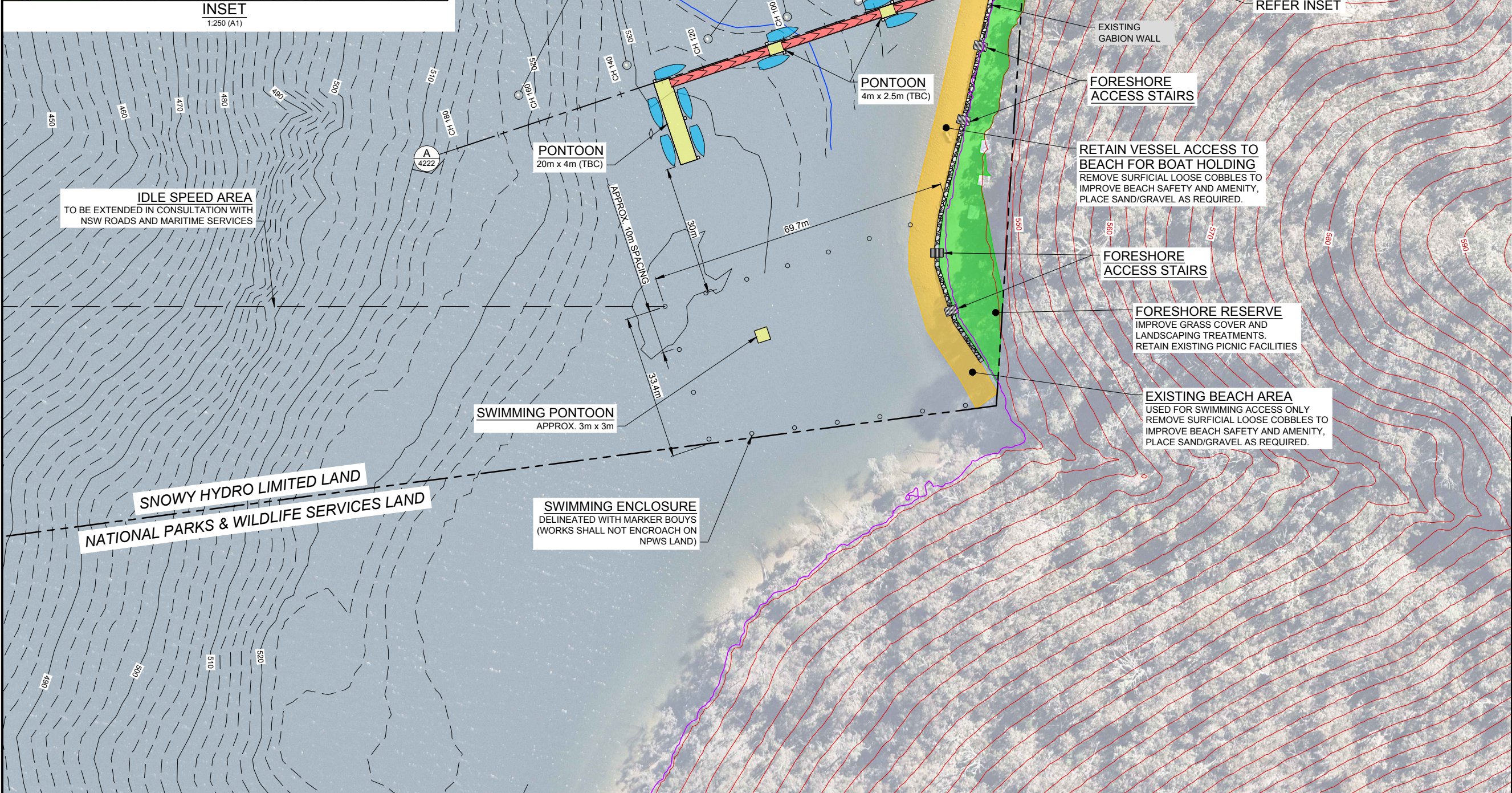
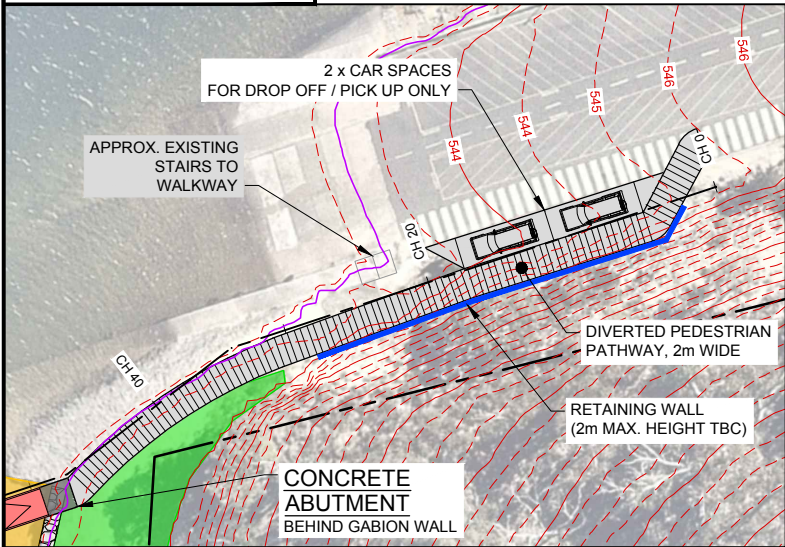


