NOTE: COLUMN LOCATIONS TO BE TAKEN INTO CONSIDERATION DURING CONSTRUCTION

10M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

COPE STREET

RAGLAN STREET

WELLINGTON STREET

BOTANY ROAD

HENDERSON ROAD

20M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

20M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

EXISTING DRIVEWAY

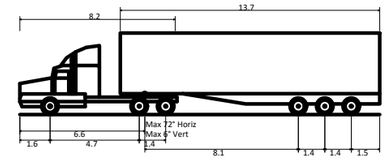
PROPOSED DRIVEWAY

NOTE: UNFILLED (OUTLINE ONLY) SWEPT PATHS DEMONSTRATE TURNS THAT ARE NOT FEASIBLE.

The turning paths illustrated in this drawing have been prepared using the Autotrack vehicle modelling software in conjunction with AutoCAD. The vehicle model was prepared by Analytico Pty Ltd based upon vehicle data provided by Austroads. While this modelling represents a conservative assessment of the vehicles ability, it is not possible to account for all vehicle types/characteristics or driver ability.

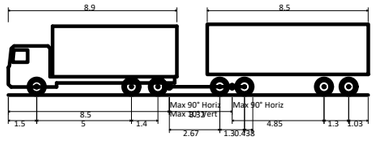
comments

A3



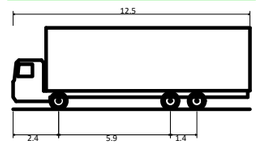
AV - Articulated Vehicle

Overall Length	19.000m
Overall Width	2.500m
Overall Body Height	4.301m
Min Body Ground Clearance	0.418m
Track Width	2.500m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	12.500m



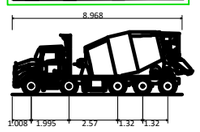
19M TRUCK AND DOG

Overall Length	19.000m
Overall Width	2.600m
Overall Body Height	3.738m
Min Body Ground Clearance	0.427m
Track Width	2.500m
Lock-to-lock time	4.00s
Wall to Wall Turning Radius	12.000m



HRV - Heavy Rigid Vehicle

Overall Length	12.500m
Overall Width	2.500m
Overall Body Height	4.300m
Min Body Ground Clearance	0.417m
Track Width	2.500m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	12.500m



Mack 10x4 Concrete Agitator

Overall Length	8.968m
Overall Width	2.500m
Overall Body Height	3.300m
Min Body Ground Clearance	0.166m
Track Width	2.500m
Lock-to-lock time	4.00s
Curb to Curb Turning Radius	10.850m

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rev	date	comment / description	drawn	reviewed
4	21/07/20	FOR INFORMATION	SC	SW
3	10/07/20	FOR INFORMATION	SC	SW
2	25/06/20	FOR INFORMATION	HL/SC	SW
1	19/06/20	FOR INFORMATION	HL/SC	SW

project
WATERLOO METRO QUARTER

drawing title
SWEPT PATH ASSESSMENT (POST-ROAD UPGRADES)
NORTHERN DA - OPTION 2 (GREEN)
12.5M HRV

client	MIRVAC & JOHN HOLLAND
drawing #	NDA-102C
project #	2789A
scale	1 : 1000

rev 4

NOTE: COLUMN LOCATIONS TO BE TAKEN INTO CONSIDERATION DURING CONSTRUCTION

10M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

20M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

20M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

COPE STREET

RAGLAN STREET

HENDERSON ROAD

BOTANY ROAD

WELLINGTON STREET

WYNDHAM STREET

EXISTING DRIVEWAY

PROPOSED DRIVEWAY

NOTE: UNFILLED (OUTLINE ONLY) SWEPT PATHS DEMONSTRATE TURNS THAT ARE NOT FEASIBLE.

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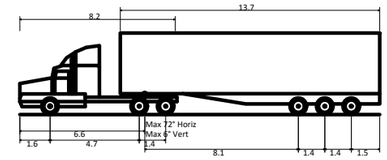
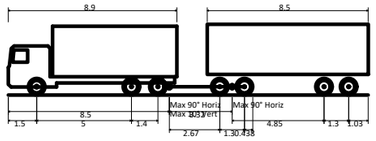
comments

A3



AV - Articulated Vehicle

Overall Length	19.000m
Overall Width	2.500m
Overall Body Height	4.301m
Min Body Ground Clearance	0.418m
Track Width	2.500m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	12.500m

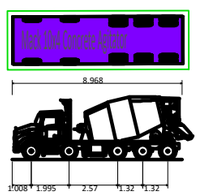


19M TRUCK AND DOG

Overall Length	19.000m
Overall Width	2.600m
Overall Body Height	3.738m
Min Body Ground Clearance	0.427m
Track Width	2.500m
Lock-to-lock time	4.00s
Wall to Wall Turning Radius	12.000m

