

Vehicle Tracking Envelope Index

Vehicle Tracking speed 5km/hr					Vehicle Tracking speed 10km/hr				
SED_NO	SED_VER	Title	Last Published	Comments	SED_NO	SED_VER	Title	Last Published	Comments
VT0000	C	Vehicle Tracking Envelope Index	14/02/2020 as working draft	Minor changes					
Auckland Transport Design Vehicle									
VT0100	A	AT Design Vehicle - 4.9m - 85th Car	14/02/2020 as working draft	No changes	VT1100	A	AT Design Vehicle - 4.9m - 85th Car	New Drawing	-
VT0101	B	AT Design Vehicle - 6.3m - Delivery Van	14/02/2020 as working draft	Minor changes	VT1101	A	AT Design Vehicle - 6.3m - Delivery Van	New Drawing	-
VT0102	B	AT Design Vehicle - 8.3m - Truck	14/02/2020 as working draft	Minor changes	VT1102	A	AT Design Vehicle - 8.3m - Truck	New Drawing	-
VT0103	B	AT Design Vehicle -12.6m - Urban Bus (RTS18)	14/02/2020 as working draft	Minor changes	VT1103	A	AT Design Vehicle -12.6m - Urban Bus (RTS18)	New Drawing	-
VT0104	B	AT Design Vehicle - 12.6m - Truck - No hitch	14/02/2020 as working draft	Minor changes	VT1104	A	AT Design Vehicle - 12.6m - Truck - No hitch	New Drawing	-
VT0105	B	AT Design Vehicle -19.45m - HPMV Semi Trailer	14/02/2020 as working draft	Minor changes	VT1105	A	AT Design Vehicle -19.45m - HPMV Semi Trailer	New Drawing	-
VT0106	A	AT Design Vehicle - 2.6m - Cargo Bike	New Drawing	-	VT1106	A	AT Design Vehicle - 2.6m - Cargo Bike	New Drawing	-
Auckland Transport Design Check Vehicle									
VT0200	A	AT Check Vehicle - 4.6m - 50th Car	14/02/2020 as working draft	No changes	VT1200	A	AT Check Vehicle - 4.6m - 50th Car	New Drawing	-
VT0201	A	AT Check Vehicle - 5.1m - 95th Car	14/02/2020 as working draft	No changes	VT1201	A	AT Check Vehicle - 5.1m - 95th Car	New Drawing	-
VT0202	A	AT Check Vehicle - 10.3m - Rubbish Truck - Rear Steer	14/02/2020 as working draft	No changes	VT1202	A	AT Check Vehicle - 10.3m - Rubbish Truck - Rear Steer	New Drawing	-
VT0203	A	AT Check Vehicle - 13.5m - Urban Bus - Rear Steer	14/02/2020 as working draft	No changes	VT1203	A	AT Check Vehicle - 13.5m - Urban Bus - Rear Steer	New Drawing	-
VT0204	A	AT Check Vehicle - 17.9m - Semi-Trailer	14/02/2020 as working draft	No changes	VT1204	A	AT Check Vehicle - 17.9m - Semi-Trailer	New Drawing	-
VT0205	A	AT Check Vehicle - 23m - HPMV Truck and Trailer	14/02/2020 as working draft	No changes	VT1205	A	AT Check Vehicle - 23m - HPMV Truck and Trailer	New Drawing	-
Auckland Transport Buses									
VT0300	B	AT - 13.5m Yutong E13 - EV Bus	14/02/2020 as working draft	Minor changes	VT1300	A	AT - 13.5m Yutong E13 - EV Bus	New Drawing	-
VT0301	A	AT - 13.5m Airbus Kiwi Scania	14/02/2020 as working draft	No changes	VT1301	A	AT - 13.5m Airbus Kiwi Scania	New Drawing	-
VT0302	A	AT - 19.0m Articulated Bus	14/02/2020 as working draft	No changes	VT1302	A	AT - 19.0m Articulated Bus	New Drawing	-
VT0303	A	AT - 14.5m Intercity Coach - Rear Steer	14/02/2020 as working draft	No changes	VT1303	A	AT - 14.5m Intercity Coach - Rear Steer	New Drawing	-
VT0304	A	AT - 12.6m Scania Double Decker	14/02/2020 as working draft	No changes	VT1304	A	AT - 12.6m Scania Double Decker	New Drawing	-
VT0305	A	AT - 11.6m Enviro200EV	14/02/2020 as working draft	No changes	VT1305	A	AT - 11.6m Enviro200EV	New Drawing	-
VT0306	A	AT - 11.3m Commuter Bus	14/02/2020 as working draft	No changes	VT1306	A	AT - 11.3m Commuter Bus	New Drawing	-
VT0307	A	AT - 12.6m DesignLine 800	14/02/2020 as working draft	No changes	VT1307	A	AT - 12.6m DesignLine 800	New Drawing	-
VT0308	A	AT - 12.5m ADL Double Decker	14/02/2020 as working draft	No changes	VT1308	A	AT - 12.5m ADL Double Decker	New Drawing	-
VT0309	A	AT - 12.2m Yutong E12 - EV	14/02/2020 as working draft	No changes	VT1309	A	AT - 12.2m Yutong E12 - EV	New Drawing	-
Auckland Transport Special Vehicles									
VT0400	A	NZTA - 1.6m - 95th Mobility Scooter	14/02/2020 as working draft	No changes	VT1400	A	NZTA - 1.6m - 95th Mobility Scooter	New Drawing	-
VT0401	A	AT - 9.3m - 85th Car with VLT	14/02/2020 as working draft	No changes	VT1401	A	AT - 9.3m - 85th Car with VLT	New Drawing	-
VT0402	A	AT - 10.2m - 85th Car with Boat	14/02/2020 as working draft	No changes	VT1402	A	AT - 10.2m - 85th Car with Boat	New Drawing	-
VT0403	A	AT - 14.3m - 85th Car with Caravan	14/02/2020 as working draft	No changes	VT1403	A	AT - 14.3m - 85th Car with Caravan	New Drawing	-
VT0404	A	AT - 7.3m - Rubbish Truck- Rear load	14/02/2020 as working draft	No changes	VT1404	A	AT - 7.3m - Rubbish Truck- Rear load	New Drawing	-
VT0405	A	AT - 8.8m - Rubbish Truck - Side load - Rear Steer	14/02/2020 as working draft	No changes	VT1405	A	AT - 8.8m - Rubbish Truck - Side load - Rear Steer	New Drawing	-
VT0406	A	AT - 8.8m - Rubbish Truck- Front load - Fixed Rear	14/02/2020 as working draft	No changes	VT1406	A	AT - 8.8m - Rubbish Truck- Front load - Fixed Rear	New Drawing	-
VT0407	A	AT - 9.1m - Fire Truck - STD Pumper	14/02/2020 as working draft	No changes	VT1407	A	AT - 9.1m - Fire Truck - STD Pumper	New Drawing	-
VT0408	A	AT - 9.3m - Fire Truck - Aerial unit	14/02/2020 as working draft	No changes	VT1408	A	AT - 9.3m - Fire Truck - Aerial unit	New Drawing	-
VT0409	A	AT - 10.7m - Fire Truck - Rotary Ladder	14/02/2020 as working draft	No changes	VT1409	A	AT - 10.7m - Fire Truck - Rotary Ladder	New Drawing	-
VT0410	A	AT - 11.5m - Truck - Dual Front	14/02/2020 as working draft	No changes	VT1410	A	AT - 11.5m - Truck - Dual Front	New Drawing	-
VT0411	A	AT - 23m - Truck- HPMV Car Transporter	14/02/2020 as working draft	No changes	VT1411	A	AT - 23m - Truck- HPMV Car Transporter	New Drawing	-
VT0412	A	AT - 22m - HPMV Truck and Trailer	14/02/2020 as working draft	No changes	VT1412	A	AT - 22m - HPMV Truck and Trailer	New Drawing	-
VT0413	A	AT - 17.9m - Truck - BP Fuel Tanker (Rear steer)	14/02/2020 as working draft	No changes	VT1413	A	AT - 17.9m - Truck - BP Fuel Tanker (Rear steer)	New Drawing	-
VT0414	A	AT - 22m - Truck - Fuel Tanker	14/02/2020 as working draft	No changes	VT1414	A	AT - 22m - Truck - Fuel Tanker	New Drawing	-





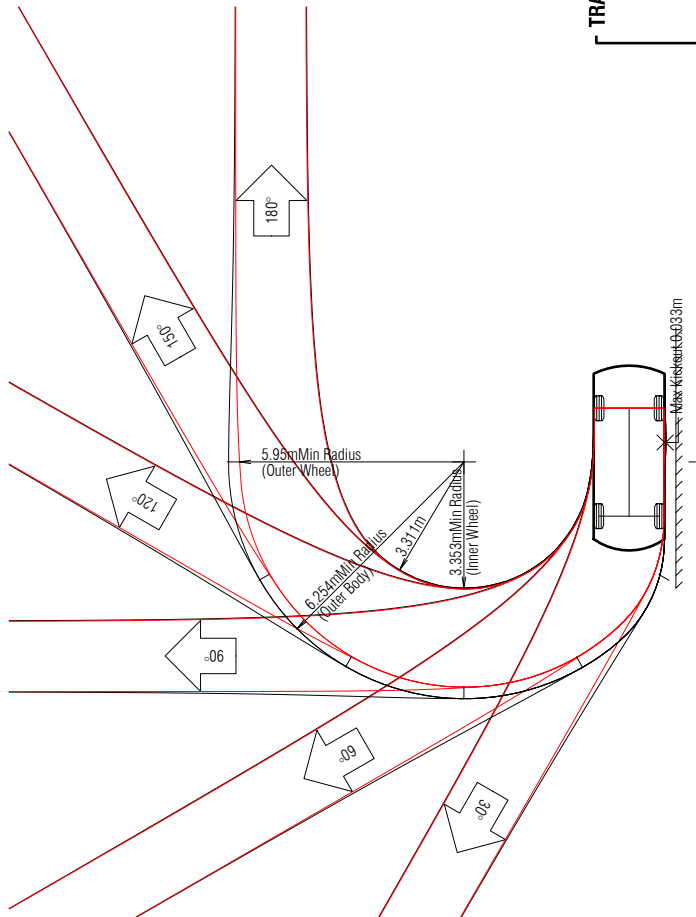
TDM TECHNICAL STANDARDS

AT Design Vehicle - 4.9m - 85th Car

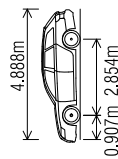
Date: 14/08/2024
SED No. VT0100
Version A

Notes:

1. This Template has been tracked at 5km/hr with Autodesk Vehicle Tracking.
2. For 10km/hr vehicle tracking refer to VT0100 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.



TRACKING VEHICLE



AT Design Vehicle - 4.9m - 85th Car

Overall Length	4.888m
Overall Width	1.874m
Overall Body Height	1.440m
Min Body Ground Clearance	0.138m
Max Track Width	1.859m
Lock-to-lock time	4.00s
Curb to Curb Turning Radius	5.950m



A4 1:200	0	10m
A3 1:100		

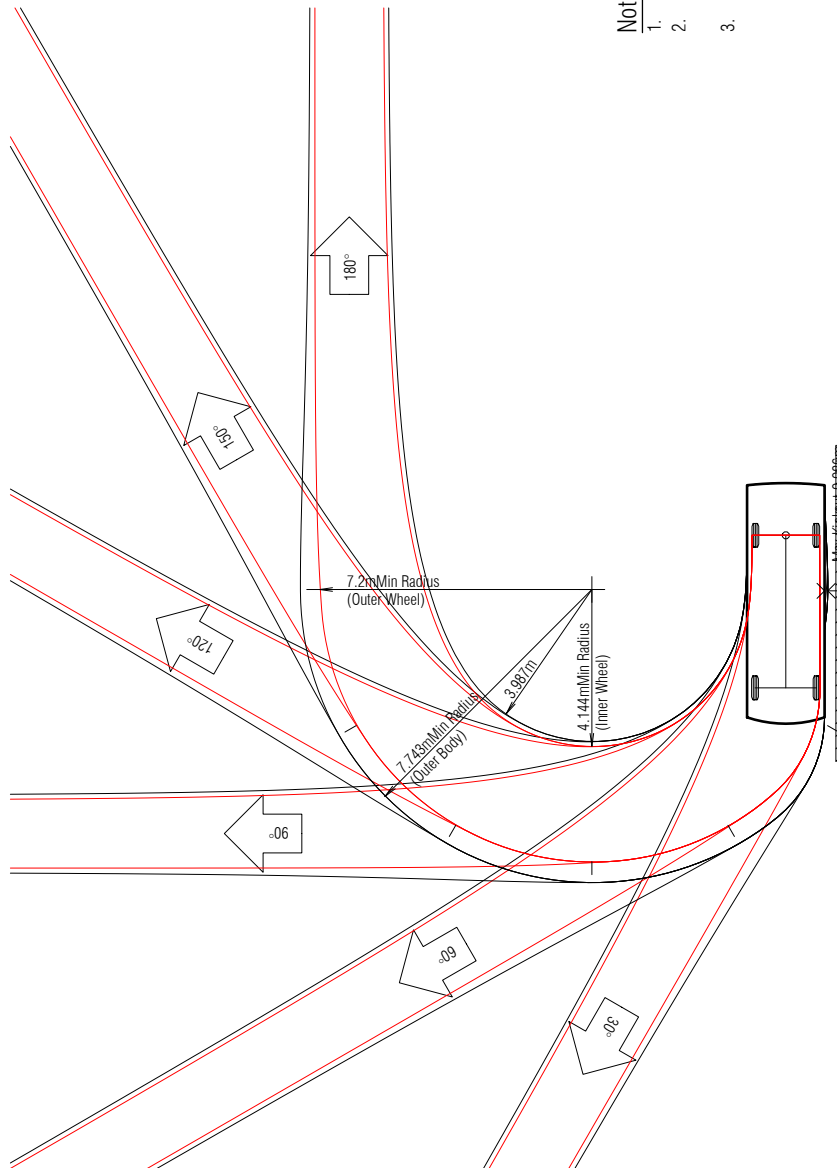


TDM TECHNICAL STANDARDS

AT Design Vehicle - 6.3m - Delivery Van

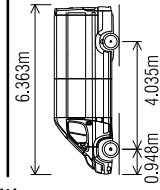
Date: 14/08/2024

SED No. VT0101 Version B



- Notes:**
1. This Template has been tracked at 5km/hr with Autodesk Vehicle Tracking.
 2. For 10km/hr vehicle tracking refer to VT1101 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
 3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

TRACKING VEHICLE



AT Design Vehicle - 6.3m - Delivery Van

Overall Length	6.363m
Overall Width	2.050m
Min Body Ground Clearance	0.206m
Max Track Width	1.810m
Lock-to-lock time	4.00s
Curb to Curb Turning Radius	7.200m

A4	1:200	0	10m
A3	1:100		



TDM TECHNICAL STANDARDS

AT Design Vehicle - 8.3m - Truck

Date: 14/08/2024

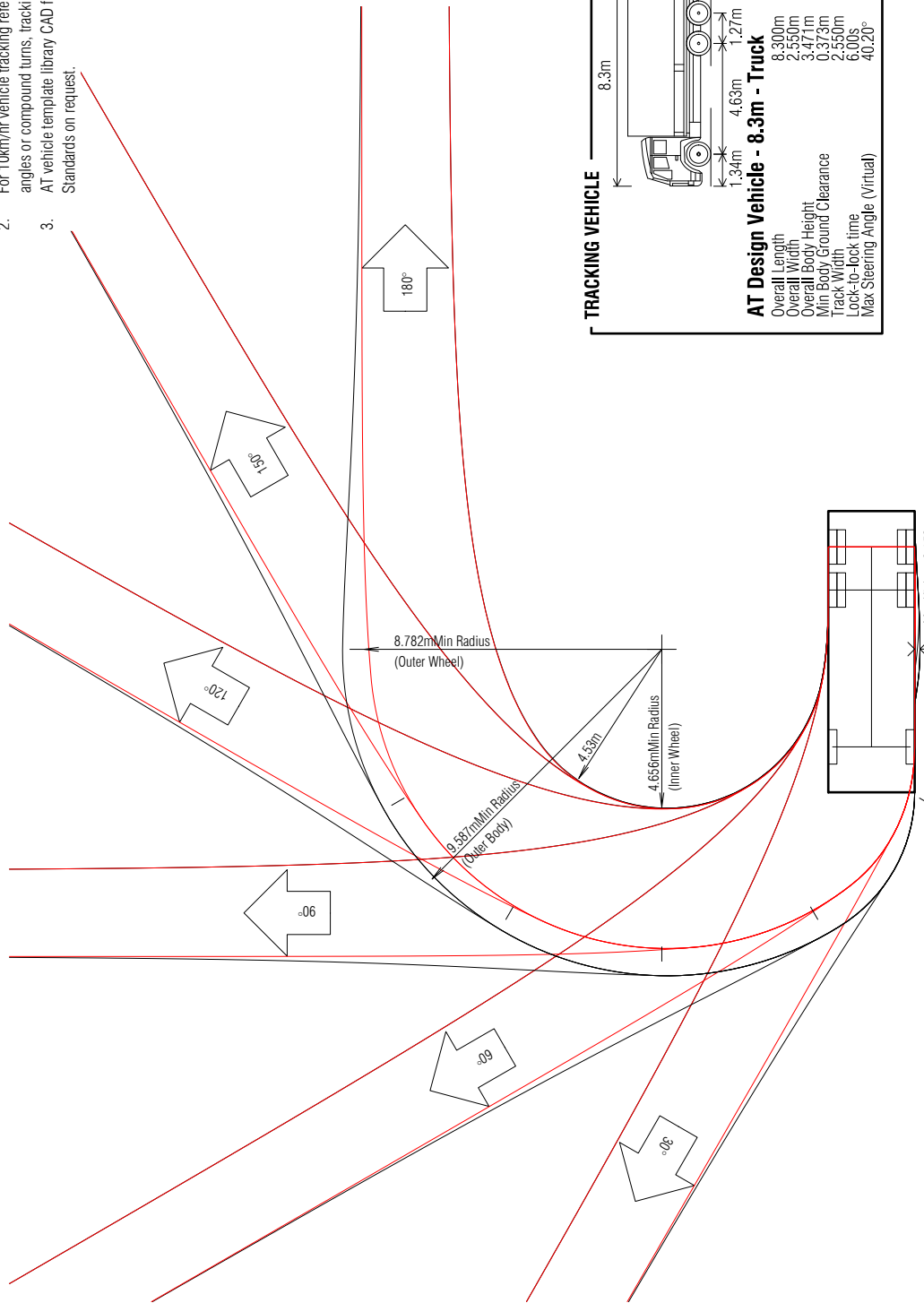
SED No. Version

VT0102

B

Notes:

1. This Template has been tracked at 5km/hr with Autodesk Vehicle Tracking.
2. For 10km/hr vehicle tracking refer to VT1102 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.



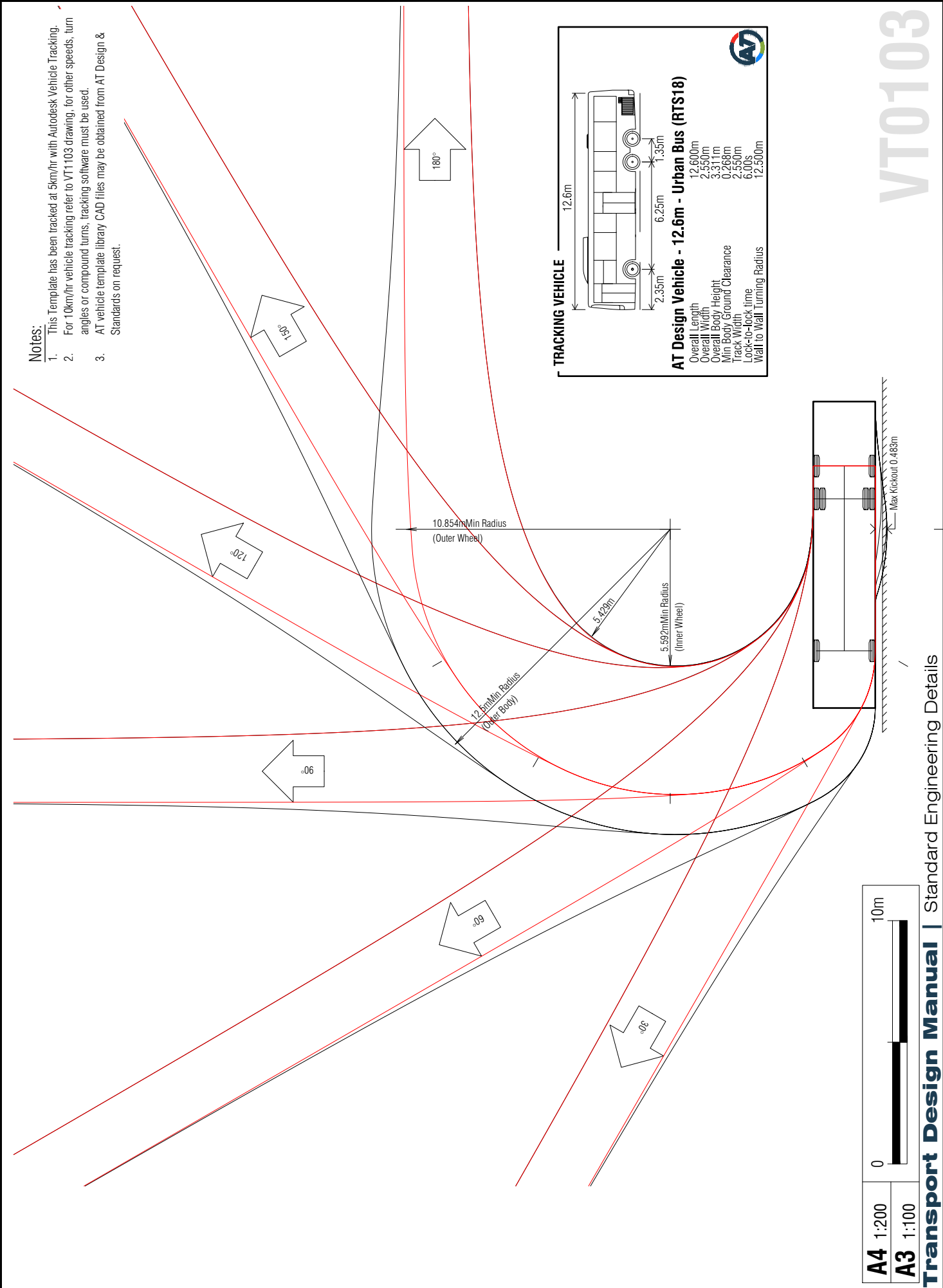
VT0102



TDM TECHNICAL STANDARDS

AT Design Vehicle -12.6m - Urban Bus (RTS18)

Date:	14/08/2024	
SED No.	VT0103	Version
		B



VT0103



TDM TECHNICAL STANDARDS

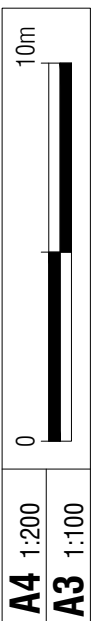
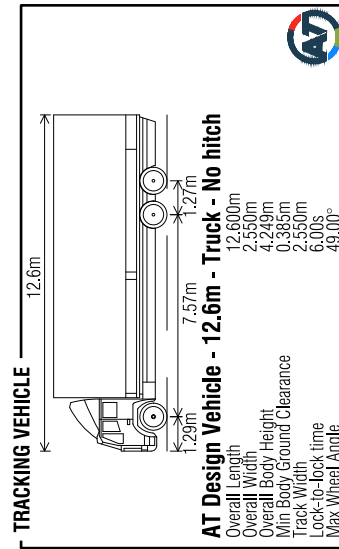
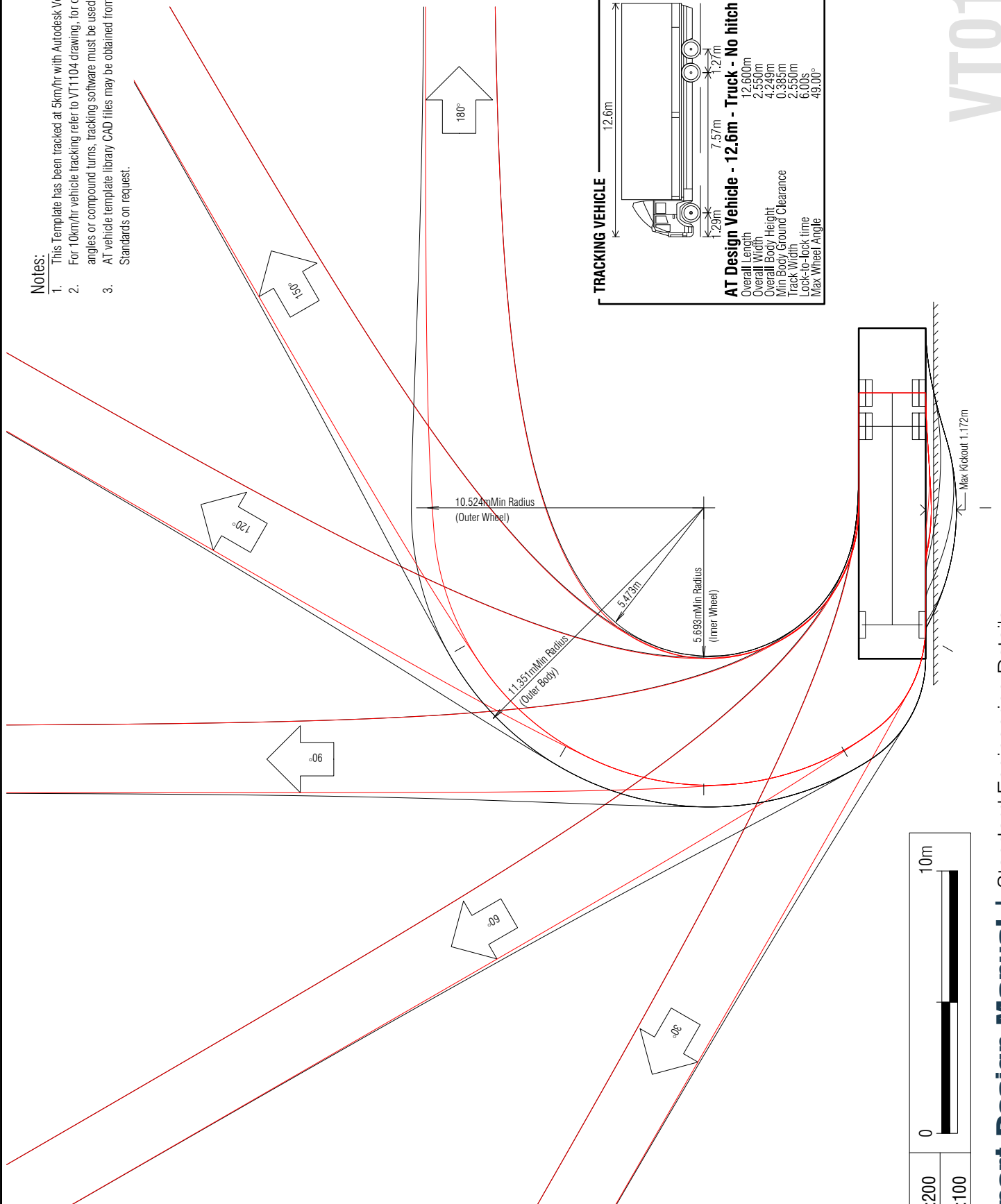
AT Design Vehicle - 12.6m - Truck - No hitch

Date: 14/08/2024

SED No. **VT0104** Version **B**

Notes:

1. This Template has been tracked at 5km/hr with Autodesk Vehicle Tracking.
2. For 10km/hr vehicle tracking refer to VT1104 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.





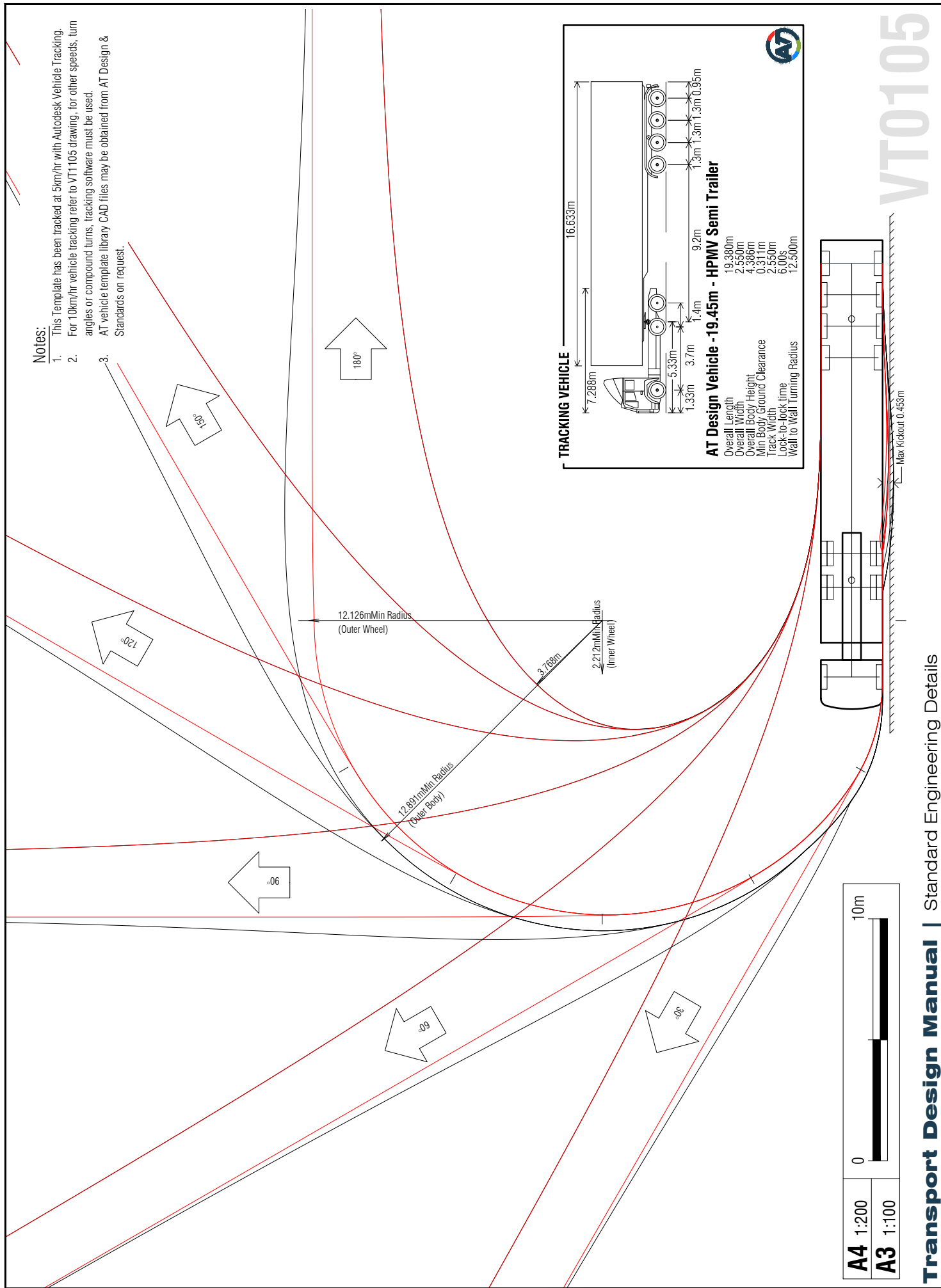
TDM TECHNICAL STANDARDS

AT Design Vehicle -19.45m - HPMV Semi Trailer

Date: 14/08/2024

SED No. VT0105

Version B



VT0105

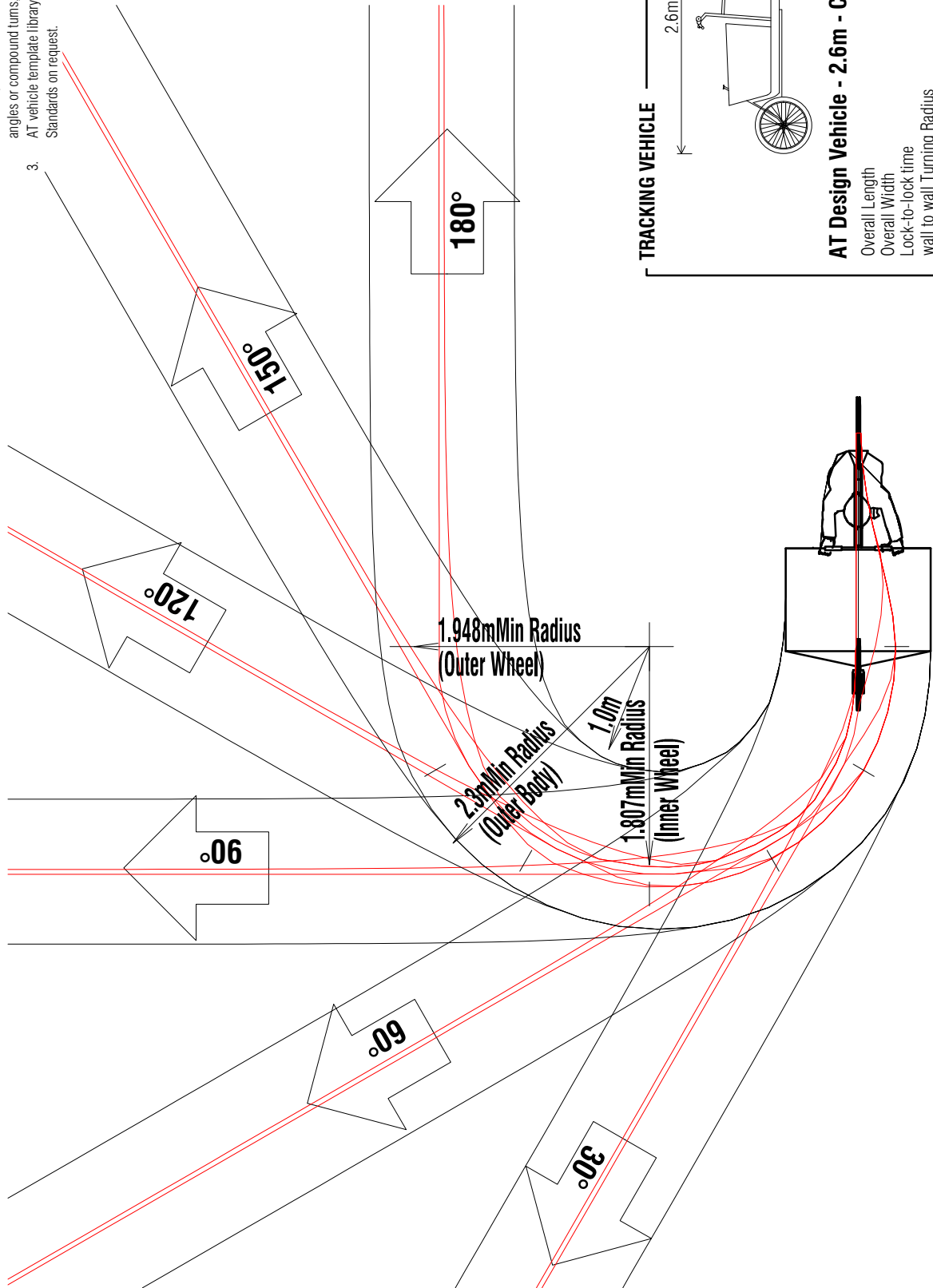


TDM TECHNICAL STANDARDS

AT Design Vehicle - 2.6m - Cargo Bike

Date: 10/07/2025
SED No. VT0106
Version A

A4	1:50	0	2m
A3	1:25		

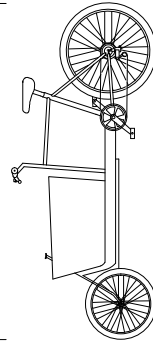


Notes:

1. This Template has been tracked at 5km/hr with Autodesk Vehicle Tracking.
2. For 10km/hr vehicle tracking refer to VT1106 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

TRACKING VEHICLE

2.6m



AT Design Vehicle - 2.6m - Cargo Bike

Overall Length	2.6m
Overall Width	1.2m
Lock-to-lock time	2.00s
wall to wall Turning Radius	2.3m



VT0106

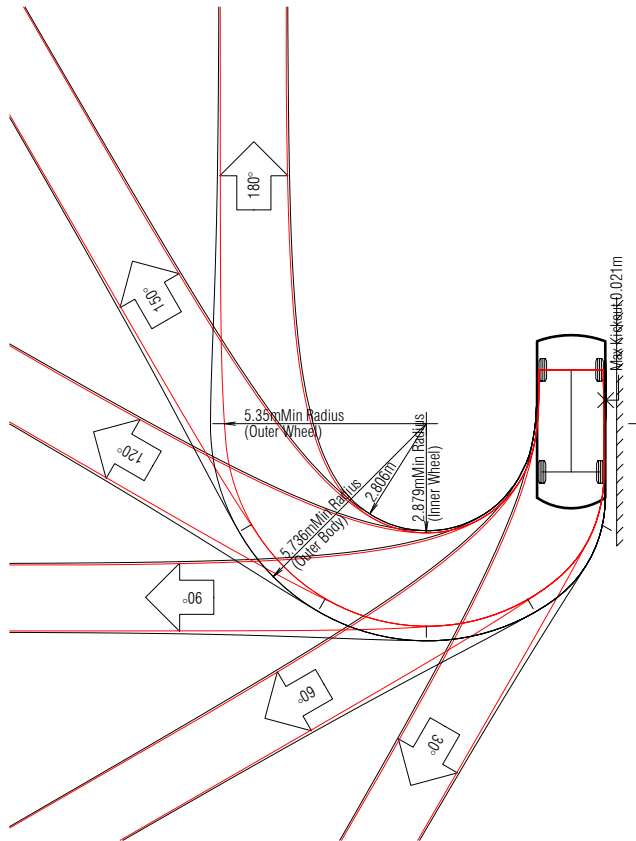


TDM TECHNICAL STANDARDS

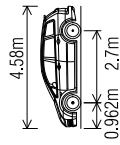
AT Check Vehicle - 4.6m - 50th Car

Notes:

1. This Template has been tracked at 5km/hr with Autodesk Vehicle Tracking.
2. For 10km/hr vehicle tracking refer to VT1 200 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.



TRACKING VEHICLE



AT Check Vehicle - 4.6m - 50th Car

Overall Length	4.580m
Overall Width	1.805m
Overall Body Height	1.505m
Min Body Ground Clearance	0.150m
Max Track Width	1.746m
Lock-to-lock time	4.00s
Curb to Curb Turning Radius	5.350m





TDM TECHNICAL STANDARDS

AT Check Vehicle - 5.1m - 95th Car

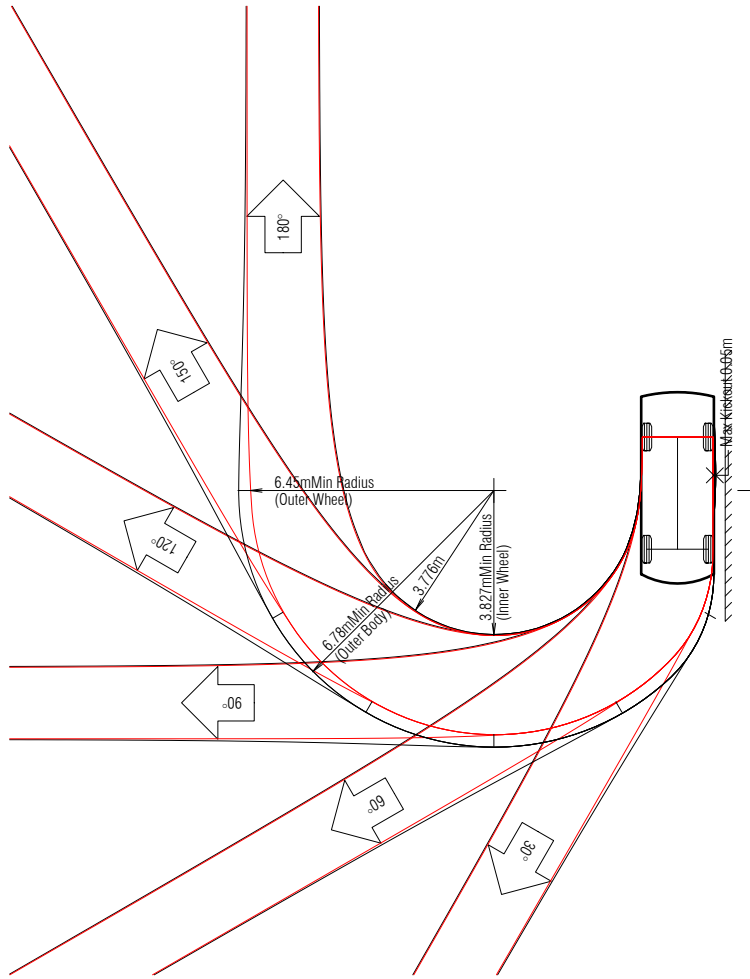
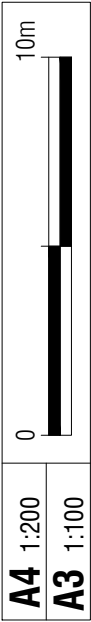
Date: 14/08/2024

SED No.