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DRAWING No. S2-RHD-TAL-SKE-4212	REVISION C
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NOTES

1. AERIAL PHOTOGRAPH SOURCED FROM NEARMAP, DATED 26/03/2017.

LEGEND

- LIDAR CONTOUR
- BATHYMETRIC CONTOUR (26/02/2018)
- FULL SUPPLY LEVEL (FSL) = RL 543.19mAHD
- MIN. OPERATING LEVEL (MOL) = RL 534.35mAHD
- SHL/NPWS LAND OWNERSHIP BOUNDARY

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B	18.10.2018	ISSUED FOR INFORMATION	BAM	MP	-
A	24.09.2018	ISSUED FOR INFORMATION	BAM	MP	-
REV	DATE	DESCRIPTION	BY	CHK	APP

REVISIONS

CLIENT

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PROJECT

SNOWY 2.0

TITLE

TALBINGO DAM WALL  
RECREATIONAL INFRASTRUCTURE  
OPTION 2A PLAN

**Royal HaskoningDHV**  
Enhancing Society Together

Level 14, 55 Berry Street  
North Sydney NSW 2060  
Australia  
Tel +61 2 88545000  
Fax +61 2 96290960  
Email: project.admin.australia@rhdhv.com  
Website: www.royalhaskoningdhv.com