HRV - Heavy Rigid Vehicle

Overall Length	12.500m
Overall Width	2.500m
Overall Body Height	4.300m
Min Body Ground Clearance	0.417m
Track Width	2.500m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	12.500m



Mack 10x4 Concrete Agitator

Overall Length	8.968m
Overall Width	2.500m
Overall Body Height	3.300m
Min Body Ground Clearance	0.166m
Track Width	2.500m
Lock-to-lock time	4.00s
Curb to Curb Turning Radius	10.850m

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4	21/07/20	FOR INFORMATION	SC	SW
3	10/07/20	FOR INFORMATION	SC	SW
2	25/06/20	FOR INFORMATION	HL/SC	SW
1	19/06/20	FOR INFORMATION	HL/SC	SW

project
WATERLOO METRO QUARTER

drawing title
SWEPT PATH ASSESSMENT (POST-ROAD UPGRADES)
NORTHERN DA - OPTION 3 (PINK)
12.5M HRV

client	MIRVAC & JOHN HOLLAND
drawing #	NDA-103C
project #	2789A
scale	1 : 1000

rev 4

NOTE: COLUMN LOCATIONS TO BE TAKEN INTO CONSIDERATION DURING CONSTRUCTION

19M AV UNABLE TO MAKE LEFT TURN EGRESS DUE TO DRIVEWAY WIDTH RESTRICTIONS.

10M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

20M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

20M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

COPE STREET

RAGLAN STREET

WELLINGTON STREET

BOTANY ROAD

HENDERSON ROAD

WYNDHAM STREET

EXISTING DRIVEWAY

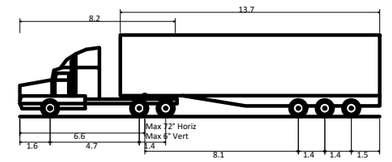
PROPOSED DRIVEWAY

NOTE: UNFILLED (OUTLINE ONLY) SWEPT PATHS DEMONSTRATE TURNS THAT ARE NOT FEASIBLE.

The turning paths illustrated in this drawing have been prepared using the Autotrack vehicle modelling software in conjunction with AutoCAD. The vehicle model was prepared by Analytico Pty Ltd based upon vehicle data provided by Austroads. While this modelling represents a conservative assessment of the vehicles ability, it is not possible to account for all vehicle types/characteristics or driver ability.

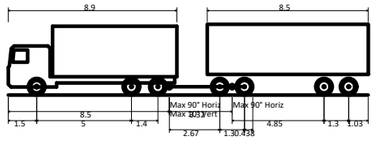
comments

A3



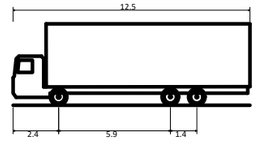
AV - Articulated Vehicle

Overall Length	19.000m
Overall Width	2.500m
Overall Body Height	4.301m
Min Body Ground Clearance	0.418m
Track Width	2.500m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	12.500m



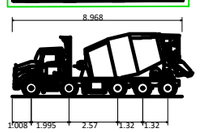
19M TRUCK AND DOG

Overall Length	19.000m
Overall Width	2.600m
Overall Body Height	3.738m
Min Body Ground Clearance	0.427m
Track Width	2.500m
Lock-to-lock time	4.00s
Wall to Wall Turning Radius	12.000m



HRV - Heavy Rigid Vehicle

Overall Length	12.500m
Overall Width	2.500m
Overall Body Height	4.300m
Min Body Ground Clearance	0.417m
Track Width	2.500m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	12.500m



Mack 10x4 Concrete Agitator

Overall Length	8.968m
Overall Width	2.500m
Overall Body Height	3.300m
Min Body Ground Clearance	0.166m
Track Width	2.500m
Lock-to-lock time	4.00s
Curb to Curb Turning Radius	10.850m

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2	25/06/20	FOR INFORMATION	HL/SC	SW
1	19/06/20	FOR INFORMATION	HL/SC	SW

project
WATERLOO METRO QUARTER

drawing title
SWEPT PATH ASSESSMENT (POST-ROAD UPGRADES)
NORTHERN DA - OPTION 4 (LIGHT BLUE)
19M ARTICULATED VEHICLE

client	MIRVAC & JOHN HOLLAND
drawing #	NDA-104A
project #	2789A
scale	1 : 1000

rev 4

NOTE: COLUMN LOCATIONS TO BE TAKEN INTO CONSIDERATION DURING CONSTRUCTION

19M T&D UNABLE TO MAKE LEFT TURN EGRESS DUE TO DRIVEWAY WIDTH RESTRICTIONS.

10M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

20M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

20M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

COPE STREET

BOTANY ROAD

RAGLAN STREET

HENDERSON ROAD

WELLINGTON STREET

WYNDHAM STREET

EXISTING DRIVEWAY

PROPOSED DRIVEWAY

NOTE: UNFILLED (OUTLINE ONLY) SWEPT PATHS DEMONSTRATE TURNS THAT ARE NOT FEASIBLE.

