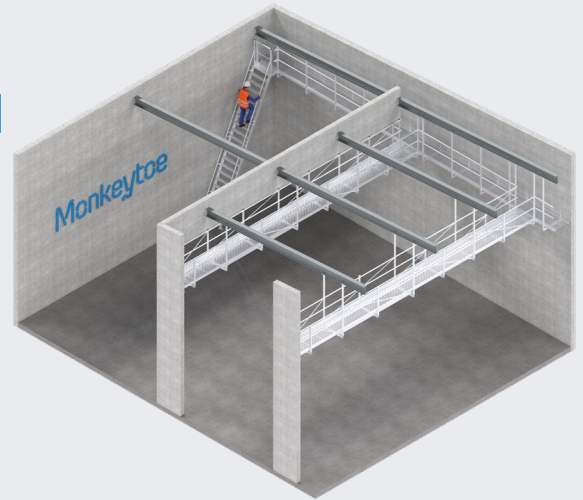


WALKWAYS

Monkeytoe Elevated/Suspended Smartwalk Walkway



PRODUCT DESCRIPTION

High tensile aluminium construction incorporating the amplimesh deck which is welded into the edge bearer extrusions to form modules for commercial & industrial applications which involve a suspended or elevated access walkway.

TYPICAL USES / APPLICATIONS

- Any roof top on commercial or industrial building/plant (Steel, membrane, concrete or timber roof)
- Infill modules for riser shafts
- Bridge walkways
- Spanning bund edges
- Access over skylights
- Access routes to industrial plants

CHARACTERISTICS / ADVANTAGES

- Walkway modules can span up to 3000mm between supports
- Handrail is required on both sides of the walkway
- Natural wind & rain washing in outdoor situations
- Non-corrosive marine grade aluminium
- Non-slip grip surface
- Engineered to 2.5kPa per metre
- Minimal contact points with supporting substrate

TECHNICAL DATA / MATERIALS

- Stringers: 6061 – T6 aluminium flat bar
- Stair treads: 6061 – T6 aluminium extrusion
- Stanchions: 6061 – T6 aluminium RHS extrusion
- Handrails: 6061 – T6 aluminium extrusion
- Fixings (bolts, tek screws): – 304 grade stainless steel

TESTS

APPROVALS / STANDARDS

- Accordance with relevant sections of AS/NZ 1657
- Building B1 structure code
- OHS codes of practice standard/guidelines
- D1 – Access routes

WARRANTY

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

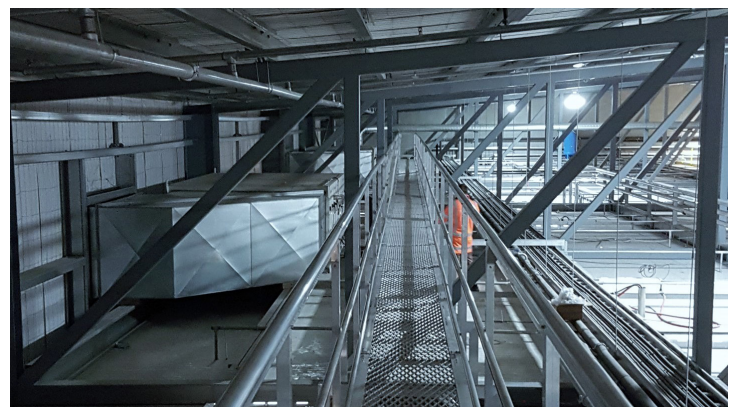
INSTALLATION

- Installation works must be carried out only by Monkeytoe or instructed/approved contractors

