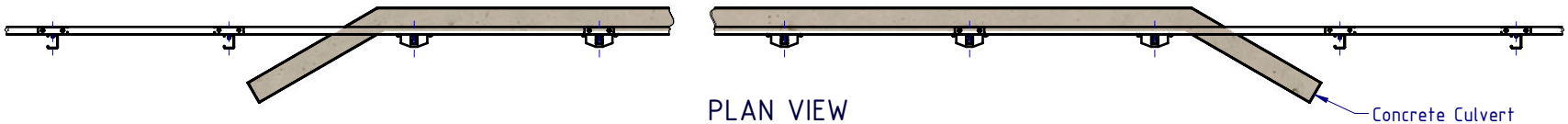
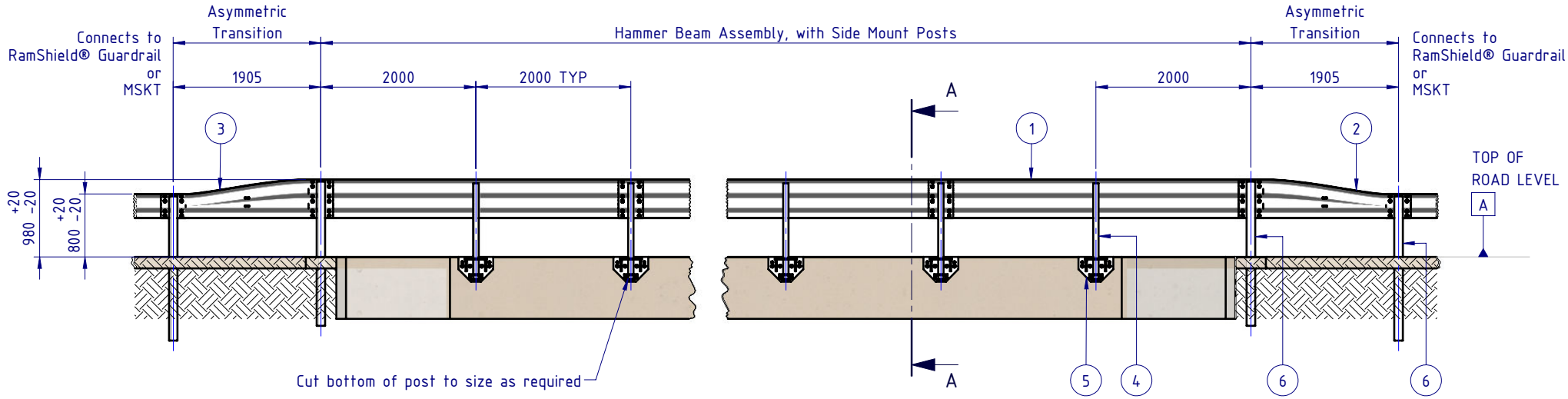
REVISIONS				
REV.	ZONE	DESCRIPTION	DATE	APPV'D
A		Original Issue	12/12/2023	HW
B		Notes & Annotations Revised	12/01/2024	HW
C		Notes & Annotations Revised	22/01/2024	HW



PLAN VIEW

Concrete Culvert
For reference only.



REAR ELEVATION VIEW

BOM

ITEM NO.	PART NUMBER	DESCRIPTION	Weight kg
1	GR-TB-SR-4000-AG	Thrie-Beam Guardrail; 2.7mm BMT 4.0m NLL, 2.0m CTRS	67.0
2	GE-TB-SR-1905-AG	Assymetric Approach W-Beam to Thrie-Beam Transition	36.5
3	GE-TB-SR-1905-DG	Assymetric Departure Thrie-Beam to W-Beam Transition	36.5
4	GR-PG-SS-1560-AG	RamShield® Standard Post 1560mm	11.8
5	GR-BR-MX-0001-BG	Hammer Beam Side Mounted Bridge Bracket	24.0
6	GR-PG-CS-1860-AG	RamShield® High Containment Post 1860mm	23.9
7	GR-FS-20-0187-HG	FISCHER FBN II, M20x187mm	0.5
8	GR-FS-16-0035-HZ	M16x35 HEX BOLT Gr4.6, HDG (OPTIONAL)	

Notes:
1. Hammer Beam has been evaluated in accordance with MASH Test Level 3 (2270kg pick-up truck travelling at 100km/h and 25 degrees).
2. Impact assessment has been undertaken with Hammer Beam positioned behind a 200mm high hob.
3. RamShield posts are sawcut onsite to achieve the specified thriebeam rail height.
4. Following cutting of RamShield posts to site specific lengths, apply two (2) coats of a zinc rich paint.

