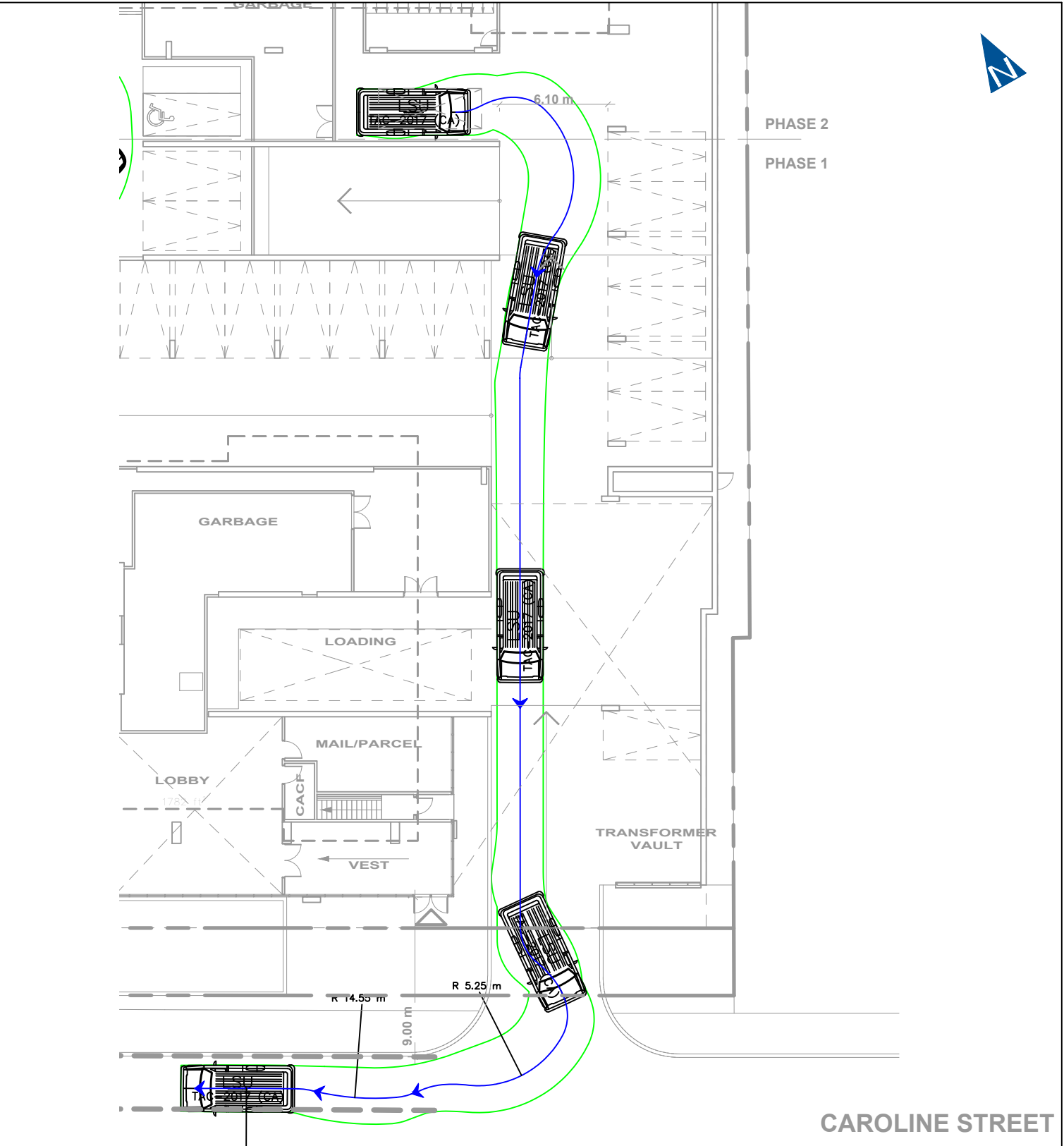
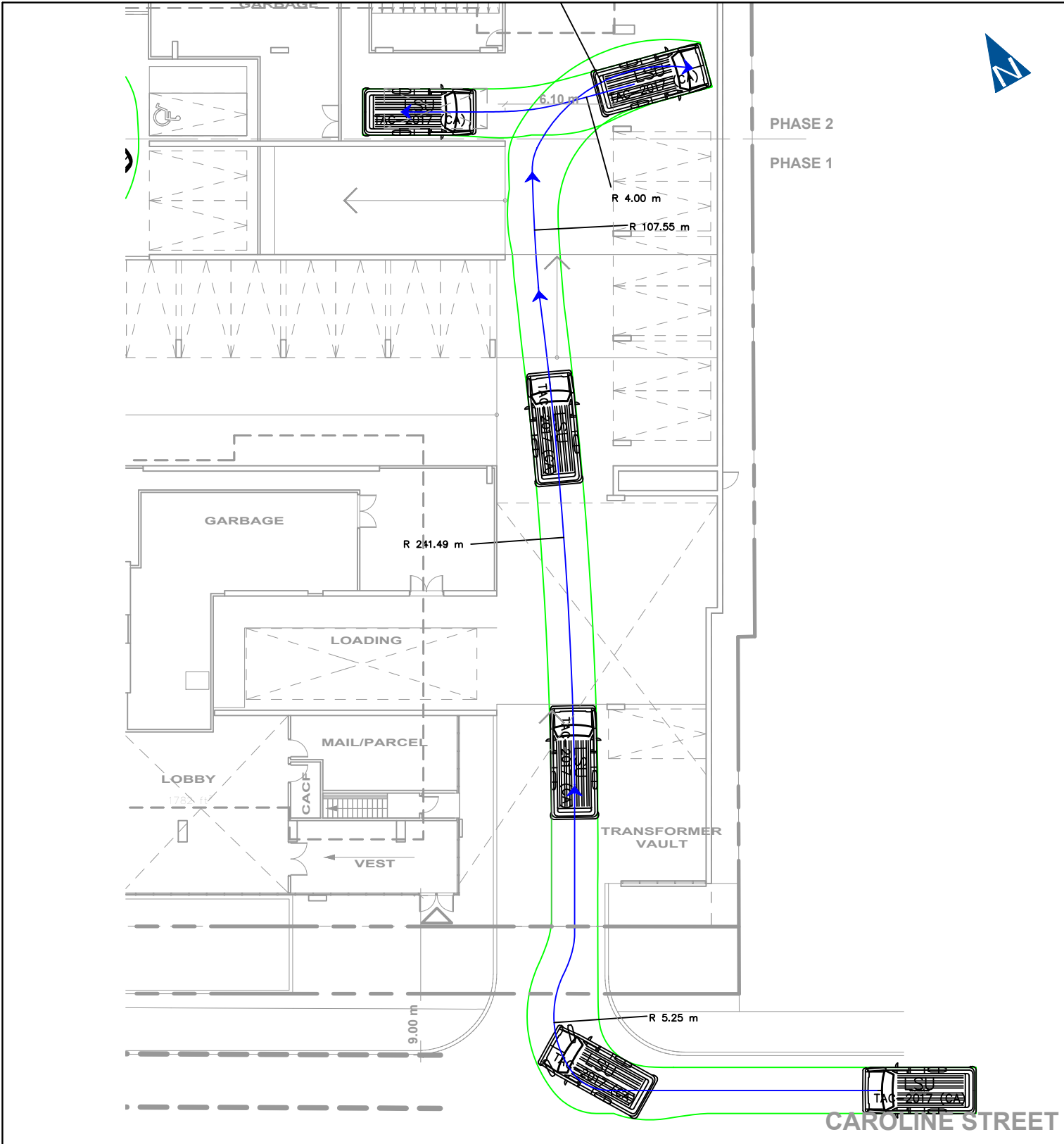