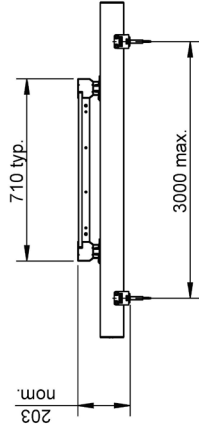
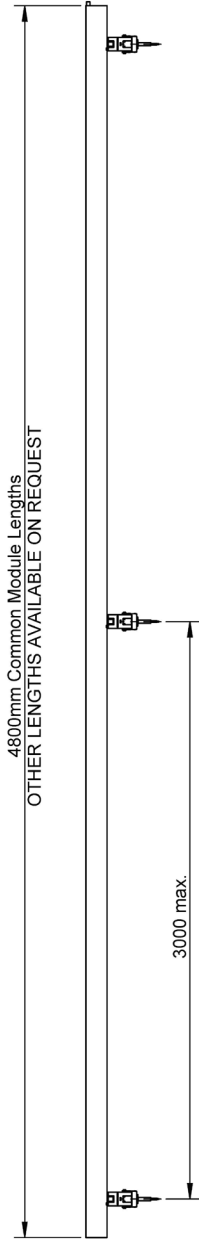
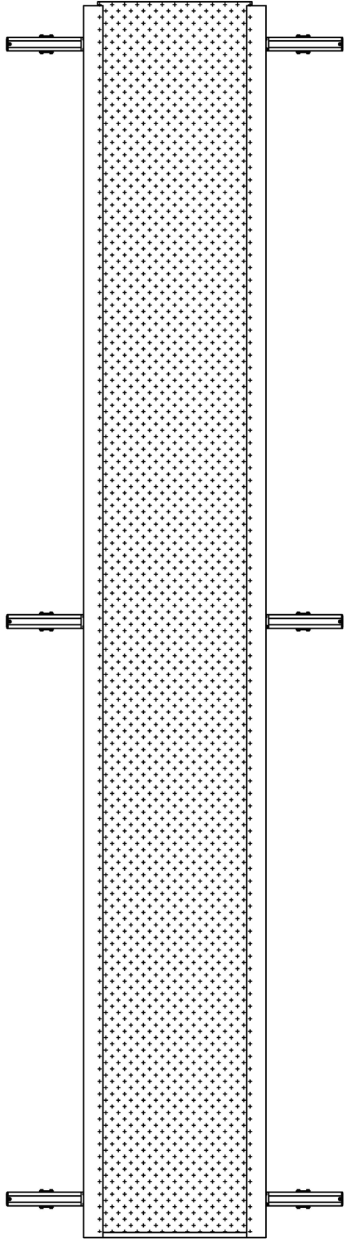
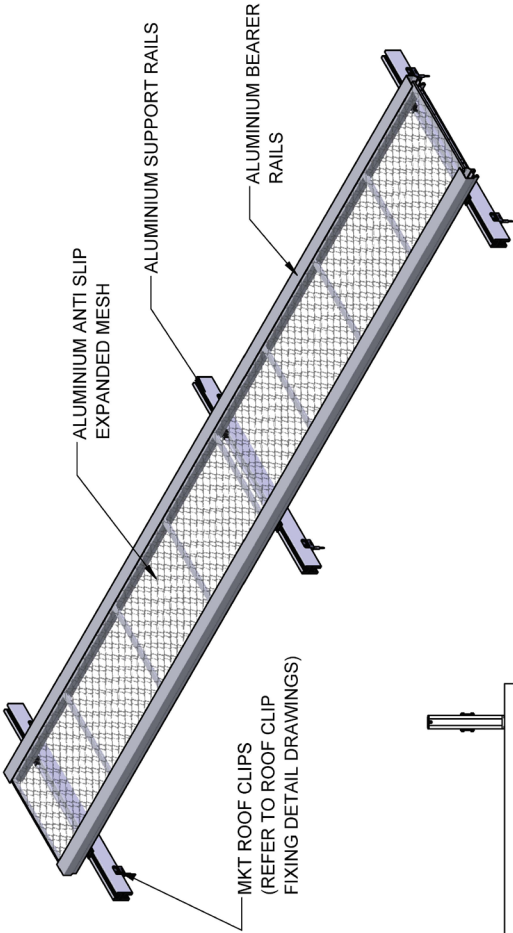
MAINTENANCE

