EASTVIEW LOW TRAFFIC AREA

INTERVENTION CONCEPT DESIGNS

Auckland Transport/Maungakiekie-Tāmaki Local Board

Issue 2.0: 12 March 2021

HUE Holistic Urban Environments

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Document control record

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Issue 1.2	23/02/2021	Edit for Gateway 3 review	LA, AM, AP		
Issue 2.0	12/03/2021	Gateway 3 feedback addressed	LA, AM, AP		
Current revision	Issue 2.0				



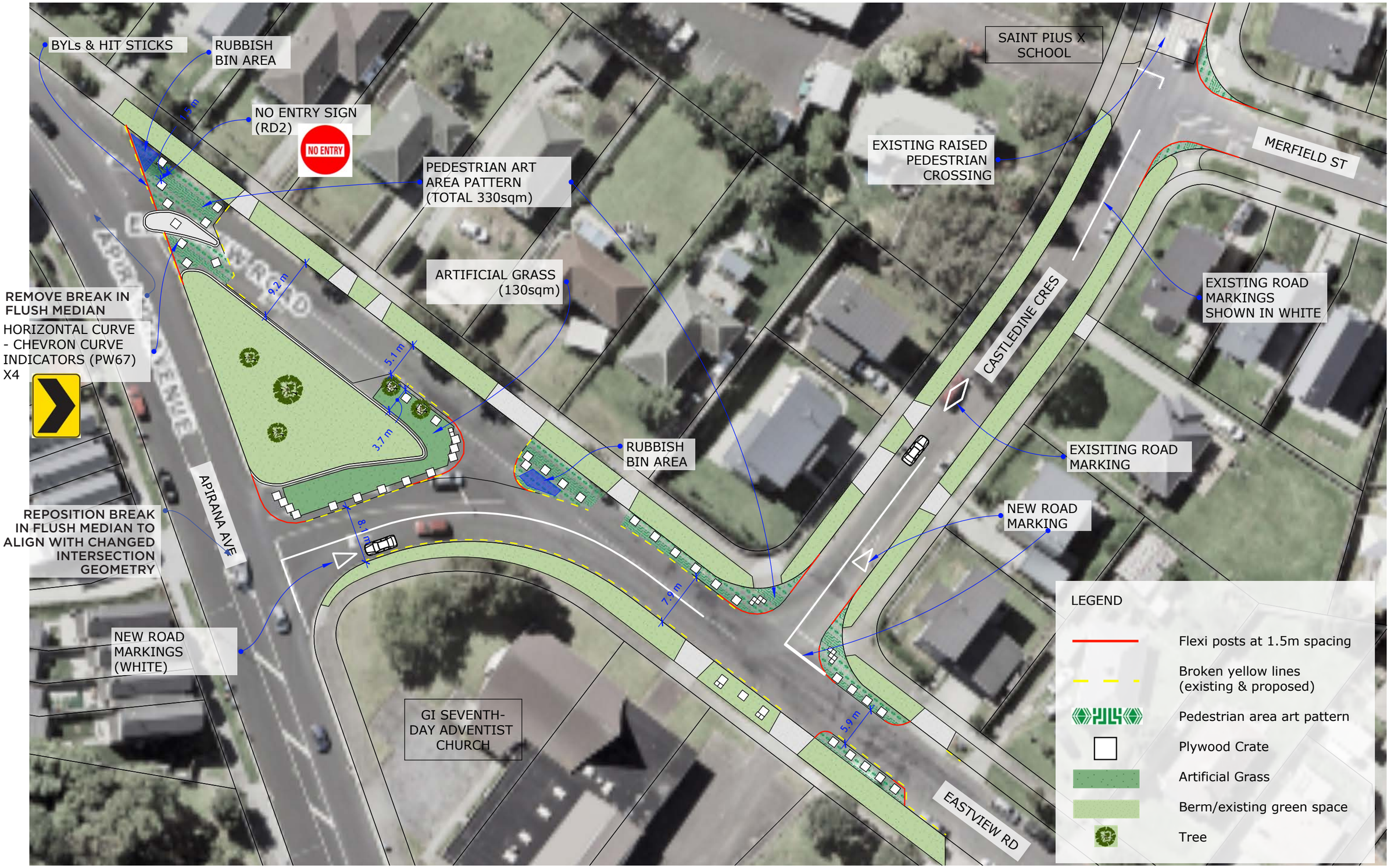
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Interventions overview and traffic circulation

Eastview Low Traffic Area
Intervention Concept Designs

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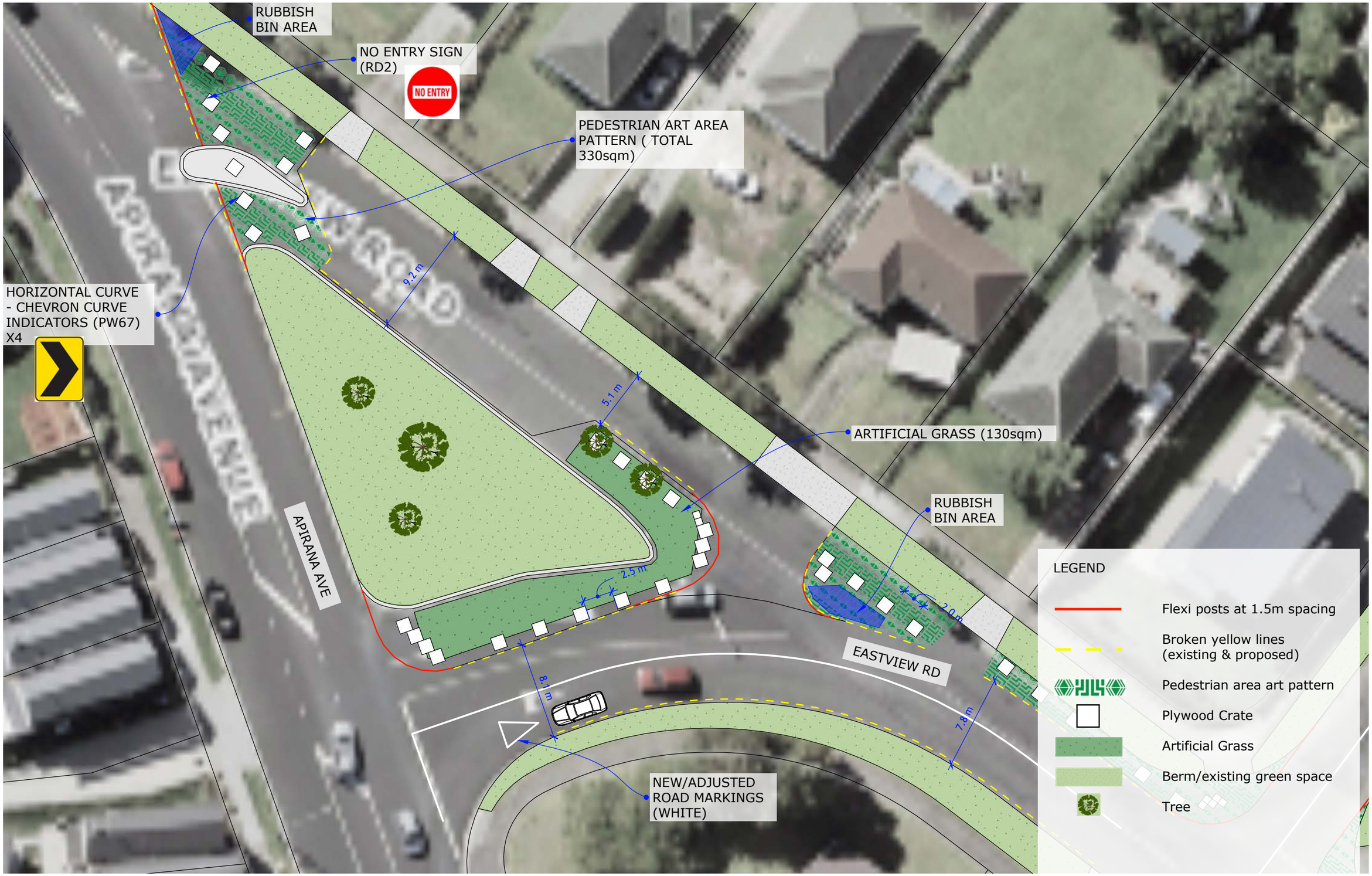
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Eastview/Apirana/Castledine
Concept overview

