

09 July 2020



Marcel Batrac
Dee Why RSL
932 Pittwater Road
Dee Why NSW 2099

Dear Marcel

1. Dee Why RSL Car Wash

1.1 Background

ptc. have been engaged by Dee Why RSL to review the existing car wash facility located at 825-831 Pittwater Rd, Collaroy NSW 2097. This review takes into account a number of factors, including the physical arrangement in reference to relevant Australian Standards (AS2890 Series), driver communication through signage and line marking, as well as driver behaviour.

It is understood that the facility generates some vehicle queueing during peak business hours, affecting the internal operations of the site, as well as the operation of Pittwater Road, a state-controlled arterial road. This is attributed primarily to the highly limited trafficable area on-site available for vehicles to wait, combined with the following items:

- Minimal or unclear signage and line marking to clearly instruct drivers on their course of action based on their desired service (autowash or selfwash);
- The current queue arrangement is not based on 'first-come-first-serve', but rather a 'luck of the draw' scenario, based on which washbay you chose to park behind, and how quickly that particular washbay becomes available. As a result, rather than moving forward to a parking bay and risk selecting a slower option, drivers tend to wait in the driveway to take the first available washbay and congest the site.

1.2 Proposed Arrangement

The proposed arrangement involves a number of measures, including physical alterations to the site, simple signage and line marking and a revision of the brand-based signage design. Figure 1 illustrates the proposed arrangement.