- Self cleaning when used in outdoor situations
- General cleaning recommended in conjunction with standard building / plant cleaning programme or policy
- No certified maintenance is required that affects lifespan or performance of product

PRODUCT IMAGES



DESIGN LOADS AT 3000mm PURLIN/SUPPORT SPACINGS	
Live Load:	
Uniformly distributed = 1.0kPa	
Concentrated action = 1.4kN	
DESIGN LOADS AT 1200mm PURLIN/SUPPORT SPACINGS	
Live Load:	
Uniformly distributed = 2.5kPa	
Concentrated action = 1.4kN	



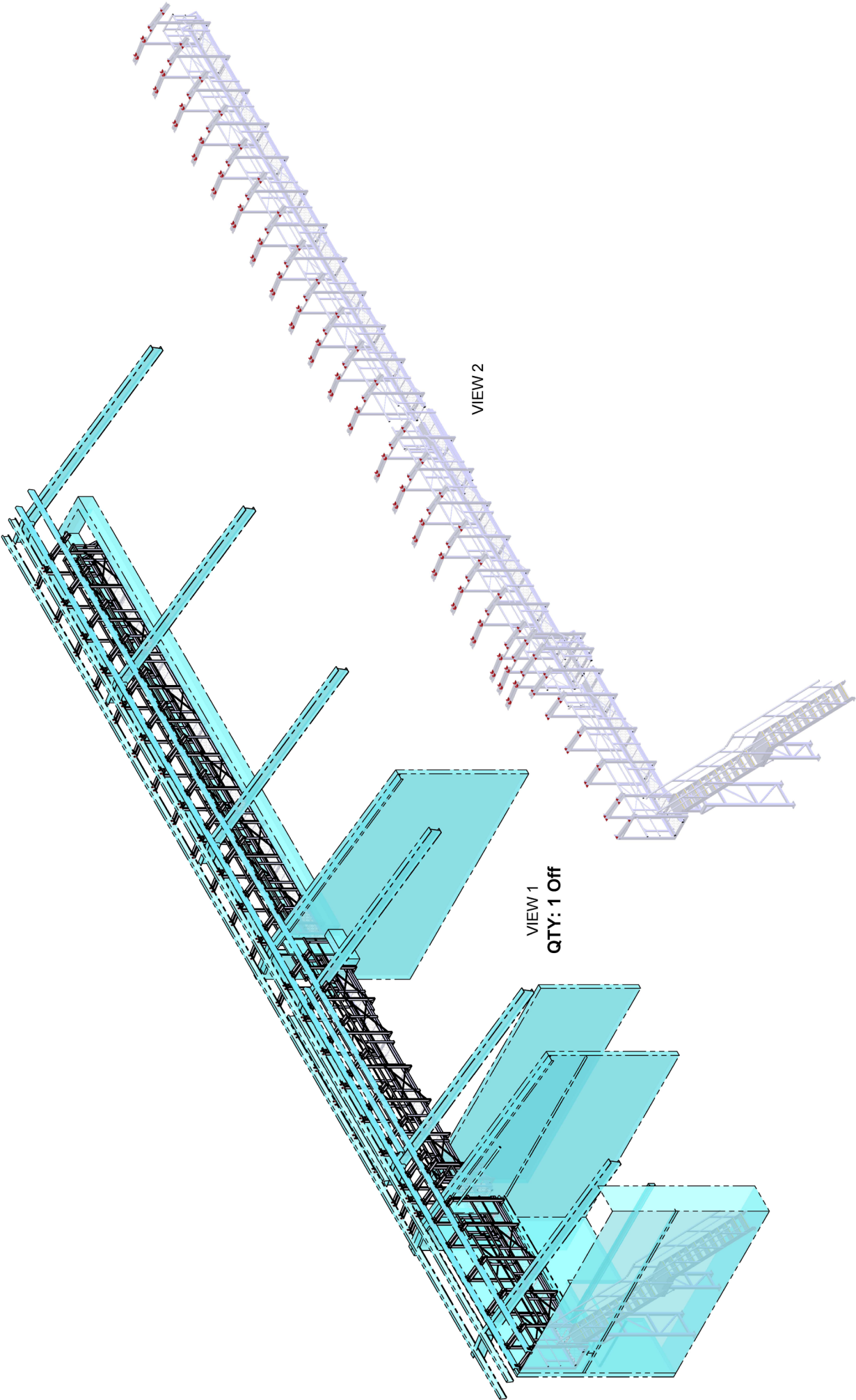
NOTES:

1. MAXIMUM ROOF PITCH WHERE NON LEVELLED WALKWAY IS RUNNING ACROSS THE ROOF = 7°
2. MAXIMUM ROOF PITCH WHERE NON LEVELLED WALKWAY IS RUNNING DOWN THE ROOF = 20°
3. DESIGNED IN ACCORDANCE WITH:
 - AS/NZS 1170.
 - STRUCTURAL DESIGN ACTIONS, B1 & B2 DURABILITY CODES.
 - AS/NZS 1667:2013

For walkways between 10-20deg in the direction of travel, cleats must be provided. Cleats to comply with AS 1657.

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SMARTWALK - NON LEVELLED	
MONKEYTOE	
DWG No: 2004-MSW-NL-01	01/05/2018
DO NOT SCALE	SHEET 1 OF 1
	SCALE 1:20
	REV:01
	DIMENSIONS IN MILLIMETERS

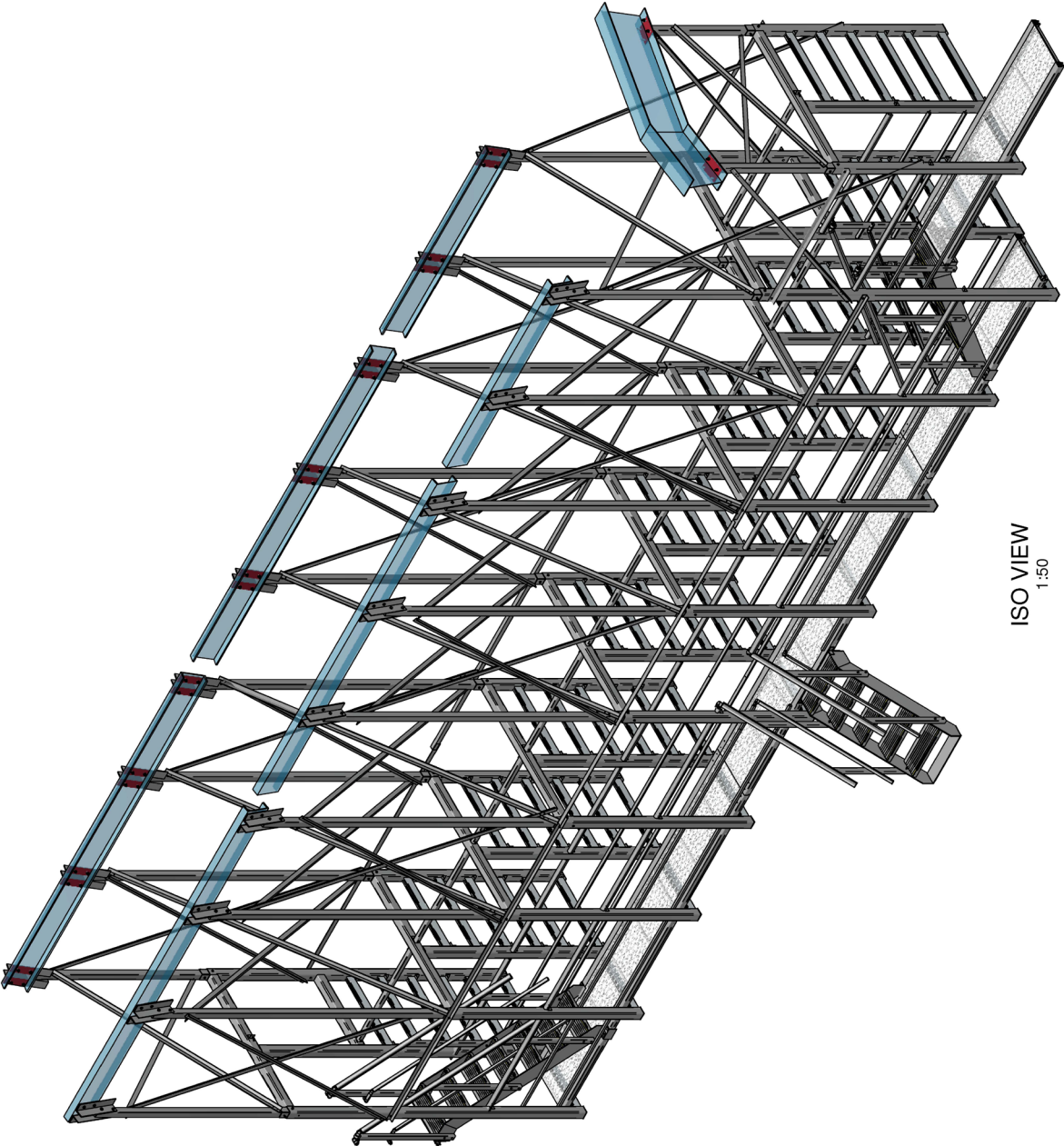


Suspended Walkway ASSY			
MONKEYTOE			
DWG No: 20438-1		SHEET 1 OF 5	20438
DO NOT SCALE		SCALE 1:120	A3
			REV:05
			DIMENSIONS IN MILLIMETERS

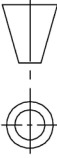
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DRAWN BY:	AK
MODELED BY:	AK
CHECKED BY:	BP/BD/LK
DATE DRAWN:	11/12/2018
LAST SAVED:	14/02/2019
MATERIAL:	See BOM
FINISH:	Mill
TOLERANCES:	+0,-2,0;0,1°



