



- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO DISTRICT COUNCIL/IAIWAI STANDARD DETAILS AND THE WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION.
 2. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY APPROVALS FROM UTILITY OPERATORS BEFORE COMMENCING WORK UNDER OR NEAR THEIR SERVICES.
 3. FINAL PAVEMENT DESIGN SUBJECT TO CBR/BEAM TESTS ON SUBGRADE MATERIAL.
 4. PRAM CROSSINGS ARE TO BE FLUSH WITH THE CHANNEL WITH NO LIP.
 5. ALL KERB AND CHANNEL TO HAVE SAW-CUTS AT MAX. 4m crs.
 6. ALL SIGNAGE AND PAVEMENT MARKINGS TO BE IN ACCORDANCE WITH NZTA MOTSAM STANDARDS AND THE RITS.
 7. ALL STREET NAME SIGNS SHALL FOLLOW RITS GUIDELINES IN TERMS OF LAYOUT, CLEARANCES, AND CONSTRUCTION DETAILS.
 8. THE MINIMUM VERTICAL AND LATERAL CLEARANCES FOR SIGNAGE SHALL BE IN ACCORDANCE WITH TCD MANUAL STANDARDS.
 9. STREET LIGHTING SHALL BE DESIGNED IN ACCORDANCE WITH ALL APPLICABLE NEW ZEALAND STANDARDS INCLUDING BUT NOT LIMITED TO THE CURRENT VERSION OF ASINZS 1158 LIGHTING FOR ROADS AND PUBLIC SPACES SERIES OF STANDARDS.
 10. ALL NEW, MODIFIED OR UPGRADED PRAM CROSSINGS MUST BE IN ACCORDANCE WITH RTS 14 GUIDELINES FOR FACILITIES FOR BLIND AND VISION-IMPAIRED PEDESTRIANS, AND NZS/AS 1428.4 AND MUST COMPLY WITH THE DETAILS PROVIDED IN RITS.
 11. VEHICLE CROSSINGS SHOWN ARE INDICATIVE ONLY AND ARE NOT TO BE CONSTRUCTED AS PART OF THIS CONSENT. LOCATIONS ARE SUBJECT TO CHANGE.

- LEGEND
- EX BDY
 - PR BDY
 - PR FOOTPATH
 - PR CARRIAGEWAY
 - PR 3 - 3.5m
 - MAINTENANCE TRACK
 - PR 3 - 3.5m PUBLIC RECREATIONAL TRACK
 - PR BERM/LANDSCAPE
 - PR 12.5m WIDE CONVEYANCE CHANNEL
 - PR STREAM
 - RG PR RAINGARDEN
 - WL PR WETLAND
 - PR ROAD MARKINGS
 - PR STREET LIGHTING
 - PR VEHICLE CROSSING - INDICATIVE ONLY
 - PR STREET PARKING
 - PR TREES
 - PR BUS STOP - INDICATIVE ONLY
 - PR ROADING OLFP DIRECTION
 - PR ROADING SAGLOW PT
 - PR ROADING CREST/HIGH PT
 - PR ONION ROAD URBANISATION EXTENT

A RESOURCE CONSENT				SP	08/2026
Ref	Revisions	By	Date	By	Date
Survey	MAVEN	10/2025			
Design	SP	08/2026			
Drawn	SP	08/2026			
Checked	RW	08/2026			



Maven Associates
03 571 0502
maven@ma.co.nz
www.maven.co.nz
5 Owens Road, Epsom
Auckland 1050

Project
PROPOSED INDUSTRIAL DEVELOPMENT AT TE KOWHAI EAST FOR TE KOWHAI EAST LIMITED PARTNERSHIP

Title
PROPOSED ROADING PLAN

Project no. 180010
Scale 1:750 @ A1
Cad file 180010-C300-0185
Drawing no. C300-8 Rev A

RESOURCE CONSENT



- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO DISTRICT COUNCIL/IAIWA STANDARD DETAILS AND THE WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION.
 2. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY APPROVALS FROM UTILITY OPERATORS BEFORE COMMENCING WORK UNDER OR NEAR THEIR SERVICES.
 3. FINAL PAVEMENT DESIGN SUBJECT TO CBR/BEAM TESTS ON SUBGRADE MATERIAL.
 4. PRAM CROSSINGS ARE TO BE FLUSH WITH THE CHANNEL WITH NO LIP.
 5. ALL KERB AND CHANNEL TO HAVE SAW-CUTS AT MAX. 4m crs.
 6. ALL SIGNAGE AND PAVEMENT MARKINGS TO BE IN ACCORDANCE WITH NZTA MOTSAM STANDARDS AND THE RITS.
 7. ALL STREET NAME SIGNS SHALL FOLLOW RITS GUIDELINES IN TERMS OF LAYOUT, CLEARANCES, AND CONSTRUCTION DETAILS.
 8. THE MINIMUM VERTICAL AND LATERAL CLEARANCES FOR SIGNAGE SHALL BE IN ACCORDANCE WITH TCD MANUAL STANDARDS.
 9. STREET LIGHTING SHALL BE DESIGNED IN ACCORDANCE WITH ALL APPLICABLE NEW ZEALAND STANDARDS INCLUDING BUT NOT LIMITED TO THE CURRENT VERSION OF AS/NZS 1158 LIGHTING FOR ROADS AND PUBLIC SPACES SERIES OF STANDARDS.
 10. ALL NEW, MODIFIED OR UPGRADED PRAM CROSSINGS MUST BE IN ACCORDANCE WITH RTS 14. GUIDELINES FOR FACILITIES FOR BLIND AND VISION-IMPAIRED PEDESTRIANS AND NZS/AS 1428.4 AND MUST COMPLY WITH THE DETAILS PROVIDED IN RTS.
 11. VEHICLE CROSSINGS SHOWN ARE INDICATIVE ONLY AND ARE NOT TO BE CONSTRUCTED AS PART OF THIS CONSENT. LOCATIONS ARE SUBJECT TO CHANGE.

- LEGEND
- EX BDY
 - PR BDY
 - PR FOOTPATH
 - PR CARRIAGEWAY
 - PR 3 - 3.5m
 - MAINTENANCE TRACK
 - PR 3 - 3.5m PUBLIC RECREATIONAL TRACK
 - PR BERM/LANDSCAPE
 - PR 12.5m WIDE CONVEYANCE CHANNEL
 - PR STREAM
 - RG
 - PR RAINGARDEN
 - WL
 - PR WETLAND
 - PR ROAD MARKINGS
 - PR STREET LIGHTING
 - PR VEHICLE CROSSING - INDICATIVE ONLY
 - PR STREET PARKING
 - PR TREES
 - PR BUS STOP - INDICATIVE ONLY
 - PR ROADING OLFP DIRECTION
 - PR ROADING SAGLOW PT
 - PR ROADING CREST/HIGH PT
 - PR ONION ROAD URBANISATION EXTENT

Ref	Revisions	By	Date
A	RESOURCE CONSENT	SP	08/2026

17

Maven Associates
03 571 0502
Highway 101/2
www.maven.co.nz
5 Omeke Road, Epsom
Auckland 1021

Project
PROPOSED INDUSTRIAL DEVELOPMENT AT TE KOWHAI EAST FOR TE KOWHAI EAST LIMITED PARTNERSHIP

Title
PROPOSED ROADING PLAN

Project no. 180010
Scale 1:750 @ A1
Cad file 180010-C300-0915
Drawing no. C300-9 Rev A

RESOURCE CONSENT



- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO DISTRICT COUNCIL/IAIWA STANDARD DETAILS AND THE WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION.
 2. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY APPROVALS FROM UTILITY OPERATORS BEFORE COMMENCING WORK UNDER OR NEAR THEIR SERVICES.
 3. FINAL PAVEMENT DESIGN SUBJECT TO CBR/BEAM TESTS ON SUBGRADE MATERIAL.
 4. PRAM CROSSINGS ARE TO BE FLUSH WITH THE CHANNEL WITH NO LIP.
 5. ALL KERB AND CHANNEL TO HAVE SAW-CUTS AT MAX. 4m crs.
 6. ALL SIGNAGE AND PAVEMENT MARKINGS TO BE IN ACCORDANCE WITH NZTA MOTSAM STANDARDS AND THE RITS.
 7. ALL STREET NAME SIGNS SHALL FOLLOW RITS GUIDELINES IN TERMS OF LAYOUT, CLEARANCES, AND CONSTRUCTION DETAILS.
 8. THE MINIMUM VERTICAL AND LATERAL CLEARANCES FOR SIGNAGE SHALL BE IN ACCORDANCE WITH TCD MANUAL STANDARDS.
 9. STREET LIGHTING SHALL BE DESIGNED IN ACCORDANCE WITH ALL APPLICABLE NEW ZEALAND STANDARDS INCLUDING BUT NOT LIMITED TO THE CURRENT VERSION OF AS/NZS 1158 LIGHTING FOR ROADS AND PUBLIC SPACES SERIES OF STANDARDS.
 10. ALL NEW, MODIFIED OR UPGRADED PRAM CROSSINGS MUST BE IN ACCORDANCE WITH RTS 14 GUIDELINES FOR FACILITIES FOR BLIND AND VISION-IMPAIRED PEDESTRIANS, AND NZS/AS 1428.4 AND MUST COMPLY WITH THE DETAILS PROVIDED IN RITS.
 11. VEHICLE CROSSINGS SHOWN ARE INDICATIVE ONLY AND ARE NOT TO BE CONSTRUCTED AS PART OF THIS CONSENT. LOCATIONS ARE SUBJECT TO CHANGE.

