# BSD-5000 SERIES PEDESTRIAN AND CYCLIST FACILITIES

THE PURPOSE OF THIS STANDARD DRAWING IS TO PROVIDE TYPICAL DETAILS THAT SUPPORT THE DESIRED OUTCOMES OF THE BRISBANE CITY PLAN 2014 AND ASSOCIATED PLANNING SCHEME POLICIES. THE FITNESS FOR PURPOSE OF THIS STANDARD DRAWING FOR A SPECIFIC PROJECT SHOULD BE ASSESSED AND ACCEPTED BY AN APPROPRIATELY QUALIFIED DESIGNER AND/OR REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND (RPEQ).



# BRISBANE CITY COUNCIL STANDARD DRAWING

5000 SERIES
PEDESTRIAN AND CYCLIST FACILITIES
MAJOR AMNEDMENT K

PUBLISH DATE

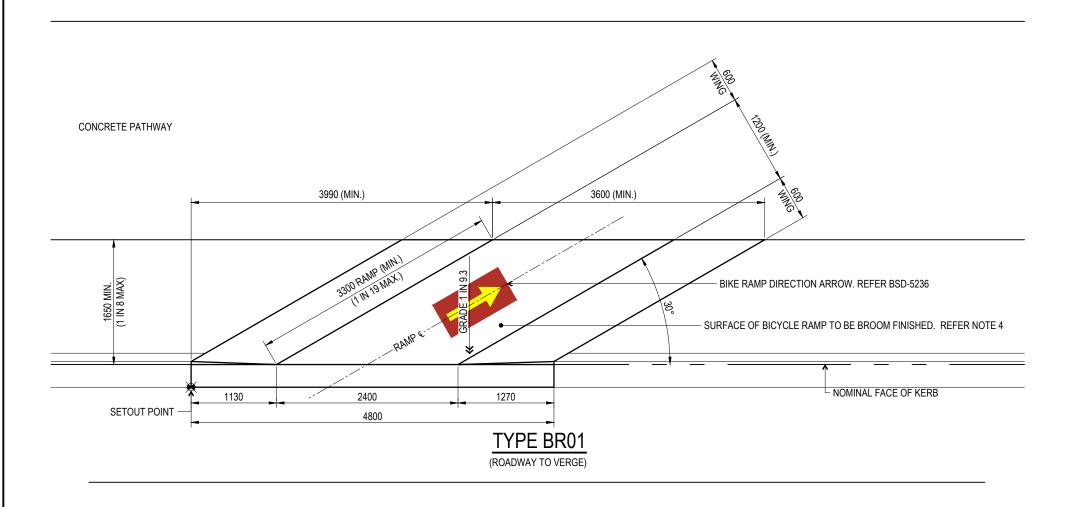
JUN 2025

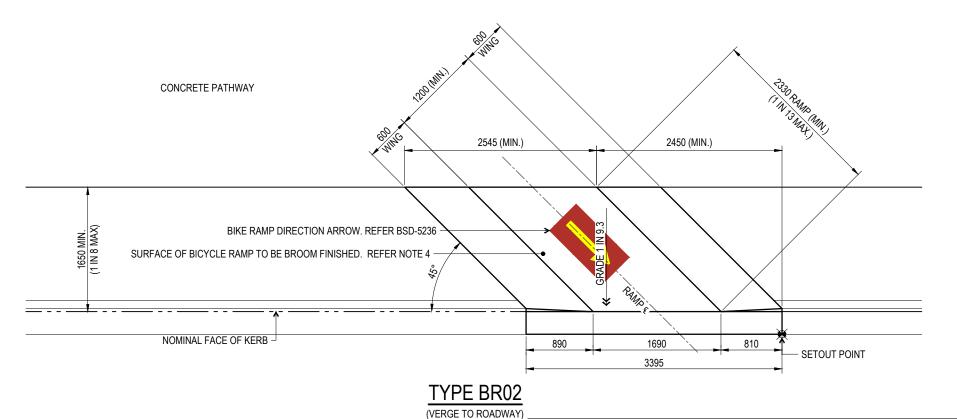
SCALE

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BSD-5000 SERIES

ORIGINAL SIZE REV





- 1. THIS DRAWING PROVIDES DETAILS OF THE BICYCLE KERB RAMP ONLY. APPROPRIATE PATH WIDTH ALONG WITH SIGNAGE AND PAVEMENT MARKING FOR THE ADJACENT ROADWAY MUST BE INCORPORATED WHEN USED. USE TO REVIEWED AND APPROVED BY A SUITABLY QUALIFIED REGISTERED PROFESSIONAL ENGINEER QUEENSLAND
- 2. THE SPECIFIED PAVEMENT STANDARD DOES NOT APPLY TO POOR SUBGRADE. REFER SUPPLEMENTARY NOTES (BSD-0019) FOR DETAIL.

  2. THE SPECIFIED PAVEMENT STANDARD ST
- 3. RAMPS NOT INTENDED FOR PEDESTRIAN USE. FOR STANDARD PEDESTRIAN KERB RAMP, REFER BSD-5211.
- 4. ALL CONCRETE TO BE GRADE N32.

- 5. ALL CONCRETE TO BE BROOM FINISHED PERPENDICULAR TO DIRECTION OF TRAVEL.
- 6. KERB RAMP IS TO BE CAST
  MONOLITHICALLY (i.e. IN A SINGLE POUR)
  WITH THE KERB AND CHANNEL. EXISTING
  KERB AND CHANNEL TO BE SAW CUT AND
  REMOVED.
- 7. TACTILE GROUND SURFACE INDICATORS (TGSI) ONLY TO BE USED ON RAMPS WHERE A NEED IS DEEMED TO EXIST.
- 8. TACTILE GROUND SURFACE INDICATORS (TGSI) IN ACCORDANCE WITH AS/NZS1428.4 DESIGN FOR ACCESS AND MORILITY
- 9. DIMENSIONS IN MILLIMETRES (U.N.O.).

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BRISBANE CITY COUNCIL STANDARD DRAWING

**BICYCLE KERB RAMP** 

JUN 2025

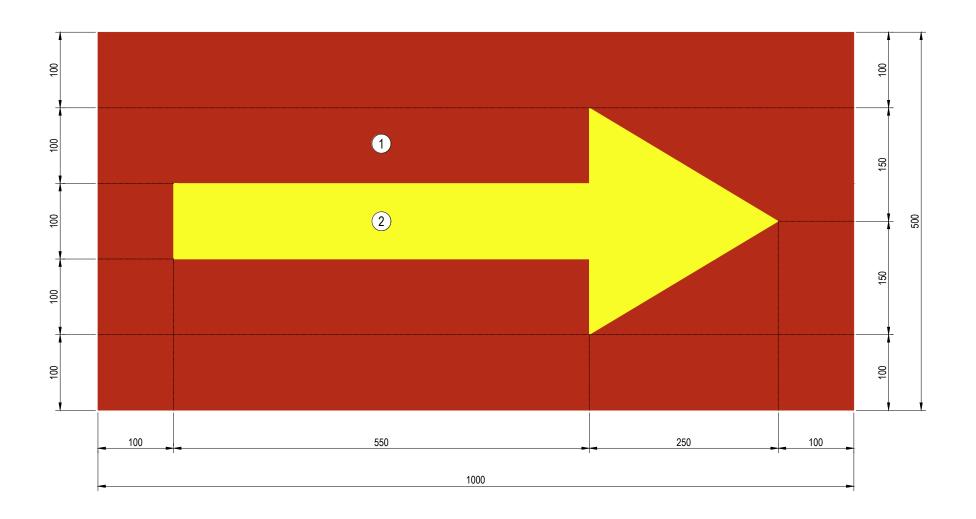
SCALE

NOT TO SCALE

DRAWING NUMBER

BSD-5235

ORIGINAL SIZE REVISION



- BACKGROUND COLOUR TO BE R13 'SIGNAL RED' TO AS2700.
- 2. ARROW COLOUR TO BE Y14 'GOLDEN YELLOW' TO AS2700.
- REFER TO REFERENCE SPECIFICATIONS FOR CIVIL ENGINEERING WORKS \$155
   ROAD PAVEMENT MARKING.
- ALL LEGEND MARKING MATERIAL TO INCLUDE AN ANTI-SKID MATERIAL TO BE APPLIED AT APPLICATION.
- 5. ALL DIMENSIONS IN MILLIMETRES (U.N.O.)

