

150mm deep S32 fibre reinforced concrete infill ('Fibrecon GPF38' - 30kg/m³ or approved equivalent) with stencilled spray-on coating ('Covercrete' or approved equivalent) Colour: Terracotta Pattern: Herringbone

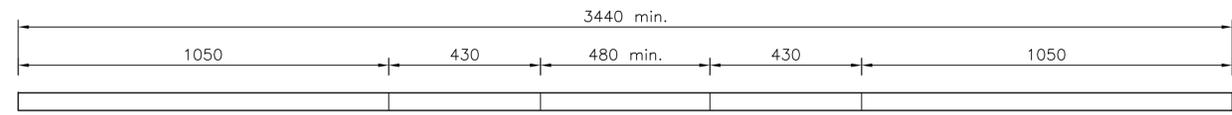
where refuge is adjacent to an intersection, length may be reduced to 1.8m to allow for turning traffic

600mm wide warning tactile indicator studs Refer treatment notes

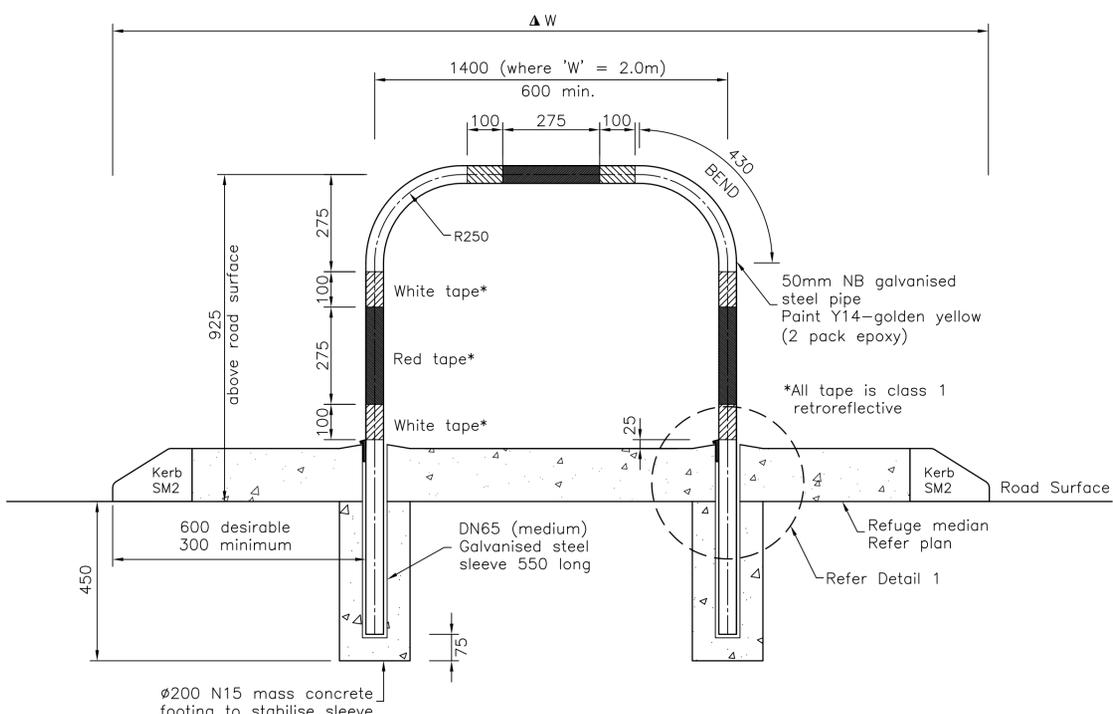
ΔW = 3.0m desirable 2.0m minimum

PLAN - TYPICAL

To determine requirements for provision of refuge refer TRUM - Pedestrian Crossing Facility Guidelines and Prioritisation System User Guide Section 3.1.3

