NOTES:
1. REFER BS:2123 FOR CONCRETE HARDSTAND DETAILS (WHERE APPLICABLE). HARDSTAND FINISH MATCH SURROUNDING AREA FINISH.
2. BOARDING POINT AREA TO HAVE CROSSFALL OF 1% 40% MAX. WHERE BOARDING POINT HAS A CROSSFALL OF GREATER THAN 1%. REFER TO COUNCIL FOR ALTERNATIVE OPTIONS.
3. LONGITUDINAL GRADE MATCH EXISTING ROAD.
4. CUTTING OF TOG:
   a. NO WARNING TOGS SHALL BE CUT.
   b. CUTTING OF DIRECTIONAL TOGS SHALL BE KEPT TO A MINIMUM.
   c. THE MINIMUM LENGTH OF EACH OF THE TOGS SHALL BE CUT IN ADJACENT PAIRS.
   d. THE MINIMUM LENGTH OF EACH OF THE TOGS SHALL NOT BE LESS THAN 100MM, MEASURED IN THE DIRECTION OF THE PATH OF TRAVEL.
   e. THE MINIMUM LENGTH OF EACH OF THE TOGS AT THE END OF THE PATH OF TRAVEL SHALL NOT BE CUT.
5. TOGSTYPE, COLOUR AND INSTALLATION AS PER BS:4321.
6. STORM WATER SOLUTION TO BE ASSESSED ON A SITE-SPECIFIC BASIS.
7. MODIFY EXISTING KERBS ON APPROACH SIDE OF THE BUS STOP TO ENSURE SAFE ALIGHTING FROM BUSES:
   a. FOR 12m AND 14m BUSES: 1m OF TYPE 'E' KERR
   b. FOR 16m AND 18m BUSES: 1m OF TYPE 'E' KERR
   c. CONSTRUCT 1m TRANSITION AT EACH END.
8. WASTE BIN TO BE APPROVED BY COUNCIL.
9. TYPE 'E' KERR AS PER BS:2123.
10. BLACK SIGN TO TRANSMIT BUS NETWORK INFRASTRUCTURE DAMAGE MANUAL SIGN 4X-10.
11. CENTRES ARE LANE ZONES AS CENTRE BY BRISBANE CITY PLAN2504 AND INFRASTRUCTURE DESIGN PLANNING SCHEME POLICY.
12. DIMENSIONS IN MILLIMETRES (M/M).

INTERMEDIATE BUS STOP IN CENTRES

LIGHTING NOTES:
1. ILLUMINATION WITHIN THE BUS SHELTER TO COMPLY WITH AS/NZS 1680.1: LIGHTING FOR ROADS AND PUBLIC SPACES - PART 1: PEDESTRIAN AREA (CATEGORY P1) - PERFORMANCE AND DESIGN REQUIREMENTS SUB CATEGORY 1.
2. LUMINAIRES FOR LIGHT TO BE POSITIONED AT THE FRONT OF THE SHELTER FROM THE ROOF. LIGHTING IS TO BE ADDED TO THE ADJACENT TRAFFIC.
3. A LUMINAIRES IS TO BE PRE-PED IN THE SHELTER.
4. Switchboard for the shelter 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 SOURCE IS TO BE LED WITH A CORRELATED COLOUR TEMPERATURE OF 4000K AND A REFLECTIVE INDEX (CRI) 74-80.
6. LED LUMINAIRES OR LAMPS USED FOR BRISBANE CITY COUNCIL SHALL COMPLY WITH THE FOLLOWING MINIMUM ENERGY PERFORMANCE STANDARDS (MEPS) EFFICACY REQUIREMENTS AS SHOWN IN TABLE 1. THE EFFICACY CALCULATION SHALL BE BASED ON INITIAL LUMINIOUS FLUX MEASUREMENTS ACCORDING TO AS 6007 (OR AS 1647).
7. THE LUMINAIRES DISTRIBUTOR SHALL ALSO SUPPLY PHOTO-RECEIVING DATA (VIN) AND (CALIBRATION) FROM A DATA ACCREDITED LABSORATORY OR A LABORATORY, WHOSE ACCREDITATION IS RECOGNISED BY DATA UNDER THE NATIONAL RECOGNITION SCHEME.

INTERMEDIATE BUS STOP - IN CENTRES - SHEET 2 OF 2

TABLE 1: LED LUMINAIRES EFFICACY REQUIREMENTS

<table>
<thead>
<tr>
<th>EFFICACY</th>
<th>LINEAR LED LUMINAIRES</th>
<th>LED PLANE BATTERIES</th>
<th>LED LUMINAIRES</th>
<th>LED PLANAR BATTERIES</th>
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<tr>
<td></td>
<td>DIRECTIONAL &amp; NON-</td>
<td>DIRECTIONAL &amp; NON-</td>
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<tr>
<td>DIRECTIONAL LAMPS</td>
<td>LINEAR LED (TUBE)</td>
<td>LINEAR LED (TUBE)</td>
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<td>11000 LUMINOUS FLUX 25,000 K &amp; 24,000 K</td>
<td>11000 LUMINOUS FLUX 25,000 K &amp; 24,000 K</td>
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BSO-2104
BRISBANE CITY COUNCIL
NOT TO SCALE

BRISBANE CITY COUNCIL STANDARD DRAWING

INTERMEDIATE BUS STOP - IN CENTRES

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