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# BRISBANE CITY COUNCIL STANDARD DRAWING

BICYCLE KERB RAMP DIRECTION ARROW

PUBLISH DATE

JUN 2025

SCALE

NOT TO SCALE

DRAWING NUMBER

BSD-5236

BSD-5236
ORIGINAL SIZE REVISION A3 A

# BSD-7000 SERIES FENCES, BARRIERS AND PUBLIC FURNITURE

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#### BRISBANE CITY COUNCIL STANDARD DRAWING

MAJOR AMNEDMENT K

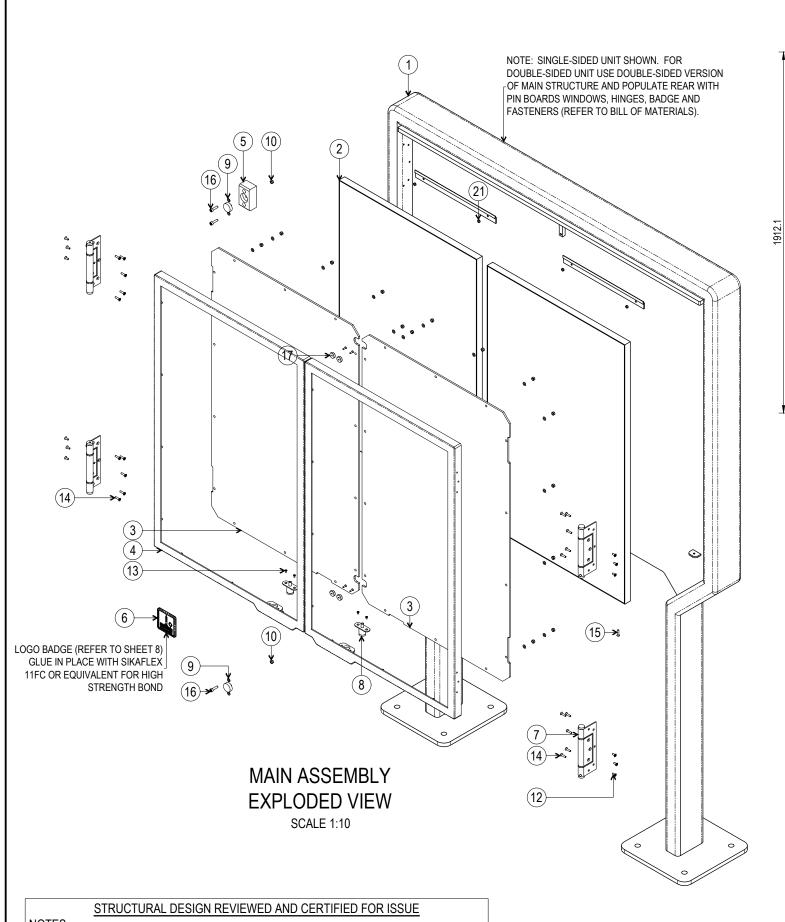
JUN 2025

7000 SERIES FENCES, BARRIERS AND PUBLIC FURNITURE

ORIGINAL SIZE

Α3

BSD-7000 SERIES



114.1

- WELDING TO BE IN ACCORDANCE WITH AS1554.1 CAT GP WELDING, ALL SHARP EDGES & BURRS REMOVED.
- PART SHOULD BE SUPPLIED CLEAN AND FREE FROM MARKS, BURRS, SCUFFS, DISTORTION AND WARPAGE.
- 3. DRAWING TO AS1100 DRAWING STANDARDS.
- ALL TOLERANCES ± 1.5MM UNLESS OTHERWISE SPECIFIED.
- 5. ALL DIMENSION IN MILLIMETRES (U.N.O.).

# STANDARDS:

DESIGNED IN ACCORDANCE WITH AND FABRICATED TO MEET THE FOLLOWING STANDARDS:

- GUIDE TO ENGINEERING PRACTICE, 'PEDESTRIANS', PART 13, AUSTROADS.
- S2. AS1627.4 METAL FINISHING -PREPARATION AND PRE-TREATMENT OF SURFACES ABRASIVE BLAST CLEANING OF STEEL.
- S3. AS2312:2002/AMDT 1:2004, GUIDE TO PROTECTION OF IRON AND STEEL AGAINST EXTERIOR ATMOSPHERIC CORROSION, 1994.
- S4. AUSTRALIAN ROAD RULES , 1999, WWW.NRTC.GOV.AU
- S5. AS4506 -2005, METAL FINISHING-THERMOSET POWDER COATINGS

ITEM NO.	DESCRIPTION	SINGLE SIDED QTY.	DOUBLE SIDED QTY.
1	MAIN STRUCTURE	1	1
2	KROMMENIE PIN BOARD WITH LX7000 FRAME	2	4
3	4.5mm HIGH-IMPACT ACRYLIC WINDOW PANEL	2	4
4	WINDOW FRAME	1 x LH AND 1 x RH	2 x LH AND 2 x RH
5	DOOR STOP BLOCK	2	2
6	LOGO BADGE (BSD-7345)	1	2
7	JUSTOR SELF CLOSING SPRING HINGE - ST150 SS	4	8
8	18mm PLUNGER LOCK - KEYED ALIKE	2	4
9	M5 FLAT WASHER - 304 S.S.	32	64
10	M5 NYLOC NUT - 304 S.S.	30	60
(11)	M4 x 10mm CSK TORX SECURITY SCREW 304 S.S.	12	24
(12)	M3 x 6mm CSK TORX SECURITY SCREW 304 S.S.	4	8
13)	M4 x 10mm CSK TORX SECURITY SCREW 304 S.S.	20	40
14)	8G CSK TORX SECURITY SCREW 304 S.S.	4	8
(15)	M6 x 10mm CAP TORX SECURITY SCREW 304 S.S	4	8
16)	Ø16mm CSK NEODYMIUM MAGNET	4	4
17)	25mm POTTED NEODYMIUM MAGNET	2	4
18)	VisionChart SPLIT BATON MOUNTING RAIL	2	4
19	M3 x 6mm CSK TORX SECURITY SCREW 304 S.S.	4	8
20	M4 HEX NUT - 304 S.S.	4	8

SIDE VIEW

#### NOTES

- SHOULD SITE CONDITIONS VARY FROM THE ABOVE CRITERIA, PLEASE CONTACT A SUITABLY QUALIFIED ENGINEER;
- WINDOW PANEL, PIN BOARD PANEL AND DOOR STOP BLOCK AS PER MANUFACTURER'S SPECIFICATIONS (EXCLUDED FROM THIS CERTIFICATE);
- THIS CERTIFICATE SHALL NOT BE CONSTRUED AS RELIEVING ANY OTHER PARTY OF THEIR RESPONSIBILITIES, LIABILITIES OR CONTRACTUAL OBLIGATIONS.

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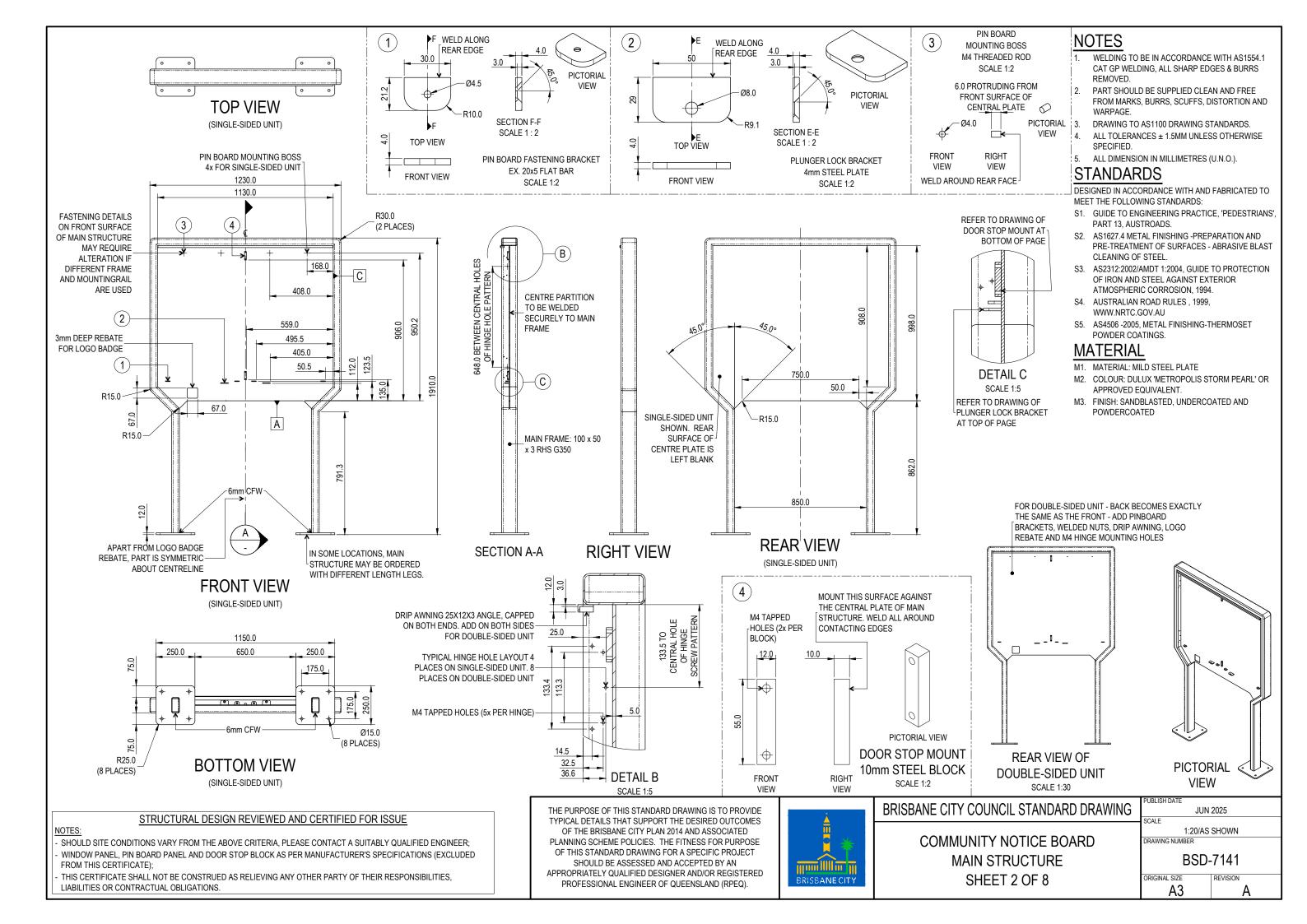
**FRONT VIEW** 

