NOTES:
1. CONCRETE HARDSTANDS TO BE 150mm THICK, GRADE N2 CONCRETE SPOON FINISHED
   SURFACE (FOR SLIP RESISTANCE), 3x1.2M PLACED CENTRALLY.
2. BOARDING POINT AREA TO HAVE CROSSFALL OF 1 IN 40 MAX, WHERE BOARDING POINT HAS
   A CROSSFALL OF GREATER THAN 1:40 REFER TO COUNCIL ALTERNATIVE OPTIONS.
3. LONGITUDINAL GRADE TO MATCH EXISTING ROAD.
4. CUTTING OF TSS:
   a. NO WARNING TSS SHALL BE CUT
   b. CUTTING OF DIRECTIONAL TSS SHALL BE KEPT TO A MINIMUM
   c. WHERE DIRECTIONAL TSS ARE TO BE CUT, THEY SHALL BE CUT IN ADJACENT PARCELS.
   d. THE MINIMUM LENGTH OF EACH OF THE CUT TSS PARCELS SHALL NOT BE LESS THAN
      150mm, MEASURED IN THE DIRECTION OF THE PATH OF TRAVEL.
   e. THE PAIR OF DIRECTIONAL TSS AT THE END OF THE PATH OF TRAVEL SHALL NOT BE CUT.
5. TSS TYPE, COLOUR AND INSTALLATION AS PER BSDA216
6. STORM WATER SOLUTION TO BE ASSESSED ON A SITE-BY-SITE BASIS.
7. TYPE E KERB AS PER BSD-201.
8. WASTE BIN TYPE TO BE APPROVED BY COUNCIL.
9. BLADE SIGN TO TRANSLATE BUS NETWORK INFRASTRUCTURE SIGNAGE MANUAL SIGN-10.
10. DIMENSIONS IN MILLIMETRES (GLA).

PREMIUM BUS STOP

TABLE 1: LED LUMINAIRES EFFICACY REQUIREMENTS

<table>
<thead>
<tr>
<th>EFFICIENCY</th>
<th>LED LAMPS</th>
<th>LED LUMINAIRES</th>
<th>LED PLANAR BATTERIES &amp; TROFFERS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>DIRECTIONAL &amp; NON DIRECTIONAL</td>
<td>LINEAR LED (TUBE)</td>
<td>LUMINOUS FLUX (W)</td>
</tr>
<tr>
<td></td>
<td>250 W (P RIOR TO 3/1/12/2016)</td>
<td>2100 W (P RIOR TO 3/1/12/2016)</td>
<td>E22 150 W &amp; 2250 W</td>
</tr>
<tr>
<td></td>
<td>290 W (P RIOR TO 3/1/12/2022)</td>
<td>290 W (P RIOR TO 3/1/12/2022)</td>
<td>E22 220 W &amp; 45,000 W</td>
</tr>
</tbody>
</table>

LIGHTING NOTES:
1. ILLUMINATION WITHIN THE BUS SHELTER TO COMPLY WITH AS4227/118.3.1 - LIGHTING FOR ROADS AND
   PUBLIC SPACE - PART 3.1; PEDESTRIAN AREA (CATEGORY F) LIGHTING PERFORMANCE AND DESIGN
   REQUIREMENTS SUB CATEGORY 1.
2. LUMINARIES IS TO BE POSITIONED AT THE FRONT OF THE SHELTER FROM THE ROOF, LIGHTING IS TO
   BE POSITIONED ON THE ADJACENT TRAFFIC.
3. LUMINARIES IS TO BE PRE-PLACED AND THE SHIELDER.
4. SWITCHBOARD FOR THE SHIELDER IS TO BE LOCATED IN THE REAR POST, PE CELL IS TO BE LOCATED
   ON THE SAME POST IN A POSITION THAT WILL NOT BE IMPACTED BY LIGHTING IN THE PROXIMITY.
5. LIGHT SOURCES IS TO BE USED WITH A CORRELATED COLOUR TEMPERATURE OF 4000K AND A COLOUR
   RENDERING INDEX (CRI) 80.
6. LED LUMINAIRES OR LAMPS USED FOR BRISBANE CITY COUNCIL SHALL COMPLY WITH THE FOLLOWING
   VARIATION ENERGY PERFORMANCE STANDARDS WHERE EFFICIENCY REQUIREMENTS AS SHOWN IN TABLE
   1, THE EFFICIENCY CALCULATION SHALL BE BASED ON INITIAL LUMINOUS FLUX MEASUREMENTS
   ACCORDING TO CIE'S SIZE 06 (BS 4654)
7. THE LUMINAIRES DISTRIBUTION SHOULD ALSO SUPPLY PHOTOMETRIC DATA (BN 58 AND/OR FORMAT)
   FROM A NATA ACCREDITED LABORATORY OR A LABORATORY, WHOSE ACCREDITATION IS RECOGNISED
   BY NATA UNDER THE NATA RECOGNITION SCHEME.

BRISBANE CITY COUNCIL STANDARD DRAWING
PREMIUM BUS STOP

BSD-2103

NOT TO SCALE

COMPANY NAME

PREPARED BY

DRAWN BY

CHECKED BY

A3

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