Eastview Low Traffic Area
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Apirana/Eastview intersection
Parklet

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RUBBISH BIN AREA

EXISITING ROAD MARKING

CASTLEDINE CRES

NEW ROAD MARKING

EXISITING ROAD MARKING

NEW ROAD MARKING

NEW ROAD MARKINGS (WHITE)

GI SEVENTH-DAY ADVENTIST CHURCH

EASTVIEW RD

7.8 m

2.5 m

7.8 m

2.5 m

5.9 m

1.5 m

LEGEND

- Flexi posts at 1.5m spacing
- Broken yellow lines (existing & proposed)
- Pedestrian area art pattern
- Plywood Crate
- Artificial Grass
- Berm/existing green space
- Tree

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Eastview/Castledine intersection
Geometry changes and placemaking

Eastview Low Traffic Area
Intervention Concept Designs

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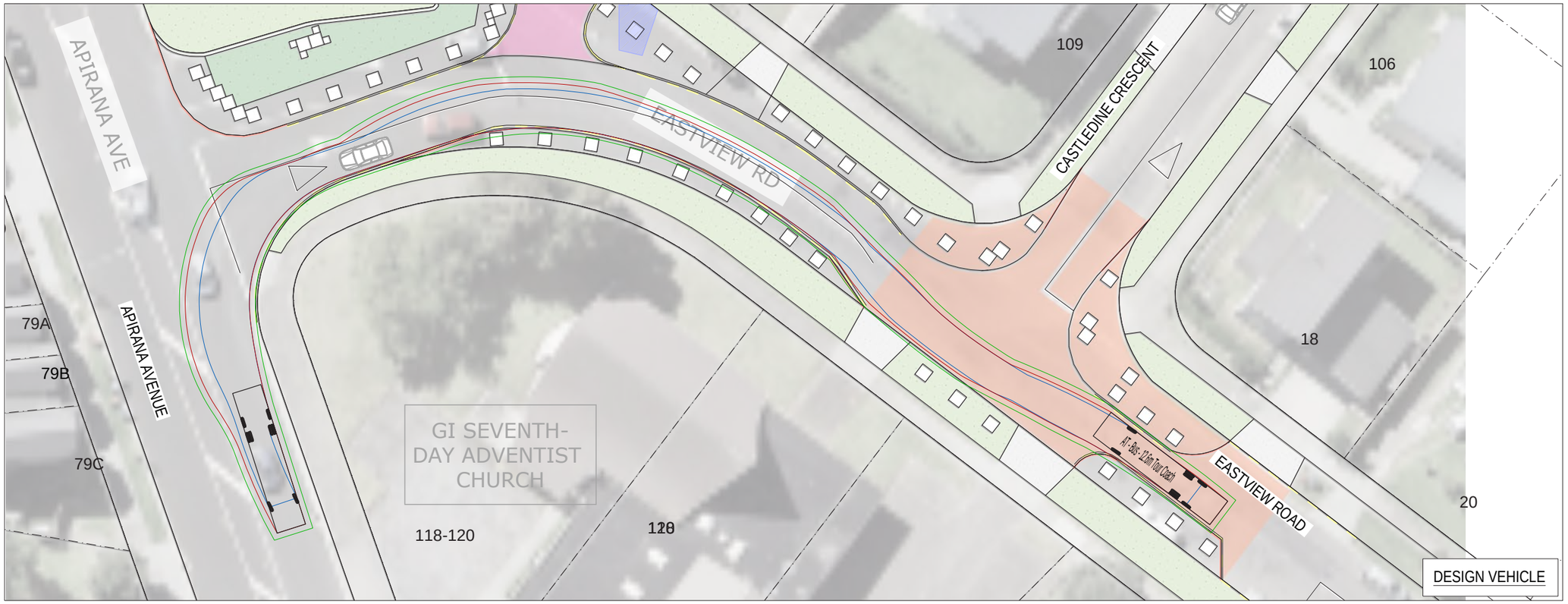
Locations of advanced warning signs (red circles)

Advanced warning signage

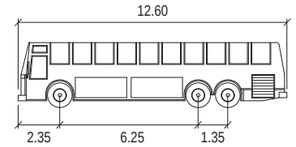
NEW ROAD LAYOUT signs are to be installed on temporary sign posts weighed down by sandbags for the duration of the trial. Suitable locations for the signs approximately 150m from the Apirana Avenue/Eastview Road intersection are marked on the adjacent map. Exact locations for the signs will need to be confirmed on site.



NEW ROAD LAYOUT sign - ***Code T221***

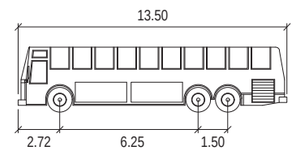


DESIGN VEHICLE



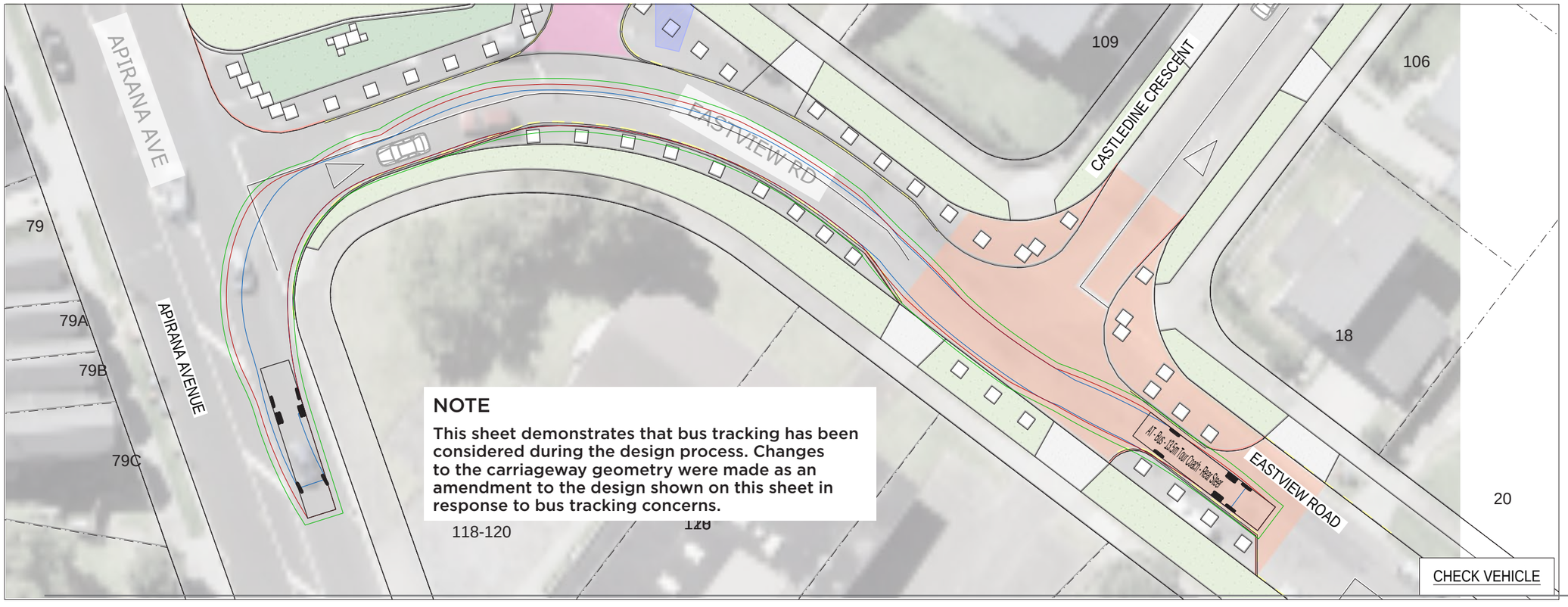
(AT DESIGN VEHICLE) - 12.6m TOUR COACH (RTS18)