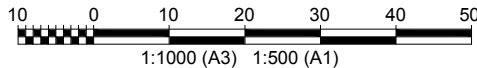
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DRAWING No. S2-RHD-TAL-SKE-4221	REVISION C
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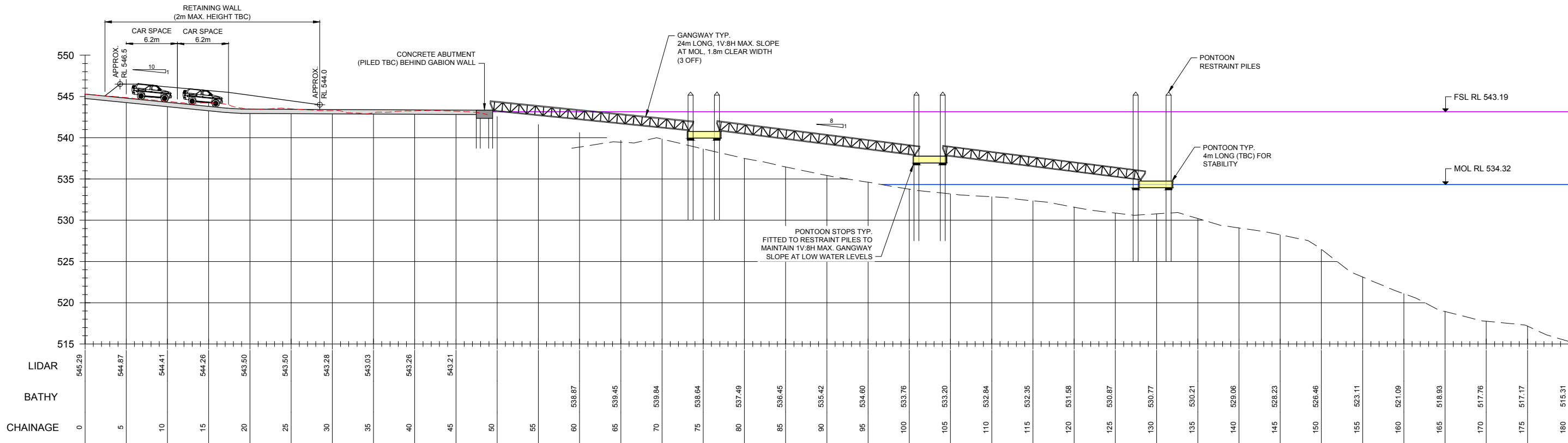
S2 FOR INFORMATION

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AUSTRALIAN HEIGHT DATUM







SECTION A  
1:250 (A1)

LEGEND

- LIDAR PROFILE
- BATHYMETRIC PROFILE
- FULL SUPPLY LEVEL (FSL) = RL 543.19mAHD
- MIN. OPERATING LEVEL (MOL) = RL 534.35mAHD

S2 FOR INFORMATION

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AUSTRALIAN HEIGHT DATUM

C	02.11.2018	ISSUED FOR INFORMATION	BAM	MP	-
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A	24.09.2018	ISSUED FOR INFORMATION	BAM	MP	-

REV	DATE	DESCRIPTION	BY	CHK	APP
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REVISIONS