MATERIAL:
FINISH: HOT DIP GALVANISED AS/NZS 4680

STATUS	NAME	DATE
DRAWN	W. Refahi	12/12/2023
CHK'D	T. Colquhoun	12/12/2023
APPV'D	H. Wallace	12/12/2023

SafeDirection
CRASH BARRIER SOLUTIONS

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ABN: 53 156 459 684

U.N.O: TOLARANCES: ± 1mm ALL DIMENSIONS ARE IN: mm
THIRD ANGLE PROJECTION

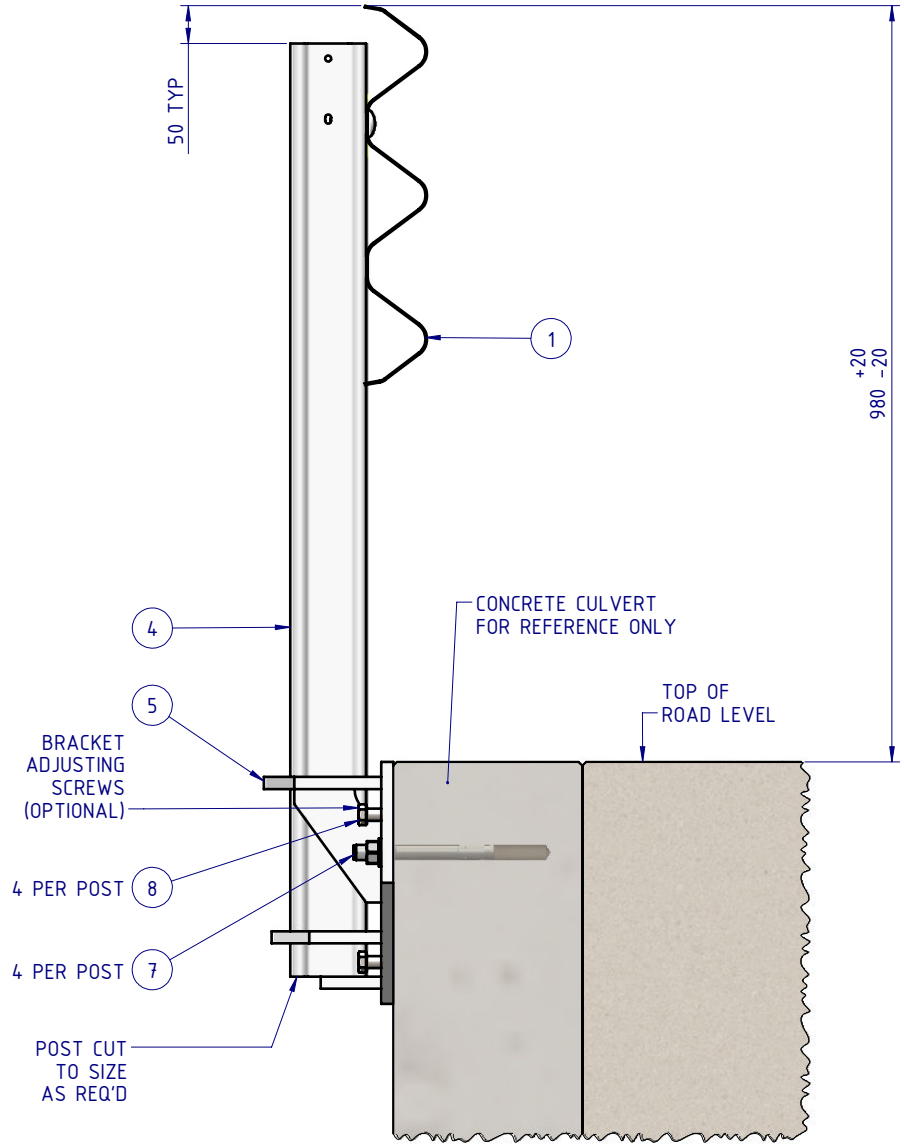
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TITLE:
Road Barriers - Bridge Barriers
Hammer Beam
Side-Mount Posts
General Arrangement