Overall Length	12.600m
Overall Width	2.500m
Overall Body Height	4.164m
Min Body Ground Clearance	0.335m
Track Width	2.500m
Lock-to-lock time	6.00s
Wall to Wall Turning Radius	12.500m



13.5m TOUR COACH (REAR STEER)

Overall Length	13.500m
Overall Width	2.500m
Overall Body Height	3.373m
Min Body Ground Clearance	0.329m
Track Width	2.500m
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	47.00°



NOTE

This sheet demonstrates that bus tracking has been considered during the design process. Changes to the carriageway geometry were made as an amendment to the design shown on this sheet in response to bus tracking concerns.

CHECK VEHICLE

N

LEGEND

- BODY TRACKING
- TYRE TRACKING
- BODY CLEARANCE (500mm)

NOTE

VEHICLE TURNING SPEED AT 10 KPH

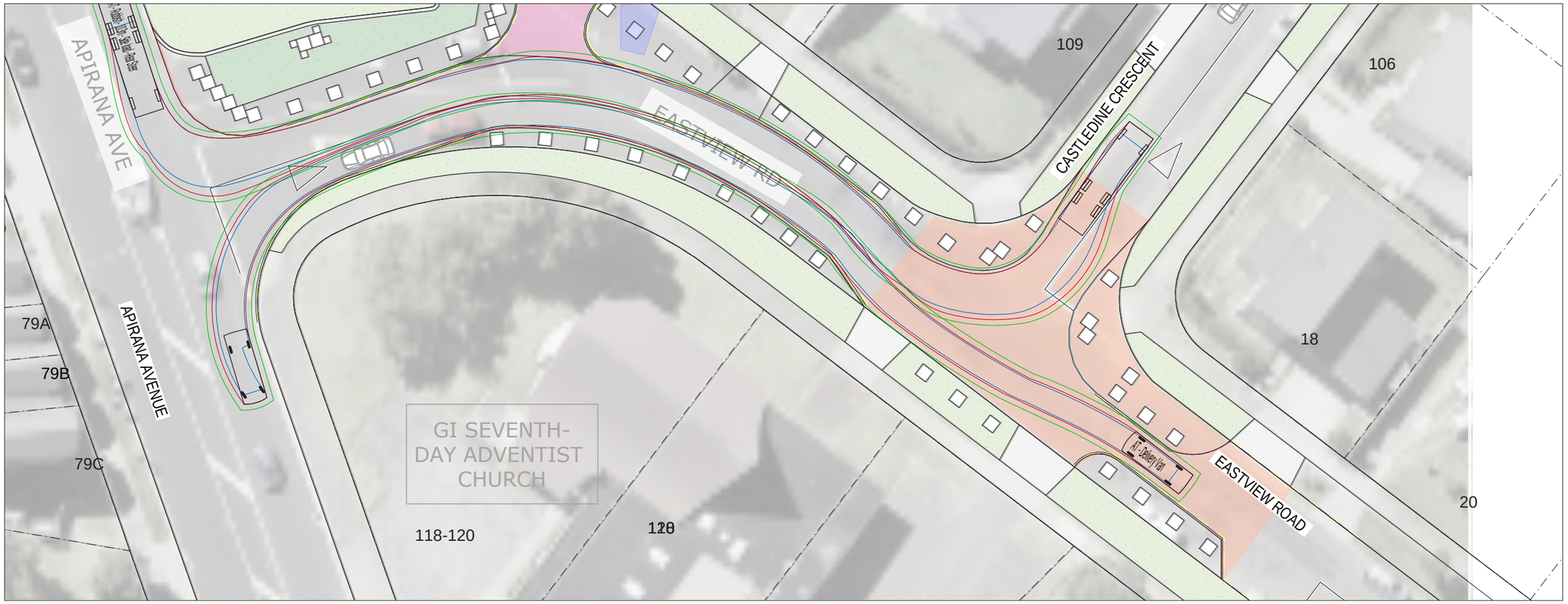
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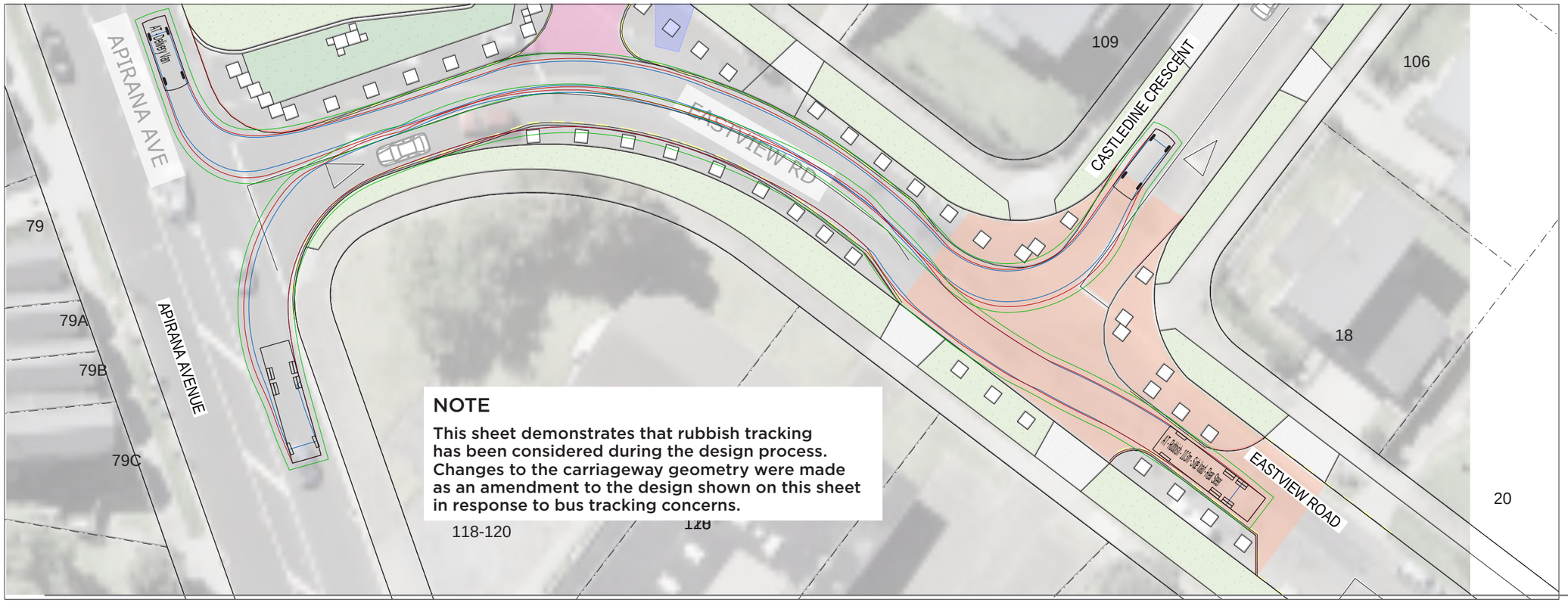
Eastview/Apirana/Castledine
Tracking - AT bus

