MT IRON JUNCTION - CONSENT ENGINEERING DESIGN

CLIENT:	MT IRON JUNCTION LTD	**PPG JOB NUMBER:**	P240103							
PROJECT NAME:	237 WANAKA - LUGGATE HIGHWAY, WANAKA	**DAY**	16	20	13	27	27			
		MONTH	12	02	08	08	09			
		YEAR	2025	2026	2026	2026	2026			
SHEET NO.	**SHEET TITLE**	**DRAWING REVISIONS**								
INDEX:										
100	INDEX SHEET	0	1	2	3	4				
110	SITE OVERVIEW	0	1	2	3	4				
EARTHWORKS:										
200	EARTHWORKS NATURAL CONTOURS	0	1	2	3	4				
201	EARTHWORKS DESIGN CONTOURS	0	1	2	3	4				
202	EARTHWORKS CUT/FILL DEPTHS	0	1	2	3	4				
ROADING:										
300	ROADING OVERVIEW PLAN	0	1	2	3	4				
300A	ROADING LAYOUT - SHEET A	0	1	2	3	4				
300B	ROADING LAYOUT - SHEET B	0	1	2	3	4				
300C	ROADING LAYOUT - SHEET C	0	1	2	3	4				
300D	ROADING LAYOUT - SHEET D	0	1	2	3	4				
310	ROADING LONGSECTIONS - 1	0	1	2	3	4				
311	ROADING LONGSECTIONS - 2	0	1	2	3	4				
312	ROADING LONGSECTIONS - 3	0	1	2	3	4				
313	ROADING LONGSECTIONS - 4	0	1	2	3	4				
320	ROADING TYPICAL CROSS SECTIONS 1	0	1	2	3	4				
321	ROADING TYPICAL CROSS SECTIONS 2	0	1	2	3	4				
330A	ROADING SIGHT DISTANCES ASD & SSD 1	0	1	2	3	4				
330B	ROADING SIGHT DISTANCES ASD & SSD 2	0	1	2	3	4				
330C	ROADING SIGHT DISTANCES ASD & SSD 3	0	1	2	3	4				
331A	ROADING SIGHT DISTANCES SISD 1	0	1	2	3	4				
331B	ROADING SIGHT DISTANCES SISD 2	0	1	2	3	4				
331C	ROADING SIGHT DISTANCES SISD 3	0	1	2	3	4				
332A	ROADING SIGHT DISTANCES CSD 1	0	1	2	3	4				
332B	ROADING SIGHT DISTANCES CSD 2	0	1	2	3	4				
332C	ROADING SIGHT DISTANCES CSD 3	0	1	2	3	4				
340	ROADING VEHICLE TRACKING 1	0	1	2	3	4				
341	ROADING VEHICLE TRACKING 2	0	1	2	3	4				
342	ROADING VEHICLE TRACKING 3	0	1	2	3	4				
343	ROADING VEHICLE TRACKING 4	0	1	2	3	4				
344	ROADING VEHICLE TRACKING 5	0	1	2	3	4				
345	ROADING VEHICLE TRACKING 6	0	1	2	3	4				
346	ROADING VEHICLE TRACKING 7	0	1	2	3	4				
347	ROADING VEHICLE TRACKING 8	0	1	2	3	4				
351	ACTIVE LINK	-	-	2	3	4				
352	ACTIVE LINK DETAILS	-	-	2	3	4				
360	NZTA WIDENING EARTHWORKS AND VESTING - SHEET 1	-	-	2	3	4				
361	NZTA WIDENING EARTHWORKS AND VESTING - SHEET 2	-	-	2	3	4				
STORMWATER										
400	DRAINAGE - OVERVIEW PLAN	0	1	2	3	4				
400A	STORMWATER LAYOUT - SHEET A	0	1	2	3	4				
400B	STORMWATER LAYOUT - SHEET B	0	1	2	3	4				
400C	STORMWATER LAYOUT - SHEET C	0	1	2	3	4				
410	STORMWATER LONGSECTIONS	0	1	2	3	4				
411	STORMWATER LONGSECTIONS	0	1	2	3	4				
412	STORMWATER LONGSECTIONS	0	1	2	3	4				
WASTEWATER										
500A	WASTEWATER LAYOUT - SHEET A	0	1	2	3	4				
500B	WASTEWATER LAYOUT - SHEET B	0	1	2	3	4				
500C	WASTEWATER LAYOUT - SHEET C	0	1	2	3	4				
500D	WASTEWATER LAYOUT - SHEET D	0	1	2	3	4				
510	WASTEWATER LONGSECTIONS 1	0	1	2	3	4				
511	WASTEWATER LONGSECTIONS 2	0	1	2	3	4				
512	WASTEWATER LONGSECTIONS 3	0	1	2	3	4				
513	WASTEWATER LONGSECTIONS 4	0	1	2	3	4				
514	WASTEWATER LONGSECTIONS 5	0	1	2	3	4				
WATER SUPPLY										
600	WATER SUPPLY - OVERVIEW PLAN	0	1	2	3	4				
600A	WATER SUPPLY LAYOUT - SHEET A	0	1	2	3	4				
600B	WATER SUPPLY LAYOUT - SHEET B	0	1	2	3	4				
600C	WATER SUPPLY LAYOUT - SHEET C	0	1	2	3	4				
UTILITIES										
800	COMBINED SERVICES - OVERVIEW PLAN	0	1	2	3	4				
800A	COMBINED SERVICES - SHEET A	0	1	2	3	4				
800B	COMBINED SERVICES - SHEET B	0	1	2	3	4				
800C	COMBINED SERVICES - SHEET C	0	1	2	3	4				
800D	COMBINED SERVICES -SHEET D	0	1	2	3	4				
850	FLOOR LEVEL PLAN	0	1	2	3	4				