DWG NO. SD-RB-03003
REVISION: C
SHEET SIZE: A4

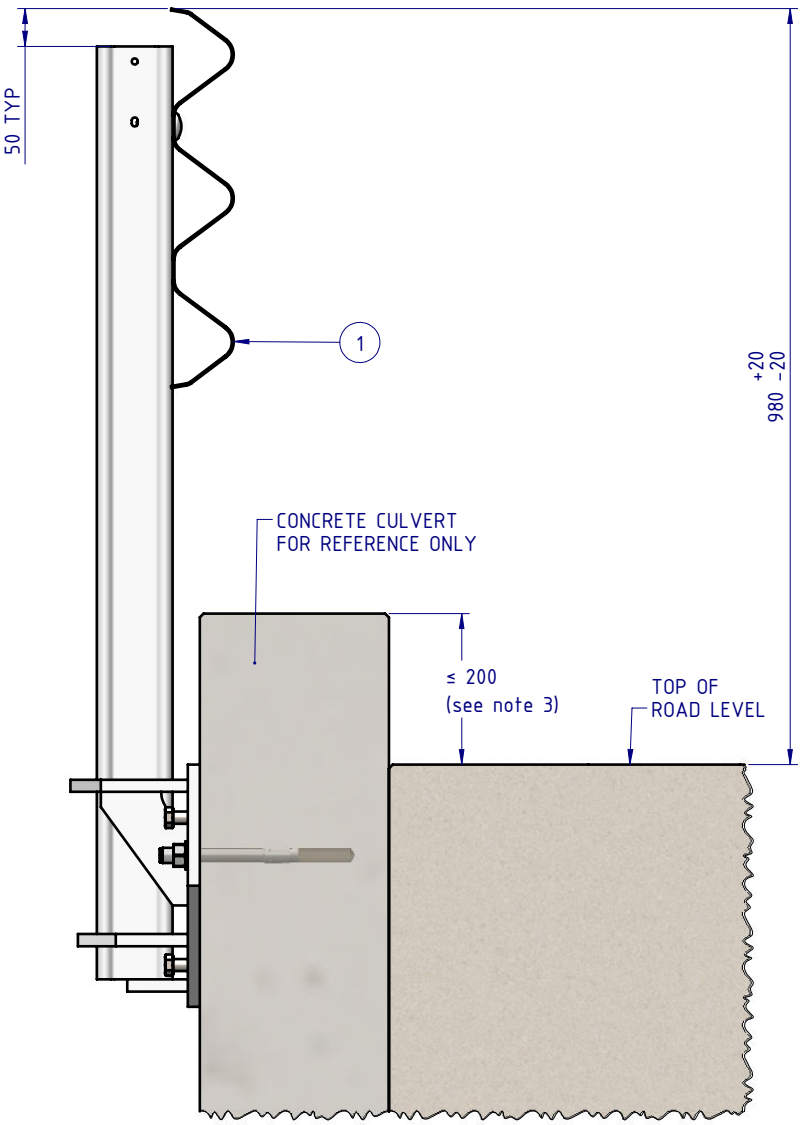
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DO NOT SCALE DRAWING
SCALE: 1:75
SHEET 1 of 4

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INSTALLATION WITHOUT HOB

SECTION A-A



INSTALLATION WITH HOB

MATERIAL:		
FINISH:	HOT DIP GALVANISED AS/NZS 4680	
STATUS	NAME	DATE
DRAWN	W. Refahi	12/12/2023
CHK'D	T. Colquhoun	12/12/2023
APPV'D	H. Wallace	12/12/2023

