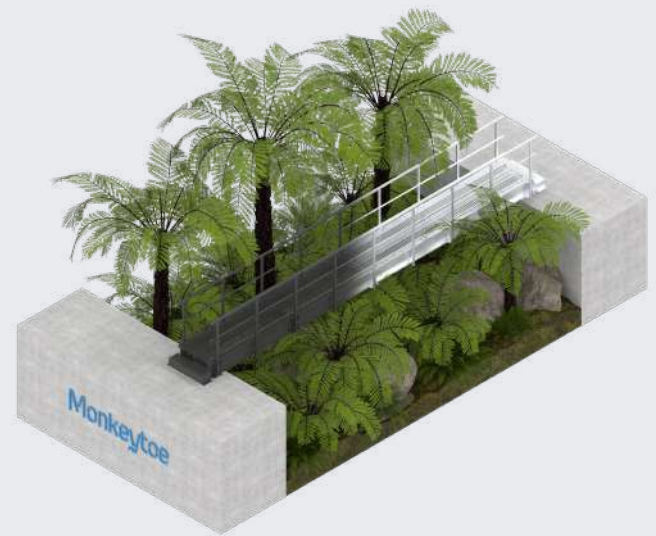


BRIDGES

Long span bridges

PRODUCT DESCRIPTION

Lightweight large spanning aluminium bridge solution for any environment.



TYPICAL USES / APPLICATIONS

- Service access bridge
- Public recreation/walking track bridge
- Cycle-way bridge
- Pedestrian bridge
- Emergency access bridge
- Marine bridge/gangway
- Xbeam bridge

CHARACTERISTICS / ADVANTAGES

- Lightweight (low kg/m2)
- Highly durable providing long-term stability and performance
- Large spans
- Quick & easy installation
- Fully pre-fabricated solution
- Easy connection to structural steel members (if applicable)
- Adjustable and modular design

TECHNICAL DATA / MATERIALS

- Materials - marine-grade 6005-T6 Aluminium
- Stainless steel or dacromet coated fixings

TESTS

APPROVALS / STANDARDS

- Structural design action B1 & B2
- Designed to AS/NZS 1664, AS/NZS 1170 & AS/NZS 1657
- Fully documented third party testing of Xbeam to ensure compliance to the building code. These included deflection, horizontal, load and temperature and durability.

