PROJECT DETAILS

MRWA Project Manager: Gavin Brown
Designer: AAA Consultants
Items Submitted for Review: Drawing numbered SK001-A to SK100-A & Design Report
Background Info Provided: None
Status of Project: 15%
Extent of Review: All aspects defined on the drawings
Project Manager’s File: Not known
Date Delivered to Reviewer: 05/03/2018

REVIEW DETAILS

Reviewers: Fred Smith (FS)
Company: Road and Traffic Engineering
Review Reference Number: R nnn/yy
Reviewer's File: yy/nnnn
Dates of Review: 05/03/2018 to 18/03/2018
Aspects Considered: Geometry

Design Objectives:
☒ Safety
☒ Economy
☒ Efficiency & Effectiveness
☒ Environmental Sensitivity

INSTRUCTIONS FOR THE DESIGN REVIEW PROCESS

The Reviewer supplies advice only to the Project Manager.
This review shall be conducted in accordance with MRWA Design Review Guideline (Doc. No. D16#287778)
The Project Manager takes all risk and responsibility for each item beyond the Designer's "Duty of Care" when they close out the items.

1. Main Roads WA - Road and Traffic Engineering Branch is to review the drawings/documents and provide "Reviewer Comments" in column 5 of the Design Review Table.
2. The Project Manager is to assess the "Reviewer Comments" and accept/reject each one. The PM can add comments in column 8 of the Design Review Table and may close out the items.
3. The Project Manager is to forward the remaining relevant "Reviewer Comments" to the Designer for the Designer to provide responses in column 6 of the Design Review Table.
4. The Designer is to forward the responses to enable close out of each of the "Reviewer Comments" to the Project Manager. The Project Manager can close out the "Designers response" at this stage in column 8.
5. The Project Manager is to forward the remaining (not closed out) "Designer Responses" to the Reviewer for reassessment/advice. The Reviewer is to reply in column 5 (refer to the colour convention) of the Design Review Table for a second or third round of comment/responses or complete the “Response Status” in column 7.
6. The Project Manager is to determine the final outcome of all review items and add close out comments in column 8 of the Design Review Table.
7. The Project Manager is to forward final outcome/close out to all "Reviewer Comments" to:
   • The Designer for design/amendments to proceed.
   • Road and Traffic Engineering for record keeping.
8. To ensure that all review comments are acted on, a single review table should be used for all phases of the design review process.

Project Manager

Date

This design review is not to be considered a comprehensive design verification and may not pick-up all the issues. It therefore is not an approval of the presented design. The consultant/designer has the duty of care to ensure that the design is compliant with all the Standards and Guidelines and conforms to the requirements and intent of the design brief and agreed amendments.
**DESIGN REVIEW TABLE**

<table>
<thead>
<tr>
<th>IMPORTANCE</th>
<th>COMMENTS &amp; RESPONSES</th>
<th>RESPONSE STATUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Critical issue. Fatal flaw.</td>
<td>Accepted if resolved</td>
</tr>
<tr>
<td>2</td>
<td>Moderate importance. Non-compliance.</td>
<td>Noted if designer to take responsibility</td>
</tr>
<tr>
<td>3</td>
<td>Observation only. Minor Issue.</td>
<td>Pending if it is necessary to see the next submission</td>
</tr>
<tr>
<td></td>
<td>For second round of comment/response use red text with initials &amp; date.</td>
<td>PM Directive if PM is to decide the course of action and close out</td>
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<tr>
<td></td>
<td>For third round use green text with initials &amp; date.</td>
<td></td>
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</tbody>
</table>

<table>
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<tr>
<th>Column 1</th>
<th>Column 2</th>
<th>Column 3</th>
<th>Column 4</th>
<th>Column 5</th>
<th>Column 6</th>
<th>Column 7</th>
<th>Column 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITEM No.</td>
<td>REVIEWER</td>
<td>INITIALS</td>
<td>REFERENCE</td>
<td>IMPORTANCE</td>
<td>REVIEWER COMMENTS</td>
<td>DESIGNER RESPONSE</td>
<td>RESPONSE STATUS</td>
</tr>
<tr>
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<td>Reviewer</td>
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<td>Designer</td>
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</table>

**100% Design**

**Geometry**

| 1 | FS | SK050-A | 3 | What provision has been provided for visually impaired pedestrians travelling between the traffic signal posts 1 and 2 or posts 7 and 8 for the intersection of Road A and B? Tactile marking details need to be added to the drawing. FS 04/04/2018. | Drawing amended as per discussions with MRWA. Locations where tactile markings are required have been shown on the drawing. RD 16/04/2018 | Noted. FS 18/04/2018 | Accepted. PM 23/04/2018 |

**REVIEWERS**

Signed ___________________________ Date ___________________________