Day	16	20	13	27	27			
Month	12	02	08	08	09			
Year	2025	2026	2026	2026	2026			
DISTRIBUTION:								
MOUNT IRON JUNCTION LTD		x						
CONSULTANTS TEAM	x	x	x	x	x			
QUEENSTOWN LAKES DISTRICT COUNCIL		x	x	x	x			
OTAGO REGIONAL COUNCIL								
CONTRACTOR								
REASONS FOR ISSUE:								
DRAWING SIZE:	A3	A3						
MEDIA:	PDF	PDF						

A = APPROVAL D = DESIGN X = PRICING I = INFORMATION P = FOR RESOURCE CONSENT
C = CONSTRUCTION T = TENDER Y = CONSENT R = REQUESTED E = DXF OR DWG

patersons.
Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
INDEX SHEET

DATUM INFORMATION
COORDINATE SYSTEM NZGD 2000
LINDIS PEAK CIRCUIT
DATUM NZVD 2016
ORIGIN OF COORDINATES
ORIGIN OF LEVELS

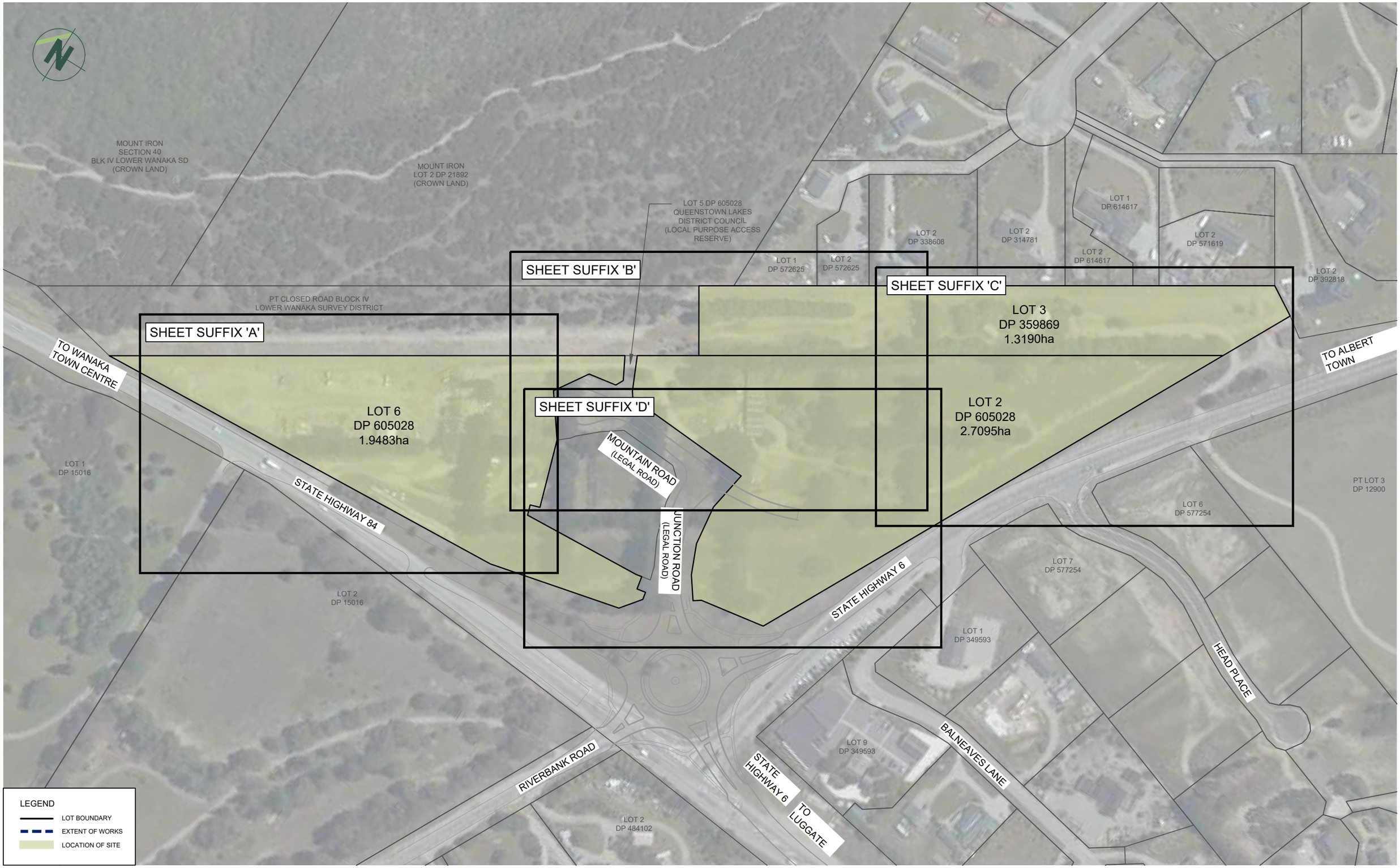
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED LIDAR
DESIGNED PHJ
DRAWN SS
REVIEWED AH
APPROVED DLW