VT0201

Version

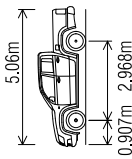
A



Notes:

1. This Template has been tracked at 5km/hr with Autodesk Vehicle Tracking.
2. For 10km/hr vehicle tracking refer to VT1 201 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

TRACKING VEHICLE



AT Check Vehicle - 5.1m - 95th Car

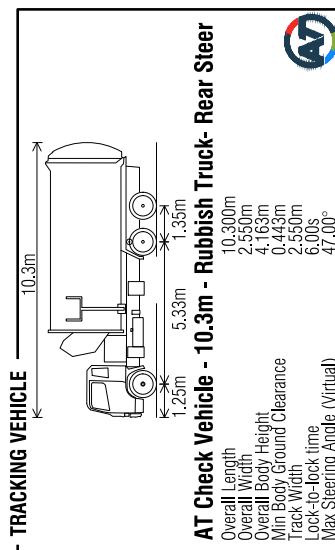
Overall Length	5.060m
Overall Width	1.923m
Overall Height	1.784m
Min Body Ground Clearance	0.231m
Max Track Width	1.888m
Lock-to-lock time	4.00s
Curb to Curb Turning Radius	6.450m



VT0201

Notes:

1. This Template has been tracked at 5km/hr with Autodesk Vehicle Tracking.
2. For 10km/hr vehicle tracking refer to VT1202 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.



A4	1:200
A3	1:100



AT Check Vehicle - 10.3m - Rubbish Truck - Rear Steer

SED No.

VT0202

Version
A



TDM TECHNICAL STANDARDS

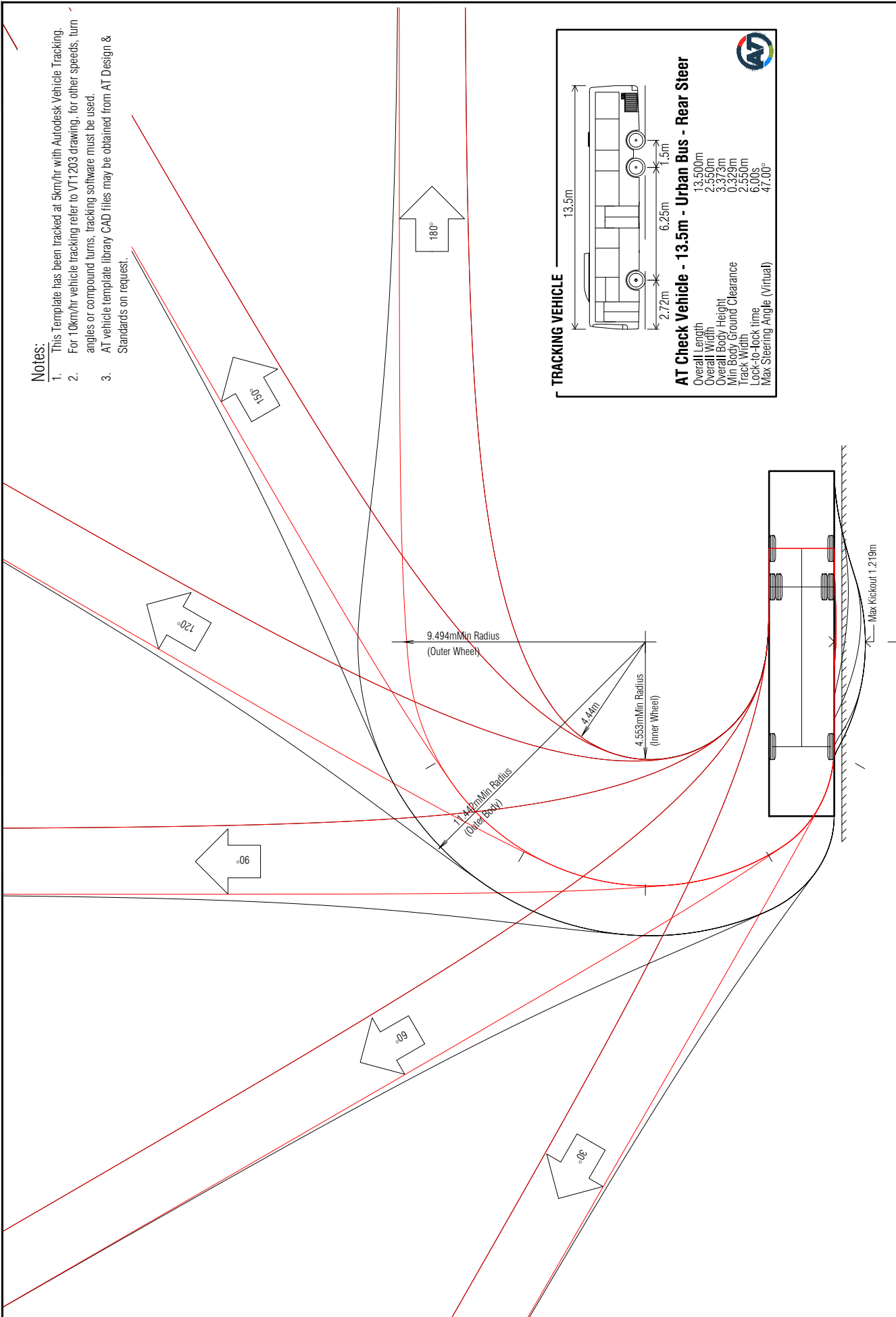
AT Check Vehicle - 13.5m - Urban Bus - Rear Steer

Date: 14/08/2024

SED No. Version

VT0203

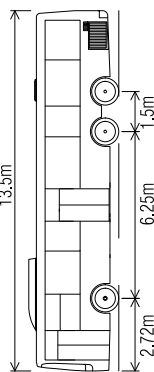
A



Notes:

1. This Template has been tracked at 5km/hr with Autodesk Vehicle Tracking.
2. For 10km/hr vehicle tracking refer to VT1 203 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

TRACKING VEHICLE



AT Check Vehicle - 13.5m - Urban Bus - Rear Steer

Overall Length	13.500m
Overall Width	2.550m
Min Body Height	3.373m
Min Body Ground Clearance	0.329m
Track Width	2.550m
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	47.00°



0 10m

A4 1:200

A3 1:100

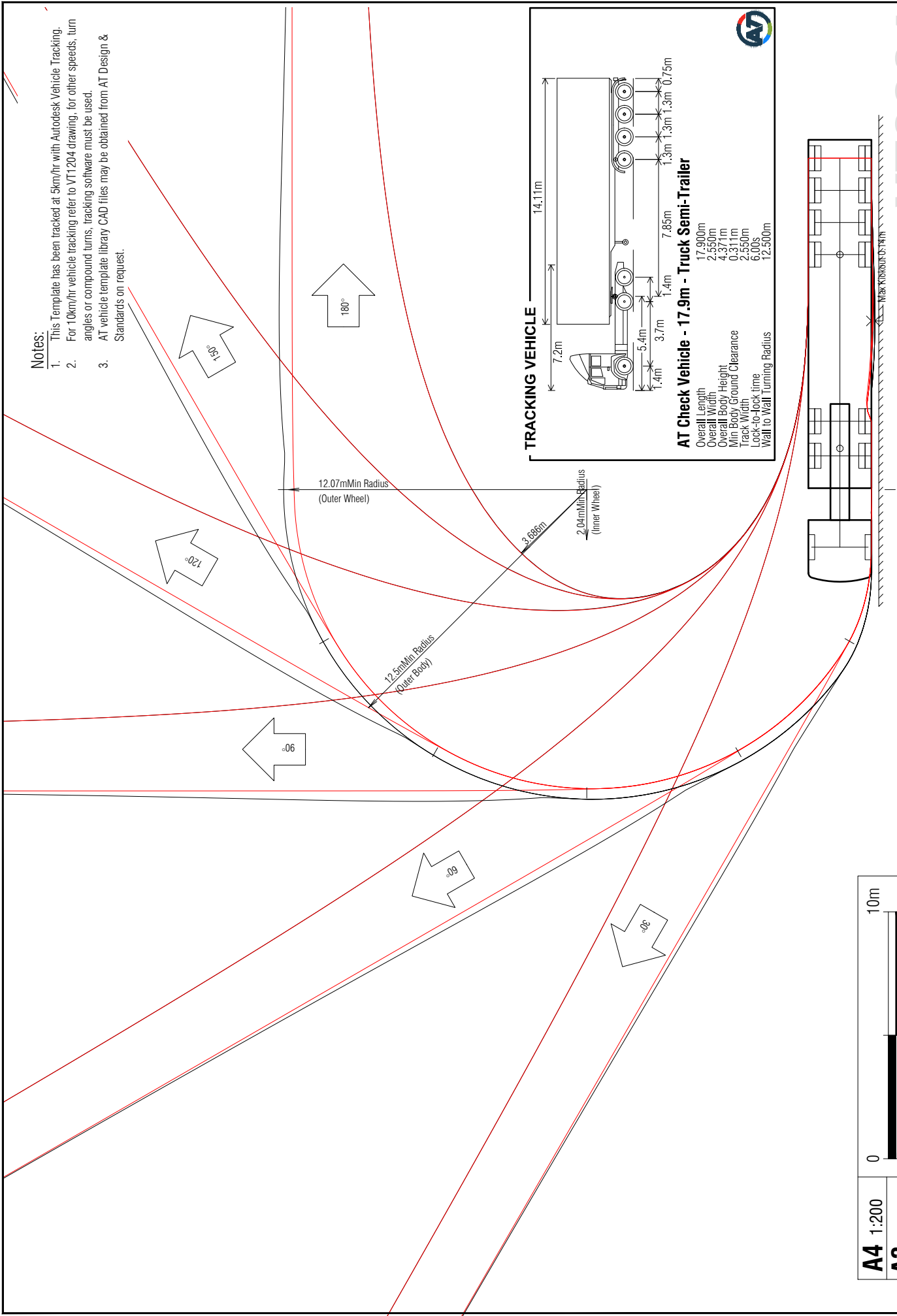
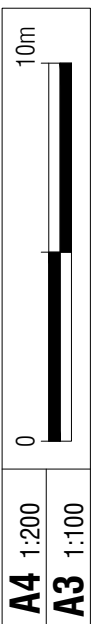


TDM TECHNICAL STANDARDS

AT Check Vehicle - 17.9m - Semi-Trailer

Date: 14/08/2024

SED No. VT0204 Version A



Notes:

1. This Template has been tracked at 5km/hr with Autodesk Vehicle Tracking.
2. For 10km/hr vehicle tracking refer to VT1 204 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

VT0204

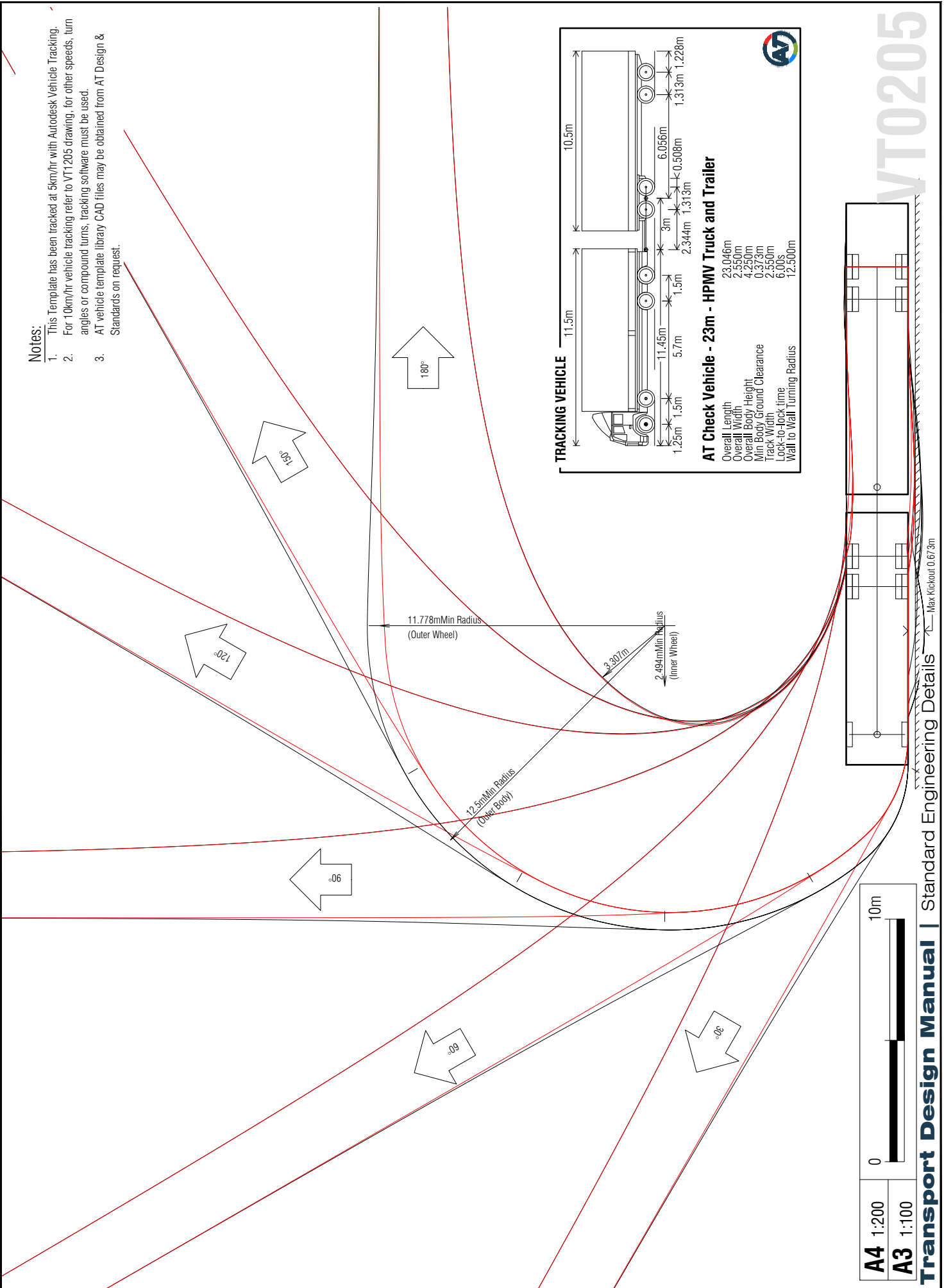


TDM TECHNICAL STANDARDS

AT Check Vehicle - 23m - HPMV Truck and Trailer

Date: 14/08/2024

SED No. VT0205 Version A



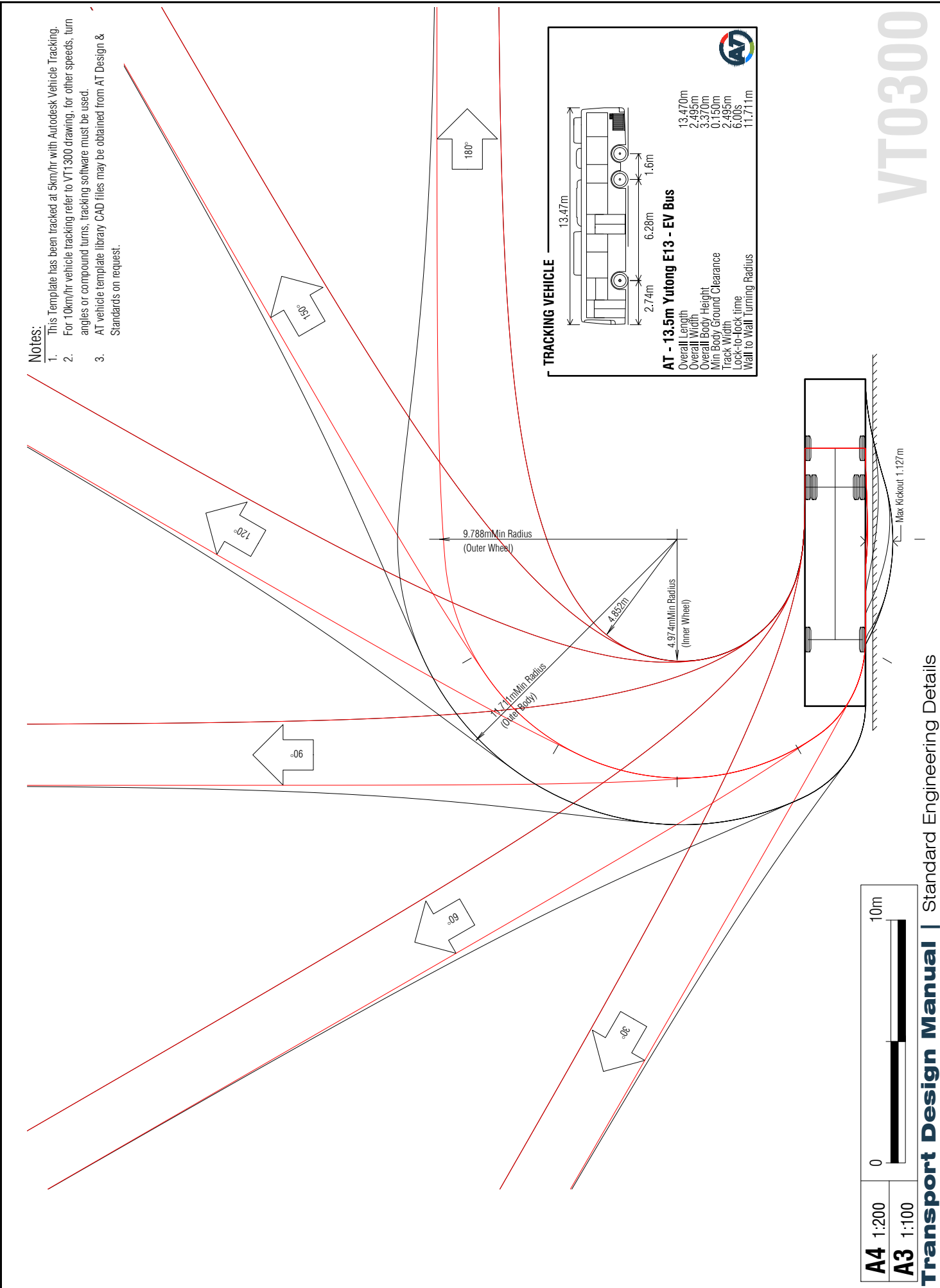
VT0205



TDM TECHNICAL STANDARDS

AT - 13.5m Yutong E13 - EV Bus

Date:	14/08/2024	
SED No.	VT0300	Version
		B

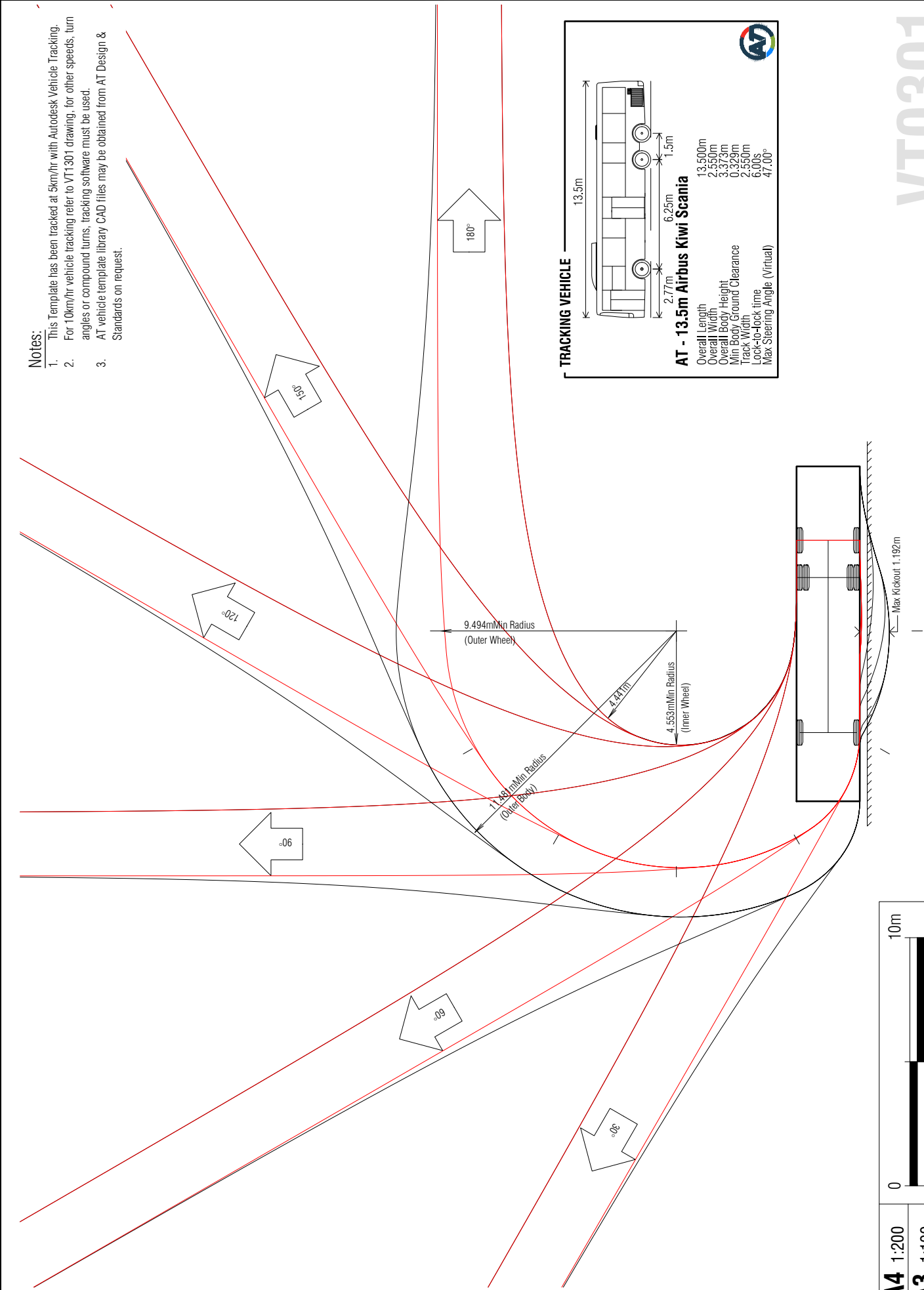




TDM TECHNICAL STANDARDS

AT - 13.5m Airbus Kiwi Scania

Date:	14/08/2024	
SED No.	VT0301	Version
	A	



Notes:

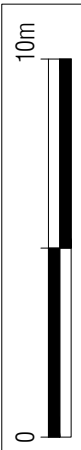
1. This Template has been tracked at 5km/hr with Autodesk Vehicle Tracking.
2. For 10km/hr vehicle tracking refer to VT1 301 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

TRACKING VEHICLE

AT - 13.5m Airbus Kiwi Scania

Overall Length	13.500m
Overall Width	2.350m
Overall Body Height	3.373m
Min Body Ground Clearance	0.329m
Track Width	2.350m
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	47.00°

VT0301



A4	1:200
A3	1:100



TDM TECHNICAL STANDARDS

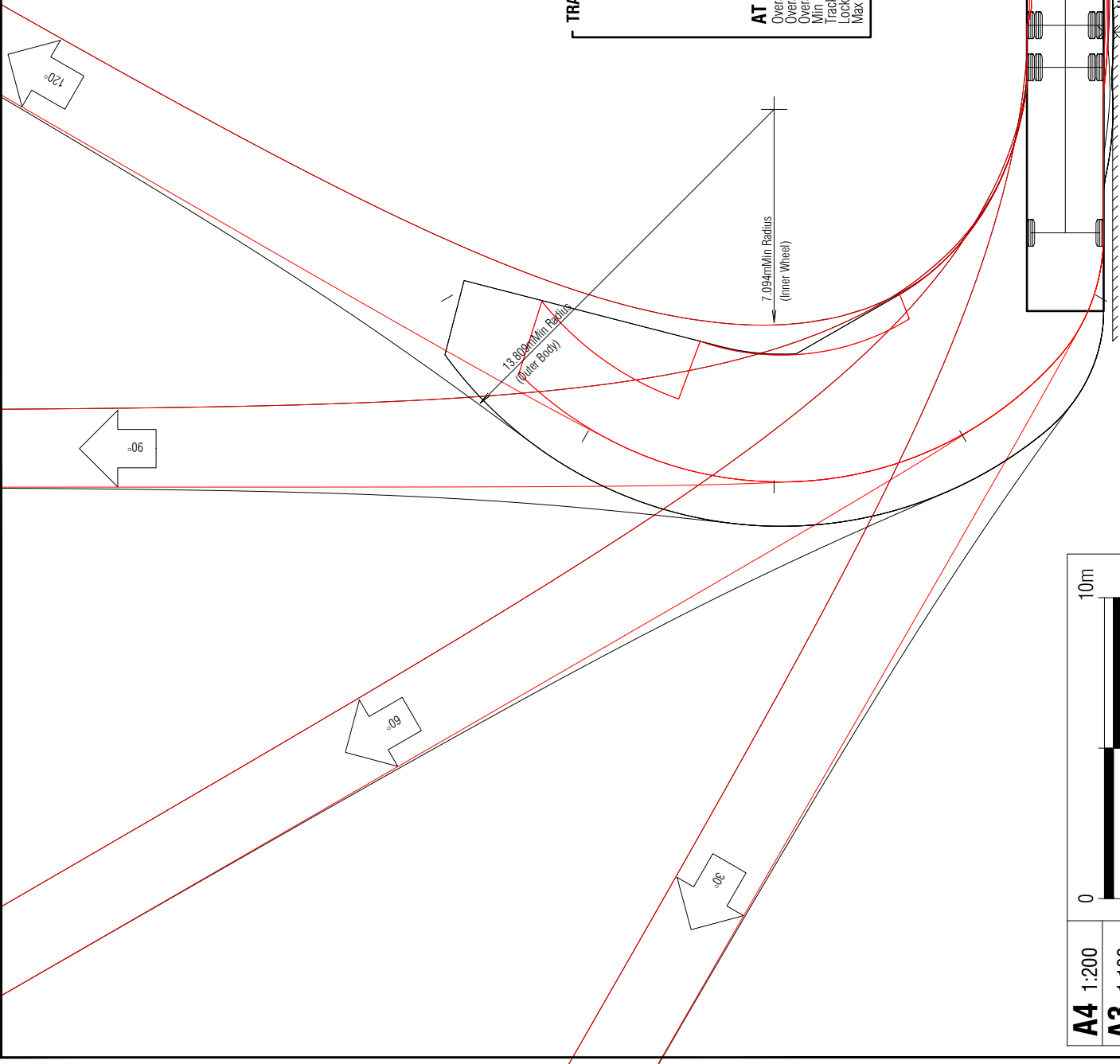
AT - 19.0m Articulated Bus

Date: 14/08/2024

SED No. Version

VT0302

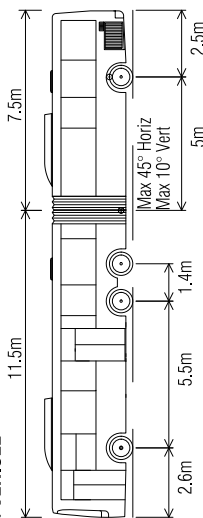
A



Notes:

1. This Template has been tracked at 5km/hr with Autodesk Vehicle Tracking.
2. For 10km/hr vehicle tracking refer to VT1 302 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

TRACKING VEHICLE



AT - 19.0m Articulated Bus

Overall Length	19.000m
Overall Width	2.550m
Overall Body Height	3.303m
Min Body Ground Clearance	0.259m
Track Width	2.550m
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	33.50°



0 10m

A4 1:200

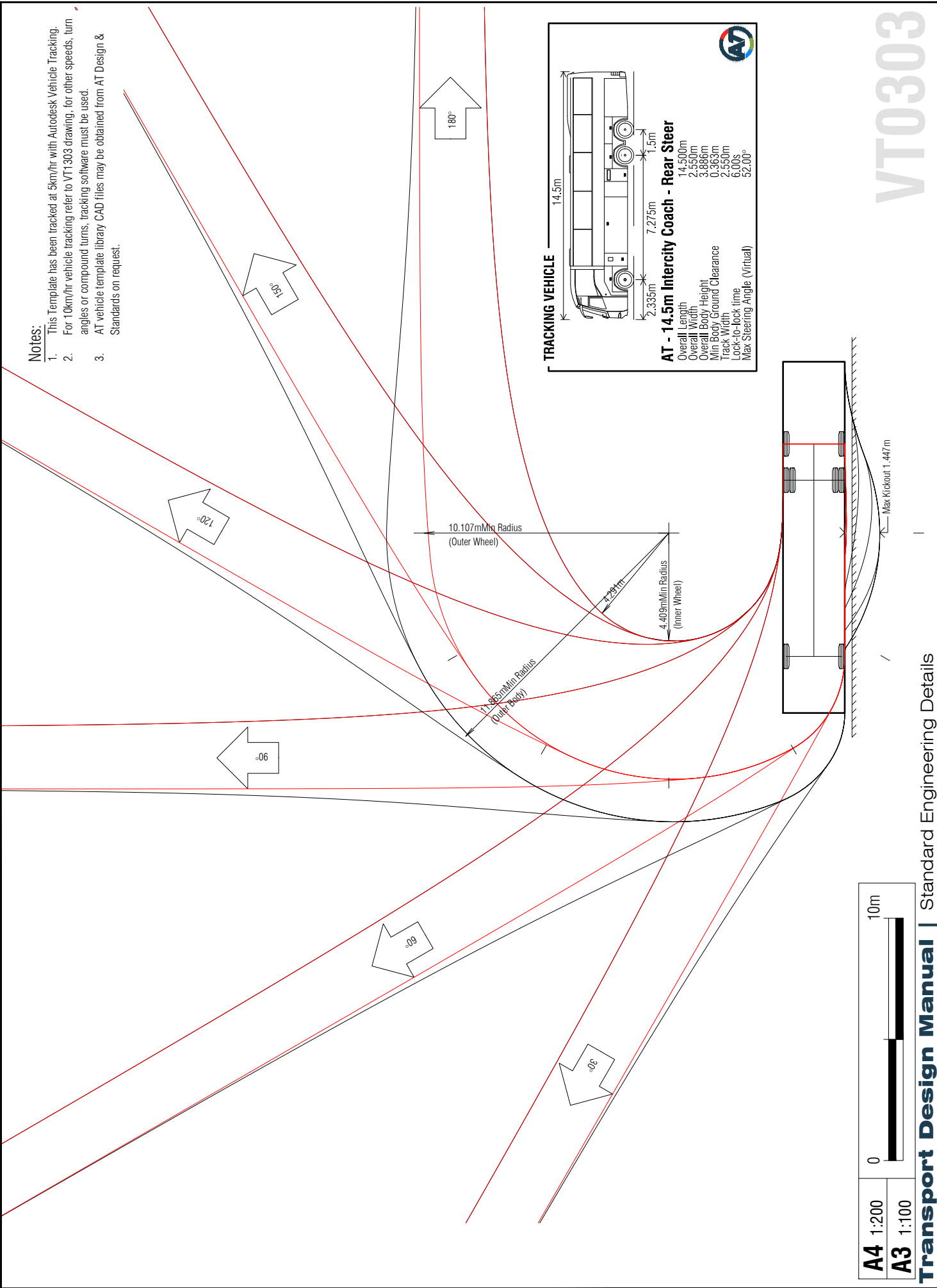
A3 1:100



TDM TECHNICAL STANDARDS

AT - 14.5m Intercity Coach - Rear Steer

Date: 14/08/2024
SED No. VT0303
Version A





TDM TECHNICAL STANDARDS

AT - 12.6m Scania Double Decker

Date: 14/08/2024

SED No. Version

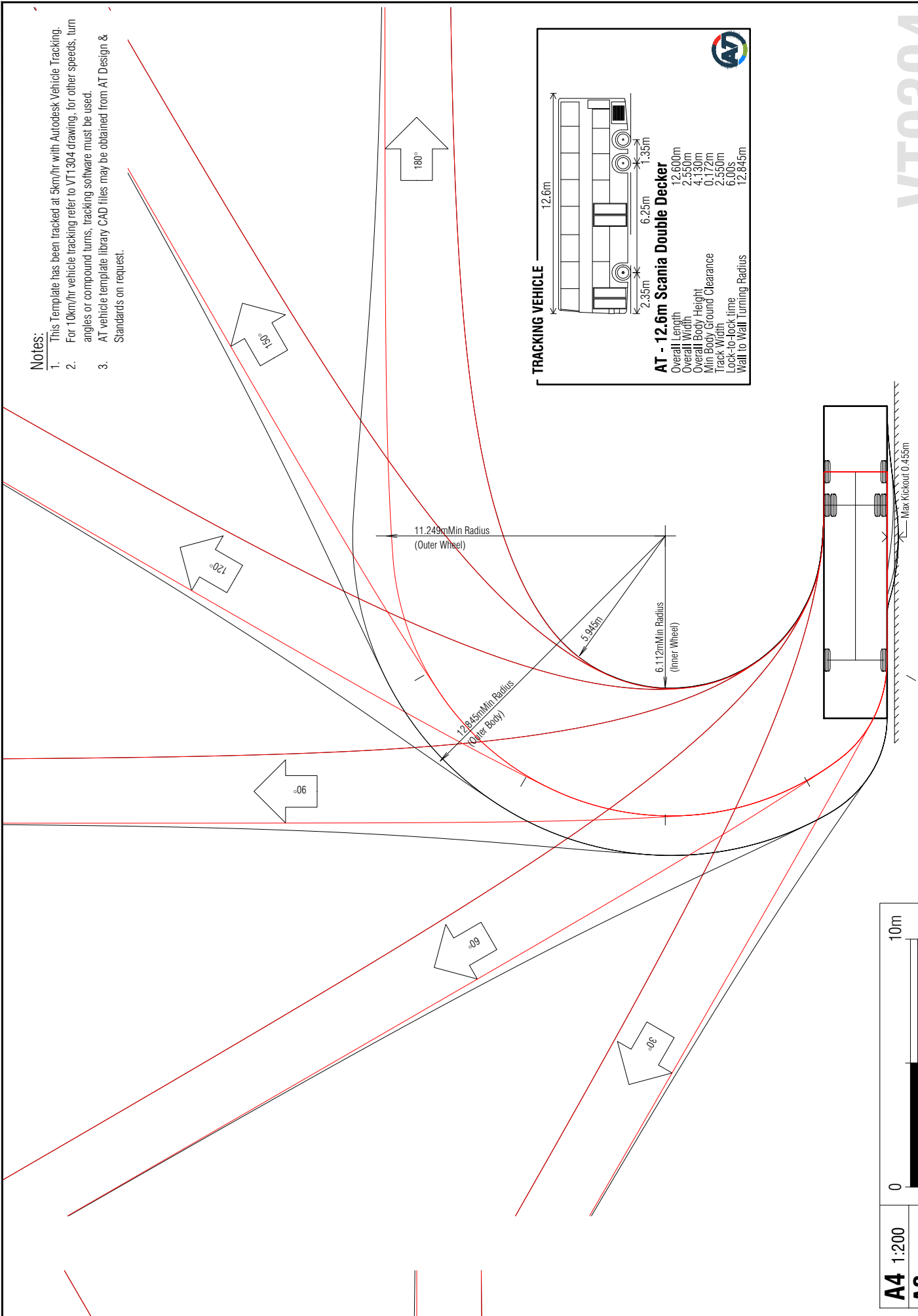
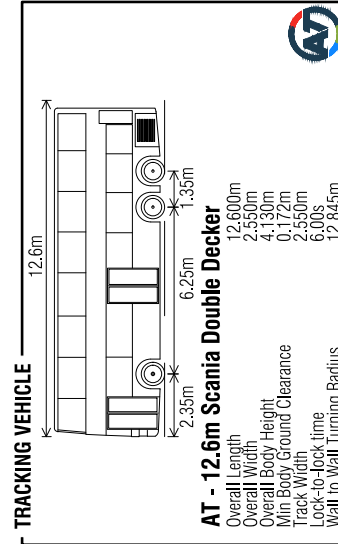
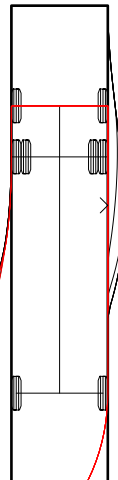
VT0304

A

A4 1:200
A3 1:100



Max Kickout 0.455m



Notes:

1. This Template has been tracked at 5km/hr with Autodesk Vehicle Tracking.
2. For 10km/hr vehicle tracking refer to VT1 304 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

VT0304



TDM TECHNICAL STANDARDS

AT - 11.6m Enviro200EV

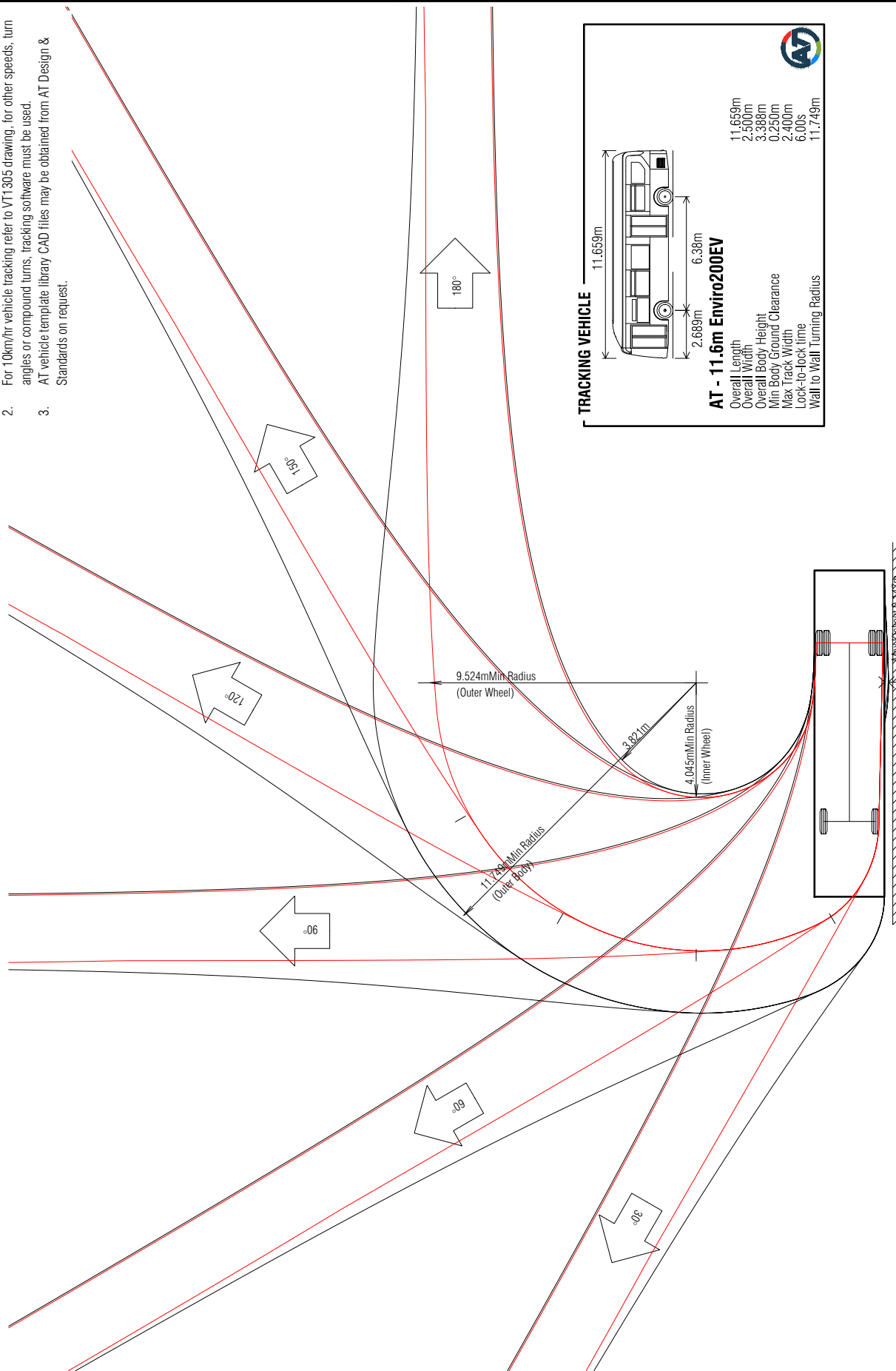
Date: 14/08/2024

SED No. VT0305

Version A

A4 1:200
A3 1:100

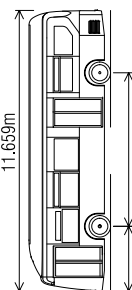
Transport Design Manual | Standard Engineering Details



