WARNING
BEWARE OF UNDERGROUND SERVICES. THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

NOTES
1. IN ACCORDANCE WITH AUSTRALIAN BRIDGE DESIGN CODE AS STANDART.
2. HEADWALLS ARE NOT DESIGNED FOR HIGH EXPOSURE CLASSES.

EXPOSURE CLASSIFICATION

<table>
<thead>
<tr>
<th>HEADWALL AREA</th>
<th>MINIMUM CLEAR COVER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class 100</td>
<td>48</td>
</tr>
<tr>
<td>Class 80</td>
<td>50</td>
</tr>
</tbody>
</table>

REMARKS
1. REINFORCING BAR SHALL BE 5TH AND 1ST BAR WILL BE BORED IN ACCORDANCE WITH AS/NZS 4671.
2. MINIMUM LAPS, UNLESS SHOWN OTHERWISE BARS 300mm FABRICE 12mm.
3. ALL EXPOSED BARS TO BE PROVIDED WITH 3 X CEBRERS.
4. CONCRETE FABRICE.
5. AREAS OF HEADWALLS IN EXPOSED AREAS ARE TO BE IN HUMIDILY UNLESS SHOWN OTHERWISE.

NOTE:

This diagram is drawn from Transport South Australia Standard Drawing Class Sheet 1 and adapted for the site conditions.

RCBC 450mm HIGH TO 1200mm HIGH
HEADWALL & WINGWALL DETAILS TO 20° SKEW ANGLE

J. LEESON
S. HATZI
S. J. JACKSON

01/09/2017
01/09/2017

ISSUED AS A STANDARD DRAWING SEPT 2017
EES/DIPL

HEADWALL DETAILS ADDED DEC 2017
J. S.
EES/DIPL

HEAD WALL ANGLE MODIFIED FOR RCBC JUNE 2018
S. J.