



EXISTING DRAIN

MAIN SOUTH RAIL LINE

EXISTING 'LAKE HOOD AQUATIC PARK', 'ARCHIBALD ST', 'GRAHAM ST' SIGNS TO REMAIN

RELOCATE EXISTING RS1 '50/50' SIGNS

ARCHIBALD STREET (SH1)

EXISTING 'CUSTOMER CARPARK' SIGNS TO REMAIN
EXISTING 'BLACKBOARD' SIGN TO REMAIN
EXISTING RP1 'STOP' SIGN TO REMAIN
EXISTING 'CUSTOMER CARPARK' SIGNS TO REMAIN

ALL EXISTING LINE MARKING WITHIN KERB RENEWAL EXTENTS TO BE REINSTATED

GREEN MARKING TO BE LOCATED AT NEW NPD ACCESS

NO STOPPING LINE EXTENDED 15m

JOIN LINE - REFER DRG 12560966-C265

LAYOUT PLAN
SCALE 1:250

LEGEND - PROPOSED

	KERB AND CHANNEL
	GREEN SURFACE
	CUTDOWN
	100mm WHITE CONTINUITY
	100mm WHITE LINE
	300mm WHITE LIMIT LINE
	YELLOW NO STOPPING
	YELLOW NO PASSING
	LINE MARKING TO BE REMOVED
	RED BLOCK SURFACING (COLOUR: R13 SIGNAL RED)
	WHITE CYCLE SYMBOL
	EXISTING SIGN
	PROPOSED SIGN
	SIGN TO BE REMOVED
	SIGN TO BE RELOCATED
	YELLOW WARNING AND DIRECTIONAL TACTILE GROUND SURFACE INDICATORS
	TRAFFIC SIGNAL POLES

LEGEND - EXISTING FEATURES

	LEGAL BOUNDARY LINE
	KERB AND CHANNEL
	RAILWAY TRACKS
	EDGE OF SEAL
	FENCE / W-BEAM BARRIER
	TOP OF BANK
	BOTTOM OF BANK
	BUILDINGS
	SIGNS

NOTES:

- ALL ROAD MARKING AND SIGNAGE TO COMPLY WITH THE WAKA KOTAHĪ TRAFFIC CONTROL DEVICES MANUAL AND WAKA KOTAHĪ NZ TRANSPORT AGENCY'S MANUAL OF TRAFFIC SIGNS AND MARKINGS (MOTSAM), UNLESS SPECIFIED OTHERWISE.
- PROPOSED LOCATIONS FOR SIGNALS, SIGNS AND ROAD MARKINGS ARE TO BE VERIFIED ON SITE BY THE ENGINEER AND APPROVED BY THE ROAD CONTROLLING AUTHORITY (RCA) PRIOR TO CONSTRUCTION.
- ALL SIGNAGE TO COMPLY WITH RSMA COMPLIANCE STANDARD FOR TRAFFIC SIGNS.
- ALL REDUNDANT LINE MARKING TO BE REMOVED BY PERMANENT OVERLAY OR A SELECTED SURFACE REMOVAL METHOD FOLLOWED BY VOID CONCEALMENT, IN ACCORDANCE WITH THE NZRF LINE REMOVAL GUIDE SECTION 7. BLACK OUT NOT ACCEPTABLE.
- ALL SIGNS TO BE PLACED MINIMUM 400mm BEHIND KERB OR EDGE OF SEAL AS AGREED WITH THE ENGINEER.
- ALL RELOCATED AND NEW SIGNAGE AND THEIR SUPPORTS SHALL COMPLY WITH WAKA KOTAHĪ P24 SPECIFICATION FOR PERMANENT TRAFFIC SIGNS.
- REFER TO DRG 12560966-G005 ROAD MARKING LEGEND FOR TYPICAL LINE MARKING AND LAYOUT OF RRPMS.

0 2.5 5 7.5 10 12.5m
SCALE 1:250 AT ORIGINAL SIZE

Rev	Description	Checked	Approved	Date
1	ISSUED FOR CONSTRUCTION	SN*	DMP*	21.06.23
0	ISSUED FOR TENDER	SN*	DMP*	14.03.23
Author	N. MACHIE	Drafting Check	G. DOUGHERTY*	
Designer	G. RYAN	Design Check	A. FERGUS*	



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Project No.
12560966

Client WAKA KOTAHĪ NZ TRANSPORT AGENCY
Project TINWALD CORRIDOR IMPROVEMENTS

Status CONSTRUCTION

Drawing Title
LINE MARKING AND
SIGNAGE PLANS
SHEET 1

Status Code
S4

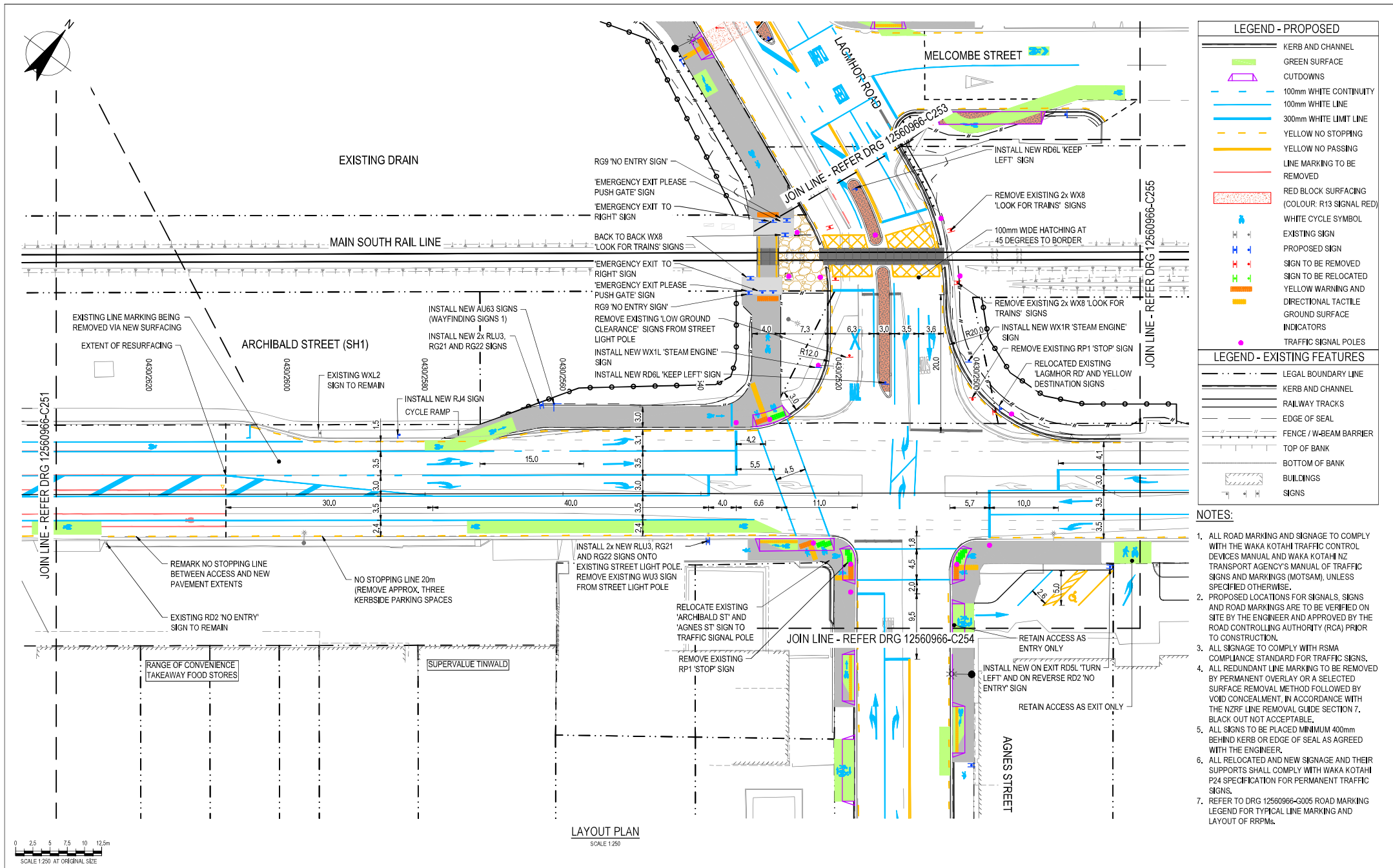
Drawing No.
12560966-C251

Size
A1

Rev
1

Plot Date: 21 June 2023 - 10:55 am Plotted by: Nicki Mackie

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Rev	Description	Checked	Approved	Date
Author	N. MAOHE	Drafting Check	G. DOUGHERTY*	
Designer	G. RYAN	Design Check	A. FERGUS*	