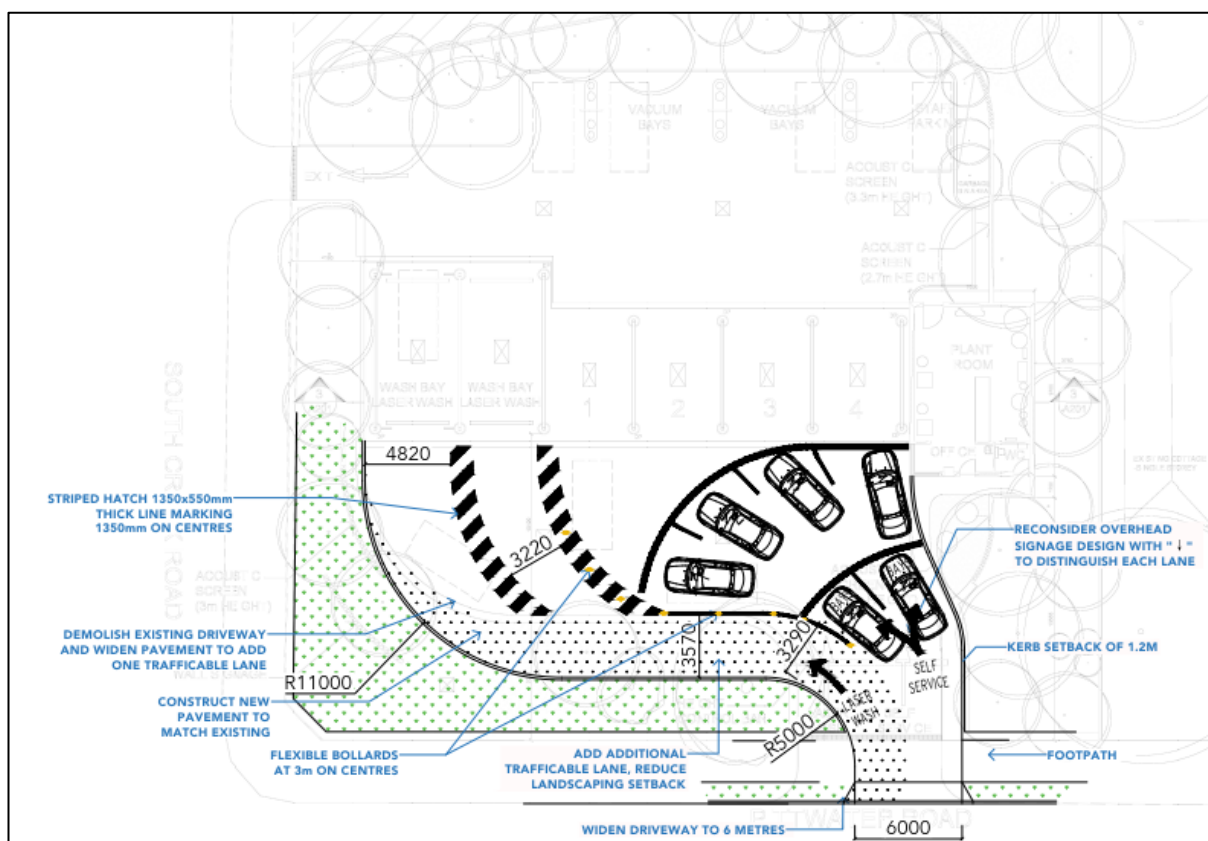


Figure 1 - Proposed Arrangement

The new arrangement will increase the capacity by approximately 80% - 100% before obstructing internal functions. This will assist in reducing the risk of queueing onto Pittwater Road. Furthermore, this arrangement also represents a first-come-first-serve solution, which will improve customer satisfaction and change the current behaviour of waiting at the driveway.

To achieve this arrangement, the landscaping is to be reduced to allow for a separate lane to be created for auto wash bays 1 and 2 and the driveway will need to be widened to 6m.

A swept path assessment was undertaken for the new lane and is provided in Attachment 1.

1.3 Conclusion

It has been observed that the current Dee Why Car Wash generates some queueing extending beyond the driveway and onto Pittwater Road, blocking the bus lane during peak times. By widening the driveway and reducing the landscaping to increase the hardstand area this allows a separate lane to be created for the auto wash bays 1 and 2. This along with an improved queuing system will assist in reducing on street queueing at peak times.

Yours faithfully

Aaron Pau

Document Control: Prepared by *AP* on *9 July 2020*. Reviewed by *AM* on *9 July 2020*.

Attachment 1 – Vehicle Swept paths

190603-ptc.design review.Deer Why Car Wash3.dwg

COMMENTS

A3

STRIPED HATCH 1350x550mm
THICK LINE MARKING
1350mm ON CENTRES

DEMOLISH EXISTING DRIVEWAY
AND WIDEN PAVEMENT TO ADD
ONE TRAFFICABLE LANE

CONSTRUCT NEW
PAVEMENT TO
MATCH EXISTING

FLEXIBLE BOLLARDS
AT 3m ON CENTRES

ADD ADDITIONAL
TRAFFICABLE LANE, REDUCE
LANDSCAPING SETBACK

WIDEN DRIVEWAY TO 6 METRES

RECONSIDER OVERHEAD
SIGNAGE DESIGN WITH " ↓ " TO
DISTINGUISH EACH LANE

KERB SETBACK OF 1.2M

FOOTPATH

15 ISSUE FOR DA LODGEMENT

15 DEVELOPMENT APPLICATION SUBMISSION

AMENDMENT DETAILS

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DEE WHY CARLOVERS CARWASH RELOCATION
825 831 PITTWATER ROAD
DEE WHY NSW 2099

PROJECT:
GROUND FLOOR PLAN
PROJECT DATE: APRIL 2005
PROJECT NO: S11
SCALE: 0m 5m 10m
DRAWN BY: GC
CHECKED BY:
DWG NO: A102
REVISED BY: SUBJ: 02

ptc.

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REV	DATE	COMMENT	DRAWN	REVIEWED	REV	DATE	COMMENT	DRAWN	REVIEWED
2	03/06/18	For Information	EL	FL					
1	29/01/18	For approval	DS	CS / AM					



