

GRC AND LSC ADDED 09/2014 MRC ADDED 04/2011 DRAWING NAME AMENDED 07/2010 POST AMALGAMATION REVIEW

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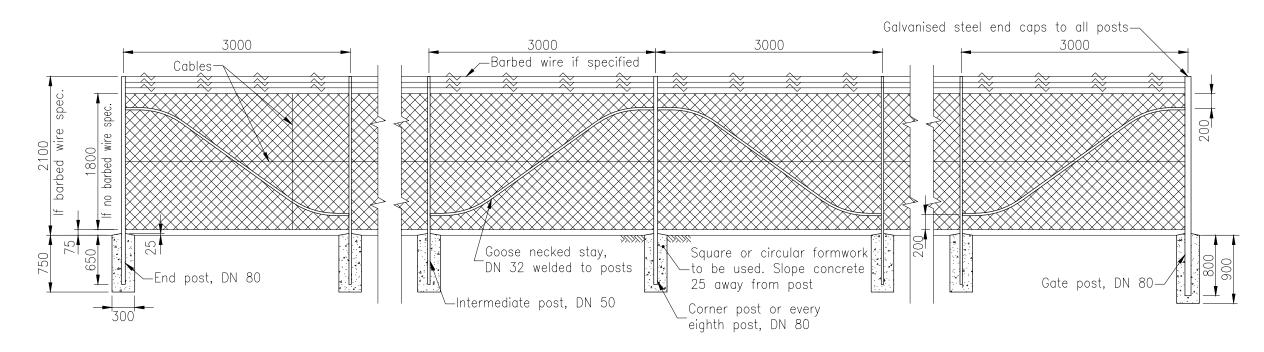
Banana Shire Council (BSC) Central Highlands Regional Council (CHRC)

Gladstone Regional Council (GRC)

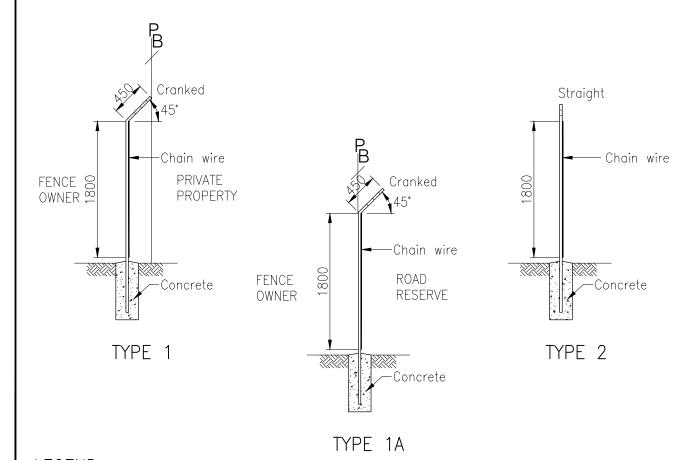
Isaac Regional Council (IRC)

Maranoa Regional Council (MRC) Rockhampton Regional Council (RRC) BARBED WIRE FENCE

CMDG-G-010 REV. ABCDE



TYPICAL SECTION



LEGEND

PB PROPERTY BOUNDARY

* Over hang allowed to be over road reserve but not over private property

NOTES:

- 1. POSTS: Gate posts to be DN 80 (light) galvanised steel tube, to AS 1074.

 Corner, end and every eighth post to be DN 80 (light) galvanised steel tube to AS 1074.

 Intermediate posts and goose necked stays to be DN 50 (light) galvanised steel tube to AS 1074.

 Galvanised steel end caps to be provided to all posts.

 All Posts to be Vertical.
- 2. Corner posts to be adopted where the change in angle in horizontal alignment exceeds 20 degrees.
- 3. Stays to be provided at end posts, gate posts, corner posts and every eighth post.
- 4. Standard couplings (down—ee fittings) may be used as an alternative to welds. For all connections except goose necked stays which shall be welded to posts.
- 5. All welds to be 5 thick continuous fillet welds to AS 1554 with cold galvanising treatment to completed welds.
- 6. Cables to be formed from two 3.15mm diameter wires twisted together and installed in accordance with AS 1725.
- 7. All posts, stays and cables are to be galvanised in accordance with AS 1650.
- 8. All concrete N25 in accordance with AS 1379 and AS 3600.

Horizontal cable at 450 centres to bottom cable

- 9. Chain wire to be fixed using 1.6 wire ties as follows:
 Intermediate posts at 3 locations
 End posts at 3 locations
 Horizontal cable at 375 centres to top cable
 Horizontal cable at 600 centres to middle cable
- 10. Barbed wire to AS 2423.
- 11. All dimensions in millimetres.

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

REV	DATE	
Ε	IRC ADDED	12/2016
D	GRC AND LSC ADDED	09/2014
С	MRC ADDED	04/2011
В	NOTE ADDED RE CRANKED OVERHANG	07/2010
Δ	POST AMALGAMATION REVIEW	01/2010

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Capricorn Municipal Development Guidelines Incorporating:

Incorporatin Banana Shire Council (BSC) Central Highlands Regional Council (CHRC)

Gladstone Regional Council (GRC) Isaac Regional Council (IRC) Livingstone Shire Council (LSC)