THIS AUTOTURN SWEEP PATH ANALYSIS HAS BEEN PREPARED USING BASE PLANS PROVIDED BY OTHERS. THE PRACTITIONER HAS NOT INSPECTED THE ACCURACY AND/OR THE COMPLETENESS OF THESE BASE PLANS AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT.



NO.	DATE	INITIAL	REVISION DETAIL

DESIGN VEHICLE:

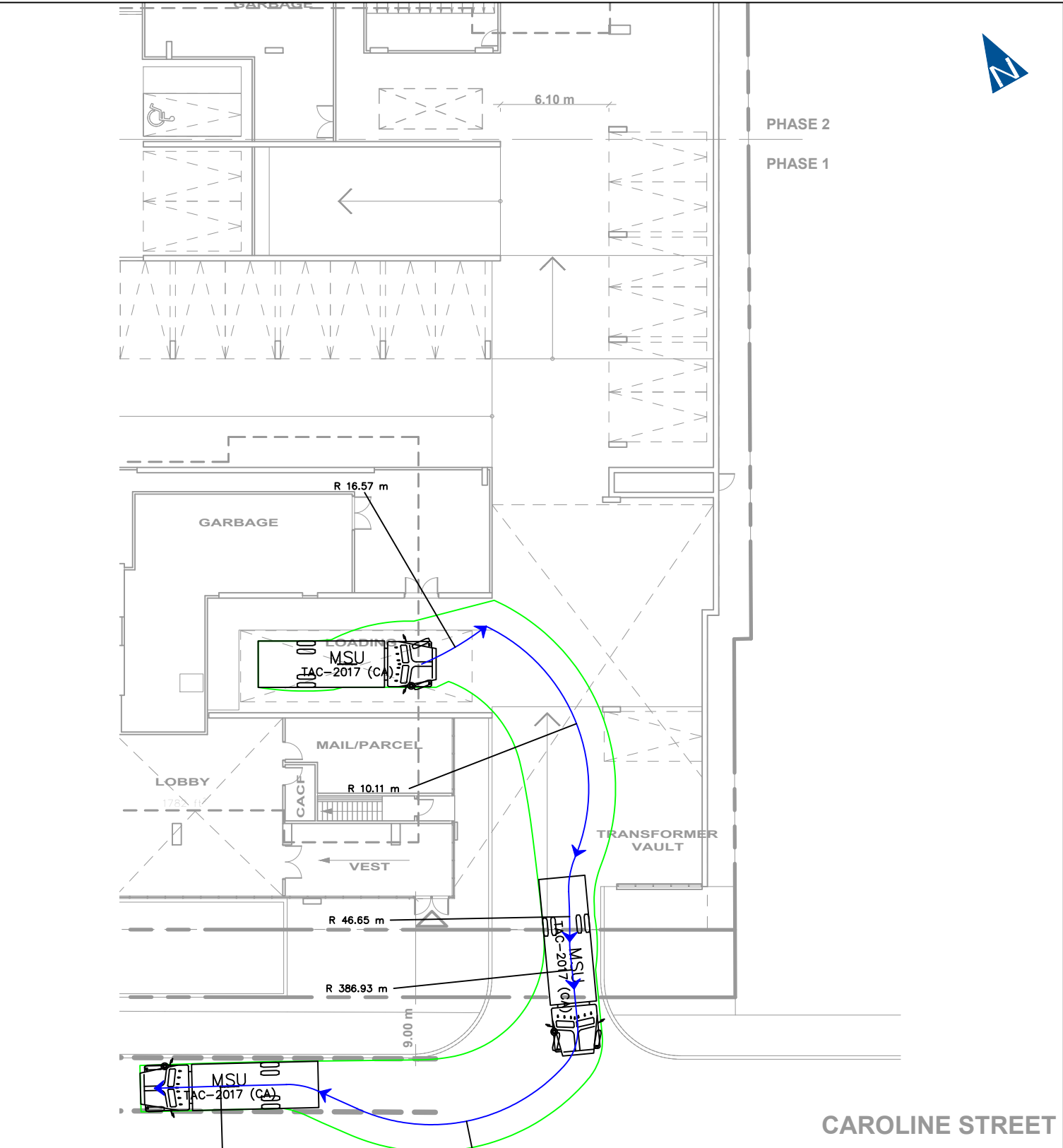
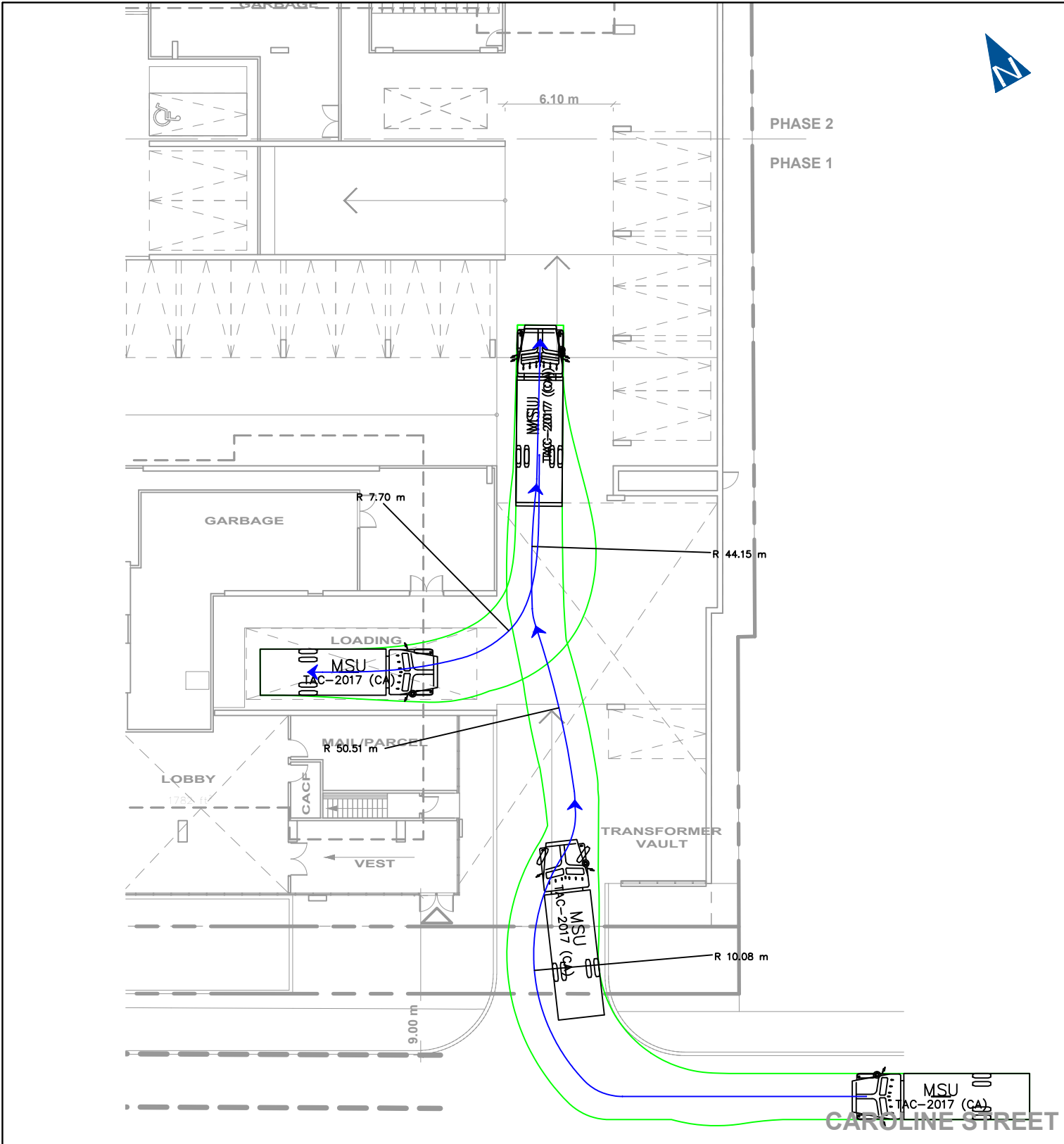
LSU