© Paterson Pitts Limited Partnership

PROJECT **P240103**
DRAWING NO **003**
SHEET **100**
REVISION **4**
SCALE (A3) **N/A**



patersons.
Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
SITE OVERVIEW

DATUM INFORMATION
COORDINATE SYSTEM NZGD 2000
LINDIS PEAK CIRCUIT
DATUM NZVD 2016
ORIGIN OF COORDINATES
ORIGIN OF LEVELS

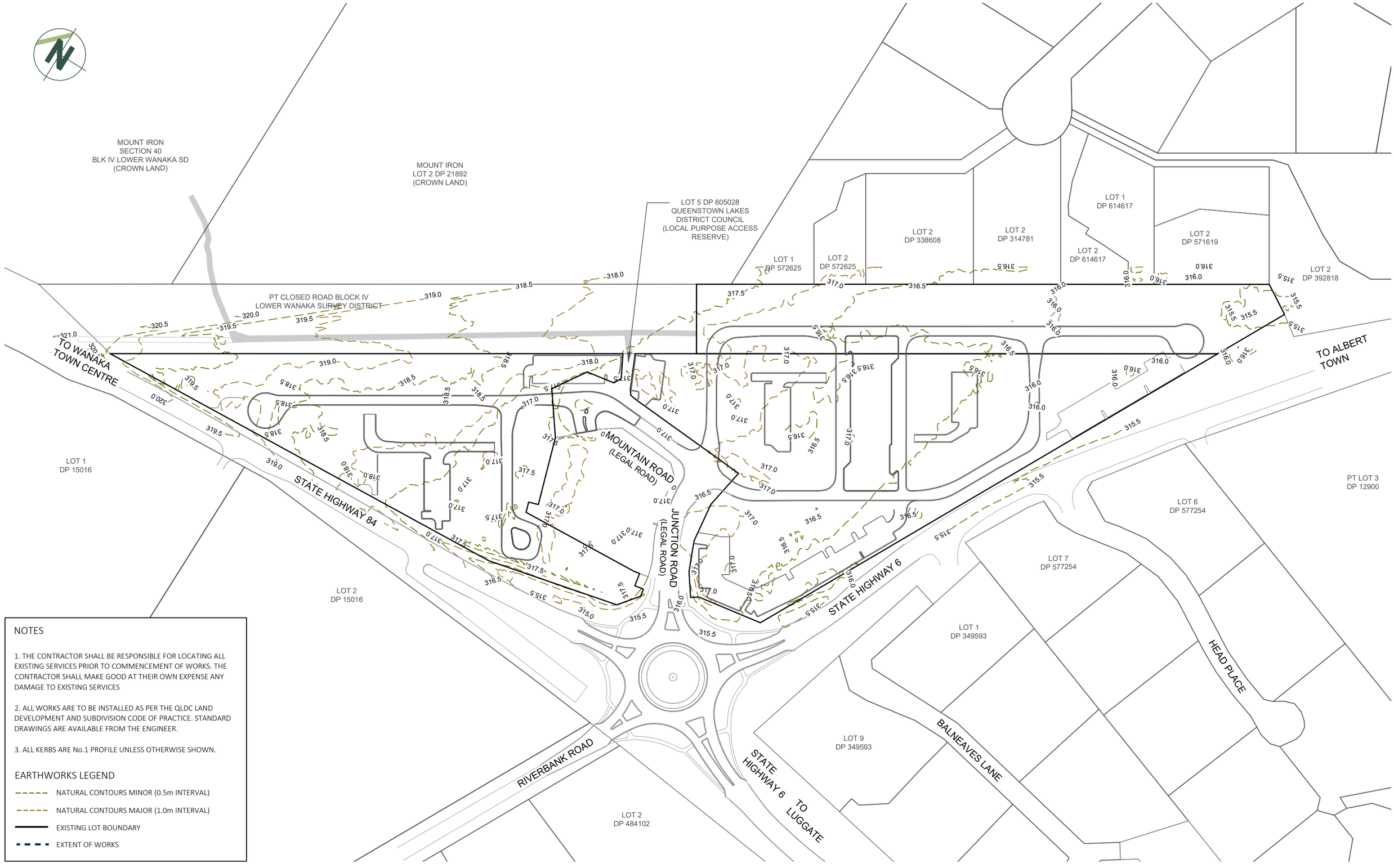
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED LIDAR
DESIGNED PHJ
DRAWN SS
REVIEWED AH
APPROVED DLW

© Paterson Pitts Limited Partnership

PROJECT **P240103**
DRAWING NO **003**
SHEET **110**
REVISION **4**
SCALE (A3) **1:2000**



NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER.