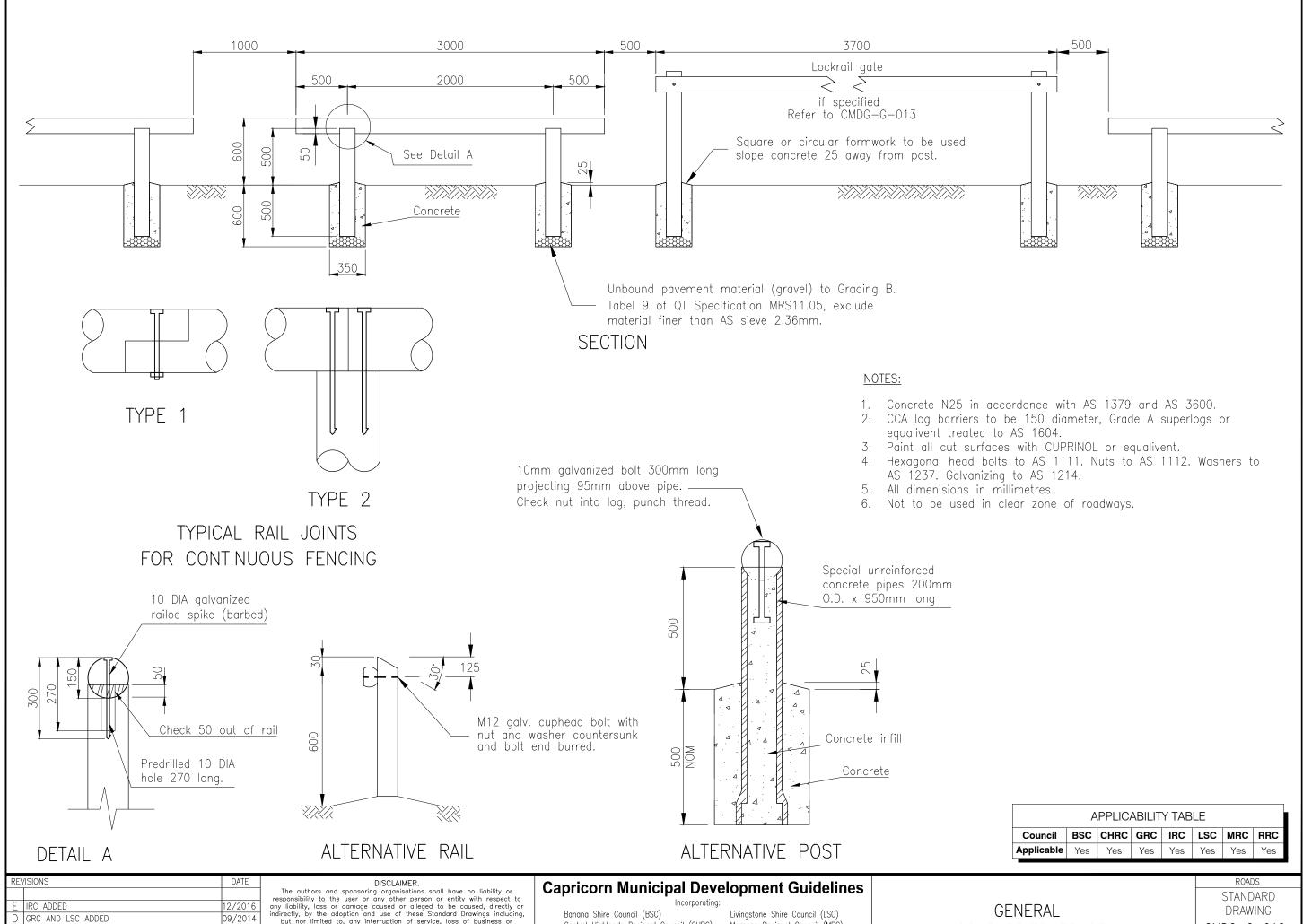
Maranoa Regional Council (MRC)

Rockhampton Regional Council (RRC)

CHAIN WIRE SECURITY FENCE

STANDARD DRAWING CMDG-G-011

REV. ABCDE



REV	/ISIONS	DATE
Ε	IRC ADDED	12/2016
D	GRC AND LSC ADDED	09/2014
С	MRC ADDED	04/2011
В	LOCKRAIL GATE REF. TO CMDG-G-013 ADDED	07/2010
Α	POST AMALGAMATION REVIEW	01/2010

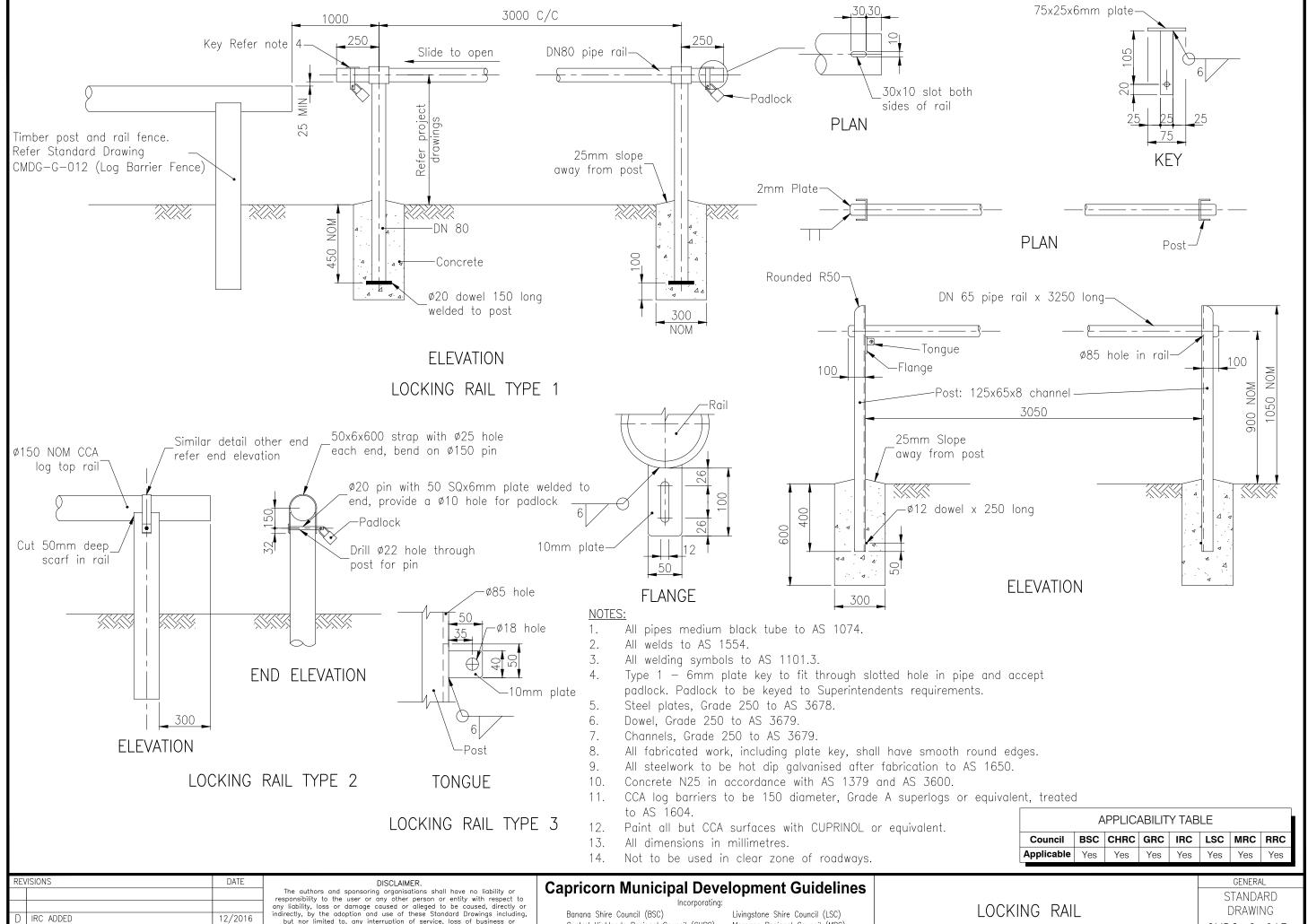
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LOG BARRIER FENCE