Plot Date: 21 June 2023 - 10:55 am Plotted by: Nicki Maclean



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Project TINWALD CORRIDOR IMPROVEMENTS

Status CONSTRUCTION

Drawing Title LINE MARKING AND SIGNAGE PLANS
SHEET 2

Status

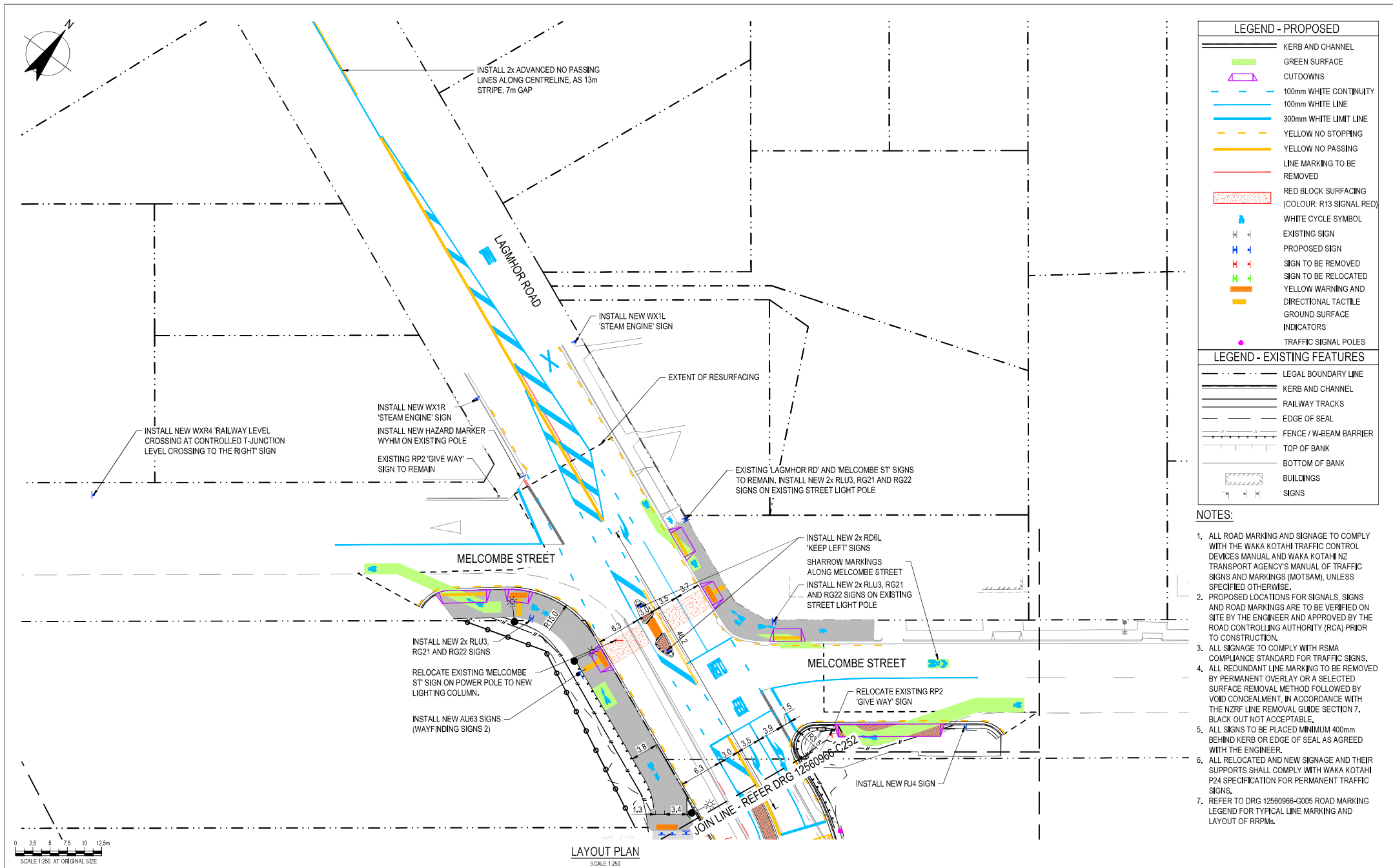
S4

Drawing No.
12560966-C252

Size
A1

Rev
1

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1	ISSUED FOR CONSTRUCTION	SN*	DAM*	21.06.23
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Author	N. MACQUE	Drafting Check	G. DOUGHERTY*	
Designer	G. RYAN	Design Check	A. FERGUS*	



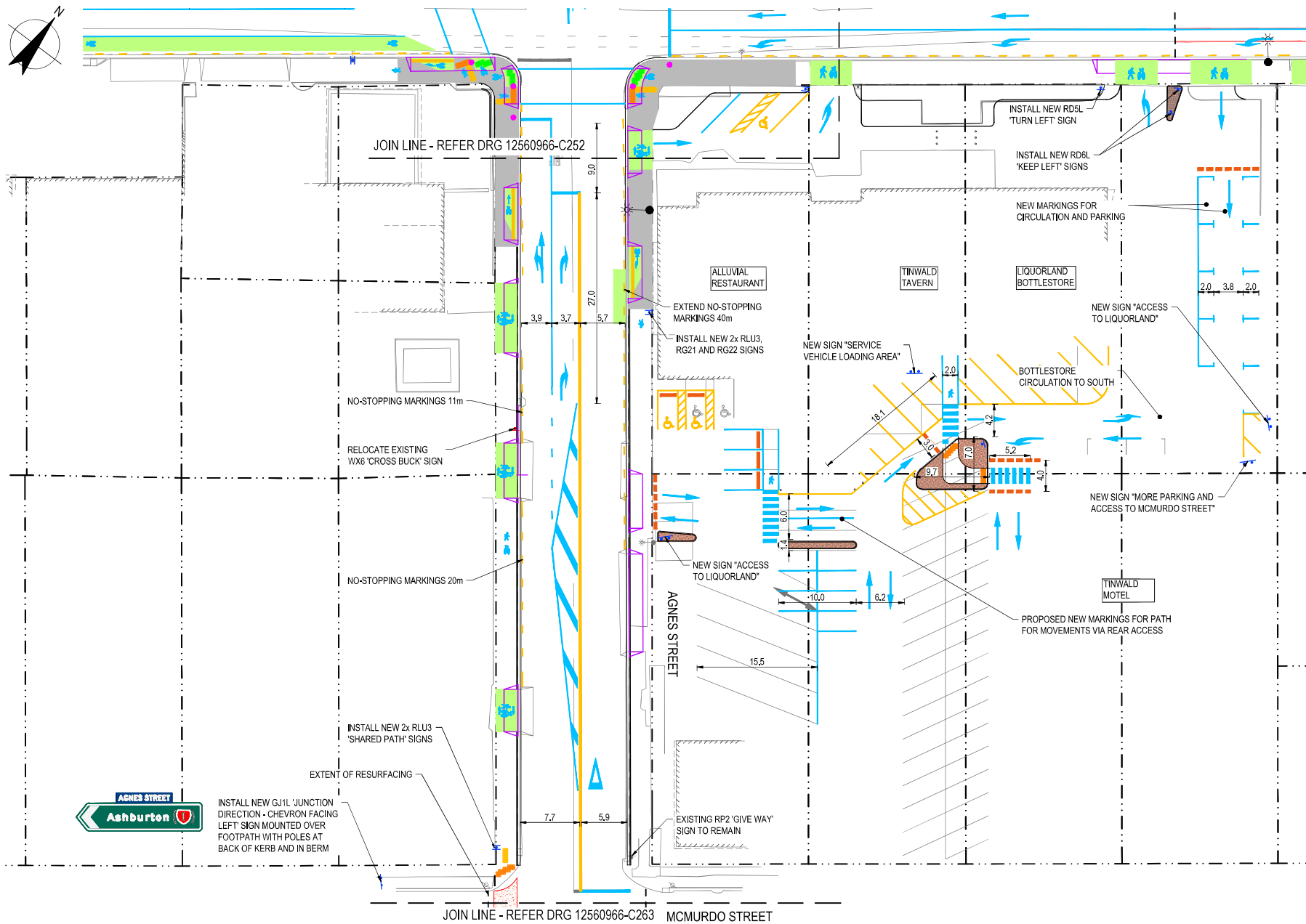
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Project No.
12560966