Width : 2.60
Track : 2.60
Lock to Lock Time : 6.0
Steering Angle : 40.3

AUTOTURN ASSESSMENT
171 KING STREET SOUTH
WATERLOO, ON

PROJECT NO.: 250137	DATE: JULY 2025	SCALE: 1:300	DRAWING NO.: 01
DESIGN: CC	DRAWN: CC	CHECK: MB	

THIS AUTOTURN SWEEP PATH ANALYSIS HAS BEEN PREPARED USING BASE PLANS PROVIDED BY OTHERS. THE PRACTITIONER HAS NOT INSPECTED THE ACCURACY AND/OR THE COMPLETENESS OF THESE BASE PLANS AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT.



NO.	DATE	INITIAL	REVISION DETAIL

DESIGN VEHICLE:

MSU

Width : 2.60
Track : 2.60
Lock to Lock Time : 6.0
Steering Angle : 40.2

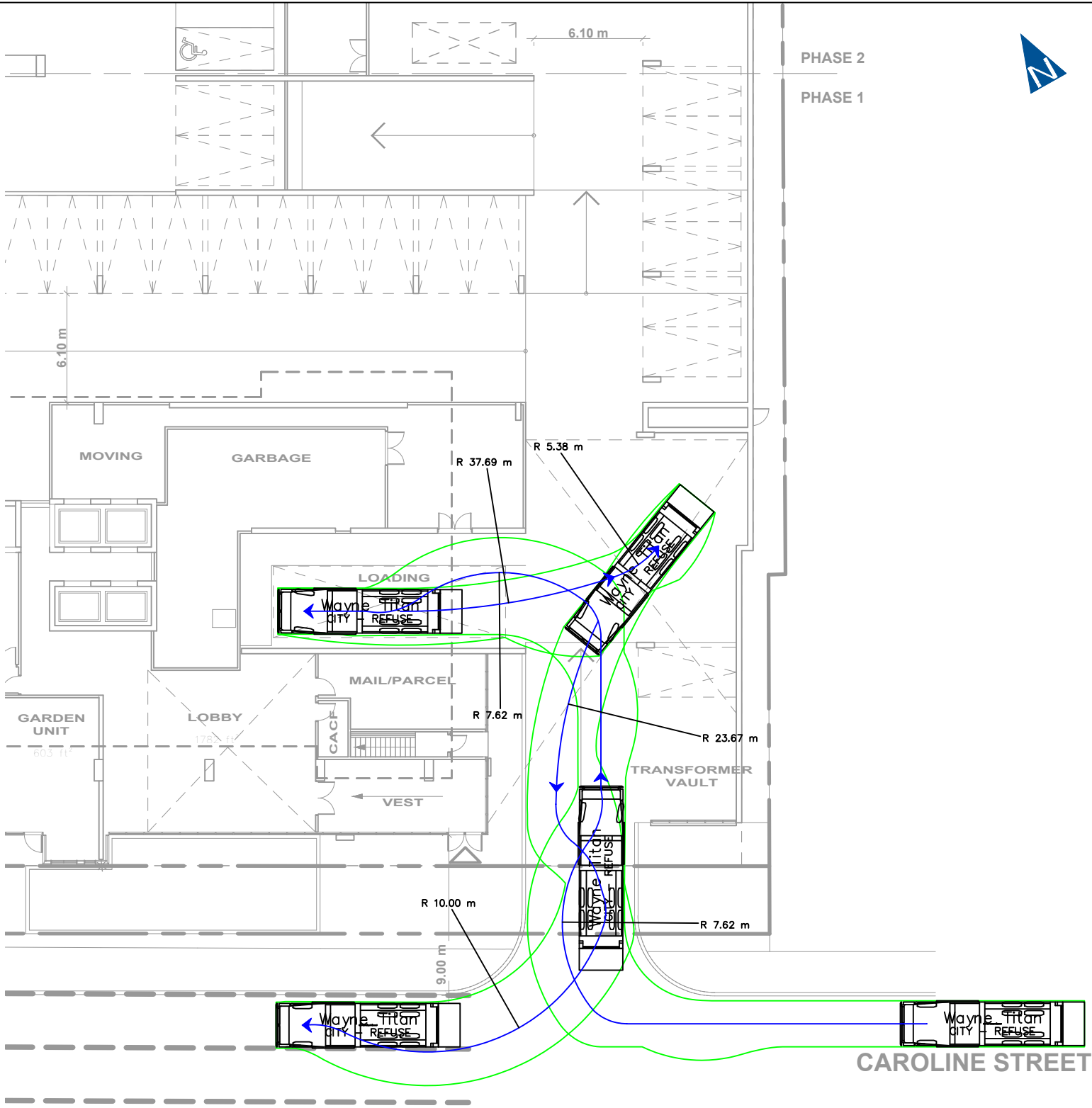
AUTOTURN ASSESSMENT

171 KING STREET SOUTH

WATERLOO, ON

PROJECT NO.: 250137	DATE: JULY 2025	SCALE: 1:300	DRAWING NO.: 02
DESIGN: CC	DRAWN: CC	CHECK: MB	