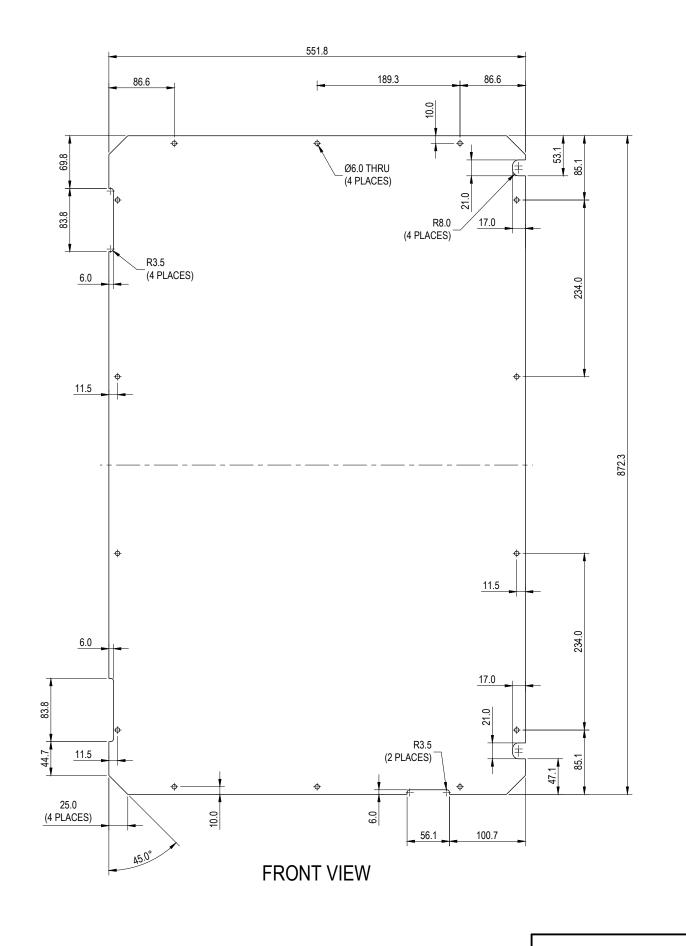
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# BRISBANE CITY COUNCIL STANDARD DRAWING

COMMUNITY NOTICE BOARD
MAIN ASSEMBLY
SHEET 1 OF 8

PUBLISH DATE	
JUN	2025
SCALE	
1:	20
DRAWING NUMBER	
BSD-	7141
ORIGINAL SIZE	REVISION
A3	Α

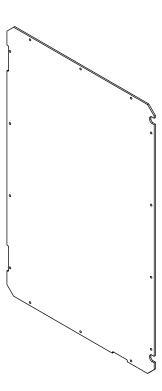




- PART SHOULD BE SUPPLIED CLEAN AND FREE FROM MARKS, BURRS, SCUFFS, DISTORTION AND WARPAGE.
- 2. DRAWING TO AS1100 DRAWING STANDARDS.
- 3. ALL TOLERANCES ± 1.5mm UNLESS OTHERWISE SPECIFIED.
- 4. ALL DIMENSION IN MILLIMETRES (U.N.O.).

# MATERIAL:

- M1. MATERIAL: 4.5mm HIGH IMPACT ACRYLIC.
- M2. COLOUR: CLEAR.
- M3. FINISH: DEBURR EDGES.



# PICTORIAL VIEW

SCALE 1:1

#### STRUCTURAL DESIGN REVIEWED AND CERTIFIED FOR ISSUE

#### NOTES:

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- WINDOW PANEL, PIN BOARD PANEL AND DOOR STOP BLOCK AS PER MANUFACTURER'S SPECIFICATIONS (EXCLUDED FROM THIS CERTIFICATE);
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PROFESSIONAL ENGINEER OF QUEENSLAND (RPEQ).



