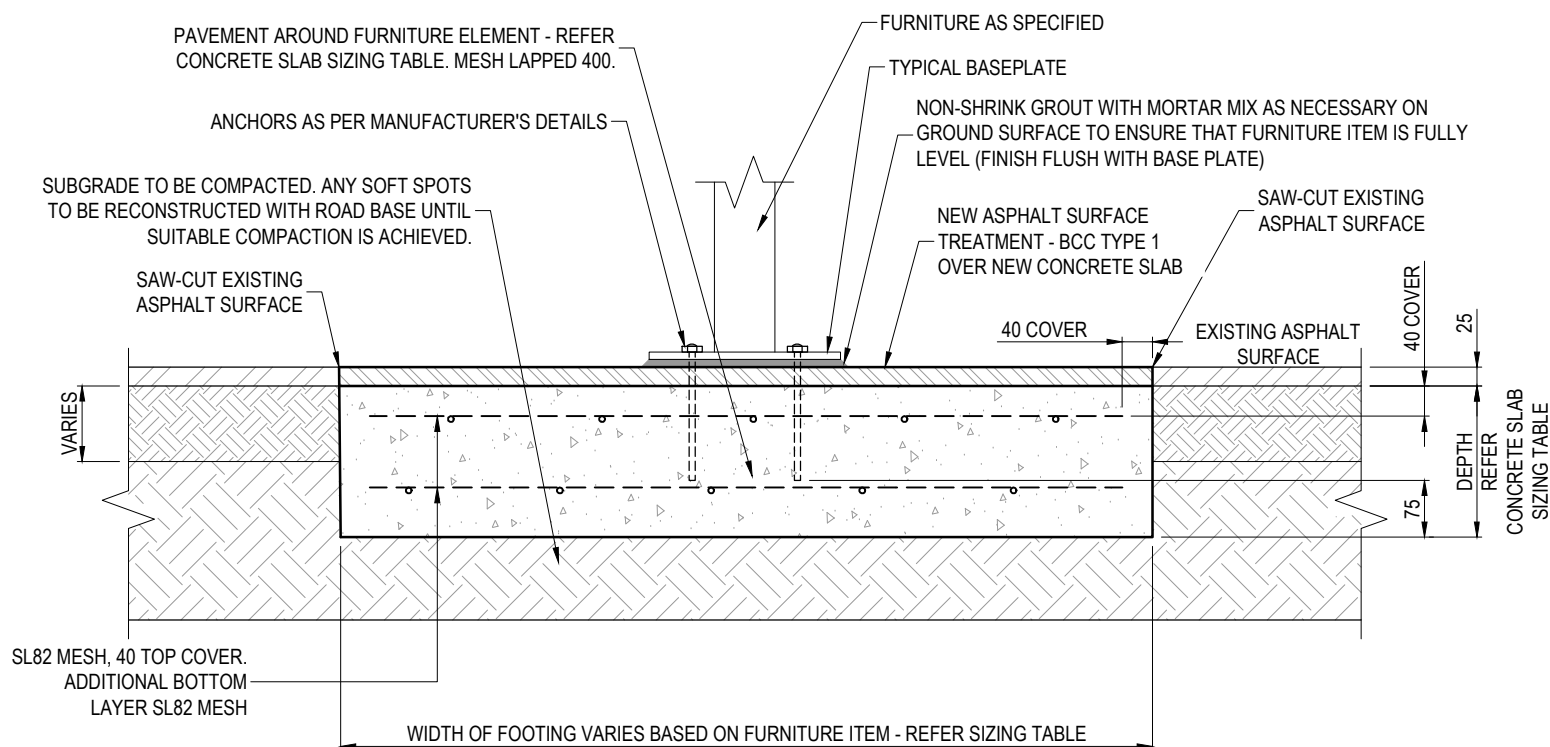


## NEW CONCRETE SLAB SIZING TABLE FOR STREETScape AND PUBLIC FURNITURE ITEMS - MINIMUM REQUIREMENTS

FURNITURE ITEM TYPE (BSD NUMBER)	CONCRETE STRENGTH AND GRADE	SLAB EXTENT AROUND FIXING POINTS	REINFORCEMENT REQUIREMENTS	SLAB WIDTH (min)	SLAB LENGTH (min)
SINGLE BIKE RACK (BSD-5051)	N32	FOOTING: 600 x 600 x 200 (DEPTH)	SL82	600	1100
MULTI-BIKE RACK (BSD-5052) - 3 BAY	N32	FOOTING: 600 x 600 x 200 (DEPTH)	SL82	600	1500
MULTI-BIKE RACK (BSD-5052) - 4 BAY	N32	FOOTING: 600 x 600 x 200 (DEPTH)	SL82	600	1800
MULTI-BIKE RACK (BSD-5052) - 5 BAY	N32	FOOTING: 600 x 600 x 200 (DEPTH)	SL82	600	2100
STREETScape FIXED BOLLARD (BSD-7095)	N32	FOOTING: 600 x 600 x 300 (DEPTH)	-	600	600
STANDARD SEAT (BSD-7201)	N32	FOOTING: 600 x 600 x 200 (DEPTH)	SL82	1000	2150
PUBLIC TRANSPORT SEAT (BSD-7202)	N32	FOOTING: 600 x 600 x 200 (DEPTH)	SL82	1050	2050
ANODISED 240L BIN UNIT DESIGN (BSD-7302)	N32	-	SL82	1110	1250
DRINKING FOUNTAIN (BSD-7331)	N32	FOOTING: 600 x 600 x 300 (DEPTH)	-	600	1020
BENCH (BSD-7203)	N32	FOOTING: 600 x 600 x 300 (DEPTH)	SL82	600	2050



### CONCRETE WORK NOTES

- ALL WORKMANSHIP AND MATERIAL SHALL BE IN ACCORDANCE WITH AS3600.
- FOOTINGS HAVE BEEN DESIGNED FOR AN ALLOWABLE BEARING PRESSURE OF 100 kPa.
- IF ANCHORING TO AN EXISTING CONCRETE SLAB, ENSURE SLAB IS MINIMUM 125 THICK AND MINIMUM SIZE OF 1965 x 800.