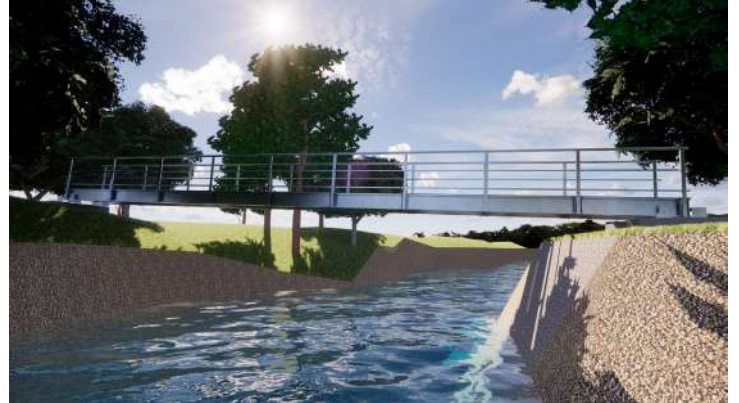
WARRANTY

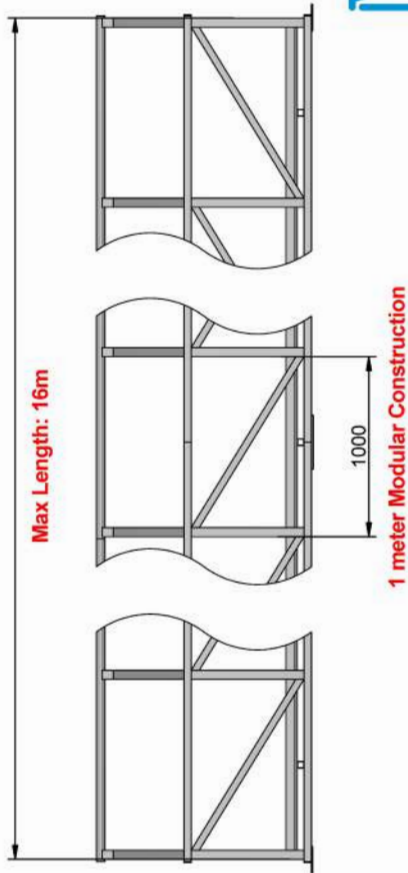
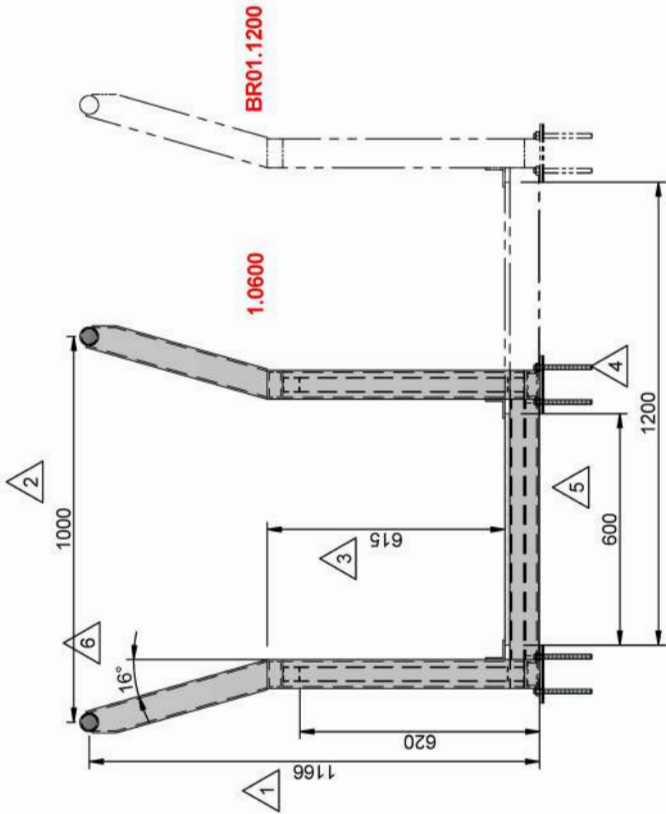
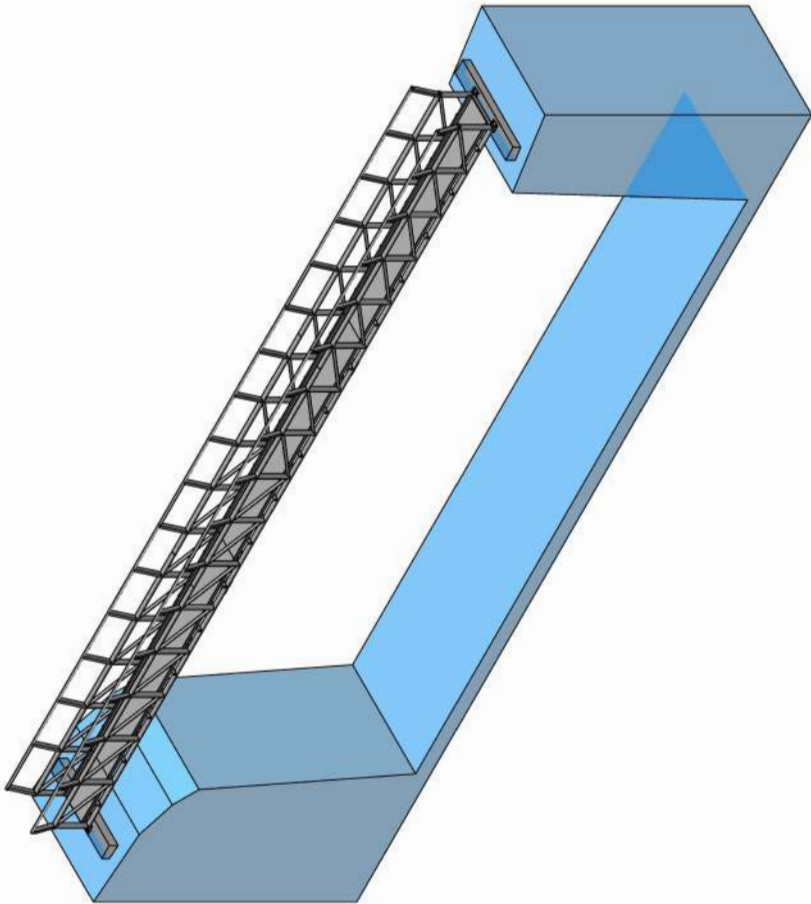
- 25 years & 2 years install
- Product Warranty is valid in accordance to the PS1 Engineering Standard that it has been designed to

MAINTENANCE

- It is recommended that bridges are included in the standard area inspections.
- All damage or loose fixings to be reported immediately to asset manager for correction.

