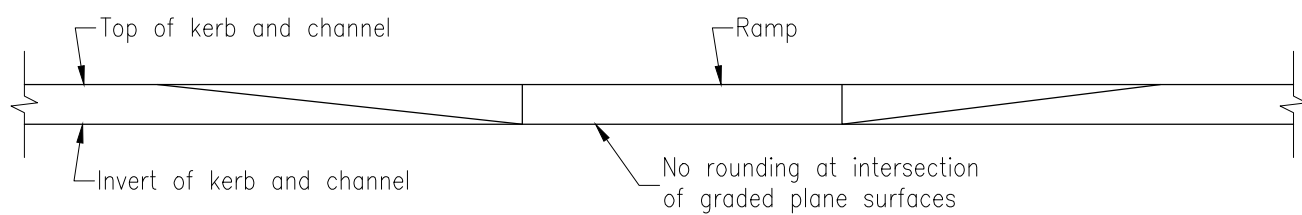
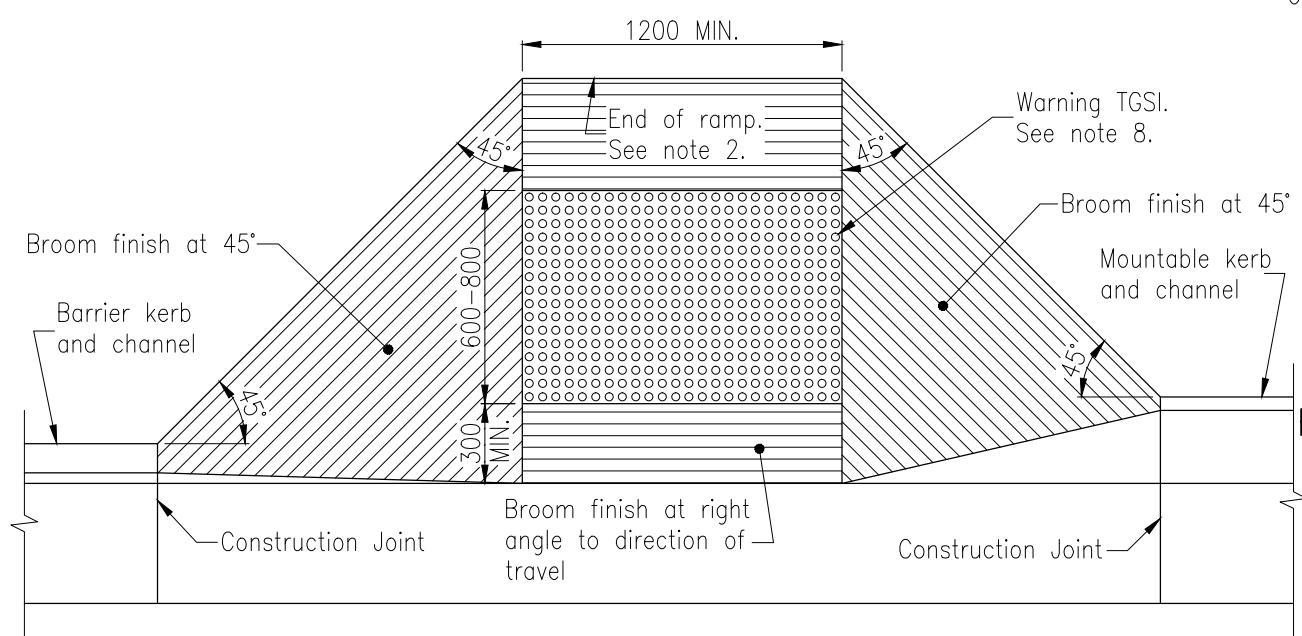