- LEGEND
- EX BDY
 - PR BDY
 - PR FOOTPATH
 - PR CARRIAGEWAY
 - PR 3 - 3.5m
 - MAINTENANCE TRACK
 - PR 3 - 3.5m PUBLIC RECREATIONAL TRACK
 - PR BERM/LANDSCAPE
 - PR 12.5m WIDE CONVEYANCE CHANNEL
 - PR STREAM
 - RG PR RAINGARDEN
 - WL PR WETLAND
 - PR ROAD MARKINGS
 - PR STREET LIGHTING
 - PR VEHICLE CROSSING - INDICATIVE ONLY
 - PR STREET PARKING
 - PR TREES
 - PR BUS STOP - INDICATIVE ONLY
 - PR ROADING OLFP DIRECTION
 - PR ROADING SAGLOW PT
 - PR ROADING CREST/HIGH PT
 - PR ONION ROAD URBANISATION EXTENT

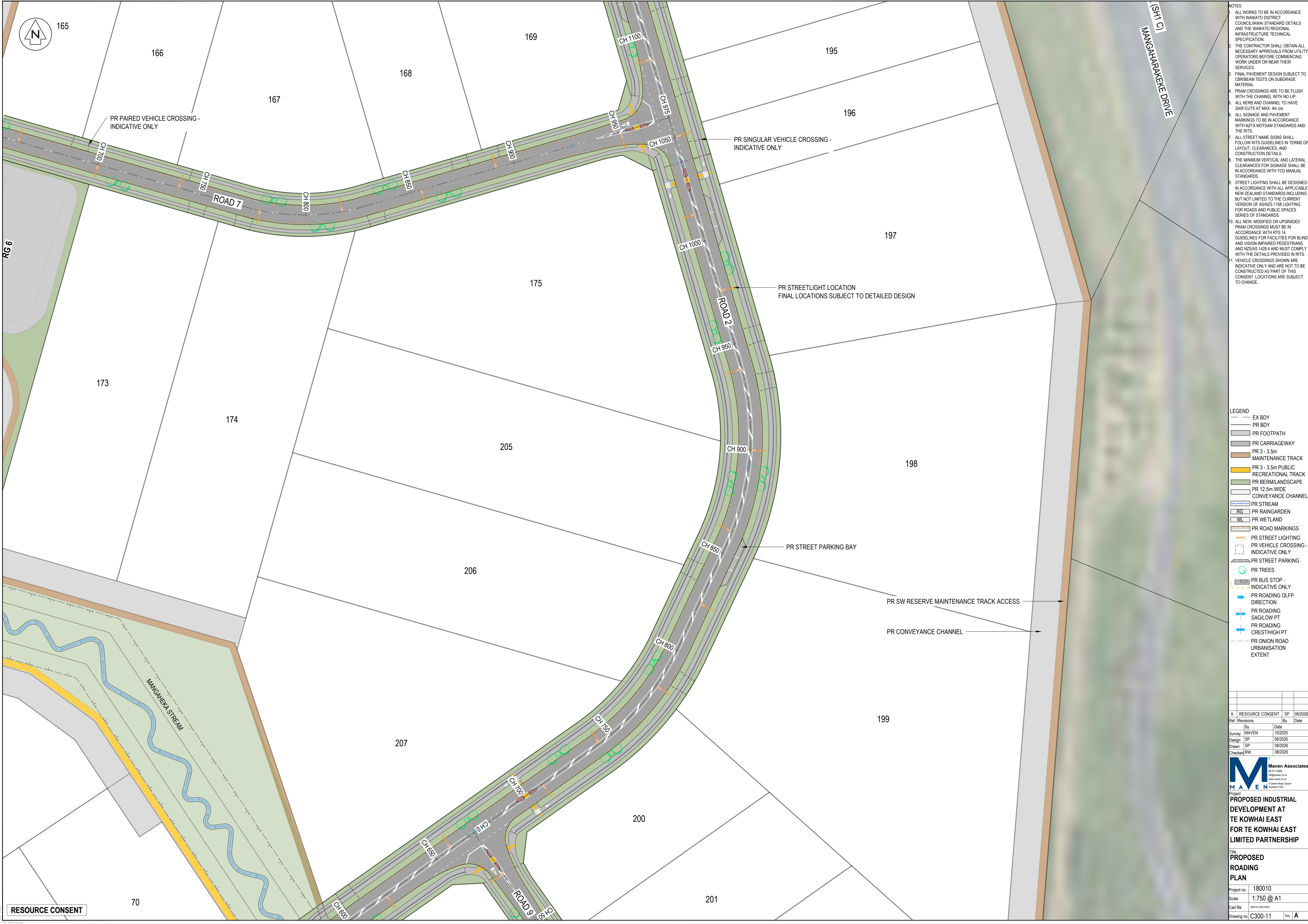
A RESOURCE CONSENT SP 08/2026			
Ref	Revisions	By	Date
	By	Date	
Survey	MAVEN	10/2025	
Design	SP	08/2026	
Drawn	SP	08/2026	
Checked	RW	08/2026	

Maven Associates
03 571 0505
maven@ma.co.nz
www.maven.co.nz
5 Omana Road, Epsom
Auckland 1020

Project
PROPOSED INDUSTRIAL DEVELOPMENT AT TE KOWHAI EAST FOR TE KOWHAI EAST LIMITED PARTNERSHIP

Title
PROPOSED ROADING PLAN

Project no.	180010
Scale	1:750 @ A1
Cad file	180010-C300-0915
Drawing no.	C300-10
Rev	A



- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO DISTRICT COUNCIL/IAIWAI STANDARD DETAILS AND THE WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION.
 2. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY APPROVALS FROM UTILITY OPERATORS BEFORE COMMENCING WORK UNDER OR NEAR THEIR SERVICES.
 3. FINAL PAVEMENT DESIGN SUBJECT TO CBR/BEAM TESTS ON SUBGRADE MATERIAL.
 4. PRAM CROSSINGS ARE TO BE FLUSH WITH THE CHANNEL WITH NO LIP.
 5. ALL KERB AND CHANNEL TO HAVE SAW-CUTS AT MAX. 4m crs.
 6. ALL SIGNAGE AND PAVEMENT MARKINGS TO BE IN ACCORDANCE WITH NZTA MOTSAM STANDARDS AND THE RITS.
 7. ALL STREET NAME SIGNS SHALL FOLLOW RITS GUIDELINES IN TERMS OF LAYOUT, CLEARANCES, AND CONSTRUCTION DETAILS.
 8. THE MINIMUM VERTICAL AND LATERAL CLEARANCES FOR SIGNAGE SHALL BE IN ACCORDANCE WITH TCD MANUAL STANDARDS.
 9. STREET LIGHTING SHALL BE DESIGNED IN ACCORDANCE WITH ALL APPLICABLE NEW ZEALAND STANDARDS INCLUDING BUT NOT LIMITED TO THE CURRENT VERSION OF AS/NZS 1158 LIGHTING FOR ROADS AND PUBLIC SPACES SERIES OF STANDARDS.
 10. ALL NEW, MODIFIED OR UPGRADED PRAM CROSSINGS MUST BE IN ACCORDANCE WITH RTS 14 GUIDELINES FOR FACILITIES FOR BLIND AND VISION-IMPAIRED PEDESTRIANS AND NZS/AS 1428.4 AND MUST COMPLY WITH THE DETAILS PROVIDED IN RITS.
 11. VEHICLE CROSSINGS SHOWN ARE INDICATIVE ONLY AND ARE NOT TO BE CONSTRUCTED AS PART OF THIS CONSENT. LOCATIONS ARE SUBJECT TO CHANGE.

- LEGEND
- EX BDY
 - PR BDY
 - PR FOOTPATH
 - PR CARRIAGEWAY
 - PR 3 - 3.5m
 - MAINTENANCE TRACK
 - PR 3 - 3.5m PUBLIC RECREATIONAL TRACK
 - PR BERM/LANDSCAPE
 - PR 12.5m WIDE CONVEYANCE CHANNEL
 - PR STREAM
 - RG PR RAINGARDEN
 - WL PR WETLAND
 - PR ROAD MARKINGS
 - PR STREET LIGHTING
 - PR VEHICLE CROSSING - INDICATIVE ONLY
 - PR STREET PARKING
 - PR TREES
 - PR BUS STOP - INDICATIVE ONLY
 - PR ROADING OLFP DIRECTION
 - PR ROADING SAGLOW PT
 - PR ROADING CREST/HIGH PT
 - PR ONION ROAD URBANISATION EXTENT

A	RESOURCE CONSENT	SP	08/2026
Ref	Revisions	By	Date
	By	Date	
Survey	MAVEN	10/2025	
Design	SP	08/2026	
Drawn	SP	08/2026	
Checked	RW	08/2026	