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ABN: 53 156 459 684

U.N.O: TOLARANCES: ± 1mm
ALL DIMENSIONS ARE IN: mm

THIRD ANGLE PROJECTION

STATUS: APPROVED

TITLE:
Road Barriers - Bridge Barriers
Hammer Beam
Side-Mount Posts
General Arrangement

DWG NO. SD-RB-03003

REVISION: C

SHEET SIZE: A4

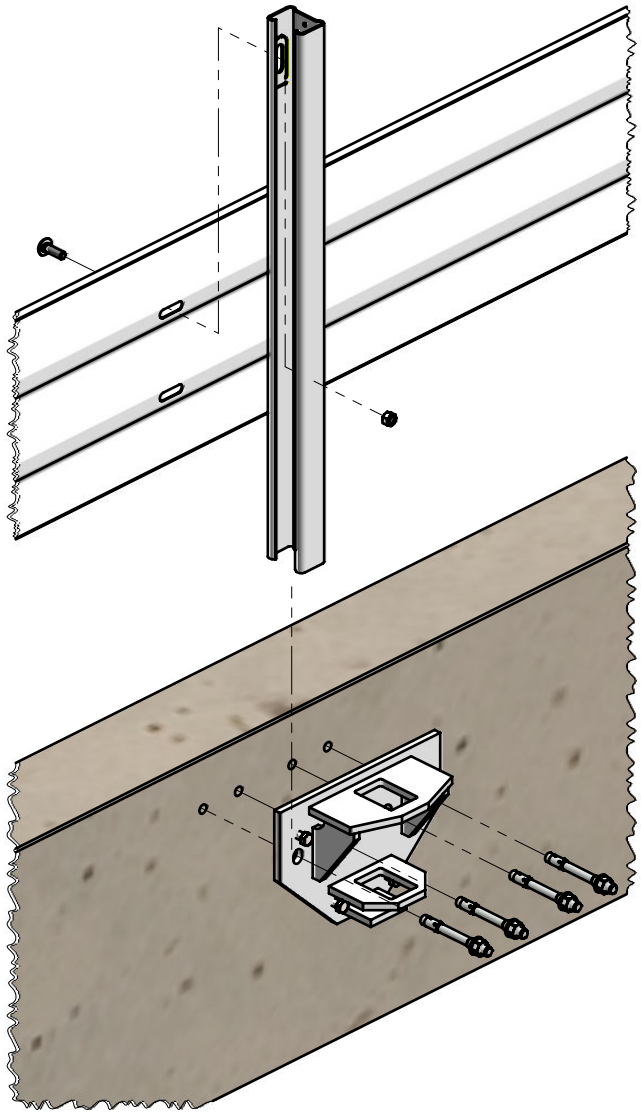
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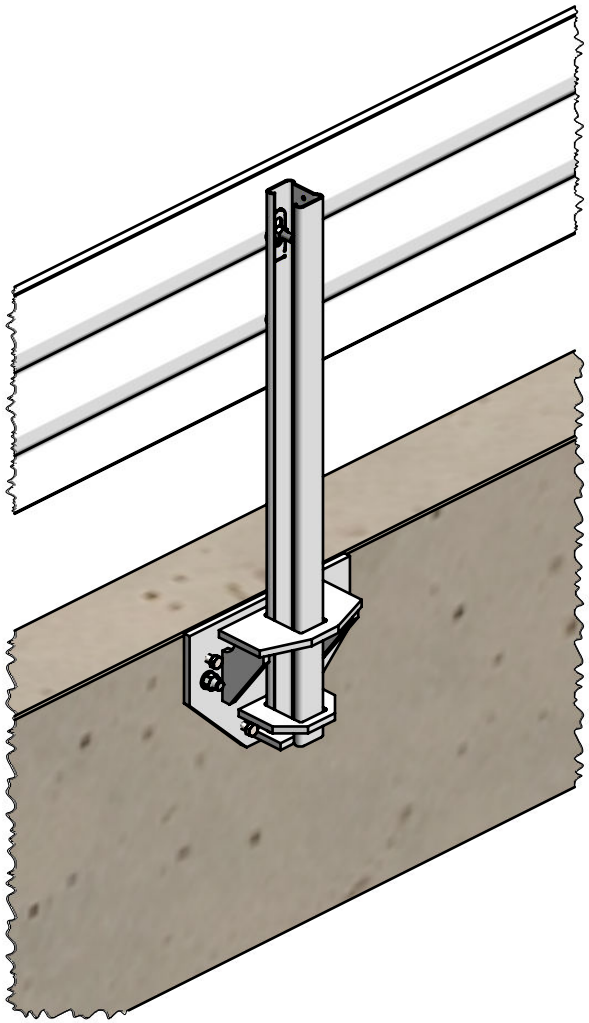
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SHEET 2 of 4