ISO VIEW
1:50

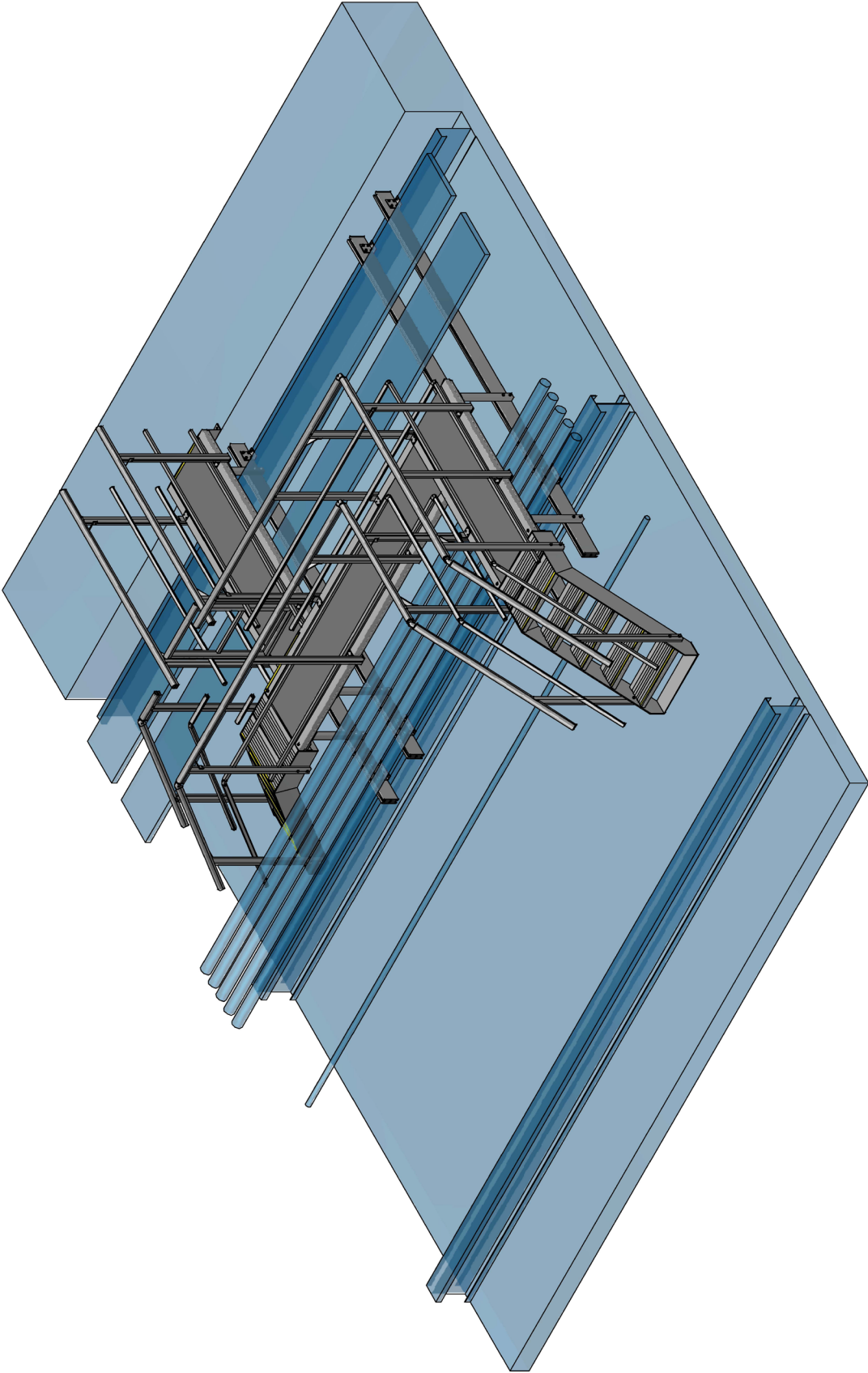
Suspended Walkway	
MONKEYTOE	
DWG No: 19779-EW-1	19779
	SHEET 2 OF 5
DO NOT SCALE	A3
	SCALE: 1:100
	REV:04
	DIMENSIONS IN MILLIMETERS




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DRAWN BY:	KM
MODELED BY:	KM
CHECKED BY:	BP/BD/LK
DATE DRAWN:	4/02/2019
LAST SAVED:	5/02/2019
MATERIAL:	SEE B.O.M.
FINISH:	MILL
TOLERANCES:	+0,-2,0;0,1°