Eastview Low Traffic Area
Intervention Concept Designs

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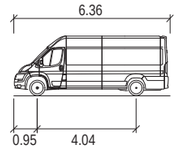
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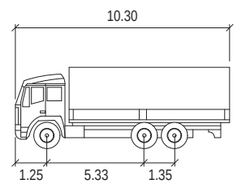
NOTE

This sheet demonstrates that rubbish tracking has been considered during the design process. Changes to the carriageway geometry were made as an amendment to the design shown on this sheet in response to bus tracking concerns.



AT - 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



RUBBISH - SIDE LOAD STEERABLE REAR 10.3m

Overall Length	10.300m
Overall Width	2.500m
Overall Body Height	3.632m
Min Body Ground Clearance	0.427m
Track Width	2.500m
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	47.00°

N

LEGEND

- BODY TRACKING
- TYRE TRACKING
- BODY CLEARANCE (500mm)

NOTE

VEHICLE TURNING SPEED AT 10 KPH

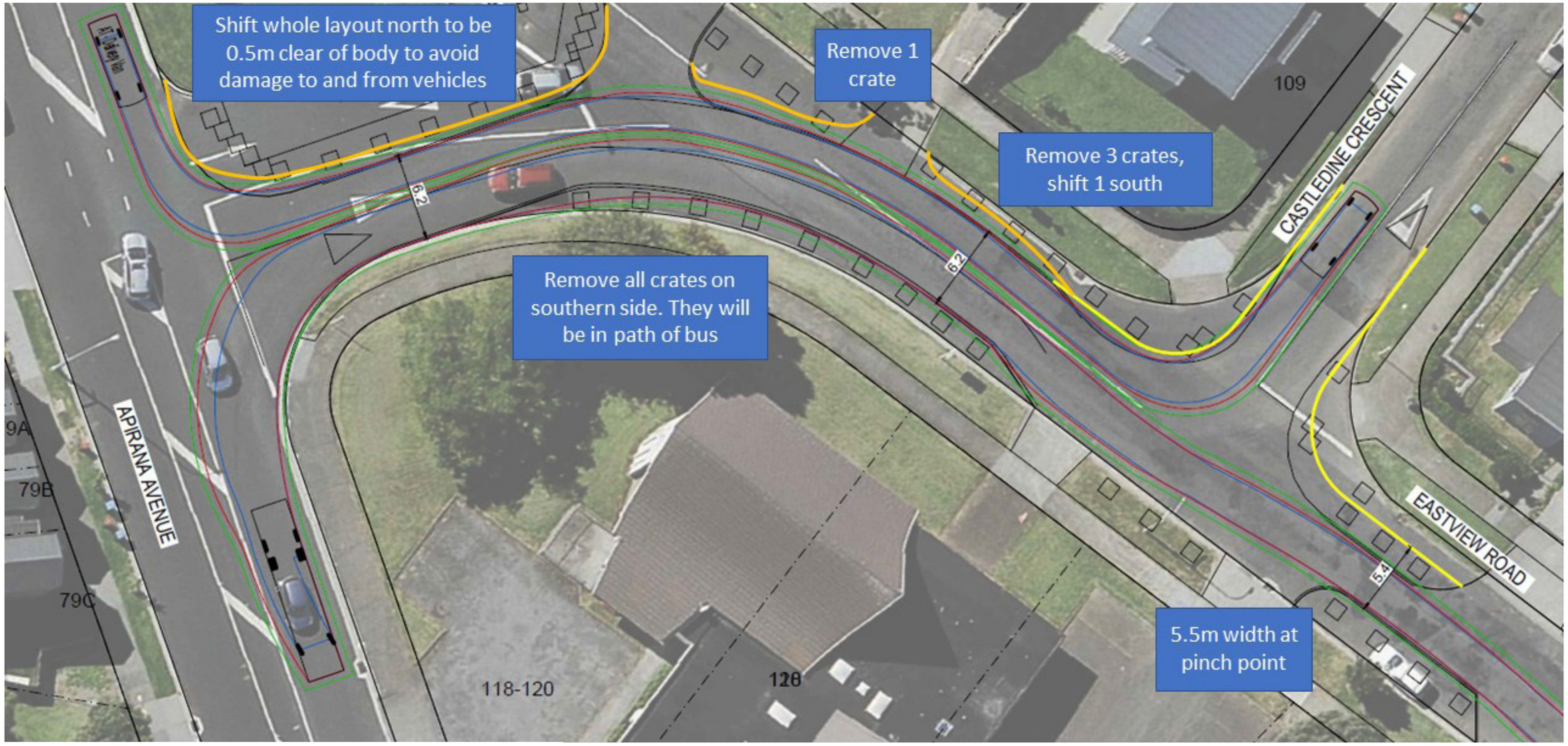
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Eastview/Apirana/Castledine
Tracking - rubbish truck

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NOTE

This sheet demonstrates changes proposed to the design in response to the above tracking. Changes to carriageway geometry were made subsequent to this mark-up to accommodate the movements shown in the concept designs in this document.

