

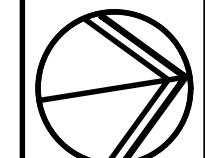
VERIFIER: B. CLARK  
JOB MANAGER: B. CLARK  
DESIGNED: J. KIDD  
DRAWN: J. KIDD

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
1	ISSUED FOR INFORMATION	JK		BC	21.10.21



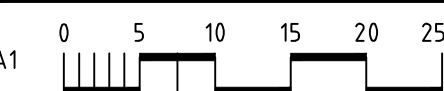
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SCALE 1:500@A1





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PROJECT

**GILLIESTON HEIGHTS MHE  
SWEEP PATHS**

DRAWING TITLE

**12.5m HEAVY RIGID  
VEHICLE (HRV)**

JOB NUMBER

**NL203286-09**

DRAWING NUMBER

**C01.02**

REVISION

**1**

DRAWING SHEET SIZE = A1

NOT FOR CONSTRUCTION

**DISCLAIMER**

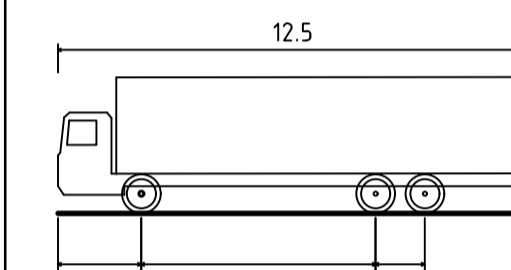
THE TURNING PATHS/TEMPLATES PROVIDED HAVE BEEN PRODUCED USING SIMULATION SOFTWARE AND ARE TO BE USED AS A GUIDE ONLY. THESE SIMULATIONS MAY NOT REFLECT ACTUAL DRIVER BEHAVIOUR AND/OR EXPERIENCE UNDER ACTUAL DRIVING CONDITIONS.

IT IS NORTHROP'S INTENTION TO UTILISE STANDARD VEHICLES NOMINATED IN AS2890.1 AND AS2890.2 FOR ALL DESIGN/CHECKING VEHICLE SIMULATIONS AT AN IDEAL MOVEMENT SPEED OF 10KM/H WITH A NOMINAL VEHICLE BODY OFFSET OF 500MM. WHERE MANOEUVRABILITY IS LIMITED AND SITE CONDITIONS ARE FAVOURABLE, AN ABSOLUTE MINIMUM SPEED OF 5KM/H WITH AND ABSOLUTE MINIMUM VEHICLE BODY CLEARANCE OF 300MM MAY BE ADOPTED.

IF THE USE OF SPECIFIC VEHICLES (NOT DETAILED UNDER AS2890) IS REQUESTED, IT IS TO BE NOTED THAT THEIR DIMENSIONS AND MANOEUVRING CHARACTERISTICS HAVE BEEN INTERPRETED INTO THE SIMULATION SOFTWARE FROM INFORMATION PROVIDED BY SERVICE PROVIDERS AND VEHICLE MANUFACTURERS. NORTHROP ACCEPTS NO RESPONSIBILITY OF THE ACCURACY THESE VEHICLE MOVEMENTS, AND ANY MANOEUVRES PROVIDED SHOULD ONLY BE USED AS A GUIDE WITH ACTUAL DESIGN BEING BASED AROUND ENGINEERING ADVICE AND AUSTRALIAN STANDARDS.

AT ALL TIMES, STANDARD VEHICLE TURNING PATHS/TEMPLATES ARE TO TAKE DESIGN PRECEDENCE OVER ALL SPECIFIC VEHICLES. UNDER NO CIRCUMSTANCE DOES THE SIMULATION PROVIDED RELIEVE ANY PARTY OF THEIR ROLE AND RESPONSIBILITY FOR PROVIDING DESIGN SOLUTIONS IN ACCORDANCE WITH GOOD DESIGN PRACTICES.

**VEHICLE PROFILE**

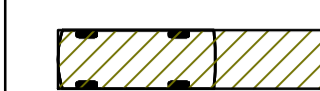


**SINGLE UNIT TRUCK/BUS (12.5 m)**

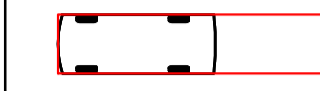
OVERALL LENGTH	12.500m
OVERALL WIDTH	2.500m
TRACK WIDTH	2.500m
LOCK-TO-LOCK TIME	6.00s
KERB TO KERB TURNING RADIUS	12.500m
TRAVELLING SPEED	10 km/h

**VEHICLE MOVEMENTS**


**FORWARD MOVEMENT**




VEHICLE BODY



VEHICLE WHEELS

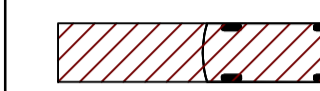


VEHICLE VERTICAL CLEARANCE  
(0.3m FROM BODY)




VEHICLE VERTICAL CLEARANCE  
(0.5m FROM BODY)


**REVERSE MOVEMENT**



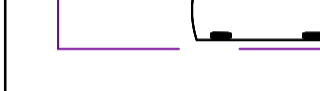
VEHICLE BODY



VEHICLE WHEELS



VEHICLE VERTICAL CLEARANCE  
(0.3m FROM BODY)



VEHICLE VERTICAL CLEARANCE  
(0.5m FROM BODY)

