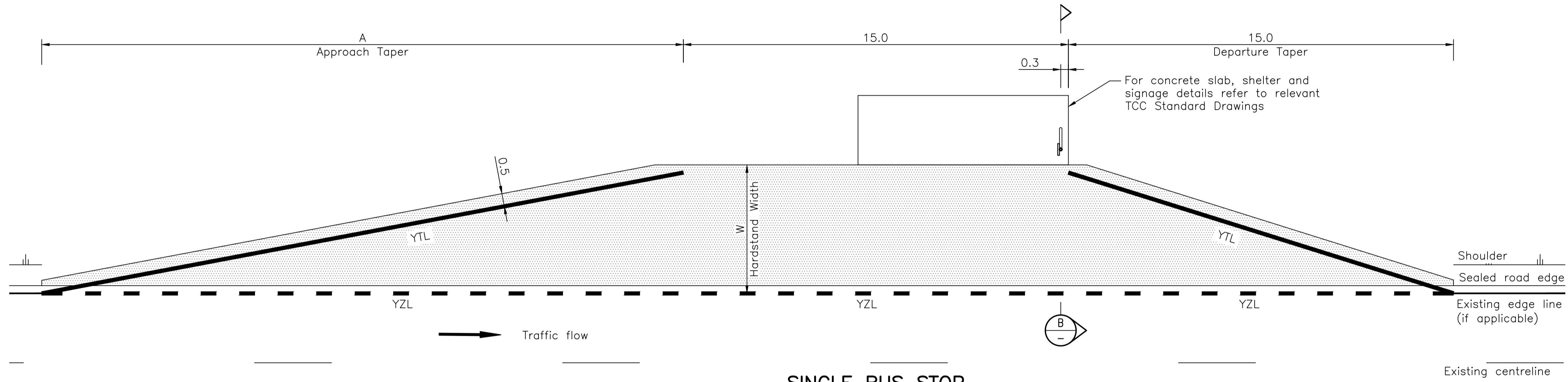
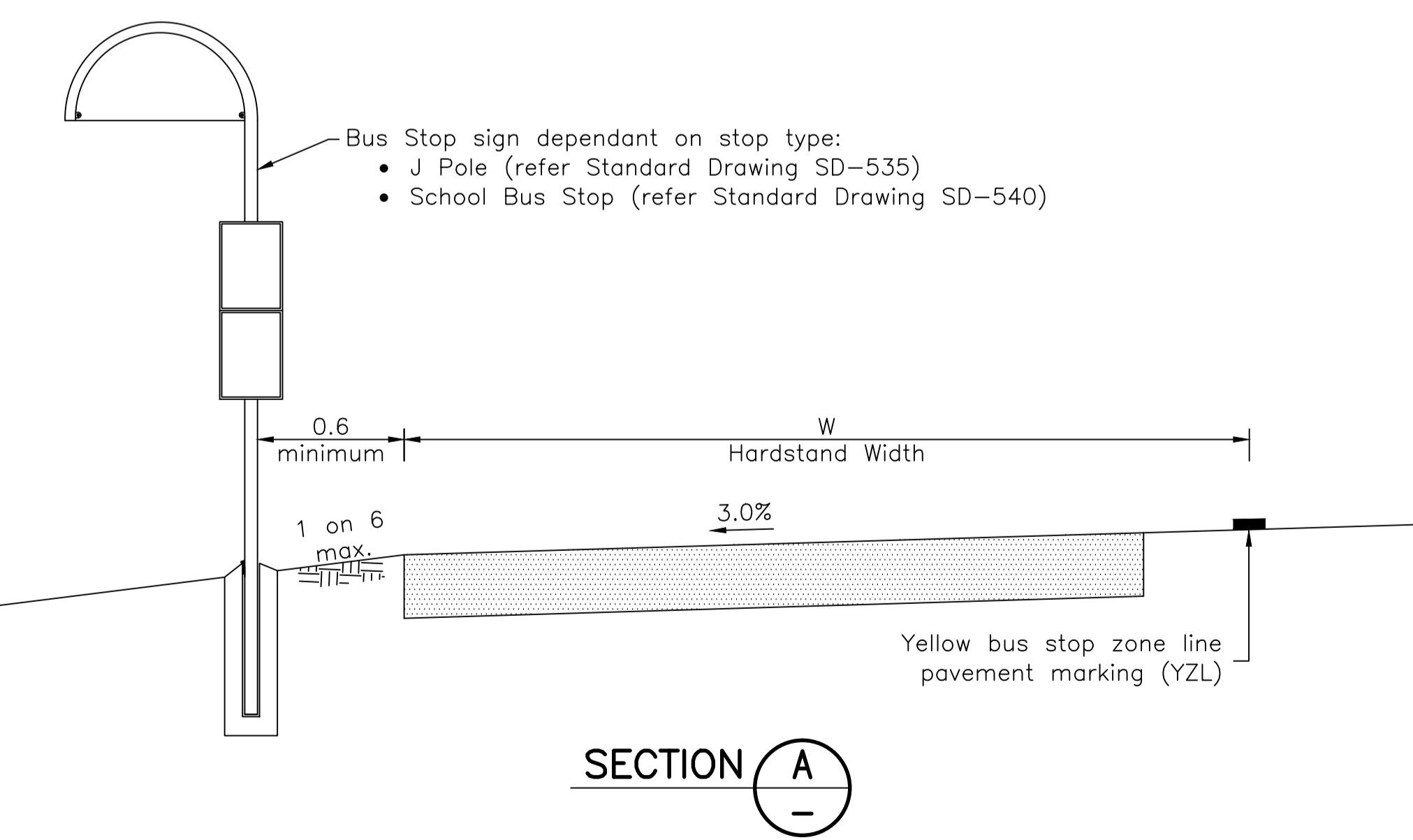