LEGEND

- BODY TRACKING
- TYRE TRACKING
- BODY CLEARANCE (500mm)
- AMENDED LINE OF DELINEATION DEVICES (HIT STICKS/ PLY CRATES)



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Typical
Gateway treatment

Eastview Low Traffic Area
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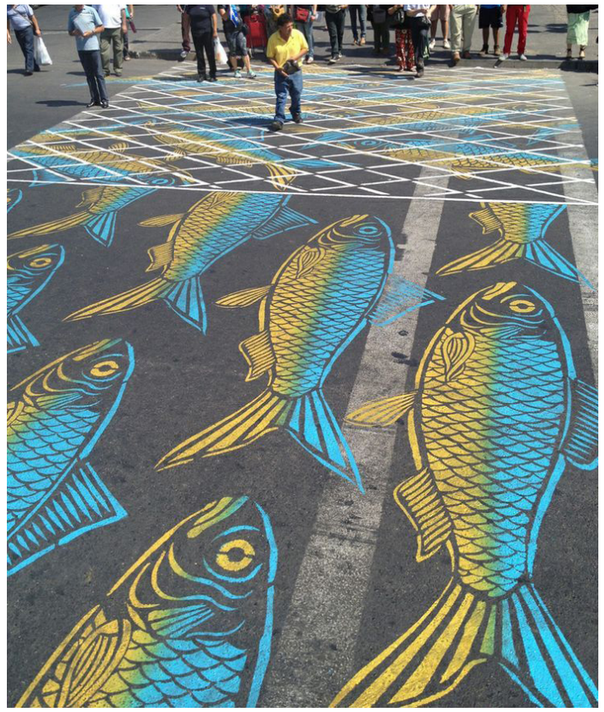
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Large plywood crate - 1120 x 1120 x 1055mm