Client	WAKA KOTAHI NZ TRANSPORT AGENCY
Project	TINWALD CORRIDOR IMPROVEMENTS
Status	CONSTRUCTION

Drawing Title	LINE MARKING AND SIGNAGE PLANS
Sheet	SHEET 3
Drawing No.	12560966-C253
Rev	1



LEGEND - PROPOSED	
	KERB AND CHANNEL
	GREEN SURFACE
	CUTDOWN
	100mm WHITE CONTINUITY
	100mm WHITE LINE
	300mm WHITE LIMIT LINE
	YELLOW NO STOPPING
	YELLOW NO PASSING
	LINE MARKING TO BE REMOVED
	RED BLOCK SURFACING (COLOUR: R13 SIGNAL RED)
	WHITE CYCLE SYMBOL
	EXISTING SIGN
	PROPOSED SIGN
	SIGN TO BE REMOVED
	SIGN TO BE RELOCATED
	YELLOW WARNING AND DIRECTIONAL TACTILE GROUND SURFACE INDICATORS
	TRAFFIC SIGNAL POLES
LEGEND - EXISTING FEATURES	
	LEGAL BOUNDARY LINE
	KERB AND CHANNEL
	RAILWAY TRACKS
	EDGE OF SEAL
	FENCE / W-BEAM BARRIER
	TOP OF BANK
	BOTTOM OF BANK
	BUILDINGS
	SIGNS

NOTES:

1. ALL ROAD MARKING AND SIGNAGE TO COMPLY WITH THE WAKA KOTAHI TRAFFIC CONTROL DEVICES MANUAL AND WAKA KOTAHI NZ TRANSPORT AGENCY'S MANUAL OF TRAFFIC SIGNS AND MARKINGS (MOTSAM), UNLESS SPECIFIED OTHERWISE.
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7. REFER TO DRG 12560966-G005 ROAD MARKING LEGEND FOR TYPICAL LINE MARKING AND LAYOUT OF RRPMS.

0 2.5 5 7.5 10 12.5m
SCALE 1:250 AT ORIGINAL SIZE

LAYOUT PLAN
SCALE 1:250

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Client	WAKA KOTAHI NZ TRANSPORT AGENCY
Project	TINWALD CORRIDOR IMPROVEMENTS
Status	CONSTRUCTION

Drawing Title
LINE MARKING AND SIGNAGE PLANS
SHEET 4

Size
A1
Rev
1

Plot Date: 21 June 2023 - 10:55 am
Plotted by: Nick Macque

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Project No.
12560966

Status
S4

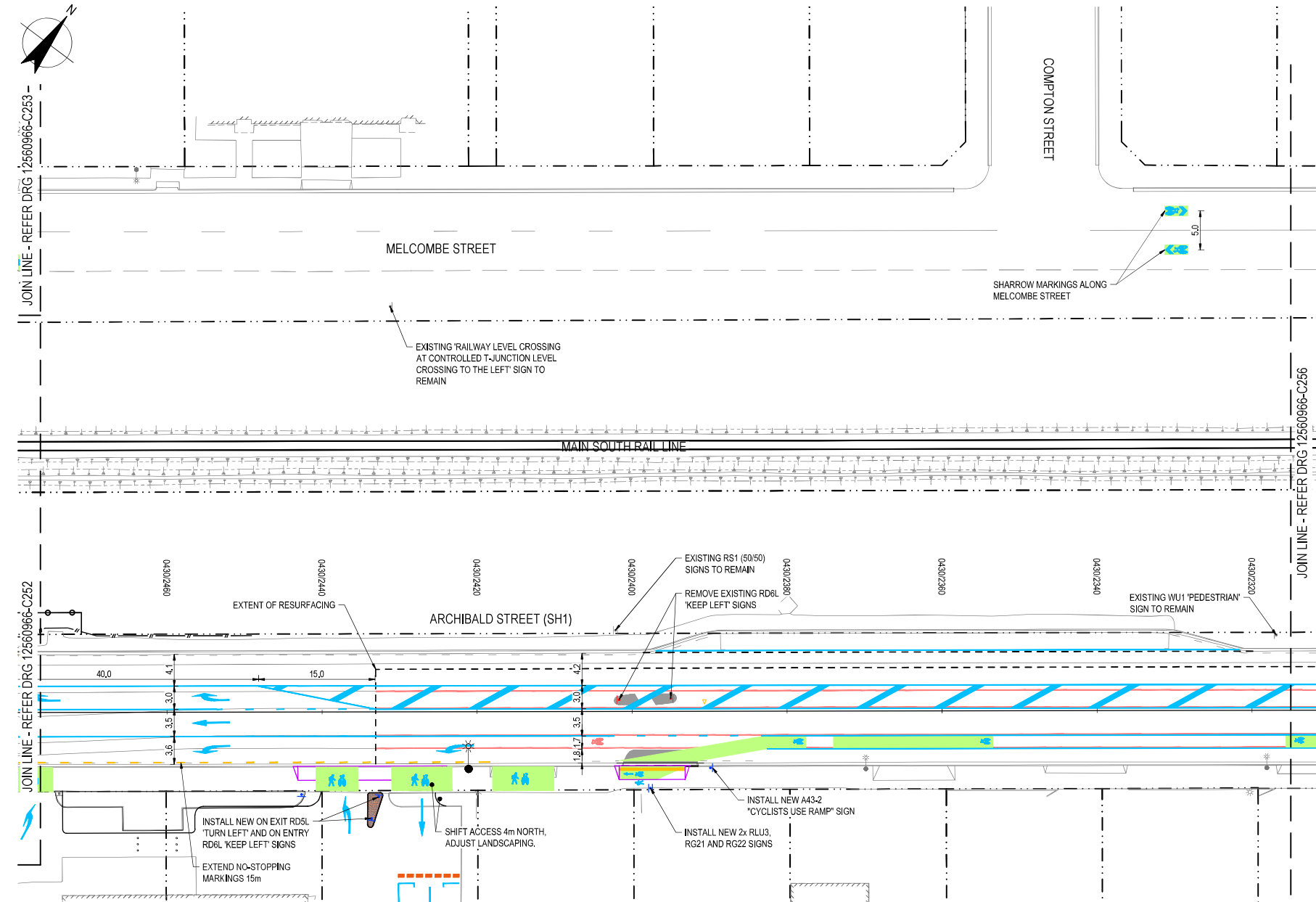
Drawing No.
12560966-C254



JOIN LINE - REFER DRG 12560966-C253

JOIN LINE - REFER DRG 12560966-C252

JOIN LINE - REFER DRG 12560966-C256



LEGEND - PROPOSED	
	KERB AND CHANNEL
	GREEN SURFACE
	CUTDOWN
	100mm WHITE CONTINUITY
	100mm WHITE LINE
	300mm WHITE LIMIT LINE
	YELLOW NO STOPPING
	YELLOW NO PASSING
	LINE MARKING TO BE REMOVED
	RED BLOCK SURFACING (COLOUR: R13 SIGNAL RED)
	WHITE CYCLE SYMBOL
	EXISTING SIGN
	PROPOSED SIGN
	SIGN TO BE REMOVED
	SIGN TO BE RELOCATED
	YELLOW WARNING AND DIRECTIONAL TACTILE GROUND SURFACE INDICATORS
	TRAFFIC SIGNAL POLES

LEGEND - EXISTING FEATURES	
	LEGAL BOUNDARY LINE
	KERB AND CHANNEL
	RAILWAY TRACKS
	EDGE OF SEAL
	FENCE / W-BEAM BARRIER
	TOP OF BANK
	BOTTOM OF BANK
	BUILDINGS
	SIGNS

NOTES:

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0 2.5 5 7.5 10 12.5m
SCALE 1:250 AT ORIGINAL SIZE

LAYOUT PLAN
SCALE 1:250

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Rev	Description	Checked	Approved	Date
Author	N. MAOHE	Drafting Check	G. DOUGHERTY*	
Designer	G. RYAN	Design Check	A. FERGUS*	