3. ALL KERBS ARE No.1 PROFILE UNLESS OTHERWISE SHOWN.

EARTHWORKS LEGEND

- NATURAL CONTOURS MINOR (0.5m INTERVAL)
- NATURAL CONTOURS MAJOR (1.0m INTERVAL)
- EXISTING LOT BOUNDARY
- EXTENT OF WORKS

patersons.
Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
EARTHWORKS NATURAL CONTOURS

DATUM INFORMATION
COORDINATE SYSTEM NZGD 2000
LINDIS PEAK CIRCUIT
DATUM NZVD 2016
ORIGIN OF COORDINATES
ORIGIN OF LEVELS

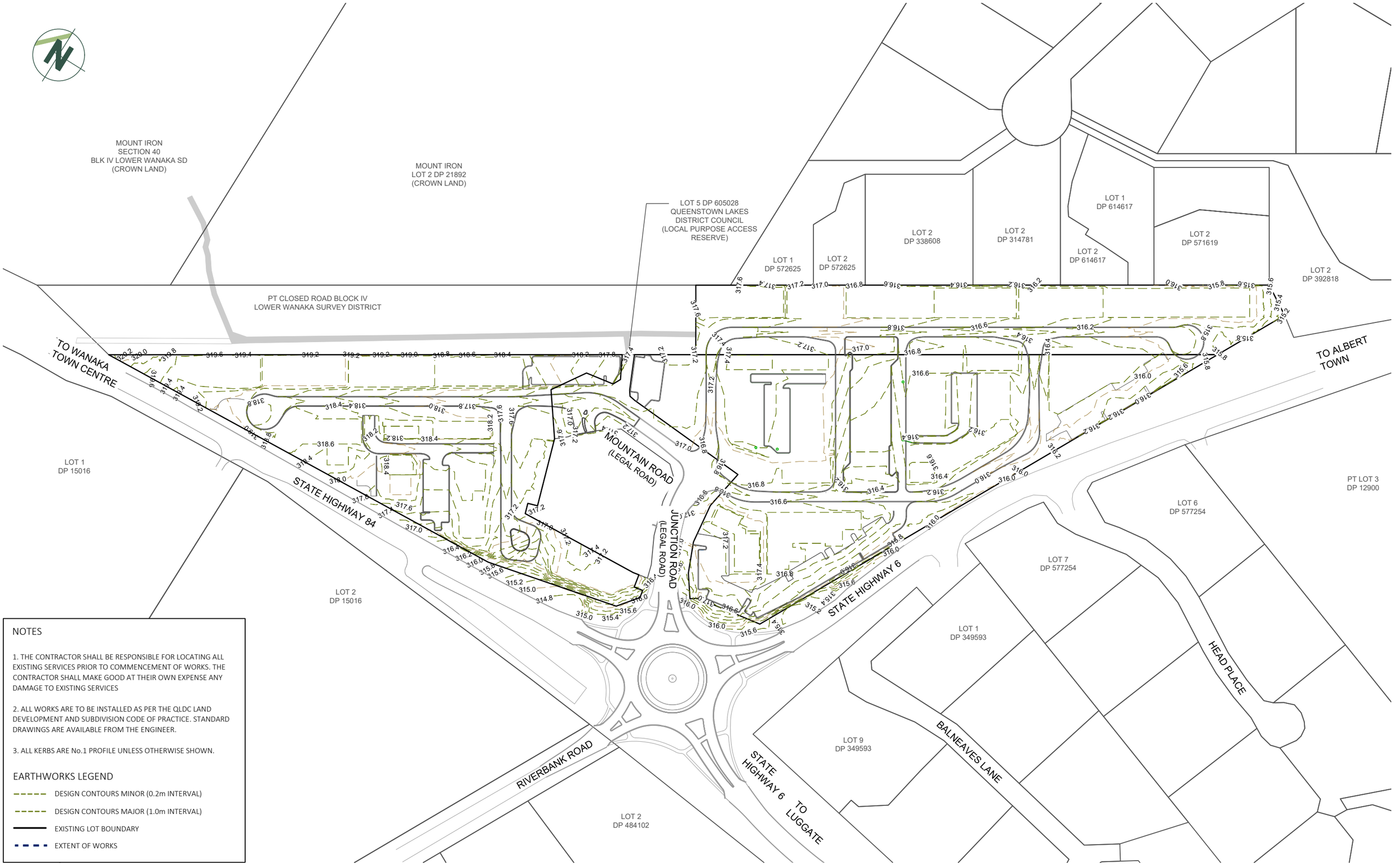
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED LIDAR
DESIGNED PHJ
DRAWN SS
REVIEWED AH
APPROVED DLW

© Paterson Pitts Limited Partnership

PROJECT **P240103**
DRAWING NO **003**
SHEET **200**
REVISION **4**
SCALE (A3) **1:2000**



NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER.

3. ALL KERBS ARE No.1 PROFILE UNLESS OTHERWISE SHOWN.

EARTHWORKS LEGEND

- DESIGN CONTOURS MINOR (0.2m INTERVAL)
- DESIGN CONTOURS MAJOR (1.0m INTERVAL)
- EXISTING LOT BOUNDARY
- EXTENT OF WORKS

patersons.
Land Professionals

CLIENT

MT IRON JUNCTION LTD

JUNCTION ROAD, WANAKA

DRAWING TITLE

CONSENT ENGINEERING DESIGN

EARTHWORKS DESIGN CONTOURS

DATUM INFORMATION

COORDINATE SYSTEM	LINDIS PEAK 2000
	LINDIS PEAK CIRCUIT
DATUM	NZVD 2016
ORIGIN OF COORDINATES	
ORIGIN OF LEVELS	

REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED	LIDAR
DESIGNED	PHJ
DRAWN	SS
REVIEWED	AH
APPROVED	DLW

© Paterson Pitts Limited Partnership

PROJECT	**P240103**
DRAWING NO	**003**
SHEET	**201**
REVISION	**4**
SCALE (A3)	**1:2000**

MOUNT IRON
SECTION 40
BLK IV LOWER WANAKA SD
(CROWN LAND)