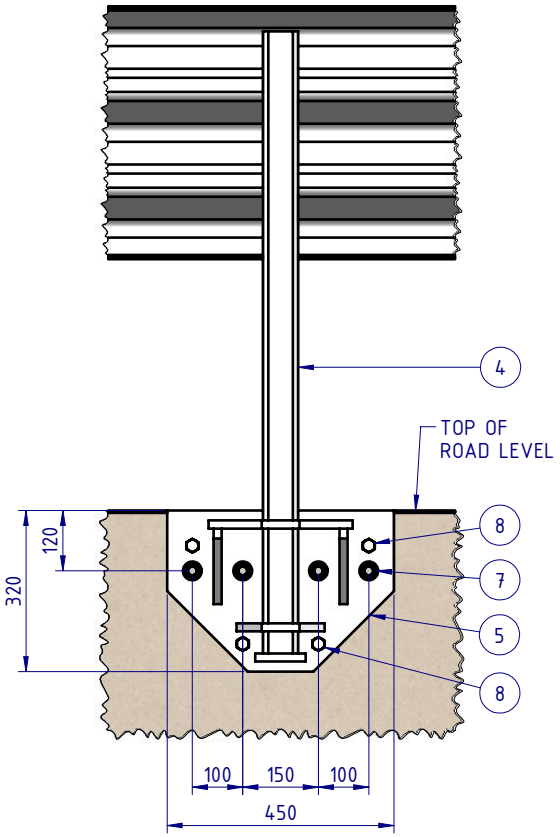
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HAMMER BEAM SIDE MOUNTED BRIDGE BRACKET
EXPLODED VIEW



HAMMER BEAM SIDE MOUNTED BRIDGE BRACKET
ASSEMBLED VIEW



MATERIAL:		
FINISH:	HOT DIP GALVANISED AS/NZS 4680	
STATUS	NAME	DATE
DRAWN	W. Refahi	12/12/2023
CHK'D	T. Colquhoun	12/12/2023
APPV'D	H. Wallace	12/12/2023