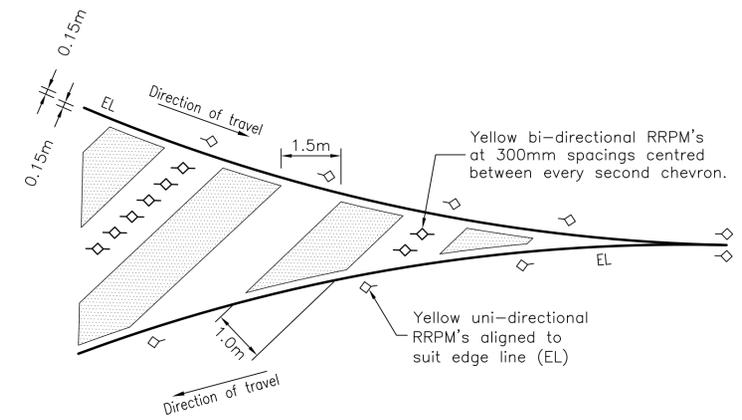


HOLDING RAIL BEND DETAIL



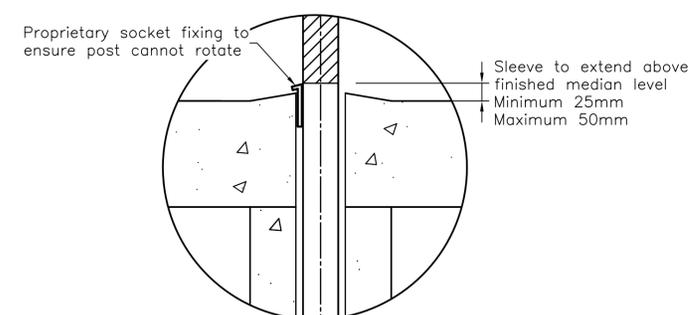
PEDESTRIAN REFUGE HOLDING RAIL DETAIL

Holding rails are required where:
 • Pedestrian refuge width (W) is ≥ 2.0m
 • Refuge forms part of TCC bicycle path network



CHEVRON DETAIL

Angle of chevrons 45° to the approach line



DETAIL 1
1:5

TACTILE INDICATOR TREATMENT

- Warning tactile ground surface indicators as per AS/NZS1428.4.1
- Standard yellow tactile indicator stud. Smooth side face. Drill and lock
- Refer manufacturers specification for application
- Colour of tactile indicator studs may vary in CBD and historic areas subject to approval.

GENERAL NOTES

- All dimensions are in millimetres, unless noted otherwise.
- Do not scale these drawings. Use figured dimensions.
- 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.
- This drawing 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.
- All workmanship and materials shall be in accordance with the requirements of Townsville City Council's Aus-Specs, Standards Australia Codes and the by-laws and ordinances of the relevant authorities.
- During construction any structure and neighbouring structures shall be maintained in a stable condition, ensuring no parts are overstressed.
- It is the contractors responsibility to ensure that the project is carried out in accordance with the drawings and specifications.



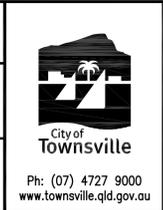
- W6-1B/W8-25B signs (typical) are required when refuge is in isolation (ie. not at an intersection)
- Refer MUTCD Part 10 - Pedestrian Control and Protection.
- Sign is located approximately 40-60m in advance of refuge (both directions) Refer MUTCD Part 1 - General Introduction and Sign Illustrations.

A		11/06/2014	ORIGINAL ISSUE	
No.	DATE	DESCRIPTION	AP'D	
REVISIONS				

NOTES :

Full Size A1
Not to scale

DRAWN: DESIGN OFFICE
 CHECKED: WJP
 Design Engineer Approved: Original signed by J EL-KHOURI
 Date: 11/6/2014
 Manager Approved: Original signed by J CLARKE
 Date: 12/6/2014



MISCELLANEOUS TRAFFIC DETAILS
 PEDESTRIAN REFUGE
 AND HOLDING RAIL

STANDARD DRAWING
 ROADWORKS
 SD-067 A