ISOMETRIC VIEW
1:35

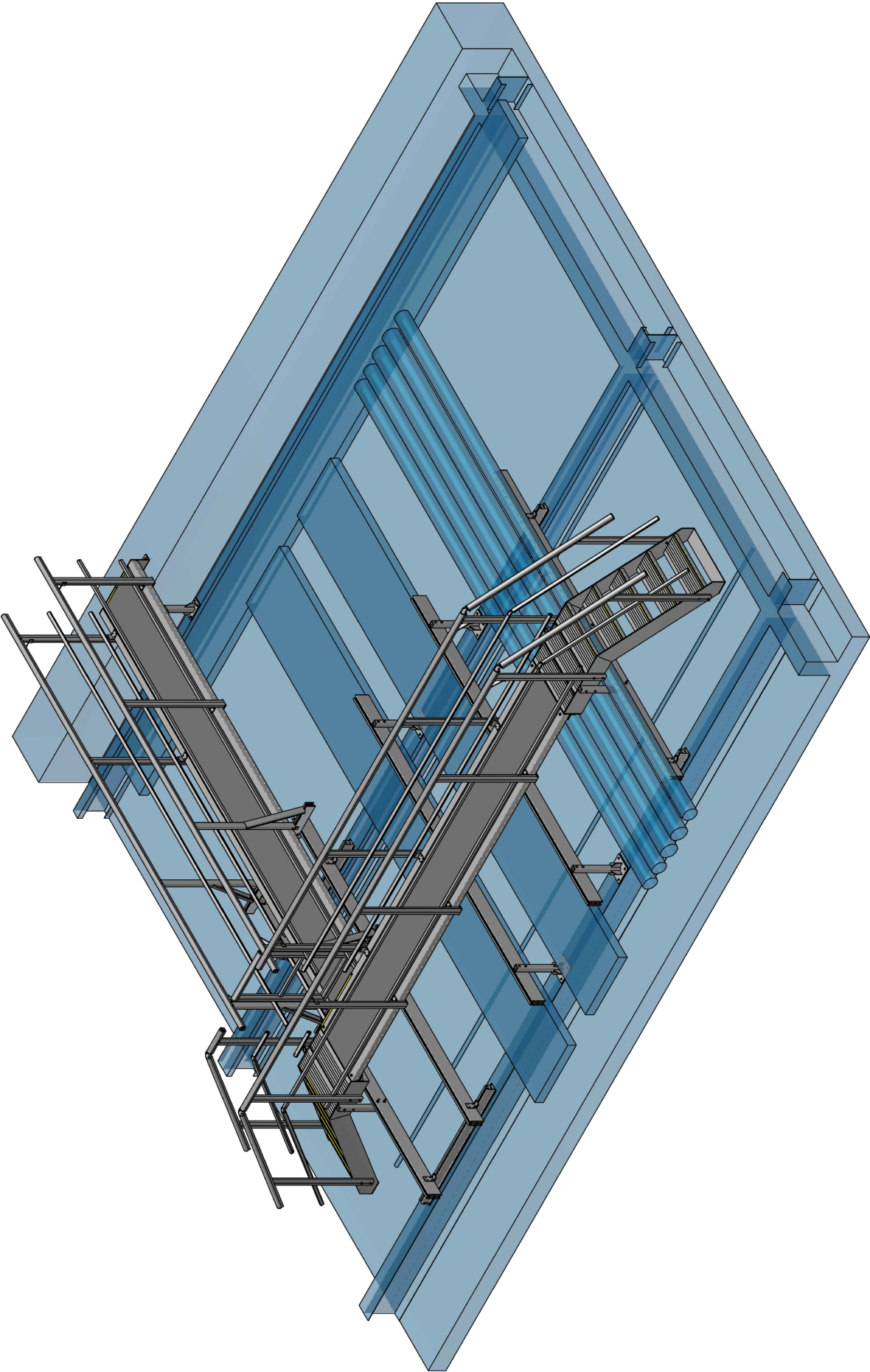
Elevated Walkway Assy			
MONKEYTOE			
DWG No: 21479-S2-01	21479		
	SHEET 3 OF 5	A3	REV:02
DO NOT SCALE	SCALE: 2:1	DIMENSIONS IN MILLIMETERS	

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DRAWN BY:	IN
MODELED BY:	IN
PM:	HEINRICH
CHECKED BY:	BP/BD/LK
DATE DRAWN:	4/14/2020
LAST SAVED:	4/15/2020
MATERIAL:	SEE B.O.M.
FINISH:	Mill