Client	WAKA KOTAHĀI NZ TRANSPORT AGENCY
Project	TINWALD CORRIDOR IMPROVEMENTS
Status	CONSTRUCTION

Drawing Title	LINE MARKING AND SIGNAGE PLANS SHEET 5
Drawing No.	12560966-C255
Rev	1

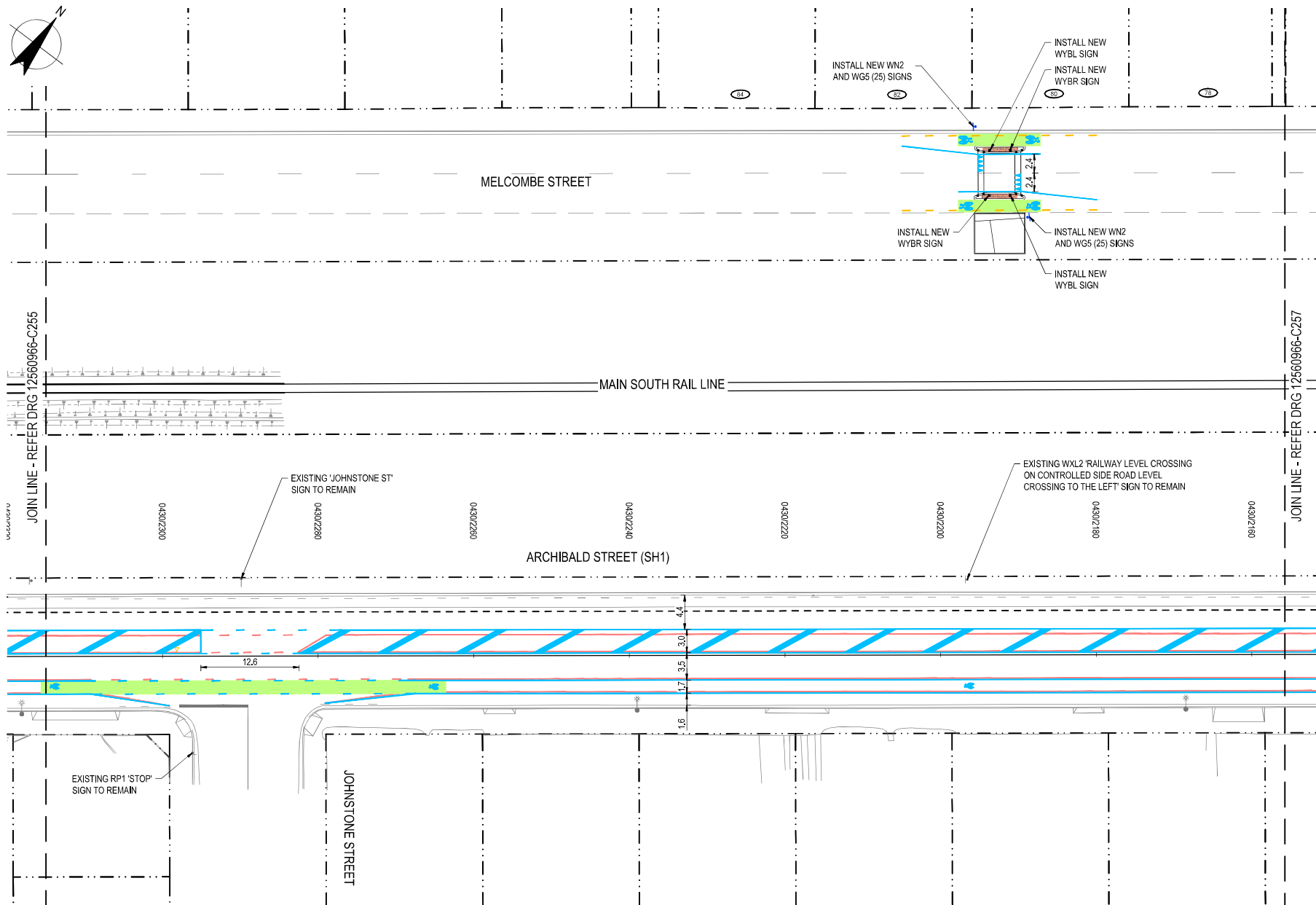
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Project No.
12560966

Status Code
S4

12560966-C255



LEGEND - PROPOSED	
	KERB AND CHANNEL
	GREEN SURFACE
	CUTDOWNS
	100mm WHITE CONTINUITY
	100mm WHITE LINE
	300mm WHITE LIMIT LINE
	YELLOW NO STOPPING
	YELLOW NO PASSING
	LINE MARKING TO BE REMOVED
	RED BLOCK SURFACING (COLOUR: R13 SIGNAL RED)
	WHITE CYCLE SYMBOL
	EXISTING SIGN
	PROPOSED SIGN
	SIGN TO BE REMOVED
	SIGN TO BE RELOCATED
	YELLOW WARNING AND DIRECTIONAL TACTILE GROUND SURFACE INDICATORS
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LEGEND - EXISTING FEATURES	
	LEGAL BOUNDARY LINE
	KERB AND CHANNEL
	RAILWAY TRACKS
	EDGE OF SEAL
	FENCE / W-BEAM BARRIER
	TOP OF BANK
	BOTTOM OF BANK
	BUILDINGS
	SIGNS

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7. REFER TO DRG 12560966-G005 ROAD MARKING LEGEND FOR TYPICAL LINE MARKING AND LAYOUT OF RRPMS.

0 2.5 5 7.5 10 12.5m
SCALE 1:250 AT ORIGINAL SIZE

LAYOUT PLAN
SCALE 1:250

Rev	Description	Checked	Approved	Date
1	ISSUED FOR CONSTRUCTION	SN*	DM*	21.06.23
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Author	N. MAOHE	Drafting Check	G. DOUGHERTY*	
Designer	G. RYAN	Design Check	A. FERGUS*	



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Project No.
12560966

Client WAKA KOTAHĪ NZ TRANSPORT AGENCY
Project TINWALD CORRIDOR IMPROVEMENTS

Status CONSTRUCTION

Status Code S4

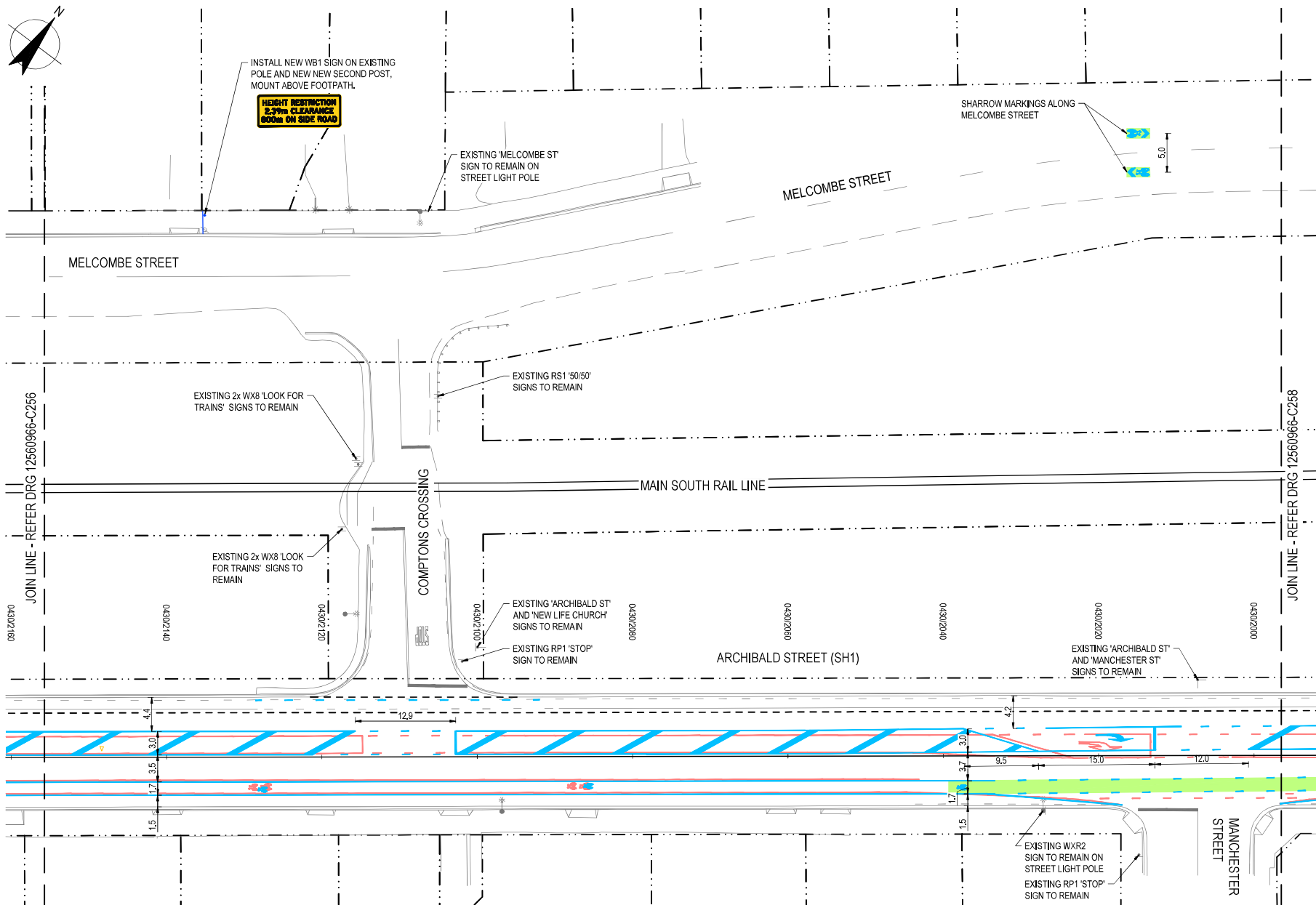
Drawing Title
LINE MARKING AND SIGNAGE PLANS
SHEET 6