Notes:

1. This Template has been tracked at 5km/hr with Autodesk Vehicle Tracking.
2. For 10km/hr vehicle tracking refer to VT1 305 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

TRACKING VEHICLE



AT - 11.6m Enviro200EV

Overall Length	11.659m
Overall Width	2.689m
Overall Body Height	6.38m
Min Body Ground Clearance	0.250m
Max Track Width	2.400m
Lock-to-lock time	6.00s
Wall to Wall Turning Radius	11.749m



VT0305



TDM TECHNICAL STANDARDS

AT - 11.3m Commuter Bus

Date: 14/08/2024

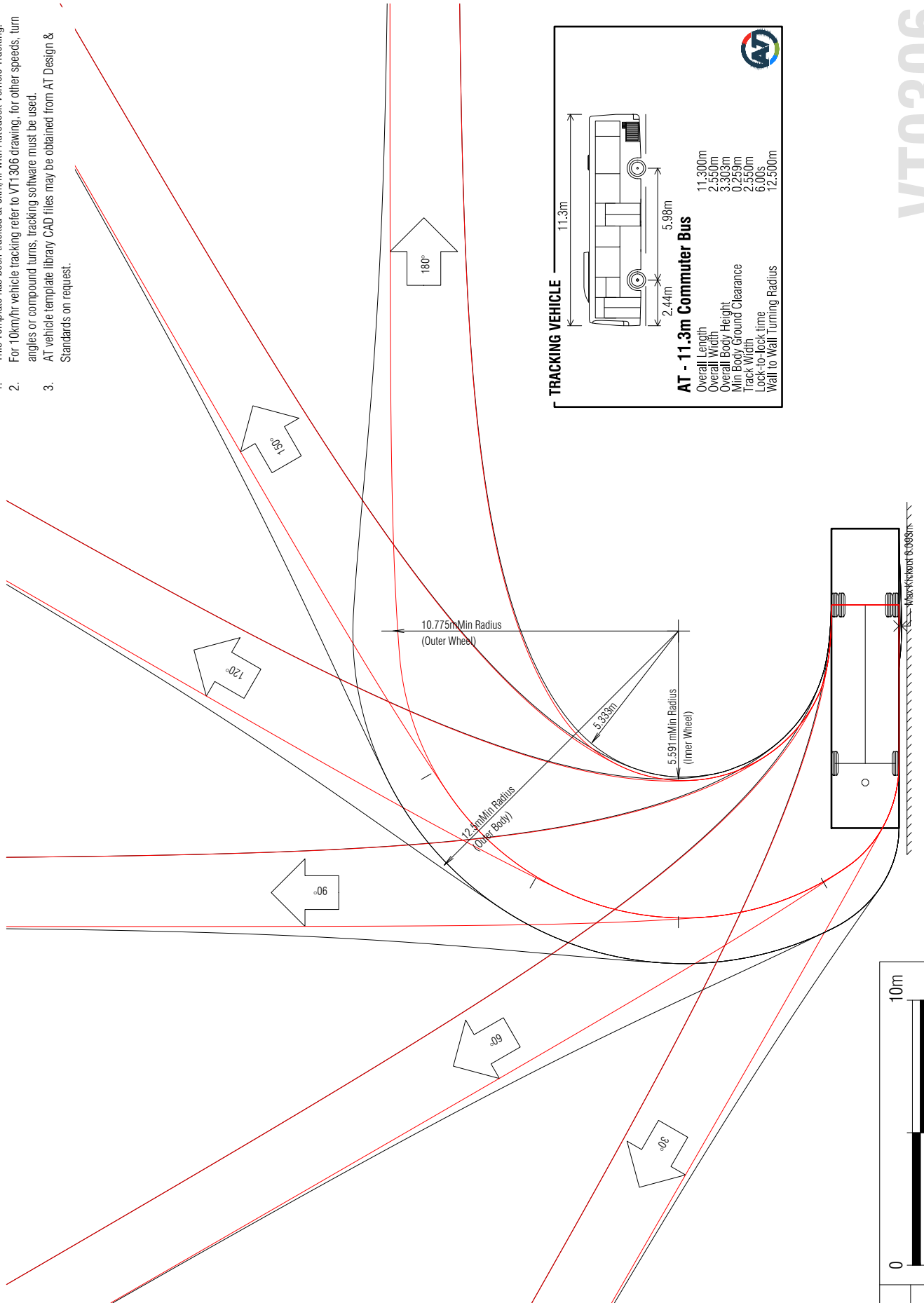
SED No. Version

VT0306

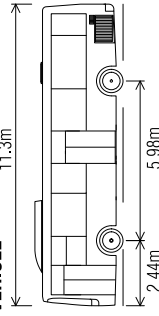
A

Notes:

1. This Template has been tracked at 5km/hr with Autodesk Vehicle Tracking.
2. For 10km/hr vehicle tracking refer to VT1 306 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.



TRACKING VEHICLE



AT - 11.3m Commuter Bus

Overall Length	11.300m
Overall Width	2.550m
Overall Body Height	3.303m
Min Body Ground Clearance	0.259m
Track Width	2.550m
Lock-to-lock time	6.00s
Wall to Wall Turning Radius	12.500m



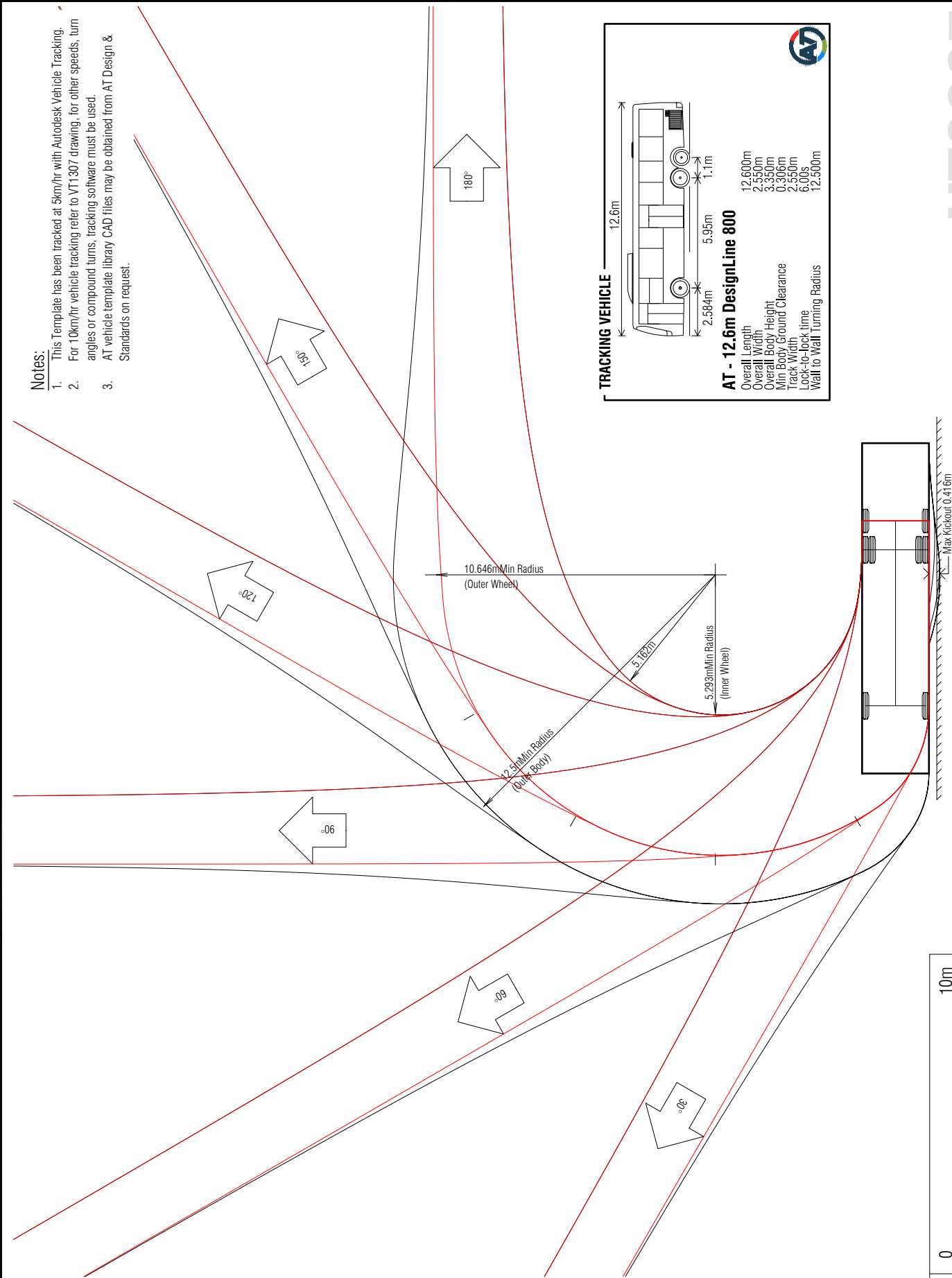
VT0306



TDM TECHNICAL STANDARDS

AT - 12.6m DesignLine 800

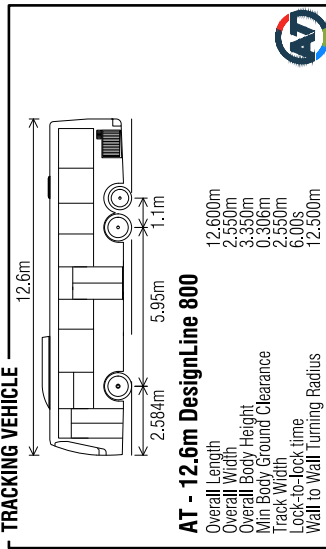
Date:	14/08/2024	
SED No.	VT0307	Version
	A	



Notes:

1. This Template has been tracked at 5km/hr with Autodesk Vehicle Tracking.
2. For 10km/hr vehicle tracking refer to VT1 307 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

TRACKING VEHICLE



10m

A4 1:200

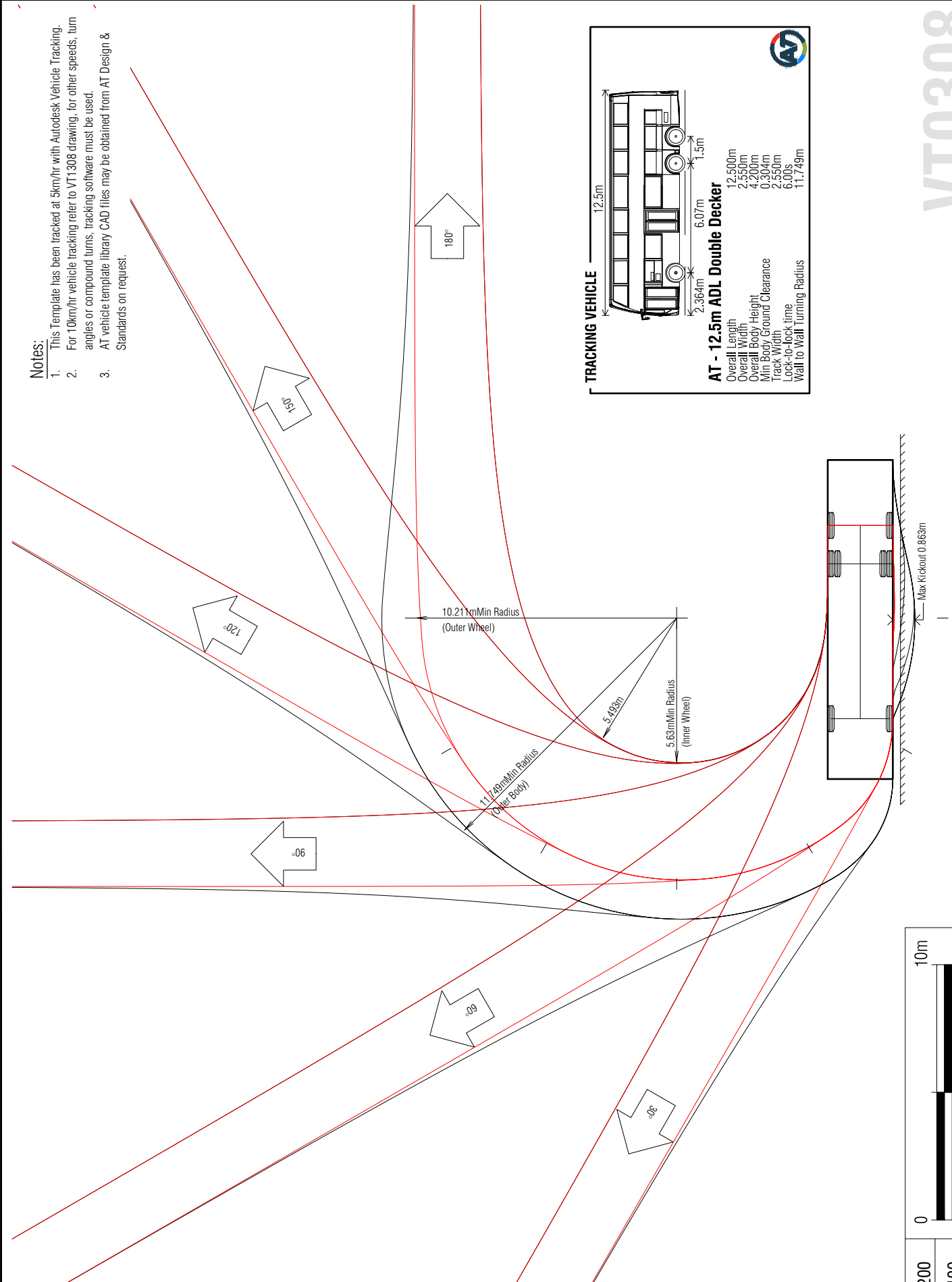
A3 1:100



TDM TECHNICAL STANDARDS

AT - 12.5m ADL Double Decker

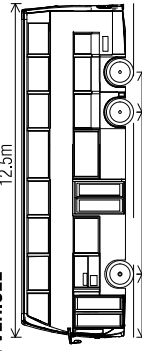
Date:	14/08/2024	
SED No.	VT0308	Version
	A	



Notes:

1. This Template has been tracked at 5km/hr with Autodesk Vehicle Tracking.
2. For 10km/hr vehicle tracking refer to VT1 308 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

TRACKING VEHICLE



AT - 12.5m ADL Double Decker

Overall Length	12.500m
Overall Width	2.550m
Overall Body Height	4.200m
Min Body Ground Clearance	0.304m
Track Width	2.364m
Lock-to-lock time	6.00s
Wall to Wall Turning Radius	11.749m



0 10m

A4 1:200

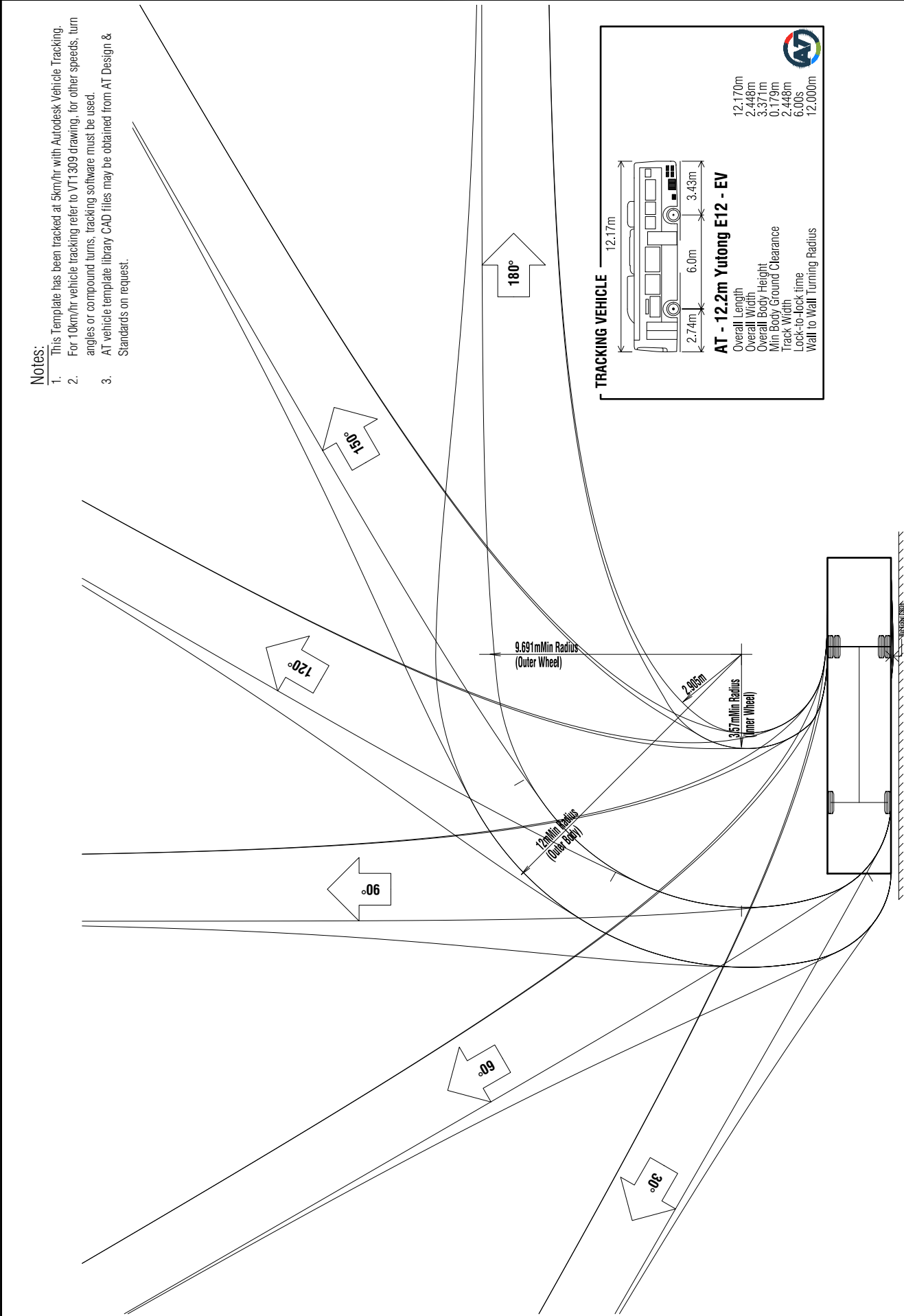
A3 1:100



TDM TECHNICAL STANDARDS

AT - 12.2m Yutong E12 - EV

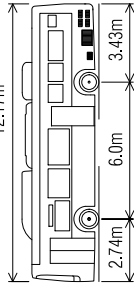
Date:	14/08/2024	
SED No.	VT0309	Version
	A	



Notes:

1. This Template has been tracked at 5km/hr with Autodesk Vehicle Tracking.
2. For 10km/hr vehicle tracking refer to VT1 309 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

TRACKING VEHICLE



AT - 12.2m Yutong E12 - EV

Overall Length	12.170m
Overall Width	2.448m
Overall Body Height	3.371m
Min Body Ground Clearance	0.179m
Track Width	2.448m
Lock-to-lock time	6.00s
Wall to Wall Turning Radius	12.000m



A4 1:200	0	10m
A3 1:100		



TDM TECHNICAL STANDARDS

NZTA - 1.6m - 95th Mobility Scooter

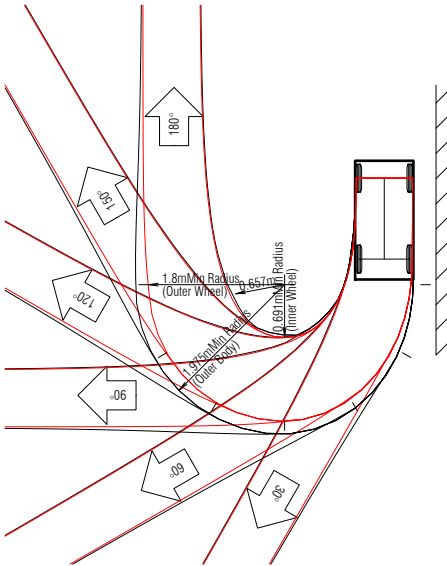
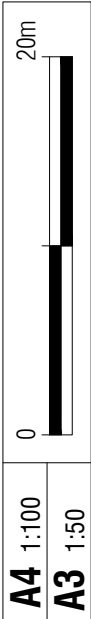
Date: 14/08/2024

SED No.

VT0400

Version

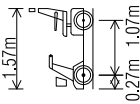
A



Notes:

1. This Template has been tracked at 5km/hr with Autodesk Vehicle Tracking.
2. For 10km/hr vehicle tracking refer to VT1400 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

TRACKING VEHICLE



NZTA - 1.6m - 95th Mobility Scooter

Overall Length	1.570m
Overall Width	0.770m
Overall Body Height	1.245m
Min Body Ground Clearance	0.185m
Max Track Width	0.750m
Lock-to-lock time	2.00s
Curb to Curb Turning Radius	1.800m



VT0400



TDM TECHNICAL STANDARDS

AT - 9.3m - 85th Car with VLT

Date: 14/08/2024

SED No.

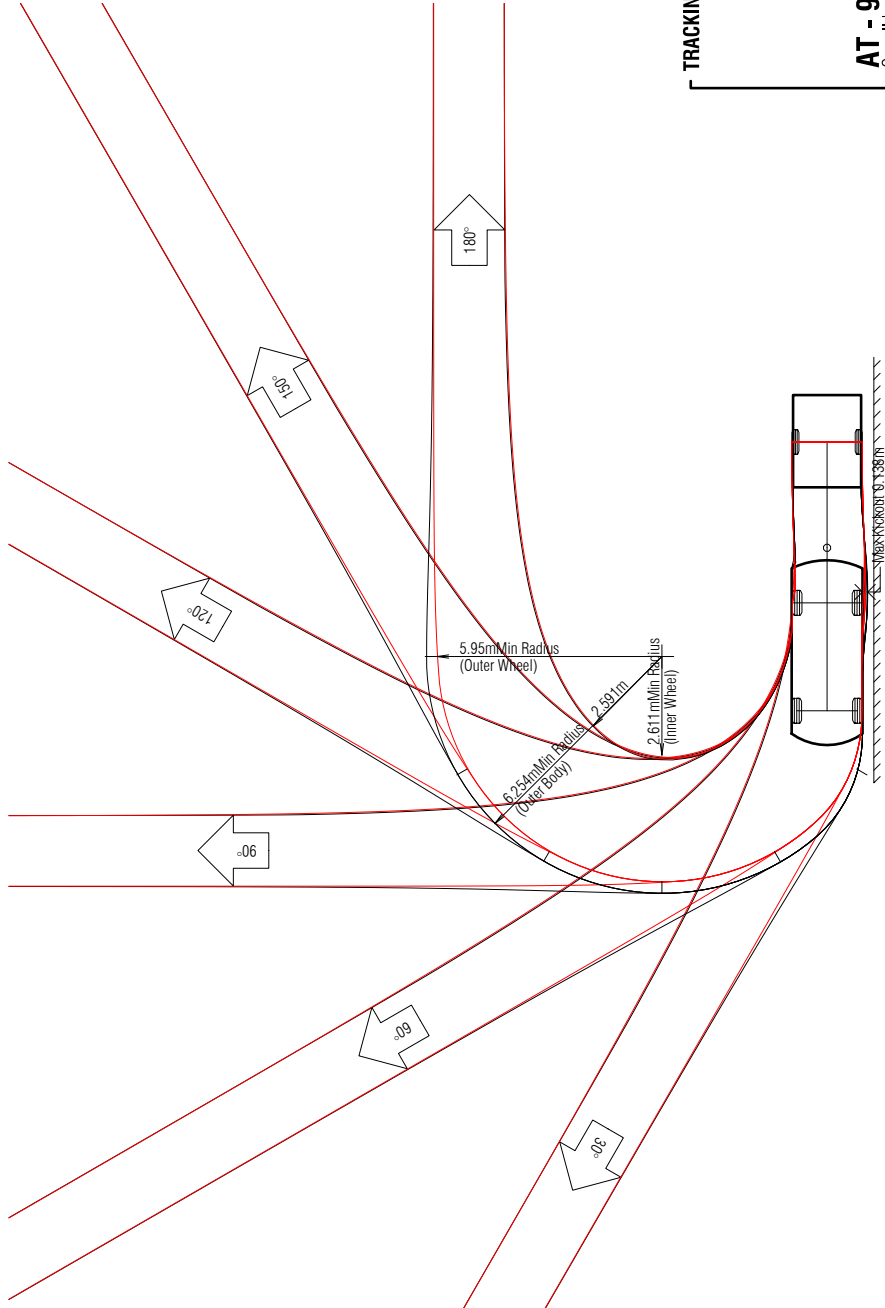
VT0401

Version

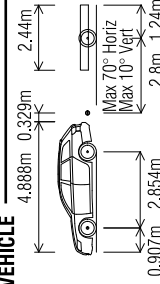
A

Notes:

1. This Template has been tracked at 5km/hr with Autodesk Vehicle Tracking.
2. For 10km/hr vehicle tracking refer to VT1 401 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.



TRACKING VEHICLE



AT - 9.3m - 85th Car with VLT

Overall Length	9.257m
Overall Width	1.874m
Overall Body Height	1.440m
Min Body Ground Clearance	0.138m
Max Track Width	1.860m
Lock-to-lock time	4.00s
Curb to Curb Turning Radius	5.950m



A4	1:200
A3	1:100

VT0401



TDM TECHNICAL STANDARDS

AT - 10.2m - 85th Car with Boat

Date: 14/08/2024

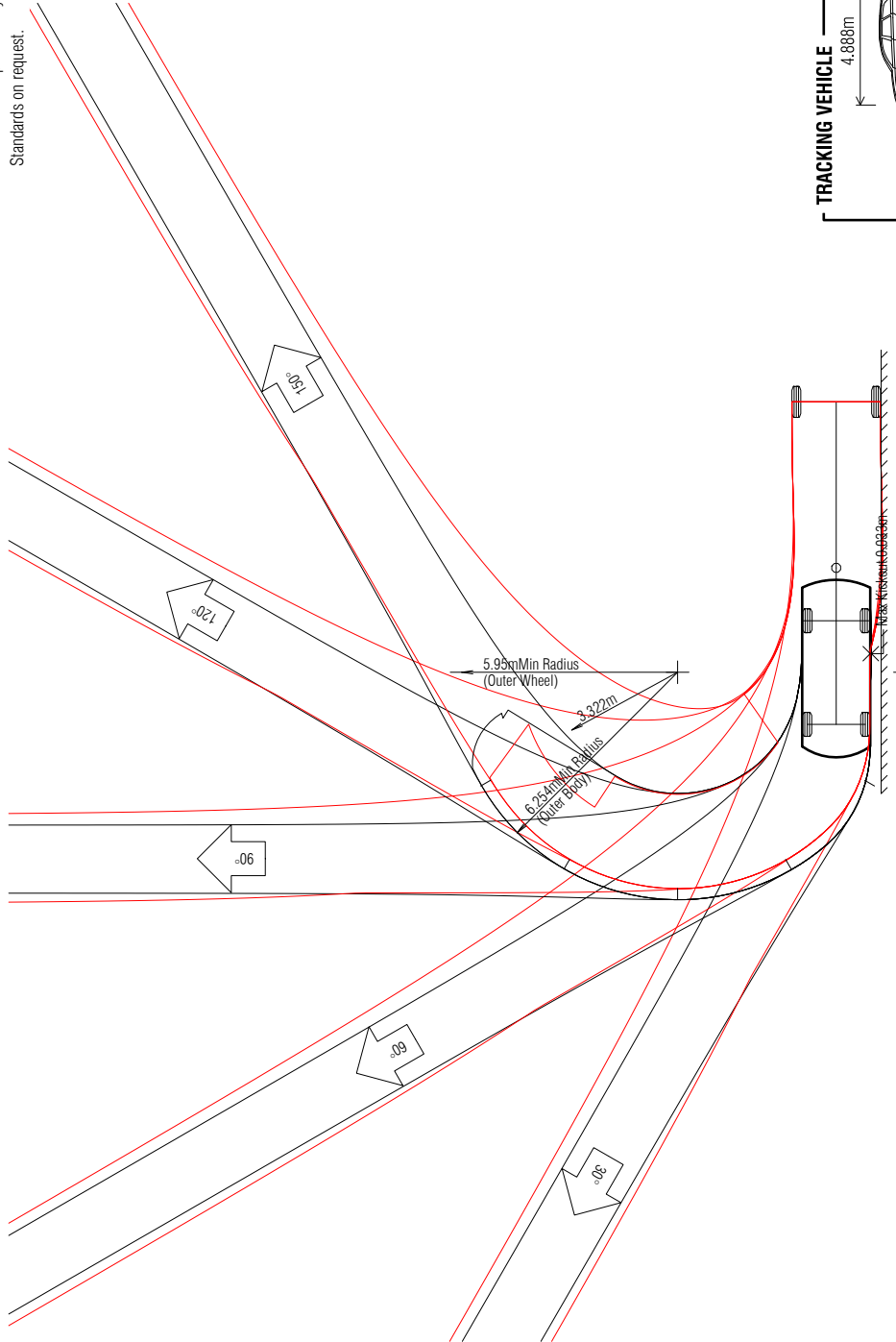
SED No. Version

VT0402

A

Notes:

1. This Template has been tracked at 5km/hr with Autodesk Vehicle Tracking.
2. For 10km/hr vehicle tracking refer to VT1 402 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.





TDM TECHNICAL STANDARDS

AT - 14.3m - 85th Car with Caravan

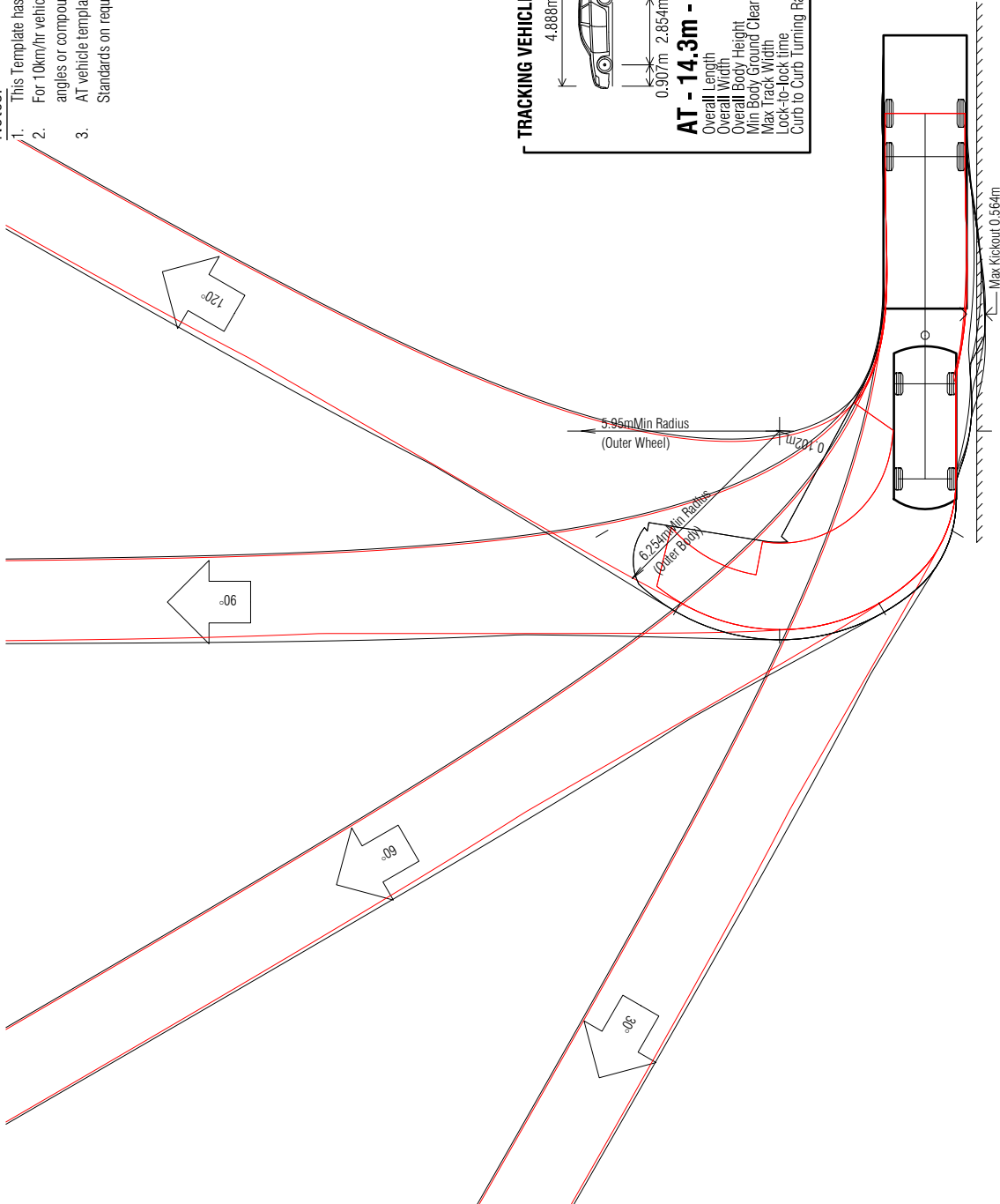
Date: 14/08/2024

SED No. Version

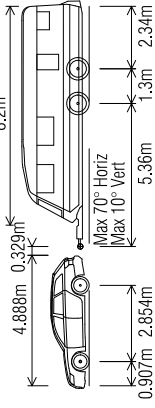
VT0403

A

- Notes:
1. This Template has been tracked at 5km/hr with Autodesk Vehicle Tracking.
 2. For 10km/hr vehicle tracking refer to VT1 403 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
 3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.