CMDG-G-012 REV. ABCDE



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D	IRC ADDED	12/2016
С	GRC AND LSC ADDED	09/2014
В	MRC ADDED	04/2011
Α	POST AMALGAMATION REVIEW	01/2010

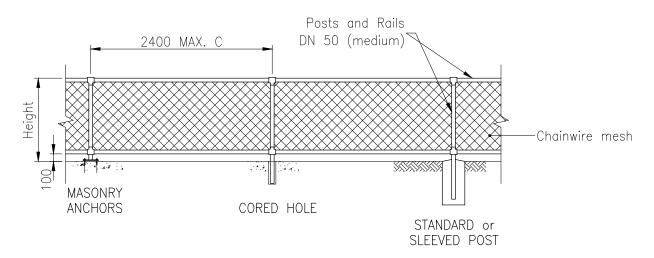
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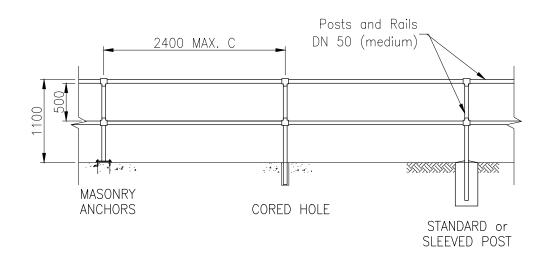
Central Highlands Regional Council (CHRC) Gladstone Regional Council (GRC) Isaac Regional Council (IRC)

Maranoa Regional Council (MRC) Rockhampton Regional Council (RRC)

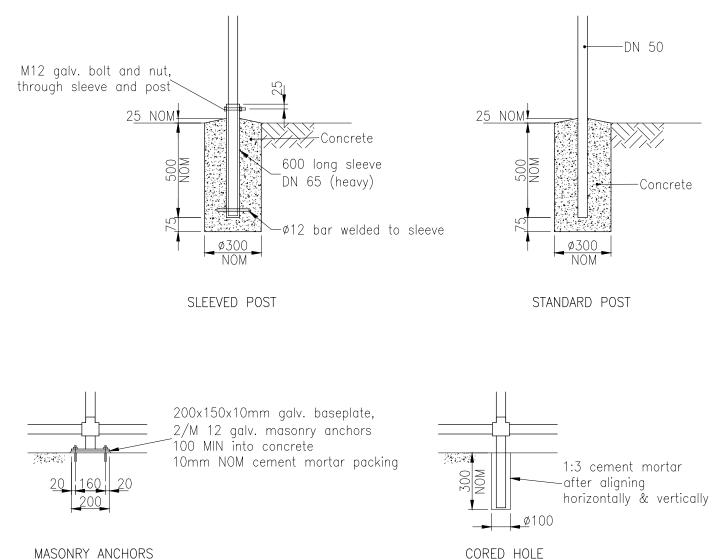
CMDG-G-013 REV. ABCD



TYPE 1A (Height - 1100) TYPE 1B (Height - 1350)



TYPE 2



FOOTING DETAILS

NOTES:

- 1. Refer project drawings for type of fence to be installed and type of footing to be adopted.
- 2. Construction of posts & rails shall be done using standard coupling connections only (no welds).
- 3. Galvanised chainwire to be 2.6mm thick x 50 mesh to AS 2423.
- 4. Ø12 bars, Grace 250 steel to AS2423.
- 5. Hexagonal head bolts to AS 1111. Nuts to AS 1112. Washers to AS 1237. Galvanising to AS 1214.
- 6. All rails and posts galvanised steel tube to AS 1074.
- 7. Concrete N25 in accordance with AS 1379 and AS 3600.
- 8. All dimensions in millimetres.

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

REV	DATE	
D	IRC ADDED	12/2016
С	GRC AND LSC ADDED	09/2014
В	MRC ADDED	04/2011
٨	DOCT AMALOMATION DEVIEW	01/2010

DISCLAIMER.

