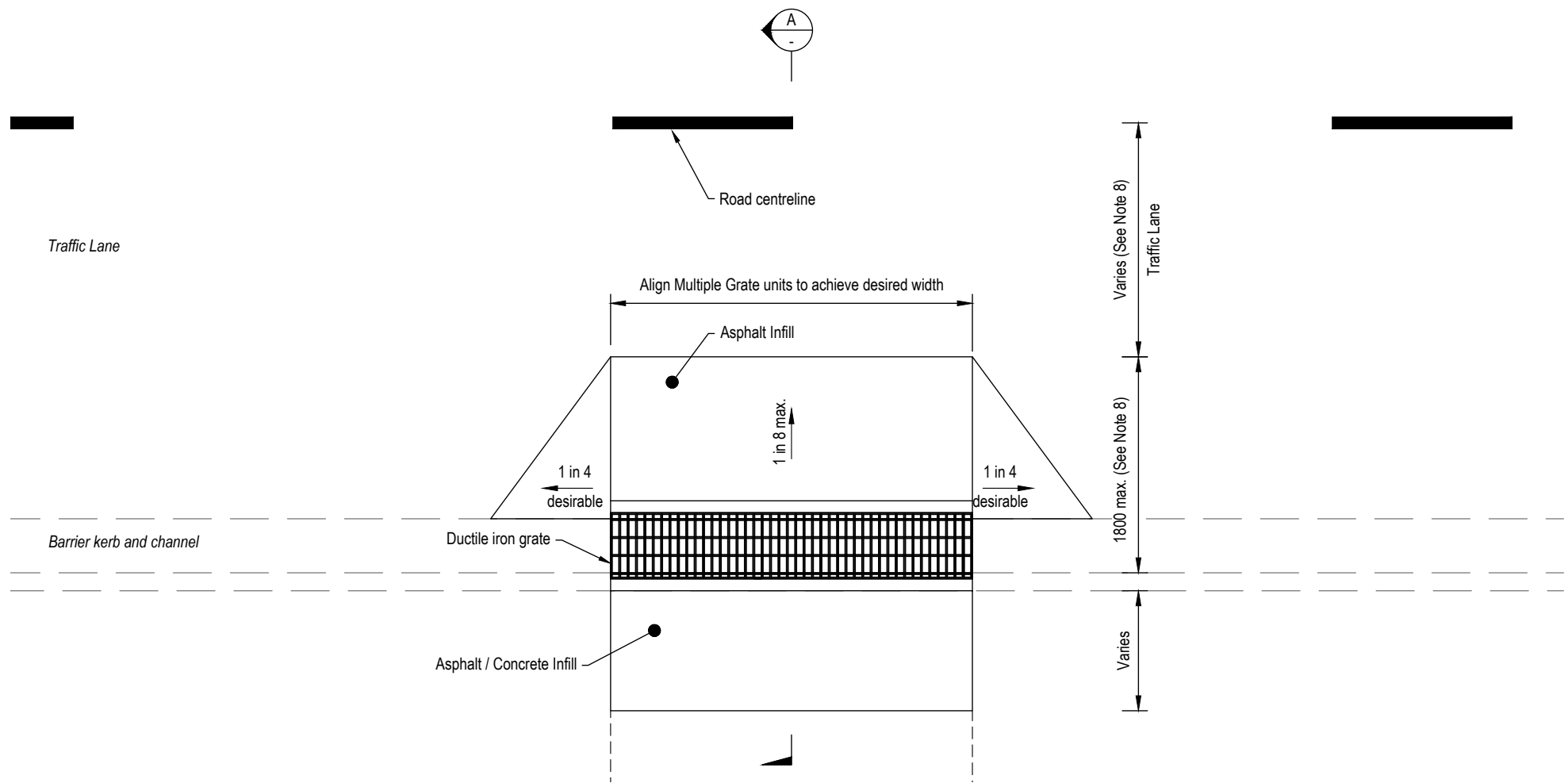


The grated crossovers detailed on this drawing should only be used in specific situations with prior approval of the LGA where it can be justified that standard treatments will not function.

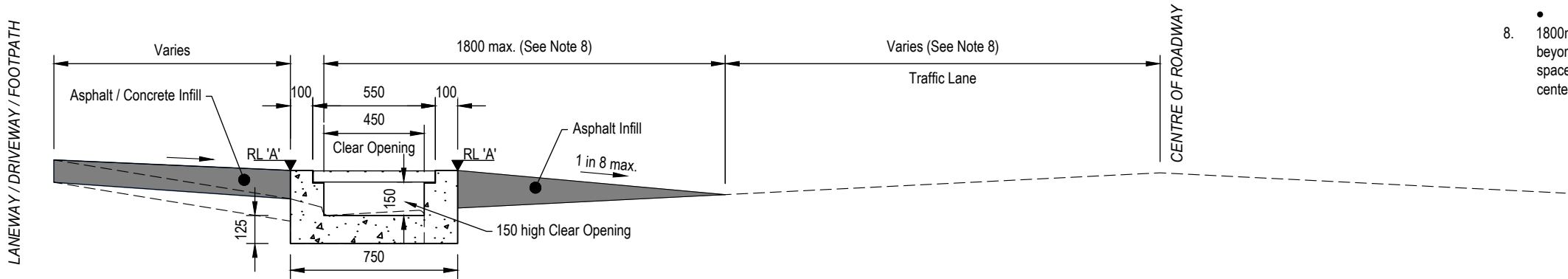


CROSSOVER PLAN  
SCALE 1:50

TYPICAL GRATE LOAD RATING	
LOCATION	LOAD CLASS
COMMERCIAL DRIVEWAY	D
RESIDENTIAL DRIVEWAY	C
PUBLIC LANEWAY	D
PEDESTRIAN WALKWAY/ AREA	C

NOTES:

- Grates to be in accordance with AS 3996 with specific consideration to bicycle tyre resistance criteria in all locations and heel penetration in designated pedestrian areas.
- Slip resistance of grates to be in accordance with AS 4586.
- Grate and crossover to be in accordance with AS 1428.
- Minimum load rating of grates to be in accordance with grate load rating table.
- Stormwater flow in kerb to be considered to ensure no adverse impacts due to reductions of kerb flow capacity.
- Vertical clearance check of crossover to be completed in accordance with AS 2890.1
- Situations where use of grated crossovers will be considered include:
  - Private residential driveways where a standard driveway will not function
  - Commercial driveways where a standard driveway will not function
  - Pedestrian paths where a standard kerb ramp will not function
  - Public laneways where steep crossfalls and drainage are an issue
- 1800mm maximum ramp offset width is to ensure the asphalt ramp does not protrude beyond the parking lane. If a parking lane is not present, then there should be sufficient space available for two vehicles to pass safely (low speed/ lower order roads only). If centerline is marked then 3.5m clearance is required.



TYPICAL SECTION A-A  
SCALE 1:25

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

REVISIONS		DATE
A	ORIGINAL ISSUE	04/2023

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Capricorn Municipal Development Guidelines

Incorporating:

Banana Shire Council (BSC)

Central Highlands Regional Council (CHRC)

Gladstone Regional Council (GRC)

Livingstone Shire Council (LSC)

Maranoa Regional Council (MRC)

Rockhampton Regional Council (RRC)

Isaac Regional Council (IRC)

GRATED CROSSOVER DETAILS

ROADS	
STANDARD DRAWING	A3
CMDG-R-045	
REV.	A