TRACKING VEHICLE



AT - 14.3m - 85th Car with Caravan

Overall Length 14.27m
Overall Width 2.50m
Overall Body Height 2.525m
Min Body Ground Clearance 0.138m
Max Track Width 2.400m
Lock-to-lock time 4.00s
Curb to Curb Turning Radius 5.950m

A4 1:200	0	10m
A3 1:100		

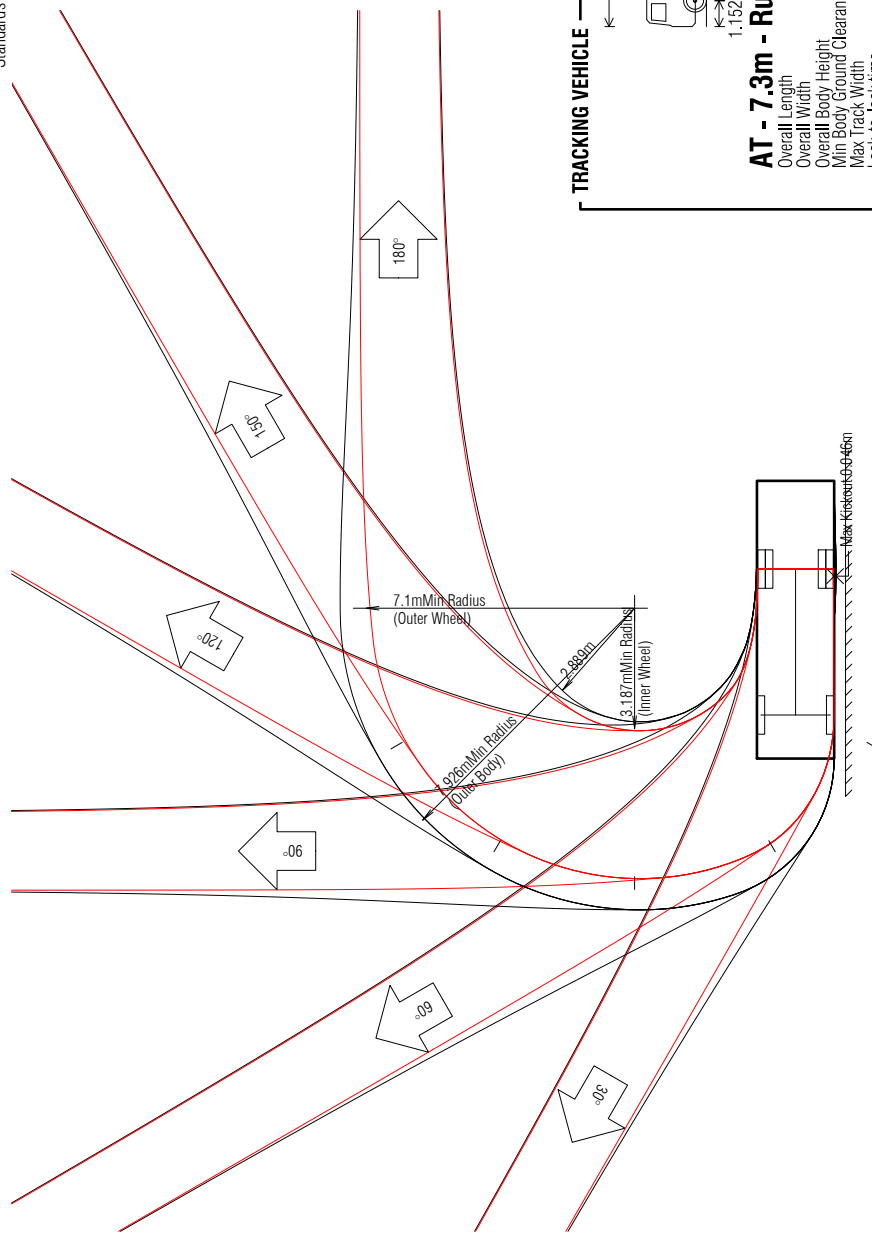
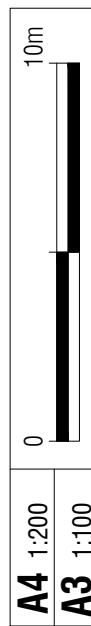


TDM TECHNICAL STANDARDS

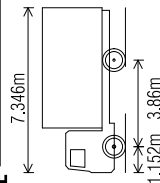
AT - 7.3m - Rubbish Truck- Rear load

Date: 14/08/2024

SED No. VT0404 Version A



TRACKING VEHICLE



AT - 7.3m - Rubbish Truck - Rear load

Overall Length	7.346m
Overall Width	2.043m
Overall Body Height	3.703m
Min Body Ground Clearance	0.498m
Max Track Width	2.043m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	7.100m



Notes:

1. This Template has been tracked at 5km/hr with Autodesk Vehicle Tracking.
2. For 10km/hr vehicle tracking refer to VT1404 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

VT0404



TDM TECHNICAL STANDARDS

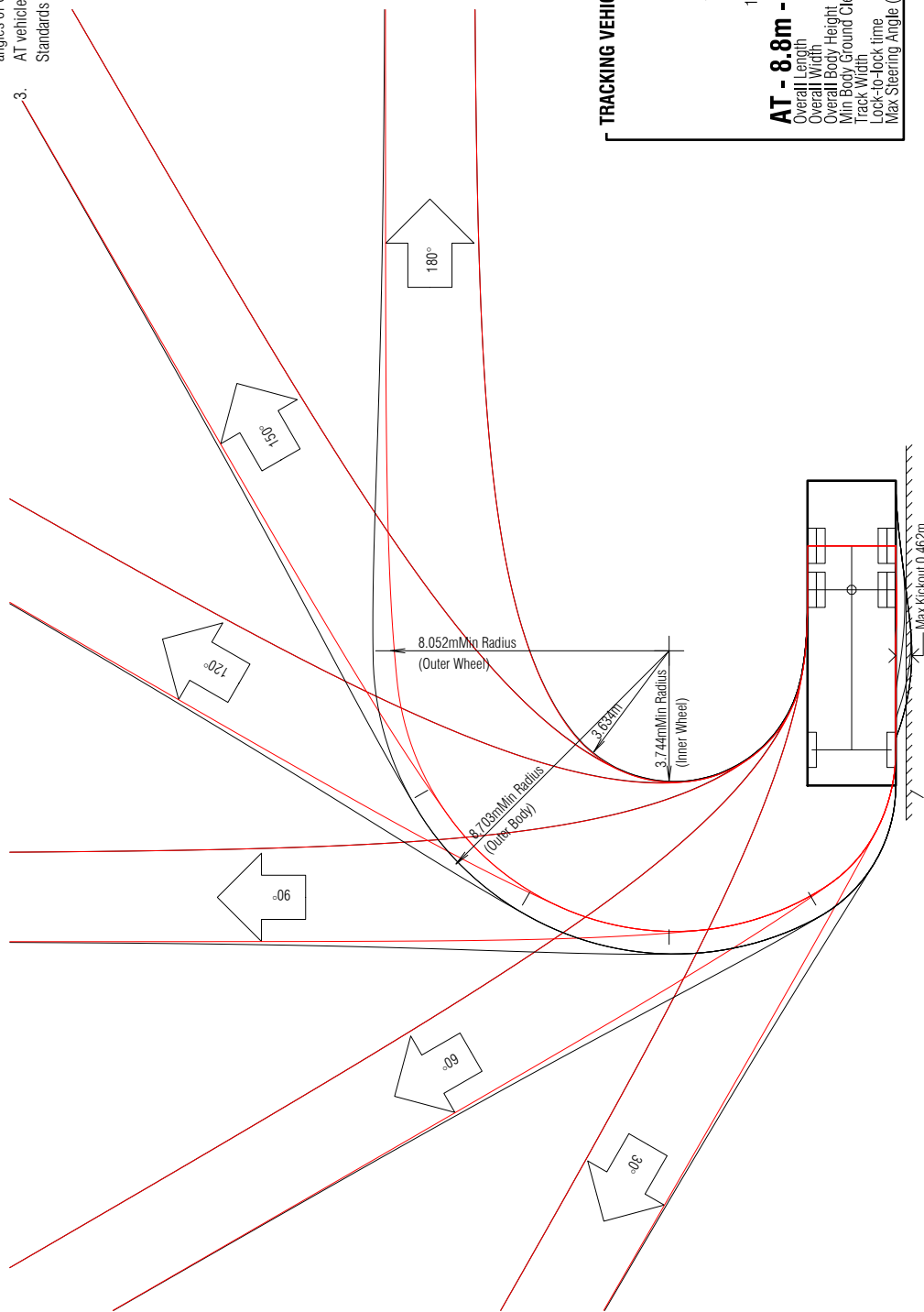
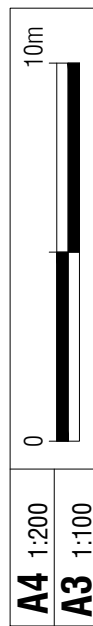
AT - 8.8m - Rubbish Truck - Side load - Rear Steer

Date: 14/08/2024

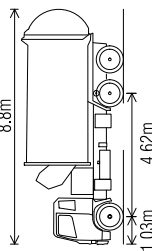
SED No. Version

VT0405

A



TRACKING VEHICLE



AT - 8.8m - Rubbish Truck - Side load

Overall Length 8.800m
Overall Width 2.550m
Overall Body Height 3.821m
Min Body Ground Clearance 0.443m
Track Width 2.550m
Lock-to-lock time 6.00s
Max Steering Angle (Virtual) 45.00°



Notes:

1. This Template has been tracked at 5km/hr with Autodesk Vehicle Tracking.
2. For 10km/hr vehicle tracking refer to VT1 405 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

VT0405

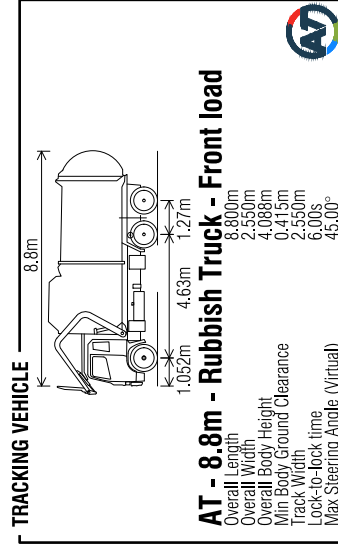
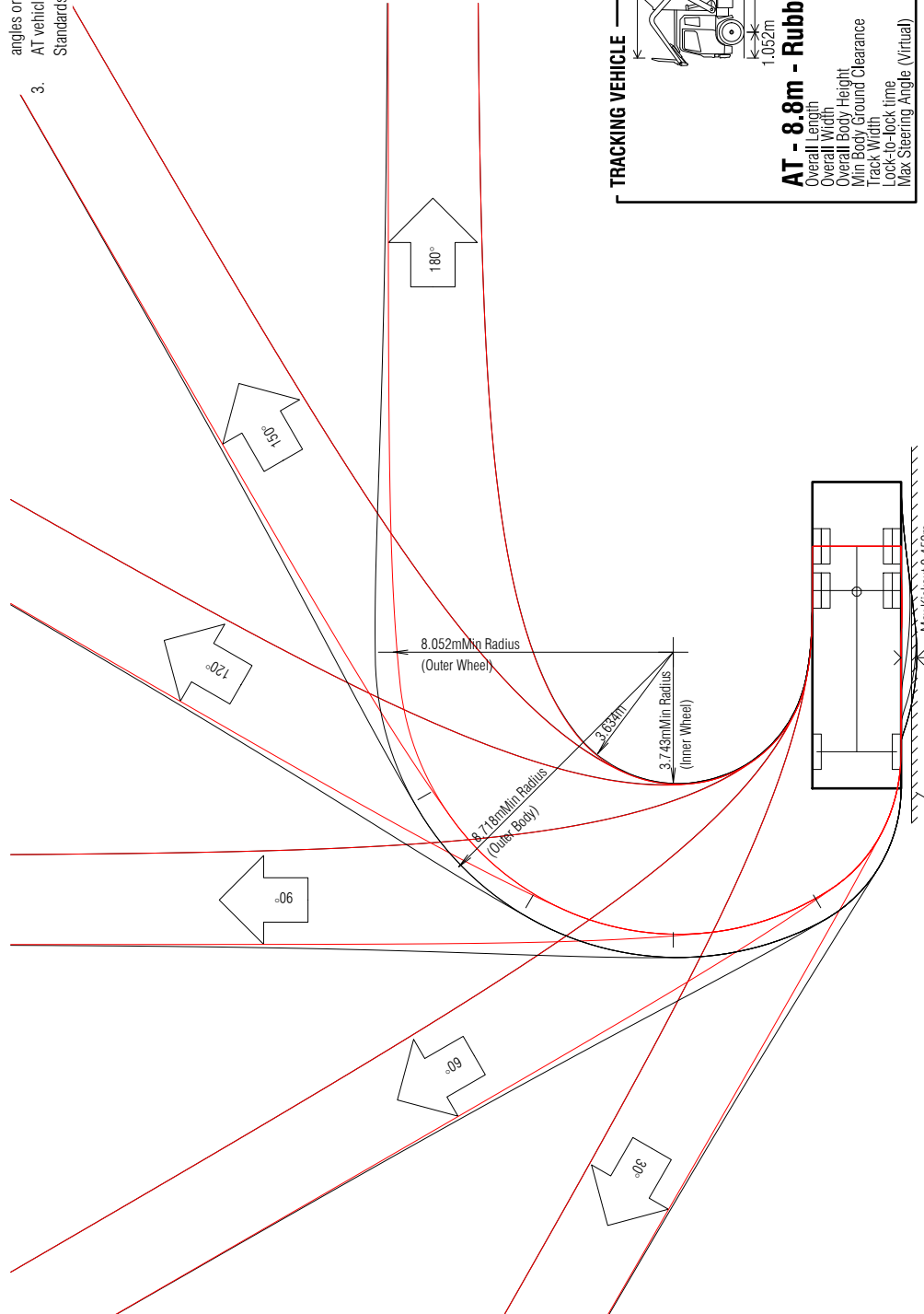
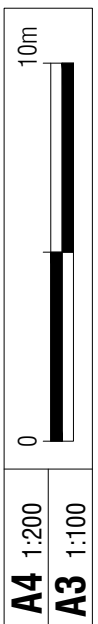


TDM TECHNICAL STANDARDS

AT - 8.8m - Rubbish Truck- Front load - Fixed Rear

Date: 14/08/2024

SED No. VT0406 Version A



Notes:

1. This Template has been tracked at 5km/hr with Autodesk Vehicle Tracking.
2. For 10km/hr vehicle tracking refer to VT1 406 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

VT0406



TDM TECHNICAL STANDARDS

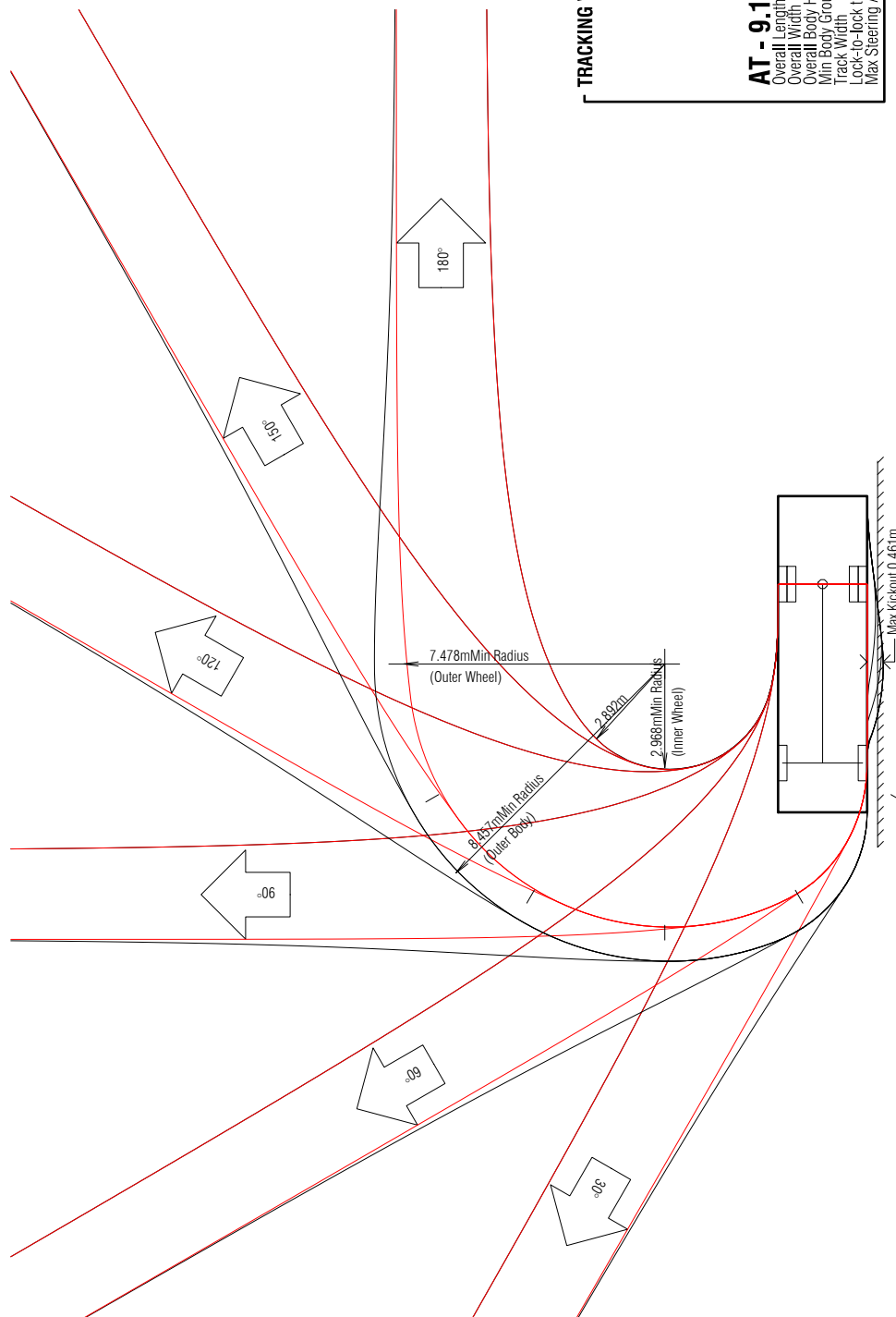
AT - 9.1m - Fire Truck - STD Pumper

Date:	14/08/2024	
SED No.	VT0407	Version
	A	

A4	1:200	
A3	1:100	

Notes:

1. This Template has been tracked at 5km/hr with Autodesk Vehicle Tracking.
2. For 10km/hr vehicle tracking refer to VT1 407 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.



TRACKING VEHICLE

AT - 9.1m - Fire Truck - STD Pumper
Overall Length 9.050m
Overall Width 2.550m
Min Body Height 3.246m
Min Body Ground Clearance 0.274m
Track Width 2.550m
Lock-to-lock time 6.00s
Max Steering Angle (Virtual) 49.70°

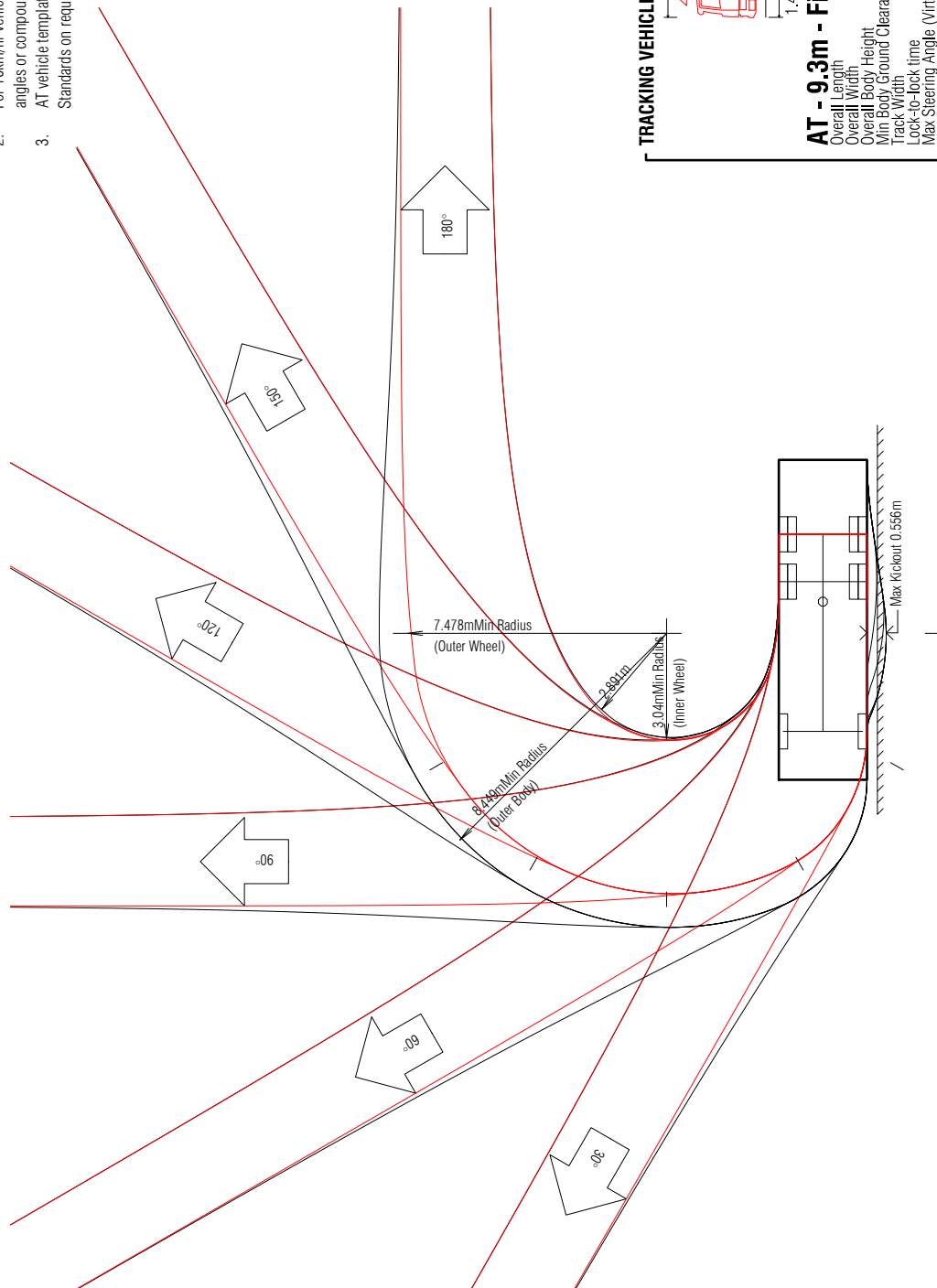


TDM TECHNICAL STANDARDS

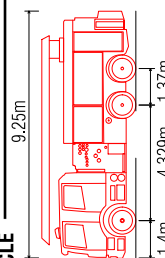
AT - 9.3m - Fire Truck - Aerial unit

Notes:

1. This Template has been tracked at 5km/hr with Autodesk Vehicle Tracking.
2. For 10km/hr vehicle tracking refer to VT1 408 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.



TRACKING VEHICLE



AT - 9.3m - Fire Truck - Aerial unit

Overall Length	9.250m
Overall Width	2.550m
Overall Body Height	3.524m
Min Body Ground Clearance	0.274m
Track Width	2.550m
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	49.70°



A4	1:200	0	10m
A3	1:100		

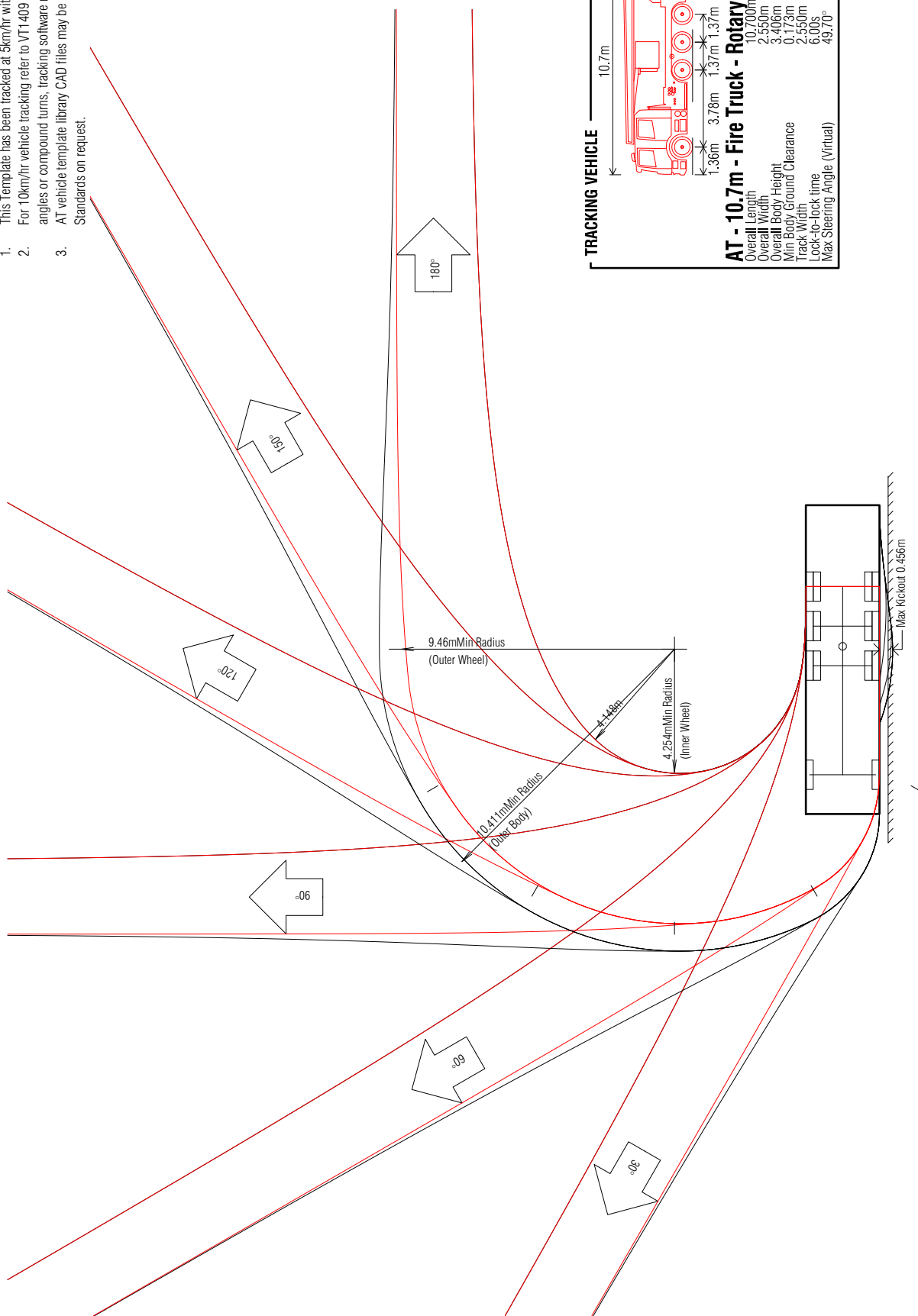


TDM TECHNICAL STANDARDS

AT - 10.7m - Fire Truck - Rotary Ladder

Date: 14/08/2024

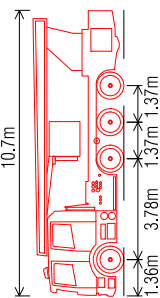
SED No. VT0409 Version A



Notes:

1. This Template has been tracked at 5km/hr with Autodesk Vehicle Tracking.
2. For 10km/hr vehicle tracking refer to VT1 409 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

TRACKING VEHICLE



AT - 10.7m - Fire Truck - Rotary Ladder Truck

Overall Length	10.700m
Overall Width	2.550m
Overall Body Height	3.406m
Min Body Ground Clearance	0.173m
Track Width	2.550m
Lock-to-Lock time	6.00s
Max Steering Angle (Virtual)	49.70°



VT0409



TDM TECHNICAL STANDARDS

AT - 11.5m - Truck - Dual Front

Date: 14/08/2024

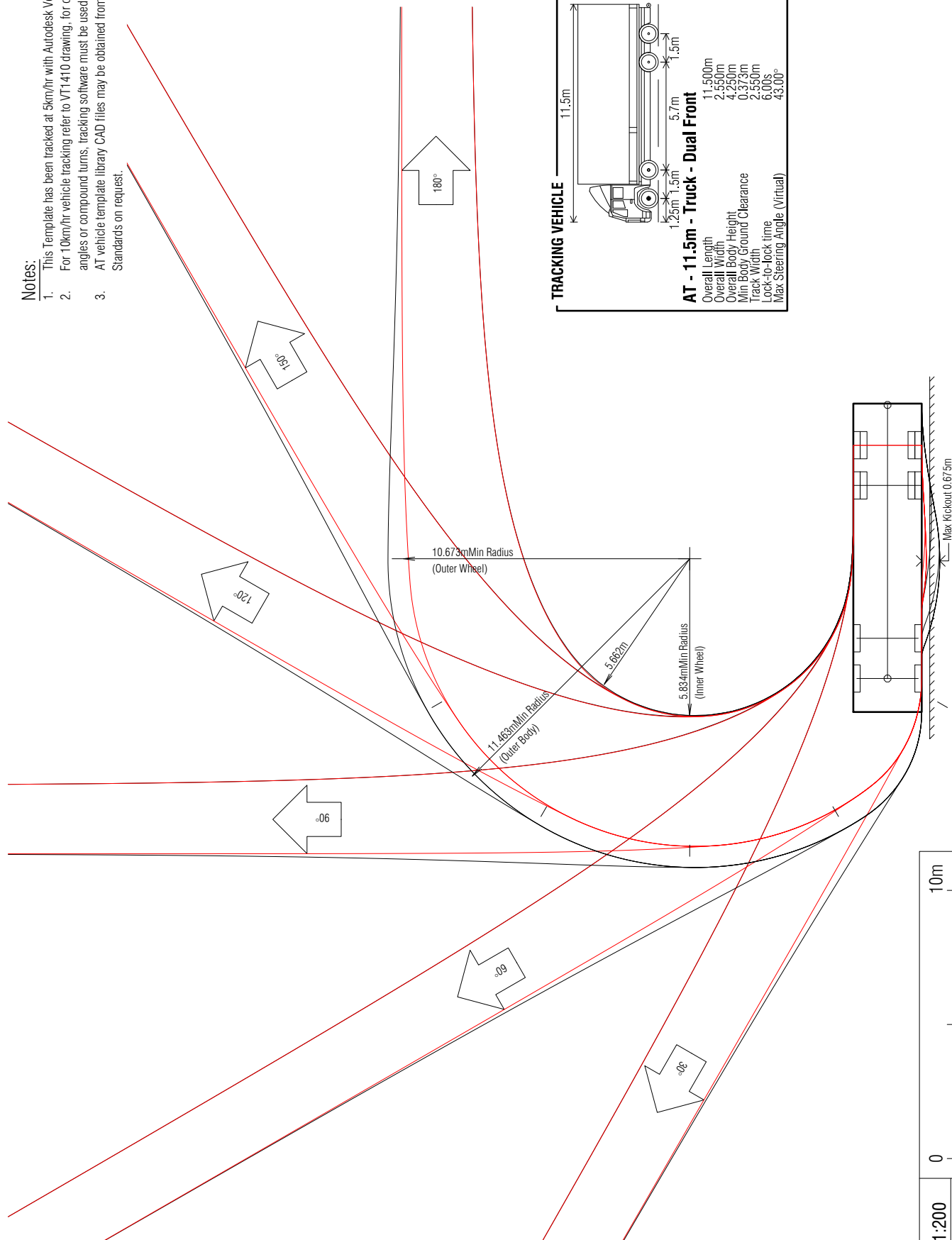
SED No. Version

VT0410

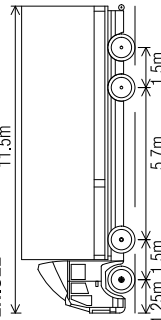
A

Notes:

1. This Template has been tracked at 5km/hr with Autodesk Vehicle Tracking.
2. For 10km/hr vehicle tracking refer to VT1 410 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.



TRACKING VEHICLE



AT - 11.5m - Truck - Dual Front

Overall Length	11.500m
Overall Width	2.550m
Overall Body Height	4.250m
Min Body Ground Clearance	0.373m
Track Width	2.550m
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	43.00°



VT0410



TDM TECHNICAL STANDARDS

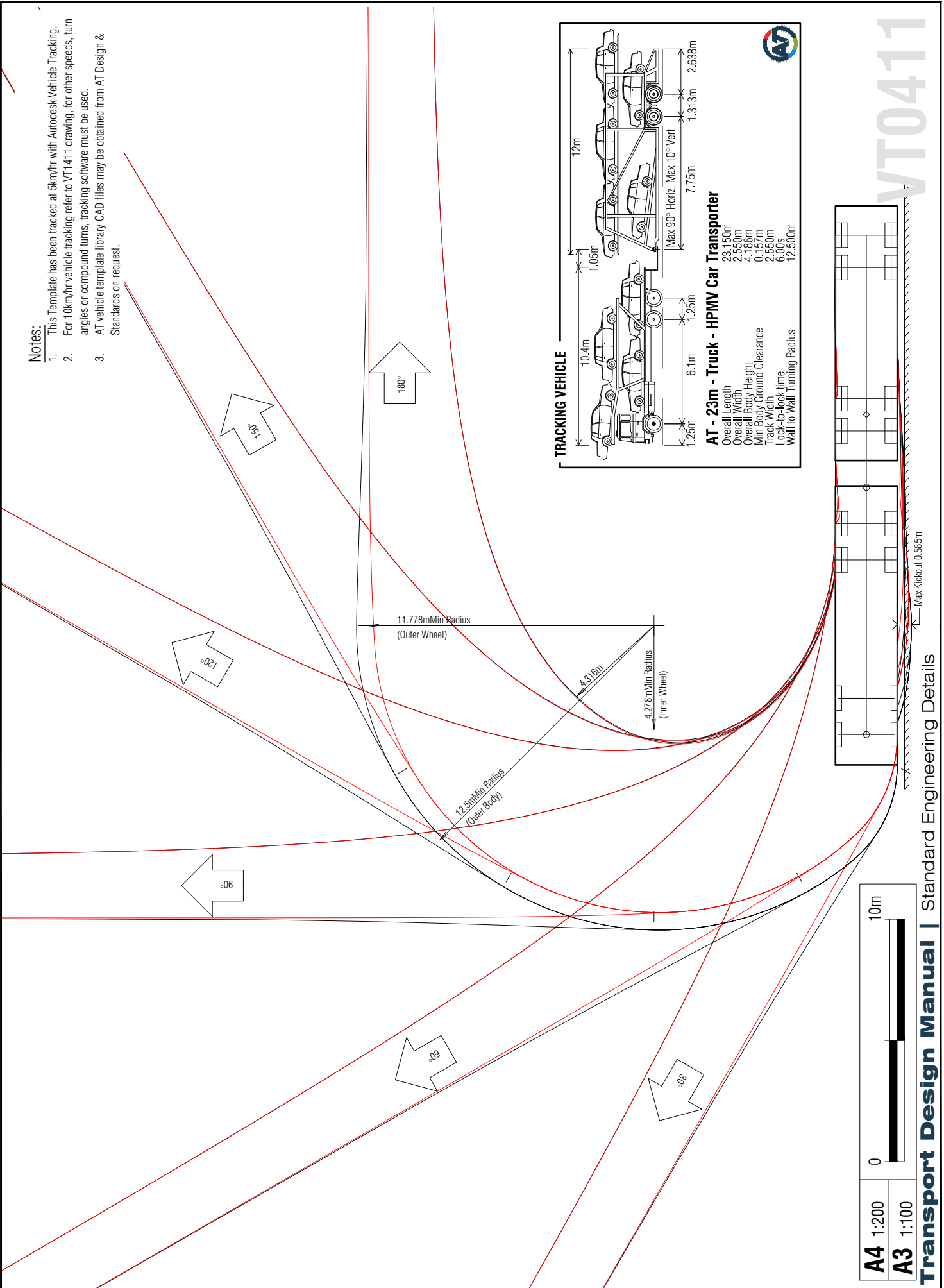
AT - 23m - Truck- HPMV Car Transporter

Date: 14/08/2024

SED No. Version

VT0411

A



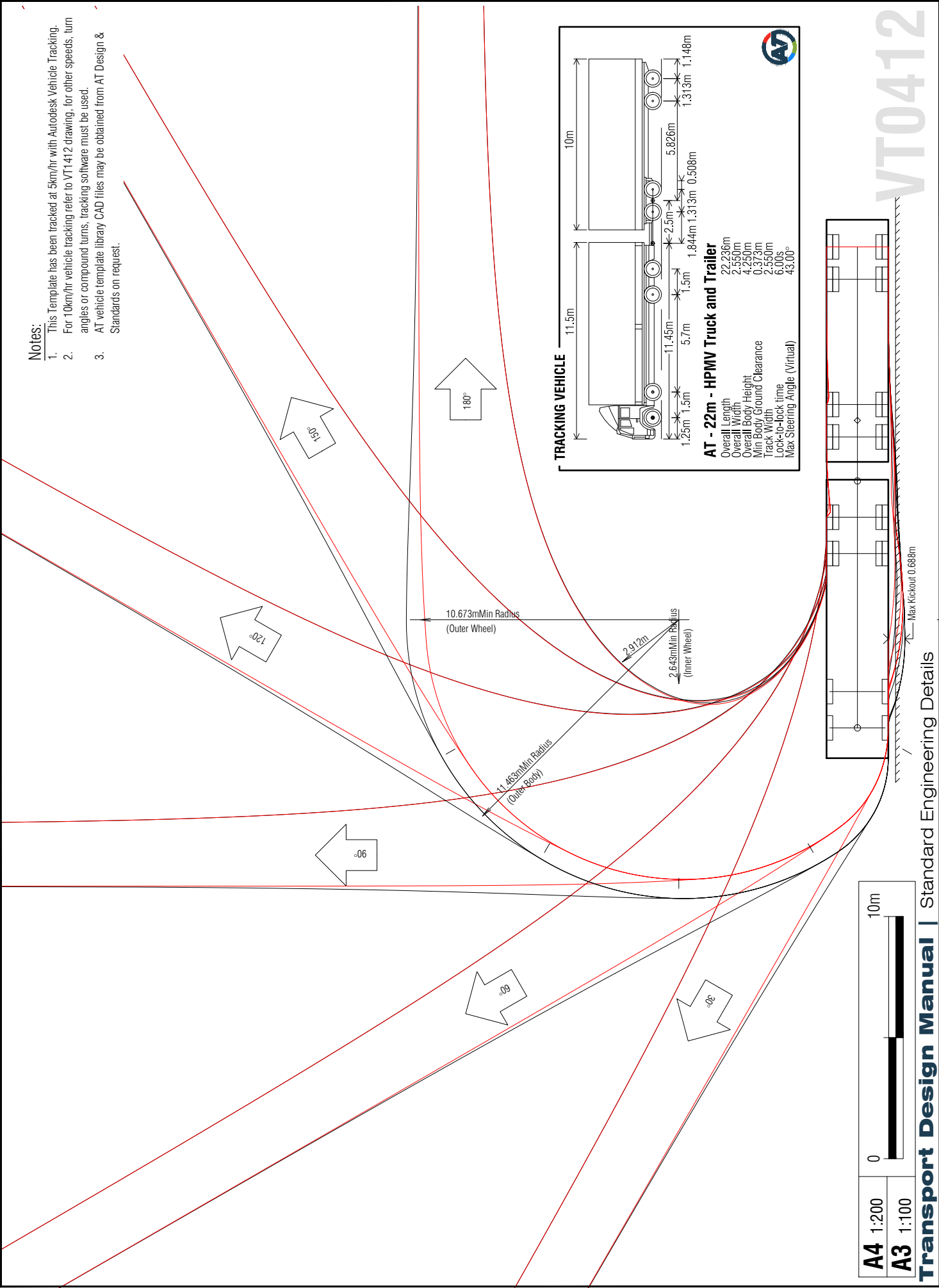


TDM TECHNICAL STANDARDS

AT - 22m - HPMV Truck and Trailer

Date: 14/08/2024

SED No. VT0412 Version A

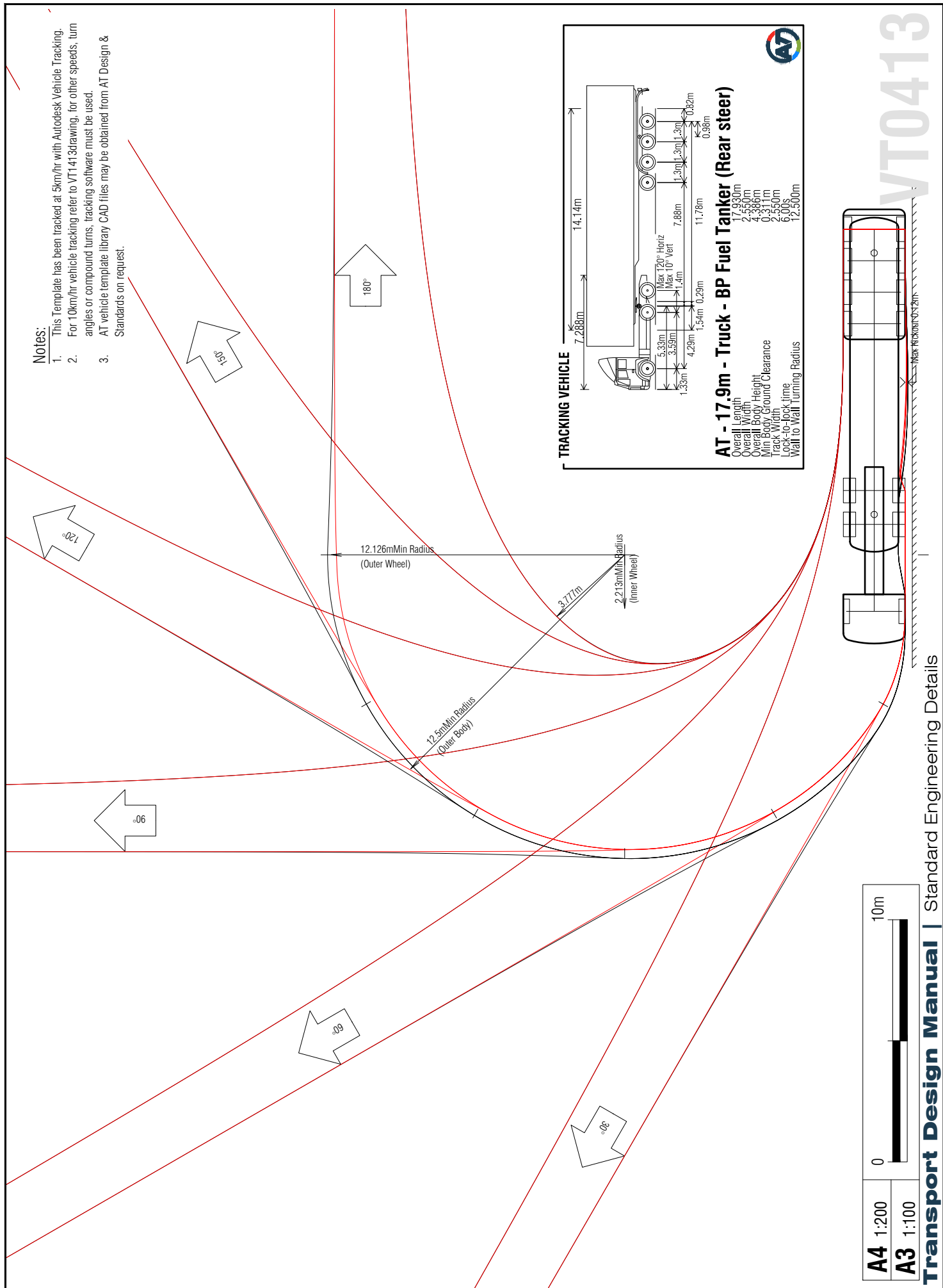




TDM TECHNICAL STANDARDS

AT - 17.9m - Truck - BP Fuel Tanker (Rear steer)

Date:	14/08/2024	
SED No.	VT0413	Version
A4	1:200	A
A3	1:100	





TDM TECHNICAL STANDARDS

AT - 22m - Truck - Fuel Tanker

Date: 14/08/2024

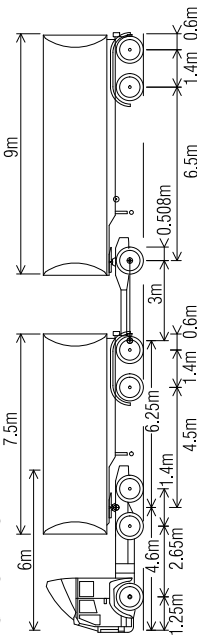
SED No. Version

VT0414 A

Notes:

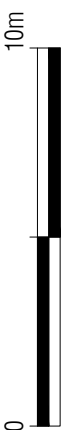
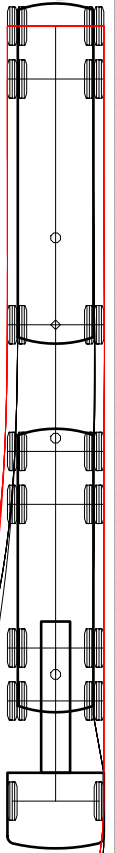
1. This Template has been tracked at 5km/hr with Autodesk Vehicle Tracking.
2. For 10km/hr vehicle tracking refer to VT1414 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

TRACKING VEHICLE



AT - 22m - Truck - Fuel Tanker

Overall Length	22.350m
Overall Width	2.550m
Overall Body Height	3.750m
Min Body Ground Clearance	0.311m
Track Width	2.550m
Lock-to-lock time	6.00s
Wall to Wall Turning Radius	12.000m



A4 1:200

A3 1:100



TDM TECHNICAL STANDARDS

AT Design Vehicle - 4.9m - 85th Car

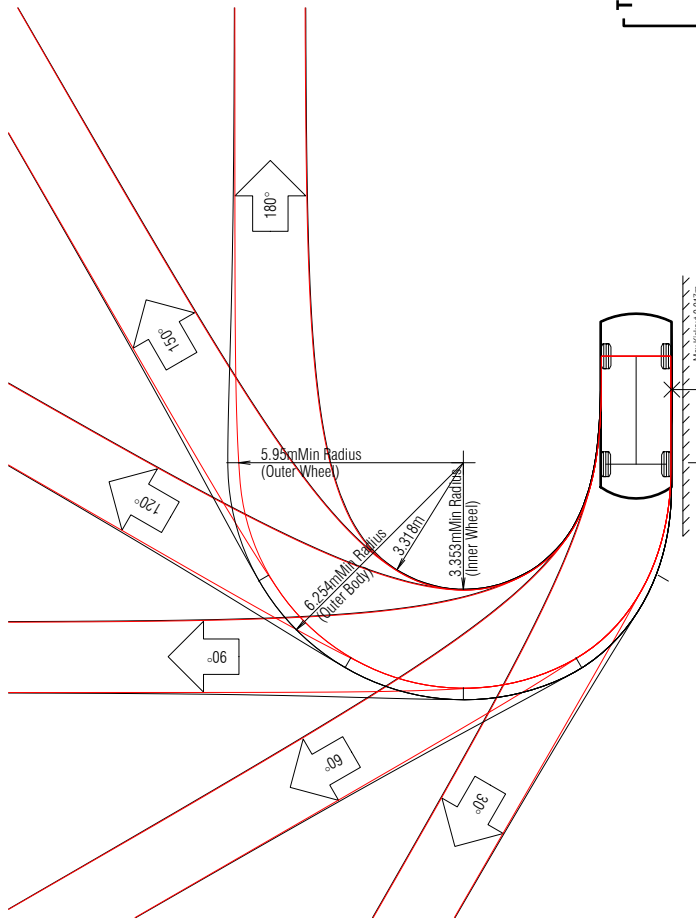
Date: 14/08/2024

SED No. Version

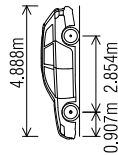
VT1100

A

A4 1:200	0 10m
A3 1:100	



TRACKING VEHICLE



AT Design Vehicle - 4.9m - 85th Car

Overall Length	4.888m
Overall Width	1.874m
Overall Body Height	1.440m
Min Body Ground Clearance	0.138m
Max Track Width	1.859m
Lock-to-lock time	4.00s
Curb to Curb Turning Radius	5.950m



VT1100

Notes:

1. This Template has been tracked at 10km/hr with Autodesk Vehicle Tracking.
2. For 5km/hr vehicle tracking refer to VT0100 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

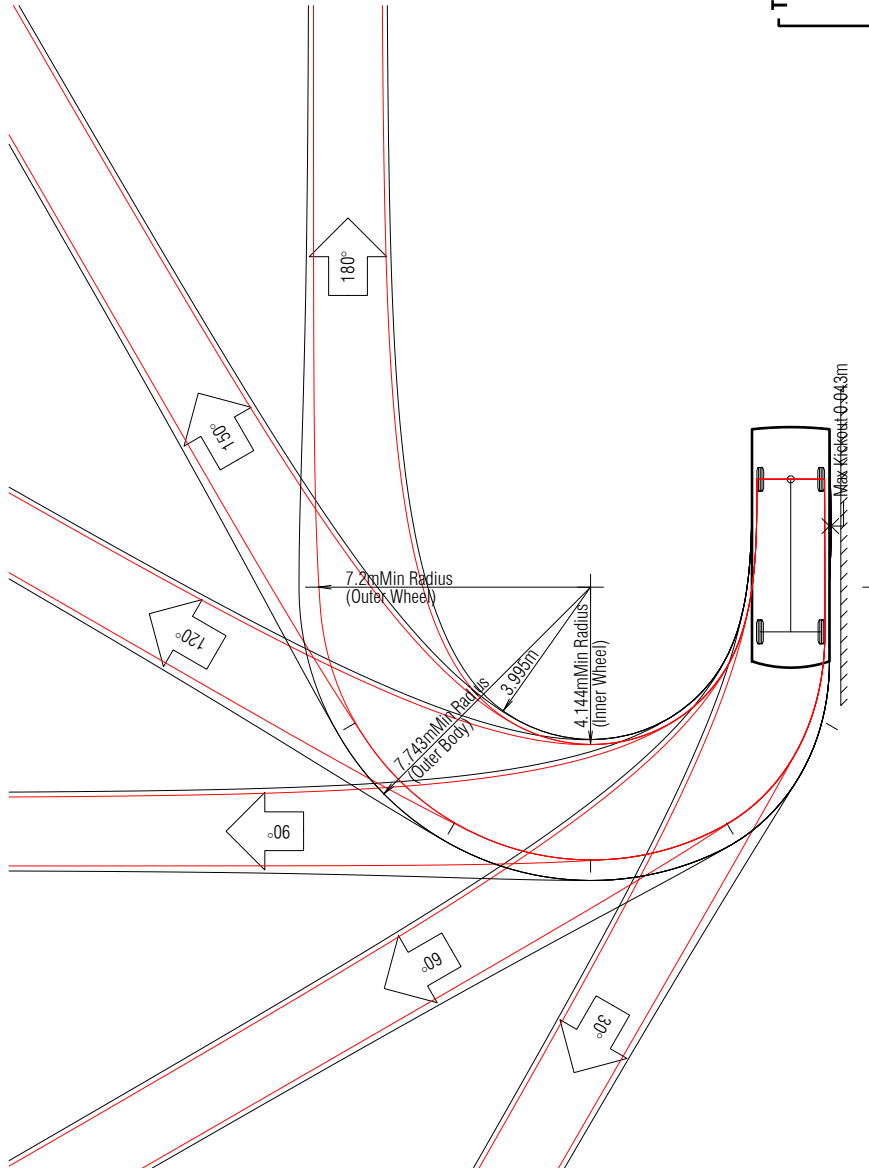
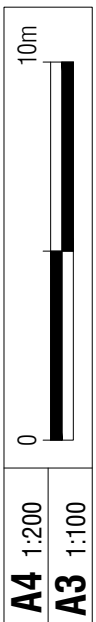


TDM TECHNICAL STANDARDS

AT Design Vehicle - 6.3m - Delivery Van

Date: 14/08/2024

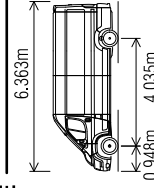
SED No. VT1101 Version A



Notes:

1. This Template has been tracked at 10km/hr with Autodesk Vehicle Tracking.
2. For 5km/hr vehicle tracking refer to VT0101 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

TRACKING VEHICLE



AT Design Vehicle - 6.3m - Delivery Van

Overall Length	6.363m
Overall Width	2.050m
Overall Body Height	2.432m
Min Body Ground Clearance	0.206m
Max Track Width	1.810m
Lock-to-lock time	4.00s
Curb to Curb Turning Radius	7.200m





TDM TECHNICAL STANDARDS

AT Design Vehicle - 8.3m - Truck

Date: 14/08/2024

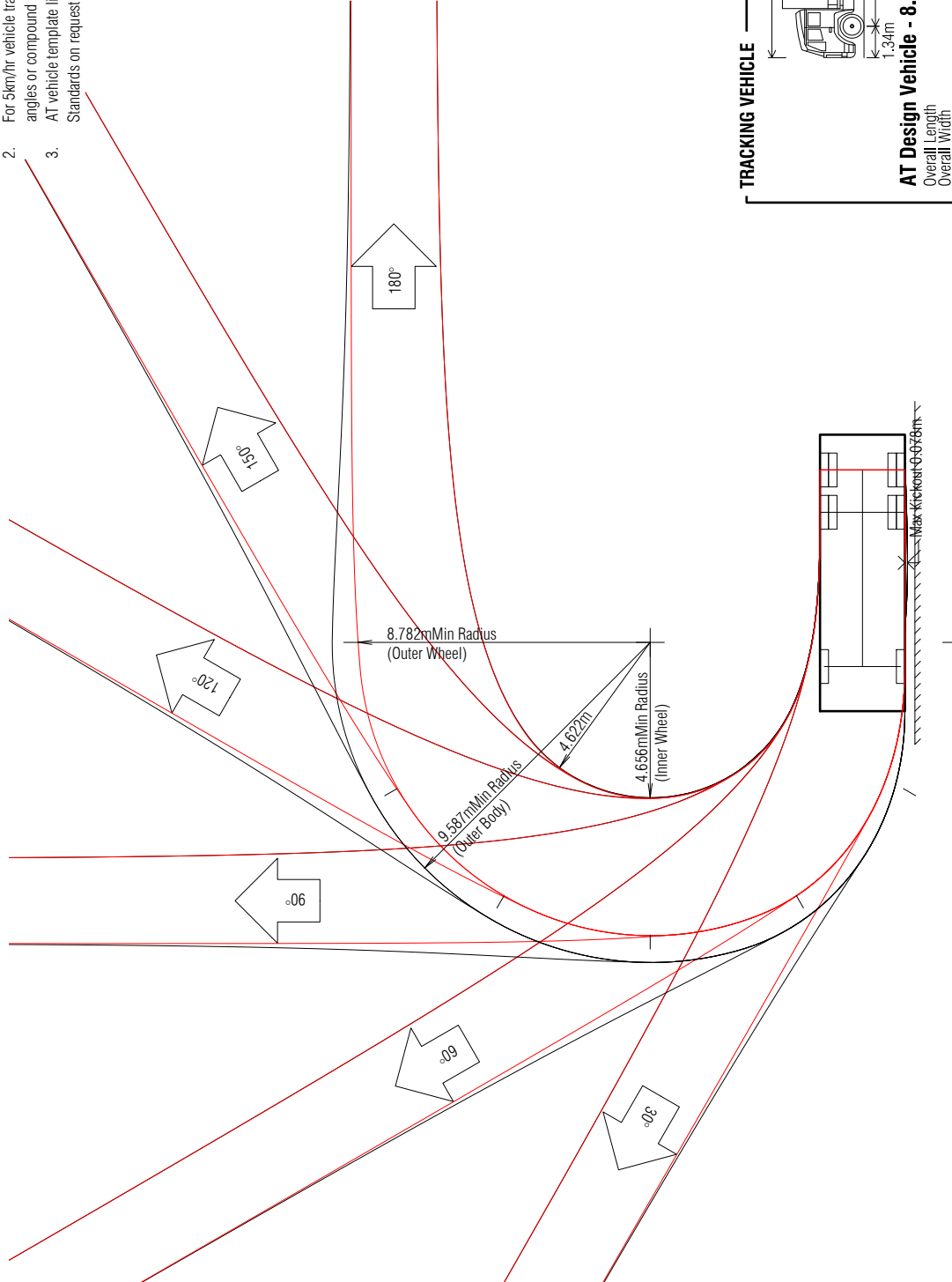
SED No. Version

VT1102

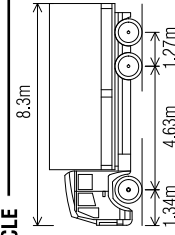
A

Notes:

1. This Template has been tracked at 10km/hr with Autodesk Vehicle Tracking.
2. For 5km/hr vehicle tracking refer to VT0102 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.



TRACKING VEHICLE



AT Design Vehicle - 8.3m - Truck

Overall Length	8.300m
Overall Width	2.350m
Overall Body Height	3.471m
Min Body Ground Clearance	0.373m
Track Width	2.550m
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	40.20°



A4 1:200	0	10m
A3 1:100		



TDM TECHNICAL STANDARDS

AT Design Vehicle -12.6m - Urban Bus (RTS18)

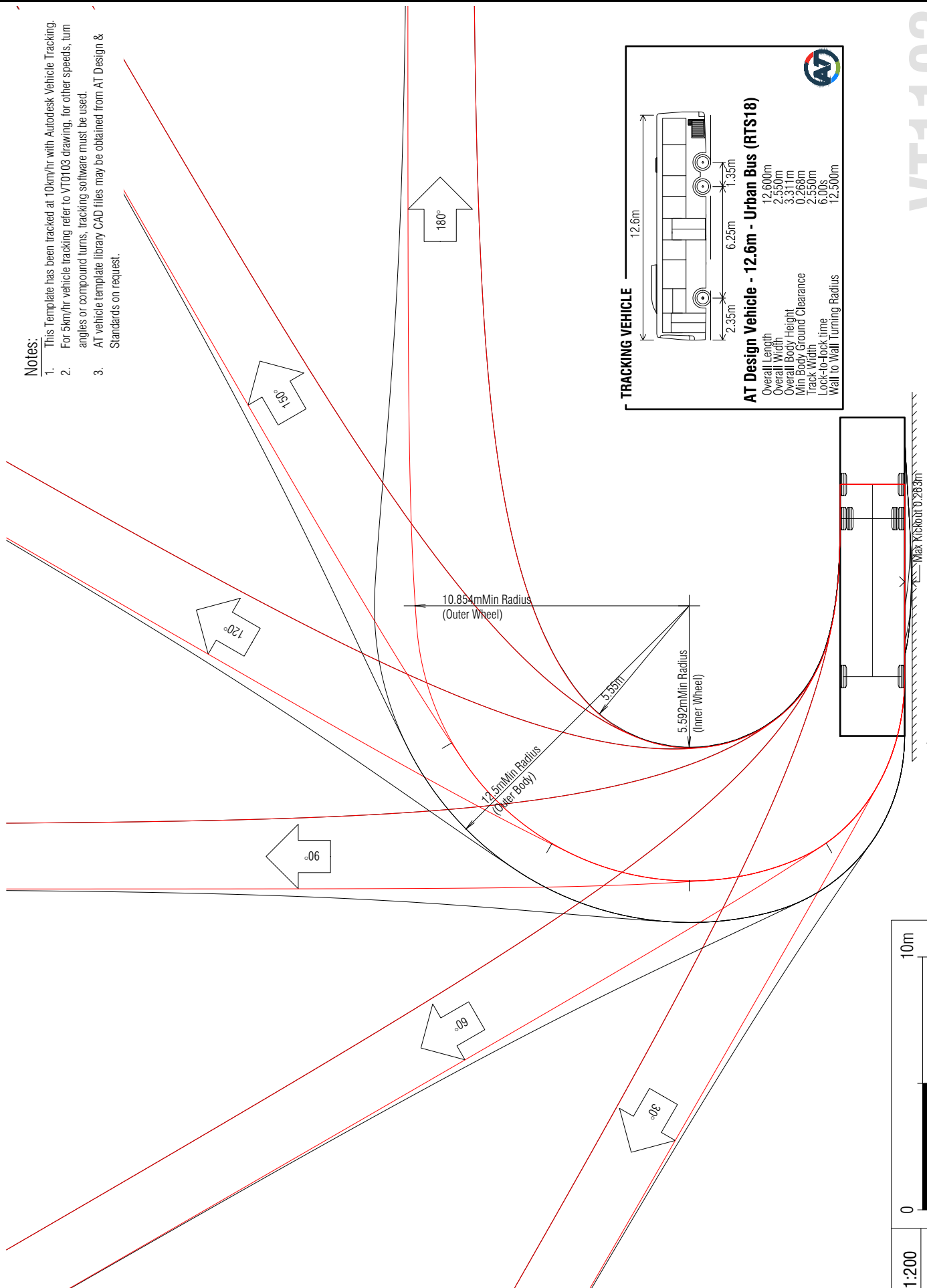
Date: 14/08/2024

SED No. VT1103 Version A

TRACKING VEHICLE

AT Design Vehicle - 12.6m - Urban Bus (RTS18)

Overall Length	12.600m
Overall Width	2.550m
Overall Body Height	3.311m
Min Body Ground Clearance	0.268m
Track Width	2.550m
Lock-to-lock time	6.00s
Wall to Wall Turning Radius	12.500m



VT1103

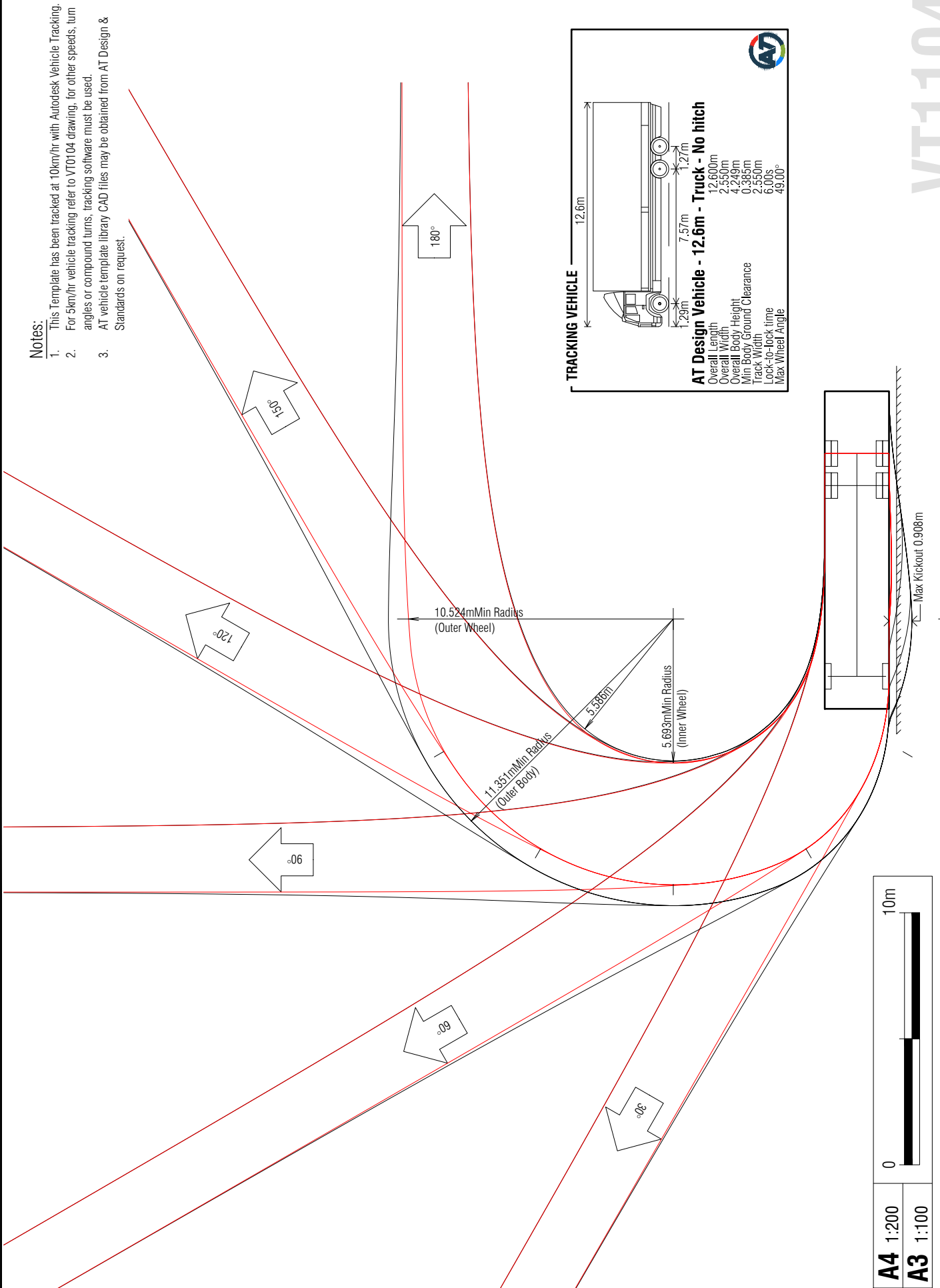
A4 1:200
A3 1:100



TDM TECHNICAL STANDARDS

AT Design Vehicle - 12.6m - Truck - No hitch

Date:	14/08/2024	
SED No.	VT1104	Version
	A	



VT1104

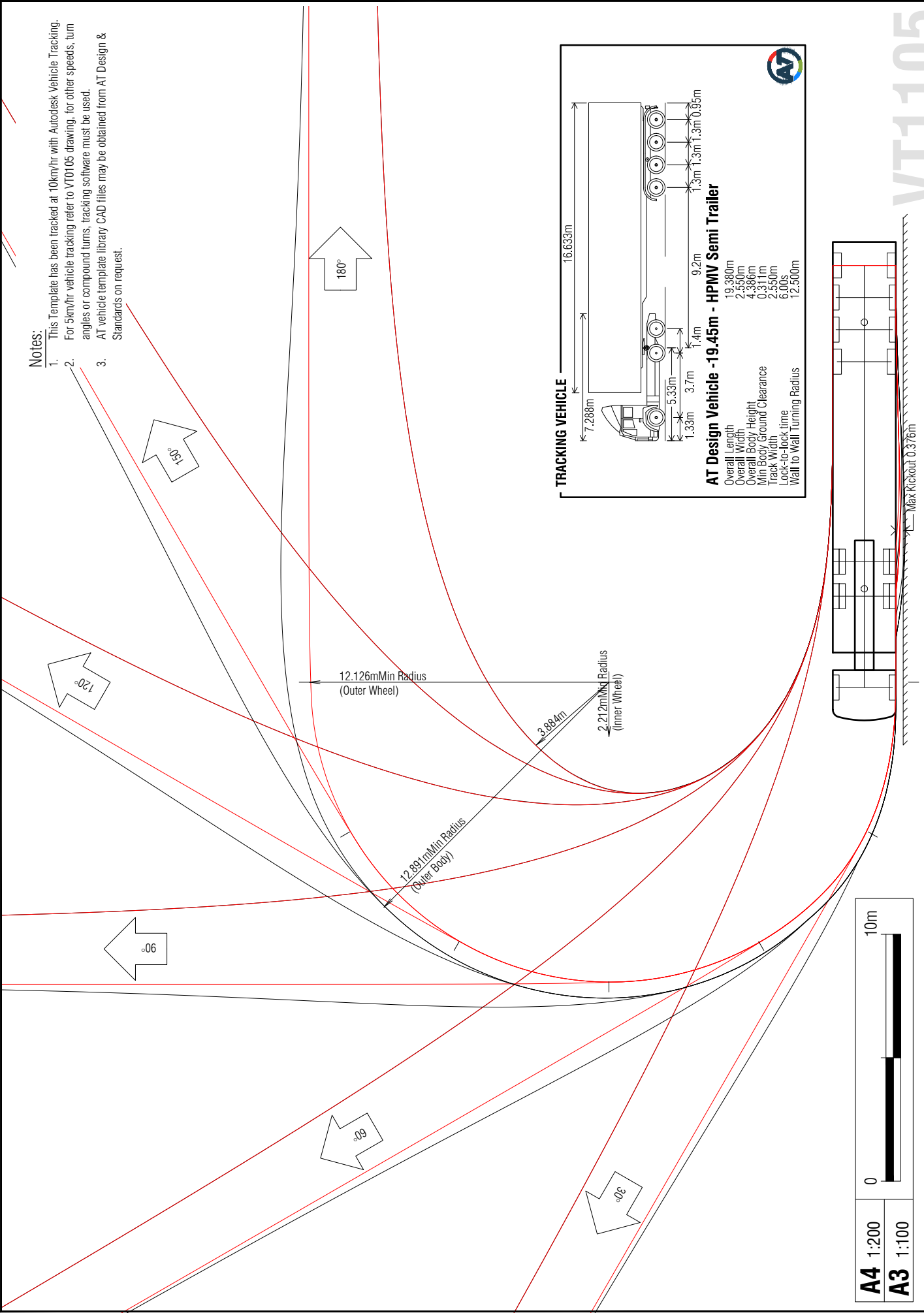


TDM TECHNICAL STANDARDS

AT Design Vehicle -19.45m - HPMV Semi Trailer

Date: 14/08/2024

SED No. **VT1105** Version **A**



VT1105



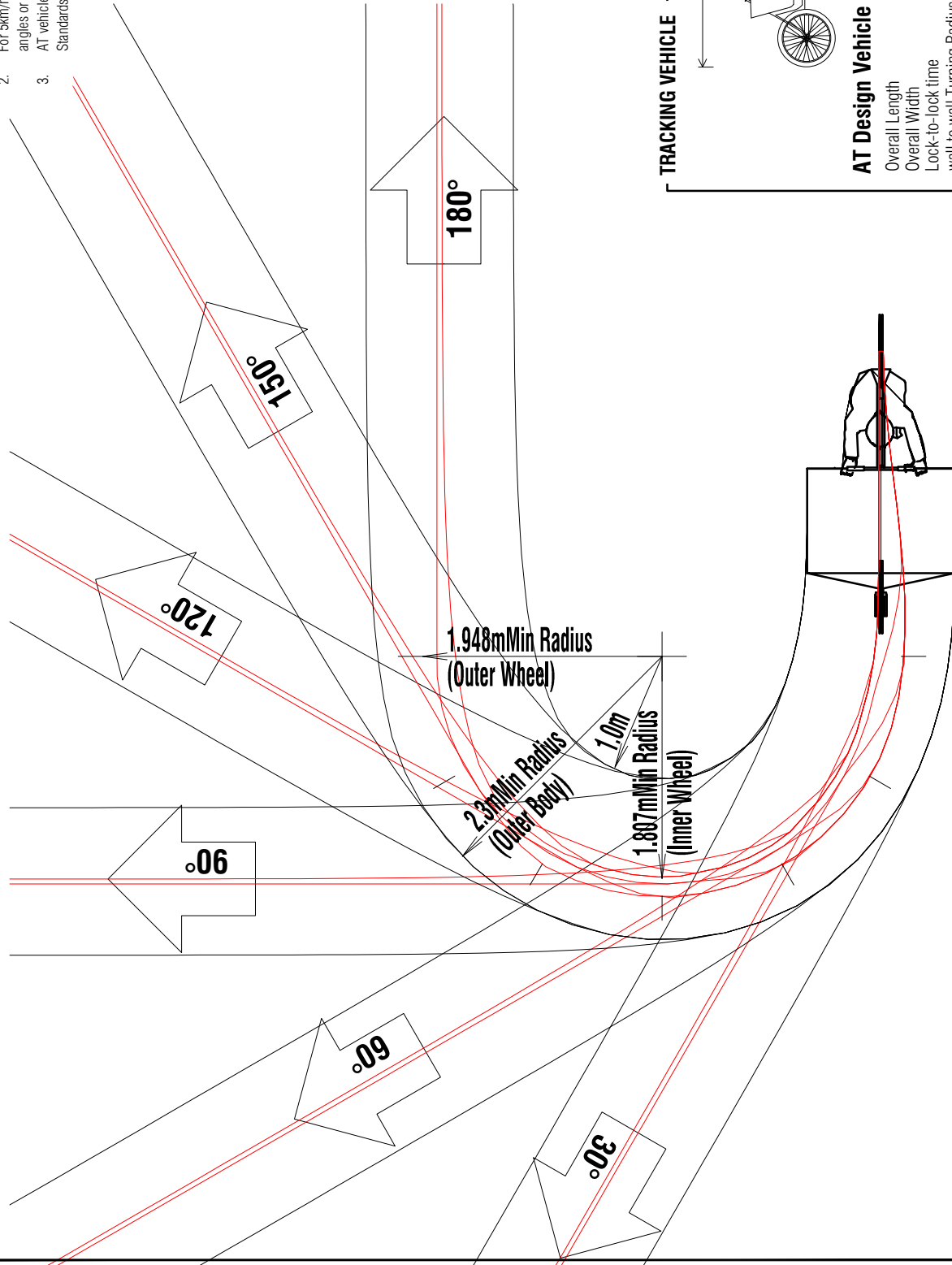
TDM TECHNICAL STANDARDS

AT Design Vehicle - 2.6m - Cargo Bike

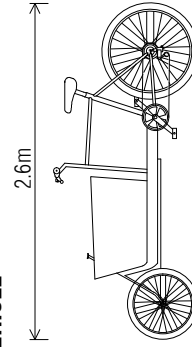
Date: 10/07/2025
SED No. VT1106
Version A

Notes:

1. This Template has been tracked at 10km/hr with Autodesk Vehicle Tracking.
2. For 5km/hr vehicle tracking refer to VT0106 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.



TRACKING VEHICLE



AT Design Vehicle - 2.6m - Cargo Bike

Overall Length 2.6m
Overall Width 1.2m
Lock-to-lock time 2.00s
wall to wall Turning Radius 2.3m



VT1106



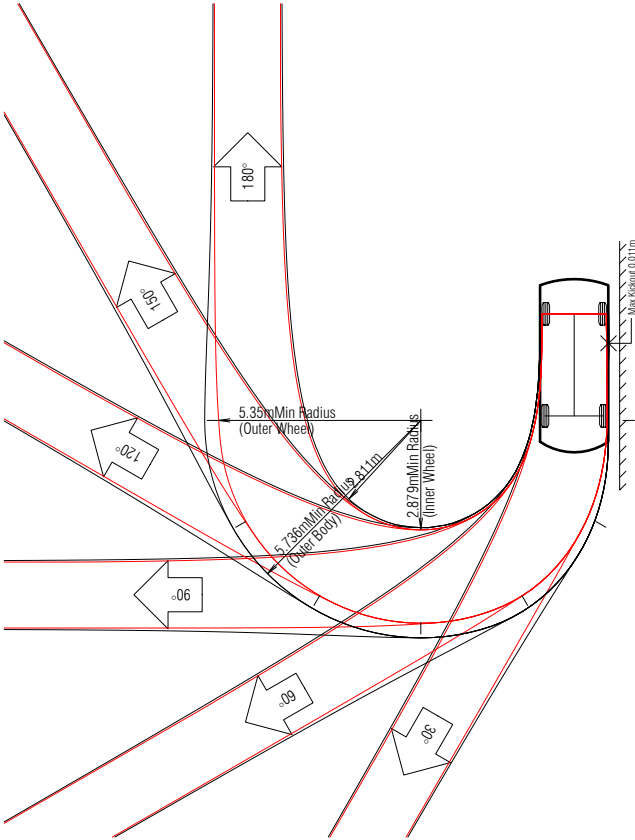
TDM TECHNICAL STANDARDS

AT Check Vehicle - 4.6m - 50th Car

Date: 14/08/2024

SED No. VT1200

Version A



TRACKING VEHICLE

AT Check Vehicle - 4.6m - 50th Car

Overall Length	4.580m
Overall Width	1.805m
Overall Height	1.505m
Min Body Ground Clearance	0.150m
Max Track Width	1.746m
Lock-to-lock time	4.00s
Curb to Curb Turning Radius	5.350m

- Notes:
1. This Template has been tracked at 10km/hr with Autodesk Vehicle Tracking.
 2. For 5km/hr vehicle tracking refer to VT0200 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
 3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

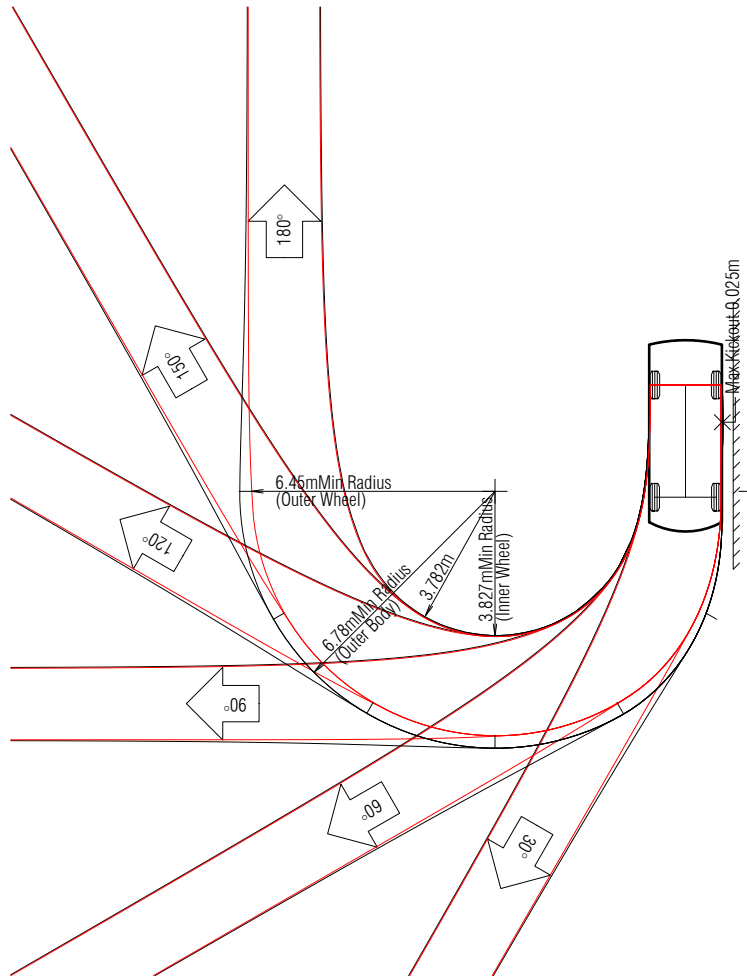


TDM TECHNICAL STANDARDS

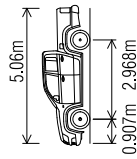
AT Check Vehicle - 5.1m - 95th Car

Notes:

1. This Template has been tracked at 10km/hr with Autodesk Vehicle Tracking.
2. For 5km/hr vehicle tracking refer to VT0201 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

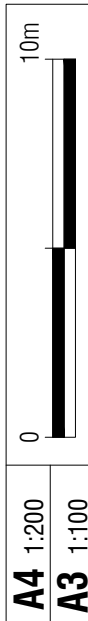


TRACKING VEHICLE



AT Check Vehicle - 5.1m - 95th Car

Overall Length	5.060m
Overall Width	1.923m
Overall Body Height	1.784m
Min Body Ground Clearance	0.231m
Max Track Width	1.888m
Lock-to-lock time	4.00s
Curb to Curb Turning Radius	6.450m





TDM TECHNICAL STANDARDS

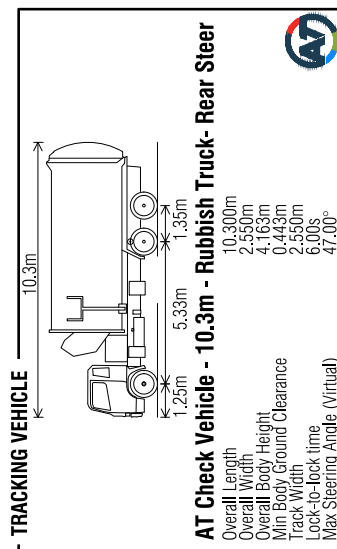
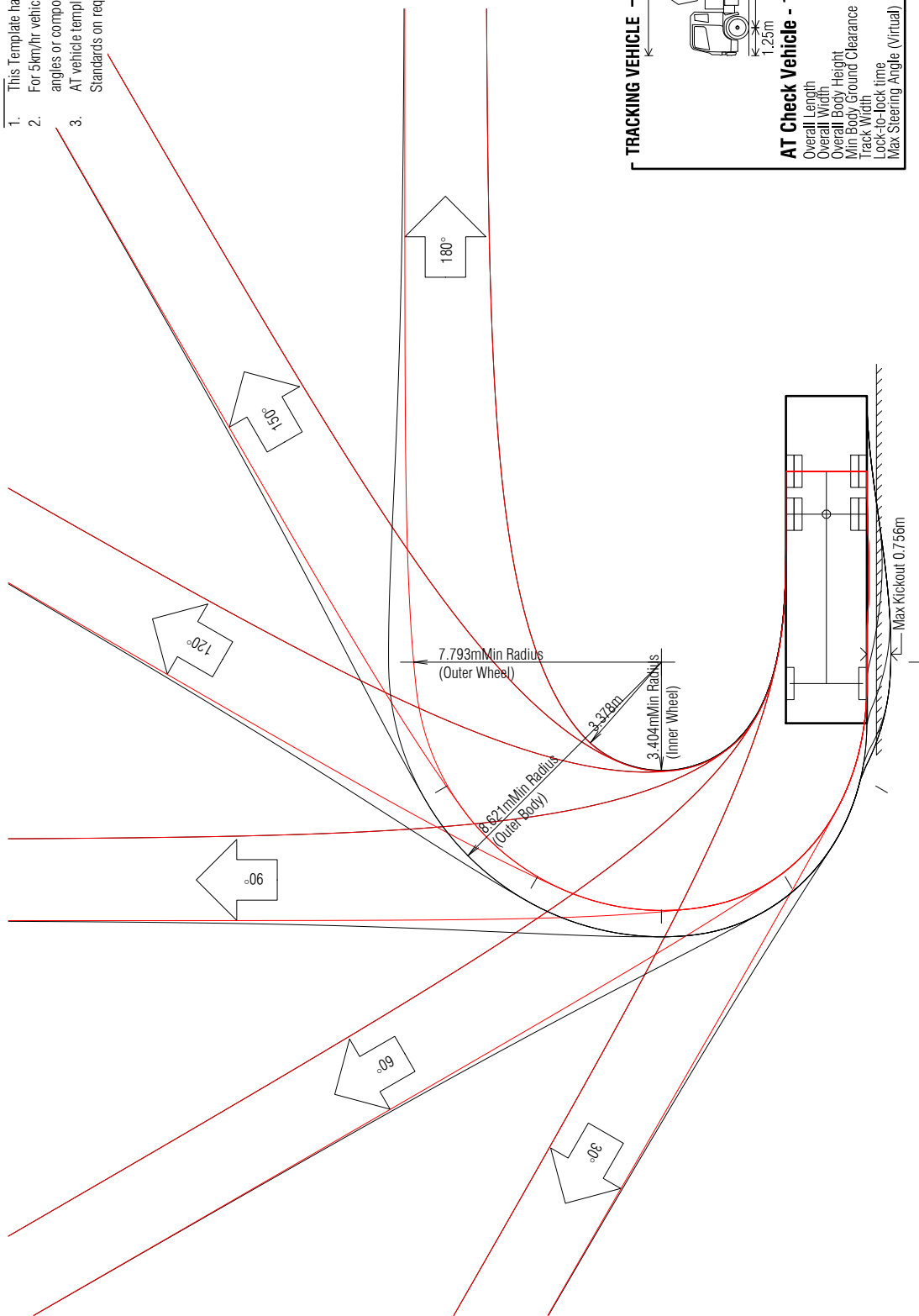
AT Check Vehicle - 10.3m - Rubbish Truck - Rear Steer

Date: 14/08/2024

SED No. **VT1202** Version **A**

Notes:

1. This Template has been tracked at 10km/hr with Autodesk Vehicle Tracking.
2. For 5km/hr vehicle tracking refer to VT0202 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