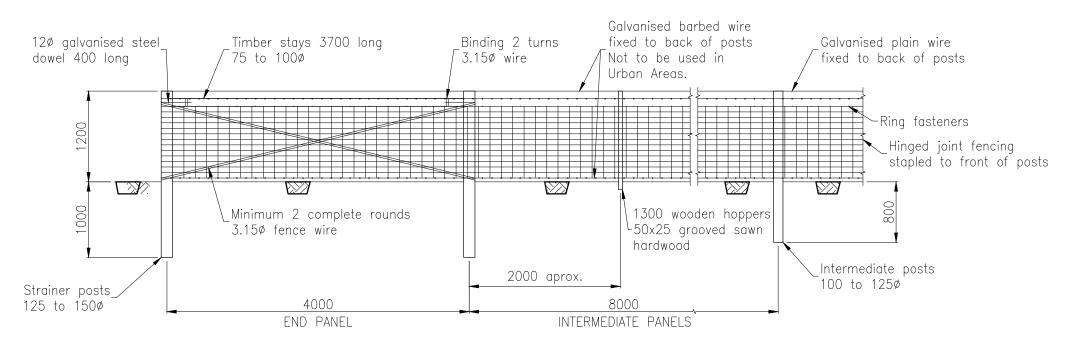
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Capricorn Municipal Development Guidelines

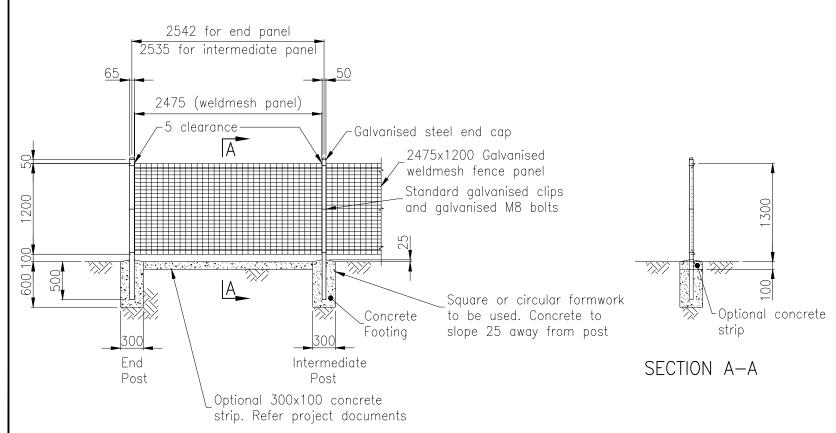
Banana Shire Council (BSC) Central Highlands Regional Council (CHRC) Gladstone Regional Council (GRC) Isaac Regional Council (IRC)

Livingstone Shire Council (LSC) Maranoa Regional Council (MRC) Rockhampton Regional Council (RRC) TUBULAR STEEL FENCE

GENERAL STANDARD DRAWING CMDG-G-014 REV. ABCD



CONTROL FENCE



NOTES

A - Weldmesh Fence

- 1. Gate and end posts to be 65x65x2 galvanised steel section to AS 1163.
- 2. Intermediate posts to be 50x50x2 galvanised steel section to AS 1163.
- 3. Panels to be fixed to posts using standard galvanised clips and galvanised M8 bolts.
- 4. Galvanised to AS 1214 and AS 1650.
- 5. Concrete N25 in accordance with AS 1379 and AS 3600.
- 6. Posts are to be vertical.
- 7. Raked panels are available for slopes up to 1 in 5.
- 8. Nuts to be spot welded to bolts as an anti-theft deterrent.

B - Control Fence

- 1. All barbed wire, plain wire, hinged joint fencing, staples and ring fasteners to be galvanised to AS 1650.
- 2. Provide strainer panels at 100 to 140m spacing. Panels to be as for 'End Panels' with an extra 2/3.15mm wire brace as indicated by broken lines.
- 3. Posts may be tea—tree, split hardwood or sawn timber.
- 4. Where fences turn 90° adopt an end panel going away in each direction.
- 5. Dowels, Grade 250 to AS 3679.

1. All dimensions in millimetres unless shown otherwise.

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

REV	DATE	
D	IRC ADDED	12/2016
С	GRC AND LSC ADDED	09/2014
В	MRC ADDED	04/2011
Δ	POST AMALGAMATION REVIEW	01/2010

ELEVATION

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WELDMESH FENCE

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Livingstone Shire Council (LSC) Maranoa Regional Council (MRC) Rockhampton Regional Council (RRC) WELDMESH FENCE AND CONTROL FENCE

GENERAL STANDARD DRAWING CMDG-G-015

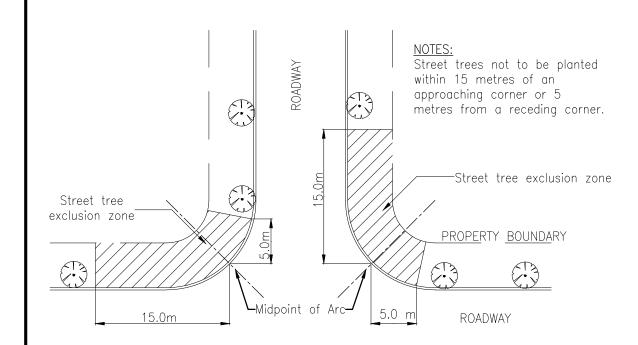
REV. ABCD

SET OUT:

- 1. Footpath tree planting for private works should be planted at 3 metre centres under power lines and 10.0 20.0m centres elsewhere. Variations to this may be made to accommodate driveways, avoid power poles etc.
- 2. To ensure effective street lighting, plant trees not closer than 9 metres to a street light. The trees should be set back from the rear of the kerb at a distance of 1.0m.
- 3. Minimum 15m exclusion zone for intersection planting may be amended by council based on road layout and design speed.
- 4. All footpath trees must have minimum 0.6m deep root control barrier to back of adjacent kerb.