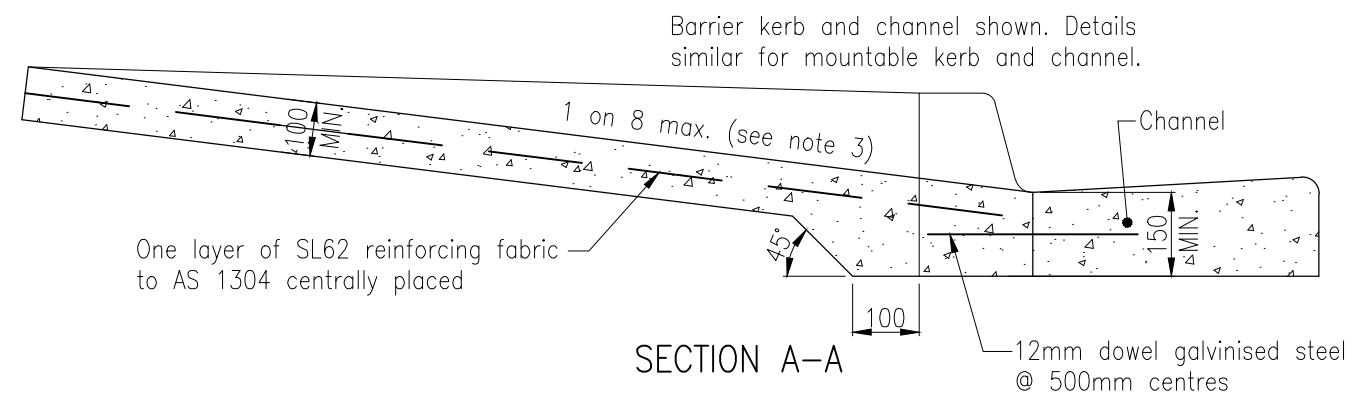
PLAN VIEW - TYPE GU RAMP



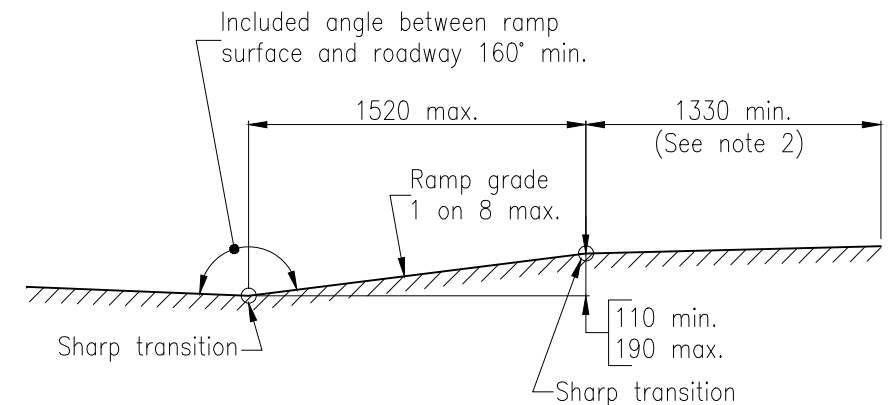
ELEVATION - RAMP



Section see note 5  
PLAN VIEW - TYPE TS RAMP



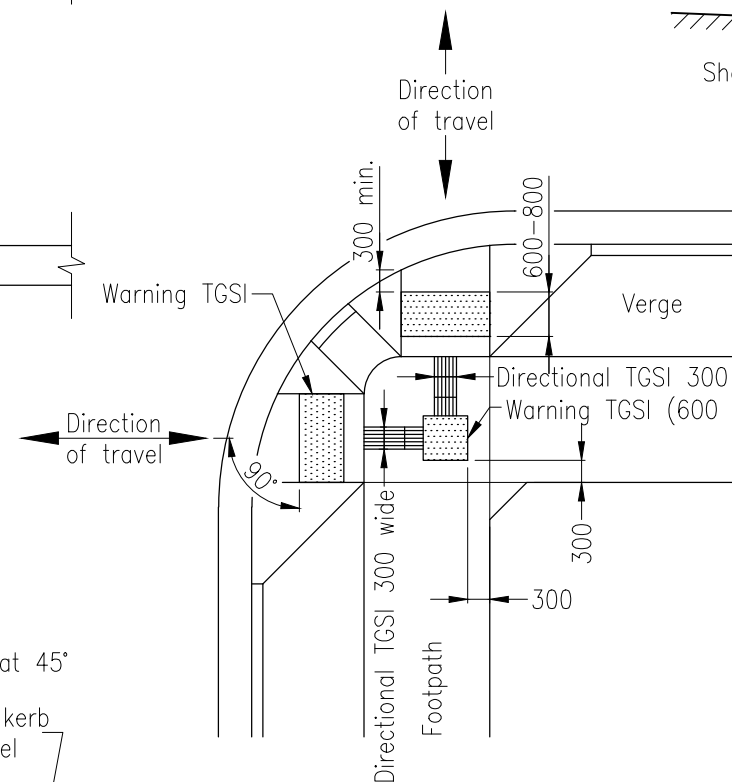
SECTION A-A



RAMP GRADING

NOTES:

- RAMPED PEDESTRIAN CROSSING TYPES are to be used as follows:  
1. Type GU - General usage.  
Type TS (Tactile Surface) - Where a need by vision impaired pedestrians has been identified.
- RAMP END CLEARANCE - There shall be a minimum wheelchair turnaround distance of 1330mm beyond the end of the ramp and free of any obstruction.
- RAMP SLOPE - Maximum ramp slope for wheelchair access shall be 1 on 8. The included angle between the ramp and the roadway shall not be less than 160° to provide ease of access for wheelchair users.
- RAMP LOCATION - Kerb ramps should preferably be directed at 90° to the direction of the road to enable vision impaired pedestrians to walk directly across the road by the shortest route. TYPE TS RAMP SECTION similar to section 1. Minimum 80mm depth of concrete to be provided below the tactile surfacing. CONCRETE to be Class 32MPa/10. All concrete to be broom finished. Ramp to be cast monolithically with the channel.
- SURFACE OF RAMP and sloping sides shall be slip resistant and of a colour that contrasts with the adjoining surfaces to meet the requirements of AS 1428.
- TGSi (Tactile Ground Surface Indicators) shall be in accordance with DR 00069 CP Design for Access and Mobility - Part 4: Tactile Indicators (Draft). Tactile indicators shall be of a contrasting colour, preferably yellow, to adjoining surfaces to assist partially sighted pedestrians. Width of warning indicators shall be for the full width of the ramp. Tactile surfacing shall be installed perpendicular to direction of travel.