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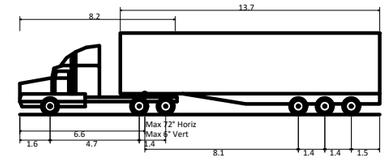
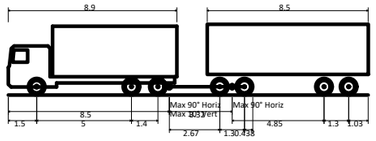
comments

A3



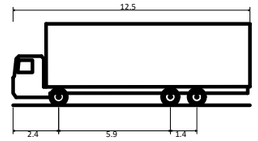
AV - Articulated Vehicle

Overall Length	19.000m
Overall Width	2.500m
Overall Body Height	4.301m
Min Body Ground Clearance	0.418m
Track Width	2.500m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	12.500m



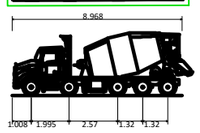
19M TRUCK AND DOG

Overall Length	19.000m
Overall Width	2.600m
Overall Body Height	3.738m
Min Body Ground Clearance	0.427m
Track Width	2.500m
Lock-to-lock time	4.00s
Wall to Wall Turning Radius	12.000m



HRV - Heavy Rigid Vehicle

Overall Length	12.500m
Overall Width	2.500m
Overall Body Height	4.300m
Min Body Ground Clearance	0.417m
Track Width	2.500m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	12.500m



Mack 10x4 Concrete Agitator

Overall Length	8.968m
Overall Width	2.500m
Overall Body Height	3.300m
Min Body Ground Clearance	0.166m
Track Width	2.500m
Lock-to-lock time	4.00s
Curb to Curb Turning Radius	10.850m

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4	21/07/20	FOR INFORMATION	SC	SW
3	10/07/20	FOR INFORMATION	SC	SW
2	25/06/20	FOR INFORMATION	HL/SC	SW
1	19/06/20	FOR INFORMATION	HL/SC	SW

project
WATERLOO METRO QUARTER

drawing title
SWEPT PATH ASSESSMENT (POST-ROAD UPGRADES)
NORTHERN DA - OPTION 4 (LIGHT BLUE)
19M TRUCK & DOG VEHICLE

client	MIRVAC & JOHN HOLLAND
drawing #	NDA-104B
project #	2789A
scale	1 : 1000

rev 4

NOTE: COLUMN LOCATIONS TO BE TAKEN INTO CONSIDERATION DURING CONSTRUCTION

TRAFFIC CONTROLLER REQUIRED FOR TRUCK LEFT-TURN FROM COPE ST TO RAGLAN ST (ENCROACHMENT INTO ONCOMING LANE DUE TO NARROW ROADWAY).

10M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

TRAFFIC CONTROLLERS REQUIRED FOR TRUCK LEFT-TURN FROM WELLINGTON ST TO COPE ST (ENCROACHMENT INTO ONCOMING LANE DUE TO NARROW ROADWAY).

20M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

20M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

EXISTING DRIVEWAY

PROPOSED DRIVEWAY

NOTE: UNFILLED (OUTLINE ONLY) SWEPT PATHS DEMONSTRATE TURNS THAT ARE NOT FEASIBLE.

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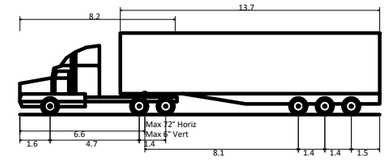
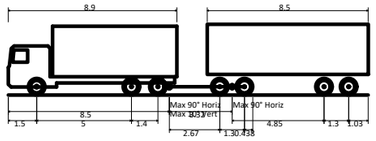
comments

A3



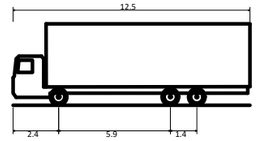
AV - Articulated Vehicle

Overall Length	19.000m
Overall Width	2.500m
Overall Body Height	4.301m
Min Body Ground Clearance	0.418m
Track Width	2.500m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	12.500m



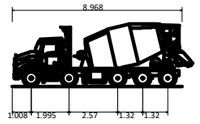
19M TRUCK AND DOG

Overall Length	19.000m
Overall Width	2.600m
Overall Body Height	3.738m
Min Body Ground Clearance	0.427m
Track Width	2.500m
Lock-to-lock time	4.00s
Wall to Wall Turning Radius	12.000m



HRV - Heavy Rigid Vehicle

Overall Length	12.500m
Overall Width	2.500m
Overall Body Height	4.300m
Min Body Ground Clearance	0.417m
Track Width	2.500m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	12.500m



Mack 10x4 Concrete Agitator

Overall Length	8.968m
Overall Width	2.500m
Overall Body Height	3.300m
Min Body Ground Clearance	0.166m
Track Width	2.500m
Lock-to-lock time	4.00s
Curb to Curb Turning Radius	10.850m