MOUNT IRON
LOT 2 DP 21892
(CROWN LAND)

LOT 5 DP 605028
QUEENSTOWN LAKES
DISTRICT COUNCIL
(LOCAL PURPOSE ACCESS
RESERVE)

LOT 1
DP 572625

LOT 2
DP 572625

LOT 2
DP 338608

LOT 2
DP 314781

LOT 1
DP 614617

LOT 2
DP 614617

LOT 2
DP 571619

LOT 2
DP 392818

PT CLOSED ROAD BLOCK IV
LOWER WANAKA SURVEY DISTRICT

TO WANAKA
TOWN CENTRE

TO ALBERT
TOWN

MOUNTAIN ROAD
(LEGAL ROAD)

JUNCTION ROAD
(LEGAL ROAD)

STATE HIGHWAY 84

STATE HIGHWAY 6

LOT 1
DP 15016

LOT 2
DP 15016

PT LOT 3
DP 12900

LOT 6
DP 577254

LOT 7
DP 577254

LOT 1
DP 349593

LOT 9
DP 349593

HEAD PLACE

BALNEAVES LANE

RIVERBANK ROAD

STATE
HIGHWAY 6 TO
LUGGATE

LOT 2
DP 484102

NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER.

3. ALL KERBS ARE No.1 PROFILE UNLESS OTHERWISE SHOWN.

EARTHWORKS LEGEND

- CUT CONTOURS DEPTHS (0.2m INTERVAL)
- FILL CONTOUR DEPTHS (0.2m INTERVAL)
- NO CUT/FILL
- LOT BOUNDARY

LEGEND

CUT
- -1.4m -
- -1.2m to -1.4m
- -1.0m to -1.2m
- -0.8m to -1.0m
- -0.6m to -0.8m
- -0.4m to -0.6m
- -0.2m to -0.4m
- 0.0m to -0.2m

FILL
- 0.0m to 0.2m
- 0.2m to 0.4m
- 0.4m to 0.6m
- 0.6m to 0.8m
- 0.8m to 1.0m
- 1.0m to 1.2m
- 1.2m to 1.4m
- 1.4m +

patersons.
Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
EARTHWORKS CUT / FILL DEPTHS

DATUM INFORMATION	
COORDINATE SYSTEM	NZDGD 2000
	LINDIS PEAK CIRCUIT
DATUM	NZVD2016
ORIGIN OF COORDINATES	
ORIGIN OF LEVELS	

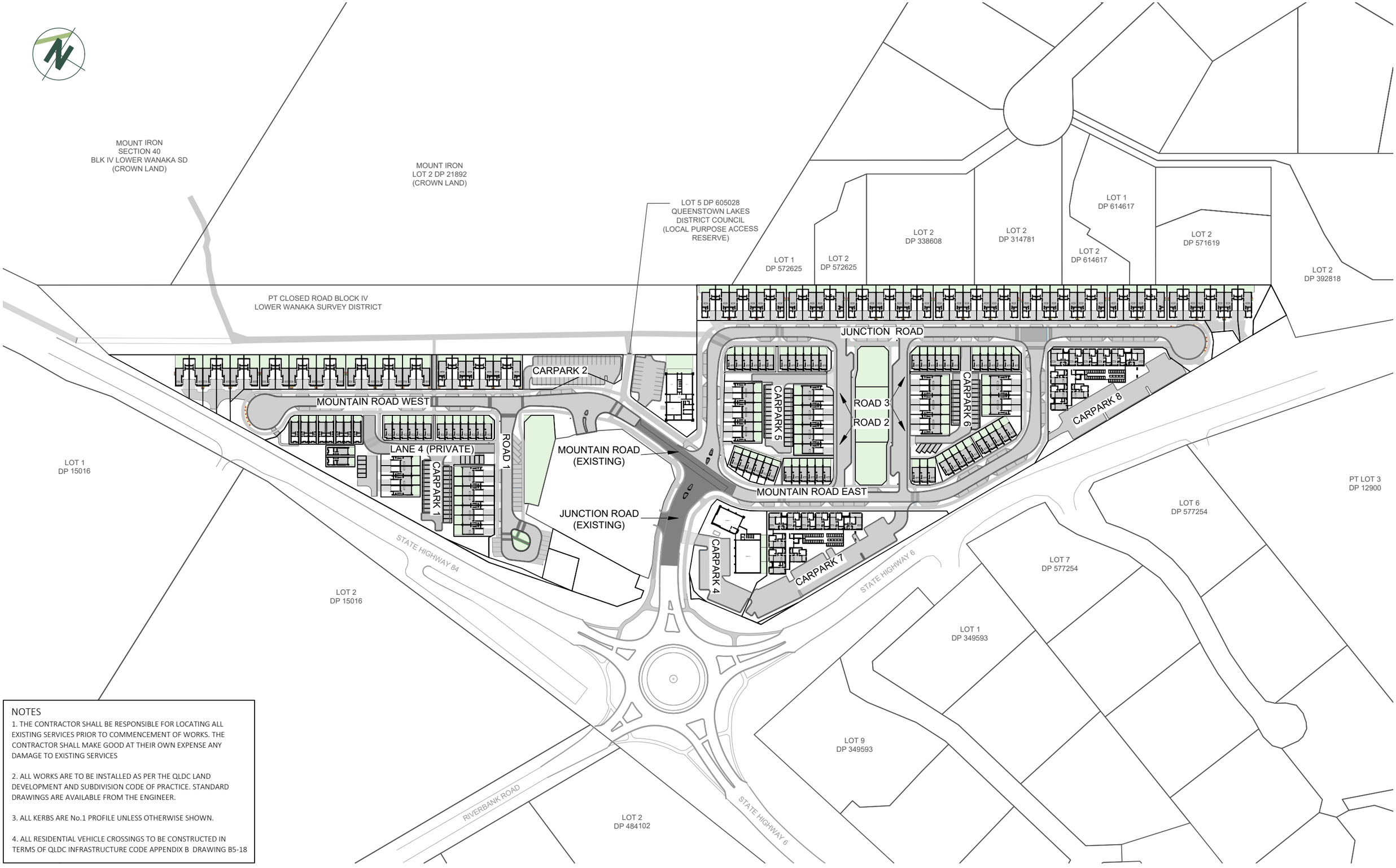
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED	LIDAR
DESIGNED	PHJ
DRAWN	SS
REVIEWED	AH
APPROVED	DLW