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ABN: 53 156 459 684

U.N.O: TOLARANCES: ± 1mm
ALL DIMENSIONS ARE IN: mm

THIRD ANGLE PROJECTION

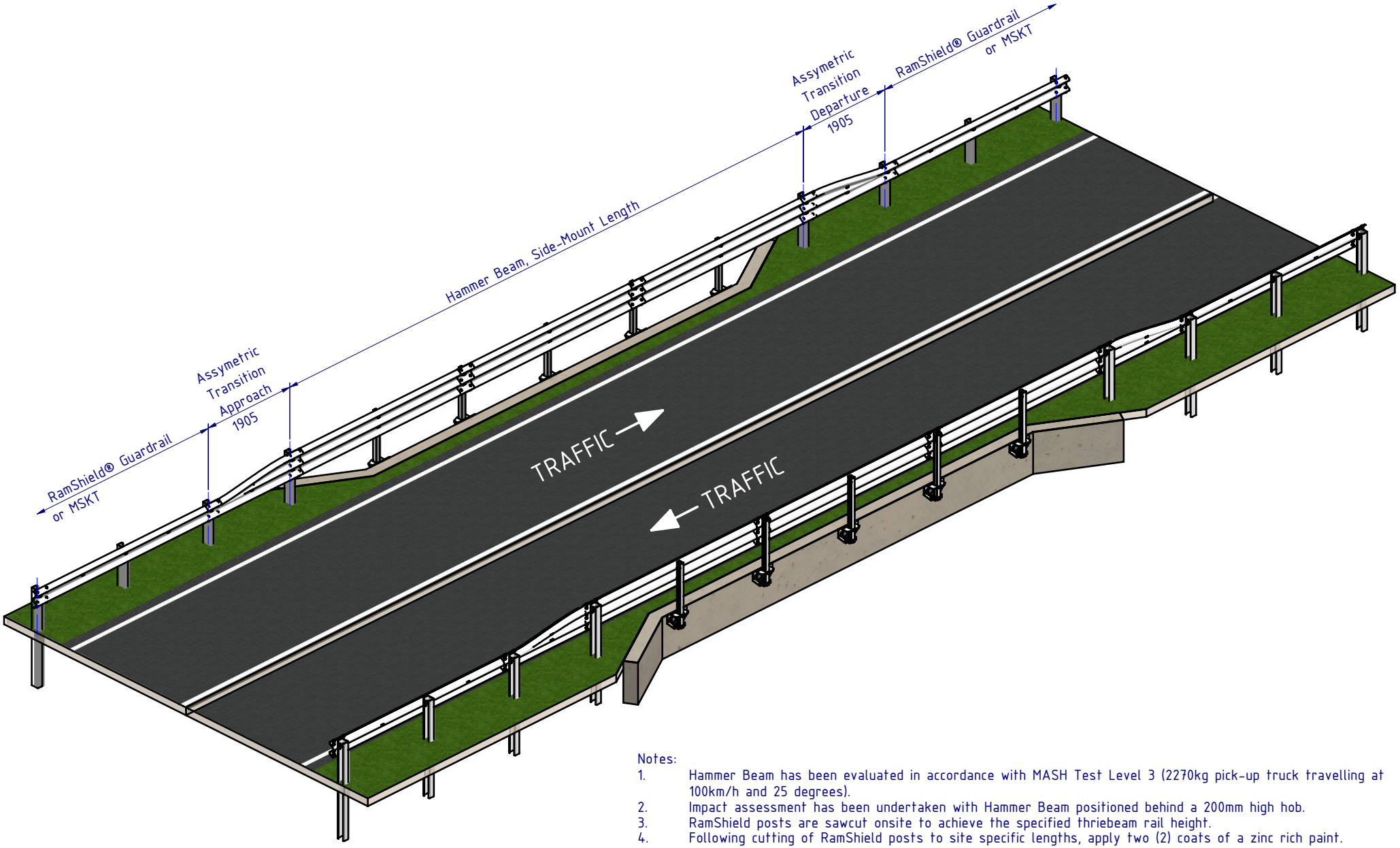
STATUS: APPROVED

TITLE:
Road Barriers - Bridge Barriers
Hammer Beam
Side-Mount Posts
General Arrangement

DWG NO.	REVISION:	SHEET SIZE
SD-RB-03003	C	A4

WEIGHT: 19647.95k | DO NOT SCALE DRAWING | SCALE: 1:15 | SHEET 3 of 4

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Notes:

1. Hammer Beam has been evaluated in accordance with MASH Test Level 3 (2270kg pick-up truck travelling at 100km/h and 25 degrees).
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FINISH:	HOT DIP GALVANISED AS/NZS 4680	
STATUS	NAME	DATE
DRAWN	W. Refahi	12/12/2023
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ABN: 53 156 459 684

U.N.O: TOLARANCES: ± 1mm ALL DIMENSIONS ARE IN: mm

THIRD ANGLE PROJECTION

STATUS: APPROVED

TITLE: Road Barriers - Bridge Barriers
Hammer Beam
Side-Mount Posts
General Arrangement

DWG NO. SD-RB-03003

REVISION: C

SHEET SIZE: A4

WEIGHT: 19647.95k

DO NOT SCALE DRAWING

SCALE: 1:85

SHEET 4 of 4

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