Large plywood crate - 600 x 600 x 600mm



*Roadway art - **example only***



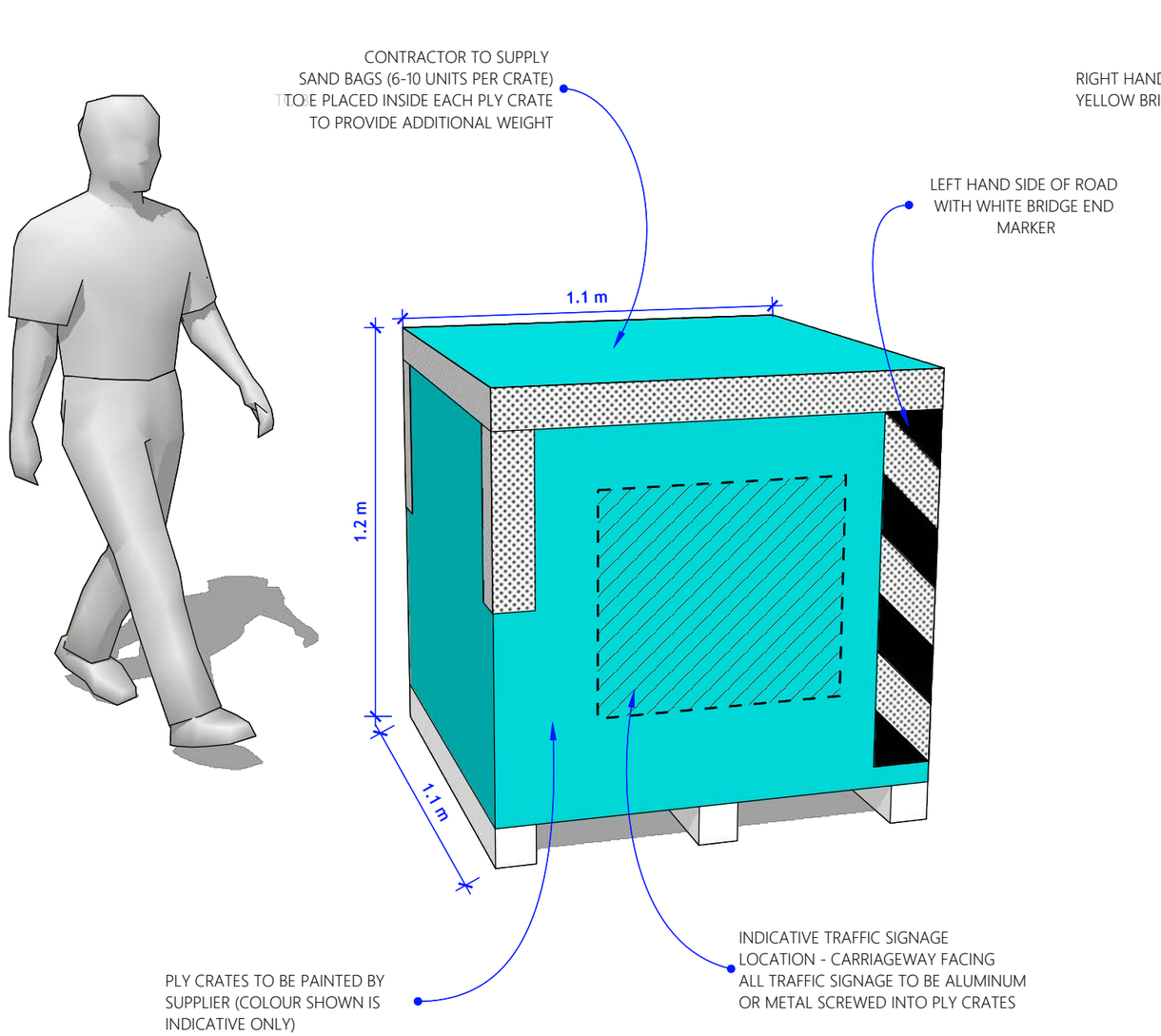
Artificial grass

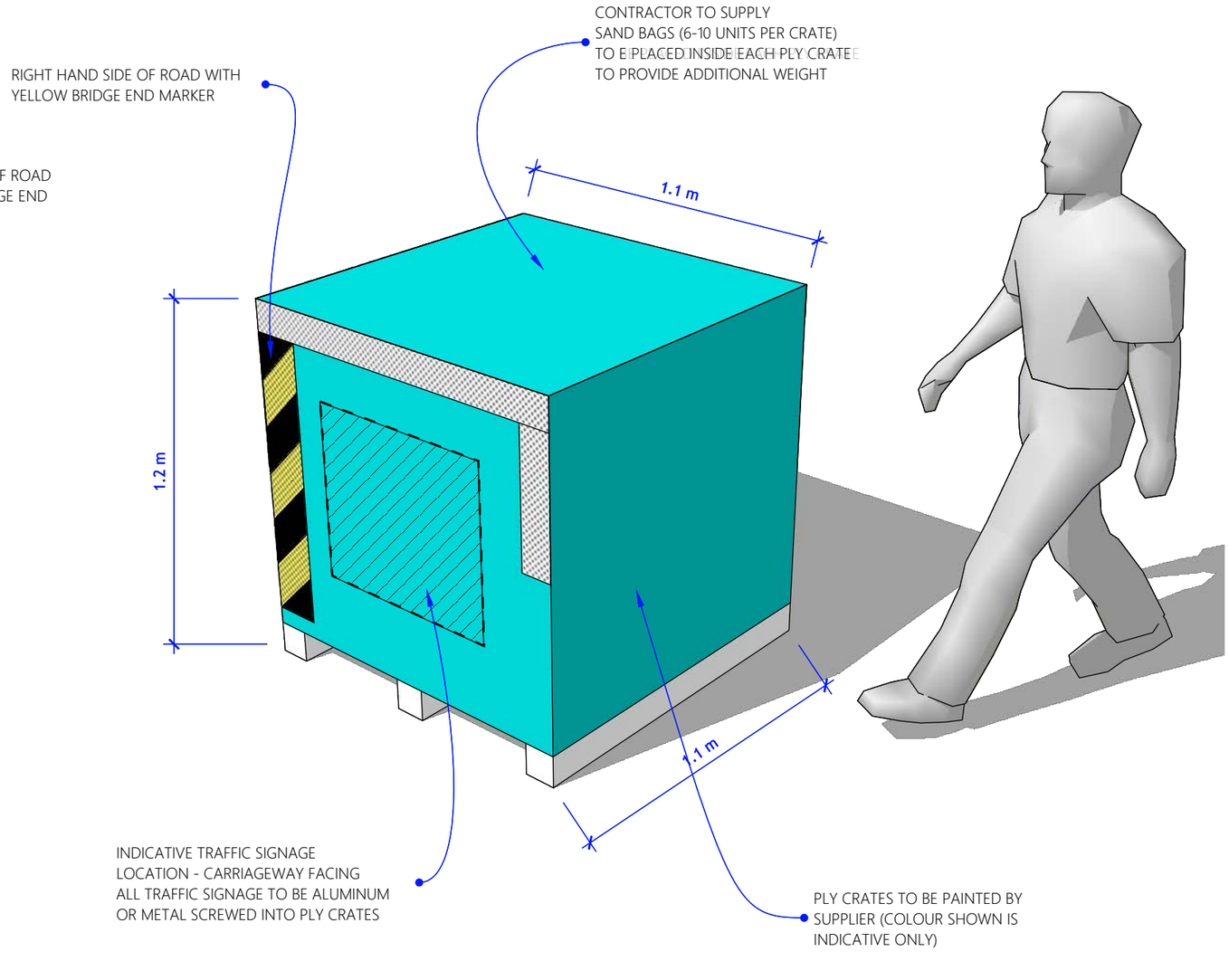


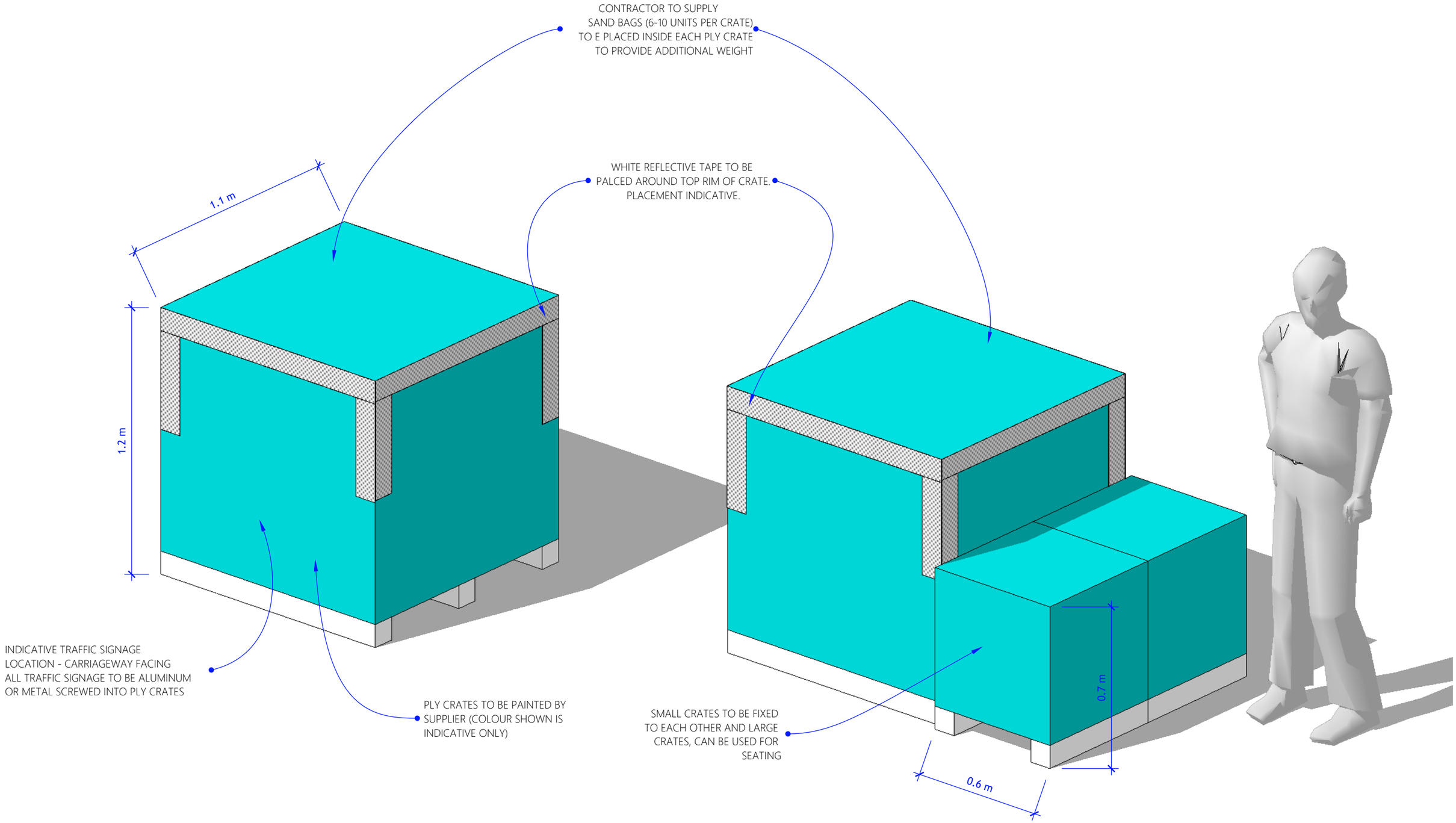
Flexi posts (colour to be decided)



Rubber wheel stop


CONTRACTOR TO SUPPLY
SAND BAGS (6-10 UNITS PER CRATE)
TO BE PLACED INSIDE EACH PLY CRATE
TO PROVIDE ADDITIONAL WEIGHT
LEFT HAND SIDE OF ROAD
WITH WHITE BRIDGE END
MARKER
1.1 m
1.2 m
1.1 m
PLY CRATES TO BE PAINTED BY
SUPPLIER (COLOUR SHOWN IS
INDICATIVE ONLY)
INDICATIVE TRAFFIC SIGNAGE
LOCATION - CARRIAGEWAY FACING
ALL TRAFFIC SIGNAGE TO BE ALUMINUM
OR METAL SCREWED INTO PLY CRATES


RIGHT HAND SIDE OF ROAD WITH
YELLOW BRIDGE END MARKER
CONTRACTOR TO SUPPLY
SAND BAGS (6-10 UNITS PER CRATE)
TO BE PLACED INSIDE EACH PLY CRATE
TO PROVIDE ADDITIONAL WEIGHT
1.1 m
1.2 m
1.1 m
INDICATIVE TRAFFIC SIGNAGE
LOCATION - CARRIAGEWAY FACING
ALL TRAFFIC SIGNAGE TO BE ALUMINUM
OR METAL SCREWED INTO PLY CRATES
PLY CRATES TO BE PAINTED BY
SUPPLIER (COLOUR SHOWN IS
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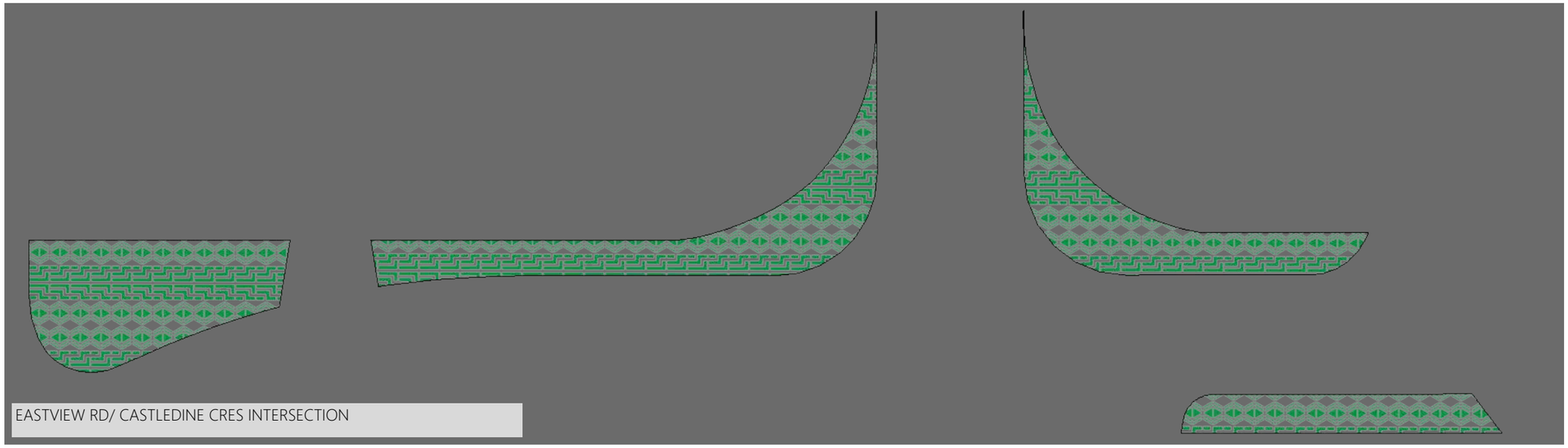
Materials
General ply crate assembly