PRODUCT IMAGES



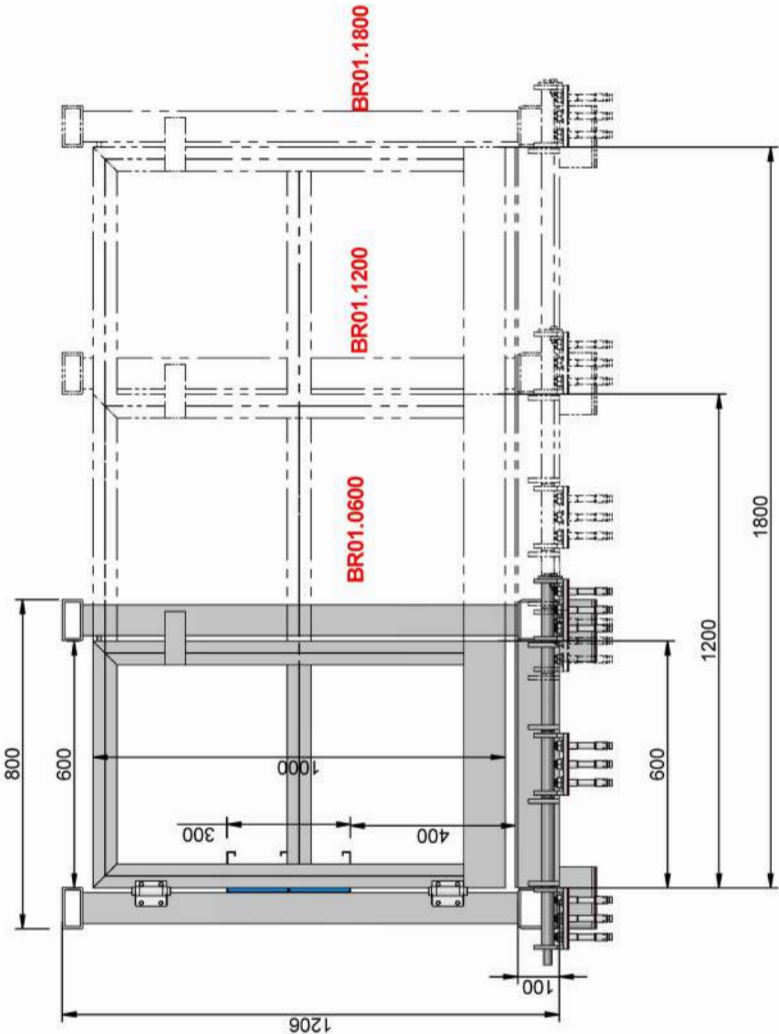
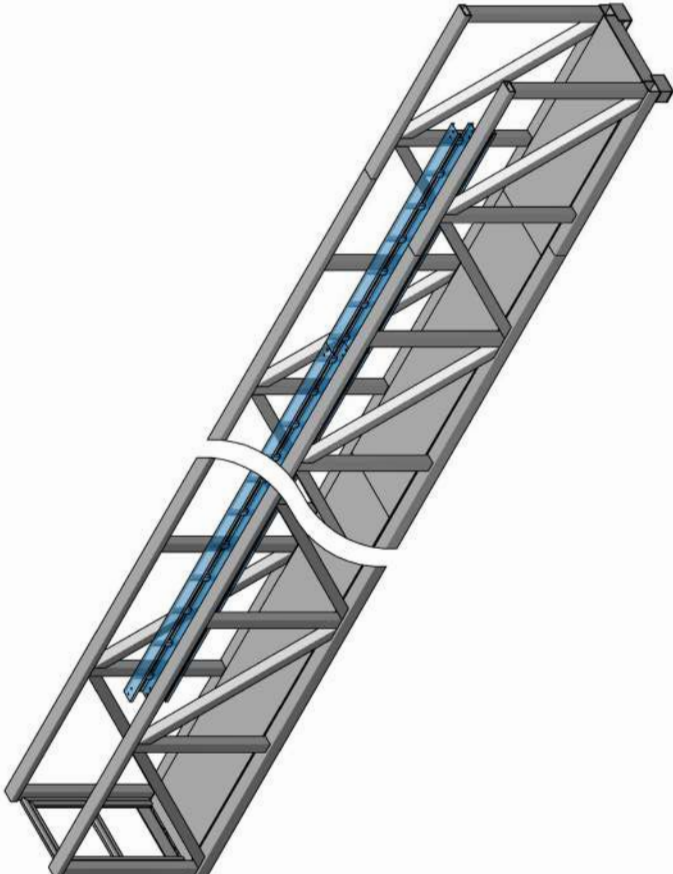


Configuration vs Mass									
Code	2m	4m	6m	8m	10m	12m	14m	16m	
BR01.0600	67.5kg	135kg	202.5kg	270kg	337.5kg	405kg	472.5kg	540kg	
BR01.1200	80kg	160kg	240kg	320kg	400kg	480kg	560kg	640kg	