CLIENT



PROJECT

SNOWY 2.0

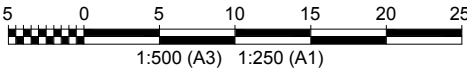
TITLE

TALBINGO DAM WALL  
RECREATIONAL INFRASTRUCTURE  
OPTION 2A SECTION



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SCALE AT A1 AS SHOWN	REF. S2-RHD-TAL-MOD-4220-DAM WALL-OP2A		

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


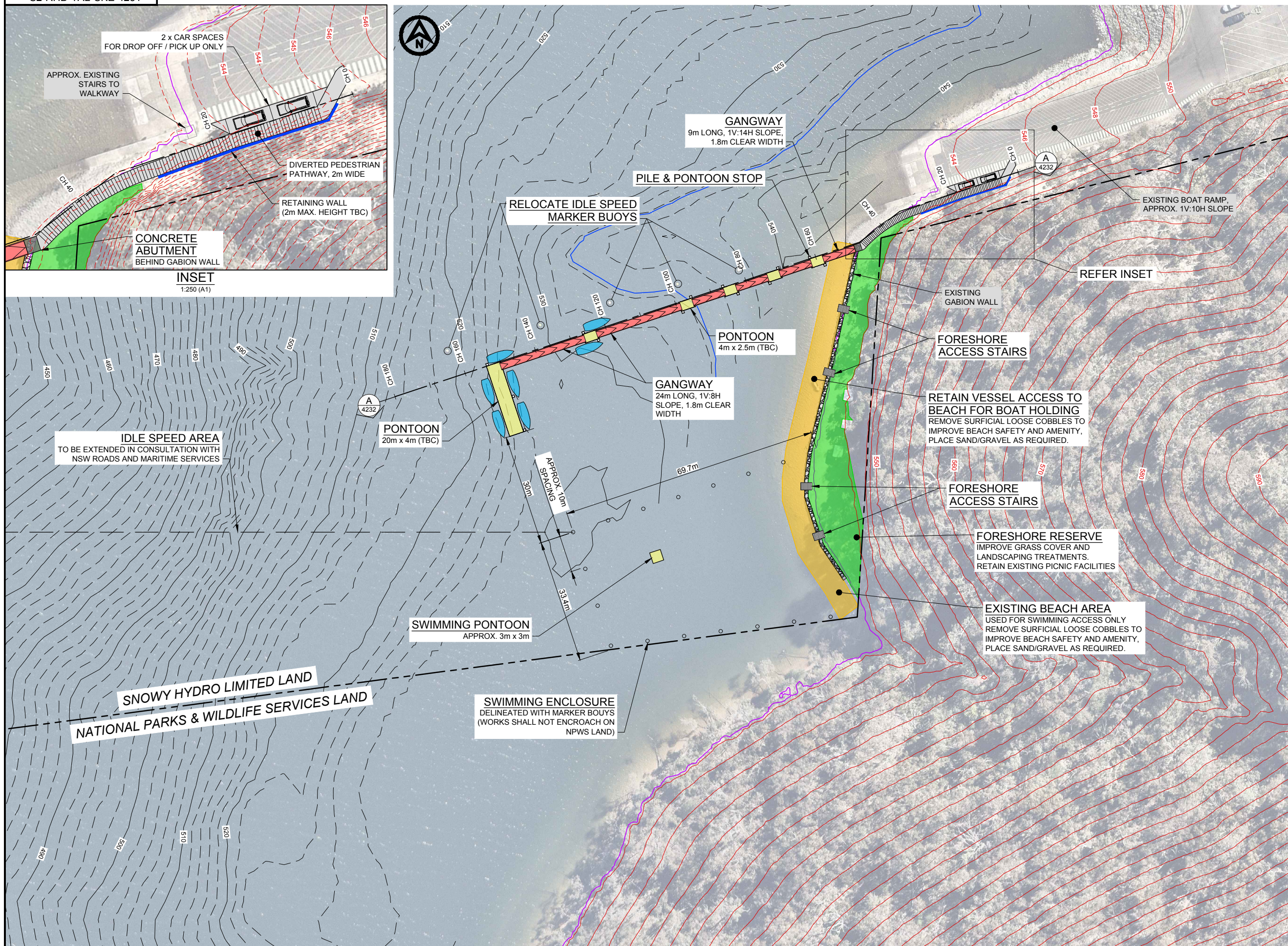


## NOTES

1. AERIAL PHOTOGRAPH SOURCED FROM NEARMAP, DATED 26/03/2017.

## LEGEND

- 
- - - - - LIDAR CONTOUR  
 - - - - - BATHYMETRIC CONTOUR  
 (26/02/2018)  
 — FULL SUPPLY LEVEL  
 (FSL) = RL 543.19mAHD  
 — MIN. OPERATING LEVEL  
 (MOL) = RL 534.35mAHD  
 - - - - - SHL/NPWS LAND  
 OWNERSHIP BOUNDARY



C	02.11.2018	ISSUED FOR INFORMATION	BAM	MP	-
B	18.10.2018	ISSUED FOR INFORMATION	BAM	MP	-
A	24.09.2018	ISSUED FOR INFORMATION	BAM	MP	-
REV	DATE	DESCRIPTION	BY	CHK	APP