Drawing No.
12560966-C256

Size
A1
Rev
1

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Plotted by: Nicki Mackie

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LAYOUT PLAN
SCALE 1:250

0 2.5 5 7.5 10 12.5m
SCALE 1:250 AT ORIGINAL SIZE

LEGEND - PROPOSED

	KERB AND CHANNEL
	GREEN SURFACE
	OUTDOWNS
	100mm WHITE CONTINUITY
	100mm WHITE LINE
	300mm WHITE LIMIT LINE
	YELLOW NO STOPPING
	YELLOW NO PASSING
	LINE MARKING TO BE REMOVED
	RED BLOCK SURFACING (COLOUR: R13 SIGNAL RED)
	WHITE CYCLE SYMBOL
	EXISTING SIGN
	PROPOSED SIGN
	SIGN TO BE REMOVED
	SIGN TO BE RELOCATED
	YELLOW WARNING AND DIRECTIONAL TACTILE GROUND SURFACE INDICATORS
	TRAFFIC SIGNAL POLES

LEGEND - EXISTING FEATURES

	LEGAL BOUNDARY LINE
	KERB AND CHANNEL
	RAILWAY TRACKS
	EDGE OF SEAL
	FENCE / W-BEAM BARRIER
	TOP OF BANK
	BOTTOM OF BANK
	BUILDINGS
	SIGNS

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Client WAKA KOTAHĪ NZ TRANSPORT AGENCY
Project TINWALD CORRIDOR IMPROVEMENTS

Status CONSTRUCTION

Drawing Title
LINE MARKING AND
SIGNAGE PLANS
SHEET 7

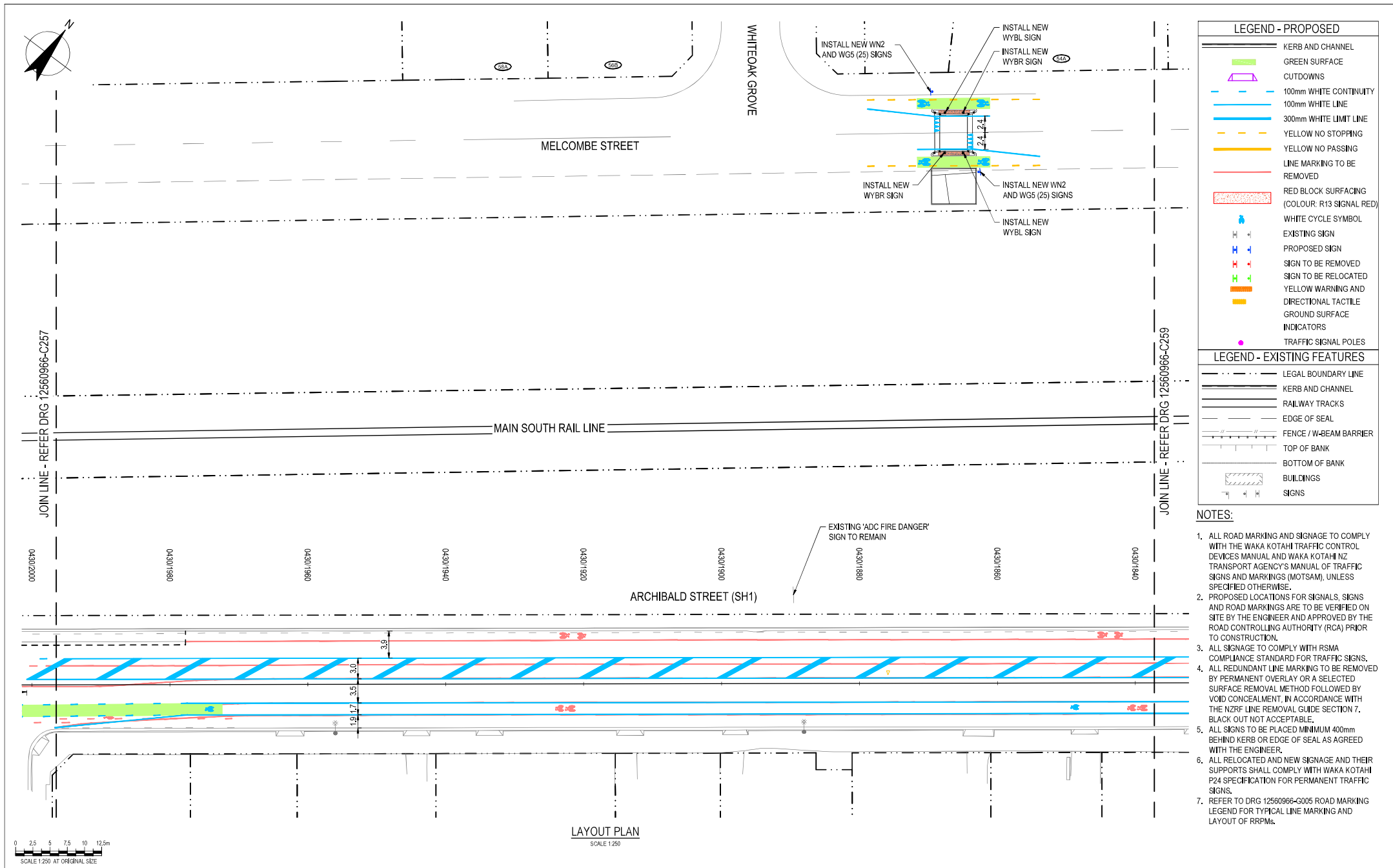
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S4

