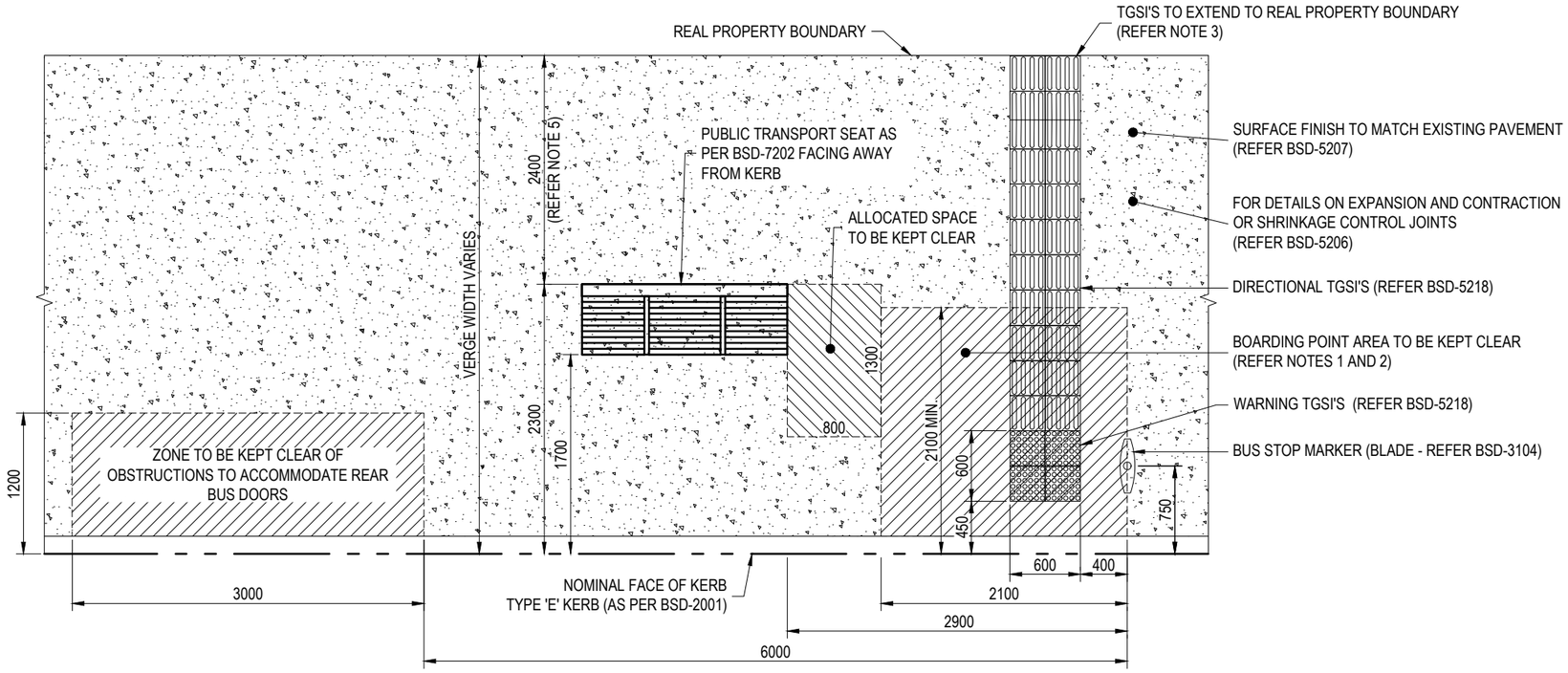
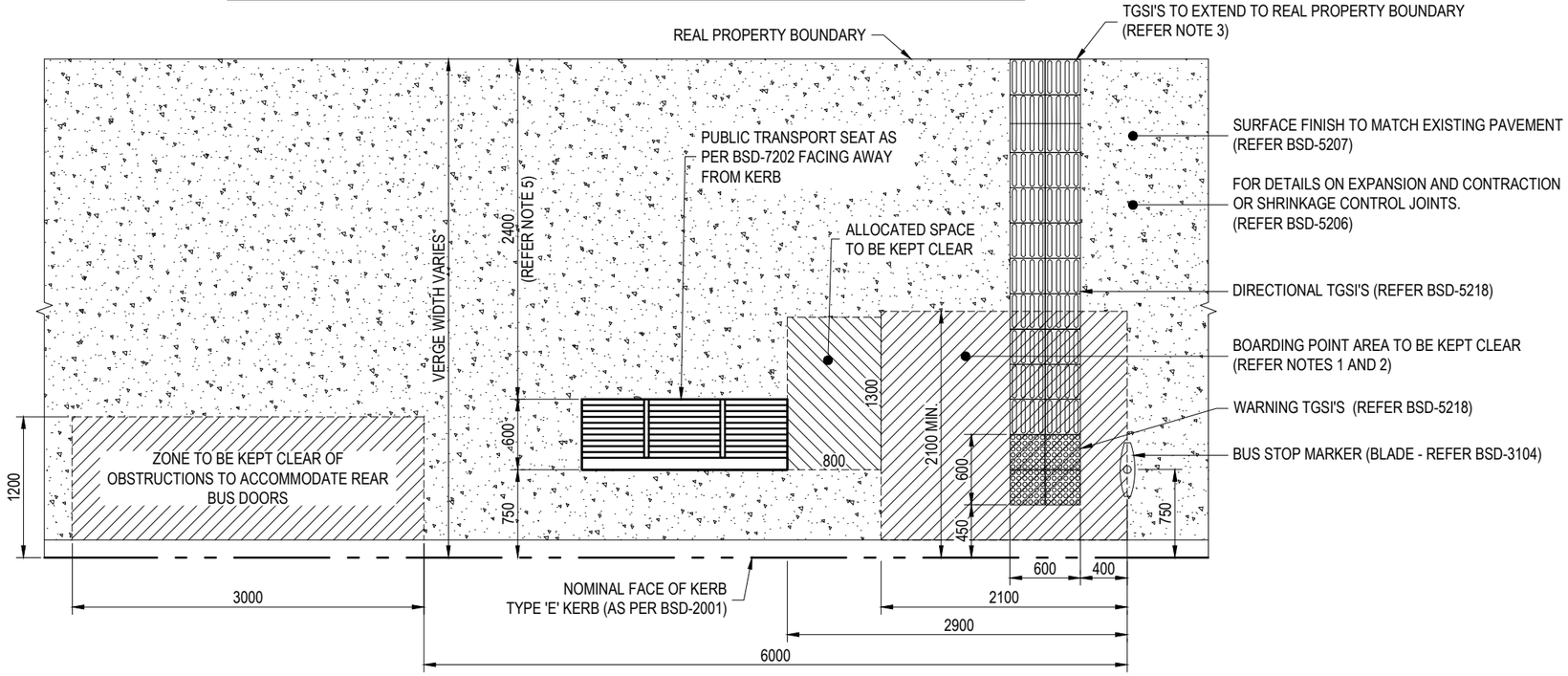