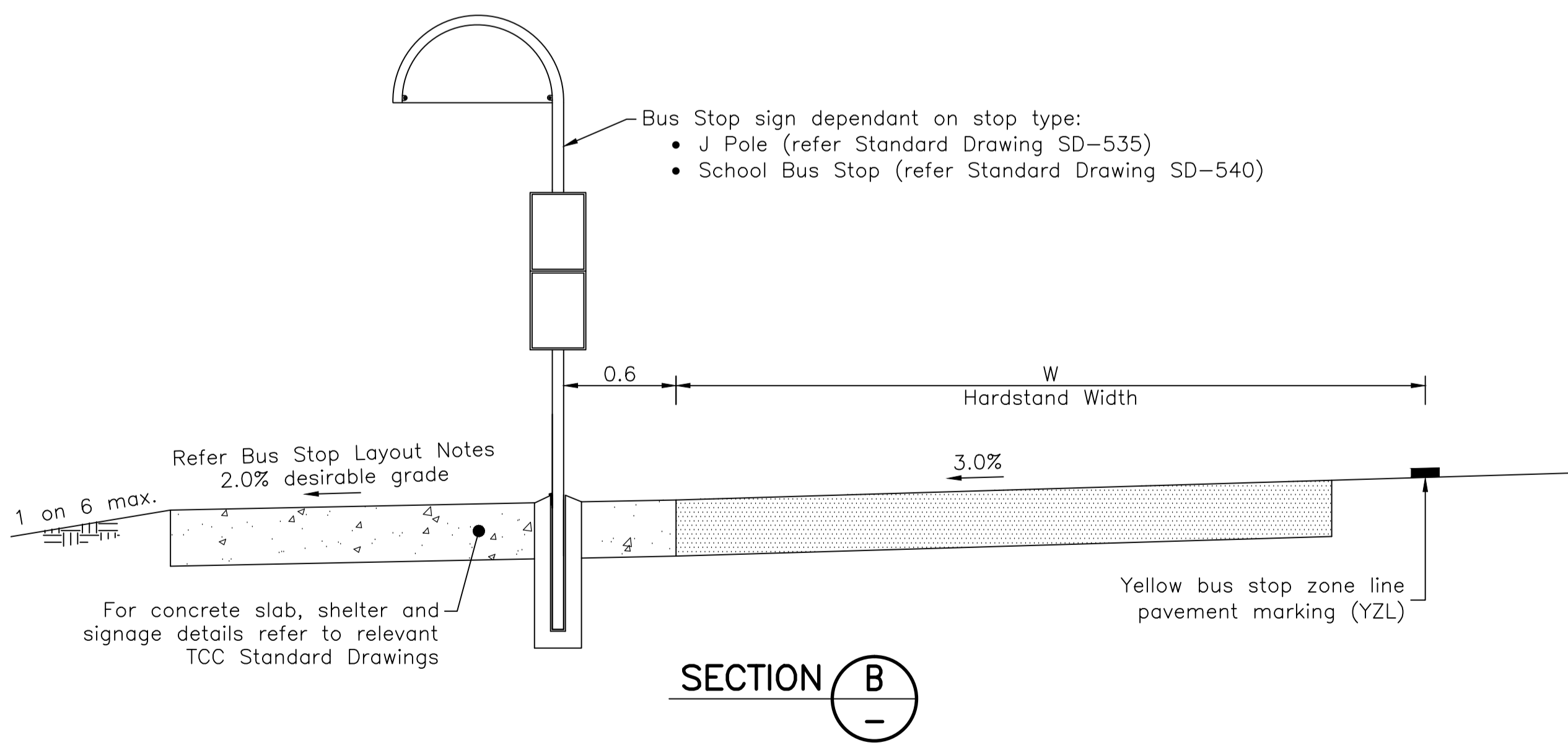
**SINGLE BUS STOP
SIGN ONLY**



**SINGLE BUS STOP
SHELTER AND CONCRETE SLAB LAYOUT**



SECTION A



SECTION B

NOTES

GENERAL

1. All dimensions are in metres, unless noted otherwise.
2. Do not scale these drawings. Use figured dimensions.
3. The Contractor shall check, verify on site and be responsible for the correctness of all dimensions shown on the drawings and discrepancies shall be reported immediately to the Superintendent before any work proceeds.
4. These drawings shall be read in conjunction with all other drawings and specifications and with such other written instructions as may be issued during the course of construction. All discrepancies shall be reported immediately for decision before proceeding with the project.
5. All workmanship and materials shall be in accordance with the requirements of the Townsville City Council Design Specifications and Construction Standards, Standards Australia Codes and the by-laws and ordinances of the relevant authorities.
6. During construction any structure and neighbouring structures shall be maintained in a stable condition, ensuring no parts are overstressed.
7. It is the contractors responsibility to ensure that the project is carried out in accordance with the drawings and specifications.

BUS STOP LAYOUT

1. Clear zone requirements to be maintained.
2. Bus Stop Concrete Slab crossfall
 - 1.0% minimum
 - 2.0% desirable
 - 2.5% maximum

ASSOCIATED DOCUMENTATION

This drawing has been compiled using the following documentation:

- Transport and Main Roads 'Road Planning and Design Manual'