**RIGHT VIEW** 

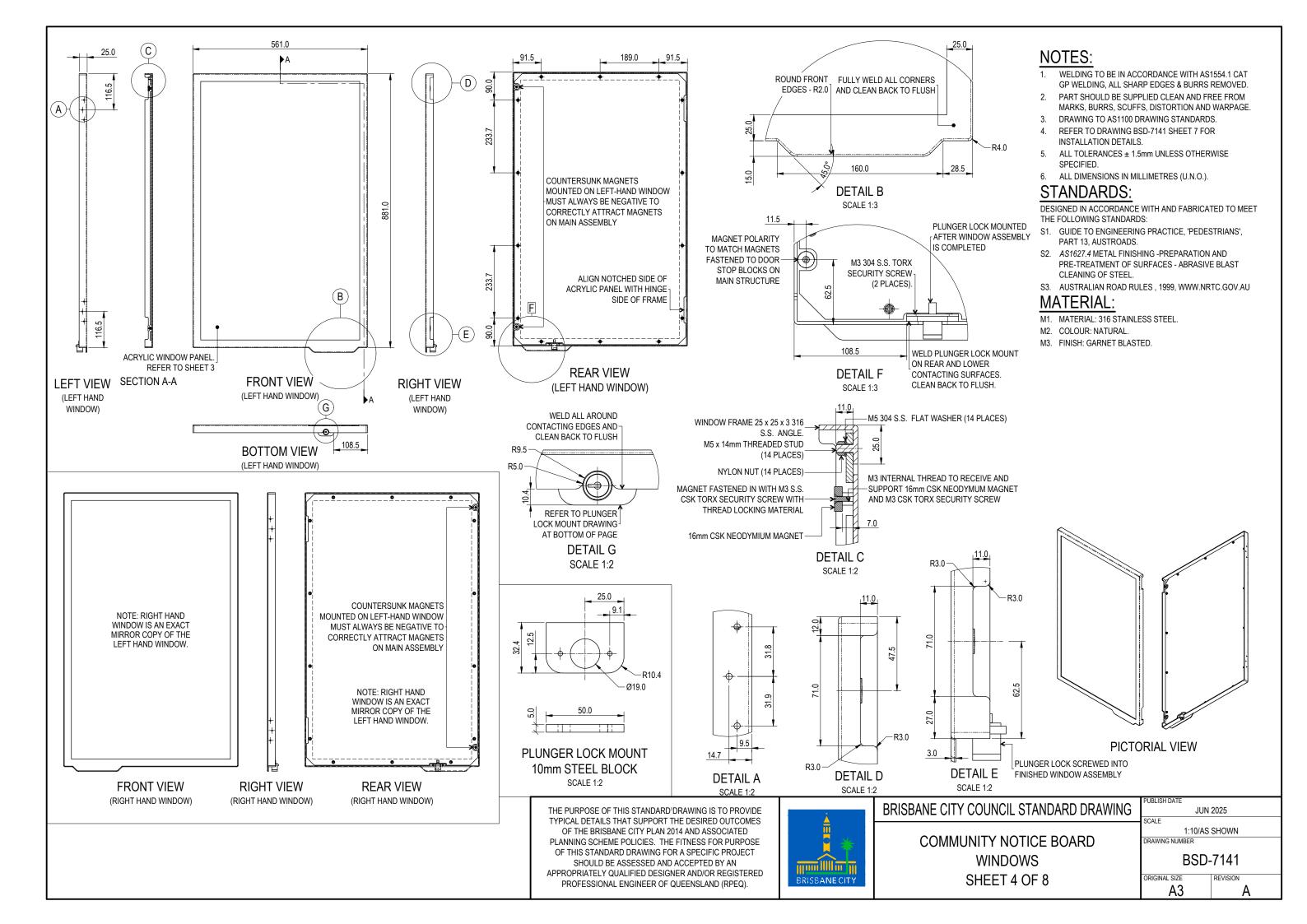
4.5

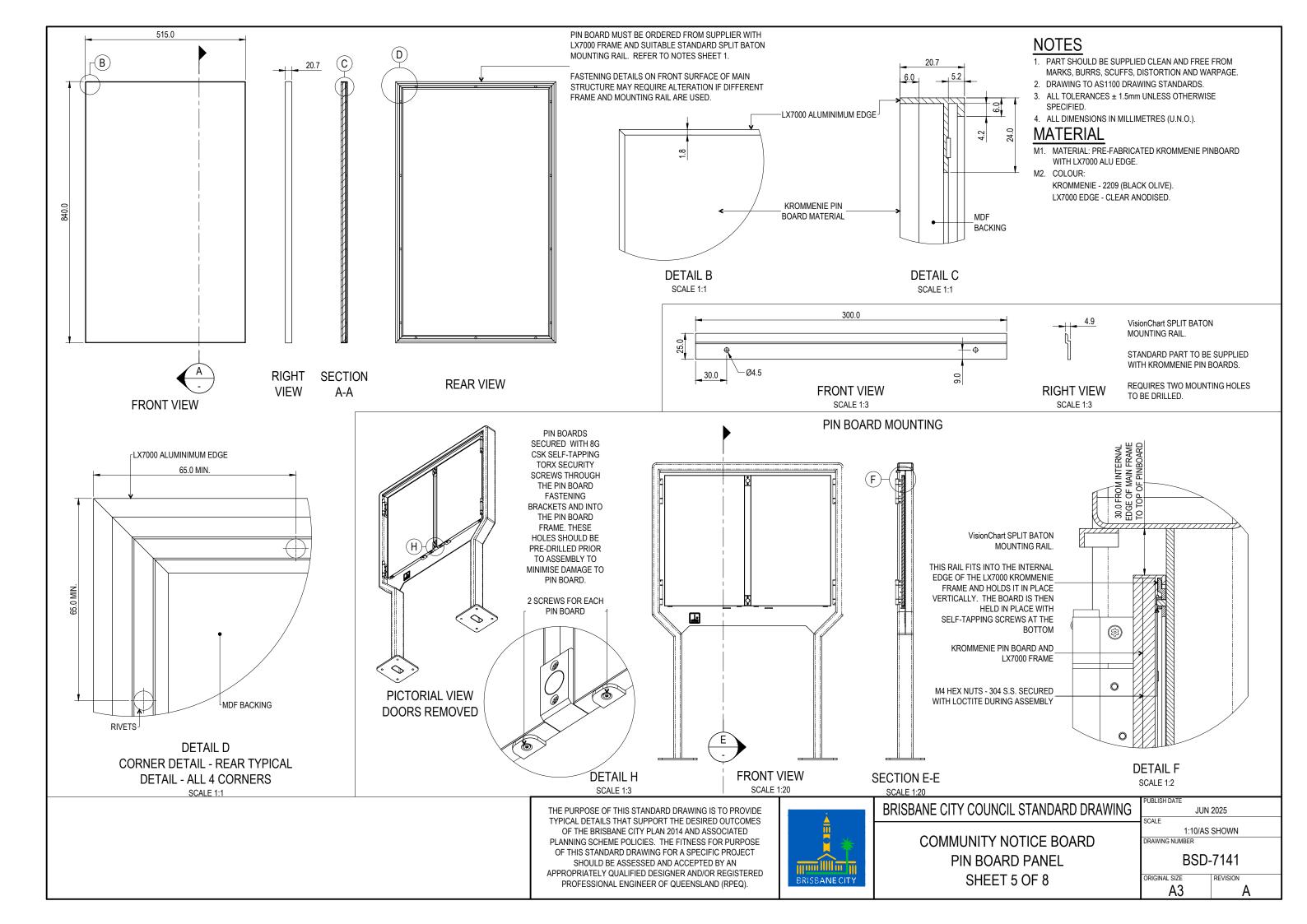
# BRISBANE CITY COUNCIL STANDARD DRAWING

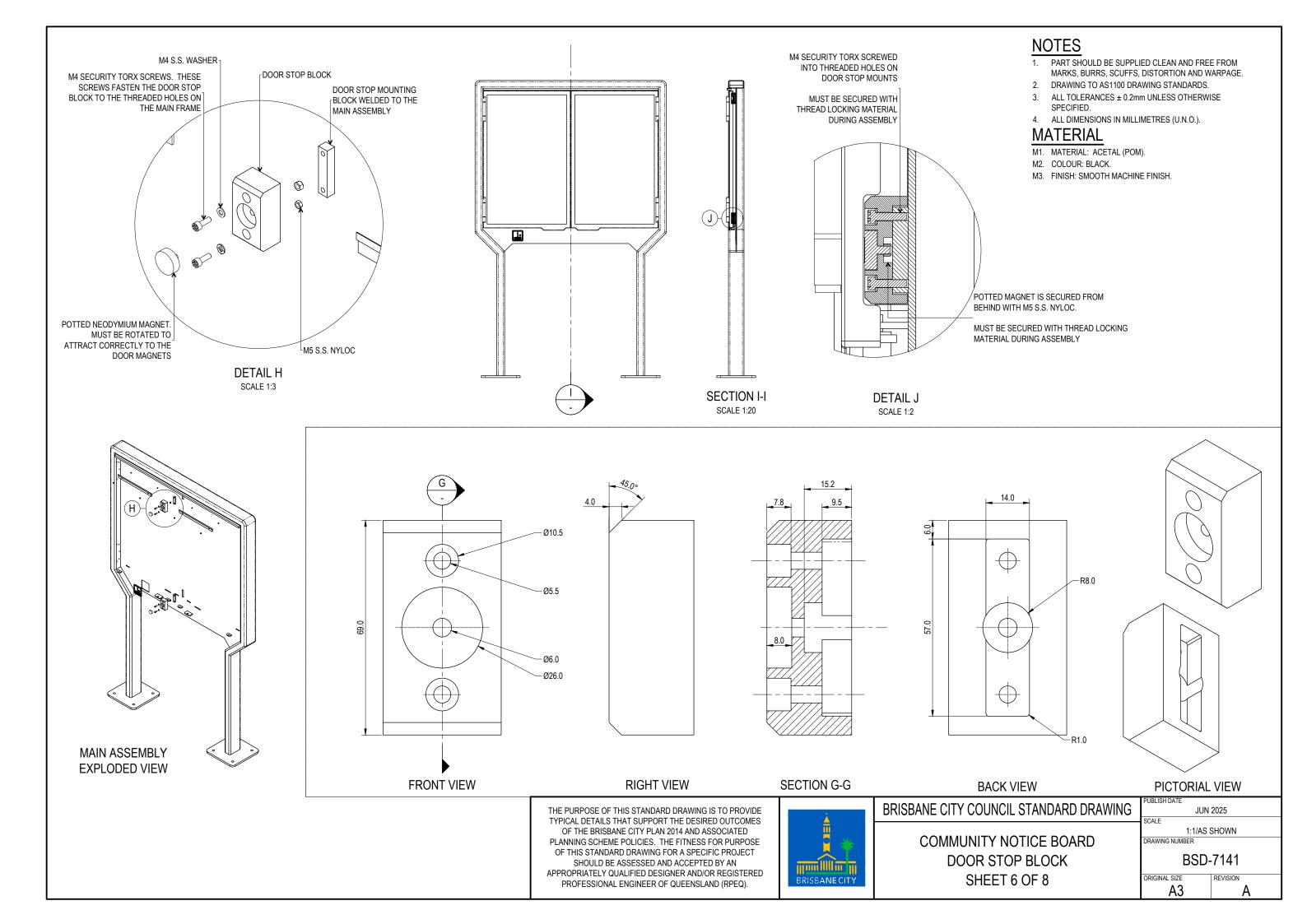
COMMUNITY NOTICE BOARD WINDOW PANEL SHEET 3 OF 8 PUBLISH DATE
JUN 2025
SCALE
1:5
DRAWING NUMBER
BSD-7141