SPECIES SELECTION:

- 1. Trees should be selected in place of shrubs or palms. Shrubs obscure sight lines for pedestrian and vehicle safety, and palms provide little shade and cannot be grown under power lines.
- 2. Trees however, create shade and character, and enhance the visual quality of the Town's streets.
- 3. When planting under power lines, ensure the species selected will not grow above 4.0 metres.



INTERSECTION PLANTING

not to scale

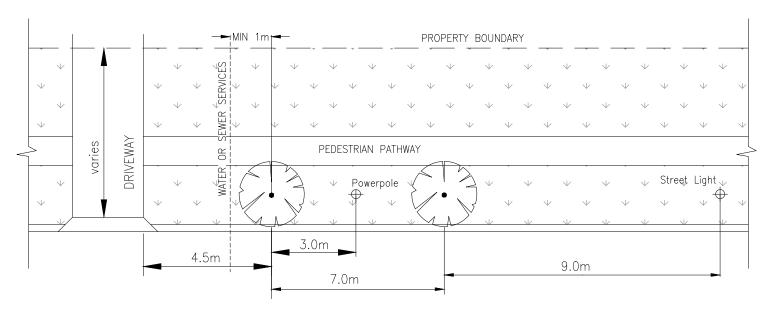
ROADWAY PATHWAY Steel Reinforcement to footpath

NOTES:

- Where concrete paths are not required as a consent condition and the location of services allow, trees will be located mid—way between back of kerb and property boundary (where space permits, trees will be located as far from roads, kerbs and paths as possible.
- 2. Landscape design must integrate with civil design to ensure the side of the road to carry an intended footpath/ bikeway is not constrained by above or below ground utilities.
- 3. For offset distances refer to:

 BSC Standard Drawings "Type Cross Sections in
 Urban Access Place"

STREET TREE PLANTING BETWEEN KERB AND FOOTPATH



NOTES:

In all cases the following minimum offsets from known features apply:

- streetlights 9.0 metres
- driveways 4.5 metres
- service pits/ inspection boxes 3.0 metres
- stormwater kerb adaptors 1.0m
- kerbs 1.0 metres

- pedestrian crossings and bus-stops
- 20.0 metres on approach
- •• 6.0 mretres on departure
- Ergon pad mounted transformer 3.0 metres
- Fire hydrants 3.0m
- Receding corner 5.0m
- Approaching corner 15.0m
- Power pole 3.0m

MID-BLOCK PLANTING

not to scale

VERGE FOOTPATH TREE PLANTING

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

REV	DATE	
F	IRC ADDED	12/2016
Ε	GRC AND LSC ADDED	09/2014
D	SERVICE CROSSING LOCATION CLARIFIED	07/2012
С	MRC ADDED	04/2011
В	NOTE 3 AMENDED	07/2010
Α	POST AMALGAMATION REVIEW	01/2010

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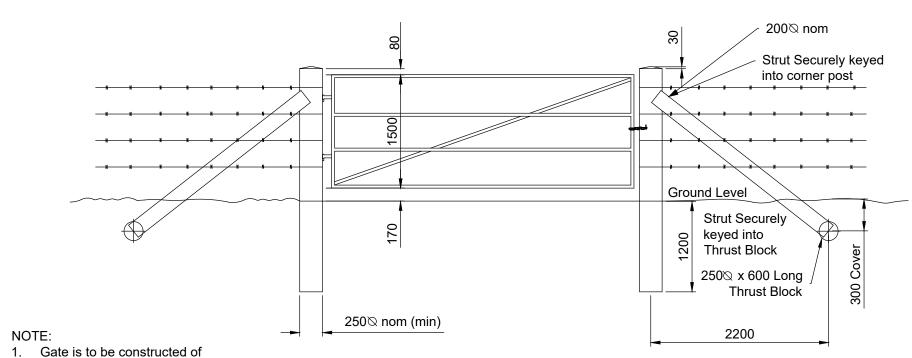
Incorporatin

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Central Highlands Regional Council (CHRC)
Gladstone Regional Council (GRC)
Isaac Regional Council (IRC)

Livingstone Shire Council (LSC) Maranoa Regional Council (MRC) Rockhampton Regional Council (RRC) STREET PLANTING

GENERAL
STANDARD
DRAWING
CMDG-G-016

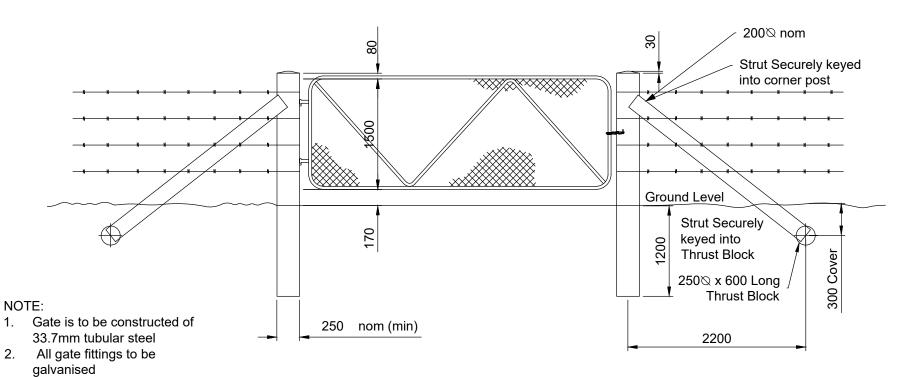
REV. ABCDF

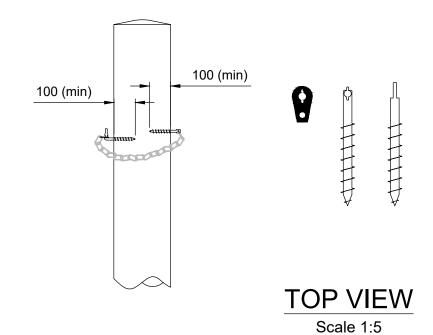


- Gate is to be constructed o 40mm square steel tubing 2mm thick min
- 2. All gate fittings to be galvanised
- 3. Minimum gate width 3m