Drawing No.
12560966-C257

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A1

Rev
1

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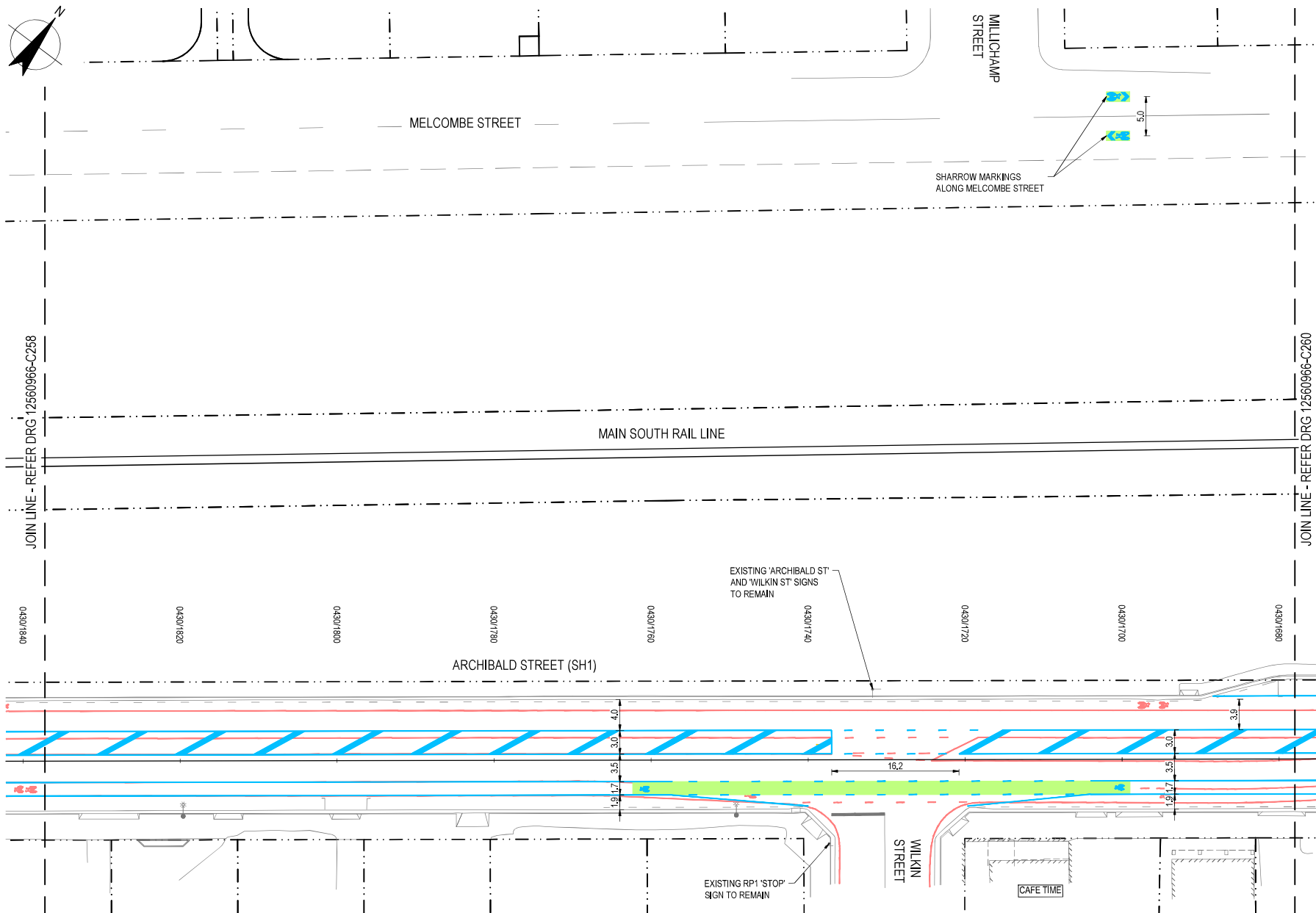
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Client	WAKA KOTAHĀI NZ TRANSPORT AGENCY
Project	TINWALD CORRIDOR IMPROVEMENTS
Status	CONSTRUCTION

Drawing Title	LINE MARKING AND SIGNAGE PLANS SHEET 8
Drawing No.	12560966-C258
Rev	1



LEGEND - PROPOSED	
	KERB AND CHANNEL
	GREEN SURFACE
	OUTDOWNS
	100mm WHITE CONTINUITY
	100mm WHITE LINE
	300mm WHITE LIMIT LINE
	YELLOW NO STOPPING
	YELLOW NO PASSING
	LINE MARKING TO BE REMOVED
	RED BLOCK SURFACING (COLOUR: R13 SIGNAL RED)
	WHITE CYCLE SYMBOL
	EXISTING SIGN
	PROPOSED SIGN
	SIGN TO BE REMOVED
	SIGN TO BE RELOCATED
	YELLOW WARNING AND DIRECTIONAL TACTILE
	GROUND SURFACE INDICATORS
	TRAFFIC SIGNAL POLES

LEGEND - EXISTING FEATURES	
	LEGAL BOUNDARY LINE
	KERB AND CHANNEL
	RAILWAY TRACKS
	EDGE OF SEAL
	FENCE / W-BEAM BARRIER
	TOP OF BANK
	BOTTOM OF BANK
	BUILDINGS
	SIGNS

NOTES:

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LAYOUT PLAN
SCALE 1:250

1	ISSUED FOR CONSTRUCTION	SN*	DMP*	21.06.23
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Designer	G. RYAN	Design Check	A. FERGUS*	



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Status	CONSTRUCTION

Drawing Title
LINE MARKING AND SIGNAGE PLANS
SHEET 9

Drawing No.
12560966-C259

Site
A1
Rev
1



MELCOMBE STREET

NIXON STREET

INSTALL NEW WN2 AND WG5 (25) SIGNS

INSTALL NEW WYBL SIGN

INSTALL NEW WYBR SIGN

INSTALL NEW WYBR SIGN

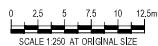
INSTALL NEW WN2 AND WG5 (25) SIGNS

INSTALL NEW WYBL SIGN

MAIN SOUTH RAIL LINE

ARCHIBALD STREET (SH1)

TINWALD MEDICAL CENTRE



LAYOUT PLAN
SCALE 1:250

LEGEND - PROPOSED

	KERB AND CHANNEL
	GREEN SURFACE
	CUTDOWN
	100mm WHITE CONTINUITY
	100mm WHITE LINE
	300mm WHITE LIMIT LINE
	YELLOW NO STOPPING
	YELLOW NO PASSING
	LINE MARKING TO BE REMOVED
	RED BLOCK SURFACING (COLOUR: R13 SIGNAL RED)
	WHITE CYCLE SYMBOL
	EXISTING SIGN
	PROPOSED SIGN
	SIGN TO BE REMOVED
	SIGN TO BE RELOCATED
	YELLOW WARNING AND DIRECTIONAL TACTILE GROUND SURFACE INDICATORS
	TRAFFIC SIGNAL POLES

LEGEND - EXISTING FEATURES

	LEGAL BOUNDARY LINE
	KERB AND CHANNEL
	RAILWAY TRACKS
	EDGE OF SEAL
	FENCE / W-BEAM BARRIER
	TOP OF BANK
	BOTTOM OF BANK
	BUILDINGS
	SIGNS

NOTES:

1. ALL ROAD MARKING AND SIGNAGE TO COMPLY WITH THE WAKA KOTAHĀI TRAFFIC CONTROL DEVICES MANUAL AND WAKA KOTAHĀI NZ TRANSPORT AGENCY'S MANUAL OF TRAFFIC SIGNS AND MARKINGS (MOTSAM), UNLESS SPECIFIED OTHERWISE.
2. PROPOSED LOCATIONS FOR SIGNALS, SIGNS AND ROAD MARKINGS ARE TO BE VERIFIED ON SITE BY THE ENGINEER AND APPROVED BY THE ROAD CONTROLLING AUTHORITY (RCA) PRIOR TO CONSTRUCTION.
3. ALL SIGNAGE TO COMPLY WITH RSMA COMPLIANCE STANDARD FOR TRAFFIC SIGNS.
4. ALL REDUNDANT LINE MARKING TO BE REMOVED BY PERMANENT OVERLAY OR A SELECTED SURFACE REMOVAL METHOD FOLLOWED BY VOID CONCEALMENT, IN ACCORDANCE WITH THE NZRF LINE REMOVAL GUIDE SECTION 7. BLACK OUT NOT ACCEPTABLE.
5. ALL SIGNS TO BE PLACED MINIMUM 400mm BEHIND KERB OR EDGE OF SEAL AS AGREED WITH THE ENGINEER.
6. ALL RELOCATED AND NEW SIGNAGE AND THEIR SUPPORTS SHALL COMPLY WITH WAKA KOTAHĀI P24 SPECIFICATION FOR PERMANENT TRAFFIC SIGNS.
7. REFER TO DRG 12560966-G005 ROAD MARKING LEGEND FOR TYPICAL LINE MARKING AND LAYOUT OF RRPMS.