THIS AUTOTURN SWEEP PATH ANALYSIS HAS BEEN PREPARED USING BASE PLANS PROVIDED BY OTHERS. THE PRACTITIONER HAS NOT INSPECTED THE ACCURACY AND/OR THE COMPLETENESS OF THESE BASE PLANS AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT.



NO.	DATE	INITIAL	REVISION DETAIL

DESIGN VEHICLE:

Wayne Titan

meters

Width : 2.58
Track : 2.44
Lock to Lock Time : 6.0
Steering Angle : 45.0

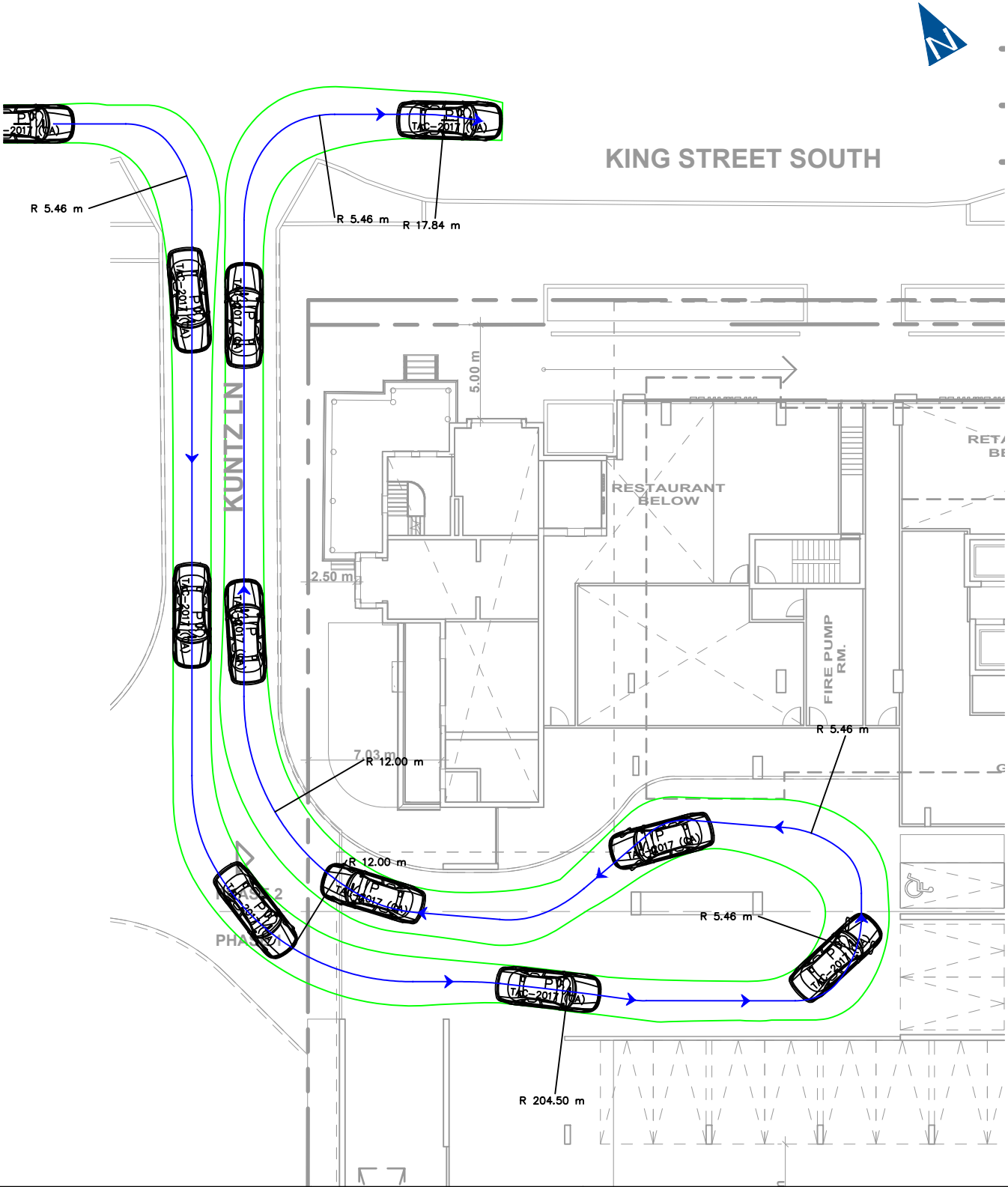
AUTOTURN ASSESSMENT

171 KING STREET SOUTH

WATERLOO, ON

PROJECT NO.: 250137	DATE: JULY 2025	SCALE: 1:300	DRAWING NO.: 03
DESIGN: CC	DRAWN: CC	CHECK: MB	

THIS AUTOTURN SWEEP PATH ANALYSIS HAS BEEN PREPARED USING BASE PLANS PROVIDED BY OTHERS. THE PRACTITIONER HAS NOT INSPECTED THE ACCURACY AND/OR THE COMPLETENESS OF THESE BASE PLANS AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT.