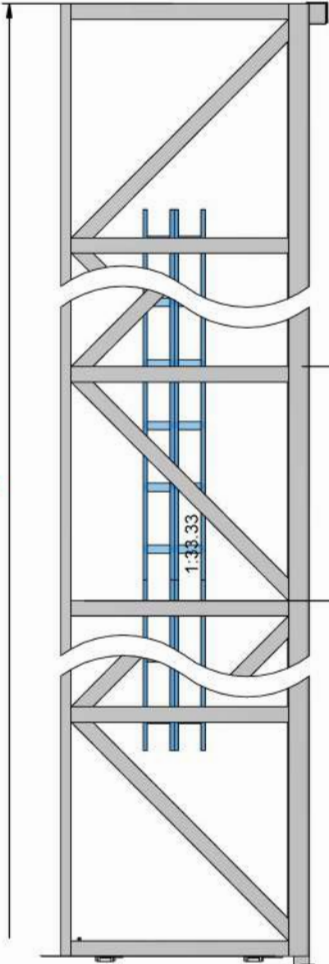
Monkeytoe

EVERYTHING BETTER

BR01			
MONKEYTOE GROUP			
DWG No:	DRAWING NO.	8/4/2021	
		SHEET 1 OF 2	A3
		SCALE: 1:83.33	REV:01
		DIMENSIONS IN MILLIMETERS	



Max Length: 16m



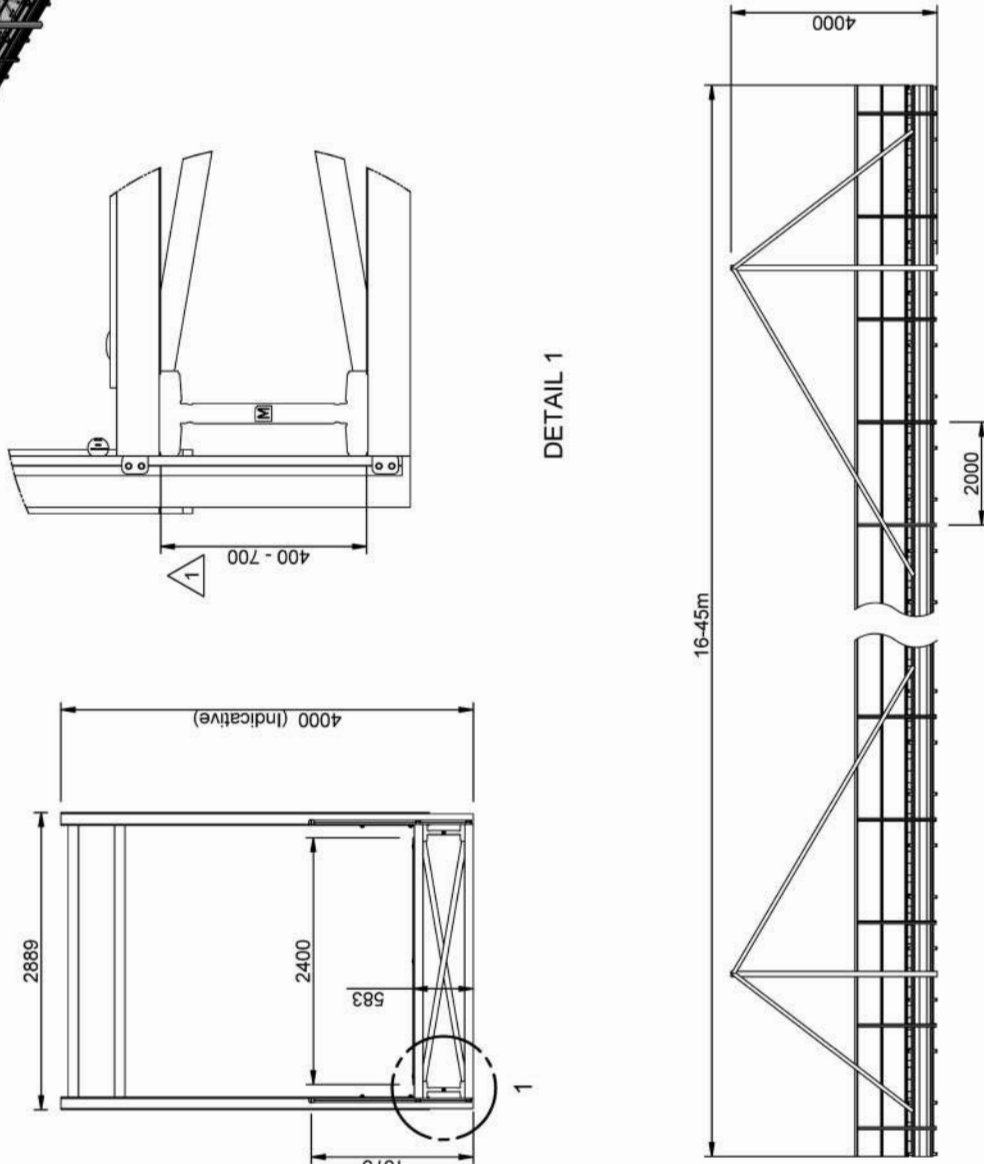
Configuration vs Mass									
Code	2m	4m	6m	8m	10m	12m	14m	16m	
BR02.0600	123.53kg	229.06kg	334.59kg	440.12kg	545.65kg	651.18kg	756.71kg	862.24 kg	
BR02.1200	144.75 kg	271.5 kg	398.25kg	525kg	651.75kg	778.5kg	905.25kg	1032 kg	
BR02.1800	172.25kg	326.5kg	480.75kg	635kg	789.25kg	943.5kg	1098kg	1252kg	