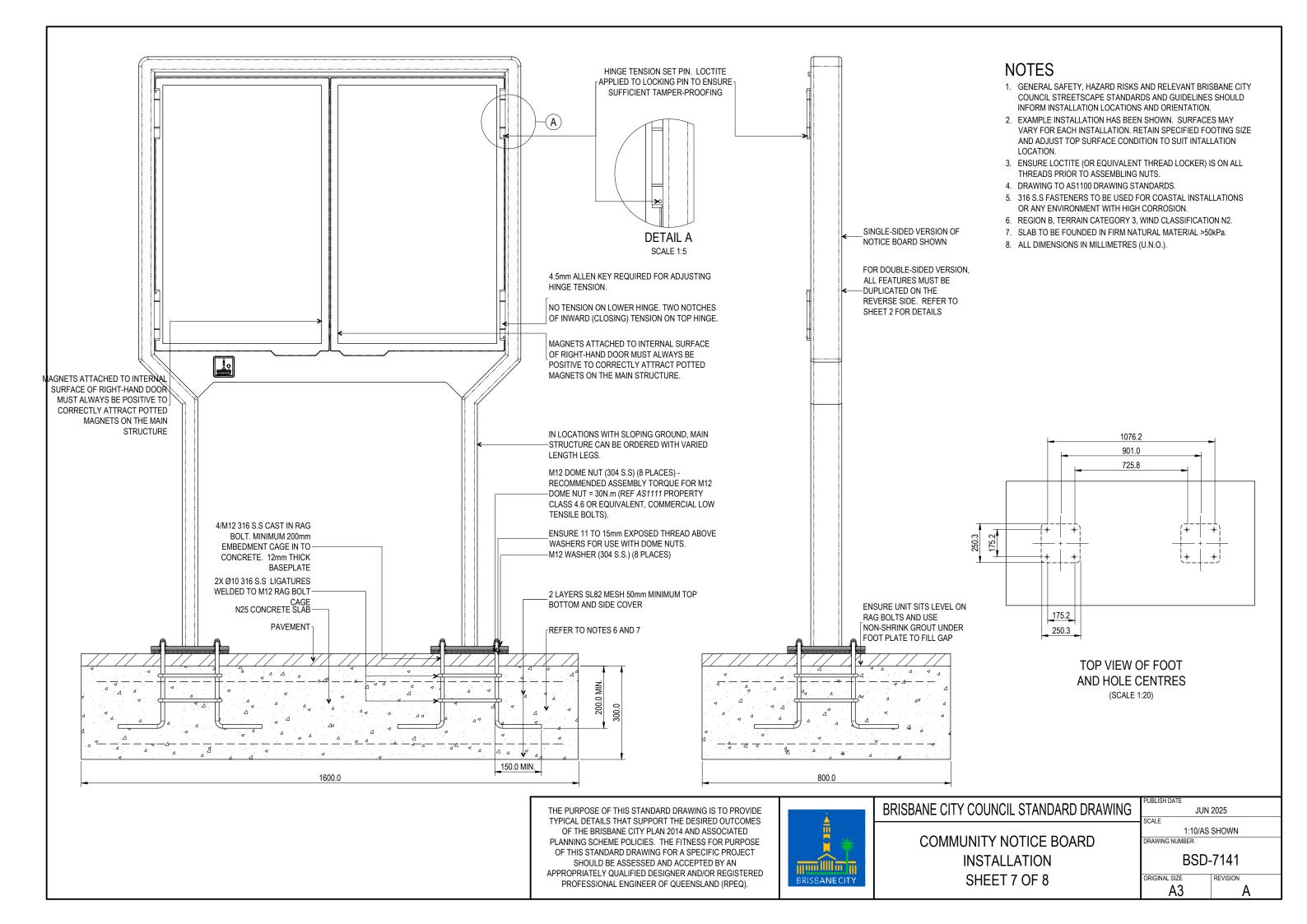
REVISION

ORIGINAL SIZE









- PART SHOULD BE SUPPLIED CLEAN AND FREE FROM MARKS, BURRS, SCUFFS, DISTORTION AND WARPAGE.
- 2. DRAWING TO AS1100 DRAWING STANDARDS.
- ALL TOLERANCES ± 0.5mm UNLESS OTHERWISE SPECIFIED.

# STANDARDS:

FABRICATION TO MEET THE FOLLOWING STANDARDS: S1. AS1627.4 METAL FINISHING - PREPARATION AND

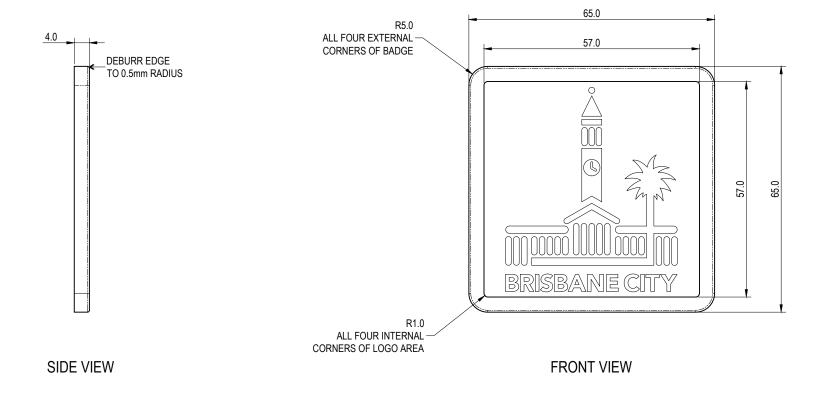
S1. AS1627.4 METAL FINISHING - PREPARATION AND PRE-TREATMENT OF SURFACES - ABRASIVE BLAST CLEANING OF STEEL.

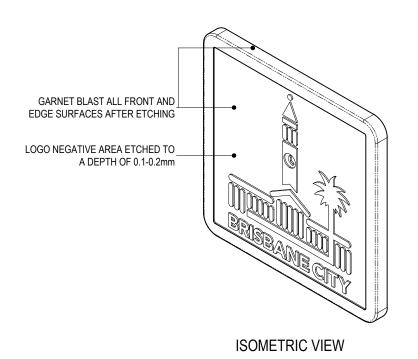
# MATERIAL:

M1. MATERIAL: 4mm 316 S.S. PLATE.

M2. COLOUR: NATURAL.

M3. FINISH: GARNET BLAST.





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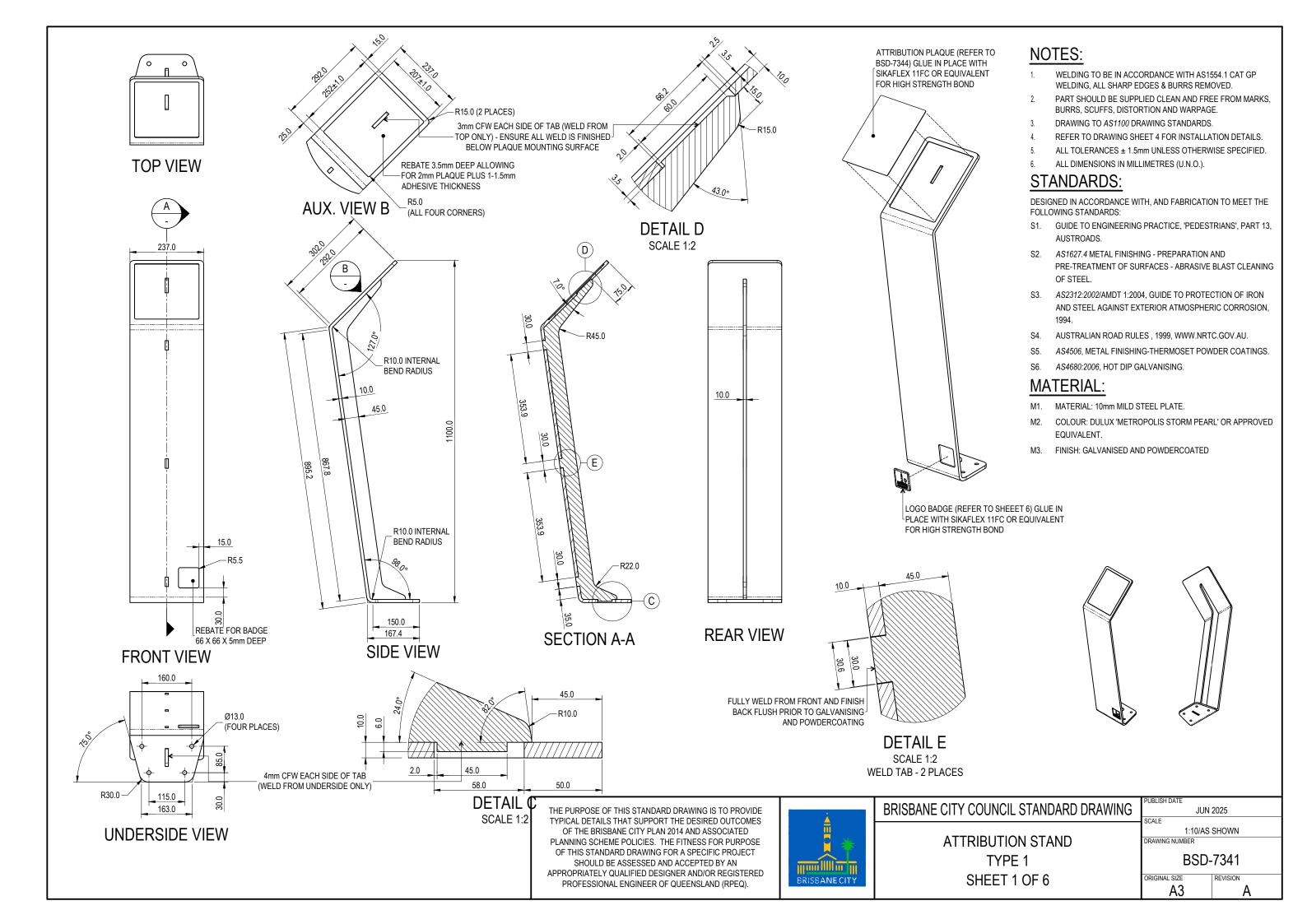
# BRISBANE CITY COUNCIL STANDARD DRAWING