© Paterson Pitts Limited Partnership

PROJECT	**P240103**
DRAWING NO	**003**
SHEET	**202**
REVISION	**4**
SCALE (A3)	**1:2000**



NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER.

3. ALL KERBS ARE No.1 PROFILE UNLESS OTHERWISE SHOWN.

4. ALL RESIDENTIAL VEHICLE CROSSINGS TO BE CONSTRUCTED IN TERMS OF QLDC INFRASTRUCTURE CODE APPENDIX B DRAWING B5-18

patersons.
Land Professionals

CLIENT

MT IRON JUNCTION LTD

JUNCTION ROAD, WANAKA

DRAWING TITLE

CONSENT ENGINEERING DESIGN

ROADING OVERVIEW PLAN

DATUM INFORMATION	
COORDINATE SYSTEM	NZGD 2000
	LINDIS PEAK CIRCUIT
DATUM	NZVD2016
ORIGIN OF COORDINATES	
ORIGIN OF LEVELS	

REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED	LIDAR
DESIGNED	PHJ
DRAWN	SS
REVIEWED	AH
APPROVED	DLW

© Paterson Pitts Limited Partnership

PROJECT	**P240103**
DRAWING NO	**003**
SHEET	**300**
REVISION	**4**
SCALE (A3)	**1:2000**

UPGRADE EXISTING INFORMAL TRACK TO 2.5m WIDE GRITTED FORMATION, CONNECTING WITH ALBERT TOWN WANAKA ACTIVE LINK

UPGRADE EXISTING INFORMAL TRACK TO 3m WIDE SEALED FORMATION, CONNECTING WITH ALBERT TOWN WANAKA ACTIVE LINK

PT CLOSED ROAD BLOCK IV
LOWER WANAKA SURVEY DISTRICT

UPGRADE EXISTING INFORMAL TRACK TO 2.5m WIDE SEALED FORMATION

MOUNTAIN ROAD WEST,
E12 ROAD, 5.7m CARRIAGEWAY,
15m LEGAL WIDTH, 66 DWELLING UNITS,
2 TIMES 1.5m FOOTPATHS.

CARPARK 2, PUBLIC,
CLASS 2 USER (35 CARPARKS)
7.0m AISLE WIDTH, 2.6m WIDE,
5m DEEP PARKS, (12m QUEUE)
PEDESTRIANS SHARED IN AISLE

ROW 1, E9,
PEDESTRIAN
SHARED IN
ACCESS

RUBBISH
COLLECTION,
LOTS 1 -6

MOUNTAIN ROAD WEST CUL-DE-SAC
AS PER QLDC COP DRAWING B5-1

RUBBISH LOADING
ZONE AND COLLECTION
POINT

LOT 1
DP 15016

STATE HIGHWAY 84

1 X SINGLE SIDE
STREET SIGN
< ROAD 31 >

LANE 4 ,E12 ROAD,5.5M
CARRIAGEWAY,15M PRIVATE,
27 DWELLING UNITS.

1 * 750mm RG-6
GIVEWAY SIGN

Limit line and
continuity lines in
accordance with
TCD Rules

ROW 5,
6.35m lane,
2.6m parks

CARPARK 1a (PRIVATE)
5 ALLOCATED PARKS,
CLASS 1 USER,
6M AISLE,2.7M WIDE,
5M DEEP PARKS.

CARPARK 1 (PRIVATE)
25 ALLOCATED PARKS
CLASS 1 USER,
7M AISLE,2.5M WIDE,
5M DEEP PARKS,
PEDESTRIANS SHARED IN
AISLE.

ROAD 1,
E12, 5.7m SEALED WIDTH,
15m-17m LEGAL WIDTH,
2 TIMES 1.5m FOOTPATH
CLASS 2 CARPARK USERS,
2.7m WIDE, 5m DEEP (PLUS KERB)

ROAD 1 CUL-DE-SAC
11.35m RADIUS
CLASS 2 CARPARK USERS
2.6m WIDE 5M DEEP

NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER.