NO.	DATE	INITIAL	REVISION DETAIL

DESIGN VEHICLE:

P

Width	: 2.00
Track	: 2.00
Lock to Lock Time	: 6.0
Steering Angle	: 35.9

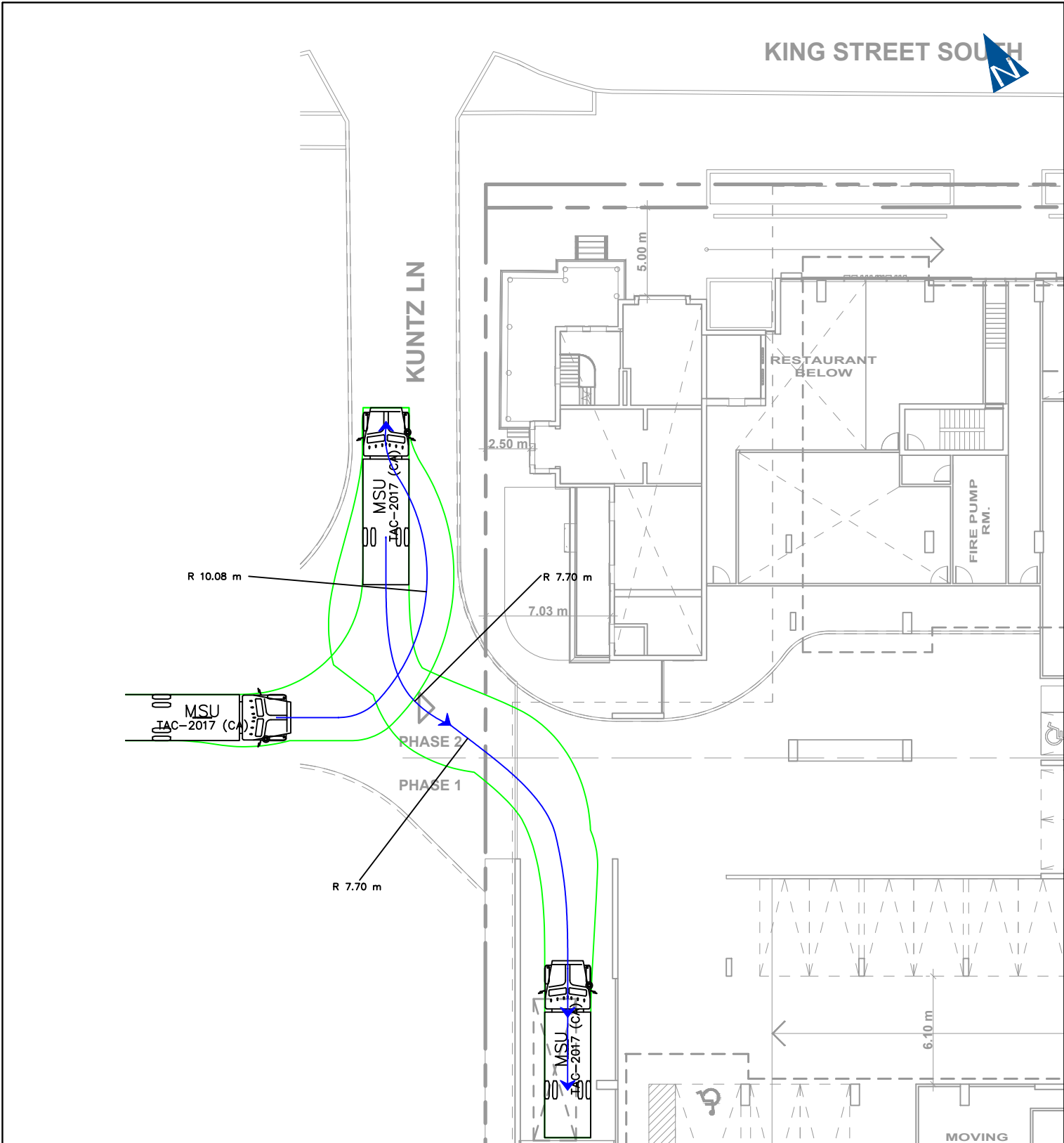
AUTOTURN ASSESSMENT

171 KING STREET SOUTH

WATERLOO, ON

PROJECT NO.: 250137	DATE: JULY 2025	SCALE: 1:300	DRAWING NO.: 04
DESIGN: CC	DRAWN: CC	CHECK: MB	

THIS AUTOTURN SWEEP PATH ANALYSIS HAS BEEN PREPARED USING BASE PLANS PROVIDED BY OTHERS. THE PRACTITIONER HAS NOT INSPECTED THE ACCURACY AND/OR THE COMPLETENESS OF THESE BASE PLANS AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT.