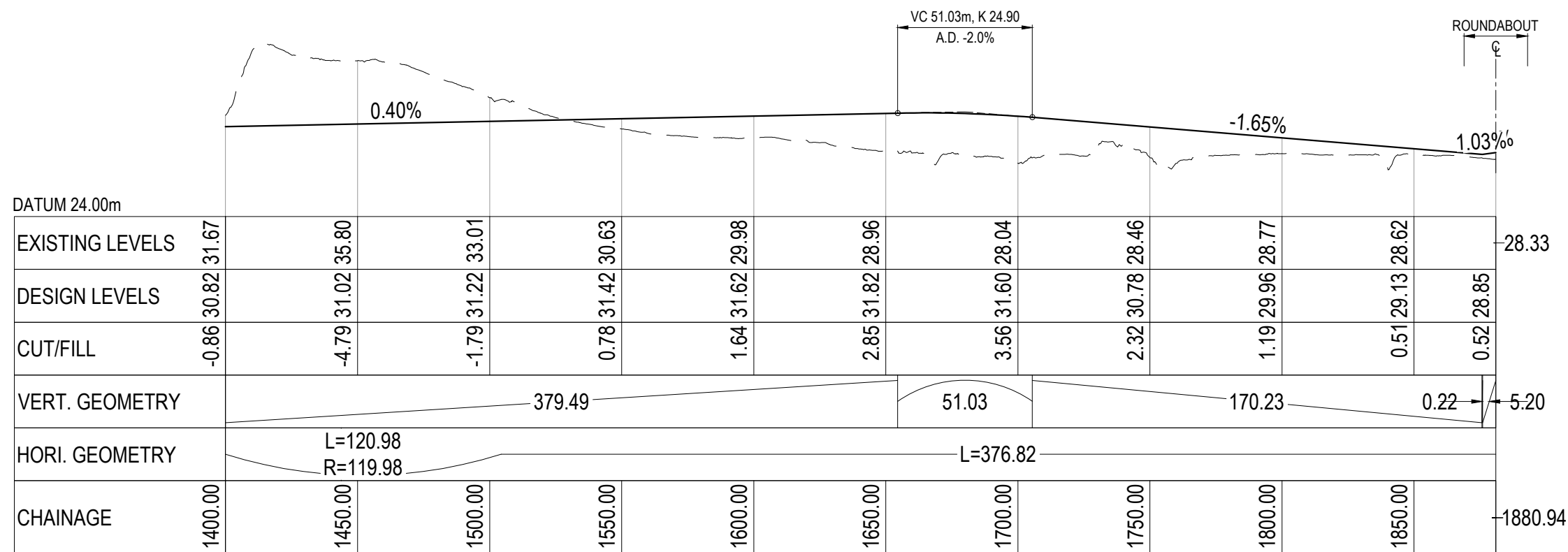
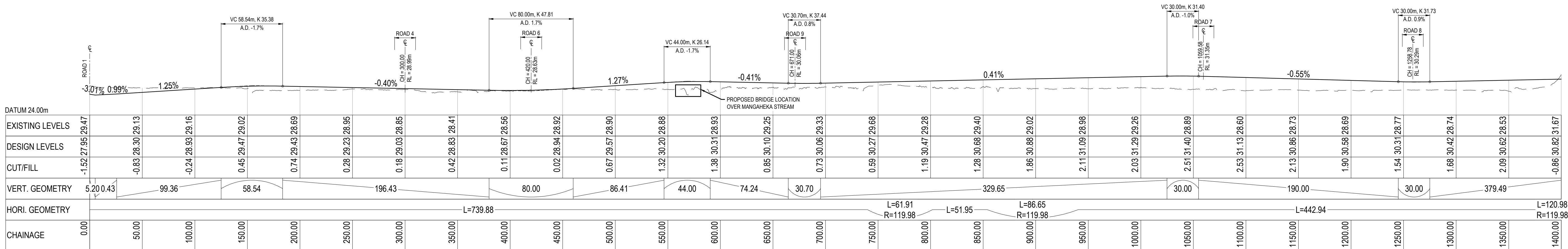
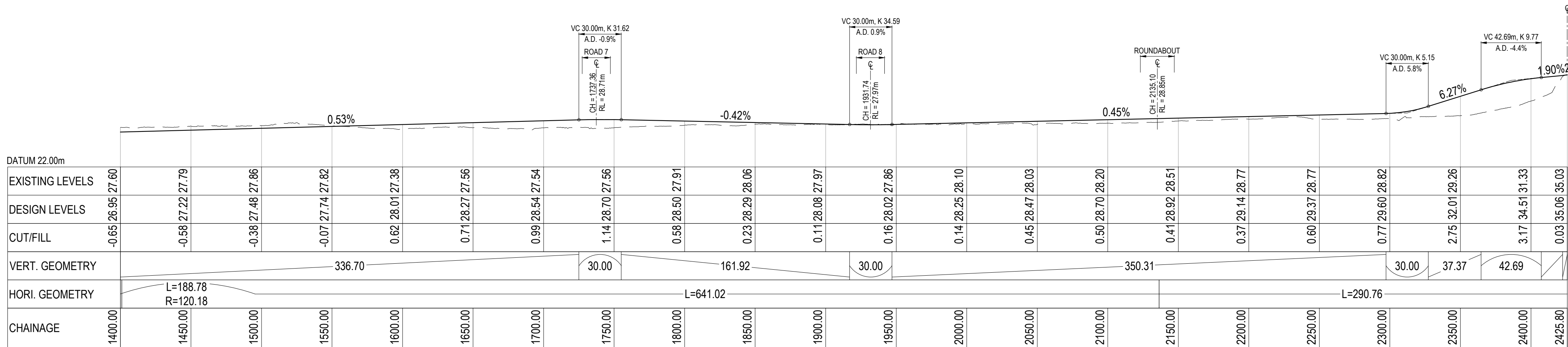
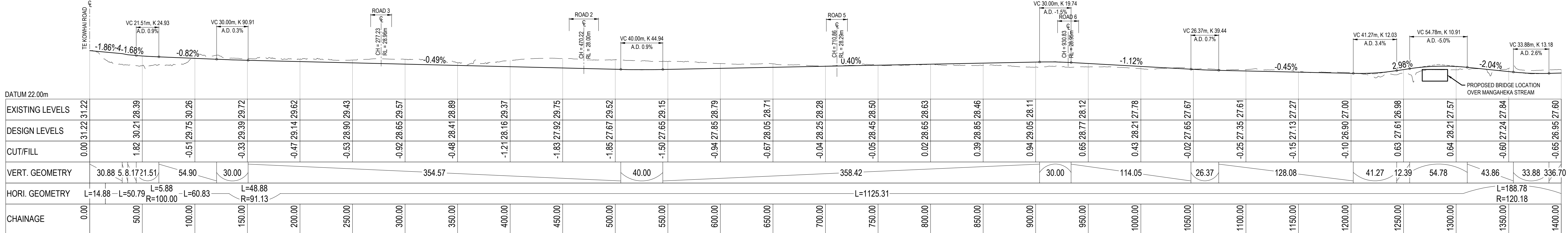


Project
PROPOSED INDUSTRIAL DEVELOPMENT AT TE KOWHAI EAST FOR TE KOWHAI EAST LIMITED PARTNERSHIP

Title
PROPOSED ROADING PLAN

Project no.	180010
Scale	1:750 @ A1
Cad file	180010-C300-0905
Drawing no.	C300-11
Rev	A

RESOURCE CONSENT



- NOTES
- ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO DISTRICT COUNCIL/IAWAI STANDARD DETAILS AND THE WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION.
 - THE CONTRACTOR SHALL OBTAIN ALL NECESSARY APPROVALS FROM UTILITY OPERATORS BEFORE COMMENCING WORK UNDER OR NEAR THEIR SERVICES.
 - FINAL PAVEMENT DESIGN SUBJECT TO CBR/BEAM TESTS ON SUBGRADE MATERIAL.

LEGEND

EX GROUND LEVEL

PR GROUND LEVEL

Ref	Revisions	By	Date
A	RESOURCE CONSENT	SP	08/2026

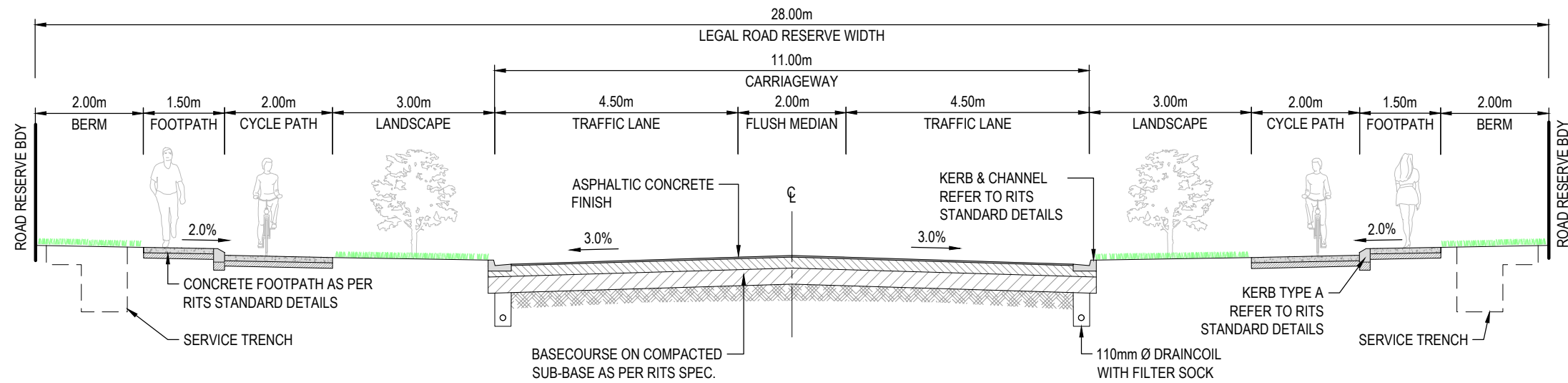
Survey	MAVEN	Date	10/2025
Design	SP	Date	08/2026
Drawn	SP	Date	08/2026
Checked	RW	Date	08/2026

Maven Associates
03 571 0500
maven@ma.co.nz
www.maven.co.nz
5 Omana Road, Epsom
Auckland 1050

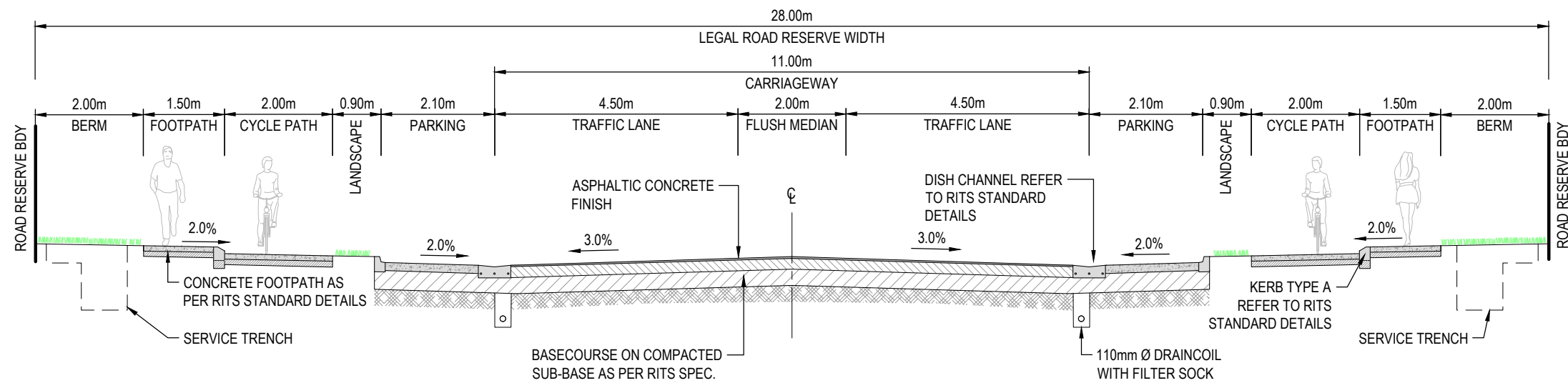
Project
PROPOSED INDUSTRIAL DEVELOPMENT AT TE KOWHAI EAST FOR TE KOWHAI EAST LIMITED PARTNERSHIP

Title
PROPOSED ROADING LONGSECTIONS

Project no. 180010
Scale AS SHOWN @ A1
Cad file 180010-C320-0165
Drawing no. C320-1 Rev A