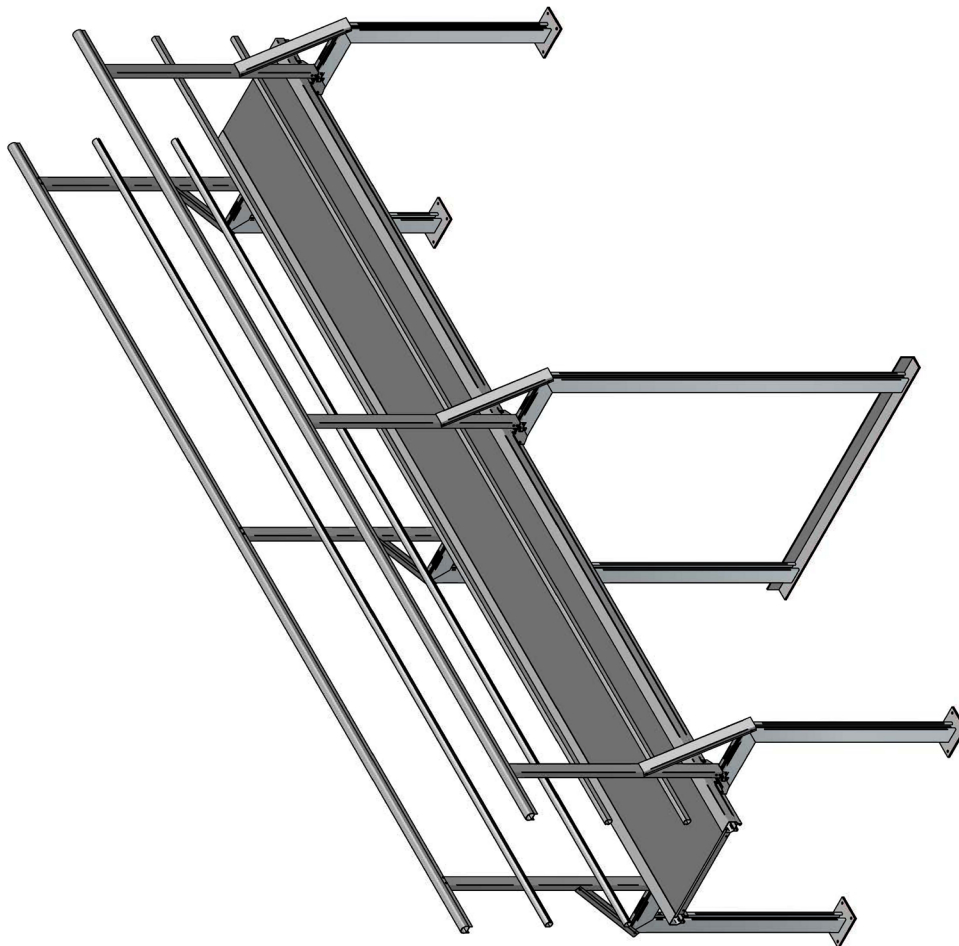
ISOMETRIC VIEW
1:35




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DRAWN BY:	IN
MODELED BY:	IN
PM:	HEINRICH
CHECKED BY:	BP/BD/LK
DATE DRAWN:	4/3/2020
LAST SAVED:	4/15/2020
MATERIAL:	SEE B.O.M.
FINISH:	Mill

Elevated Walkway Assy			
MONKEYTOE			
DWG No: 21479-S3-01	21479		
	SHEET 5 OF 5	A3	REV:02
DO NOT SCALE	SCALE: 1:35	DIMENSIONS IN MILLIMETERS	



Elevated Walkway Assy			
MONKEYTOE			
DWG No: 21460-W1-1	21460		
	SHEET 4 OF 5		
DO NOT SCALE	SCALE: 1:25		
	REV:05		
	DIMENSIONS IN MILLIMETERS		

DRAWN BY:	WM
MODELED BY:	WM
CHECKED BY:	BP/BDLK
DATE DRAWN:	14/06/2019
LAST SAVED:	25/06/2019
MATERIAL:	SEE B.O.M.
FINISH:	MILL
TOLERANCES:	+0,-2.0/0.1°

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