- WHERE SLAB ADJOINS A CONCRETE PATH, A DOWELLED EXPANSION JOINT (AS PER BSD-5206) SHALL BE INSTALLED BETWEEN THE TWO INTERFACES.
- DETAIL ASSUMES EXISTENCE OF EXISTING SLAB UNDER EXISTING SURFACE TREATMENT, IF NO SLAB EXISTS, A NEW SLAB IS TO BE CONSTRUCTED UNDER FURNITURE ITEM AS PER SIZING TABLE ON THIS SHEET FOR SPECIFIC FURNITURE ITEM.
  - CENTRE OF FURNITURE ITEM IS TO BE A MINIMUM OF 200 AWAY FROM EDGE OF SLAB AND IN ANY DIRECTION.
  - IF SOFT UNCONSOLIDATED GROUND IS DISCOVERED AT FOUNDING LEVEL, SEEK SUPERINTENDENT'S DIRECTION BEFORE OVER EXCAVATING OR BACKFILLING WITH CONTROLLED FILL CLASS 2 MATERIAL AND COMPACT.
  - ALL IN GROUND SERVICES SHALL BE IDENTIFIED BY CONTRACTOR, IF SERVICES ARE FOUND AT LOCATION OF FOOTING, CONTACT SUPERINTENDENT.
- ALL DIMENSIONS IN MILLIMETRES (U.N.O.).


#### NOTE:

TYPICAL SURFACE MOUNTING (FLANGE MOUNTING) TO NEW CONCRETE SLAB UNDER ASPHALT SURFACE: SUITABLE FOR MOST STREETScape AND PUBLIC FURNITURE ITEMS AS PER THE SIZING TABLE.

### FURNITURE ITEM FOOTING IN ASPHALT

SCALE: 1:10

THE FITNESS FOR PURPOSE OF THIS STANDARD DRAWING FOR A SPECIFIC PROJECT SHALL BE ASSESSED AND ACCEPTED BY A SUITABLY QUALIFIED REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND (RPEQ).

	<b>BRISBANE CITY COUNCIL STANDARD DRAWING</b>		PUBLISH DATE March 2021
	<b>FOOTING DETAILS FOR STREETScape AND PUBLIC FURNITURE ITEMS</b>		SCALE AS SHOWN
			DRAWING NUMBER <b>BSD-7205</b>
	ORIGINAL SIZE <b>A3</b>	REVISION <b>A</b>	