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1	19/06/20	FOR INFORMATION	HL/SC	SW

project
WATERLOO METRO QUARTER

drawing title
SWEPT PATH ASSESSMENT (POST-ROAD UPGRADES)
NORTHERN DA - OPTION 4 (BLUE)
12.5M HRV

client	MIRVAC & JOHN HOLLAND
drawing #	NDA-104C
project #	2789A
scale	1 : 1000

rev 4

NOTE: COLUMN LOCATIONS TO BE TAKEN INTO CONSIDERATION DURING CONSTRUCTION

EXISTING DRIVEWAY

PROPOSED DRIVEWAY

NOTE: UNFILLED (OUTLINE ONLY) SWEPT PATHS DEMONSTRATE TURNS THAT ARE NOT FEASIBLE.

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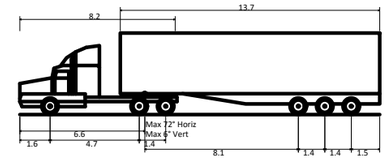
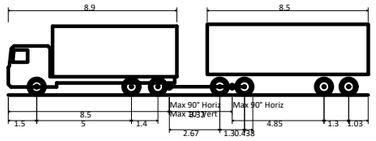
comments

A3



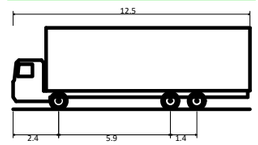
AV - Articulated Vehicle

Overall Length	19.000m
Overall Width	2.500m
Overall Body Height	4.301m
Min Body Ground Clearance	0.418m
Track Width	2.500m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	12.500m



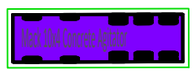
19M TRUCK AND DOG

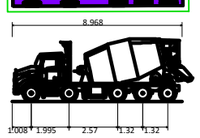
Overall Length	19.000m
Overall Width	2.600m
Overall Body Height	3.738m
Min Body Ground Clearance	0.427m
Track Width	2.500m
Lock-to-lock time	4.00s
Wall to Wall Turning Radius	12.000m



HRV - Heavy Rigid Vehicle

Overall Length	12.500m
Overall Width	2.500m
Overall Body Height	4.300m
Min Body Ground Clearance	0.417m
Track Width	2.500m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	12.500m





Mack 10x4 Concrete Agitator

Overall Length	8.968m
Overall Width	2.500m
Overall Body Height	3.300m
Min Body Ground Clearance	0.166m
Track Width	2.500m
Lock-to-lock time	4.00s
Curb to Curb Turning Radius	10.850m

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rev	date	comment / description	drawn	reviewed
4	21/07/20	FOR INFORMATION	SC	SW
3	10/07/20	FOR INFORMATION	SC	SW
2	25/06/20	FOR INFORMATION	HL/SC	SW
1	19/06/20	FOR INFORMATION	HL/SC	SW

project
WATERLOO METRO QUARTER

drawing title
SWEPT PATH ASSESSMENT (POST-ROAD UPGRADES)
NORTHERN DA - OPTION 5 (LIGHT BLUE)
12.5M HRV

client	MIRVAC & JOHN HOLLAND
drawing #	NDA-105C
project #	2789A
scale	1 : 1000

rev 4

NOTE: COLUMN LOCATIONS TO BE TAKEN INTO CONSIDERATION DURING CONSTRUCTION

TRAFFIC CONTROLLER REQUIRED FOR TRUCK LEFT-TURN FROM COPE ST TO RAGLAN ST (ENCROACHMENT INTO ONCOMING LANE DUE TO NARROW ROADWAY).

10M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

TRAFFIC CONTROLLERS REQUIRED FOR TRUCK LEFT-TURN FROM WELLINGTON ST TO COPE ST (ENCROACHMENT INTO ONCOMING LANE DUE TO NARROW ROADWAY).

20M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

20M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

EXISTING DRIVEWAY

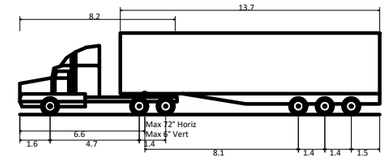
PROPOSED DRIVEWAY

NOTE: UNFILLED (OUTLINE ONLY) SWEPT PATHS DEMONSTRATE TURNS THAT ARE NOT FEASIBLE.

The turning paths illustrated in this drawing have been prepared using the Autotrack vehicle modelling software in conjunction with AutoCAD. The vehicle model was prepared by Analytico Pty Ltd based upon vehicle data provided by Austroads. While this modelling represents a conservative assessment of the vehicles ability, it is not possible to account for all vehicle types/characteristics or driver ability.