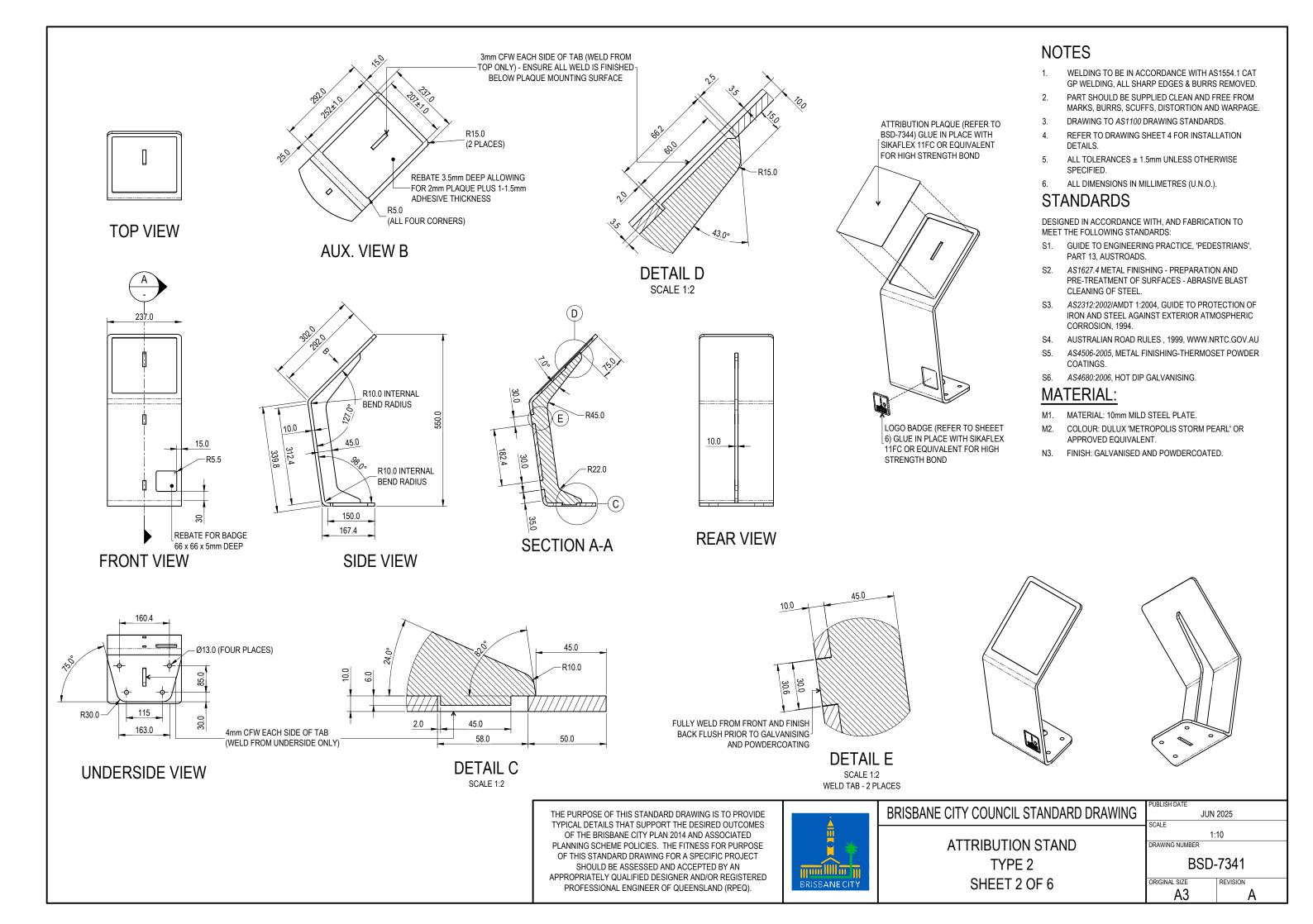
COMMUNITY NOTICE BOARD LOGO BADGE SHEET 8 OF 8

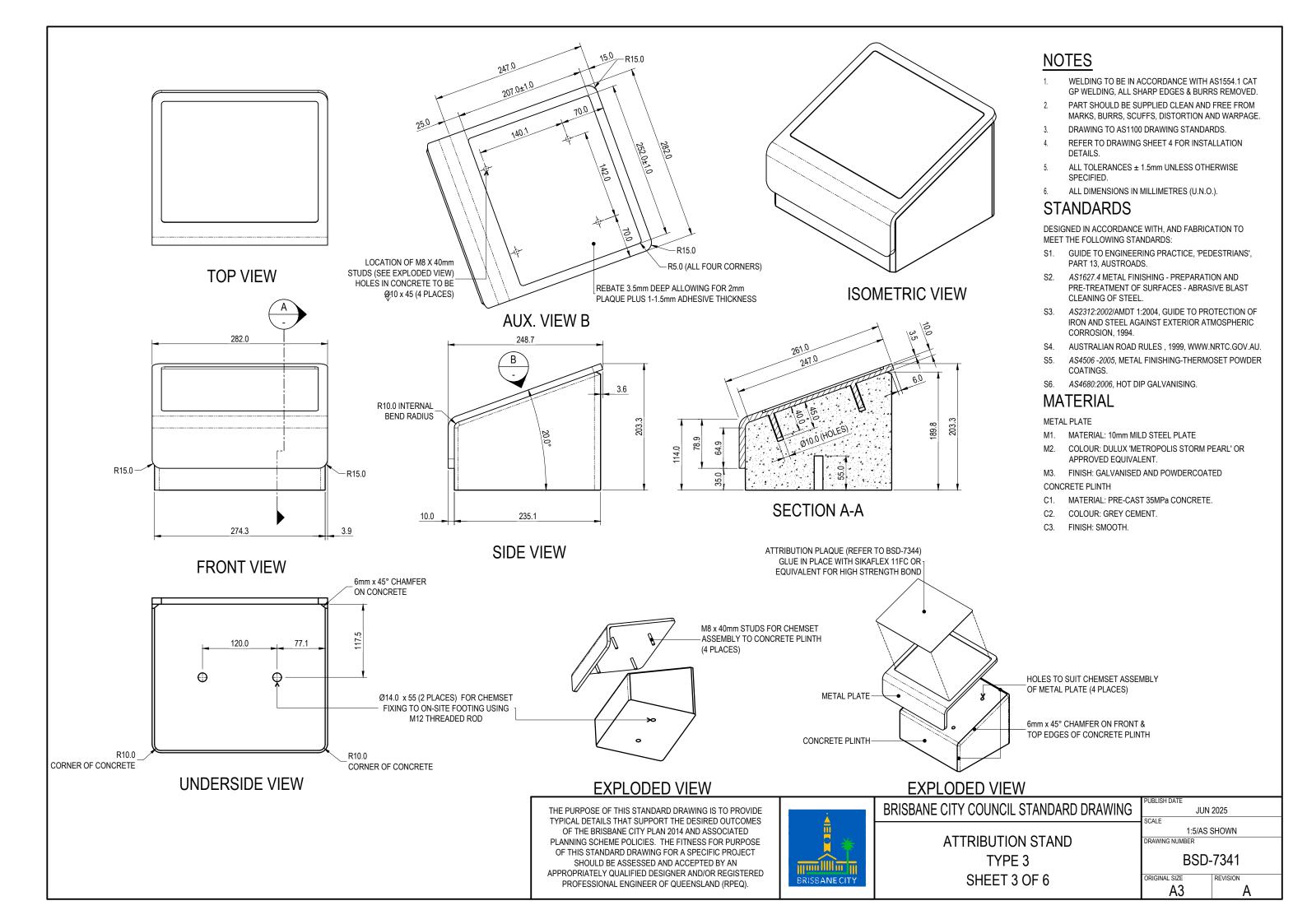
	,
	PUBLISH DATE
j	JUN 2025
_	SCALE
	1:1
	DRAWING NUMBER
	BSD-7141