Eastview Low Traffic Area
Intervention Concept Designs

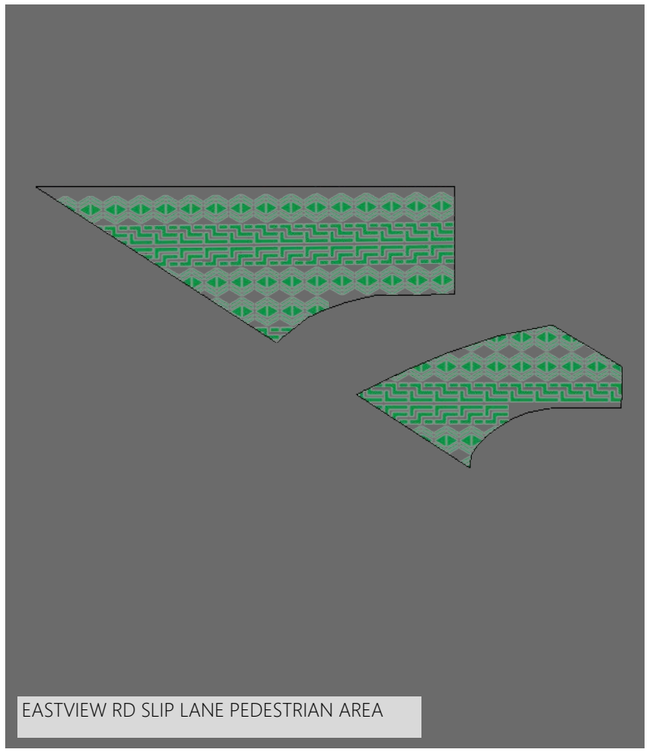
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PEDESTRIAN AREA ART EXAMPLE LAYOUTS



EASTVIEW RD/ CASTLEDINE CRES INTERSECTION



EASTVIEW RD SLIP LANE PEDESTRIAN AREA

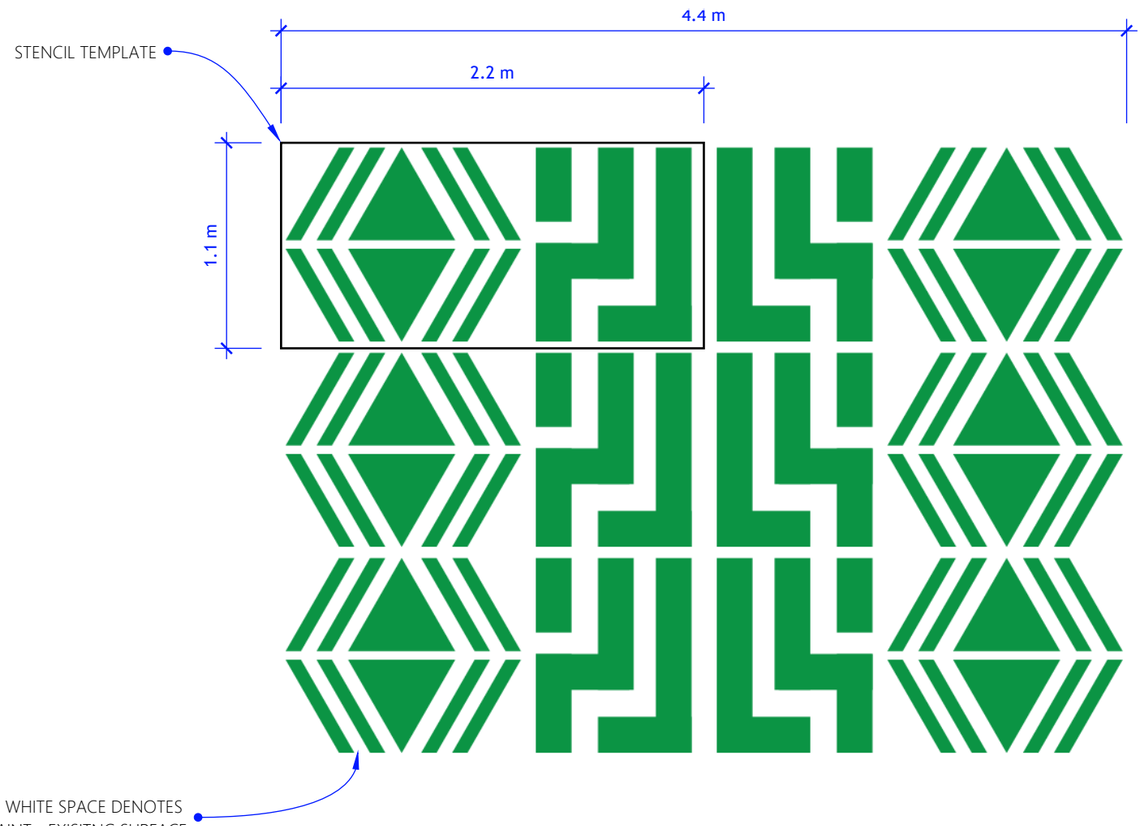


MERFIELD/ CASTLEDINE CRES INTERSECTION

PEDESTRIAN AREA ART PATTERN ILLUSTRATION

REPEATING PATTERN

COLOUR AS SELECTED - (GREEN)