Monkeytoe

EVERYTHING BETTER

BR02			
MONKEYTOE GROUP			
DWG No:	DRAWING NO.	7/22/2021	
		SHEET 1 OF 1	A3
		SCALE: 1:25	REV:01
		DIMENSIONS IN MILLIMETERS	

PARTIAL SUSPENSION




DETAIL 1

DETAIL 2

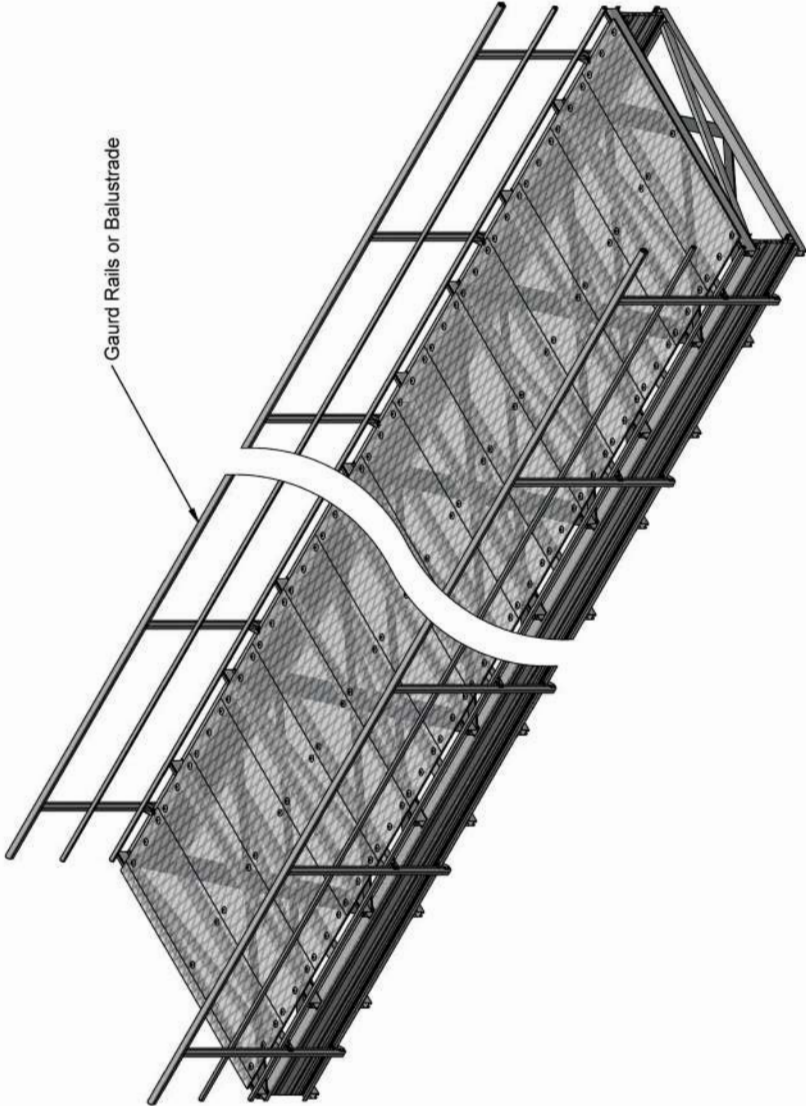
Monkeytoe

EVERYTHING BETTER

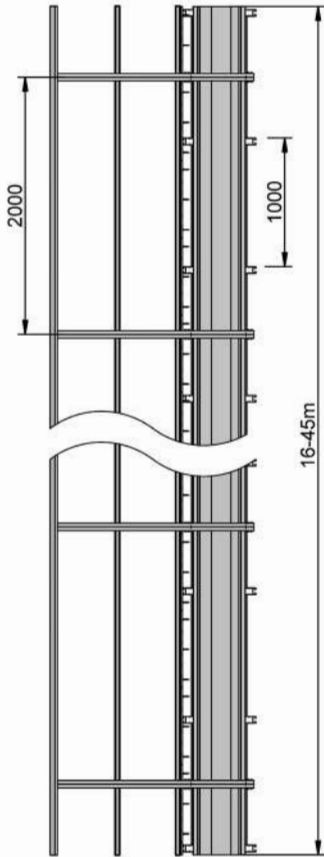
Weight = 52.4 kg per Square Meter

BR03 - Partial Suspension		
MONKEYTOE GROUP		
DWG No:	DRAWING NO.	8/4/2021
	SHEET 1 OF 1	A3
	SCALE: 1:100	REV:01
DO NOT SCALE		DIMENSIONS IN MILLIMETERS