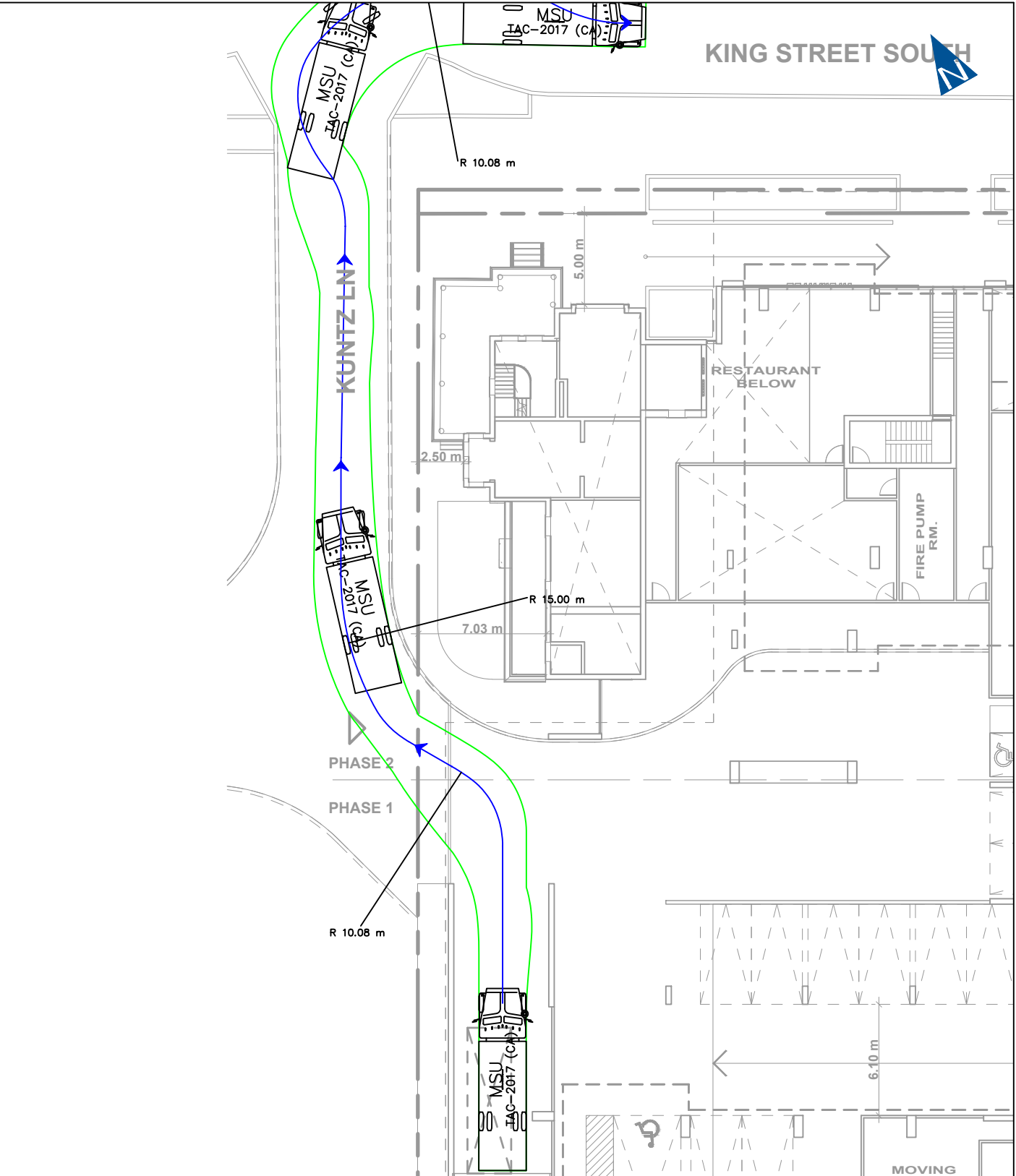


NO.	DATE	INITIAL	REVISION DETAIL

DESIGN VEHICLE:

MSU

Width : 2.60
Track : 2.60
Lock to Lock Time : 6.0
Steering Angle : 40.2



AUTOTURN ASSESSMENT
171 KING STREET SOUTH
WATERLOO, ON

paradigm

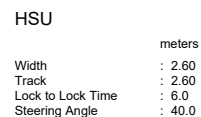
PROJECT NO.: 250137
DATE: JULY 2025
SCALE: 1:300
DRAWING NO.: 05

DESIGN: CC
DRAWN: CC
CHECK: MB

The diagram illustrates the layout of King Street South, showing building footprints, a restaurant, a fire pump room, and various dimensions. The street is divided into PHASE 1 and PHASE 2. Two vehicles, labeled HSU IAC-2017 (CA), are shown at different points along the street. The diagram includes several curved paths and dimensions: R 13.08 m, R 10.02 m, R 39.08 m, R 16.41 m, 5.00 m, 2.50 m, 7.03 m, and 6.10 m. The text 'KING STREET SOUTH' is visible at the top right, and 'RESTAURANT BELOW' and 'FIRE PUMP RM.' are labeled within the building footprints.