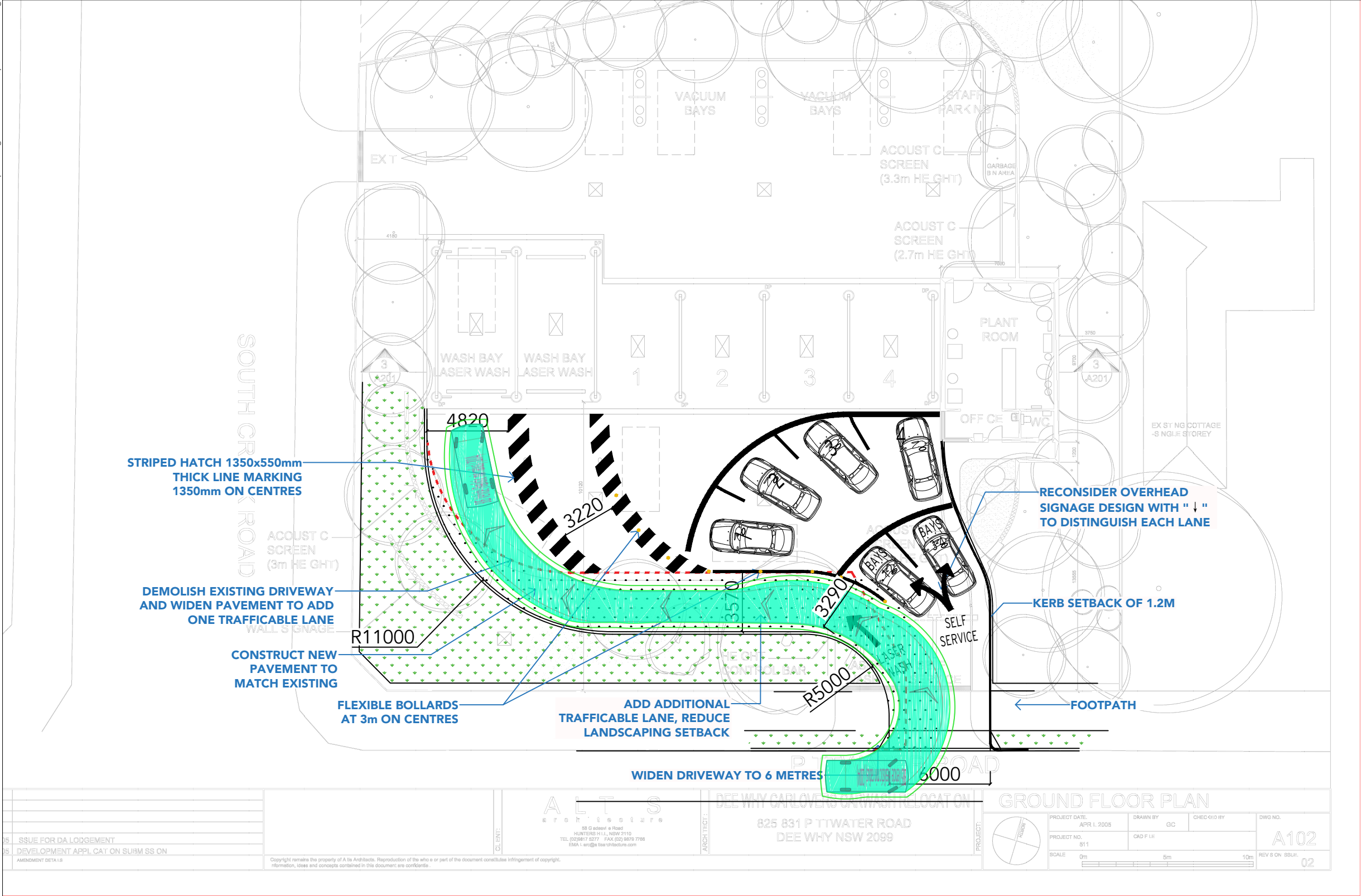
PROJECT:
**Dee Why RLS Car Wash
Layout Review**

DRAWING TITLE:
**Proposed Traffic Arrangement and
Layout**

CLIENT: **Dee Why RSL**
DRG. #: **ptc-101**
PROJECT #: **T2-2280**
SCALE: **1:250**

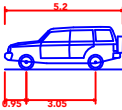
REV: **2**

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COMMENTS

A3



B99 Vehicle (Realistic min radius) (2004)
Overall Length 5.200m
Overall Width 1.940m
Overall Body Height 1.875m
Min Body Ground Clearance 0.272m
Track Width 1.840m
Lock-to-lock time 4.00s
Curb to Curb Turning Radius 6.250m



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PROJECT:
**Dee Why RLS Car Wash
Layout Review**

DRAWING TITLE:
Swept Paths

CLIENT: **Dee Why RSL**

DRG. #: **ptc-102**

PROJECT #: **T2-2280**

SCALE: **1:250**

REV: **2**