- DIMENSIONS are in millimetres unless shown otherwise.



RAMP LOCATION  
(right angle corner)

APPLICABILITY TABLE							
Council	BSC	CHRC	GRC	IRC	LSC	MRC	RRC
Applicable	Yes	Yes	Yes	Yes	Yes	Yes	Yes

REVISIONS	DATE
E IRC ADDED	12/2016
D GRC AND LSC ADDED	09/2014
C MRC ADDED	04/2011
B AMENDED RAMP LOCATION AND TGSi	07/2010
A POST AMALGAMATION REVIEW	01/2010

**DISCLAIMER.**  
The authors and sponsoring organisations shall have no liability or responsibility to the user or any other person or entity with respect to any liability, loss or damage caused or alleged to be caused, directly or indirectly, by the adoption and use of these Standard Drawings including, but not limited to, any interruption of service, loss of business or anticipatory profits, of consequential damages resulting from the use of these Standard Drawings. Persons must not rely on these Standard Drawings as the equivalent of, or a substitute for, project-specific design and assessment by an appropriately qualified professional.

**Capricorn Municipal Development Guidelines**  
Incorporating:  
Banana Shire Council (BSC) Livingstone Shire Council (LSC)  
Central Highlands Regional Council (CHRC) Maranoa Regional Council (MRC)  
Gladstone Regional Council (GRC) Rockhampton Regional Council (RRC)  
Isaac Regional Council (IRC)

KERB RAMP DETAILS

ROADS				
STANDARD DRAWING				
CMDG-R-050				
REV.	A	B	C	D