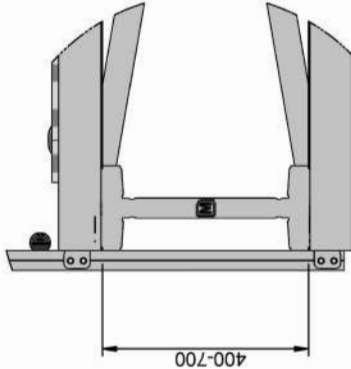
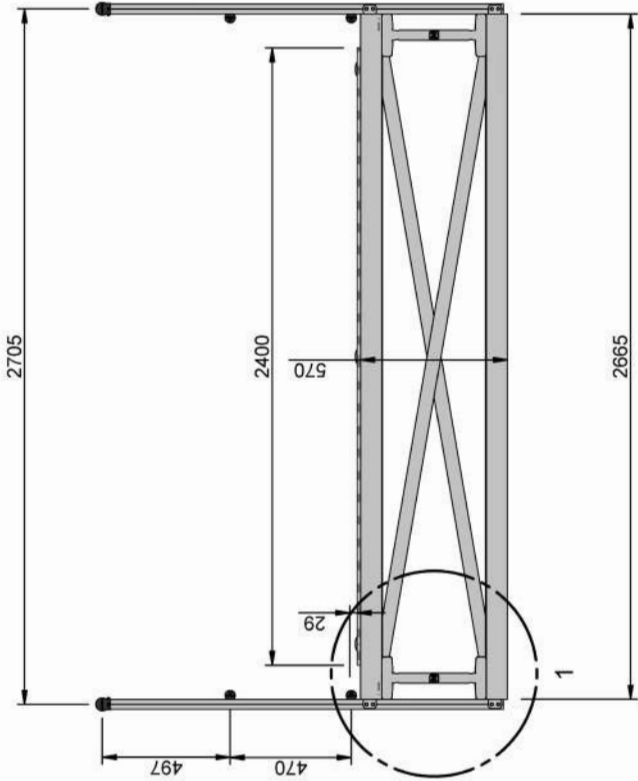
NON - SUSPENDE (CROSS RAILS)