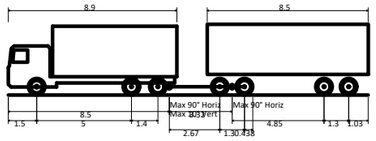
comments

A3



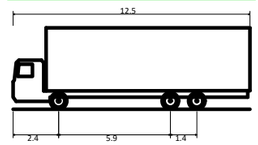
AV - Articulated Vehicle

Overall Length	19.000m
Overall Width	2.500m
Overall Body Height	4.301m
Min Body Ground Clearance	0.418m
Track Width	2.500m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	12.500m



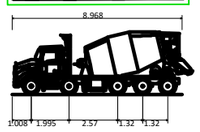
19M TRUCK AND DOG

Overall Length	19.000m
Overall Width	2.600m
Overall Body Height	3.738m
Min Body Ground Clearance	0.427m
Track Width	2.500m
Lock-to-lock time	4.00s
Wall to Wall Turning Radius	12.000m



HRV - Heavy Rigid Vehicle

Overall Length	12.500m
Overall Width	2.500m
Overall Body Height	4.300m
Min Body Ground Clearance	0.417m
Track Width	2.500m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	12.500m



Mack 10x4 Concrete Agitator

Overall Length	8.968m
Overall Width	2.500m
Overall Body Height	3.300m
Min Body Ground Clearance	0.166m
Track Width	2.500m
Lock-to-lock time	4.00s
Curb to Curb Turning Radius	10.850m

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rev	date	comment / description	drawn	reviewed
4	21/07/20	FOR INFORMATION	SC	SW
3	10/07/20	FOR INFORMATION	SC	SW
2	25/06/20	FOR INFORMATION	HL/SC	SW
1	19/06/20	FOR INFORMATION	HL/SC	SW

project
WATERLOO METRO QUARTER

drawing title
SWEPT PATH ASSESSMENT (POST-ROAD UPGRADES)
NORTHERN DA - OPTION 6 (ORANGE)
12.5M HRV

client	MIRVAC & JOHN HOLLAND
drawing #	NDA-106
project #	2789A
scale	1 : 1000

rev 4

NOTE: COLUMN LOCATIONS TO BE TAKEN INTO CONSIDERATION DURING CONSTRUCTION

10M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

COPE STREET

RAGLAN STREET

WELLINGTON STREET

BOTANY ROAD

HENDERSON ROAD

WYNDHAM STREET

20M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

20M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

WORKS ZONE

EXISTING DRIVEWAY

PROPOSED DRIVEWAY

NOTE: UNFILLED (OUTLINE ONLY) SWEPT PATHS DEMONSTRATE TURNS THAT ARE NOT FEASIBLE.

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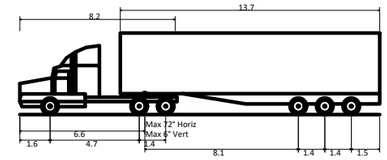
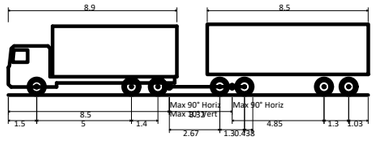
comments

A3



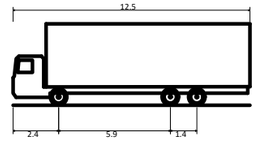
AV - Articulated Vehicle

Overall Length	19.000m
Overall Width	2.500m
Overall Body Height	4.301m
Min Body Ground Clearance	0.418m
Track Width	2.500m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	12.500m



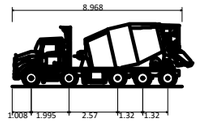
19M TRUCK AND DOG

Overall Length	19.000m
Overall Width	2.600m
Overall Body Height	3.738m
Min Body Ground Clearance	0.427m
Track Width	2.500m
Lock-to-lock time	4.00s
Wall to Wall Turning Radius	12.000m



HRV - Heavy Rigid Vehicle

Overall Length	12.500m
Overall Width	2.500m
Overall Body Height	4.300m
Min Body Ground Clearance	0.417m
Track Width	2.500m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	12.500m



Mack 10x4 Concrete Agitator

Overall Length	8.968m
Overall Width	2.500m
Overall Body Height	3.300m
Min Body Ground Clearance	0.166m
Track Width	2.500m
Lock-to-lock time	4.00s
Curb to Curb Turning Radius	10.850m

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rev	date	comment / description	drawn	reviewed
4	21/07/20	FOR INFORMATION	SC	SW
3	10/07/20	FOR INFORMATION	SC	SW
2	25/06/20	FOR INFORMATION	HL/SC	SW
1	19/06/20	FOR INFORMATION	HL/SC	SW

project
WATERLOO METRO QUARTER

drawing title
SWEPT PATH ASSESSMENT (POST-ROAD UPGRADES)
NORTHERN DA - OPTION 1 (BLUE)
19M ARTICULATED VEHICLE

client	MIRVAC & JOHN HOLLAND
drawing #	NDA-201A
project #	2789A
scale	1 : 1000

rev 4

NOTE: COLUMN LOCATIONS TO BE TAKEN INTO CONSIDERATION DURING CONSTRUCTION

TRAFFIC CONTROLLERS REQUIRED FOR TRUCK LEFT-TURN FROM WELLINGTON ST TO COPE ST (ENCROACHMENT INTO ONCOMING LANE DUE TO NARROW ROADWAY).
TEMPORARY LOSS OF APPROXIMATELY 3 ON-STREET PARKING SPACES FOR LEFT-TURN INGRESS PATH.