STANDARD COUNCIL GATE TYPE 1

Scale 1:50





TYPICAL CROSS SECTION

Scale 1:20

GATE FASTENERS

STANDARD COUNCIL GATE TYPE 2

Scale 1:50

APPLICABILITY TABLE									
Council	BSC	CHRC	GRC	IRC	LSC	MRC	RRC		
Applicable	Yes	Yes	No	Yes	Yes	Yes	No		
Applicable	Refer G	RC Gat	es and	Grids P	olicy P-	2014/6			

*Dimensions are in Millimetres unless otherwise shown

REV	DATE	
F	RRC APPLICABILITY CHANGED TO NO	12/2021
Ε	IRC ADDED	12/2016
D	GRC APPLICABILITY AMENDED	08/2015
С	GRC AND LSC ADDED	09/2014
В	MRC ADDED	04/2011
Α	POST AMALGAMATION REVIEW	07/2010

Minimum gate width 3m

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Banana Shire Council (BSC) Central Highlands Regional Council (CHRC) Gladstone Regional Council (GRC) Isaac Regional Council (IRC) Livingstone Shire Council (LSC)

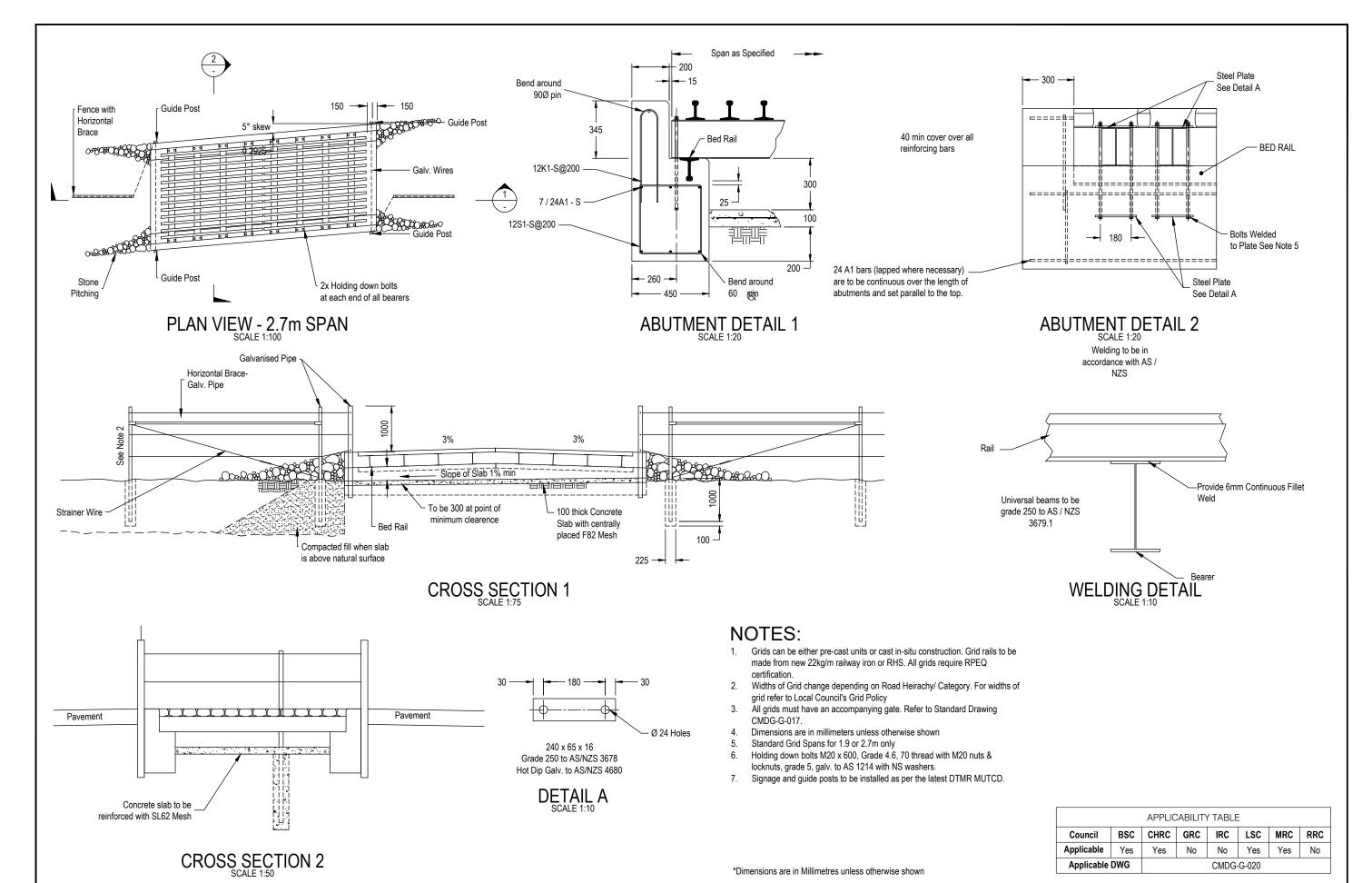
Maranoa Regional Council (MRC)

Rockhampton Regional Council (RRC)

STANDARD COUNCIL GATE

GENERAL
STANDARD
DRAWING
CMDG-G-017

REV. ABCDEF



SIONS	DATE
DRAWING RENAMED AND APPLICABILITY UPDATED	04/2023
RRC APPLICABILITY CHANGED TO NO	12/2021
RC ADDED	12/2016
NOTE ADDED	07/2015

09/2014

07/2012

D GRC AND LSC ADDED

C. NOTES AND FURTHER DETAILS ADDED

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Rockhampton Regional Council (RRC)