Technical drawing of a truck with dimensions:

- 11.50 (Total length)
- 0.80 (Wheelbase)
- 8.40 (Distance from front axle to rear axle)



HSU

Width
Track
Lock to Lock Time
Steering Angle



KING STREET SOUTH

RESTAURANT BELOW

FIRE PUMP RM.

HSU TAC-2017 (CA)

HSU TAC-2017 (CA)

PHASE 2

PHASE 1

R 13.08 m

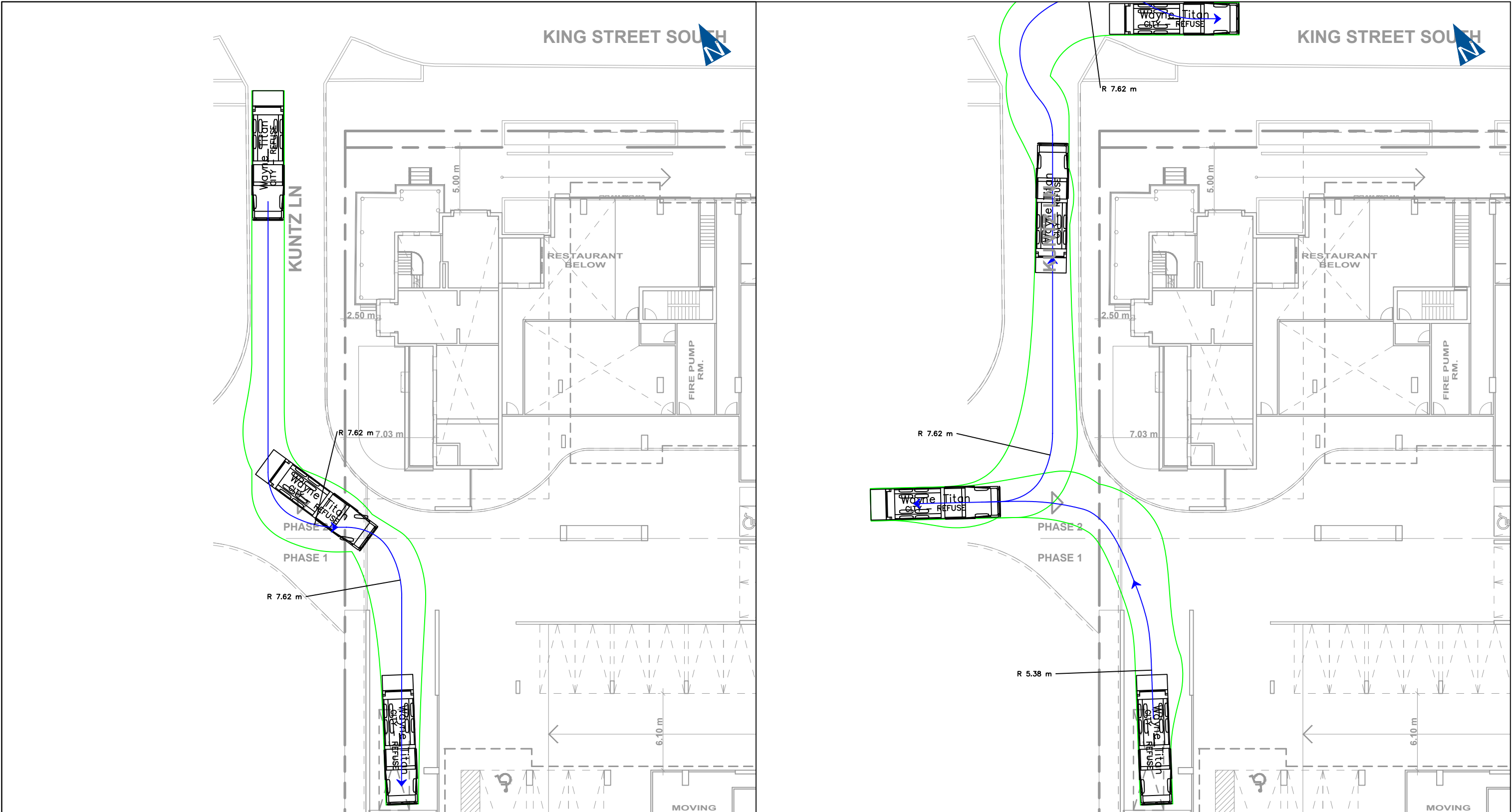
R 13.08 m

R 13.08 m

6.10 m

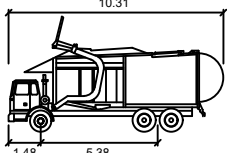
MOVING

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NO.	DATE	INITIAL	REVISION DETAIL

DESIGN VEHICLE:



Wayne Titan

meters

Width : 2.58
Track : 2.44
Lock to Lock Time : 6.0
Steering Angle : 45.0



AUTOTURN ASSESSMENT
171 KING STREET SOUTH
WATERLOO, ON

PROJECT NO.: 250137	DATE: JULY 2025	SCALE: 1:300	DRAWING NO.: 07
DESIGN: CC	DRAWN: CC	CHECK: MB	