REGULAR BUS STOP WITH SEAT IN CENTRES* - PREFERRED



REGULAR BUS STOP WITH SEAT IN CENTRES* - CONSTRAINED SITE

TABLE 1: LED LUMINAIRES EFFICACY REQUIREMENTS

	LED LAMPS		LED LUMINAIRES (SMALL)	LED LUMINAIRES (LARGE) + PLANAR, BATTENS & TROFFERS
	DIRECTIONAL & NON-DIRECTIONAL LAMPS	LINEAR LED (TUBE)	LUMINOUS FLUX ≥ 100 lm & < 2,500 lm	LUMINOUS FLUX ≥ 2,500 lm & < 5,000 lm
EFFICACY	≥65 lm/W	≥100 lm/W	≥65 lm/W	≥90 lm/W
	≥85 lm/W (2020)	≥110 lm/W (2020)	≥85 lm/W (2020)	≥110 lm/W (2020)
	≥100 lm/W (2023)	≥120 lm/W (2023)	≥110 lm/W (2023)	≥120 lm/W (2023)

LIGHTING NOTES:

L1. ILLUMINATION WITHIN THE BUS SHELTER TO COMPLY WITH AS1158.3.1 - LIGHTING FOR ROADS AND PUBLIC SPACES - PART 3.1: PEDESTRIAN AREA (CATEGORY P) LIGHTING - PERFORMANCE AND DESIGN REQUIREMENTS SUB CATEGORY P6.

L2. LUMINAIRE/LIGHT IS TO BE POSITIONED AT THE FRONT OF THE SHELTER FROM THE ROOF, LIGHTING IS TO NOT ADVERSELY IMPACT ON THE ADJACENT TRAFFIC.

L3. LUMINAIRE IS TO BE PRE-WIRED INTO THE SHELTER .

L4. 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.

L5. LIGHT SOURCE IS TO BE LED WITH A CORRELATED COLOUR TEMPERATURE OF 4000K.

L6. ANY LED LUMINAIRES USED FOR BRISBANE CITY COUNCIL SHOULD COMPLY WITH THE EFFICACY REQUIREMENTS OF THE DRAFT AUSTRALIAN GOVERNMENT MEPS (MINIMUM ENERGY PERFORMANCE STANDARDS) FOR LED LIGHTING AS SHOWN IN TABLE 1.

NOTES:

1. BOARDING POINT AREA TO HAVE CROSSFALL OF 1 IN 40 MAX. WHERE BOARDING POINT HAS A CROSSFALL OF GREATER THAN 1 IN 40, REFER INFRASTRUCTURE DESIGN PLANNING SCHEME POLICY FOR ALTERNATIVE OPTIONS.
2. LONGITUDINAL GRADE TO MATCH EXISTING ROAD.
3. WHOLE TACTILE GROUND SURFACE INDICATOR (TGSI) TO BE PLACED AT END. TGSI's TO BE CUT TO ENSURE NO TGSI IS LESS THAN 150mm.
4. STORM WATER SOLUTION TO BE ASSESSED ON A SITE-BY-SITE BASIS.
5. REFER INFRASTRUCTURE DESIGN PLANNING SCHEME POLICY FOR LAYOUT AND ON-ROAD REQUIREMENTS.
6. DIMENSIONS IN MILLIMETRES (U.N.O.).

* CENTRES ARE LAND ZONED AS CENTRE BY BRISBANE CITY PLAN 2014.

ISSUE	AMENDMENT	DRAWN DATE	CHK'D DATE	APPR'D DATE
B	Bus Stop Shelter Lighting Requirements Added	JUL '18	JUL '18	NOV '18
A	Original Issue - Additional Sheet to 2105 Series	JAN '15	JAN '15	JAN '15

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STRATEGIC ASSET MANAGEMENT
DESIGN APPROVED
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DATED 30/01/15
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TRANSPORT PLANNING AND STRATEGY

DESIGN	Std Dwgs WG	DATE	Dec '14
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CHECKED	TPS - SP	DATE	Jan '15
DRAWING FILENAME	BSD-2105 (B) Regular bus stop - In centres - Sheet 3 of 3.dwg		
ASSOCIATED PLANS	SUPERCEDES UMS-274 AND BSD-2016		

BRISBANE CITY

BRISBANE CITY COUNCIL STANDARD DRAWING

REGULAR BUS STOP IN CENTRES*
SHEET 3 OF 3

SCALE: NOT TO SCALE
DWG No.: BSD-2105
ORIGINAL SIZE: A3
REVISION: B