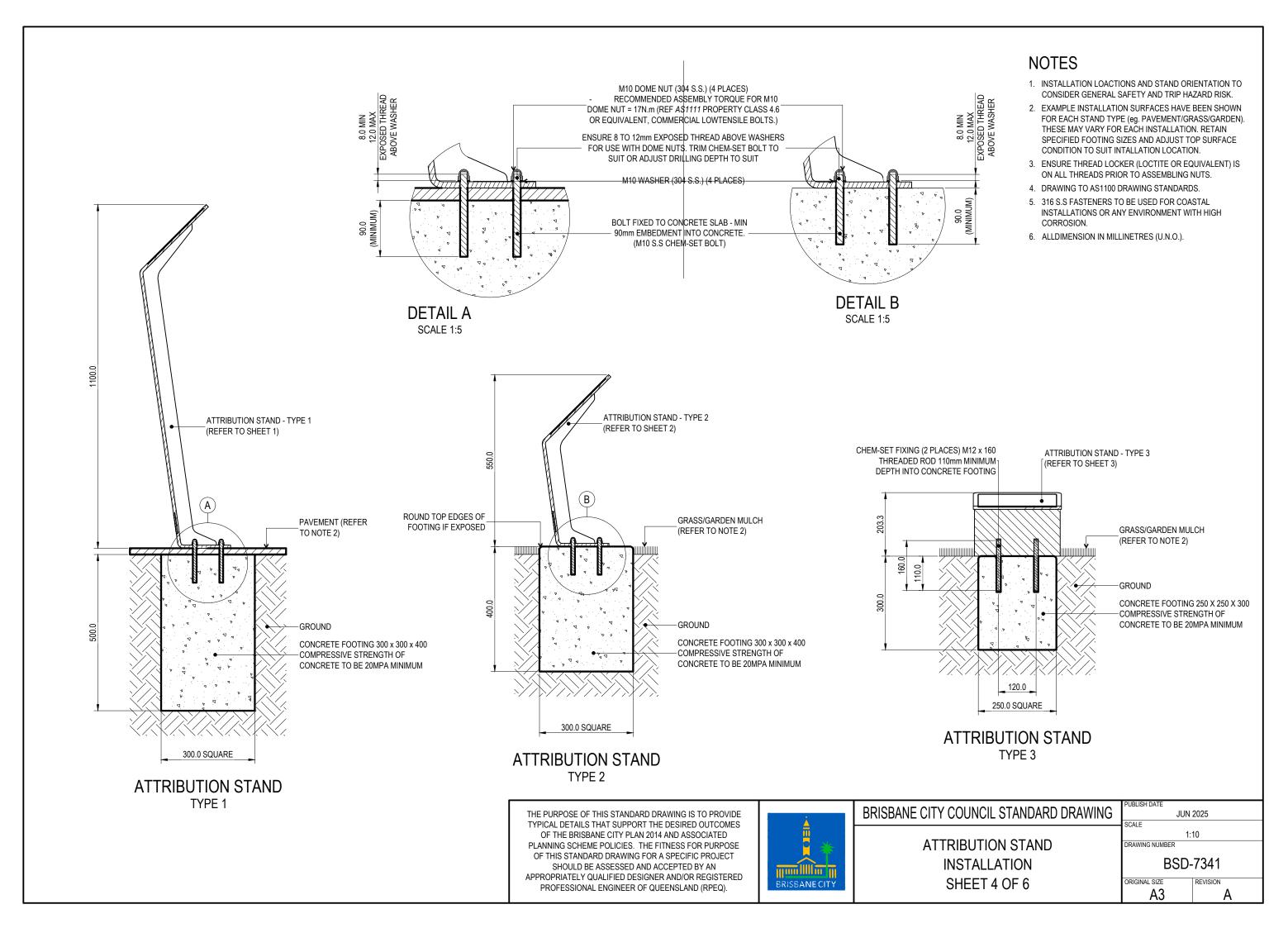
REVISION

ORIGINAL SIZE

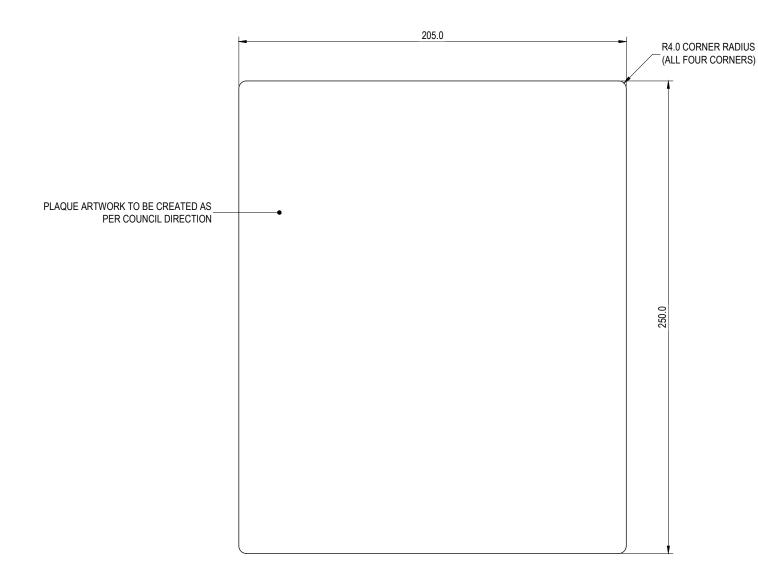








# MATERIAL NOTES)



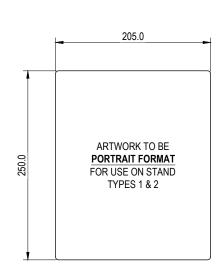
### FRONT VIEW

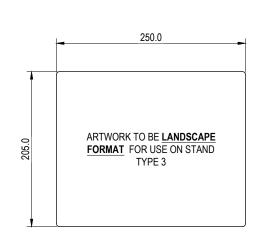
# NOTES:

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- 2. DRAWING TO AS1100 DRAWING STANDARDS.
- 3. ALL TOLERANCES ± 1.0mm UNLESS OTHERWISE SPECIFIED.
- 4. ALL DIMENSIONS IN MILLIMETRES (U.N.O.).

# MATERIAL:

- M1. MATERIAL, COLOUR, FINISH, AND ARTWORK TO BE SPECIFIED BY BRISBANE CITY COUNCIL UPON ORDERING EACH PLAQUE.
- M2. IMPORTANT NOTE ALL ATTRIBUTION STANDS HAVE BEEN DESIGNED TO USE A PLAQUE WITH A THICKNESS OF 2mm. IF PLAQUE THICKNESS CHANGES, ENSURE THE REBATE DEPTH ON THE FABRICATED STAND IS ADJUSTED ACCORDINGLY TO ENSURE FLUSH FINISH OF MOUNTED PLAQUE.





ARTWORK ORIENTATION

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# BRISBANE CITY COUNCIL STANDARD DRAWING

ATTRIBUTION STAND PLAQUE TEMPLATE SHEET 5 OF 6 PUBLISH DATE

JUN 2025

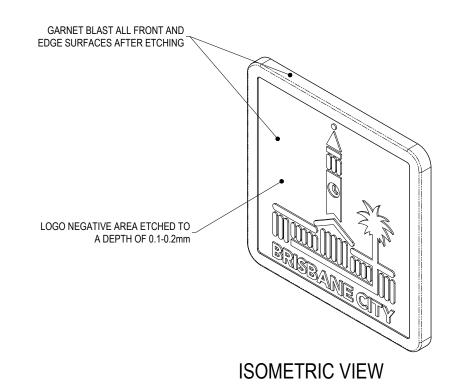
SCALE

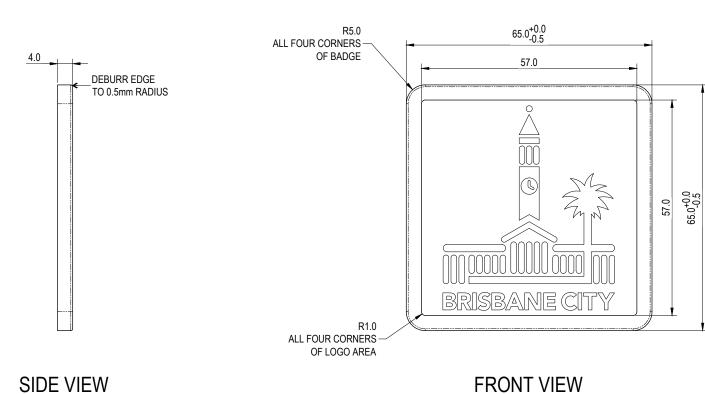
1:2

DRAWING NUMBER

BSD-7341

ORIGINAL SIZE REVISION





- PART SHOULD BE SUPPLIED CLEAN AND FREE FROM MARKS, BURRS, SCUFFS, DISTORTION AND WARPAGE.
- 2. DRAWING TO AS1100 DRAWING STANDARDS.
- 3. ALL TOLERANCES  $\pm$  0.5mm UNLESS OTHERWISE SPECIFIED.
- 4. ALL DIMENSIONS IN MILLIMETRES (U.N.O.).

# STANDARDS:

FABRICATION TO MEET THE FOLLOWING STANDARDS:

S1. AS1627.4 METAL FINISHING - PREPARATION AND PRE-TREATMENT OF SURFACES - ABRASIVE BLAST CLEANING OF STEEL.

# **MATERIAL**:

- M1. MATERIAL: 4mm 316 S.S. PLATE.
- M2. COLOUR: NATURAL.
- M3. FINISH: GARNET BLAST.