3. ALL STREET SIGNS AND ROAD MARKING IS TO BE IN ACCORDANCE WITH MOTSAM.

4. REFER TO LIGHTING DESIGN FOR LIGHTING DETAILS.

5. TACTILE PAVERS TO BE INSTALLED AS PER NZTA RTS14. REFER TO SHEET 352 FOR TYPICAL DETAIL.

6. ALL KERBS ARE NO.1 PROFILE UNLESS OTHERWISE SHOWN.

ROADING LEGEND

- FOOTPATHS (CONCRETE)
- VEHICLE CROSSINGS (CONCRETE)
- ASPHALT SURFACE
- KERBS
- LOT BOUNDARIES
- TACTILE WARNING INDICATORS
- TACTILE DIRECTIONAL INDICATORS
- STREET LIGHT
- NO PARKING
- RUBBISH PICKUP AREA

patersons.
Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
ROADING LAYOUT
SHEET A

DATUM INFORMATION
COORDINATE SYSTEM NZGD 2000
LINDIS PEAK CIRCUIT
DATUM NZVD2016
ORIGIN OF COORDINATES
ORIGIN OF LEVELS

REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED LIDAR
DESIGNED PHJ
DRAWN SS
REVIEWED AH
APPROVED DLW

© Paterson Pitts Limited Partnership

PROJECT **P240103**
DRAWING NO **003**
SHEET **300A**
REVISION **4**
SCALE (A3) **1:600**

MOUNT IRON
LOT 2 DP 21892

CROWN LAND

LOT 1
DP 572625

JUNCTION ROAD EXT,
E12 ROAD, 5.5m CARRIAGEWAY,
15M LEGAL WIDTH, 1.5m FOOTPATH
AND 3m MIXED USE PATH.

LOT 2
DP 572625

LOT 2
DP 338608

PT CLOSED ROAD BLOCK IV
LOWER WANAKA SURVEY DISTRICT

UPGRADE EXISTING INFORMAL TRACK
TO 3m WIDE SEALED FORMATION,
CONNECTING WITH ALBERT TOWN
WANAKA ACTIVE LINK

CARPARK 2, PUBLIC,
CLASS 2 USER (35 CARPARKS)
7.0m AISLE WIDTH, 2.6m WIDE,
5m DEEP PARKS, (12m QUEUE)
PEDESTRIANS SHARED IN AISLE

SHIFT EXISTING STREETLIGHT
TO MINIMUM 0.3m BEHIND
FOOTPATH AND 0.5m CLEAR
OF CARPARK OVERHANG.

CARPARK 3,
CLASS 2 USER (15 CARPARKS)
8m AISLE WIDTH, 2.5m WIDE,
5m DEEP PARKS, (6m QUEUE)

Indicative
Bike
Parking

1 * 750mm RG-6
GIVEWAY SIGN

Limit line and
continuity lines in
accordance with
TCD Rules

SHIFT EXISTING STREETLIGHT
TO MINIMUM 1M BEHIND
BACK OF KERB.

EXISTING ROAD
AND FOOTPATH

CARPARK 5,
CLASS 1 USER (24 PARKS)
6.6m AISLE, 2.55m PARK.
1 DISABLED PARK

1 * 750mm RG-6
GIVEWAY SIGN

Limit line and
continuity lines in
accordance with
TCD Rules

1 * 750mm RG-6
GIVEWAY SIGN

2 * 600*250mm
RG-14
Oneway Sign
left+right options.

600*250mm
RG-14
Oneway Sign

ROADS 2 and 3 ,
4.0m CARRIAGEWAY,
2 * 1.5m footpaths,
36 recessed 45° angle parks
4.3m to face of kerb

600*250mm
RG-14
Oneway Sign

2 * 600*250mm
RG-14
Oneway Sign
left+right options.

1 * 750mm RG-6
GIVEWAY SIGN

Limit line and
continuity lines in
accordance with
TCD Rules

NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER.

3. ALL STREET SIGNS AND ROAD MARKING IS TO BE IN ACCORDANCE WITH MOTSAM.

4. REFER TO LIGHTING DESIGN FOR LIGHTING DETAILS.

5. TACTILE PAVERS TO BE INSTALLED AS PER NZTA RTS14. REFER TO SHEET 352 FOR TYPICAL DETAIL.

6. ALL KERBS ARE NO.1 PROFILE UNLESS OTHERWISE SHOWN.

ROADING LEGEND

- FOOTPATHS (CONCRETE)
- VEHICLE CROSSINGS (CONCRETE)
- ASPHALT SURFACE
- KERBS
- LOT BOUNDARIES
- TACTILE WARNING INDICATORS
- TACTILE DIRECTIONAL INDICATORS
- STREET LIGHT
- NO PARKING
- RUBBISH PICKUP AREA

patersons.
Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
ROADING LAYOUT
SHEET B

DATUM INFORMATION	
COORDINATE SYSTEM	NZGD 2000
	LINDIS PEAK CIRCUIT
DATUM	NZVD2016
ORIGIN OF COORDINATES	
ORIGIN OF LEVELS	

REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track
STATUS			**FOR RESOURCE CONSENT**

SURVEYED	LIDAR
DESIGNED	PHJ
DRAWN	SS
REVIEWED	AH
APPROVED	DLW

© Paterson Pitts Limited Partnership

PROJECT	**P240103**
DRAWING NO	**003**
SHEET	**300B**
REVISION	**4**
SCALE (A3)	**1:600**

LOT 2
DP 338608

LOT 2
DP 314781

LOT 2
DP 614617

LOT 1
DP 614617

LOT 2
DP 571619

JUNCTION ROAD EXT,
E12 ROAD, 5.7m CARRIAGEWAY,
15M LEGAL WIDTH, 1.5m FOOTPATH
AND 3m MIXED USE PATH.