A-A
C300
TYPICAL CROSS SECTION - ROAD 1 & 2 (WITHOUT PARKING)
INDUSTRIAL COLLECTOR ROAD
SCALE 1:100 @ A1



A-A
C300
TYPICAL CROSS SECTION - ROAD 1 & 2 (WITH PARKING)
INDUSTRIAL COLLECTOR ROAD
SCALE 1:100 @ A1

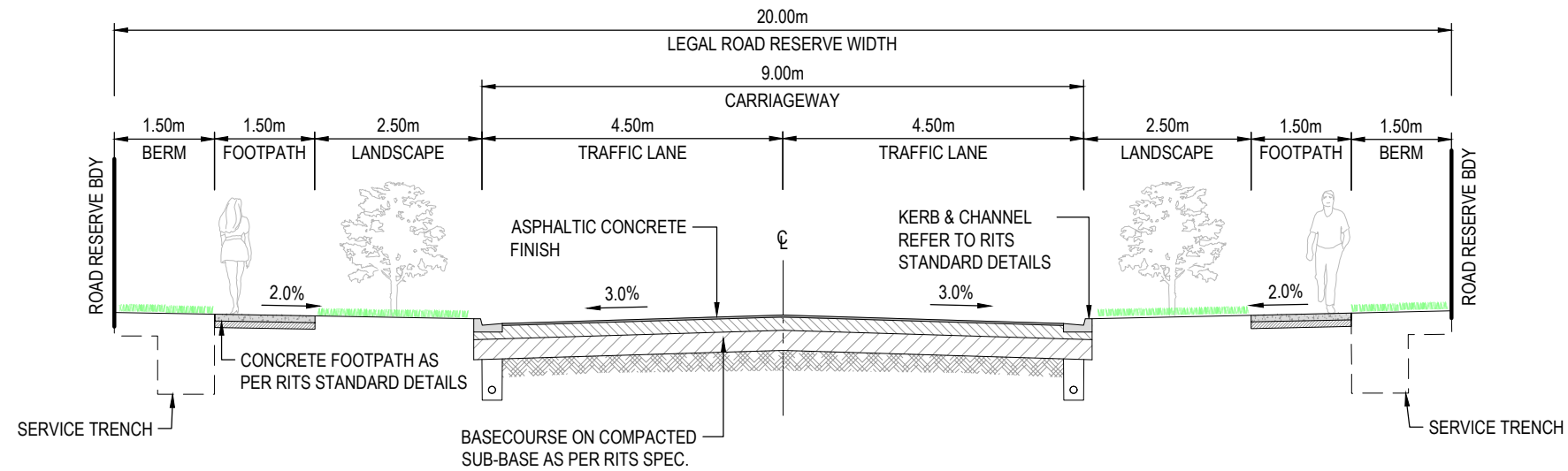
A	RESOURCE CONSENT	SP	08/2026
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	10/2025	
Design	SP	08/2026	
Drawn	SP	08/2026	
Checked	RW	08/2026	



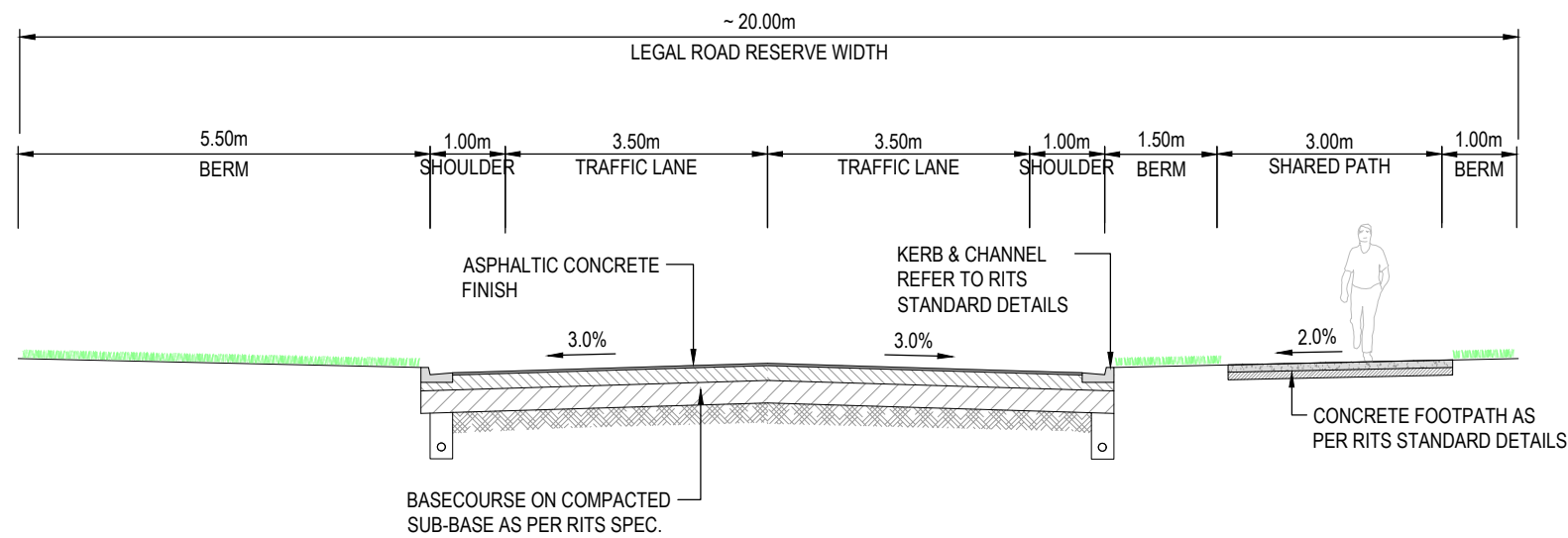
Project
PROPOSED INDUSTRIAL DEVELOPMENT AT TE KOWHAI EAST FOR TE KOWHAI EAST LIMITED PARTNERSHIP

Title
PROPOSED ROADING TYPICAL CROSS SECTIONS

Project no.	180010
Scale	1:100 @ A3
Cad file	180010-C340.DWG
Drawing no.	C340-1
Rev	A



B-B TYPICAL CROSS SECTION - ROAD 3 TO 9
C300 INDUSTRIAL LOCAL ROAD
SCALE 1:100 @ A1



C-C TYPICAL CROSS SECTION - ONION ROAD
C300 URBANISATION EXTENT
SCALE 1:100 @ A1

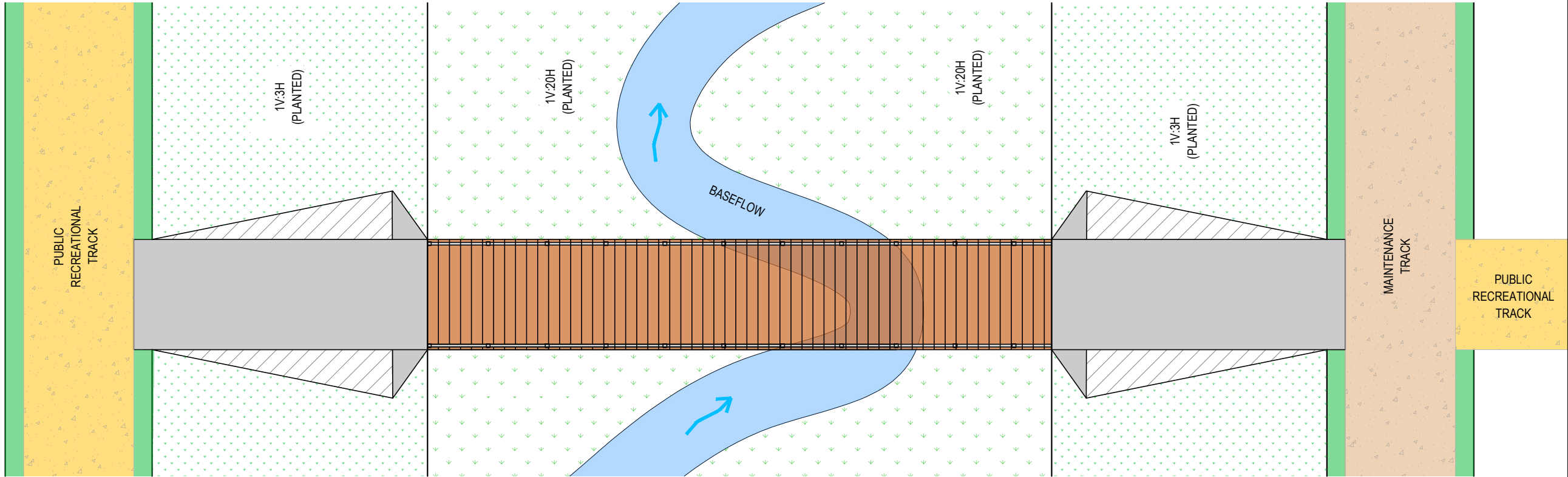
A	RESOURCE CONSENT	SP	08/2026
Rev	Description	By	Date
Survey	MAVEN		10/2025
Design	SP		08/2026
Drawn	SP		08/2026
Checked	RW		08/2026



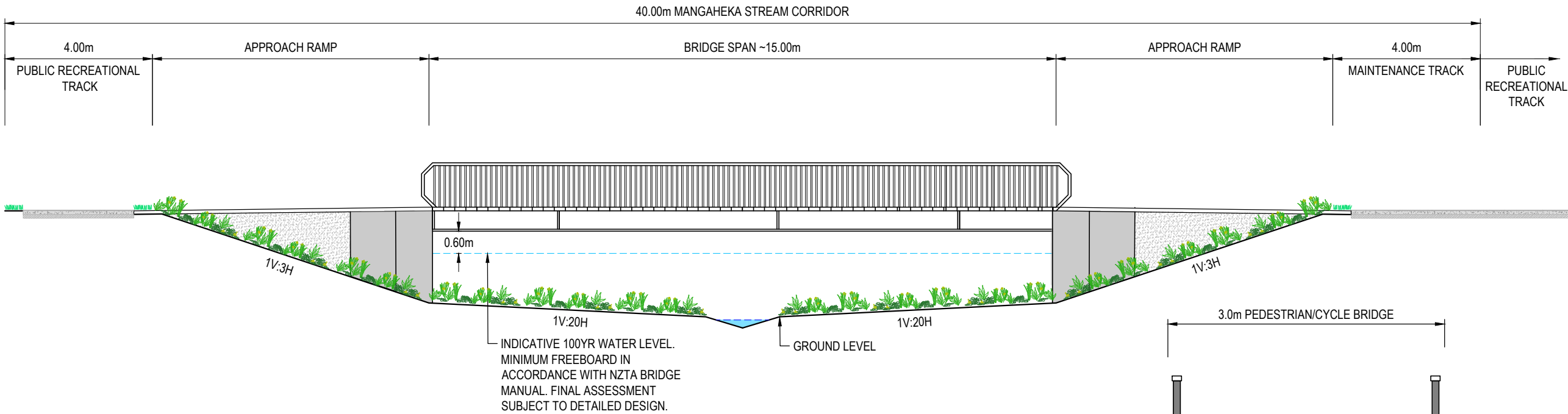
Project
PROPOSED INDUSTRIAL DEVELOPMENT AT TE KOWHAI EAST FOR TE KOWHAI EAST LIMITED PARTNERSHIP