Rev	Description	Checked	Approved	Date
1	ISSUED FOR CONSTRUCTION	SN*	DAM*	21.06.23
0	ISSUED FOR TENDER	SN*	DAM*	14.03.23
Author	N. MAOHE	Drafting Check	G. DOUGHERTY*	
Designer	G. RYAN	Design Check	A. FERGUS*	



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Project No.
12560966

Client WAKA KOTAHĀI NZ TRANSPORT AGENCY
Project TINWALD CORRIDOR IMPROVEMENTS

Status CONSTRUCTION

Drawing Title
LINE MARKING AND
SIGNAGE PLANS
SHEET 10

Status Code S4

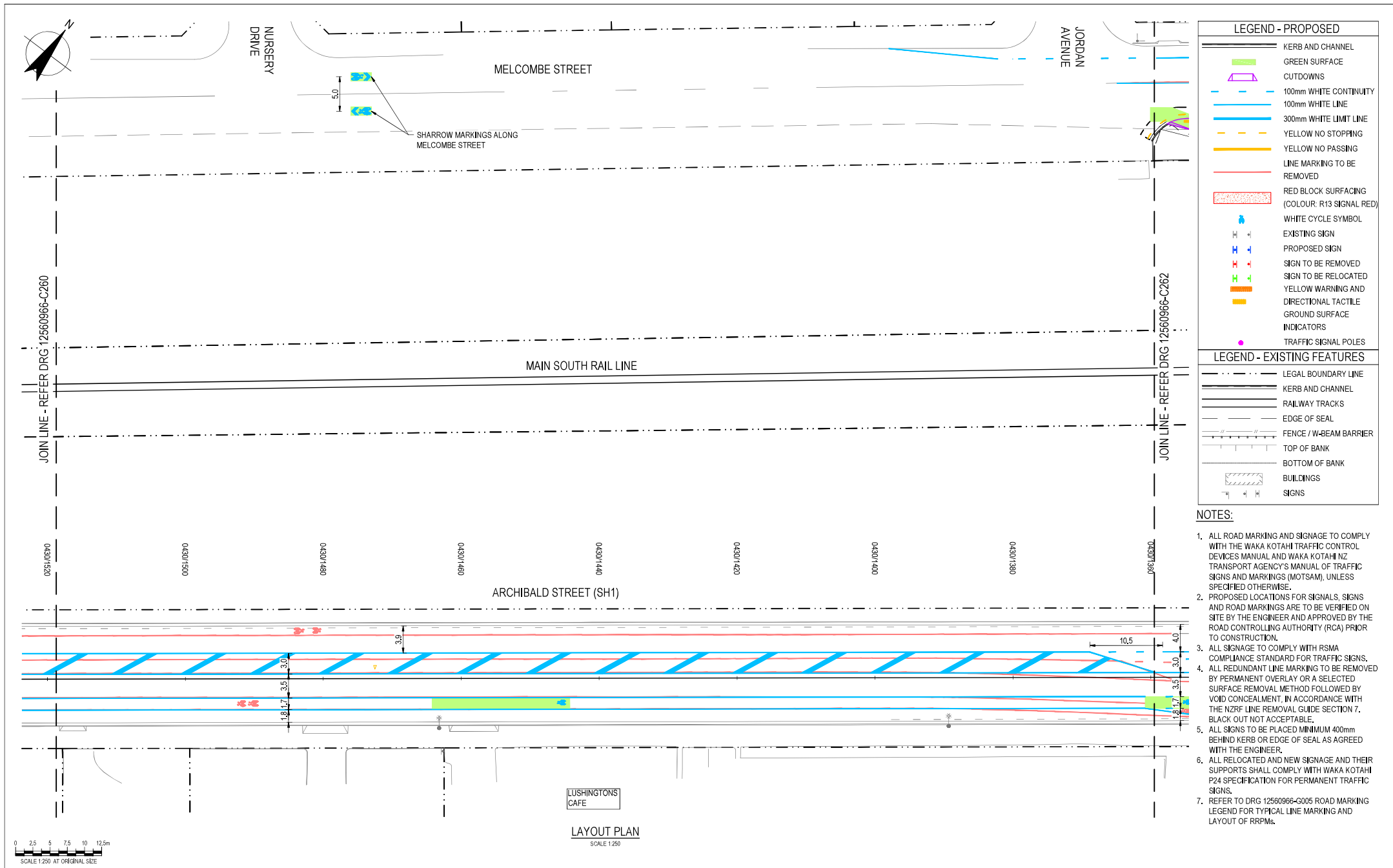
Drawing No.
12560966-C260

Size
A1

Rev
1

Plot Date: 21 June 2023 - 10:55 am Plotted by: Nick Mackie

File Name: c:\12560966\00-12560966-00-12560966-Tinwald Corr Pre-Implementation_1752\CADD\Drawings\12560966-C261.dwg



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Rev	Description	Checked	Approved	Date
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Designer	G. RYAN	Design Check	A. FERGUS*	



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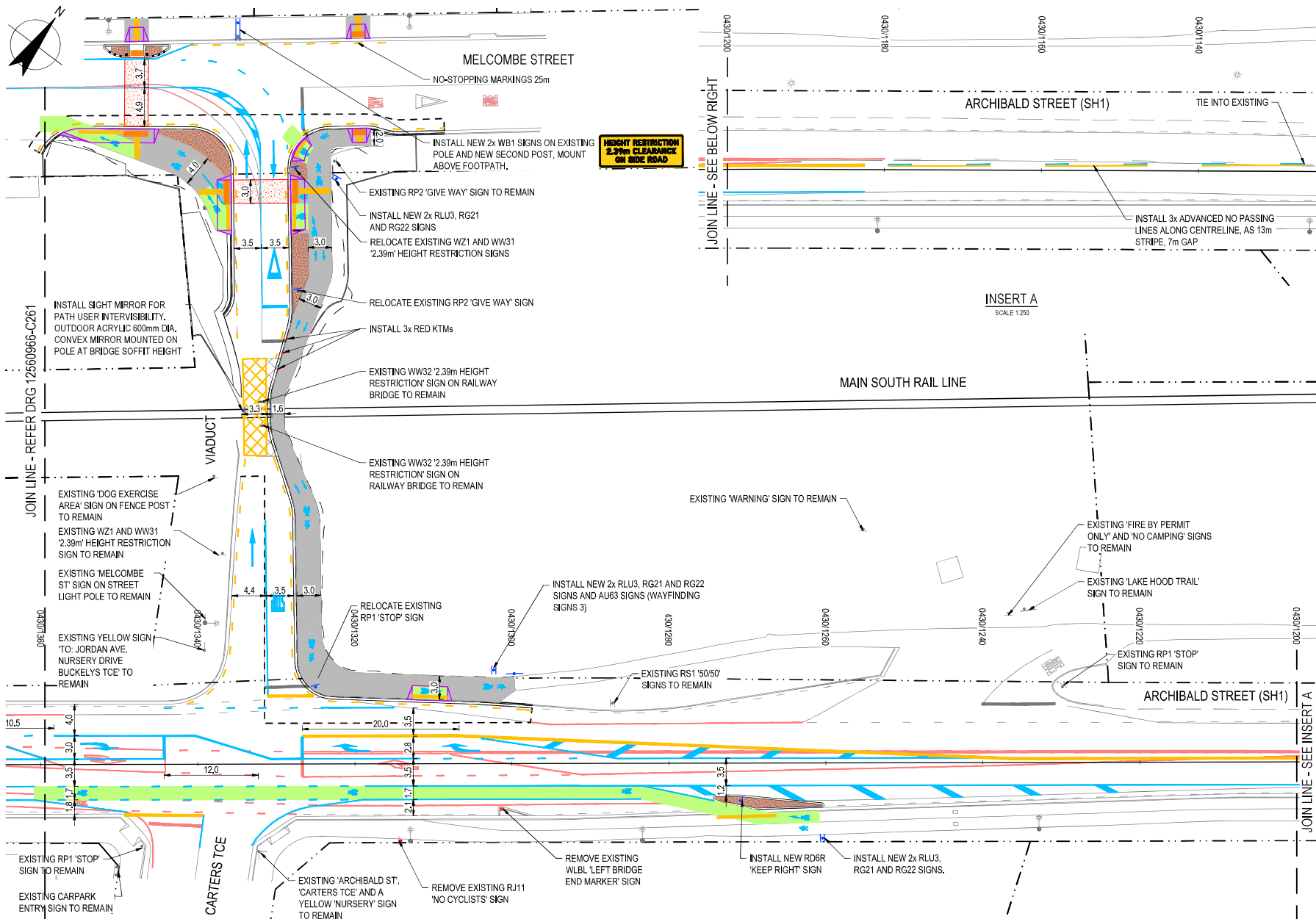
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Client	WAKA KOTAHĪ NZ TRANSPORT AGENCY
Project	TINWALD CORRIDOR IMPROVEMENTS
Status	CONSTRUCTION