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## PROJECT

SNOWY 2.0

TITLE

TALBINGO DAM WALL  
RECREATIONAL INFRASTRUCTURE  
OPTION 2B PLAN



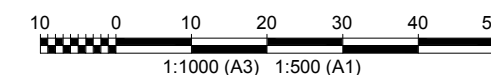
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DRAWING No.	REVISION
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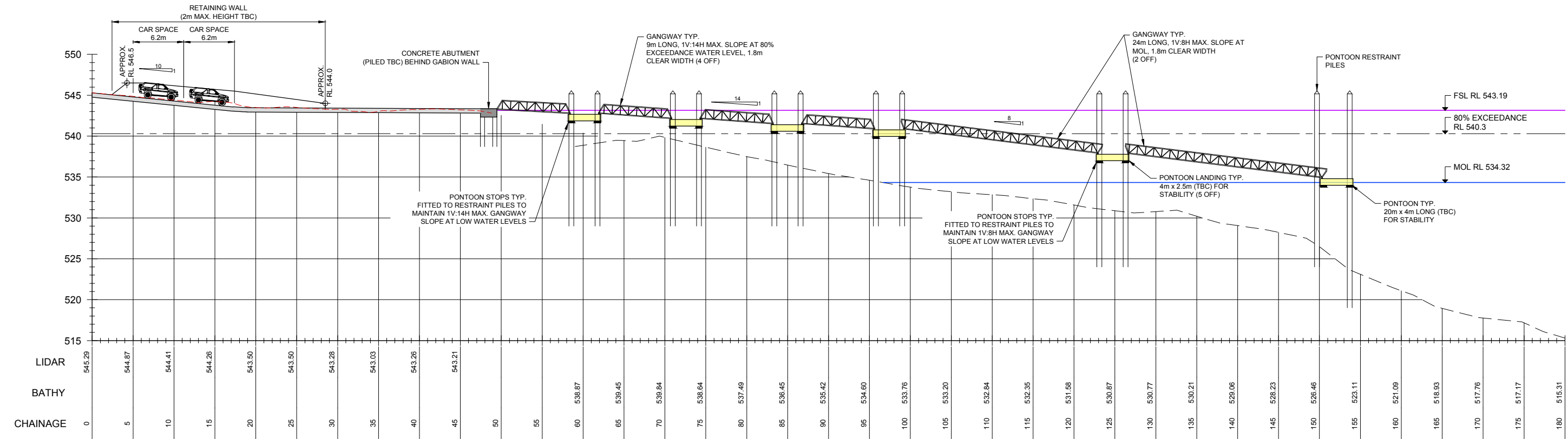
## S2 FOR INFORMATION

**NOT FOR CONSTRUCTION**

## AUSTRALIAN HEIGHT DATUM







SECTION A  
1:250 (A1)

NOTES

1. OPTION 2B CONTAINS GANGWAYS AT 1V:14H SLOPE ABOVE 80% EXCEEDANCE WATER LEVEL WITH 4m MIN. LONG LANDINGS AT 9m INTERVALS (COMPLIANT WITH AS 1428 AND NSW BOAT RAMP FACILITY GUIDELINES)

LEGEND

- LIDAR PROFILE
- BATHYMETRIC PROFILE
- FULL SUPPLY LEVEL (FSL) = RL 543.19mAHD
- MIN. OPERATING LEVEL (MOL) = RL 534.35mAHD

S2 FOR INFORMATION

NOT FOR CONSTRUCTION

AUSTRALIAN HEIGHT DATUM

C	02.11.2018	ISSUED FOR INFORMATION	BAM	MP	-
B	18.10.2018	ISSUED FOR INFORMATION	BAM	MP	-
A	24.09.2018	ISSUED FOR INFORMATION	BAM	MP	-

REV	DATE	DESCRIPTION	BY	CHK	APP
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PROJECT

SNOWY 2.0

TITLE

TALBINGO DAM WALL  
RECREATIONAL INFRASTRUCTURE  
OPTION 2B SECTION



DRAWN BAM	COORD SYSTEM MGA ZONE 55	DATUM AHD	DATE 02.11.2018
SCALE AT A1 AS SHOWN	REF. S2-RHD-TAL-MOD-4230-DAM WALL-OP2B		

DRAWING No. S2-RHD-TAL-SKE-4232	REVISION C
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