Title
PROPOSED ROADING TYPICAL CROSS SECTIONS

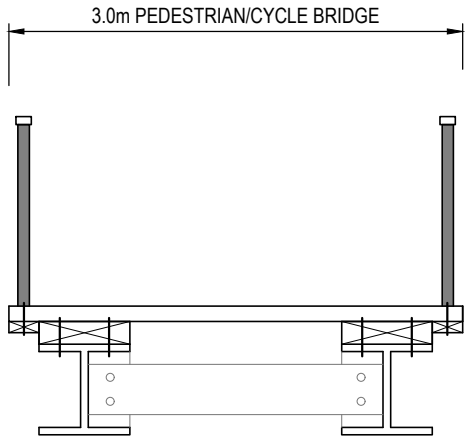
Project no.	180010
Scale	1:100 @ A3
Cad file	180010-C340.DWG
Drawing no.	C340-2
Rev	A



TYPICAL PEDESTRIAN/CYCLE BRIDGE PLAN VIEW
SCALE 1:125 @ A3

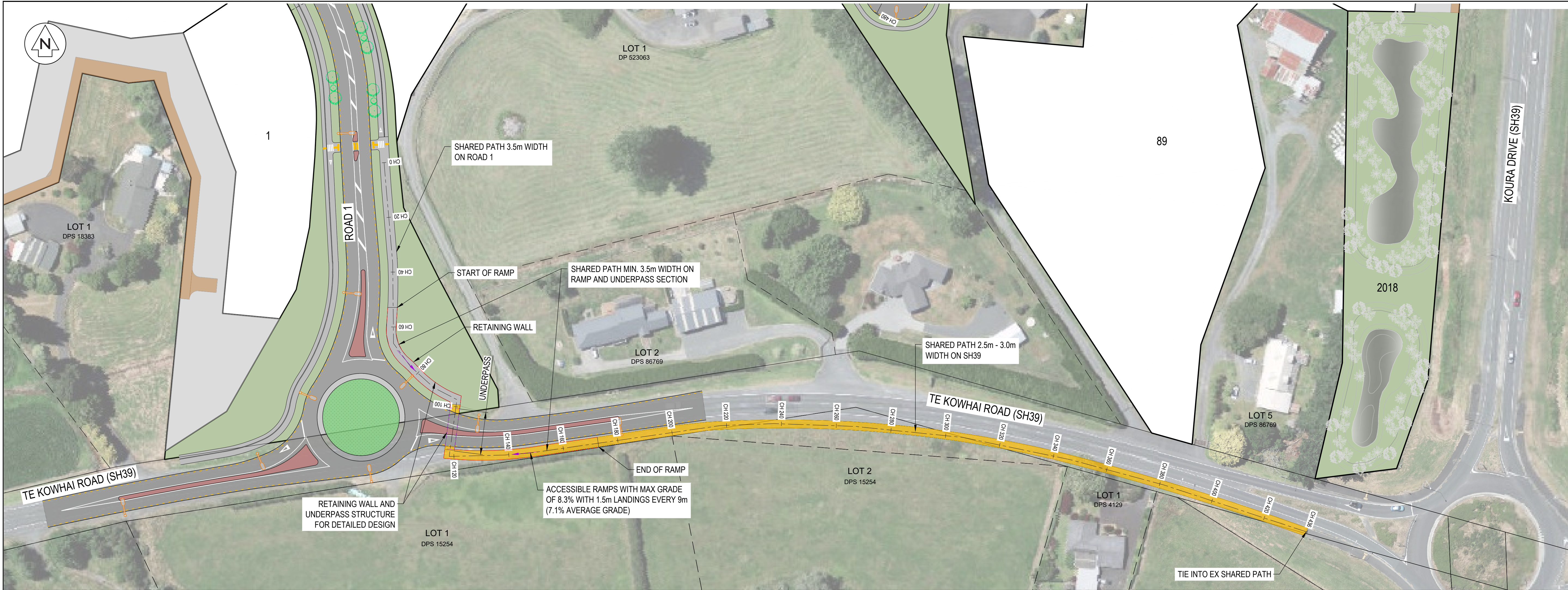


TYPICAL PEDESTRIAN/CYCLE BRIDGE ELEVATION
SCALE 1:125 @ A3

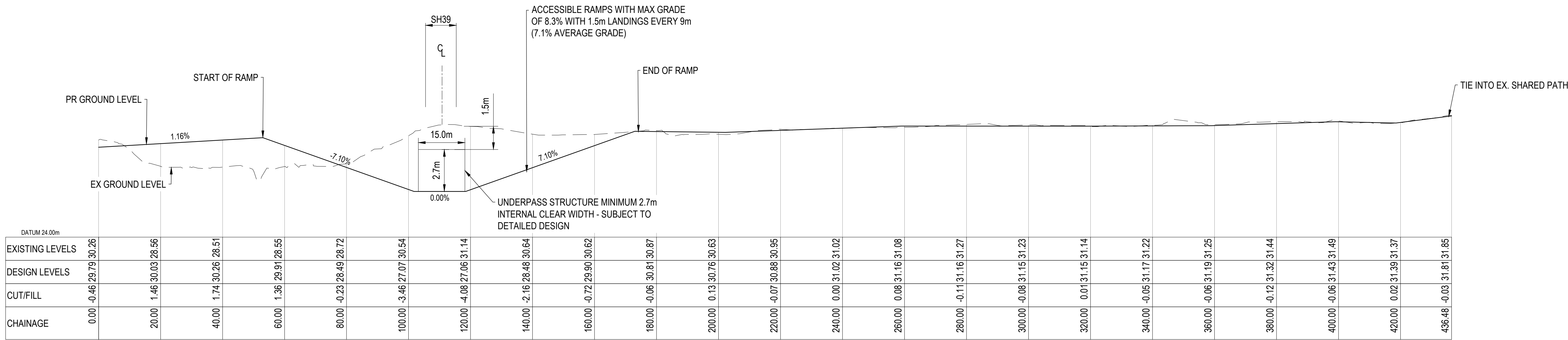


TYPICAL PEDESTRIAN/CYCLE BRIDGE SECTION
SCALE 1:50 @ A3

A	RESOURCE CONSENT	SP	08/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2025
Design	SP		08/2026
Drawn	SP		08/2026
Checked	RW		08/2026
M MAVEN Maven Associates 09 571 0050 info@maven.co.nz www.maven.co.nz 5 Owens Road, Epsom Auckland 1023			
Project			
PROPOSED INDUSTRIAL DEVELOPMENT AT TE KOWHAI EAST FOR TE KOWHAI EAST LIMITED PARTNERSHIP			
Title			
PROPOSED PEDESTRIAN/ CYCLE BRIDGE TYPICAL DETAILS			
Project no.	180010		
Scale	AS SHOWN @ A3		
Cad file	180010-C340.DWG		
Drawing no.	C345-1	Rev	A



SHARED PATH PLAN
SCALE 1:750 @ A1



SHARED PATH - UNDERPASS (OPTION 1) LONGSECTION
SCALE: HORI 1:750 VERT 1:150

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO DISTRICT COUNCIL/IAWAH STANDARD DETAILS AND THE WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION.
 2. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY APPROVALS FROM UTILITY OPERATORS BEFORE COMMENCING WORK UNDER OR NEAR THEIR SERVICES.
 3. FINAL PAVEMENT DESIGN SUBJECT TO CBR/BEAM TESTS ON SUBGRADE MATERIAL.

- LEGEND
- EX GROUND LEVEL
 - PR GROUND LEVEL
 - PR FOOTPATH
 - PR CARRIAGEWAY
 - PR 3 - 3.5m MAINTENANCE TRACK
 - PR 3 - 3.5m PUBLIC RECREATIONAL TRACK
 - PR BERM/LANDSCAPE
 - PR 12.5m WIDE CONVEYANCE CHANNEL
 - PR STREAM

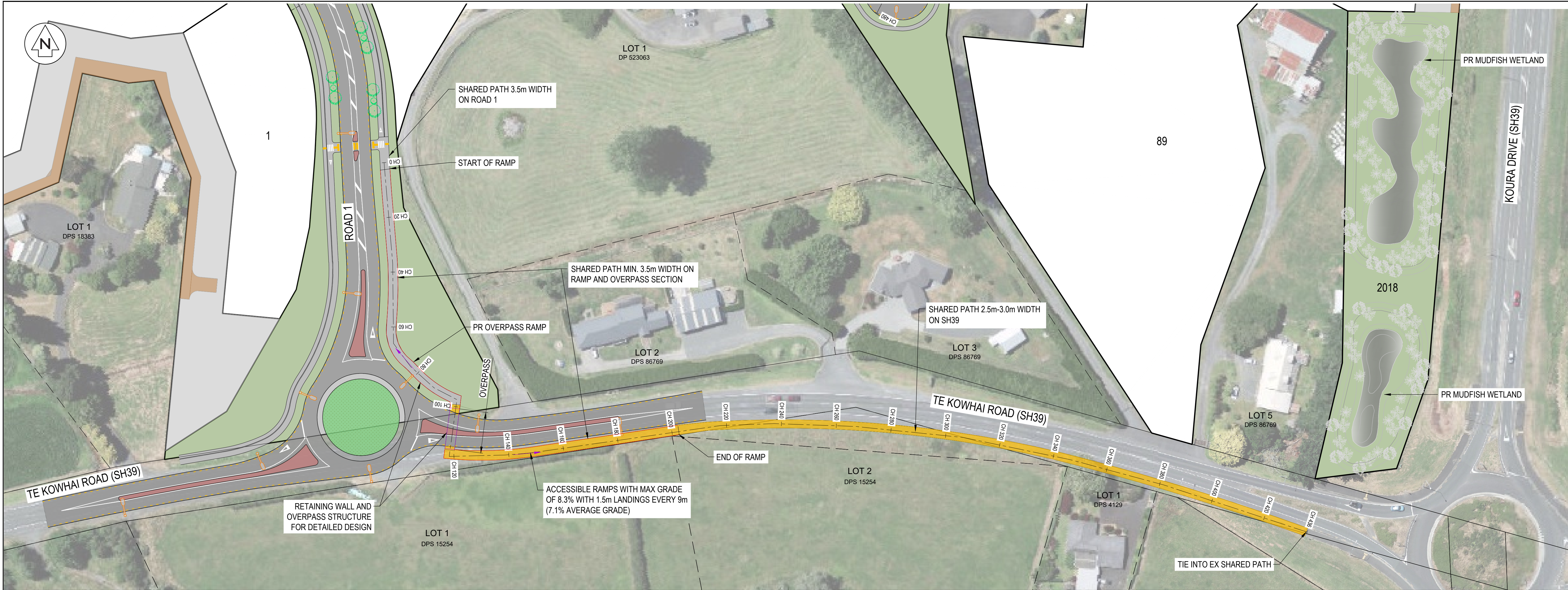
Ref	Revisions	By	Date
A	RESOURCE CONSENT	HN	08/2026