Gaurd Rails or Balustrade



Weight = 49 kg per Square Meter

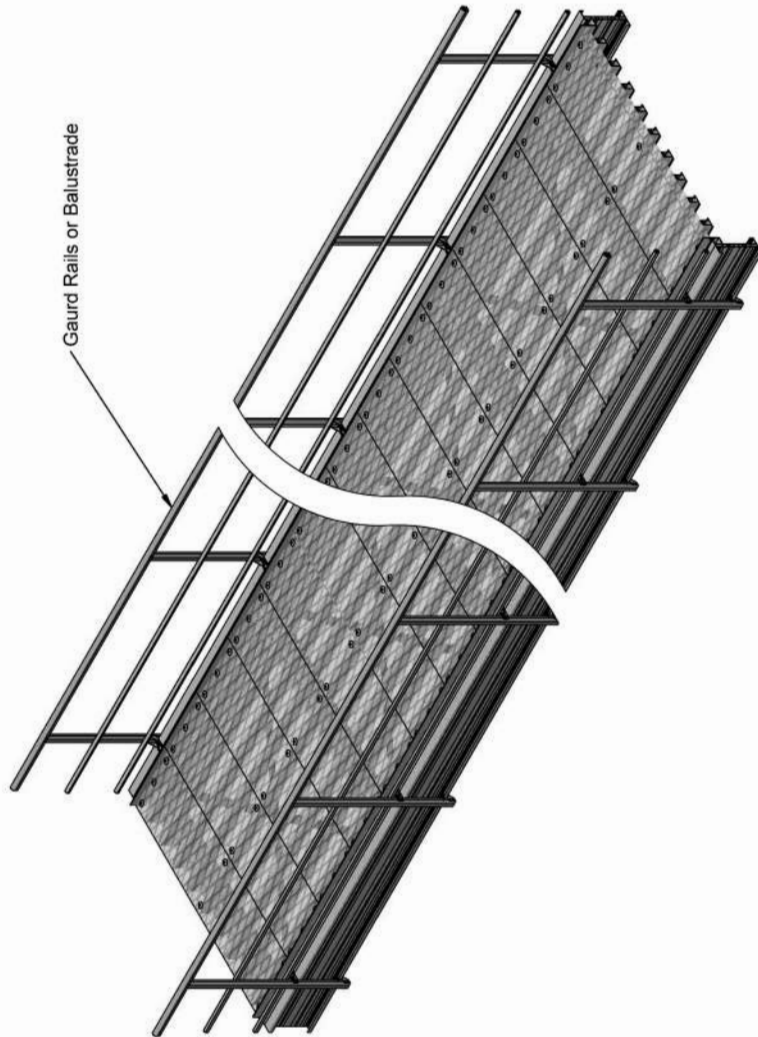


DETAIL 1

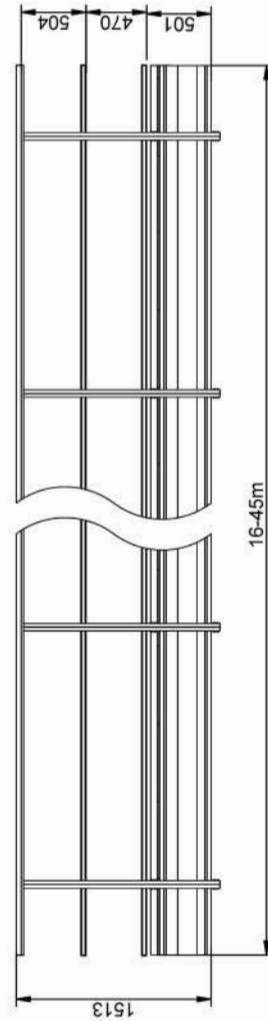
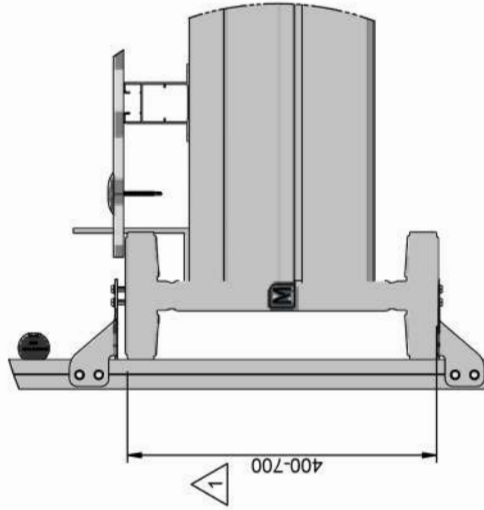
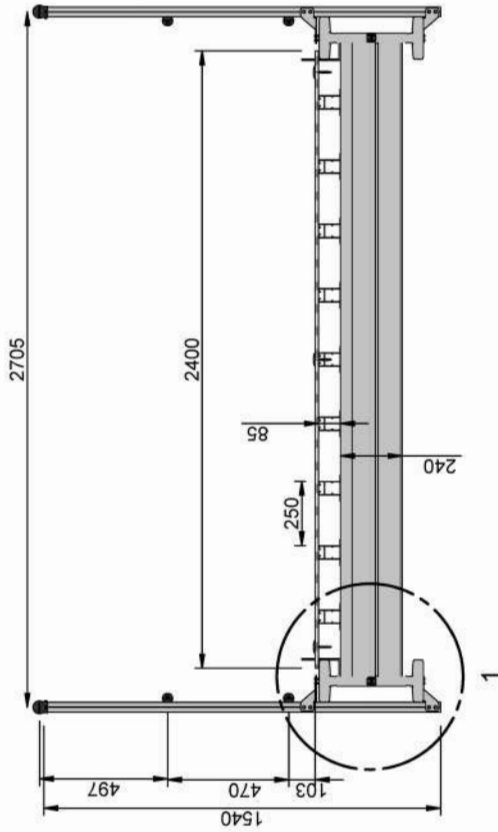


BR03 - Non-suspended (cross rails)			
MONKEYTOE GROUP			
DWG No:	DRAWING NO.	8/4/2021	
	SHEET 1 OF 1	A3	
		REV/01	
DO NOT SCALE		SCALE: 1:1	
DIMENSIONS IN MILLIMETERS			


NON - SUSPENDED (INLINE RAILS)