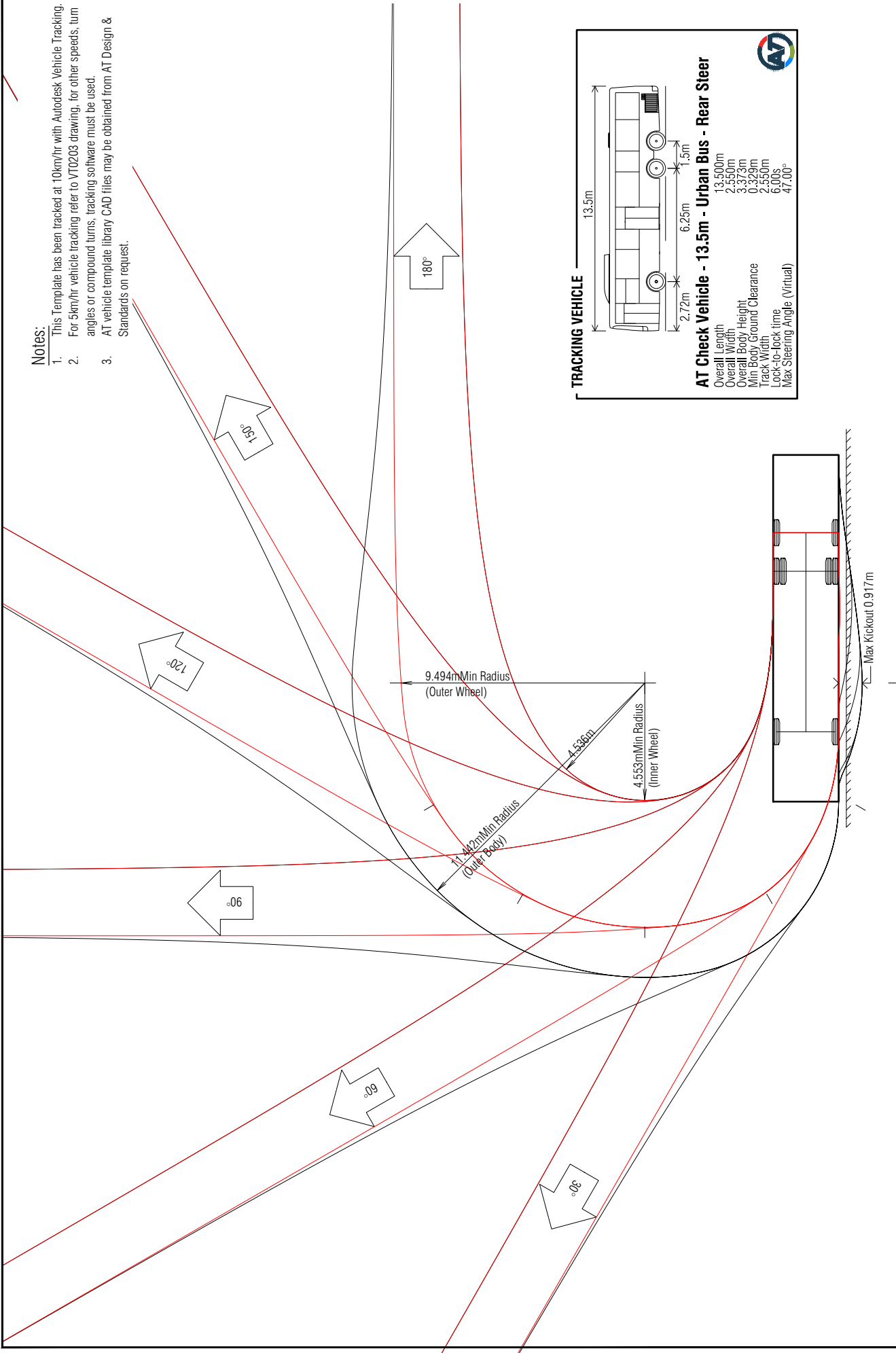


VT1202



TDM TECHNICAL STANDARDS

AT Check Vehicle - 13.5m - Urban Bus - Rear Steer



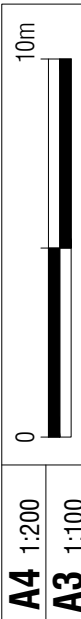
Notes:

1. This Template has been tracked at 10km/hr with Autodesk Vehicle Tracking.
2. For 5km/hr vehicle tracking refer to VT0203 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

TRACKING VEHICLE

AT Check Vehicle - 13.5m - Urban Bus - Rear Steer

Overall Length	13.500m
Overall Width	2.550m
Overall Body Height	3.373m
Min Body Ground Clearance	0.329m
Track Width	2.550m
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	47.00°



A4 1:200
A3 1:100

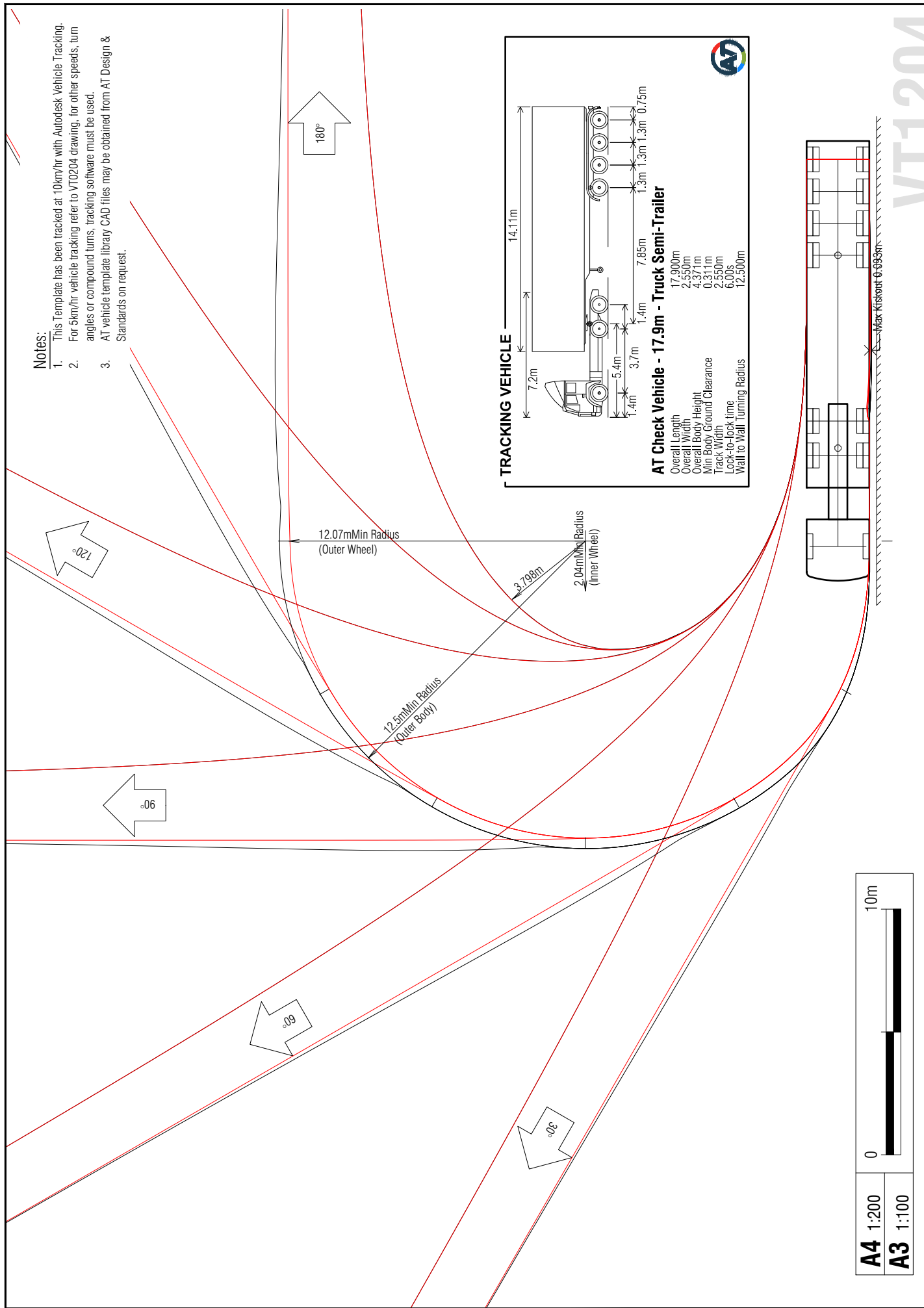


TDM TECHNICAL STANDARDS

AT Check Vehicle - 17.9m - Semi-Trailer

Date: 14/08/2024

SED No. VT1204 Version A



VT1204



TDM TECHNICAL STANDARDS

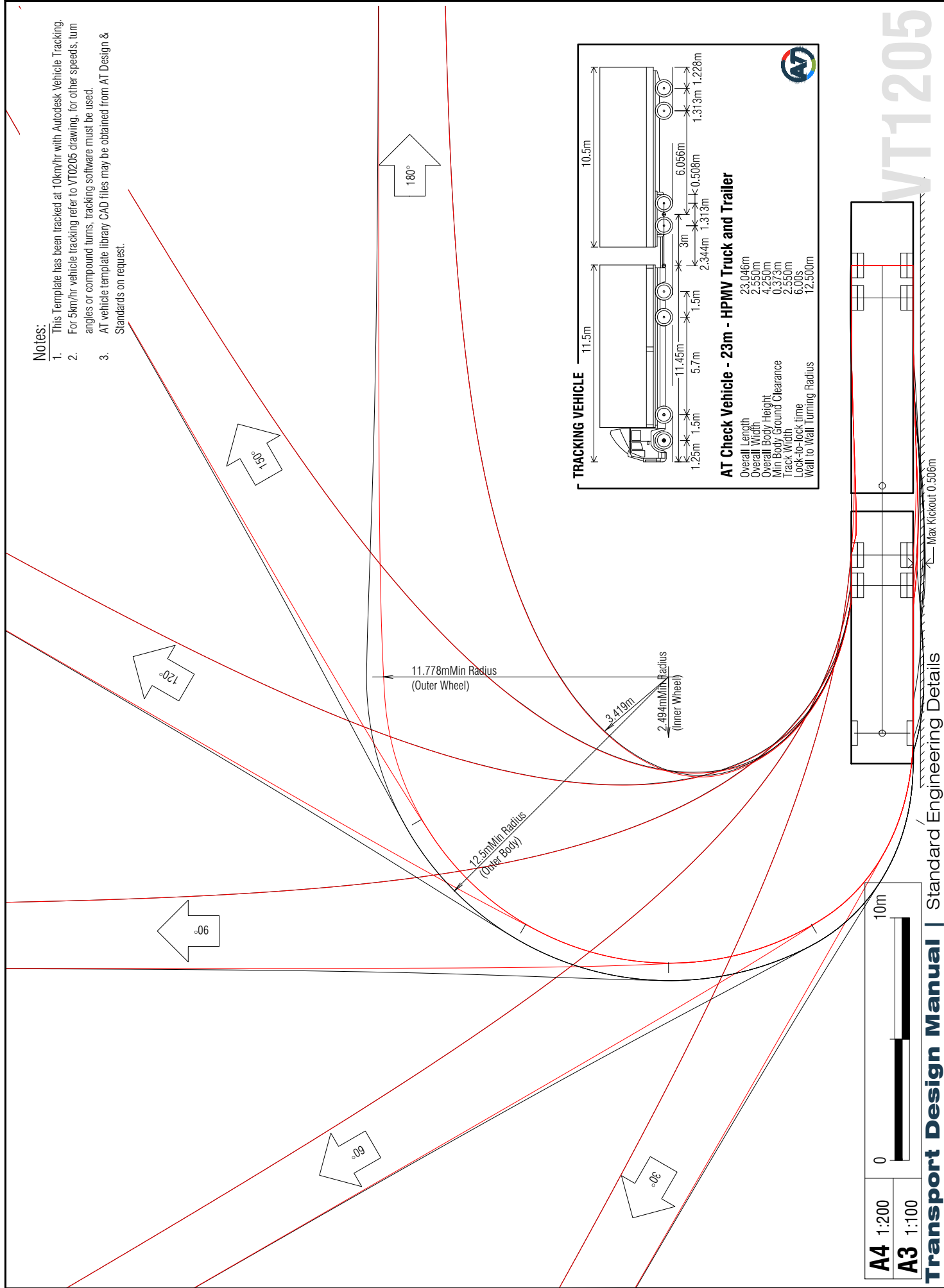
AT Check Vehicle - 23m - HPMV Truck and Trailer

Date: 14/08/2024

SED No. VT1205 Version A

Notes:

1. This Template has been tracked at 10km/hr with Autodesk Vehicle Tracking.
2. For 5km/hr vehicle tracking refer to VT0205 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.



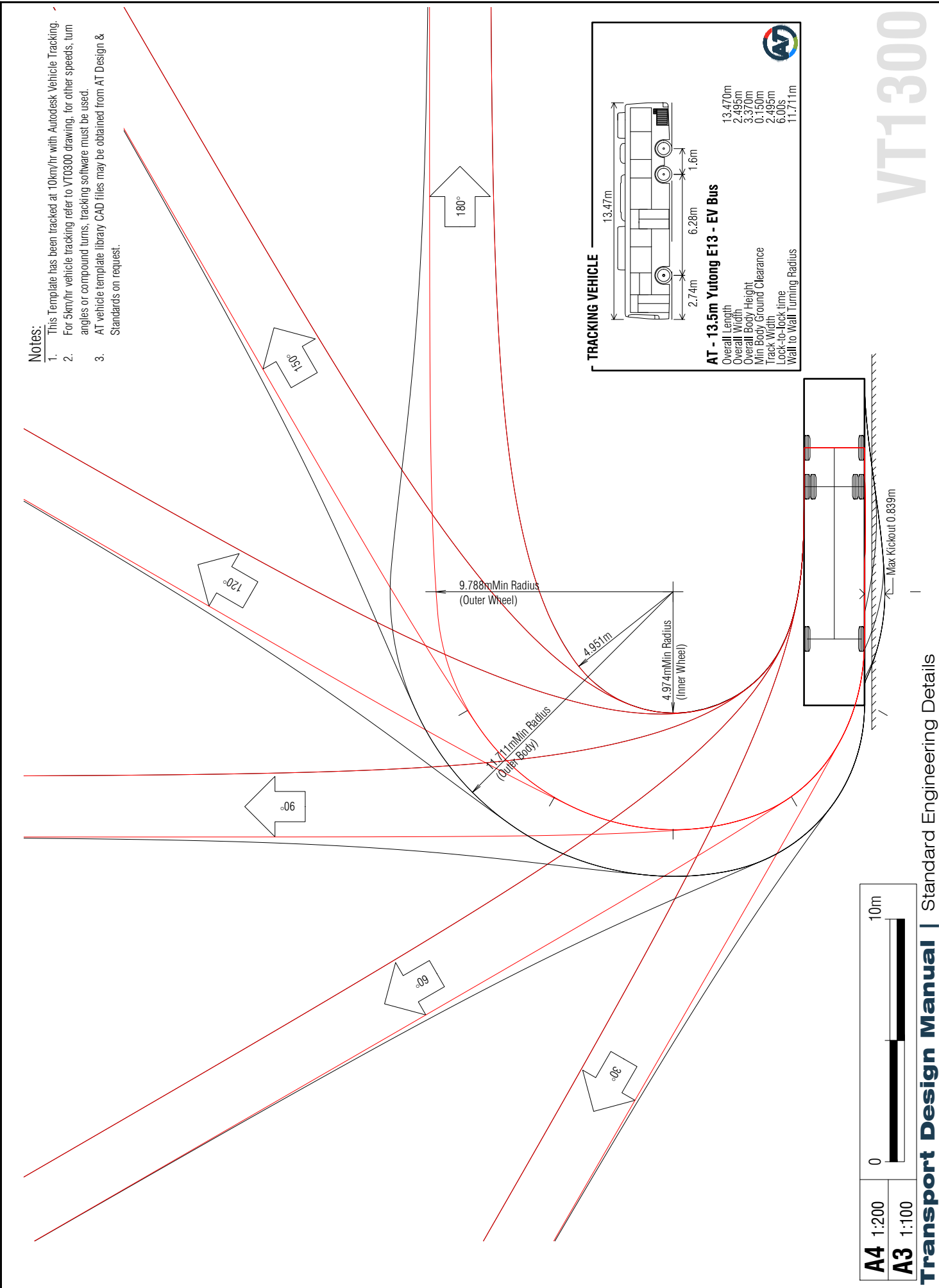
VT1205



TDM TECHNICAL STANDARDS

AT - 13.5m Yutong E13 - EV Bus

Date:	14/08/2024	
SED No.	VT1300	Version
	A	





TDM TECHNICAL STANDARDS

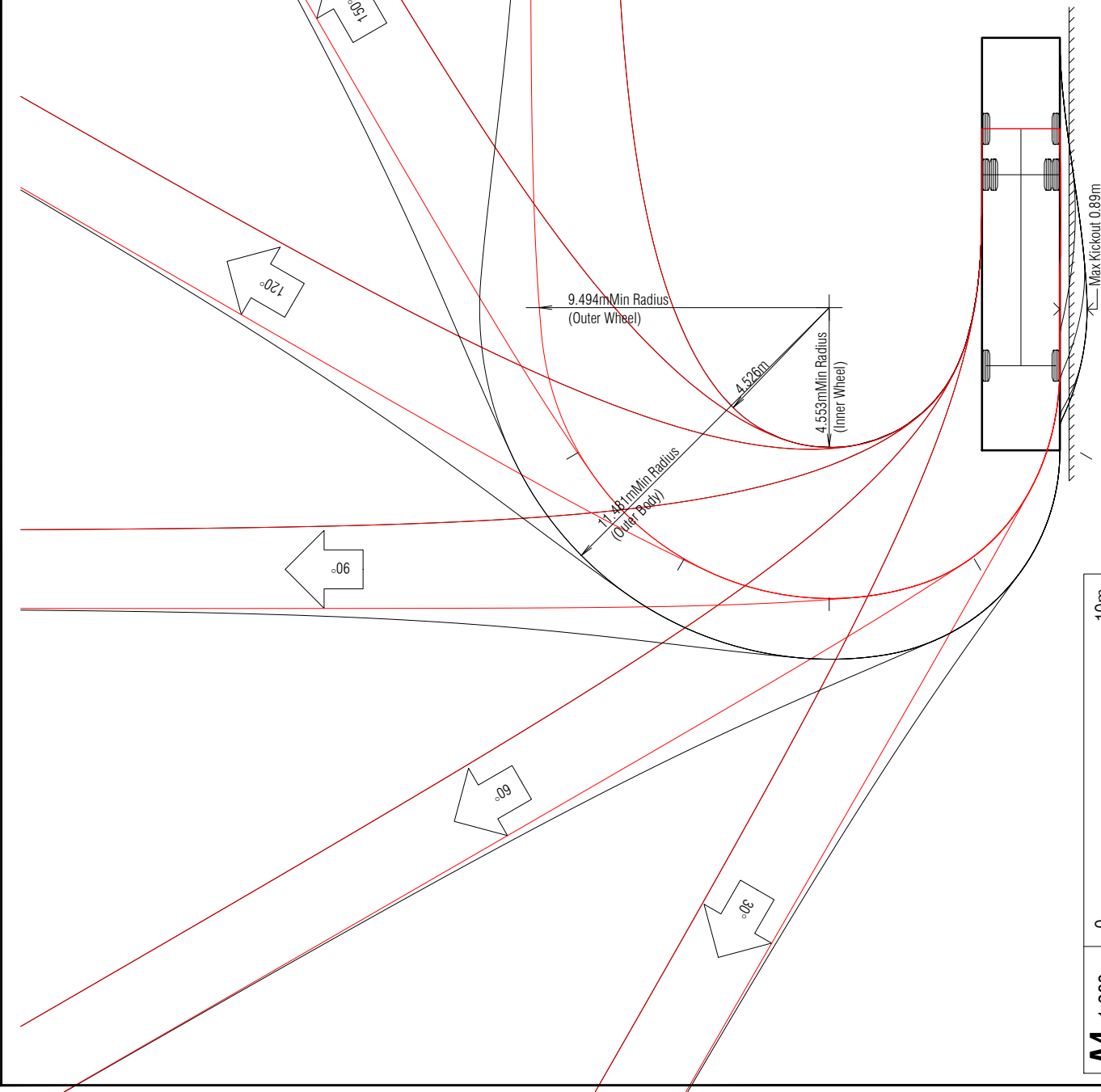
AT - 13.5m Airbus Kiwi Scania

Date: 14/08/2024

SED No. Version

VT1301

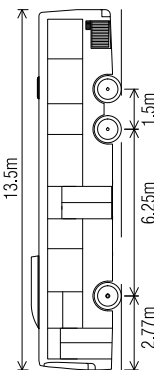
A



Notes:

1. This Template has been tracked at 10km/hr with Autodesk Vehicle Tracking.
2. For 5km/hr vehicle tracking refer to VT0301 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

TRACKING VEHICLE



AT - 13.5m Airbus Kiwi Scania

Overall Length	13.500m
Overall Width	2.550m
Overall Body Height	3.373m
Min Body Ground Clearance	0.329m
Track Width	2.550m
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	47.00°



0 10m

A4 1:200

A3 1:100

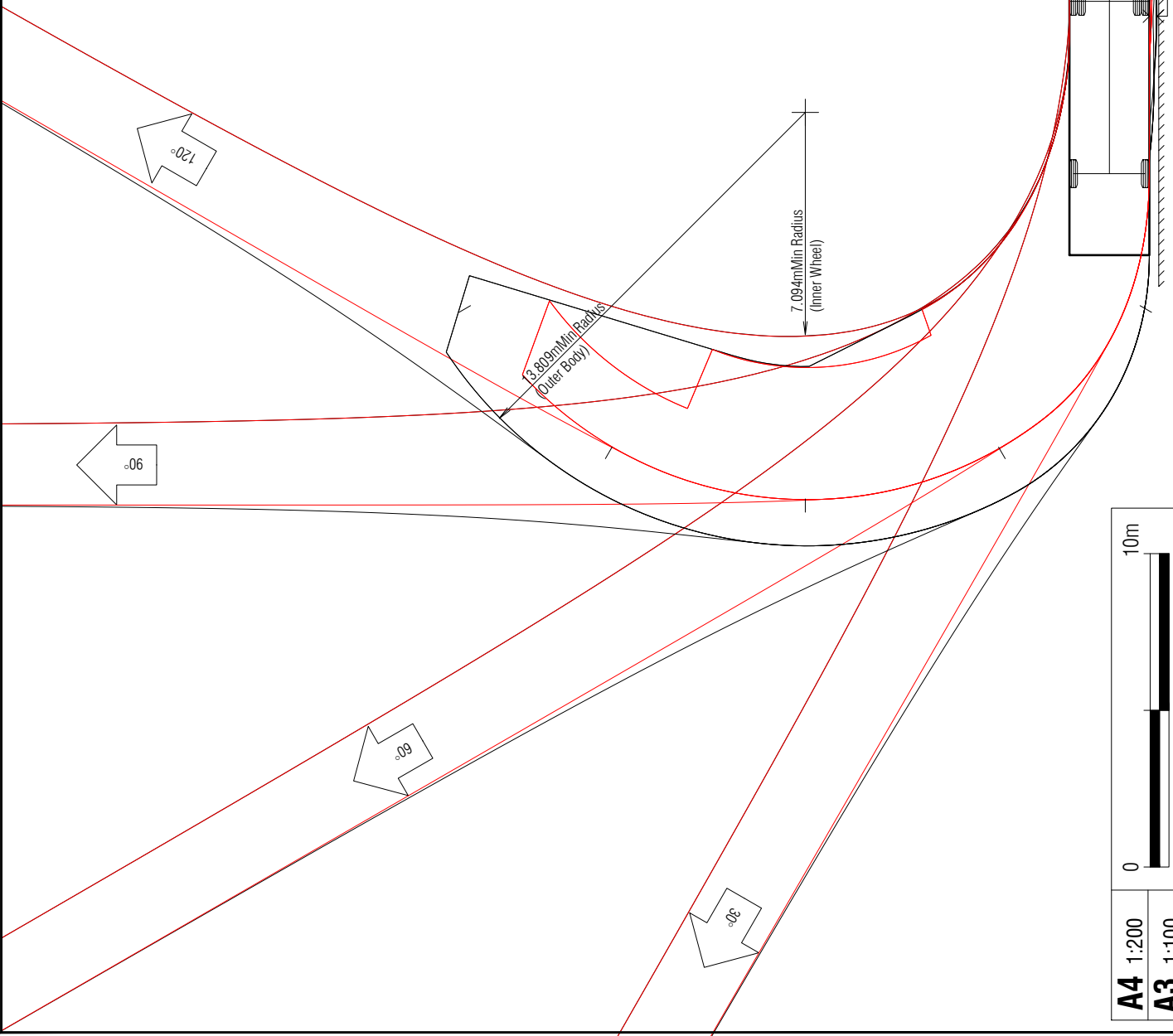


TDM TECHNICAL STANDARDS

AT - 19.0m Articulated Bus

Date: 14/08/2024

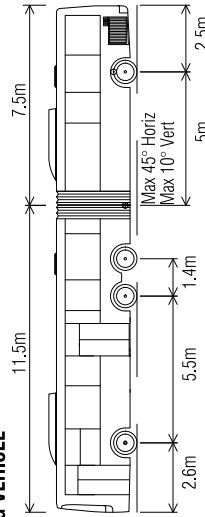
SED No. VT1302 Version A



Notes:

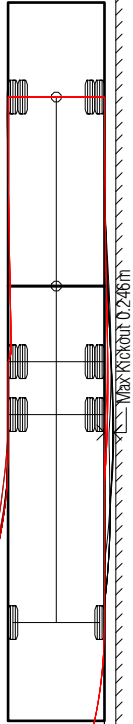
1. This Template has been tracked at 10km/hr with Autodesk Vehicle Tracking.
2. For 5km/hr vehicle tracking refer to VT0302 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

TRACKING VEHICLE



AT - 19.0m Articulated Bus

Overall Length	19.000m
Overall Width	2.550m
Overall Body Height	3.303m
Min Body Ground Clearance	0.269m
Track Width	2.530m
Lock-to-lock time	6.00S
Max Steering Angle (Virtual)	33.50°



VT1302

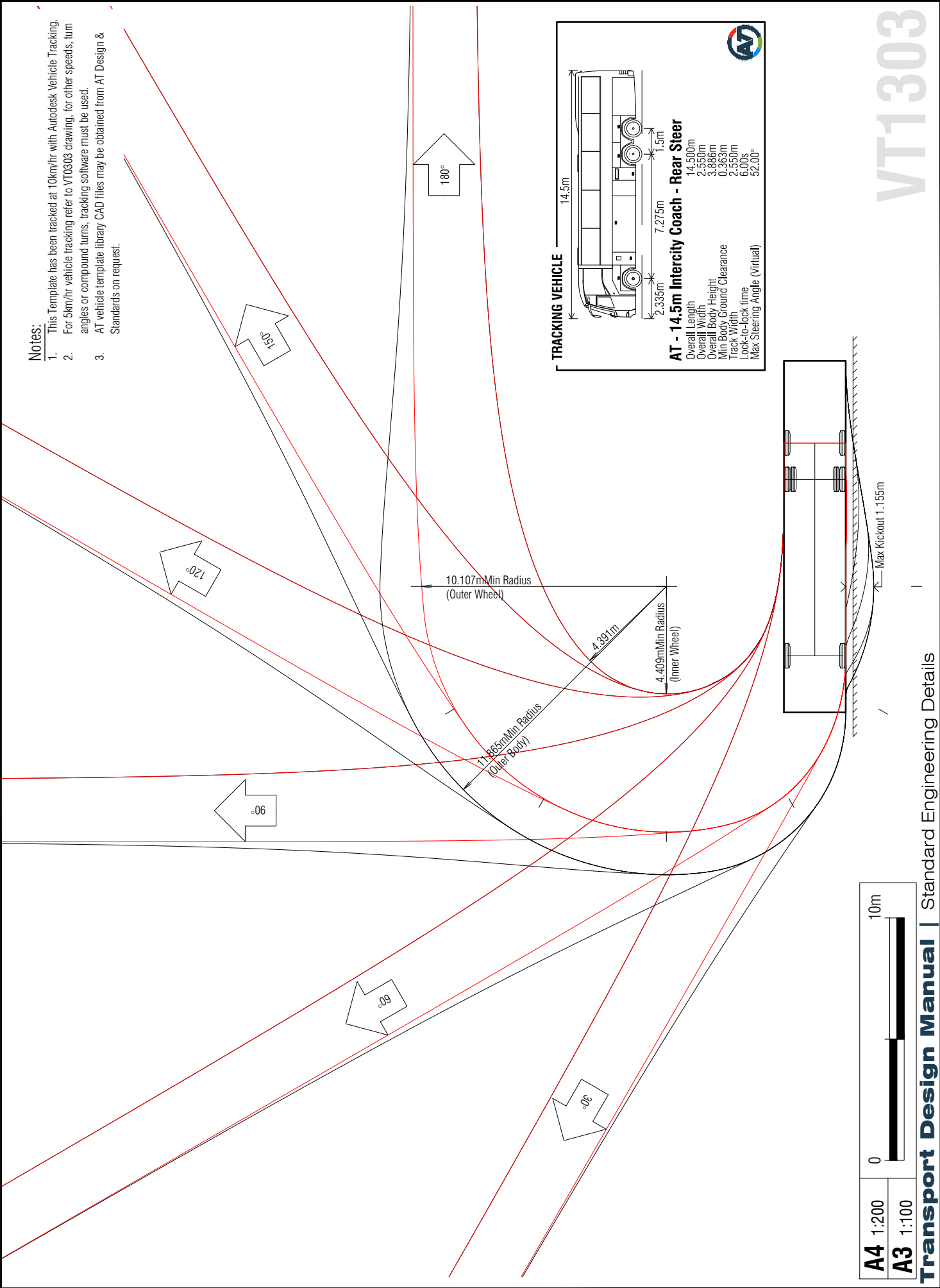
A4 1:200
A3 1:100



TDM TECHNICAL STANDARDS

AT - 14.5m Intercity Coach - Rear Steer

Date:	14/08/2024	
SED No.	VT1303	Version
	A	





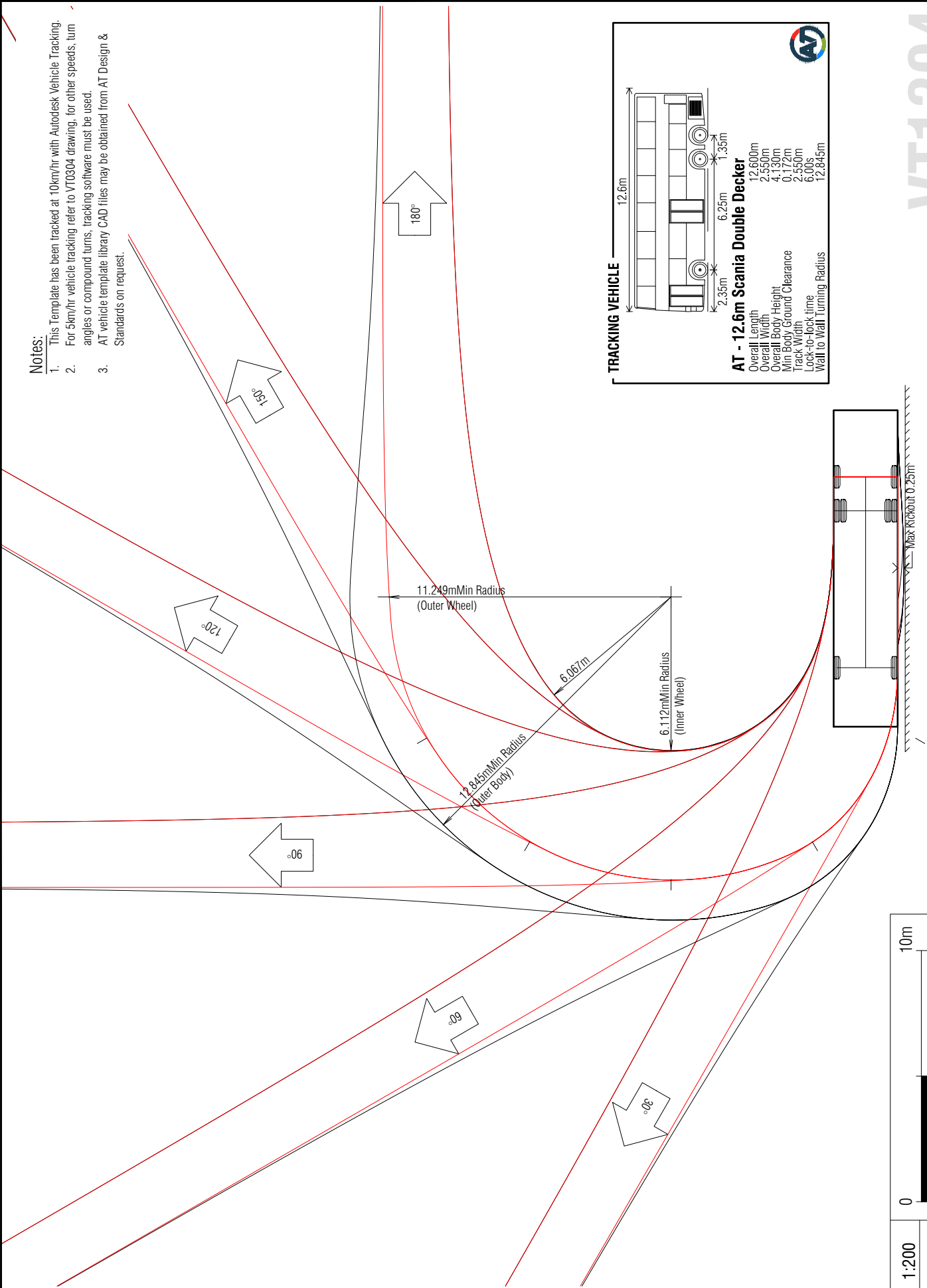
TDM TECHNICAL STANDARDS

AT - 12.6m Scania Double Decker

Date: 14/08/2024

SED No. VT1304

Version A



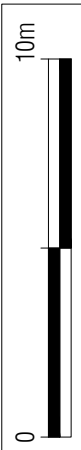
Notes:

1. This Template has been tracked at 10km/hr with Autodesk Vehicle Tracking.
2. For 5km/hr vehicle tracking refer to VT0304 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

TRACKING VEHICLE

AT - 12.6m Scania Double Decker

Overall Length	12.600m
Overall Width	2.550m
Overall Body Height	4.130m
Min Body Ground Clearance	0.172m
Track Width	2.550m
Lock-to-lock time	6.00s
Wall to Wall Turning Radius	12.845m



A4 1:200
A3 1:100



TDM TECHNICAL STANDARDS

AT - 11.6m Enviro200EV

Date: 14/08/2024

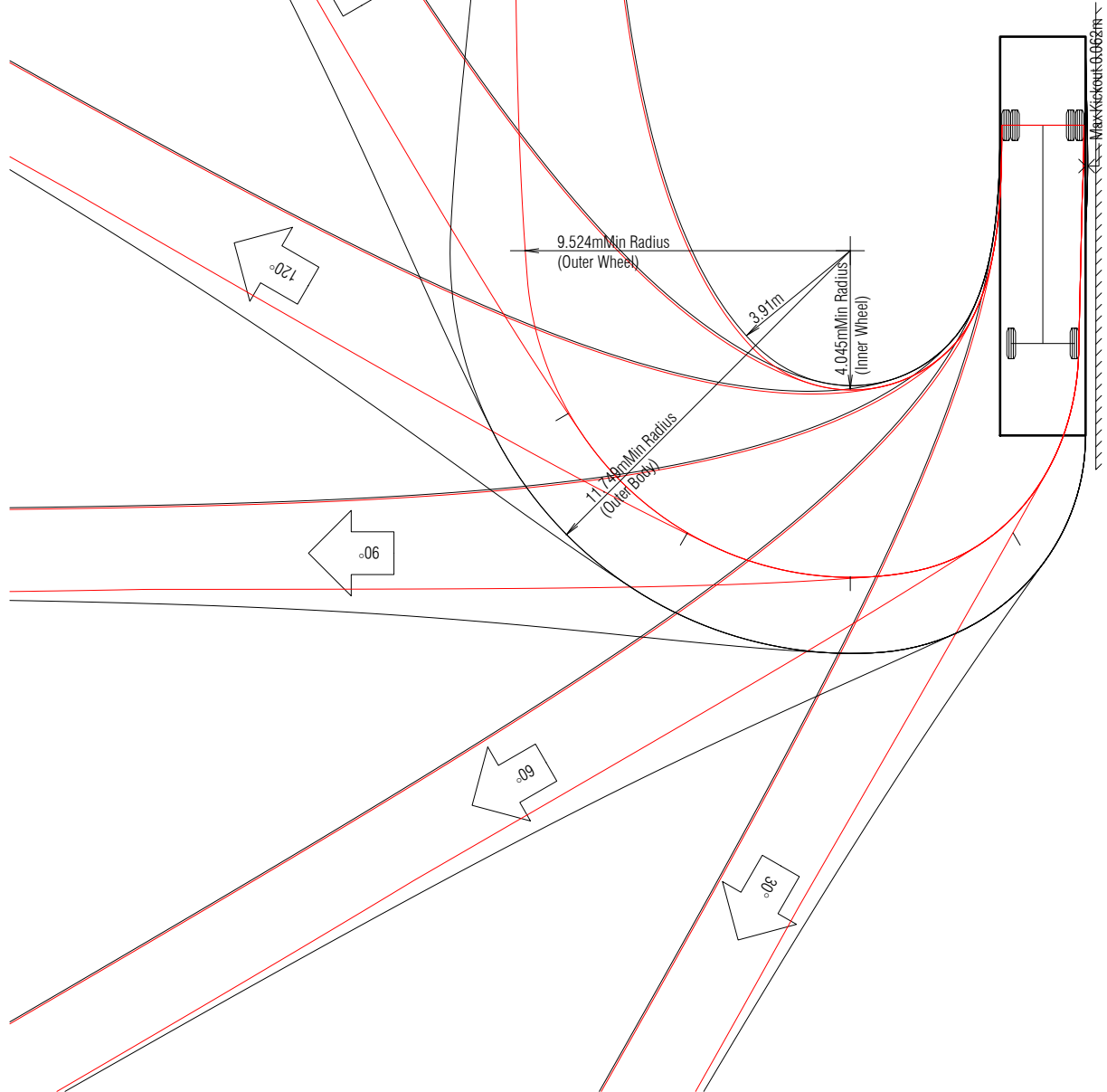
SED No. Version

VT1305

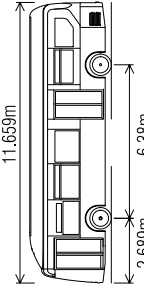
A

Notes:

1. This Template has been tracked at 10km/hr with Autodesk Vehicle Tracking.
2. For 5km/hr vehicle tracking refer to VT0305 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.