10M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

20M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

20M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

COPE STREET

RAGLAN STREET

WELLINGTON STREET

BOTANY ROAD

HENDERSON ROAD

WYNDHAM STREET

EXISTING DRIVEWAY

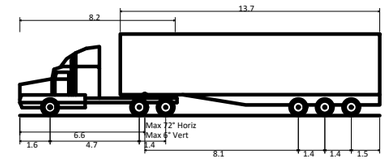
PROPOSED DRIVEWAY

NOTE: UNFILLED (OUTLINE ONLY) SWEPT PATHS DEMONSTRATE TURNS THAT ARE NOT FEASIBLE.

The turning paths illustrated in this drawing have been prepared using the Autotrack vehicle modelling software in conjunction with AutoCAD. The vehicle model was prepared by Analytico Pty Ltd based upon vehicle data provided by Austroads. While this modelling represents a conservative assessment of the vehicles ability, it is not possible to account for all vehicle types/characteristics or driver ability.

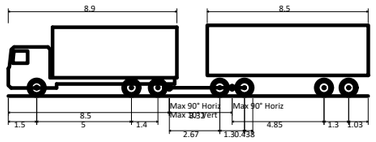
comments

A3



AV - Articulated Vehicle

Overall Length	19.000m
Overall Width	2.500m
Overall Body Height	4.301m
Min Body Ground Clearance	0.418m
Track Width	2.500m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	12.500m

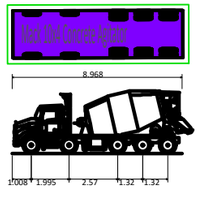


19M TRUCK AND DOG

Overall Length	19.000m
Overall Width	2.600m
Overall Body Height	3.738m
Min Body Ground Clearance	0.427m
Track Width	2.500m
Lock-to-lock time	4.00s
Wall to Wall Turning Radius	12.000m

HRV - Heavy Rigid Vehicle

Overall Length	12.500m
Overall Width	2.500m
Overall Body Height	4.300m
Min Body Ground Clearance	0.417m
Track Width	2.500m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	12.500m



Mack 10x4 Concrete Agitator

Overall Length	8.968m
Overall Width	2.500m
Overall Body Height	3.300m
Min Body Ground Clearance	0.166m
Track Width	2.500m
Lock-to-lock time	4.00s
Curb to Curb Turning Radius	10.850m

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rev	date	comment / description	drawn	reviewed
4	21/07/20	FOR INFORMATION	SC	SW
3	10/07/20	FOR INFORMATION	SC	SW
2	25/06/20	FOR INFORMATION	HL/SC	SW
1	19/06/20	FOR INFORMATION	HL/SC	SW

project
WATERLOO METRO QUARTER

drawing title
SWEPT PATH ASSESSMENT (POST-ROAD UPGRADES)
NORTHERN DA - OPTION 1 (BLUE)
12.5M HRV

client	MIRVAC & JOHN HOLLAND
drawing #	NDA-201B
project #	2789A
scale	1 : 1000

rev 4

NOTE: COLUMN LOCATIONS TO BE TAKEN INTO CONSIDERATION DURING CONSTRUCTION

10M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

20M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

20M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

COPE STREET

RAGLAN STREET

WELLINGTON STREET

BOTANY ROAD

HENDERSON ROAD

WYNDHAM STREET

M STREET

EXISTING DRIVEWAY

PROPOSED DRIVEWAY

NOTE: UNFILLED (OUTLINE ONLY) SWEPT PATHS DEMONSTRATE TURNS THAT ARE NOT FEASIBLE.

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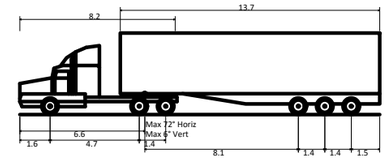
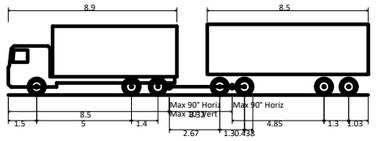
comments

A3



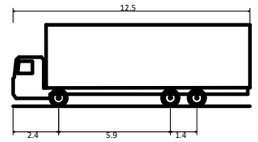
AV - Articulated Vehicle

Overall Length	19.000m
Overall Width	2.500m
Overall Body Height	4.301m
Min Body Ground Clearance	0.418m
Track Width	2.500m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	12.500m