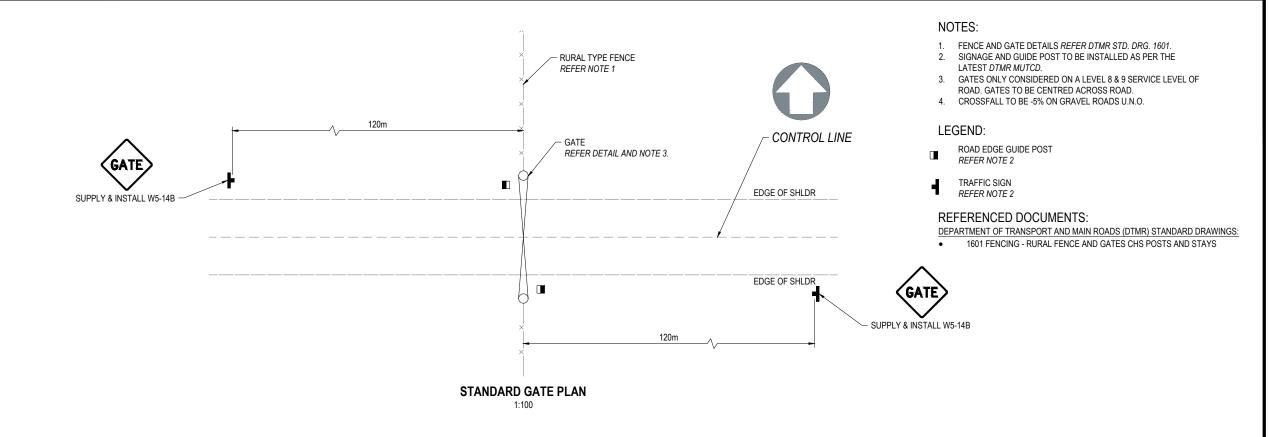
Isaac Regional Council (IRC)

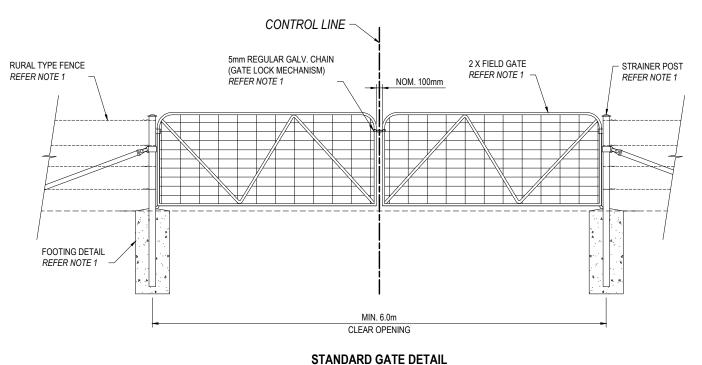
ALTERNATE COUNCIL GRID

GENERAL					
STANDARD	A3				
DRAWING	AJ				
01400 0 040					

CMDG-G-018

REV. CDEFGH







1:25

APPLICABILITY TABLE							
Council	BSC	CHRC	GRC	IRC	LSC	MRC	RRC
Applicable	No	No	Yes	Yes	No	No	Yes
Applicable	Refer GRC Gates and Grids Policy P-2014/6						

RE\	/ISIONS	DATE
С	RRC APPLICABILITY CHANGED TO YES	12/2021
В	IRC ADDED	12/2016
Α	NEW GRC DRAWING	09/2015

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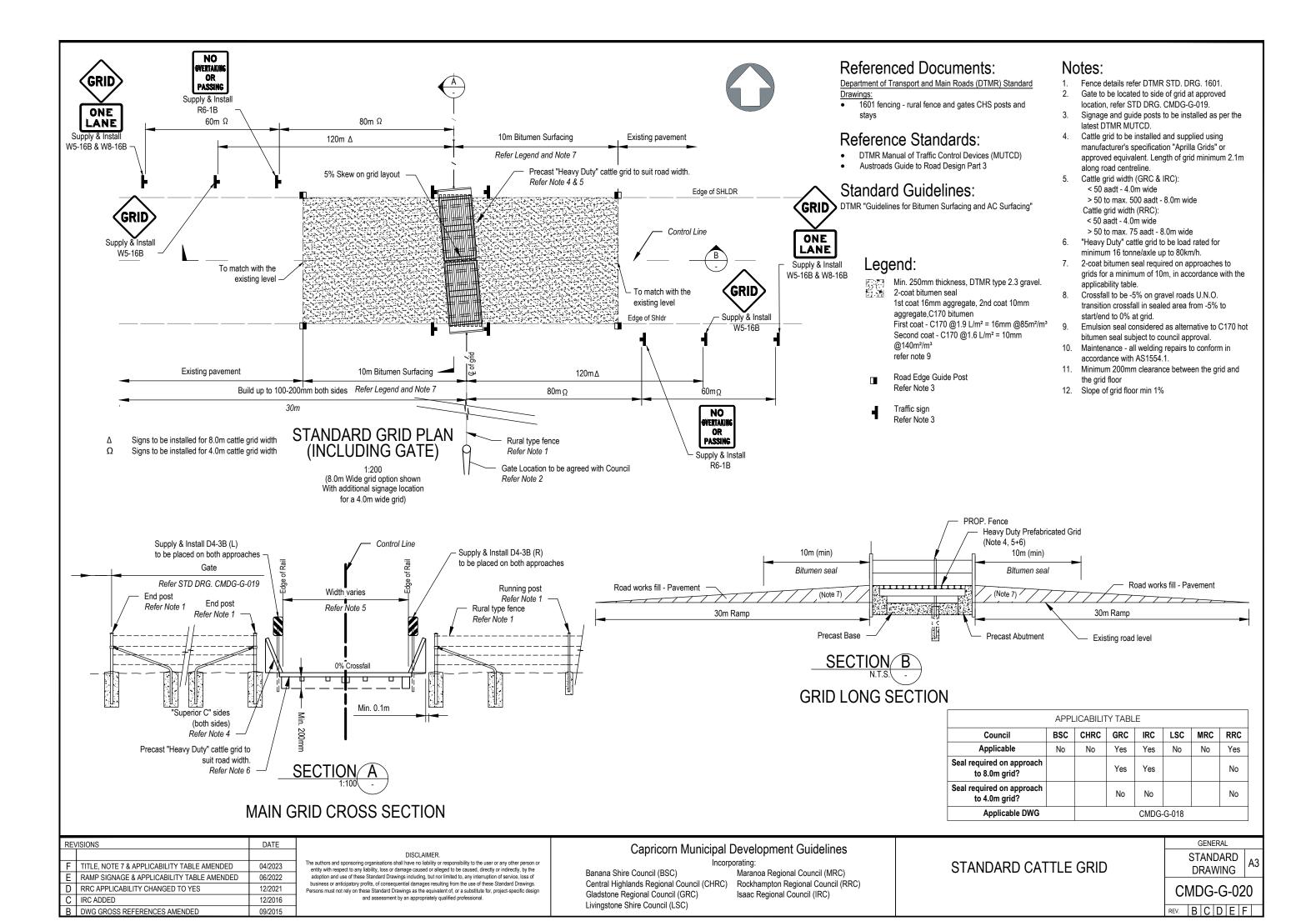
Livingstone Shire Council (LSC)