Gaurd Rails or Balustrade



DETAIL 1

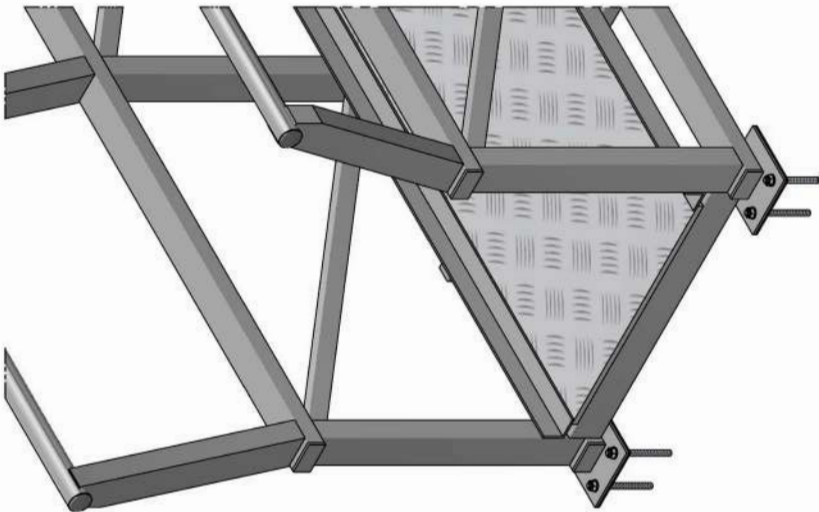
BR03 - Non-suspended (inline rails)			
MONKEYTOE GROUP			
DWG No:	DRAWING NO.	8/2/2021	
	SHEET 1 OF 1	A3	
		SCALE: 1:40	REV/01
DO NOT SCALE		DIMENSIONS IN MILLIMETERS	

Monkeytoe

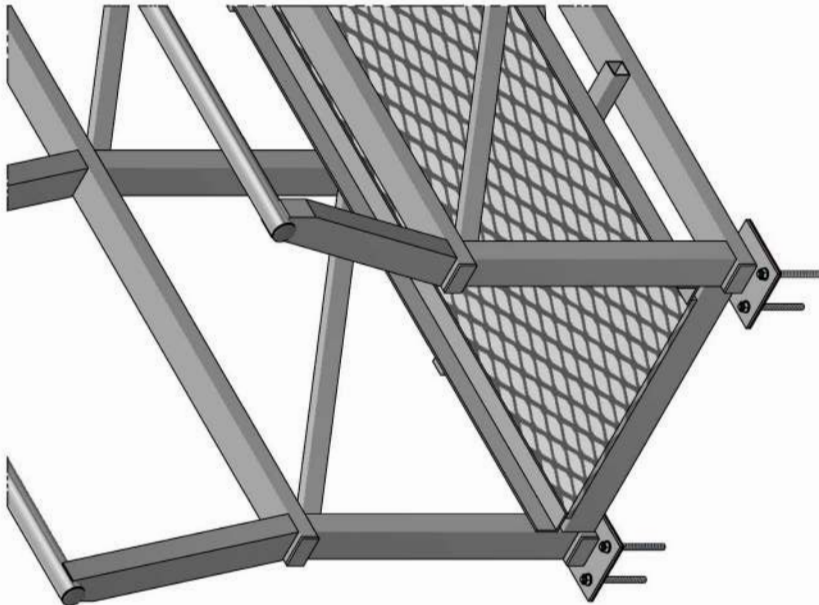
EVERYTHING BETTER

Weight = 43.6 kg per Square Meter

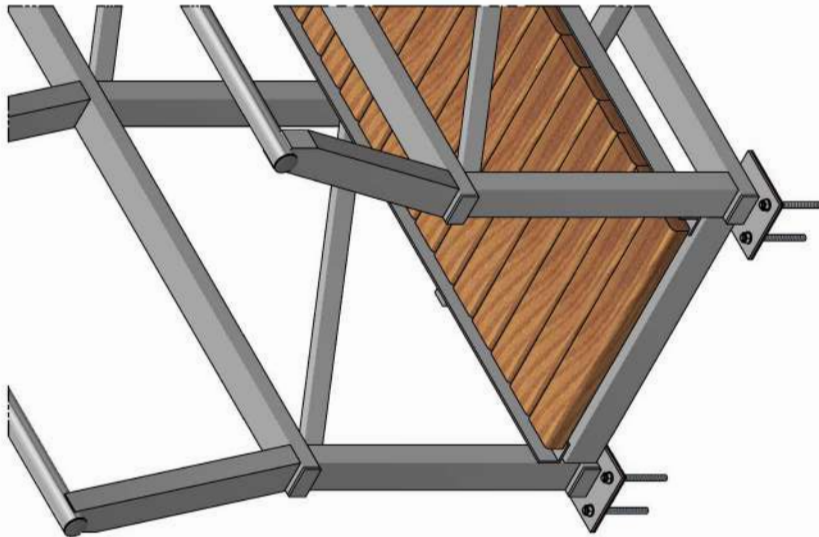
MATERIAL OPTIONS



Checker Sheet



Mesh



Timber battens

Bridge Material options			
MONKEYTOE GROUP			
DWG No:	DRAWING NO.	7/15/2021	
		SHEET 2 OF 2	
		SCALE: 1:1	
DIMENSIONS IN MILLIMETERS			
DO NOT SCALE			