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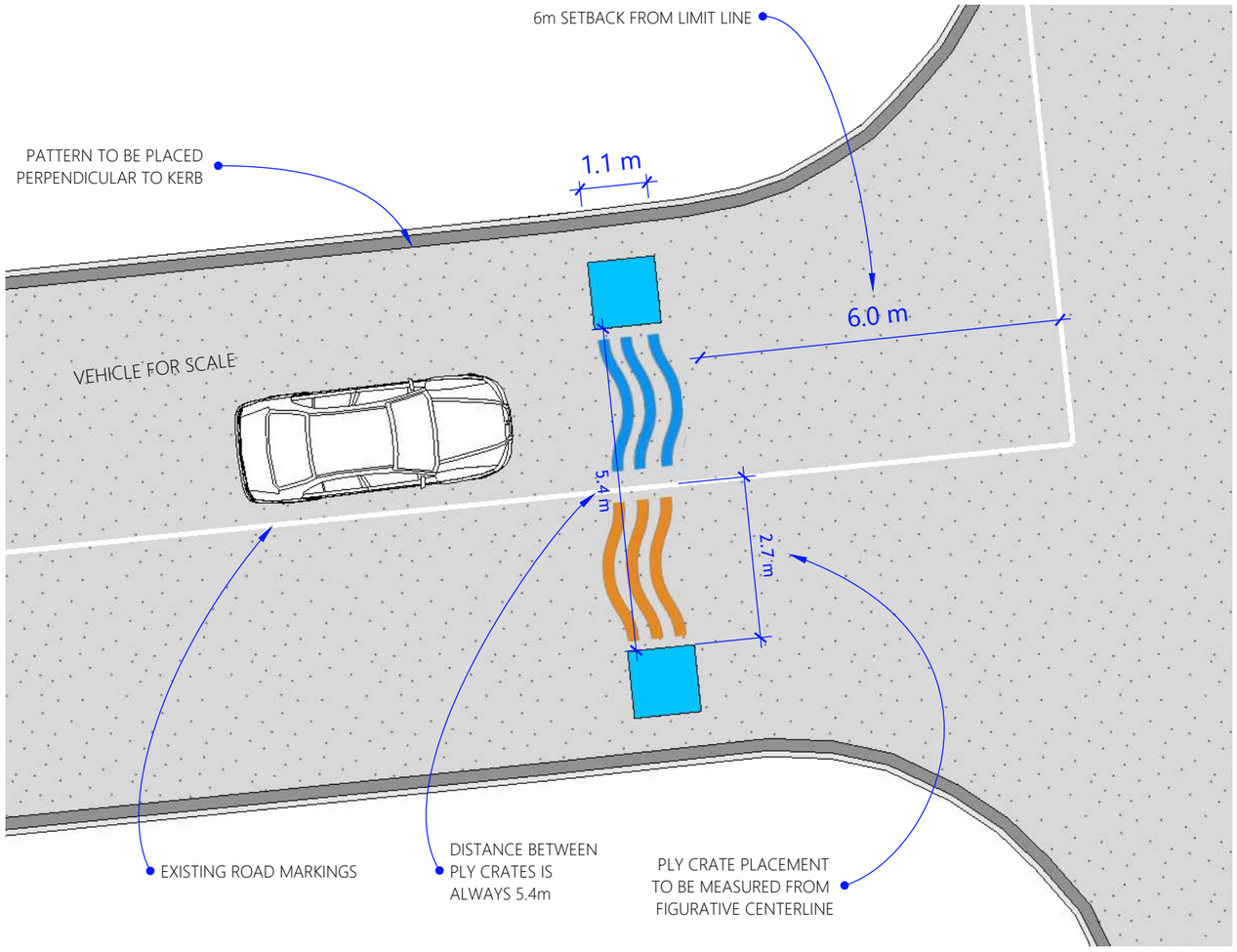
Roadway Art
Pattern 1 illustration

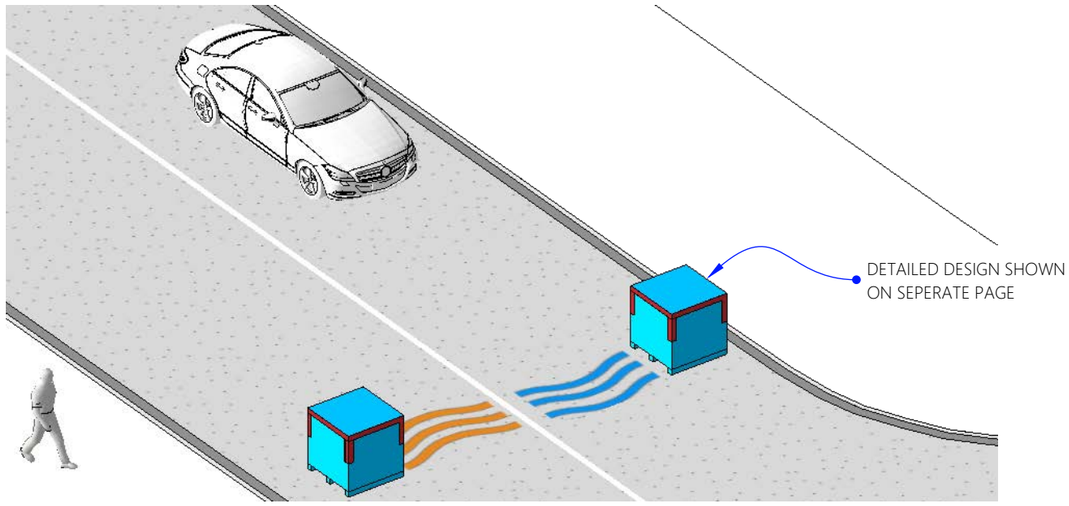
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Intervention Concept Designs

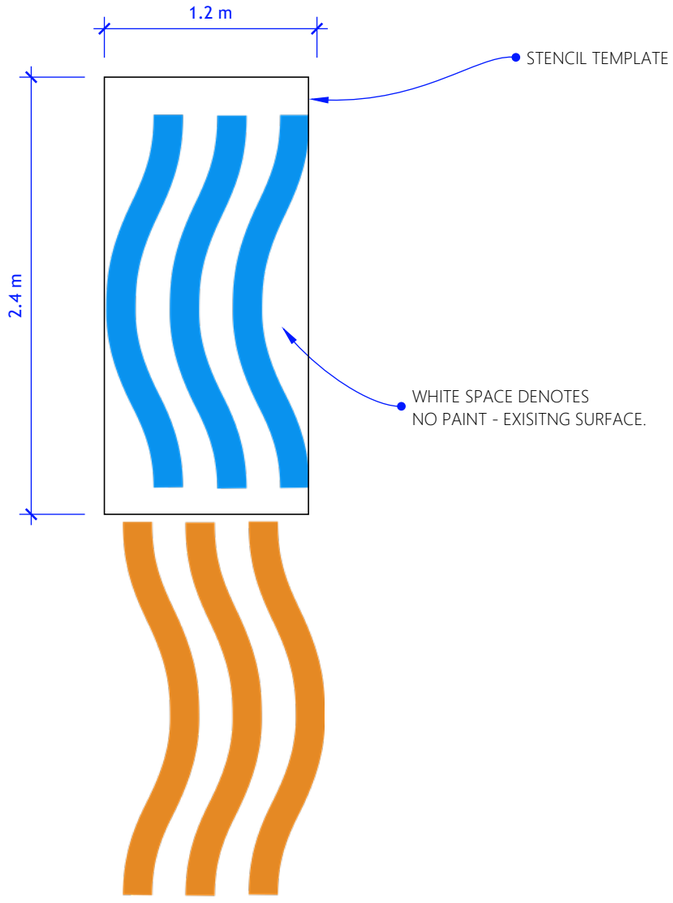
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GATEWAY ART PATTERN EXAMPLE LAYOUT







GATEWAY PATTERN ILLUSTRATION
REPEATING PATTERN
COLOUR AS SELECTED - (CYAN)

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Roadway Art
Gateway treatment illustration
OPTION 1

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Astro turf dimensions

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