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# BRISBANE CITY COUNCIL STANDARD DRAWING

ATTRIBUTION STAND LOGO BADGE SHEET 6 OF 6 PUBLISH DATE

JUN 2025

SCALE

1:1

DRAWING NUMBER

BSD-7341

ORIGINAL SIZE REVISION

# BSD-9000 SERIES STREETSCAPE AND LANDSCAPE

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#### BRISBANE CITY COUNCIL STANDARD DRAWING

9000 SERIES STREETSCAPE AND LANDSCAPE MAJOR AMNEDMENT K PUBLISH DATE

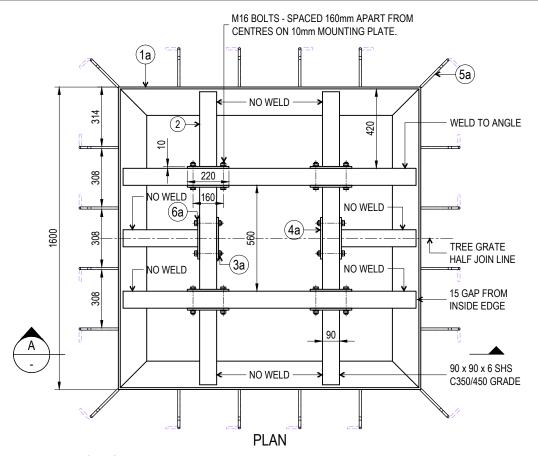
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DRAWING NUMBER

BSD-9000 SERIES

ORIGINAL SIZE REV



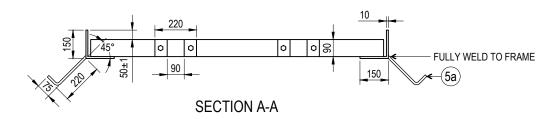
#### FRAME NOTES:

20 TONNE CAPACITY 1600mm x 1600mm TREE GRATE FRAME - HDG FINISH.

PARTS LIST			
No.	ITEM	MATERIAL	QUANTITY
(1a)	OUTER FRAME	150 x 150 x 10 ANGLE	1
(2a)	INNER FRAME	90 x 6 SHS C350/450	1
3a)	MOUNTING BOLTS	16mm HT BOLTS	12
(4a)	MOUNTING BOLTS	220 x 90 x 10mm	12
(5a)	IN-GROUND BOLTS	N12 x 220mm LEG	20
(6a)	BOLT WASHER	M16 GALVANISED WASHER	24

# 20T HEAVY DUTY 1600mm x 1600mm TREE GRATE - FRAMING DETAIL

SCALE: 1:20



### FRAME FOUNDATION NOTES:

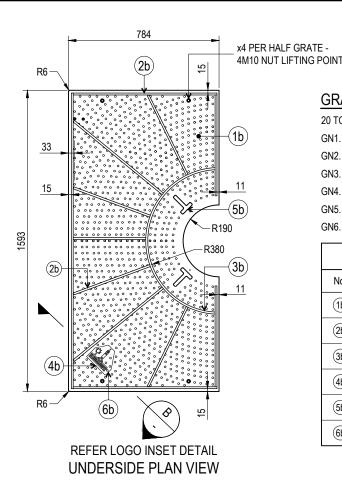
FF1. REFER '20 TONNE CAPACITY 1600mm x 1600mm TREE GRATE FRAME - HDG FINISH PLAN'.

# TREE GRATE FRAME FOUNDATION DETAIL - SECTION A

**SCALE 1:20** 

#### **DESIGN NOTE**

THE WORKING LOAD LIMIT OF THE TREE GRATE IS FOR PNEUMATIC TYRED VEHICULAR TRAFFIC UP TO 20 TONNES GROSS. THIS DRAWING WAS DEVELOPED WITH THE AGREEMENT OF URBAN FOUNTAINS AND FURNITURE. THE GRATE, FRAME AND FOOTINGS DETAILS ARE DEVELOPED FROM URBAN FOUNTAINS AND FURNITURE DRAWING NOS. HDF.01, HDF.02, HDF.03. THIS LOAD LIMIT INCLUDES THE TREE GRATE, SUPPORT FRAME AND FOOTINGS ONLY.



#### **GRATE NOTES:**

20 TONNE CAPACITY 1600mm x 800mm HOLE PATTERN GRATE FRAME - HDG FINISH.

GN1. TREE GRATE TO BE HOT SPRAYED GALVANISED PRIOR TO POWDER COATING.

GN2. ALL WELDS TO BE A MINIMUM 20mm TO LENGTH. ALL CORNERS TO HAVE VERTICAL DOWN WELDS.

GN3. ALL SPLATTER AND SLAG TO BE REMOVED PRIOR TO GALVANISING.

GN4. HOLES ARE NOT BE WELDED OVER.

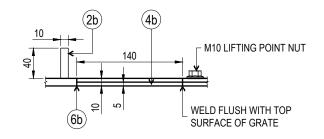
GN5. ALL STRUCTURAL WELDS TO AS1554.

GN6. REFER 'LOGO INSET DETAIL' AND 'LIFTING POINT - SECTION B-B DETAIL'

PARTS LIST			
No.	ITEM	MATERIAL	QUANTITY
(1b)	GRATE TOP PLATE	10mm STEEL	1
2b)	SUPPORT BARS	10mm x 40mm	12
3b)	ROLLED RINGS	10mm x 40mm	1
(4b)	COUNCIL LOGO	114 x 107 HIGH	1
(5b)	TREE SPEAR SLOT	LASER CUT	2
(6b)	LOGO CUT OUT	5mm STEEL	1

# 20T HEAVY DUTY 1600mm x 8mm HOLE PATTERN DETAIL

SCALE: 1:20

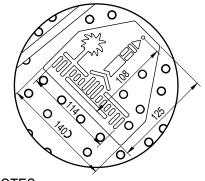


#### LIFTING POINT NOTES:

LP1. REFER 'UNDERSIDE PLAN VIEW DETAIL' & 'LOGO INSET DETAIL'

# LIFTING POINT - SECTION B-B

SCALE: 1:5



#### LOGO NOTES:

LN1. REFER 'UNDERSIDE PLAN VIEW DETAIL' & 'LIFTING POINT DETAIL'.

LOGO INSET

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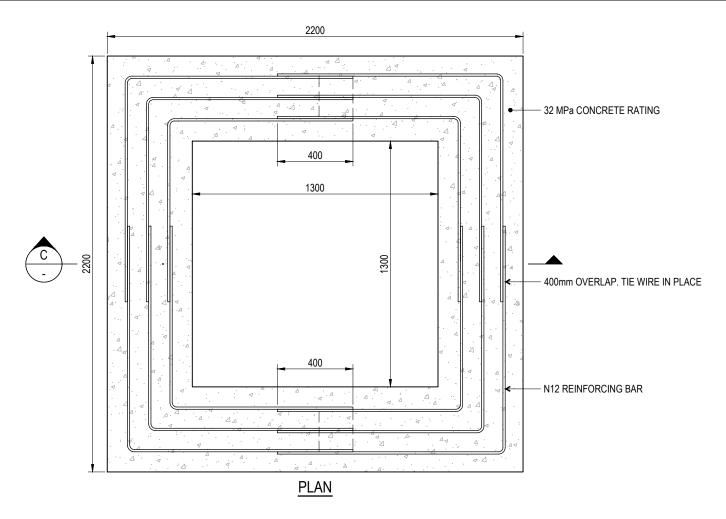
#### BRISBANE CITY COUNCIL STANDARD DRAWING

TREE GRATE - 20 TONNE LOAD LIMIT FABRICATION DETAILS
SHEET 1 OF 2

	PUBLISH DATE
	JUN 2025
_	SCALE
	AS SHOWN
	DRAWING NUMBER

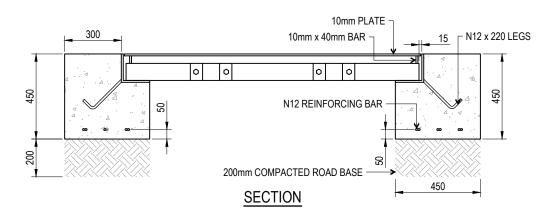
BSD-9073

DRIGINAL SIZE REVISION A



# TREE GRATE FRAME FOUNDATION DETAIL - PLAN

SCALE 1:20



# FIXING INSET - SECTION C-C

SCALE: 1:20

#### **DESIGN NOTE**

THE WORKING LOAD LIMIT OF THE TREE GRATE IS FOR PNEUMATIC TYRED VEHICULAR TRAFFIC UP TO 20 TONNES GROSS. THIS DRAWING WAS DEVELOPED WITH THE AGREEMENT OF URBAN FOUNTAINS AND FURNITURE. THE GRATE, FRAME AND FOOTINGS DETAILS ARE DEVELOPED FROM URBAN FOUNTAINS AND FURNITURE DRAWING NOS. HDF.01, HDF.02, HDF.03.

THIS LOAD LIMIT INCLUDES THE TREE GRATE, SUPPORT FRAME AND FOOTINGS ONLY.

THE PURPOSE OF THIS STANDARD DRAWING IS TO PROVIDE TYPICAL DETAILS THAT SUPPORT THE DESIRED OUTCOMES OF THE BRISBANE CITY PLAN 2014 AND ASSOCIATED PLANNING SCHEME POLICIES. THE FITNESS FOR PURPOSE OF THIS STANDARD DRAWING FOR A SPECIFIC PROJECT SHOULD BE ASSESSED AND ACCEPTED BY AN APPROPRIATELY QUALIFIED DESIGNER AND/OR REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND (RPEQ).

# BRISBANECITY

# BRISBANE CITY COUNCIL STANDARD DRAWING

TREE GRATE - 20 TONNE LOAD LIMIT INSTALLATION DETAILS
SHEET 2 OF 2

	PUBLISH DATE
	JUN 2025
_	SCALE
	AS SHOWN
	DRAWING NUMBER
	DCD 0073

ORIGINAL SIZE REVISION A