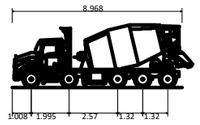
19M TRUCK AND DOG

Overall Length	19.000m
Overall Width	2.600m
Overall Body Height	3.738m
Min Body Ground Clearance	0.427m
Track Width	2.500m
Lock-to-lock time	4.00s
Wall to Wall Turning Radius	12.000m



HRV - Heavy Rigid Vehicle

Overall Length	12.500m
Overall Width	2.500m
Overall Body Height	4.300m
Min Body Ground Clearance	0.417m
Track Width	2.500m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	12.500m



Mack 10x4 Concrete Agitator

Overall Length	8.968m
Overall Width	2.500m
Overall Body Height	3.300m
Min Body Ground Clearance	0.166m
Track Width	2.500m
Lock-to-lock time	4.00s
Curb to Curb Turning Radius	10.850m

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rev	date	comment / description	drawn	reviewed
4	21/07/20	FOR INFORMATION	SC	SW
3	10/07/20	FOR INFORMATION	SC	SW
2	25/06/20	FOR INFORMATION	HL/SC	SW
1	19/06/20	FOR INFORMATION	HL/SC	SW

project
WATERLOO METRO QUARTER

drawing title
SWEPT PATH ASSESSMENT (POST-ROAD UPGRADES)
NORTHERN DA - OPTION 2 (GREEN)
12.5M HRV

client	MIRVAC & JOHN HOLLAND
drawing #	NDA-202B
project #	2789A
scale	1 : 1000

rev 4

NOTE: COLUMN LOCATIONS TO BE TAKEN INTO CONSIDERATION DURING CONSTRUCTION

TEMPORARY LOSS OF APPROXIMATELY 3 ON-STREET PARKING SPACES FOR RIGHT-TURN EGRESS PATH.

10M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

20M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

20M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

COPE STREET

RAGLAN STREET

WELLINGTON STREET

BOTANY ROAD

HENDERSON ROAD

WYNDHAM STREET

EXISTING DRIVEWAY

PROPOSED DRIVEWAY

NOTE: UNFILLED (OUTLINE ONLY) SWEPT PATHS DEMONSTRATE TURNS THAT ARE NOT FEASIBLE.

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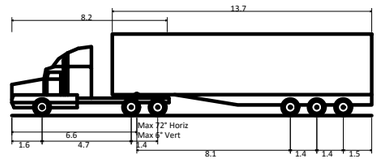
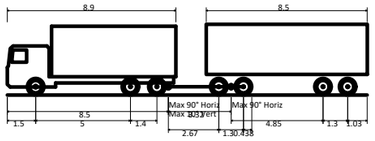
comments

A3



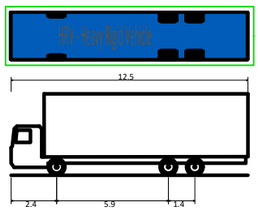
AV - Articulated Vehicle

Overall Length	19.000m
Overall Width	2.500m
Overall Body Height	4.301m
Min Body Ground Clearance	0.418m
Track Width	2.500m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	12.500m



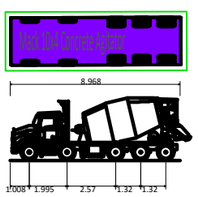
19M TRUCK AND DOG

Overall Length	19.000m
Overall Width	2.600m
Overall Body Height	3.738m
Min Body Ground Clearance	0.427m
Track Width	2.500m
Lock-to-lock time	4.00s
Wall to Wall Turning Radius	12.000m



HRV - Heavy Rigid Vehicle

Overall Length	12.500m
Overall Width	2.500m
Overall Body Height	4.300m
Min Body Ground Clearance	0.417m
Track Width	2.500m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	12.500m



Mack 10x4 Concrete Agitator

Overall Length	8.968m
Overall Width	2.500m
Overall Body Height	3.300m
Min Body Ground Clearance	0.166m
Track Width	2.500m
Lock-to-lock time	4.00s
Curb to Curb Turning Radius	10.850m

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1	19/06/20	FOR INFORMATION	HL/SC	SW

project
WATERLOO METRO QUARTER

drawing title
SWEPT PATH ASSESSMENT (POST-ROAD UPGRADES)
NORTHERN DA - OPTION 3 (ORANGE)
12.5M HRV

client	MIRVAC & JOHN HOLLAND
drawing #	NDA-203
project #	2789A
scale	1 : 1000

rev 4

NOTE: COLUMN LOCATIONS TO BE TAKEN INTO CONSIDERATION DURING CONSTRUCTION

10M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

COPE STREET

RAGLAN STREET

WELLINGTON STREET

BOTANY ROAD

HENDERSON ROAD

20M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

20M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

EXISTING DRIVEWAY

PROPOSED DRIVEWAY

NOTE: UNFILLED (OUTLINE ONLY) SWEPT PATHS DEMONSTRATE TURNS THAT ARE NOT FEASIBLE.