TRACKING VEHICLE



AT - 11.6m Enviro200EV

Overall Length	11.659m
Overall Width	2.500m
Overall Height	3.388m
Min Body Ground Clearance	0.250m
Max Track Width	2.400m
Lock-to-lock time	6.00s
Wall to Wall Turning Radius	11.749m



VT1305



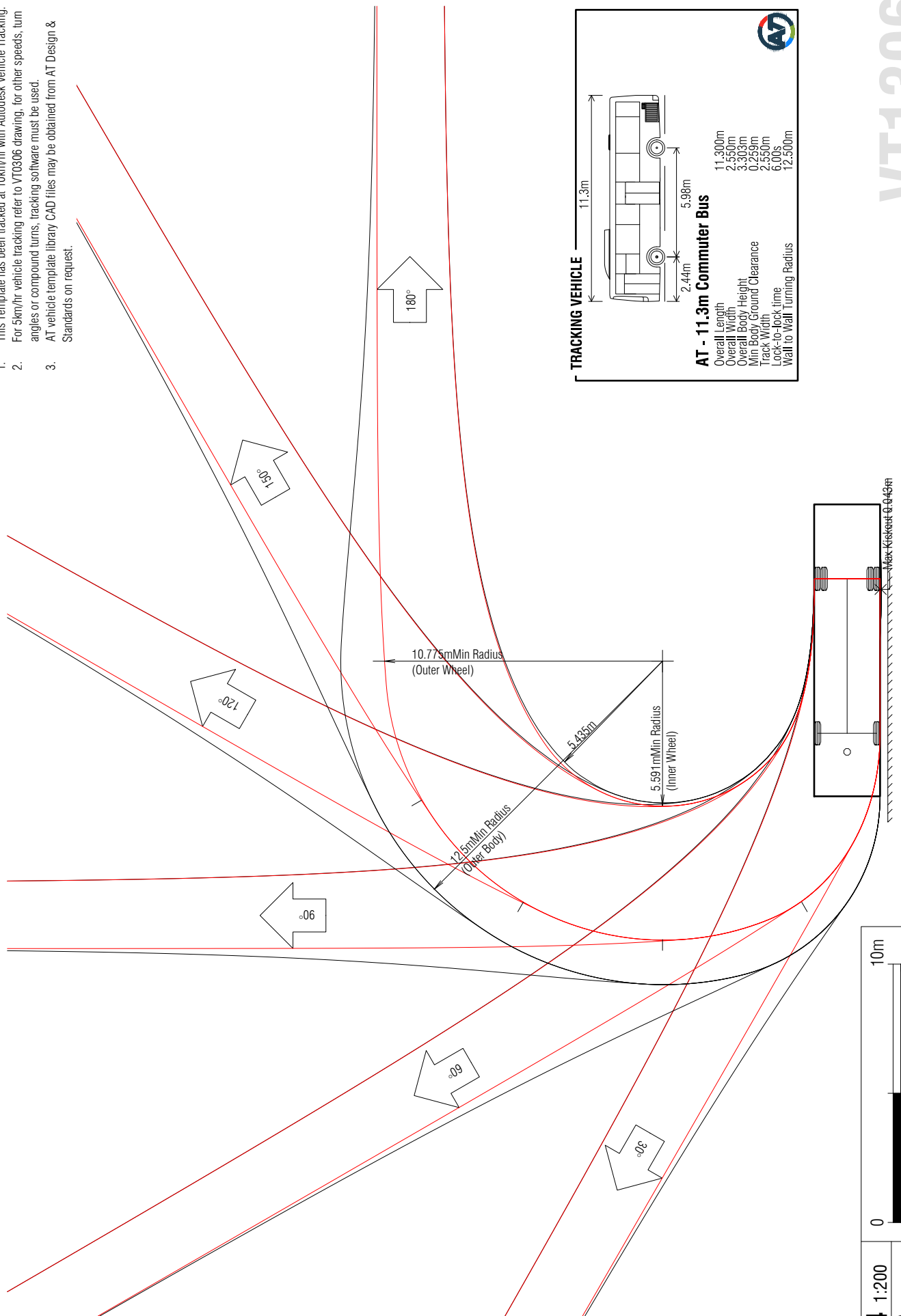
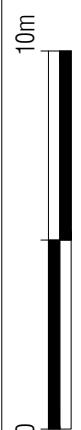
TDM TECHNICAL STANDARDS

AT - 11.3m Commuter Bus

Date: 14/08/2024

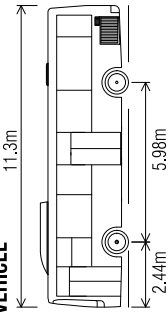
SED No. VT1306 Version A

A4 1:200
A3 1:100



- Notes:
1. This Template has been tracked at 10km/hr with Autodesk Vehicle Tracking.
 2. For 5km/hr vehicle tracking refer to VT0306 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
 3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

TRACKING VEHICLE



AT - 11.3m Commuter Bus

Overall Length	11.300m
Overall Width	2.440m
Overall Body Height	3.030m
Min Body Ground Clearance	0.299m
Track Width	2.550m
Lock-to-lock time	6.00s
Wall to Wall Turning Radius	12.500m



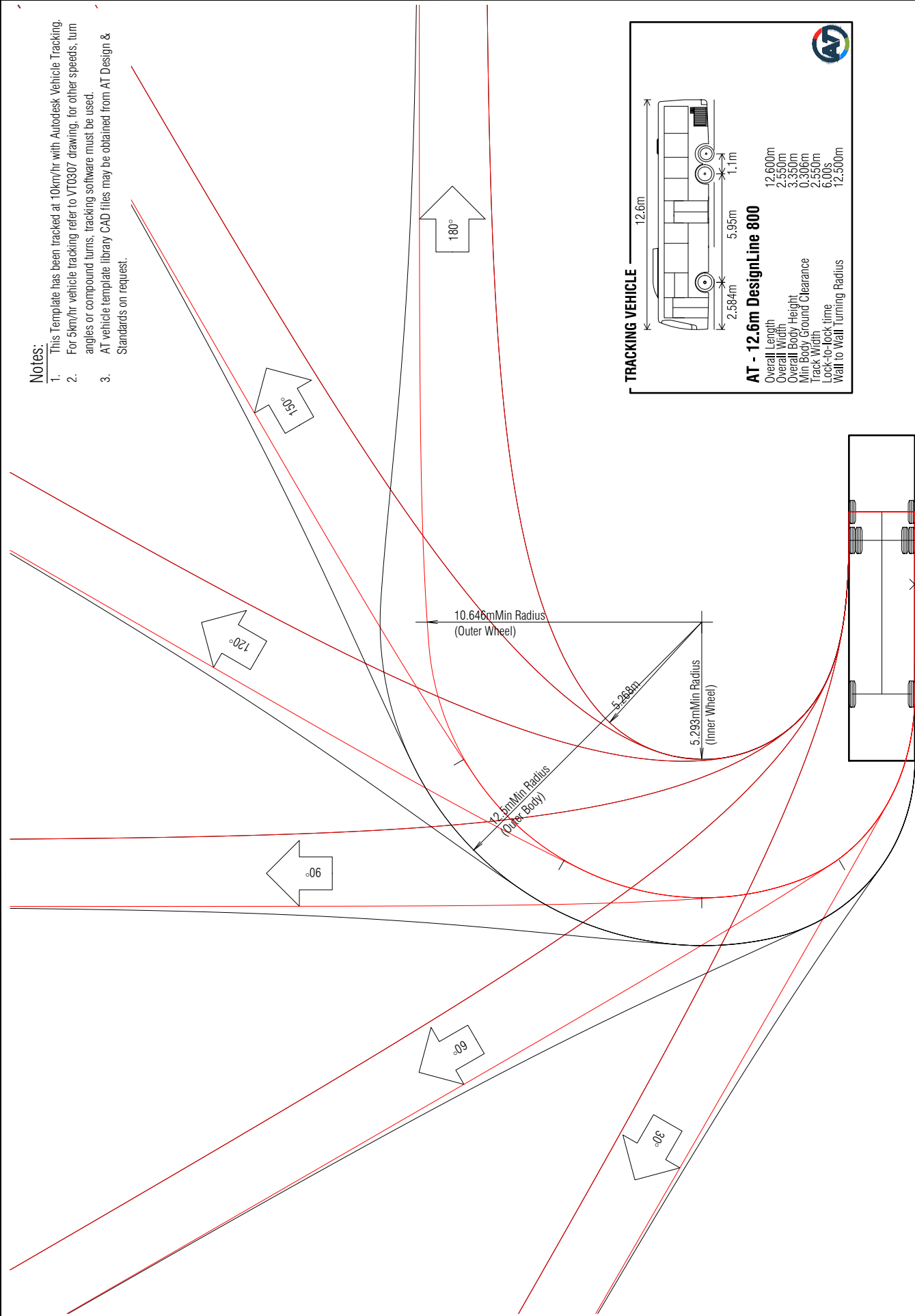
VT1306



TDM TECHNICAL STANDARDS

AT - 12.6m DesignLine 800

Date:	14/08/2024	
SED No.	VT1307	Version
		A



Notes:

1. This Template has been tracked at 10km/hr with Autodesk Vehicle Tracking.
2. For 5km/hr vehicle tracking refer to VT0307 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

TRACKING VEHICLE

AT - 12.6m DesignLine 800
Overall Length: 12.600m
Overall Width: 2.550m
Overall Body Height: 3.350m
Min Body Ground Clearance: 0.306m
Track Width: 2.550m
Lock-to-lock time: 6.00s
Wall to Wall Turning Radius: 12.500m

A4 1:200	0	10m
A3 1:100		



TDM TECHNICAL STANDARDS

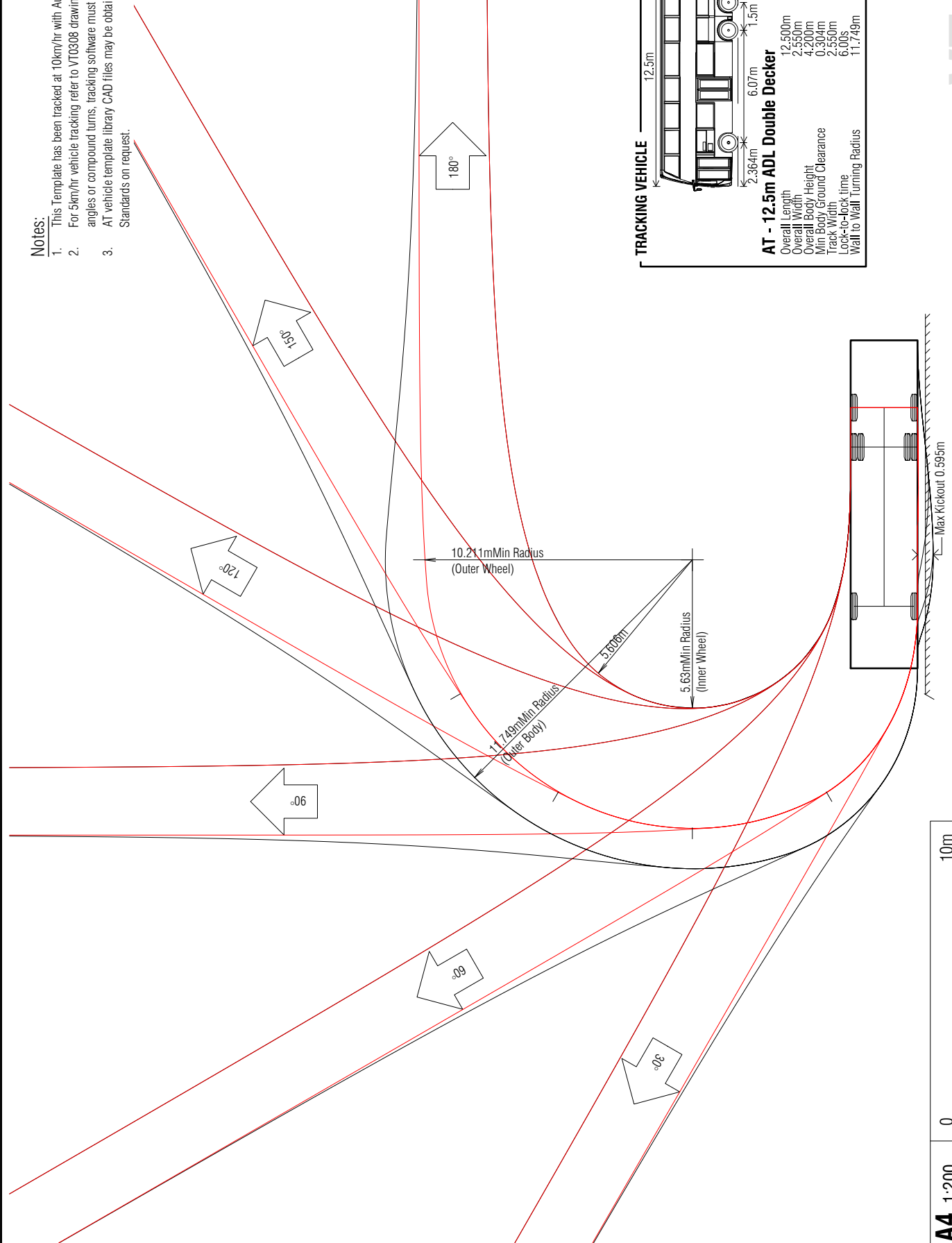
AT - 12.5m ADL Double Decker

Date: 14/08/2024

SED No. Version

VT1308

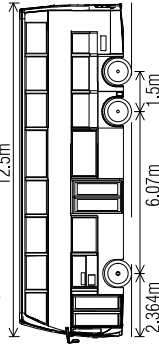
A



Notes:

1. This Template has been tracked at 10km/hr with Autodesk Vehicle Tracking.
2. For 5km/hr vehicle tracking refer to VT0308 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

TRACKING VEHICLE



AT - 12.5m ADL Double Decker

Overall Length	12.500m
Overall Width	2.550m
Overall Body Height	4.200m
Min Body Ground Clearance	0.364m
Track Width	2.550m
Lock-to-lock time	6.00s
Wall to Wall turning Radius	11.749m



VT1308



TDM TECHNICAL STANDARDS

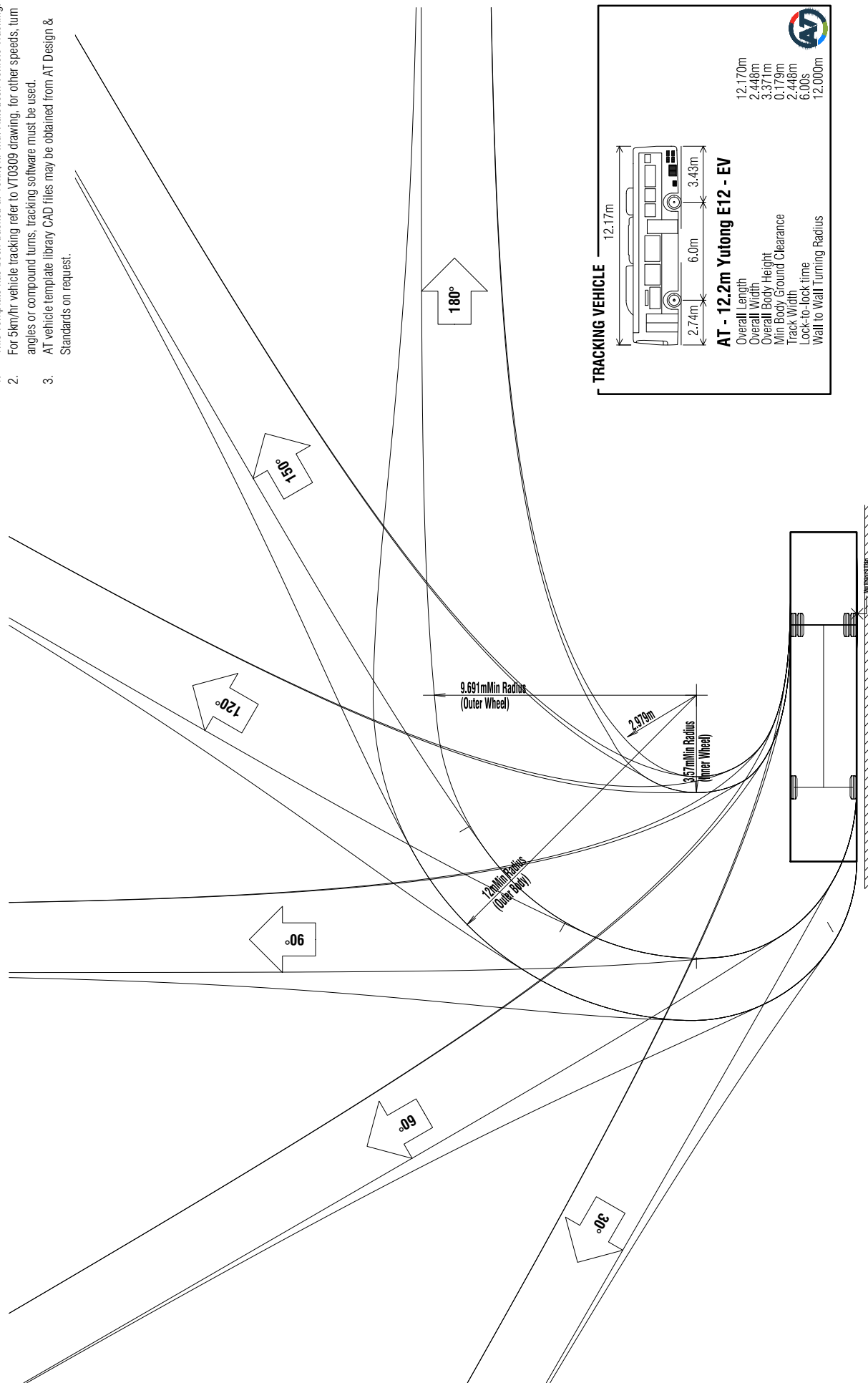
AT - 12.2m Yutong E12 - EV

Date:	14/08/2024	
SED No.	VT1309	Version
		A

A4	1:200	
A3	1:100	

Notes:

1. This Template has been tracked at 10km/hr with Autodesk Vehicle Tracking.
2. For 5km/hr vehicle tracking refer to VT0309 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.



TRACKING VEHICLE

AT - 12.2m Yutong E12 - EV

Overall Length	12.170m
Overall Width	2.448m
Min Body Ground Clearance	3.371m
Track Width	0.179m
Lock-to-lock time	2.448m
Wall to Wall Turning Radius	12.000m



TDM TECHNICAL STANDARDS

NZTA - 1.6m - 95th Mobility Scooter

Date: 14/08/2024

SED No.

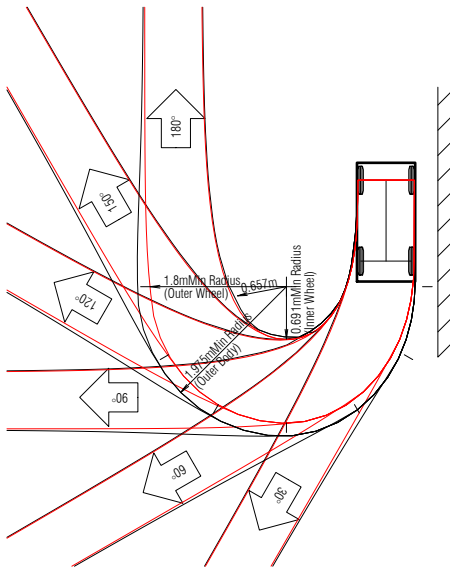
VT1400

Version

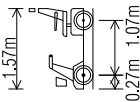
A

Notes:

1. This Template has been tracked at 10km/hr with Autodesk Vehicle Tracking.
2. For 5km/hr vehicle tracking refer to VT0400 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.



TRACKING VEHICLE



NZTA - 1.6m - 95th Mobility Scooter

Overall Length	1.570m
Overall Width	0.770m
Overall Body Height	1.245m
Min Body Ground Clearance	0.185m
Max Track Width	0.750m
Lock-to-lock time	2.00s
Curb to Curb Turning Radius	1.800m





TDM TECHNICAL STANDARDS

AT - 9.3m - 85th Car with VLT

Date: 14/08/2024

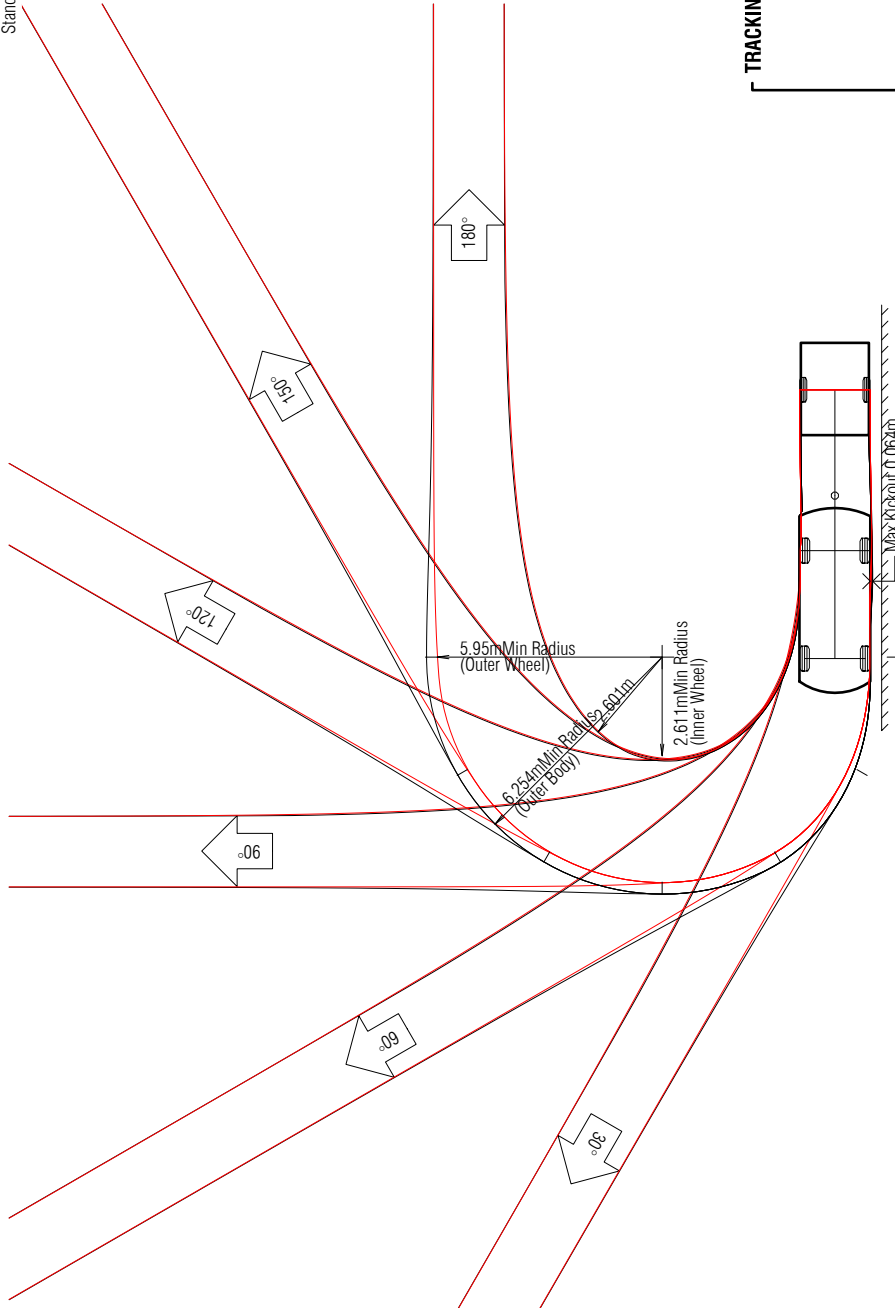
SED No. Version

VT1401

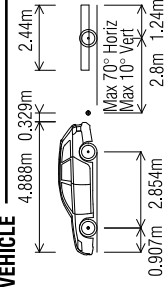
A

Notes:

1. This Template has been tracked at 10km/hr with Autodesk Vehicle Tracking.
2. For 5km/hr vehicle tracking refer to VT0401 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.



TRACKING VEHICLE



AT - 9.3m - 85th Car with VLT

Overall Length	9.257m
Overall Width	1.874m
Overall Body Height	1.440m
Min Body Ground Clearance	0.138m
Max Track Width	1.860m
Lock-to-lock time	4.00s
Curb to Curb Turning Radius	5.950m





TDM TECHNICAL STANDARDS

AT - 10.2m - 85th Car with Boat

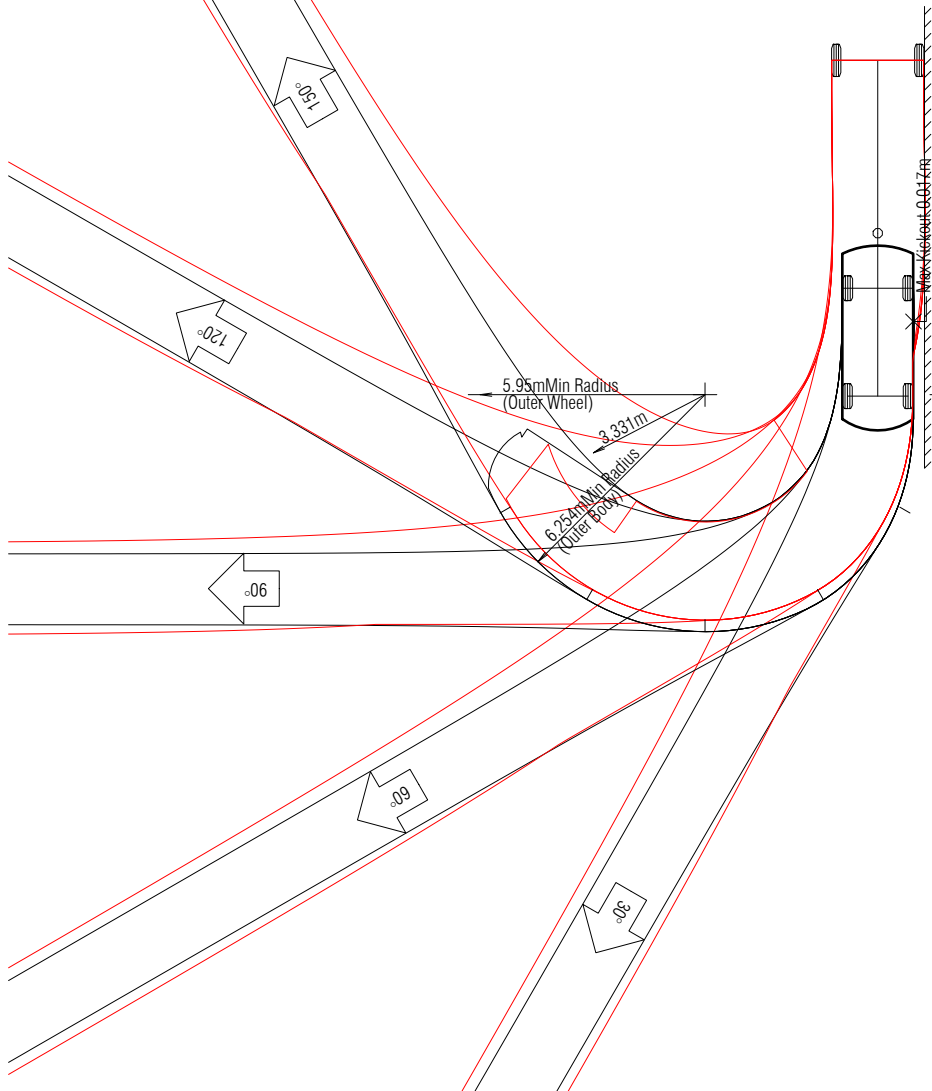
Date: 14/08/2024

SED No. Version

VT1402

A

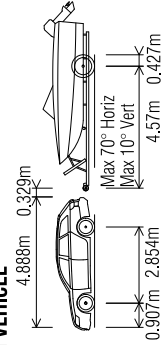
A4	1:200	0	10m
A3	1:100		



Notes:

1. This Template has been tracked at 10km/hr with Autodesk Vehicle Tracking.
2. For 5km/hr vehicle tracking refer to VT0402 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

TRACKING VEHICLE



AT - 10.2m - 85th Car with Boat

Overall Length	10.214m
Overall Width	1.874m
Overall Body Height	1.932m
Min Body Ground Clearance	0.138m
Max Track Width	2.440m
Lock-to-lock time	4.00s
Curb to Curb Turning Radius	5.950m



VT1402



TDM TECHNICAL STANDARDS

AT - 14.3m - 85th Car with Caravan

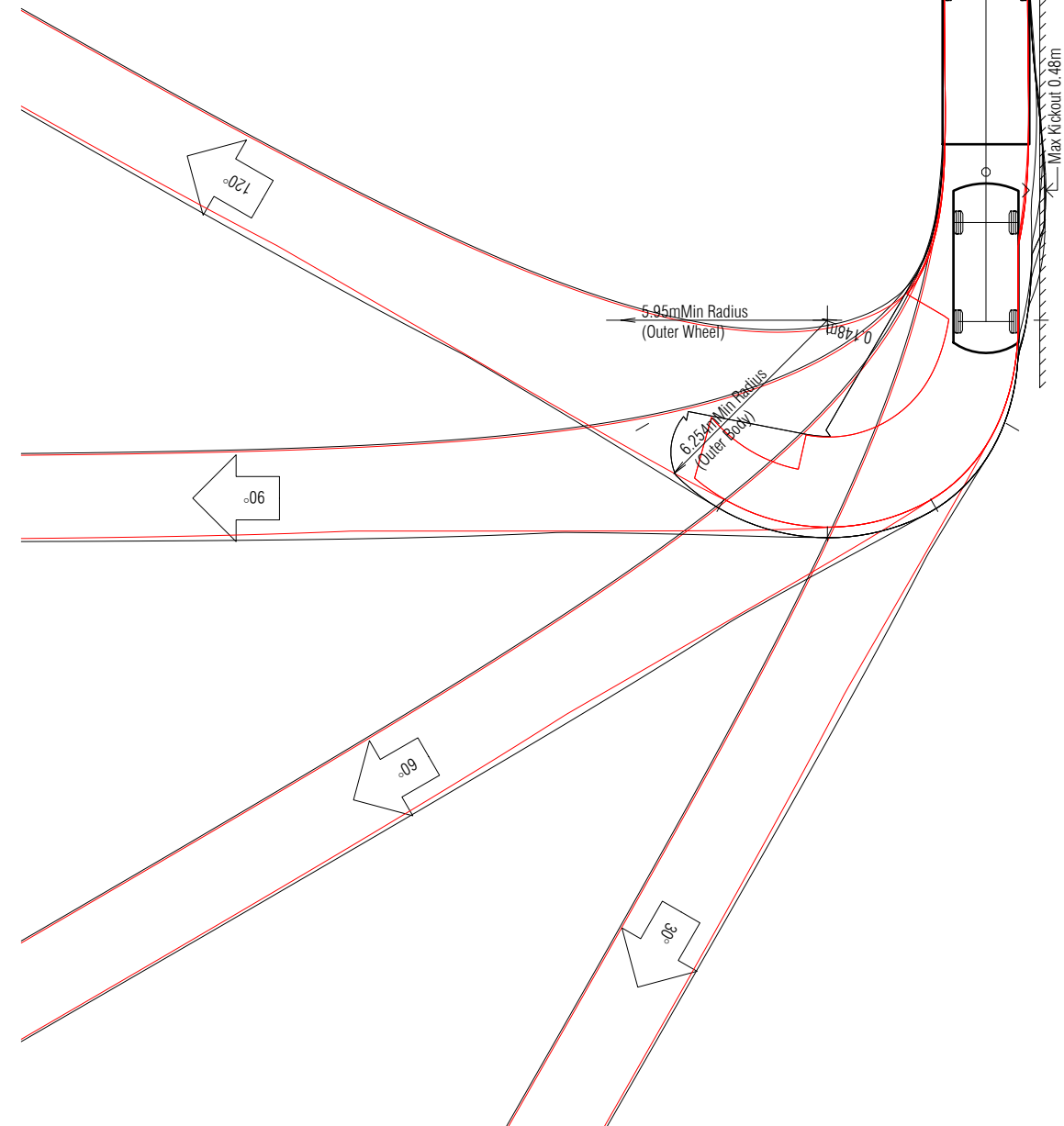
Date: 14/08/2024

SED No.

VT1403

Version

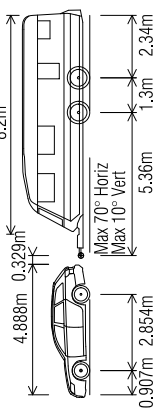
A



A4	1:200	0	10m
A3	1:100		

- Notes:
1. This template has been tracked at 10km/hr with Autodesk Vehicle Tracking.
 2. For 5km/hr vehicle tracking refer to VT0403 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
 3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

TRACKING VEHICLE



AT - 14.3m - 85th Car with Caravan

Overall Length	14.217m
Overall Width	2.500m
Overall Body Height	2.525m
Min Body Ground Clearance	0.138m
Max Track Width	2.400m
Lock-to-lock time	4.00s
Curb to Curb Turning Radius	5.950m



VT1403

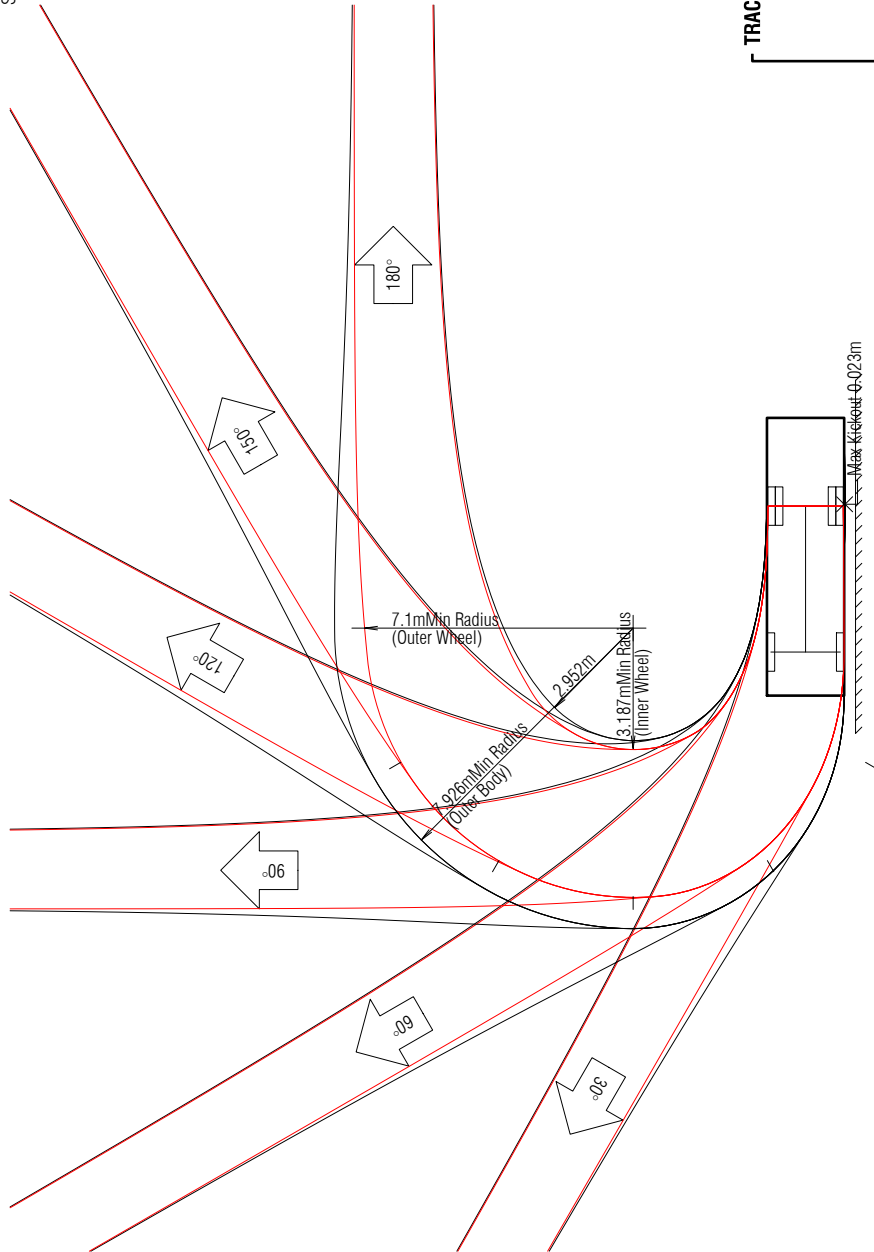
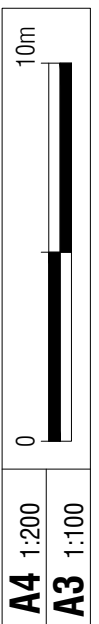


TDM TECHNICAL STANDARDS

AT - 7.3m - Rubbish Truck- Rear load

Date: 14/08/2024

SED No. VT1404 Version A



TRACKING VEHICLE

AT - 7.3m - Rubbish Truck - Rear load

Overall Length	7.346m
Overall Width	2.043m
Overall Body Height	3.703m
Min Body Ground Clearance	1.152m
Max Track Width	2.043m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	7.100m

Notes:

1. This Template has been tracked at 10km/hr with Autodesk Vehicle Tracking.
2. For 5km/hr vehicle tracking refer to VT0404 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

VT1404

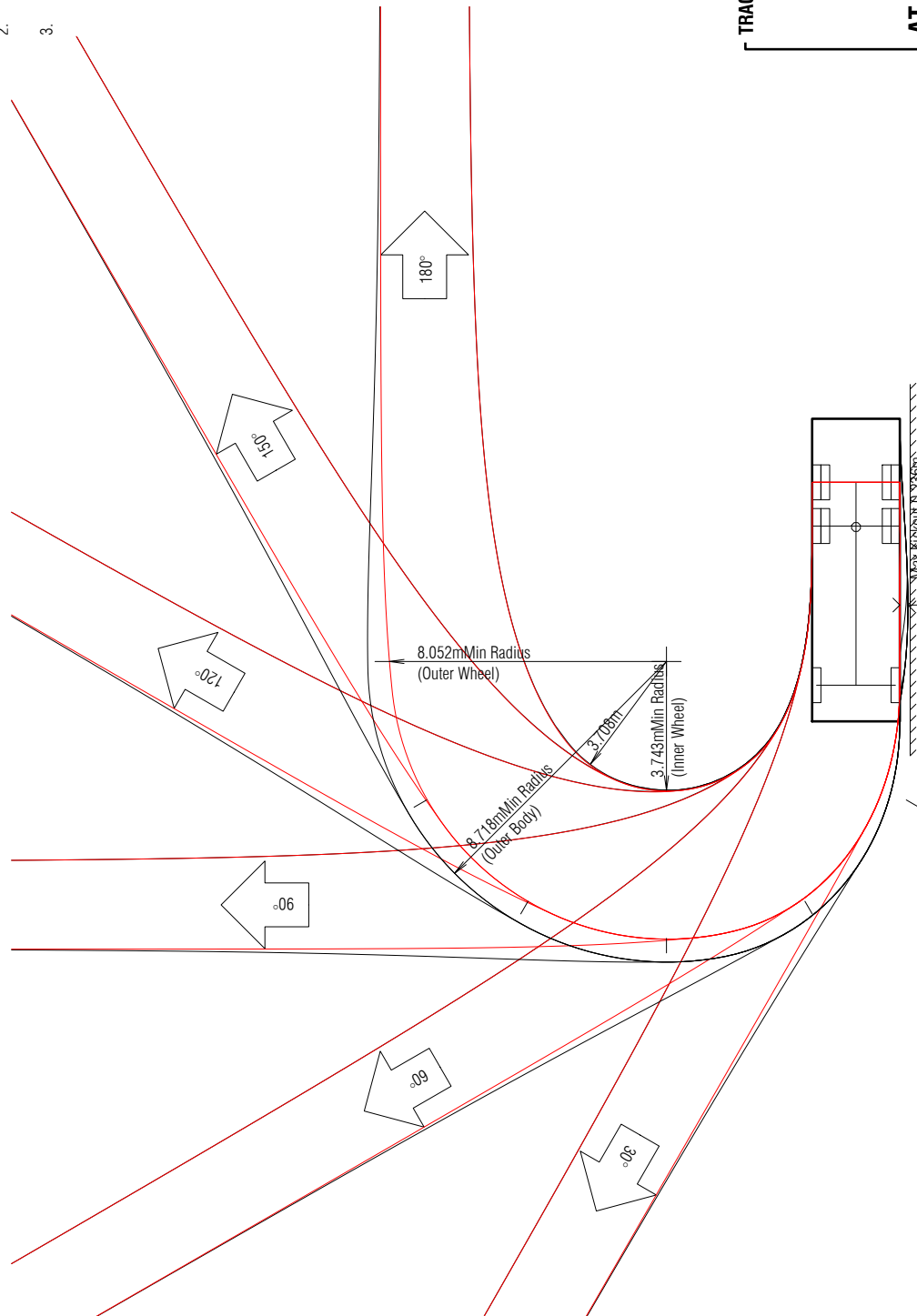


TDM TECHNICAL STANDARDS

AT - 8.8m - Rubbish Truck- Front load - Fixed Rear

Date: 14/08/2024

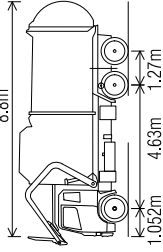
SED No. VT1405 Version A



Notes:

1. This Template has been tracked at 10km/hr with Autodesk Vehicle Tracking.
2. For 5km/hr vehicle tracking refer to VT0405 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

TRACKING VEHICLE



AT - 8.8m - Rubbish Truck - Front load

Overall Length	8.800m
Overall Width	2.530m
Overall Body Height	4.088m
Min Body Ground Clearance	0.415m
Track Width	2.550m
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	45.00°



VT1405

A4 1:200	0	10m
A3 1:100		

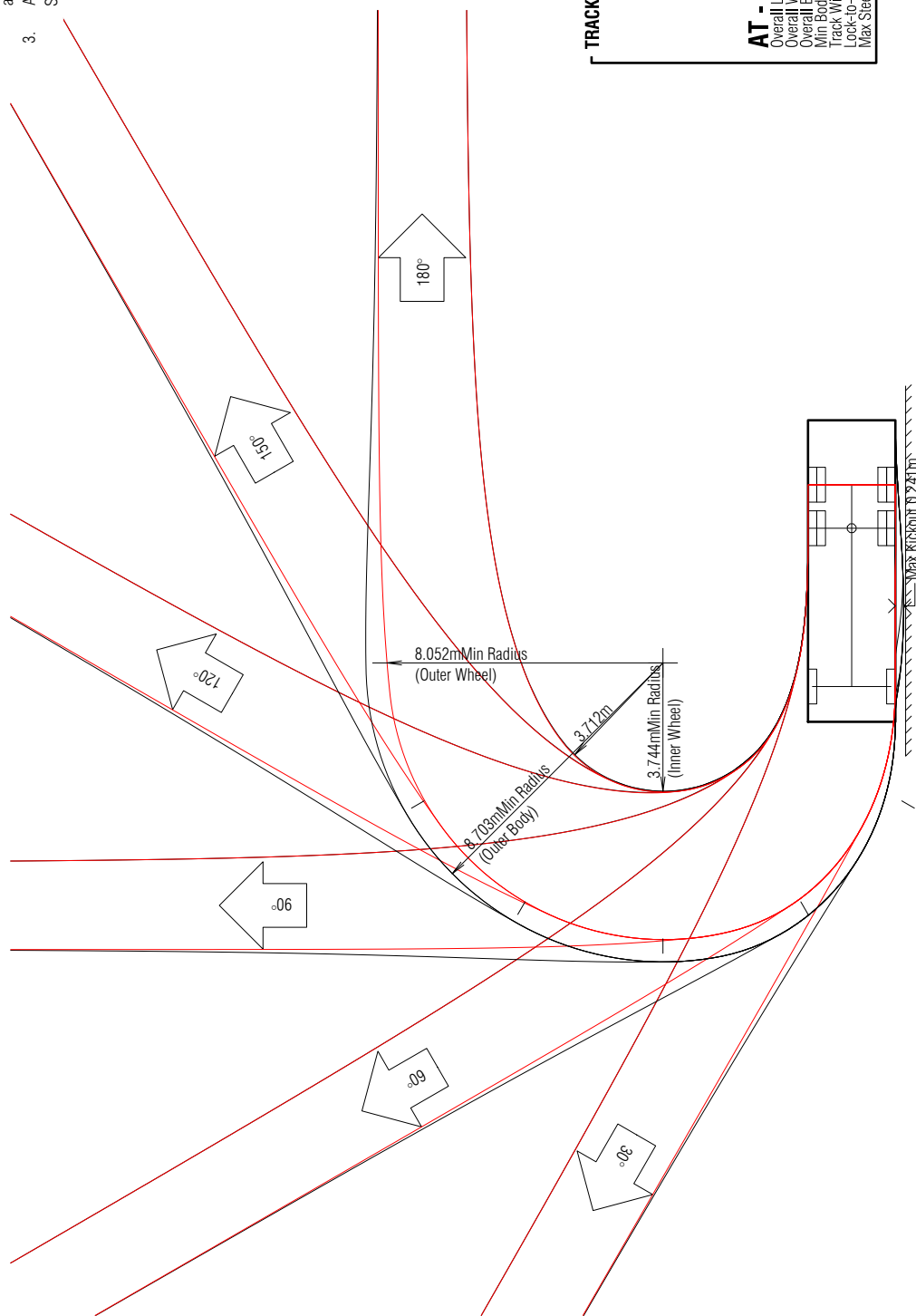
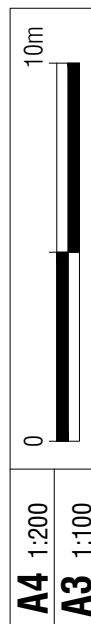


TDM TECHNICAL STANDARDS

AT - Rubbish - 8.8m - Side Load - Rear Steer

Date: 14/08/2024

SED No. VT1406 Version A



TRACKING VEHICLE

AT - Rubbish - 8.8m - Side load

Overall Length	8.800m
Overall Width	2.550m
Overall Body Height	3.821m
Min Body Ground Clearance	0.443m
Track Width	2.550m
Lock-to-Lock time	6.00s
Max Steering Angle (Virtual)	45.00°

- Notes:
1. This Template has been tracked at 10km/hr with Autodesk Vehicle Tracking.
 2. For 5km/hr vehicle tracking refer to VT0406 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
 3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.