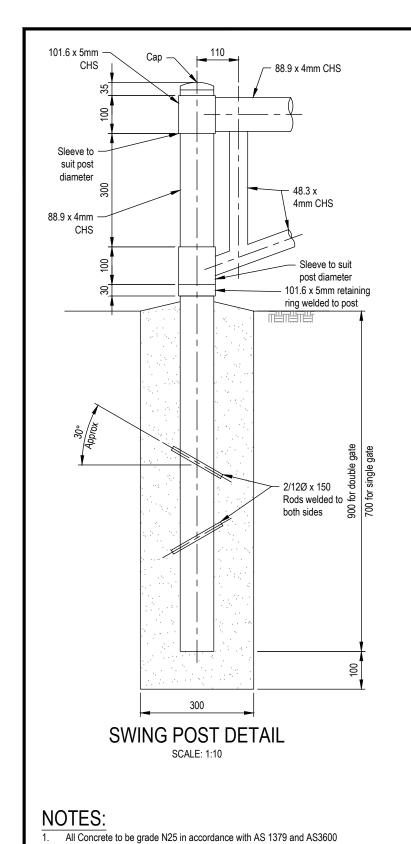
Maranoa Regional Council (MRC)

Rockhampton Regional Council (RRC)

6.0m GATE DETAIL

GENERAL
STANDARD
DRAWING
CMDG-G-019



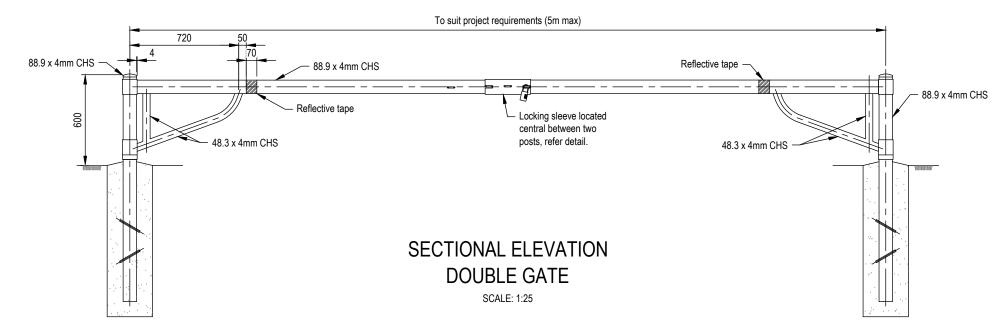


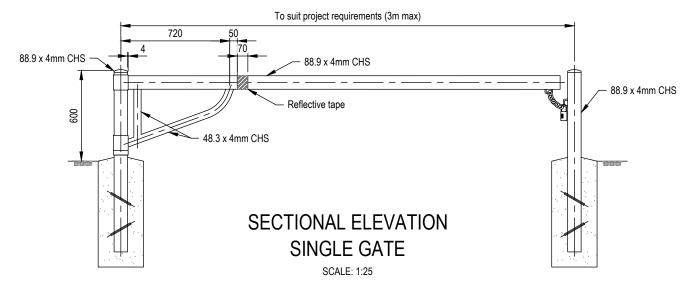
101.6 x 3.2mm CHS Locking sleve Slot to suit padlock hoop

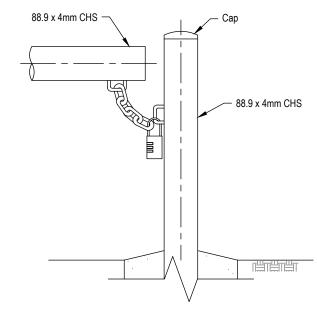
101.6 x 3.2mm Padlock hoops CHS Locking sleve Slot to suit padlock hoop

DOUBLE GATE LOCKING SLEEVE (OPEN POSITION) SCALE: 1:10

DOUBLE GATE LOCKING SLEEVE (CLOSED POSITION)
SCALE: 1:10







SINGLE GATE POST DETAIL

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

All gate components to be hot dipped galvanised after welding (unless

APPLICABILITY TABLE							
Council	BSC	CHRC	GRC	IRC	LSC	MRC	RRC
Applicable	Yes	Yes	Yes	Yes	Yes	Yes	Yes
7.66	100	100	100	100	100	100	100

REVISIONS DATE A NEW DRAWING 04/2023

All end and mitre joints to be butt welded all around All dimensions are in millimeters unless shown otherwise.

approved otherwise)

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Maranoa Regional Council (MRC) Rockhampton Regional Council (RRC) Isaac Regional Council (IRC)

ENTRANCE BARRIER SWING GATE

GENERAL STANDARD DRAWING CMDG-G-021

REV. A