- Austroads
- Standards Australia
- Manual of Uniform Traffic Control Devices

STATE CONTROLLED ROADS

Refer to Transport and Main Roads 'Road Planning and Design Manual'.

MINIMUM HARDSTAND DIMENSIONS			
Posted Speed Limit	Hardstand Width (m)	Approach Taper Length (m)	Departure Taper Length (m)
100 km/h	5	50	15
80 km/h	5	40	15
60 km/h	3.5	30	15

PAVEMENT MARKING LEGEND			
Line Type	Width	Paint/Gap Ratio	Colour
YZL — Bus Stop Zone Line	150mm	600/900mm	Yellow
YTL — Bus Stop Taper	150mm		Yellow

Pavement marking and signage to be installed in accordance with the Manual of Uniform Traffic Control Devices (MUTCD) and Townsville City Council standard drawing SD-060 unless otherwise noted.

LEGEND

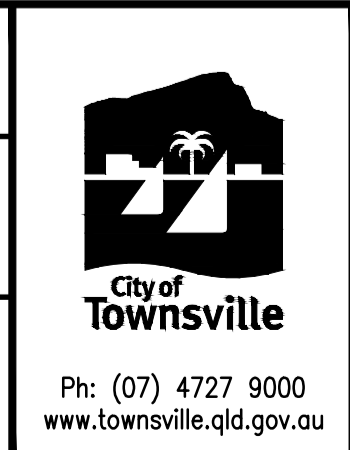
SEALED HARDSTAND
 Pavement design in accordance with TCC Planning Scheme SC 6.4.4.2

No.	DATE	DESCRIPTION	AP'D
C	23/3/2015	NOTES AND SYMBOLS	
B	11/06/14	DRAWING REVIEWED	
A	30/08/2011	ORIGINAL ISSUE	
REVISIONS			

NOTES :
 REFERENCE DRAWINGS
 SD-060 - TRAFFIC SIGN INSTALLATION
 SD-535 - J POLE, TIMETABLE DISPLAY CASE, RUBBISH BIN AND SLEEVE INSTALLATION DETAILS
 SD-540 - SCHOOL BUS BUS STOP SIGN DETAILS
 SD-560 - BUS SETDOWN RURAL LOCATIONS TABLE DRAIN CULVERT CROSSING
 SD-565 - BUS SETDOWN RURAL LOCATION TABLE DRAIN GRATED CULVERT CROSSING

Full Size A1
 Not to Scale

DRAWN: DESIGN OFFICE
 CHECKED: WJP
 Traffic Engineer Approved: Original signed by J EL-KHOURI
 Date: 24/3/2015
 Manager Approved: Original signed by C DEKIEVIT (Acting)
 Date: 25/3/2015



**BUS SETDOWN
RURAL LOCATIONS
LAYOUT DETAILS**

**STANDARD
DRAWING
TRANSPORT**
 SD-555 C