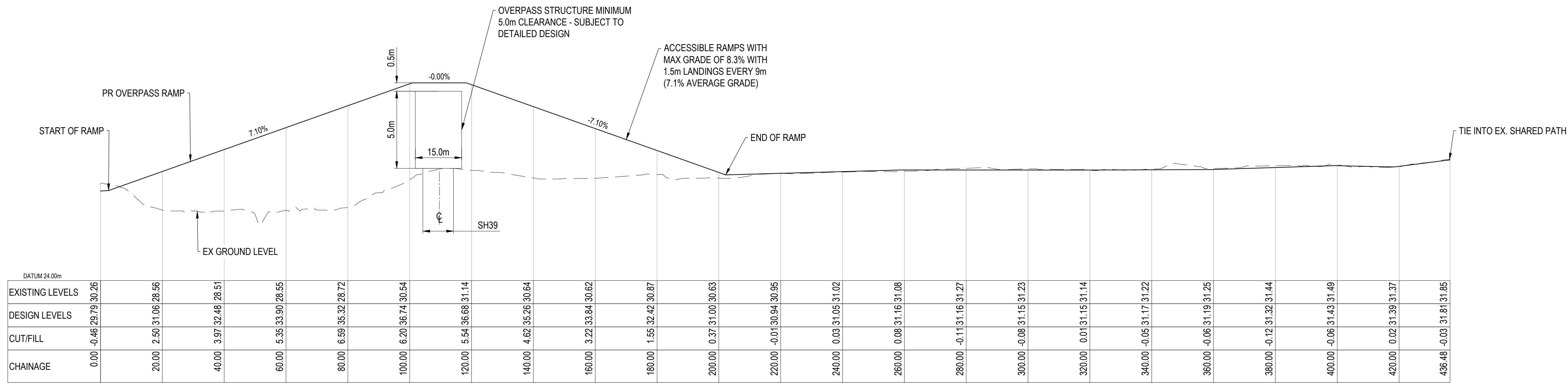
Project
PROPOSED INDUSTRIAL DEVELOPMENT AT TE KOWHAI EAST FOR TE KOWHAI EAST LIMITED PARTNERSHIP

Title
PROPOSED SH39 SHARED PATH OPTION 1 UNDERPASS

Project no. 180010
Scale AS SHOWN @ A1
Cad file 180010-C345-2.DWG
Drawing no. C345-2 Rev A



SHARED PATH PLAN
SCALE 1:750 @ A1



SHARED PATH - OVERPASS (OPTION 2) LONGSECTION
SCALE: HORI 1:750 VERT 1:150

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAKATO DISTRICT COUNCIL/IAWAI STANDARD DETAILS AND THE WAKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION.
 2. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY APPROVALS FROM UTILITY OPERATORS BEFORE COMMENCING WORK UNDER OR NEAR THEIR SERVICES.
 3. FINAL PAVEMENT DESIGN SUBJECT TO CBR/BEAM TESTS ON SUBGRADE MATERIAL.

- LEGEND
- EX GROUND LEVEL
 - PR GROUND LEVEL
 - PR FOOTPATH
 - PR CARRIAGEWAY
 - PR 3 - 3.5m MAINTENANCE TRACK
 - PR 3 - 3.5m PUBLIC RECREATIONAL TRACK
 - PR BERM/LANDSCAPE
 - PR 12.5m WIDE CONVEYANCE CHANNEL
 - PR STREAM

Ref	Revisions	By	Date
A	RESOURCE CONSENT	HN	08/2026

Survey	MAVEN	10/2025
Design	SP	08/2026
Drawn	SP	08/2026
Checked	RW	08/2026

Maven Associates
03 571 0505
info@maven.co.nz
www.maven.co.nz
5 Omana Road, Epsom
Auckland 1020

Project
PROPOSED INDUSTRIAL DEVELOPMENT AT TE KOWHAI EAST FOR TE KOWHAI EAST LIMITED PARTNERSHIP

Title
PROPOSED SH39 SHARED PATH OPTION 2 OVERPASS

Project no.	180010
Scale	AS SHOWN @ A1
Cad file	180010-C345-3.DWG
Drawing no.	C345-3
Rev	A



LAYOUT VIEW PLAN
SCALE 1:2000 @ A1

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO DISTRICT COUNCIL/IAWAH STANDARD DETAILS AND THE WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATION.
 2. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY APPROVALS FROM UTILITY OPERATORS BEFORE COMMENCING WORK UNDER OR NEAR THEIR SERVICES.
 3. FINAL PAVEMENT DESIGN SUBJECT TO CBR/BEAM TESTS ON SUBGRADE MATERIAL.

- LEGEND
- EX GROUND LEVEL
 - PR GROUND LEVEL
 - PR FOOTPATH
 - PR CARRIAGEWAY
 - PR 3 - 3.5m MAINTENANCE TRACK
 - PR 3 - 3.5m PUBLIC RECREATIONAL TRACK
 - PR BERM/LANDSCAPE
 - PR 12.5m WIDE CONVEYANCE CHANNEL
 - PR STREAM

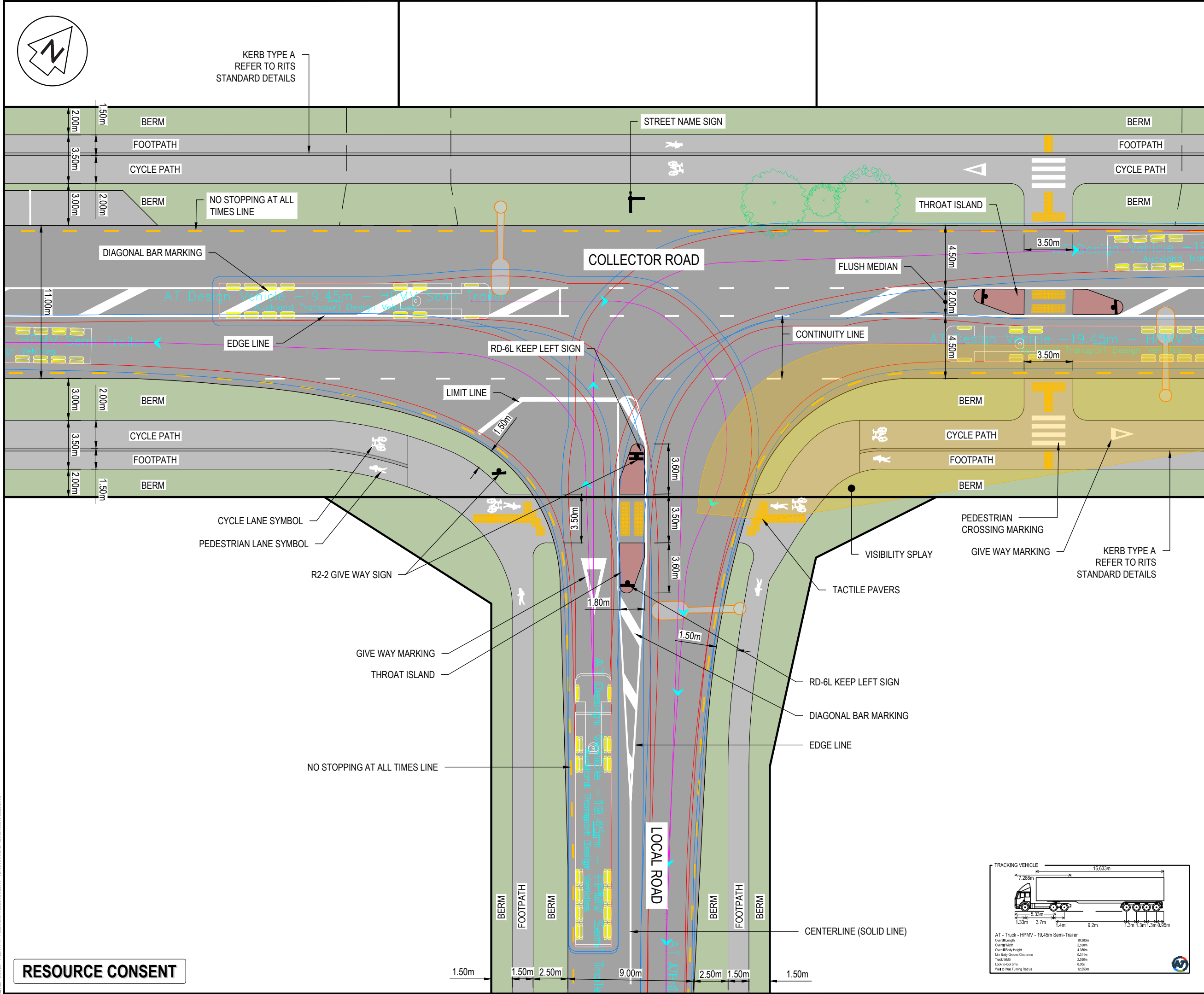
A	RESOURCE CONSENT	HN	08/2026
Ref	Revisions	By	Date
	By	Date	
Survey	MAVEN	10/2025	
Design	SP	08/2026	
Drawn	SP	08/2026	
Checked	RW	08/2026	



Project
PROPOSED INDUSTRIAL DEVELOPMENT AT TE KOWHAI EAST FOR TE KOWHAI EAST LIMITED PARTNERSHIP

Title
PROPOSED ONION ROAD URBANISATION EXTENT

Project no. 180010
Scale AS SHOWN @ A1
Cad file 180010-C345-2.DWG
Drawing no. C345-4 Rev. A



- LEGEND
- EX BDY
 - PR BDY
 - PR FOOTPATH
 - PR CARRIAGEWAY
 - PR BERM/LANDSCAPE
 - PR ROAD MARKINGS
 - PR STREET LIGHTING
 - PR VEHICLE CROSSING
 - PR STREET PARKING
 - PR STREET TREES
 - PR BUS STOP - INDICATIVE ONLY

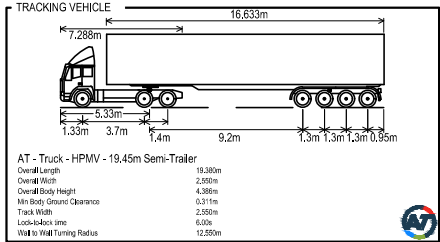
A	RESOURCE CONSENT	SP	08/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2025
Design	SP		08/2026
Drawn	SP		08/2026
Checked	RW		08/2026