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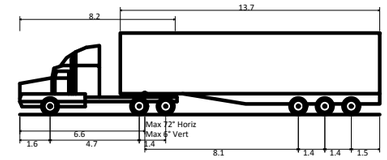
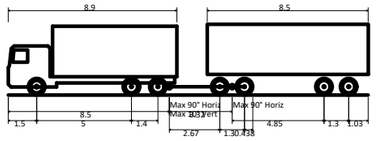
comments

A3



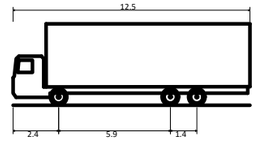
AV - Articulated Vehicle

Overall Length	19.000m
Overall Width	2.500m
Overall Body Height	4.301m
Min Body Ground Clearance	0.418m
Track Width	2.500m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	12.500m



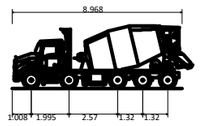
19M TRUCK AND DOG

Overall Length	19.000m
Overall Width	2.600m
Overall Body Height	3.738m
Min Body Ground Clearance	0.427m
Track Width	2.500m
Lock-to-lock time	4.00s
Wall to Wall Turning Radius	12.000m



HRV - Heavy Rigid Vehicle

Overall Length	12.500m
Overall Width	2.500m
Overall Body Height	4.300m
Min Body Ground Clearance	0.417m
Track Width	2.500m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	12.500m



Mack 10x4 Concrete Agitator

Overall Length	8.968m
Overall Width	2.500m
Overall Body Height	3.300m
Min Body Ground Clearance	0.166m
Track Width	2.500m
Lock-to-lock time	4.00s
Curb to Curb Turning Radius	10.850m

ptc.
Suite 502, 1 James Place
North Sydney NSW 2060
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ptcconsultants.co

rev	date	comment / description	drawn	reviewed
4	21/07/20	FOR INFORMATION	SC	SW
3	10/07/20	FOR INFORMATION	SC	SW
2	25/06/20	FOR INFORMATION	HL/SC	SW
1	19/06/20	FOR INFORMATION	HL/SC	SW

project
WATERLOO METRO QUARTER

drawing title
SWEPT PATH ASSESSMENT (POST-ROAD UPGRADES)
NORTHERN DA - OPTION 4 (PINK)
12.5M HRV

client	MIRVAC & JOHN HOLLAND
drawing #	NDA-204
project #	2789A
scale	1 : 1000

rev 4

NOTE: COLUMN LOCATIONS TO BE TAKEN INTO CONSIDERATION DURING CONSTRUCTION

10M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

COPE STREET

RAGLAN STREET

WELLINGTON STREET

BOTANY ROAD

HENDERSON ROAD

20M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

20M 'NO STOPPING' RESTRICTION AT SIGNALISED INTERSECTIONS.

WORKS ZONE

WYNDHAM STREET

EXISTING DRIVEWAY

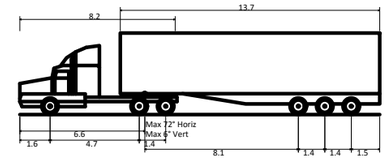
PROPOSED DRIVEWAY

NOTE: UNFILLED (OUTLINE ONLY) SWEPT PATHS DEMONSTRATE TURNS THAT ARE NOT FEASIBLE.

The turning paths illustrated in this drawing have been prepared using the Autotrack vehicle modelling software in conjunction with AutoCAD. The vehicle model was prepared by Analytico Pty Ltd based upon vehicle data provided by Austroads. While this modelling represents a conservative assessment of the vehicles ability, it is not possible to account for all vehicle types/characteristics or driver ability.

comments

A3



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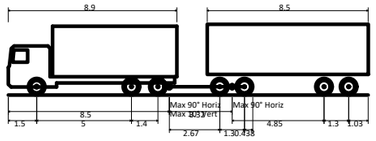

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Track Width	2.500m
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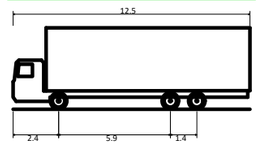

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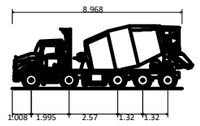

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Min Body Ground Clearance	0.166m
Track Width	2.500m
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Curb to Curb Turning Radius	10.850m

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2	25/06/20	FOR INFORMATION	HL/SC	SW
1	19/06/20	FOR INFORMATION	HL/SC	SW

project
WATERLOO METRO QUARTER

drawing title
SWEPT PATH ASSESSMENT (POST-ROAD UPGRADES)
NORTHERN DA - OPTION 5 (LIGHT BLUE)
12.5M HRV

client	MIRVAC & JOHN HOLLAND
drawing #	NDA-205
project #	2789A
scale	1 : 1000

rev 4