INDENTED BUS BAY — GEOMETRIC LAYOUT

FOR BOARDING POINT AND ON VENUE BUS STOP REQUIREMENTS REFER BSD-2163 TO 2169

140 MIN. WIDTH OF CONCRETE SLAB

THICKENED CONCRETE WEB IN FORM AN INTERNAL PART OF RBC

1 IN 2 TAPER

TRAFFIC FLOW

1 IN 5 TAPER

12.0

5.0

15.0

LENGTH MAY VARY TO SUIT THE NUMBER AND TYPE OF BUSES PROPOSED TO USE BUS STOP

KERR

CARRIAGE WAY

TRAFFIC FLOW

12.0

5.0

15.0

THICKENED CONCRETE EDGE

5.0

5.0

12.0

15.0

6.0

6.0

TRANVERSE CONTRACTION JOINT (MAX SPACING 15.0)

SIDE DRAIN TO CONNECT TO EXISTING GULLY OR APPROVED DISCHARGE POINT


INDENTED BUS BAY — PAVEMENT JOINT LAYOUT

20 x 10 SILICON RUBBER SEALANT (1 PART) OR POLYURETHANE SEALANT (1 COMPONENT)

50 x 5 SAW CUT

PLAIN DOWELS R2A 350 LONG AT 300 CENTRES

BOND BREAKING COMPOUND ON HALF LENGTH OF DOWEL ONLY OR PLASTIC SLEEVE

TRANSVERSE CONTRACTION JOINT

CONNECTION TO EXISTING FLEXIBLE PAVEMENT

CONNECTION TO EXISTING CONCRETE PAVEMENT

NOTES:
1. THE SPECIFIED PAVEMENT STANDARD DOES NOT APPLY TO POOR SUBGRADE, REFER SUPPLEMENTARY NOTES FOR DETAIL.
2. THE PAVEMENT DESIGN ASSUMES A MINIMUM SUBGRADE CDR OF 5 (SOARED 4 DAYS).
3. A GEOFABRIC LAYER (500 TYPE 3 30 BOM A49 OR EQUIVALENT) SHALL BE USED WHERE THE SUBGRADE CDR IS < 3.0 AND FOR Silt/Clayey Soils.
4. BUS-BAY CONCRETE TO BE GRADE N12.
5. CONCRETE TO BE BROOM FINISHED AND HAVE A MAXIMUM AGGREGATE SIZE OF 20mm.
6. REINFORCEMENT TO COMPLY WITH AS1393 FOR PLAIN BASIS AND AS1394 FOR REINFORCED FABRIC.
7. WHERE A BUS BAY IS CONSTRUCTED ADJACENT TO AN EXISTING CONCRETE PAVEMENT, THE TRANSVERSE JOINTS IN THE BUS BAY SHALL LINE UP WITH THOSE IN THE EXISTING PAVEMENT.
8. IF A GULLY IS REQUIRED, IT SHOULD BE LOCATED SO AS TO INTERCEPT ANY WATER BEFORE IT REACHES THE BUS BAY.
9. ALTERNATIVE PAVEMENT DESIGNS MAY BE CONSIDERED FOR APPROVAL BY THE ASSET MANAGER BASED UPON REVIEW OF A FORMAL SUBMISSION BY A VICE.
10. DECENTRALIZED DIMENSIONS IN METRES, WHOLE NUMBER DIMENSIONS IN MILLIMETRES.

BRISBANE CITY COUNCIL STANDARD DRAWING

INDENTED BUS BAY OPTIONS

ADVERSE CROSSFALL

BSD-2102

A3

C

DESIGN

STUDY GROUP

DATE

APPR

APPR

APPR

APPR

CITY DESIGN

DATE

APRIL 01

APRIL 01

APRIL 01

APRIL 01

CHECKED

MASTER

DATE

APRIL 01

APRIL 01

APRIL 01

APRIL 01

SIGN OFF

DESIGNED

TECH CHECKED

DRAWN

CHECKED

APRIL 01

APRIL 01

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