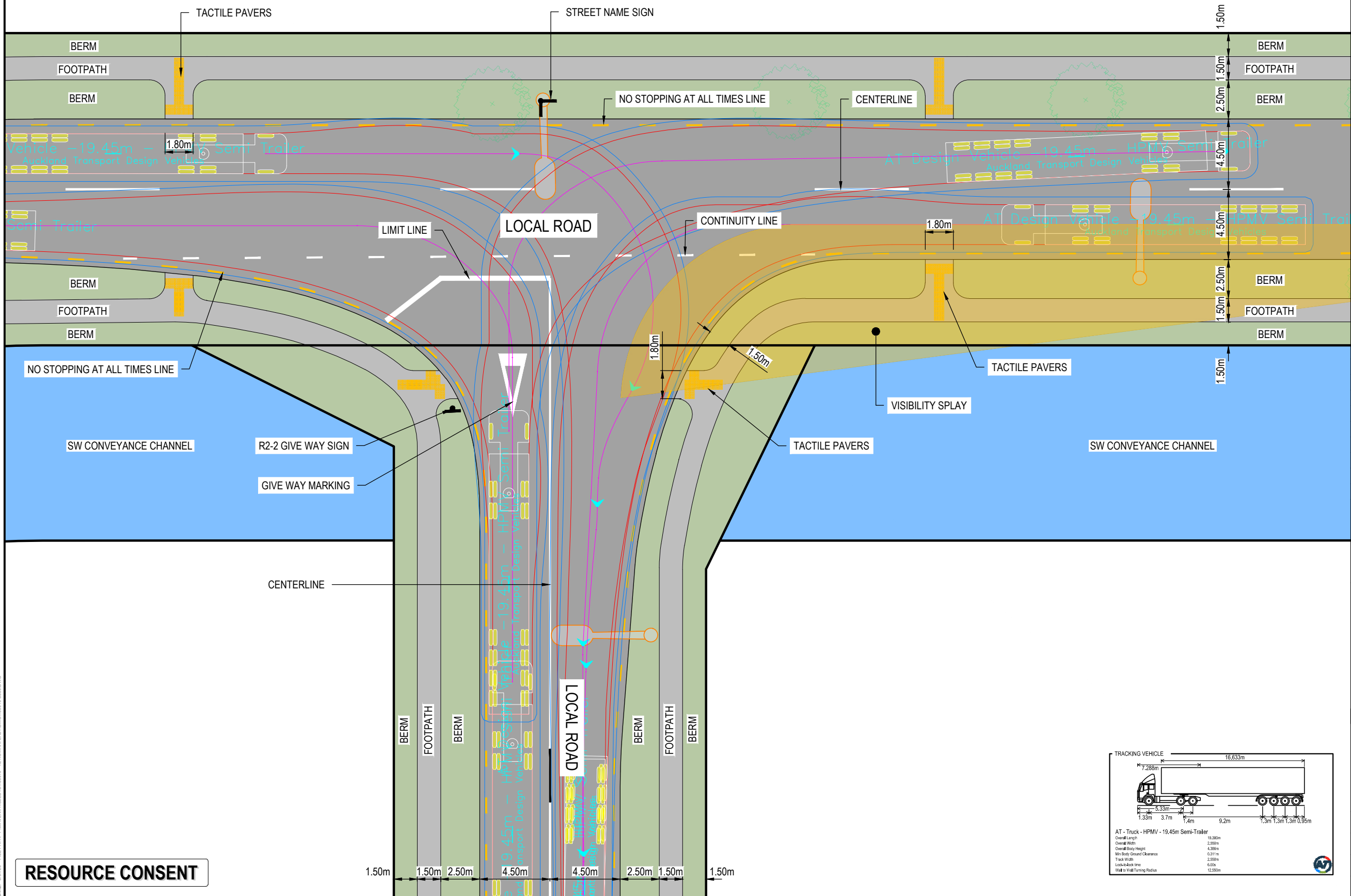
Project
PROPOSED INDUSTRIAL DEVELOPMENT AT TE KOWHAI EAST FOR TE KOWHAI EAST LIMITED PARTNERSHIP

Title
PROPOSED COLLECTOR vs LOCAL RD INTERSECTION TYPICAL DETAIL

Project no.	180010
Scale	1:250 @ A3
Cad file	180010-C380.DWG
Drawing no.	C380-1
Rev	A



RESOURCE CONSENT



- LEGEND
- EX BDY
 - PR BDY
 - PR FOOTPATH
 - PR CARRIAGEWAY
 - PR BERM/LANDSCAPE
 - PR ROAD MARKINGS
 - PR STREET LIGHTING
 - PR VEHICLE CROSSING
 - PR STREET PARKING
 - PR STREET TREES
 - PR BUS STOP - INDICATIVE ONLY

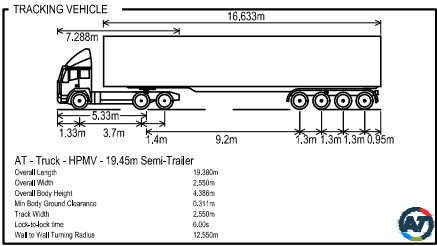
A	RESOURCE CONSENT	SP	08/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2025
Design	SP		08/2026
Drawn	SP		08/2026
Checked	RW		08/2026



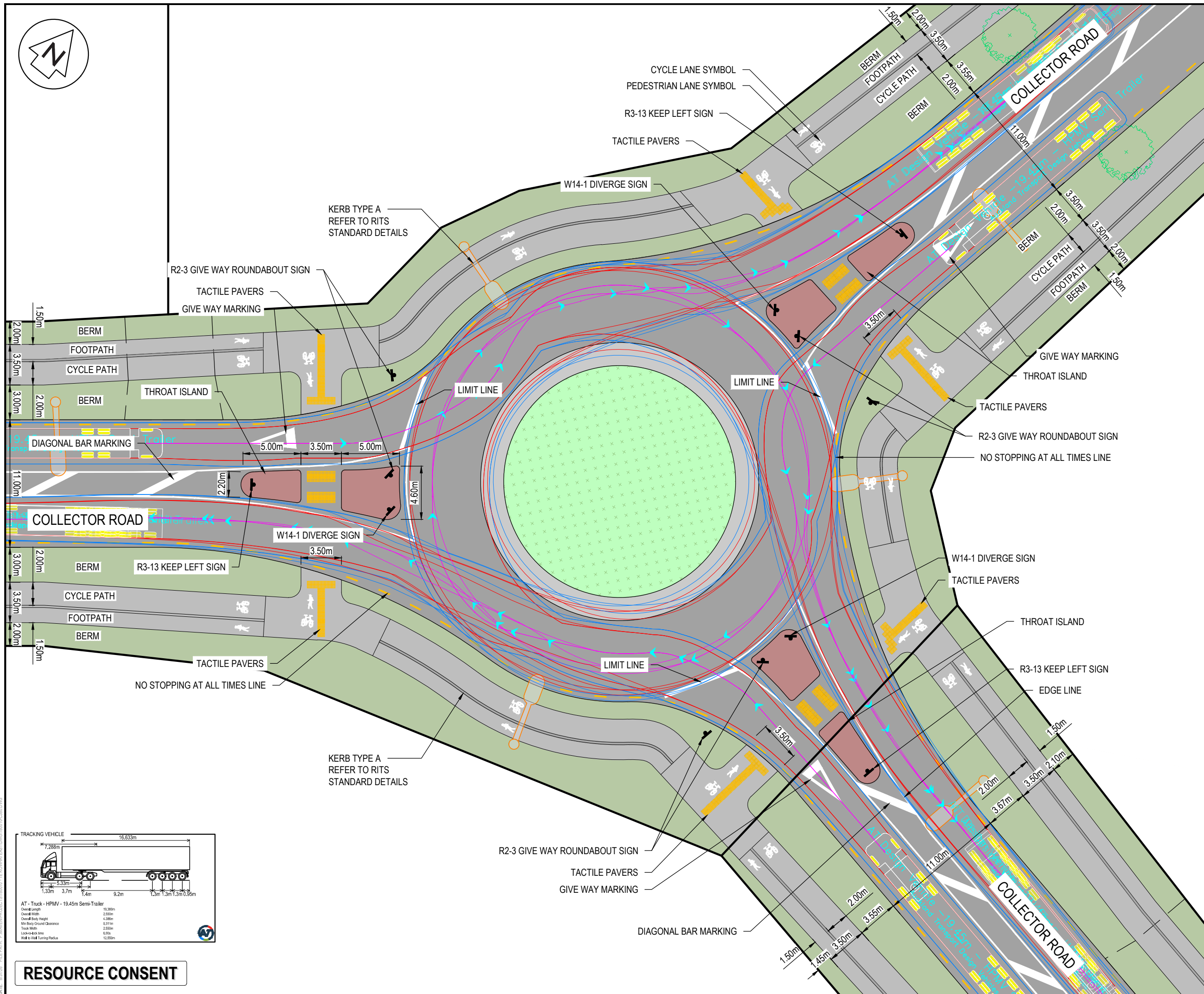
Project
**PROPOSED INDUSTRIAL
DEVELOPMENT AT
TE KOWHAI EAST
FOR TE KOWHAI EAST
LIMITED PARTNERSHIP**

Title
**PROPOSED LOCAL vs LOCAL
ROAD INTERSECTION
TYPICAL DETAIL**

Project no.	180010
Scale	1:250 @ A3
Cad file	180010-C380.DWG
Drawing no.	C380-2
Rev	A



RESOURCE CONSENT



- LEGEND
- EX BDY
 - PR BDY
 - PR FOOTPATH
 - PR CARRIAGEWAY
 - PR BERM/LANDSCAPE
 - PR ROAD MARKINGS
 - PR STREET LIGHTING
 - PR VEHICLE CROSSING
 - PR STREET PARKING
 - PR STREET TREES
 - PR BUS STOP - INDICATIVE ONLY

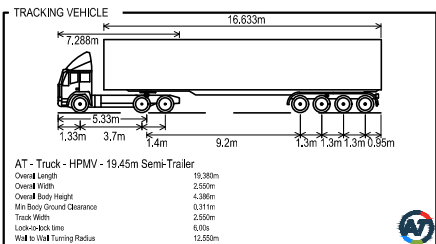
A	RESOURCE CONSENT	SP	08/2026
Rev	Description	By	Date
Survey	MAVEN		10/2025
Design	SP		08/2026
Drawn	SP		08/2026
Checked	RW		08/2026