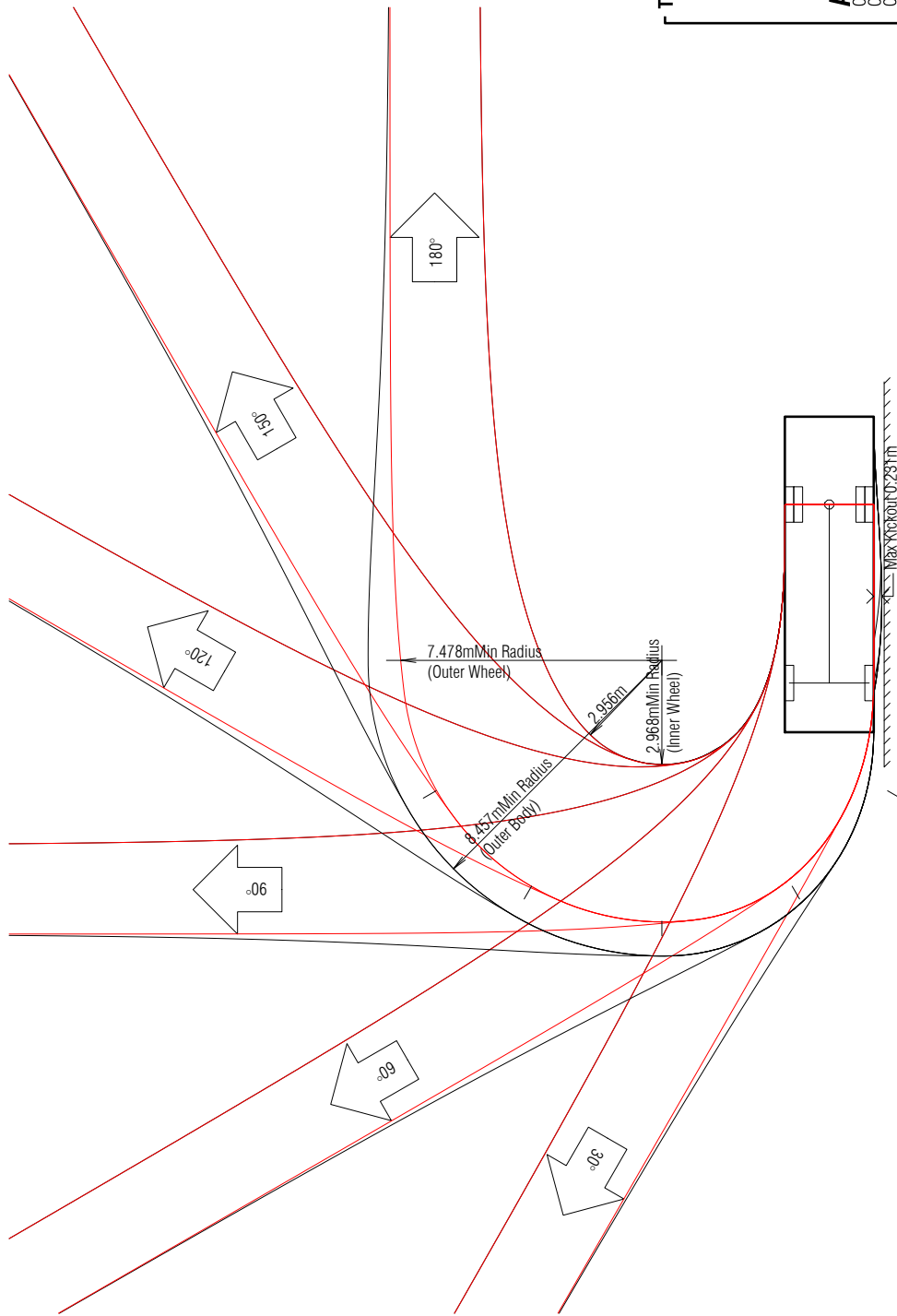
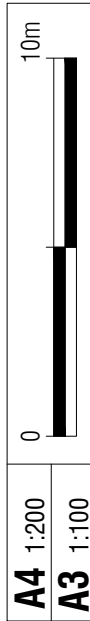
TDM TECHNICAL STANDARDS

AT - 9.1m - Fire Truck - STD Pumper

Date: 14/08/2024

SED No. VT1407

Version A



TRACKING VEHICLE

AT - 9.1m - Fire Truck - STD Pumper

Overall Length	9.050m
Overall Width	2.550m
Overall Body Height	3.246m
Min Body Ground Clearance	0.274m
Track Width	2.550m
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	49.70°

Notes:

1. This Template has been tracked at 10km/hr with Autodesk Vehicle Tracking.
2. For 5km/hr vehicle tracking refer to VT0407 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

VT1407



TDM TECHNICAL STANDARDS

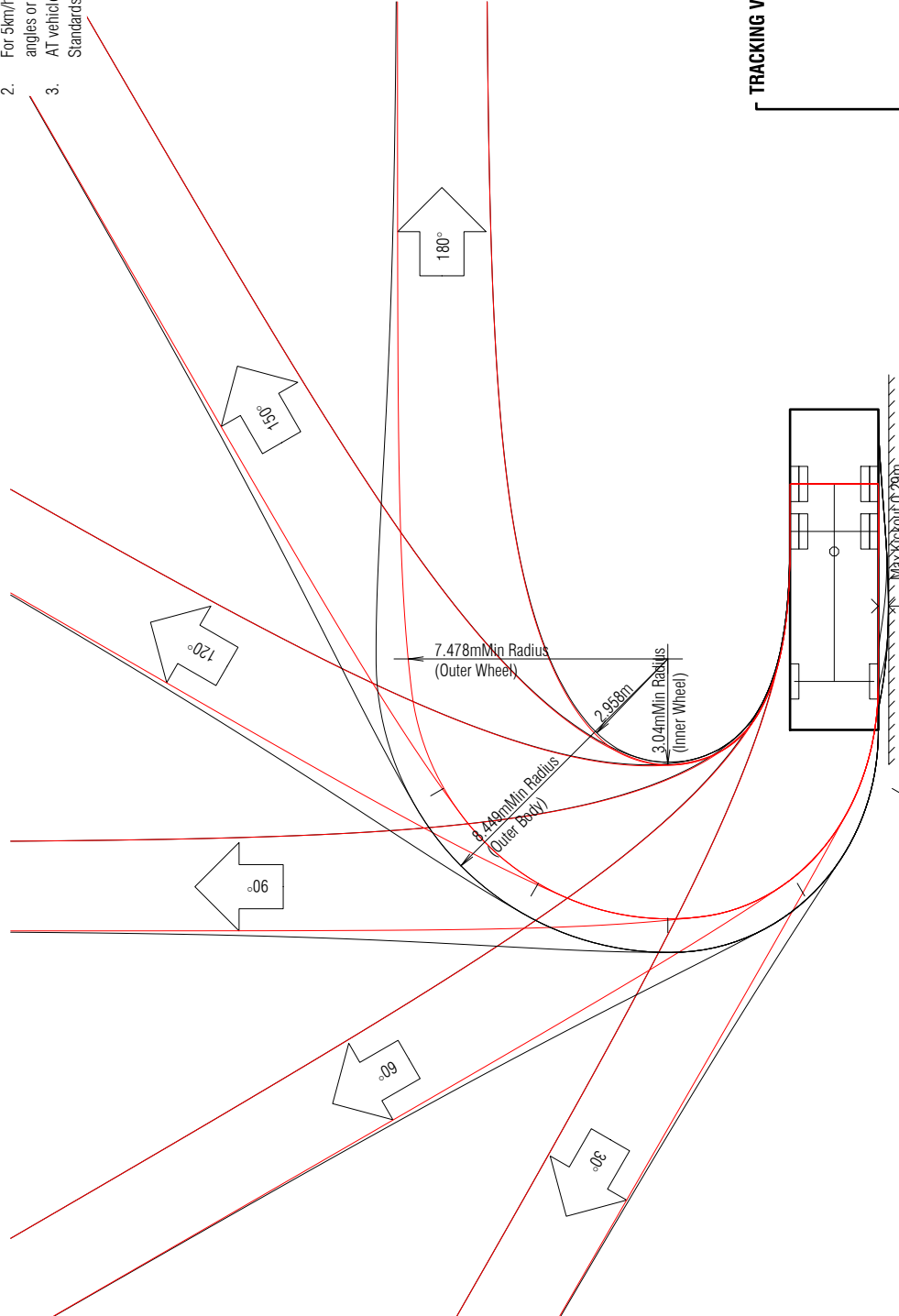
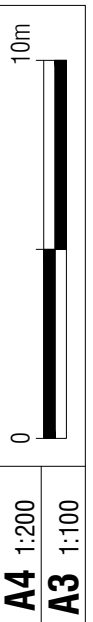
AT - 9.3m - Fire Truck - Aerial unit

Date: 14/08/2024

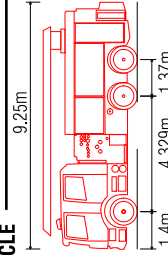
SED No. Version

VT1408

A



TRACKING VEHICLE



AT - 9.3m - Fire Truck - Aerial unit

Overall Length	9.250m
Overall Width	2.550m
Overall Body Height	3.524m
Min Body Ground Clearance	0.274m
Track Width	2.550m
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	49.70°



Notes:

1. This Template has been tracked at 10km/hr with Autodesk Vehicle Tracking.
2. For 5km/hr vehicle tracking refer to VT0408 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

VT1408

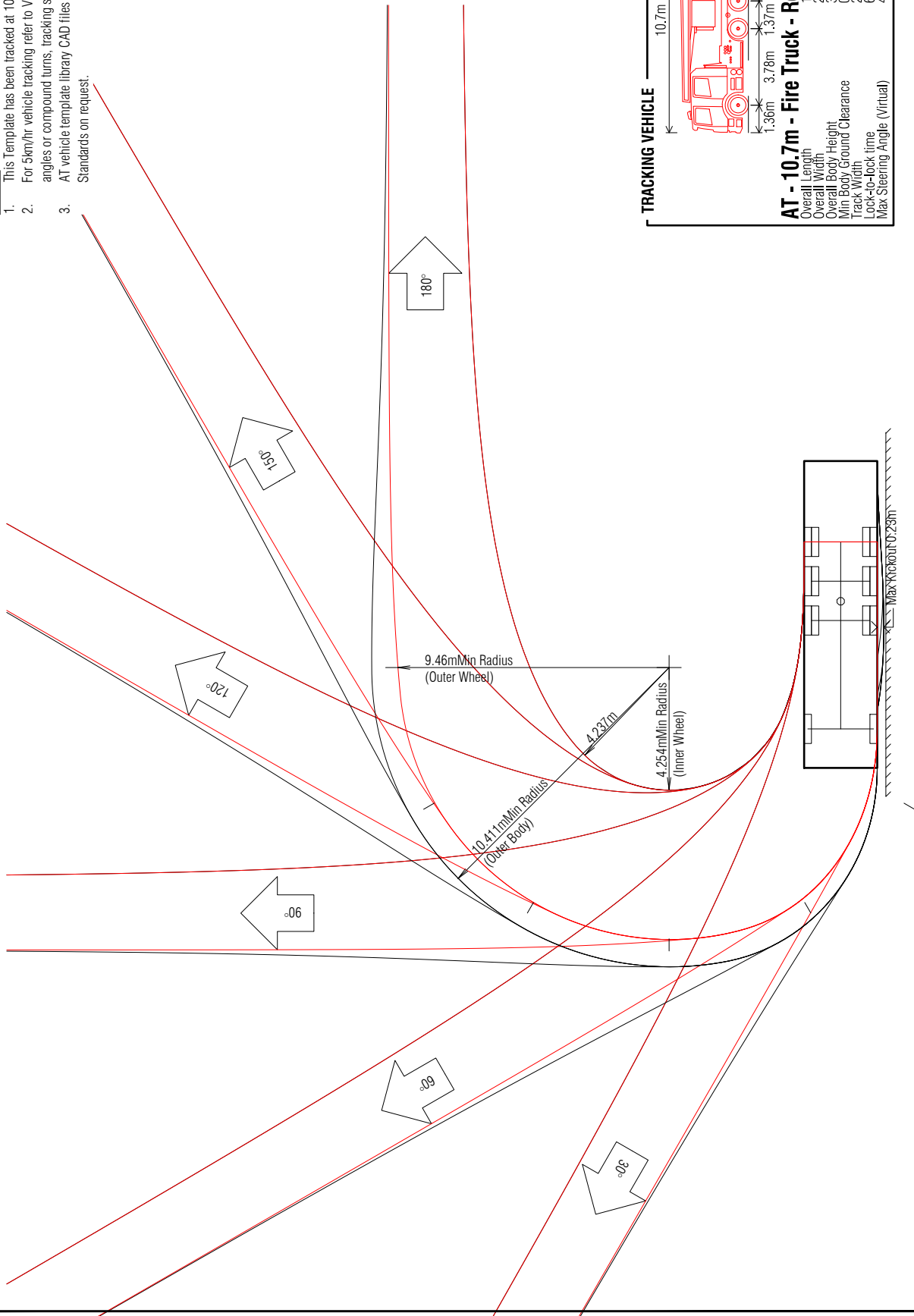
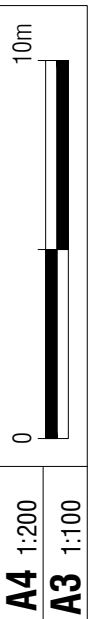


TDM TECHNICAL STANDARDS

AT - 10.7m - Fire Truck - Rotary Ladder

Date: 14/08/2024

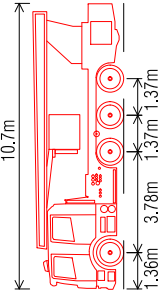
SED No. VT1409 Version A



Notes:

1. This Template has been tracked at 10km/hr with Autodesk Vehicle Tracking.
2. For 5km/hr vehicle tracking refer to VT0409 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

TRACKING VEHICLE



AT - 10.7m - Fire Truck - Rotary Ladder Truck

Overall Length 10.700m
Overall Width 2.550m
Overall Body Height 3.406m
Min Body Ground Clearance 0.173m
Track Width 2.550m
Lock-to-lock time 6.00s
Max Steering Angle (Virtual) 49.70°



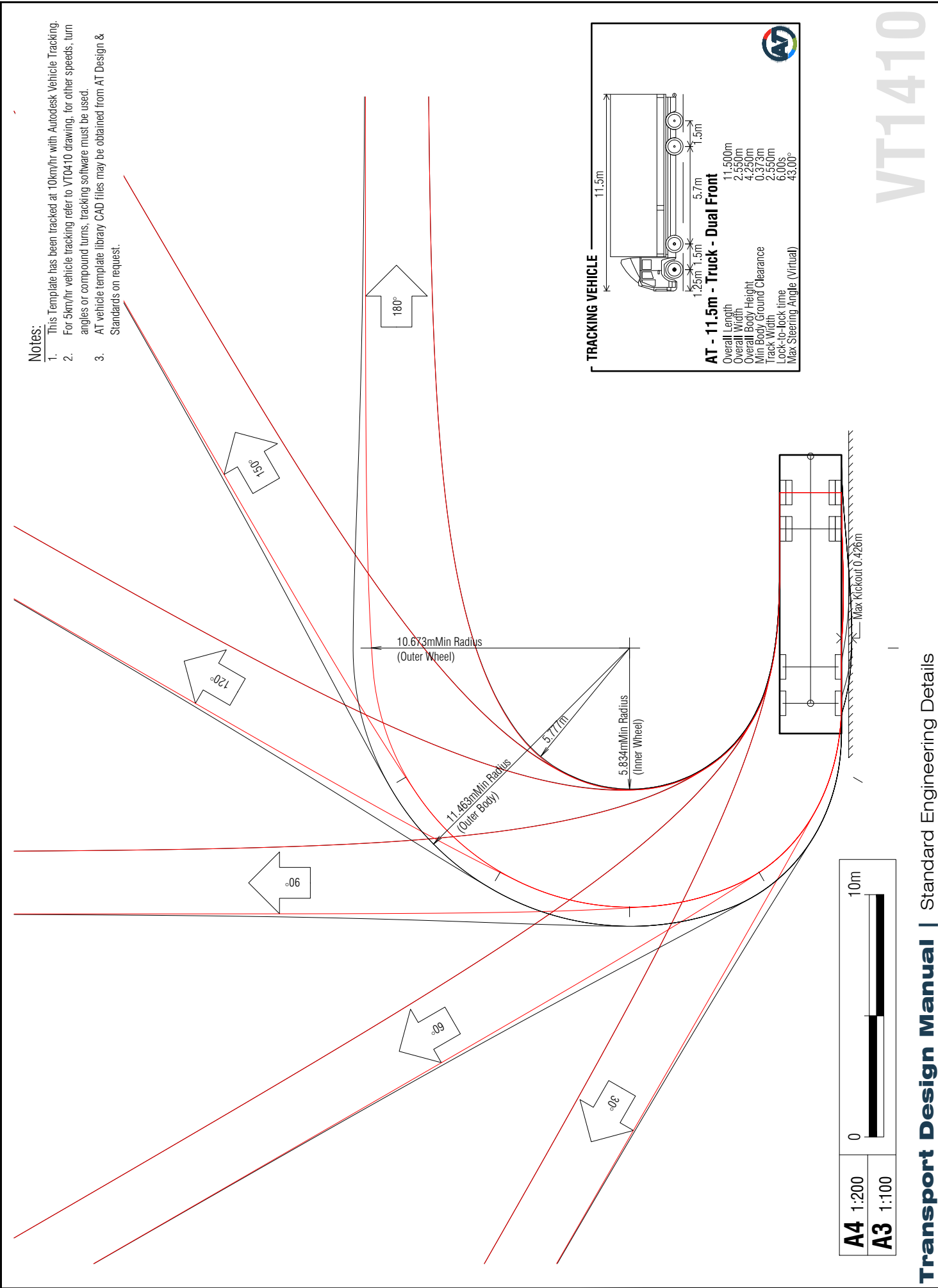
VT1409



TDM TECHNICAL STANDARDS

AT - 11.5m - Truck - Dual Front

Date:	14/08/2024	
SED No.	VT1410	Version
	A	



VT1410



TDM TECHNICAL STANDARDS

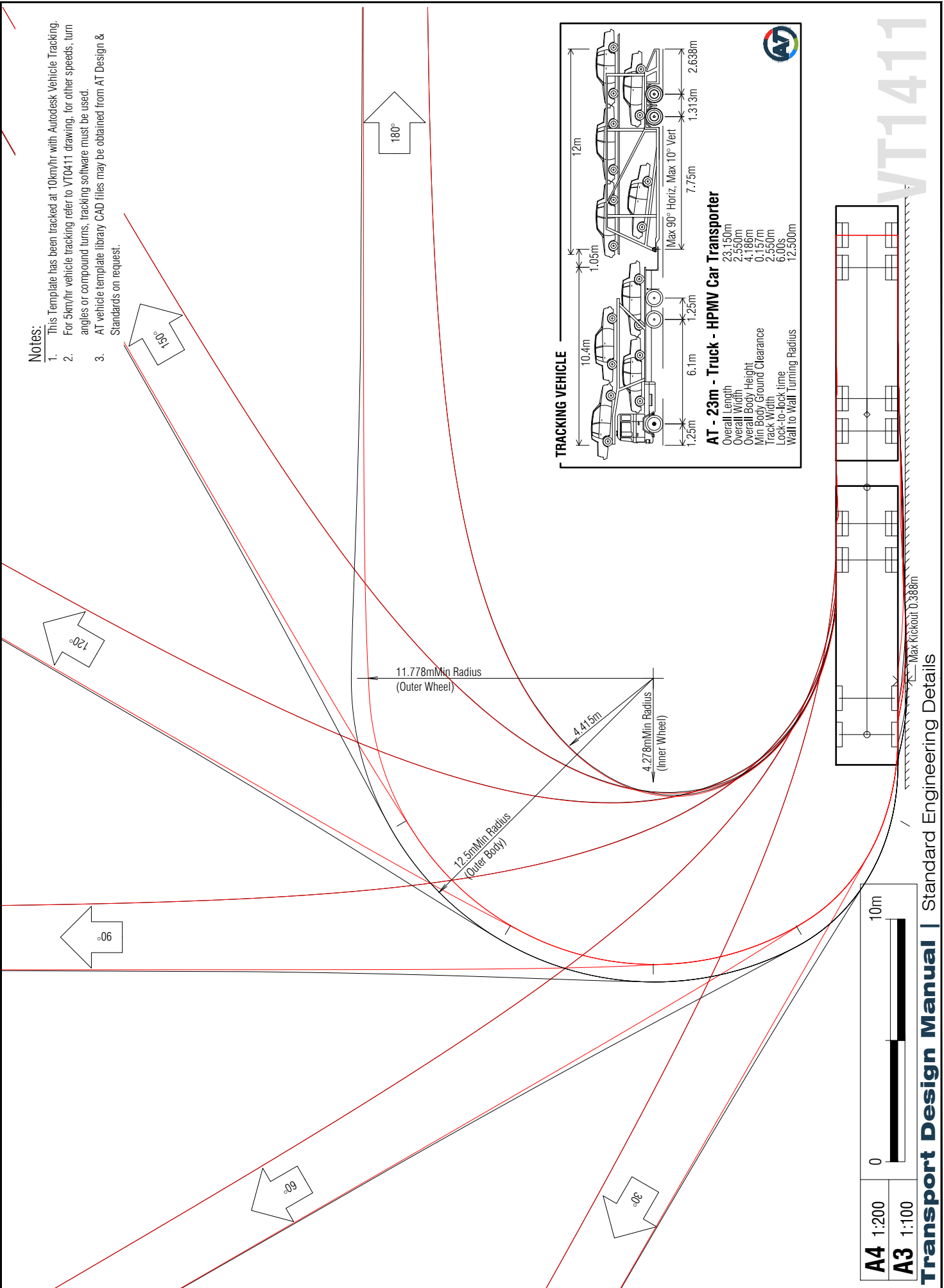
AT - 23m - Truck- HPMV Car Transporter

Date: 14/08/2024

SED No. Version

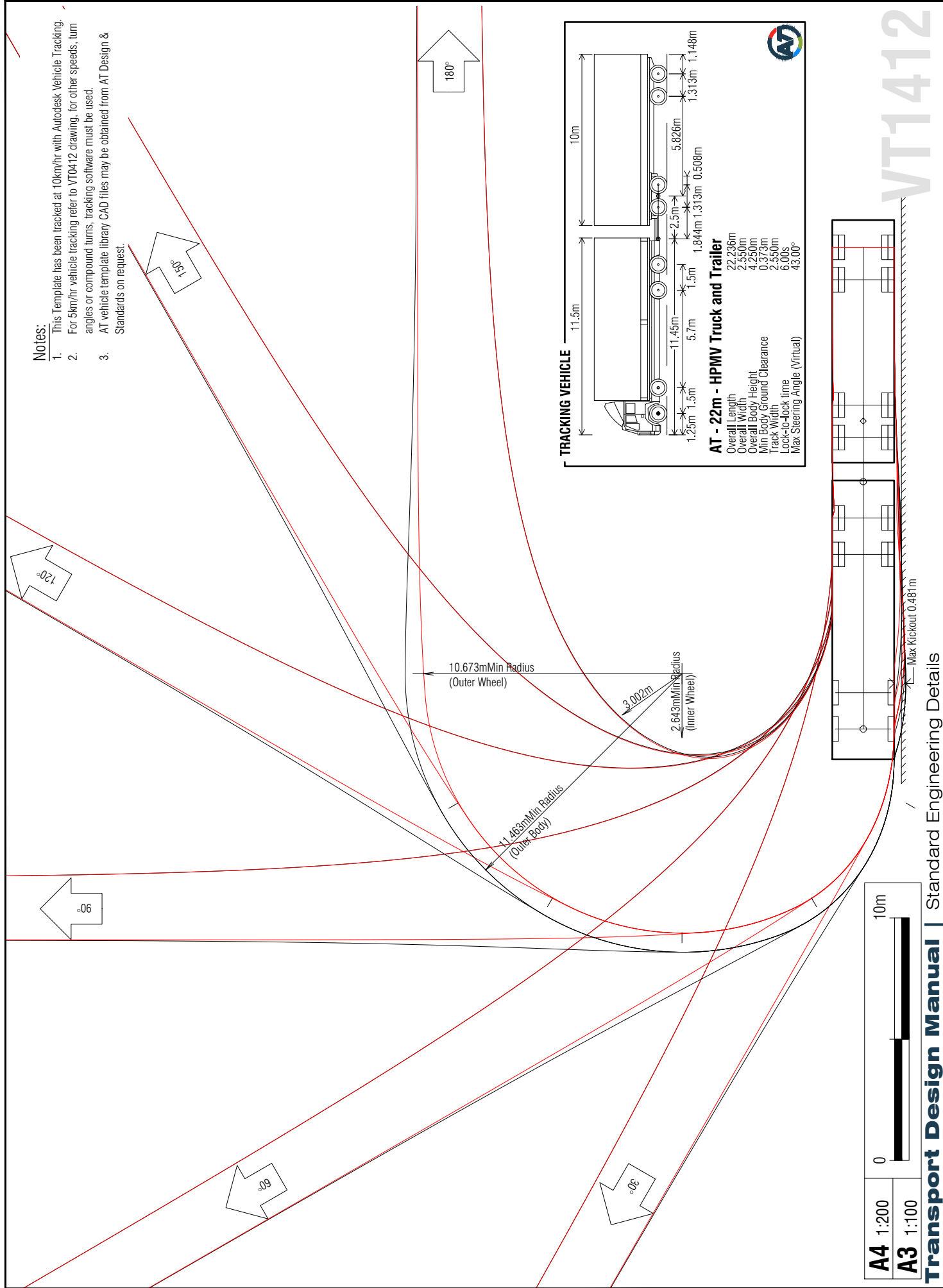
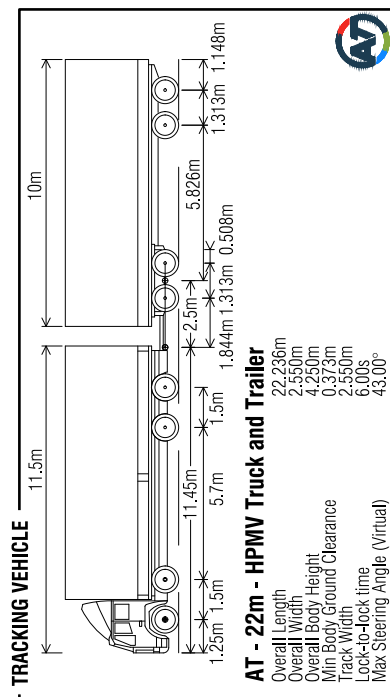
VT1411

A



Notes:

1. This Template has been tracked at 10km/hr with Autodesk Vehicle Tracking.
2. For 5km/hr vehicle tracking refer to VT0412 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.



AT - 22m - HPMV Truck and Trailer

Date: 14/08/2024

SED No.

Version

VT1412

A

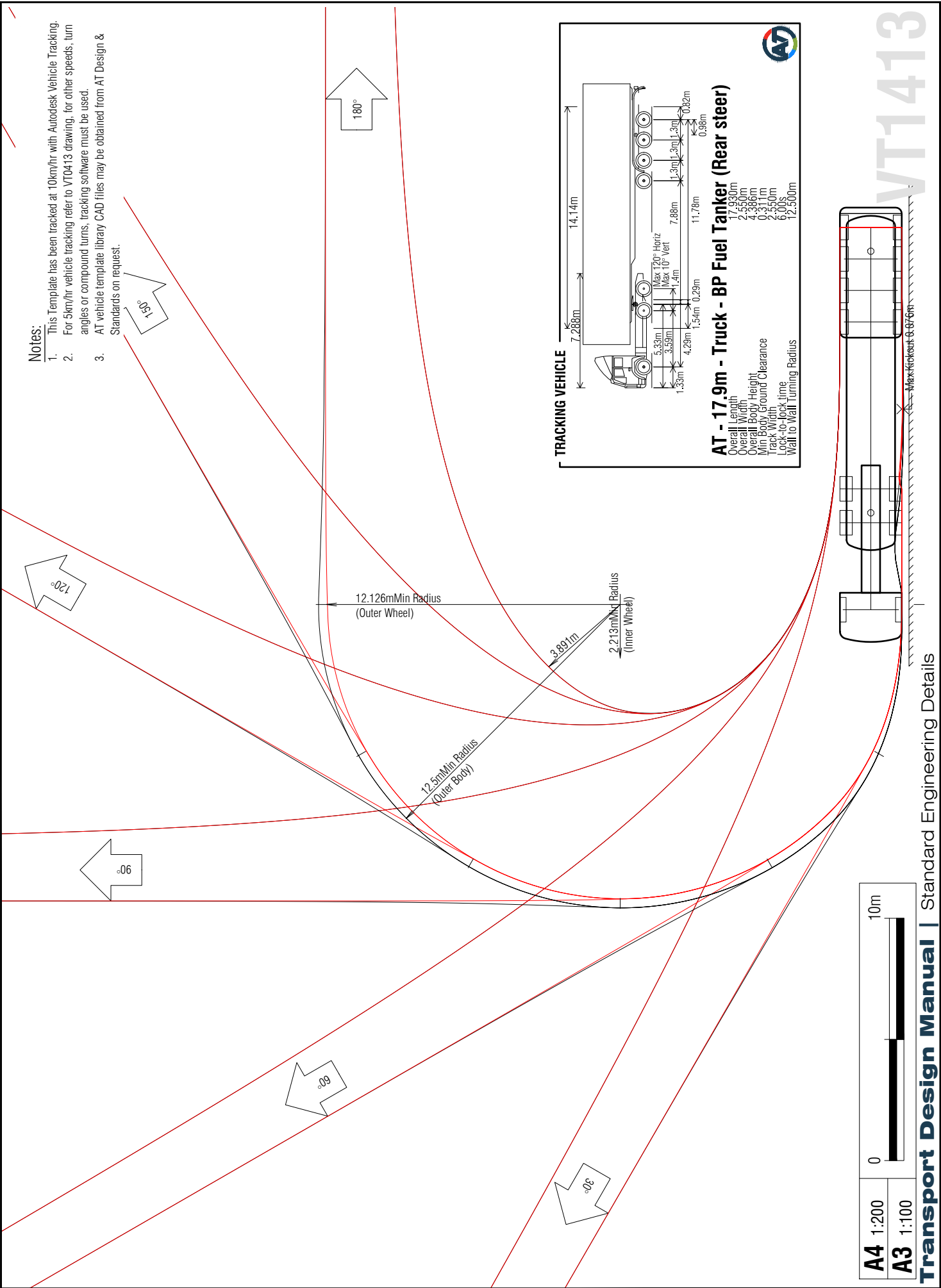


TDM TECHNICAL STANDARDS

AT - 17.9m - Truck - BP Fuel Tanker (Rear steer)

Date: 14/08/2024

SED No. VT1413 Version A

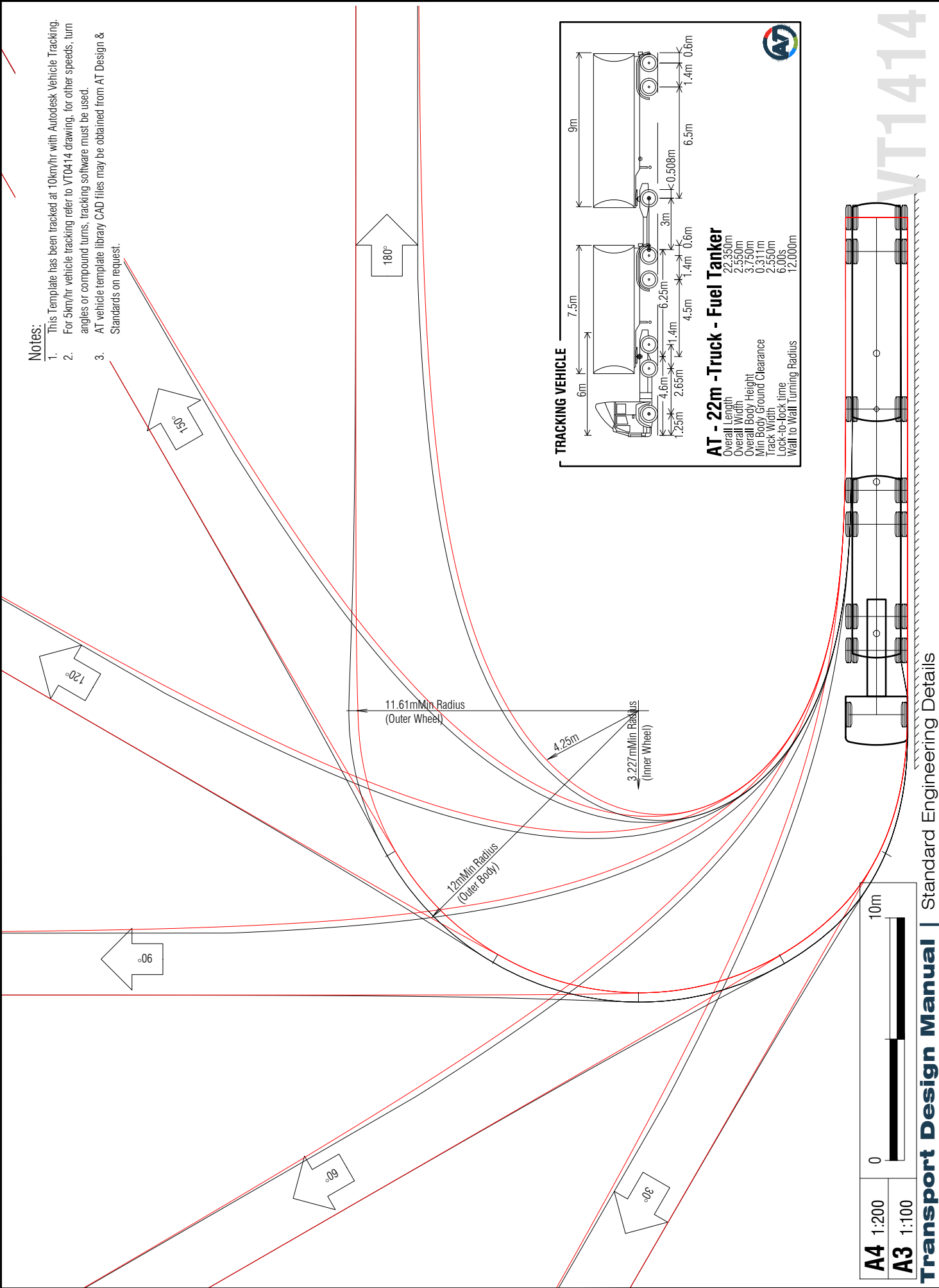




TDM TECHNICAL STANDARDS

AT - 22m - Truck - Fuel Tanker

Date:	14/08/2024	
SED No.	VT1414	Version
A4 1:200	A3 1:100	A



Notes:

1. This Template has been tracked at 10km/hr with Autodesk Vehicle Tracking.
2. For 5km/hr vehicle tracking refer to VT0414 drawing, for other speeds, turn angles or compound turns, tracking software must be used.
3. AT vehicle template library CAD files may be obtained from AT Design & Standards on request.