Drawing Title	LINE MARKING AND SIGNAGE PLANS SHEET 11
Drawing No.	12560966-C261
Rev	1



LEGEND - PROPOSED	
	KERB AND CHANNEL
	GREEN SURFACE
	CUTDOWN
	100mm WHITE CONTINUITY
	100mm WHITE LINE
	300mm WHITE LIMIT LINE
	YELLOW NO STOPPING
	YELLOW NO PASSING
	LINE MARKING TO BE REMOVED
	RED BLOCK SURFACING (COLOUR: R13 SIGNAL RED)
	WHITE CYCLE SYMBOL
	EXISTING SIGN
	PROPOSED SIGN
	SIGN TO BE REMOVED
	SIGN TO BE RELOCATED
	YELLOW WARNING AND DIRECTIONAL TACTILE GROUND SURFACE INDICATORS
	TRAFFIC SIGNAL POLES

LEGEND - EXISTING FEATURES	
	LEGAL BOUNDARY LINE
	KERB AND CHANNEL
	RAILWAY TRACKS
	EDGE OF SEAL
	FENCE / W-BEAM BARRIER
	TOP OF BANK
	BOTTOM OF BANK
	BUILDINGS
	SIGNS

NOTES:

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- REFER TO DRG 12560966-G005 ROAD MARKING LEGEND FOR TYPICAL LINE MARKING AND LAYOUT OF RRPMS.

0 2.5 5 7.5 10 12.5m
SCALE 1:250 AT ORIGINAL SIZE

LAYOUT PLAN
SCALE 1:250

1	ISSUED FOR CONSTRUCTION	SN*	DMP*	21.06.23
0	ISSUED FOR TENDER	SN*	DMP*	14.03.23
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Author	N. MAOHE	Drafting Check	G. DOUGHERTY*	
Designer	G. RYAN	Design Check	A. FERGUS*	



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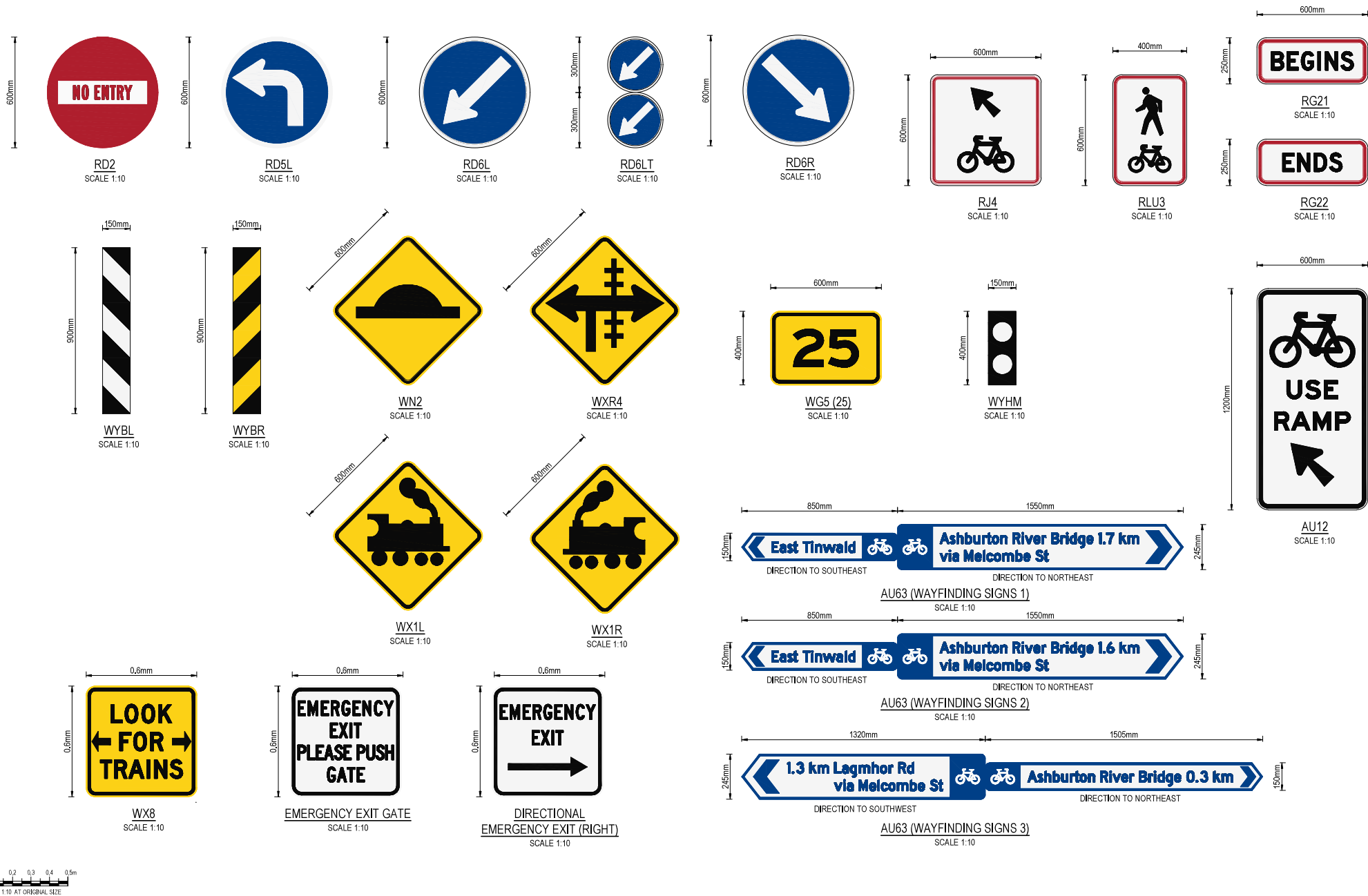


Client	WAKA KOTAHĪ NZ TRANSPORT AGENCY
Project	TINWALD CORRIDOR IMPROVEMENTS
Status	CONSTRUCTION

Drawing Title
LINE MARKING AND SIGNAGE PLANS
SHEET 12

Drawing No.
12560966-C262

Size
A1
Rev
1



0 0.1 0.2 0.3 0.4 0.5m
SCALE 1:10 AT ORIGINAL SIZE

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Author	N. MACHIE	Drafting Check	G. DOUGHERTY*	
Designer	N. MACHIE	Design Check	A. FERGUS*	



Client	WAKA KOTAHI NZ TRANSPORT AGENCY
Project	TINWALD CORRIDOR IMPROVEMENTS
Status	CONSTRUCTION

Drawing Title	SIGNAGE DETAILS SHEET 1
Status Code	S4

Drawing No. 12560966-C271
Rev 1

Size A1



ON GRAHAM STREET WESTBOUND, PRIOR TO MCMURDO STREET INTERSECTION

GJ1R
SCALE 1:10



ON MCMURDO STREET NORTHBOUND, PRIOR TO AGNES STREET INTERSECTION

GJ1L
SCALE 1:10



ON MELCOMBE STREET NORTHBOUND, PRIOR TO COMPTONS CROSSING

WB1
SCALE 1:10



ON MELCOMBE STREET NORTHBOUND, PRIOR TO VIADUCT INTERSECTION

WB1
SCALE 1:10



SCALE 1:10 AT ORIGINAL SIZE

Rev	Description	Checked	Approved	Date
1	ISSUED FOR CONSTRUCTION	SN*	DAM*	21.06.23
0	ISSUED FOR TENDER	SN*	DAM*	14.03.23
Author	N. MACQUE	Drafting Check	G. DOUGHERTY*	
Designer	G. RYAN	Design Check	A. FERGUS*	



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Project No.
12560966

Client	WAKA KOTAHI NZ TRANSPORT AGENCY
Project	TINWALD CORRIDOR IMPROVEMENTS
Status	CONSTRUCTION

Drawing Title
SIGNAGE DETAILS
SHEET 2

Status Code
S4

Drawing No.
12560966-C272

Size
A1

Rev
1