

## **RPEYC Wharf Improvements**

The RPEYC wishes to inform you of recent changes which have been made to the design and reduced size of the Club's proposed pontoon replacement at the end of its jetty in Felix Bay.

### **The New Proposal**

The RPEYC is proposing that the existing pontoon and ramp be removed and replaced with a more stable design able to provide safer drop-off, assisted disabled access and daylight berthing for Club vessels.

International Marina Consultants and Australian Ports and Marinas (AP&M) have provided advice regarding a suitable design. Both consultants are highly qualified and in particular AP&M were selected as they had designed the new ramp and pontoon at the Old Pilot Station, Watsons Bay, a location similar in wave and fetch activity as Felix Bay.

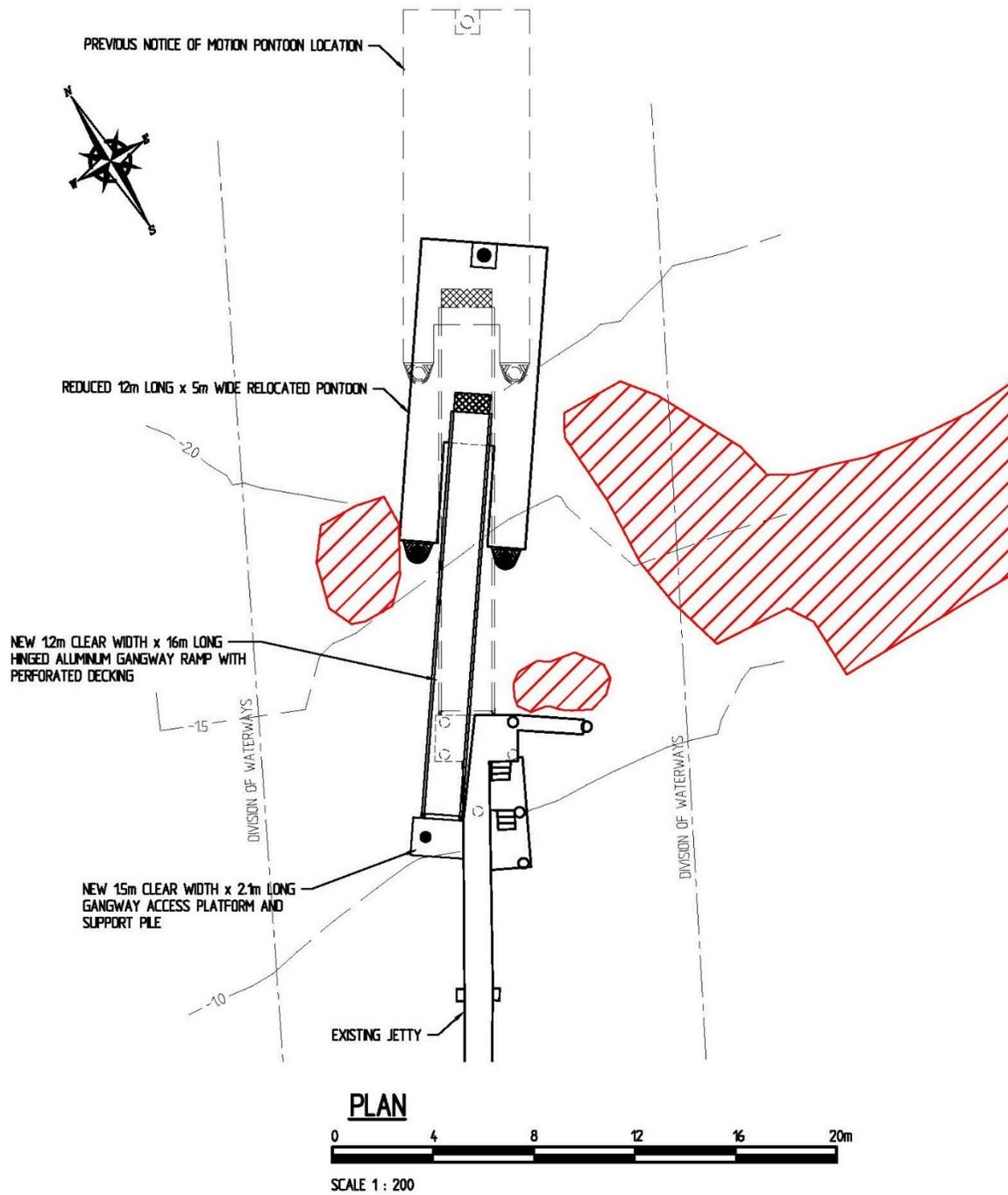
The RPEYC has listened to the concerns of our neighbours and Woollahra Council in respect of the Club's original DA proposal for the pontoon and has significantly redesigned the proposed ramp and pontoon to take their concerns into account.

The final revised design seeks to address the instability of the existing structure and the concerns of the Council and neighbours by:

1. Re-positioning the pontoon further into the shore from its original position as per the DA.
2. Reducing the optimal length of the pontoon to achieve a bridge between wave lengths from 14 metres to 12 metres.
3. Maintaining the pontoon width at 5 metres to enhance the lateral stability.
4. Maintaining the ramp length at 16 metres to meet disability access requirement and provide safer access by all users at all tide levels. Approximately one quarter of the ramp length will overlap the existing jetty and to this extent be effectively hidden by the jetty.
5. Ensuring that the redesigned ramp and jetty will not impinge on the existing seagrass beds (shown as red hatched in following drawing).

Please see the annexed plan and photomontages.

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Plan view of the proposed ramp and pontoon

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Photomontage of proposed ramp and pontoon, looking west from beach level.



Photomontage of proposed ramp and pontoon, looking west from overlooking balcony.