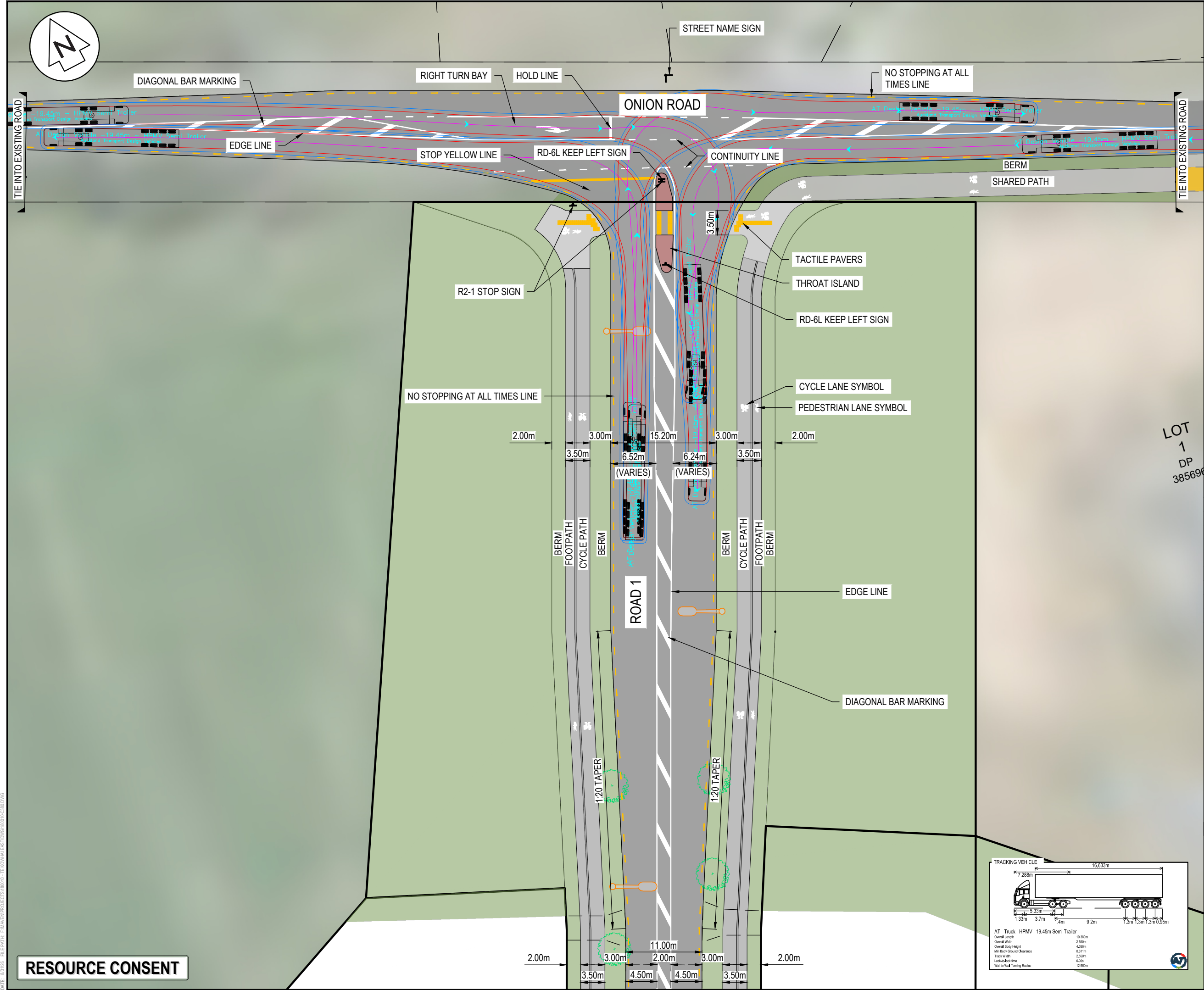
Project
PROPOSED INDUSTRIAL DEVELOPMENT AT TE KOWHAI EAST FOR TE KOWHAI EAST LIMITED PARTNERSHIP

Title
PROPOSED COLLECTOR vs COLLECTOR ROAD ROUNDABOUT TYP. DETAIL

Project no.	180010
Scale	1:300 @ A3
Cad file	180010-C380.DWG
Drawing no.	C380-3
Rev	A



RESOURCE CONSENT



- LEGEND
- EX BDY
 - PR BDY
 - PR FOOTPATH
 - PR CARRIAGEWAY
 - PR BERM/LANDSCAPE
 - PR ROAD MARKINGS
 - PR STREET LIGHTING
 - PR VEHICLE CROSSING
 - PR STREET PARKING
 - PR STREET TREES
 - PR BUS STOP - INDICATIVE ONLY

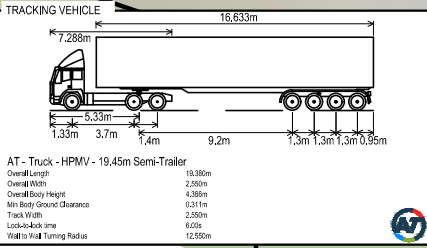
A	RESOURCE CONSENT	SP	08/2026
Rev	Description	By	Date
Survey	MAVEN		10/2025
Design	SP		08/2026
Drawn	SP		08/2026
Checked	RW		08/2026

M Maven Associates
09 571 0050
info@maven.co.nz
www.maven.co.nz
5 Owens Road, Epsom
Auckland 1023

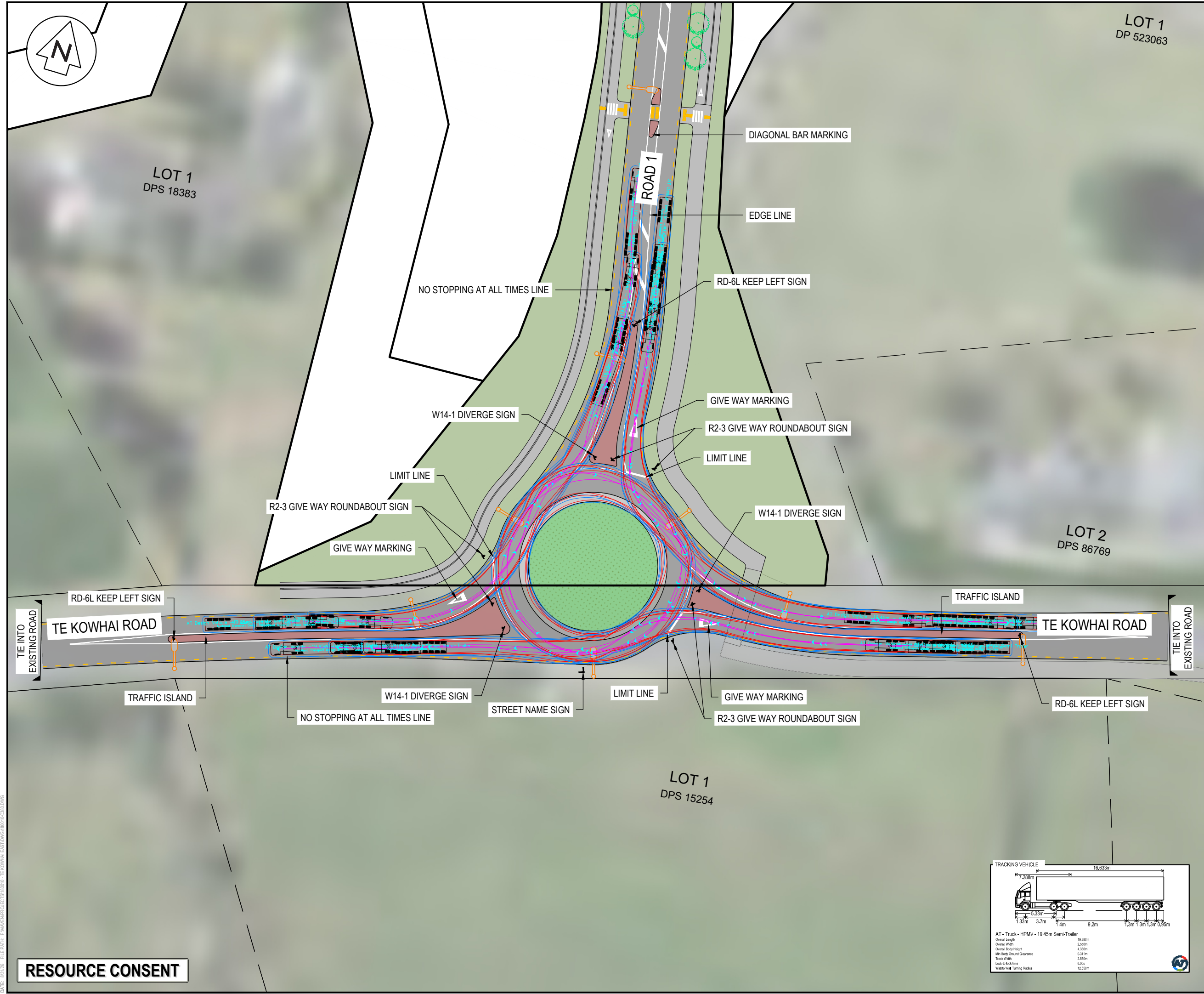
Project
PROPOSED INDUSTRIAL DEVELOPMENT AT TE KOWHAI EAST FOR TE KOWHAI EAST LIMITED PARTNERSHIP

Title
PROPOSED ONION ROAD vs ROAD 1 INTERSECTION TYPICAL DETAIL

Project no.	180010
Scale	1:500 @ A3
Cad file	180010-C380.DWG
Drawing no.	C380-4
Rev	A



RESOURCE CONSENT



- LEGEND
- EX BDY
 - PR BDY
 - PR FOOTPATH
 - PR CARRIAGEWAY
 - PR BERM/LANDSCAPE
 - PR ROAD MARKINGS
 - PR STREET LIGHTING
 - PR VEHICLE CROSSING
 - PR STREET PARKING
 - PR STREET TREES
 - PR BUS STOP - INDICATIVE ONLY

A	RESOURCE CONSENT	SP	08/2026
Rev	Description	By	Date
		By	Date
Survey	MAVEN		10/2025
Design	SP		08/2026
Drawn	SP		08/2026
Checked	RW		08/2026



Maven Associates
09 571 0050
info@maven.co.nz
www.maven.co.nz
5 Owens Road, Epsom
Auckland 1023

Project

PROPOSED INDUSTRIAL DEVELOPMENT AT TE KOWHAI EAST FOR TE KOWHAI EAST LIMITED PARTNERSHIP

Title

PROPOSED TE KOWHAI EAST SH39 vs ROAD 1 INTERSECTION TYPICAL DETAIL

Project no.	180010
Scale	1:750 @ A3
Cad file	180010-C380.DWG
Drawing no.	C380-5
Rev	A