807

806

ROW 2, E9,
PEDESTRIAN
SHARED IN
ACCESS

RUBBISH
COLLECTION,
LOTS 59-52

Limit line and
continuity lines in
accordance with
TCD Rules

1 * 750mm RG-6
GIVEWAY SIGN

1 * 750mm RG-6
GIVEWAY SIGN
1* 600mm RG-09
No Entry

ROADS 2 and 3 ,
4.0m CARRIAGEWAY,
2 * 1.5m footpaths,
recessed 45° angle parking
4.3m to face of kerb

CARPARK 6, CLASS 1 USER
6.6m AISLE, 2.55m PARK.

CARPARK 8B,
CLASS 2 USER (7 CARPARKS)
6.6M AISLE WIDTH, 2.64M WIDE, 5M DEEP

CARPARK 8A,
CLASS 1 USER (36 CARPARKS ALLOCATED)
6.6m AISLE WIDTH, 2.5m WIDE, 5m DEEP .

2 * 600*250mm RG-14
Oneway Sign
left+right options.

MOUNTAIN ROAD EAST,
E12 ROAD, 5.7M CARRIAGEWAY,
15M LEGAL WIDTH,
2 TIMES 1.5M FOOTPATHS.

1 * 750mm RG-6
GIVEWAY SIGN
1* 600mm RG-09
No Entry

Limit line and
continuity lines in
accordance with
TCD Rules

STATE HIGHWAY 6

LOT 7
DP 577254

NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER.

3. ALL STREET SIGNS AND ROAD MARKING IS TO BE IN ACCORDANCE WITH MOTSAM.

4. REFER TO LIGHTING DESIGN FOR LIGHTING DETAILS.

5. TACTILE PAVERS TO BE INSTALLED AS PER NZTA RTS14. REFER TO SHEET 352 FOR TYPICAL DETAIL.

6. ALL KERBS ARE NO.1 PROFILE UNLESS OTHERWISE SHOWN.

ROADING LEGEND

- FOOTPATHS (CONCRETE)
- VEHICLE CROSSINGS (CONCRETE)
- ASPHALT SURFACE
- KERBS
- LOT BOUNDARIES
- TACTILE WARNING INDICATORS
- TACTILE DIRECTIONAL INDICATORS
- STREET LIGHT
- NO PARKING
- RUBBISH PICKUP AREA

patersons.
Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
ROADING LAYOUT
SHEET C

DATUM INFORMATION
COORDINATE SYSTEM NZGD 2000
LINDIS PEAK CIRCUIT
DATUM NZVD2016
ORIGIN OF COORDINATES
ORIGIN OF LEVELS

REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED LIDAR
DESIGNED PHJ
DRAWN SS
REVIEWED AH
APPROVED DLW

© Paterson Pitts Limited Partnership

PROJECT **P240103**
DRAWING NO **003**
SHEET **300C**
REVISION **4**
SCALE (A3) **1:600**

1 * 750mm RG-6 GIVEWAY SIGN

Limit line and continuity lines in accordance with TCD Rules

SHIFT EXISTING STREETLIGHT TO MINIMUM 1M BEHIND BACK OF KERB.

EXISTING ROAD AND FOOTPATH

Indicative Bike Parking

CARPARK 5,
CLASS 1 USER (24 PARKS)
6.6m AISLE, 2.55m PARK.
1 DISABLED PARK

1 * 750mm RG-6 GIVEWAY SIGN

Limit line and continuity lines in accordance with TCD Rules

ROADS 2 and 3 ,
4.0m CARRIAGEWAY,
2 * 1.5m footpaths,
36 recessed 45° angle parks
4.3m to face of kerb

600*250mm RG-14 Oneway Sign

805

2 * 600*250mm RG-14 Oneway Sign left+right options.

1 * 750mm RG-6 GIVEWAY SIGN

Limit line and continuity lines in accordance with TCD Rules

Indicative Bike Parking

CARPARK 4,
CLASS 2 USER
8m AISLE, 2.5m PARK

MOUNTAIN ROAD EAST,
E12 ROAD, 5.7M CARRIAGEWAY,
15M LEGAL WIDTH,
2 TIMES 1.5M FOOTPATHS.

JUNCTION ROAD (LEGAL ROAD)

STATE HIGHWAY 6

CARPARK 7B,
CLASS 2 USER (18 CARPARKS)
6.6M AISLE WIDTH, 2.64m WIDE, 5M DEEP

CARPARK 7A,
CLASS 1 USER (36 CARPARKS ALLOCATED)
6.6M AISLE WIDTH, 2.5m WIDE, 5m DEEP.

Parks 17 - 22
CLASS 2 USER
6.6M AISLE WIDTH, 2.7m WIDE, 5m DEEP.

AUTOMATED GATE
HEAVY VEHICLE ACCESS ONLY

LOT 1
DP 349593

NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER.

3. ALL STREET SIGNS AND ROAD MARKING IS TO BE IN ACCORDANCE WITH MOTSAM.

4. REFER TO LIGHTING DESIGN FOR LIGHTING DETAILS.

5. TACTILE PAVERS TO BE INSTALLED AS PER NZTA RTS14. REFER TO SHEET 352 FOR TYPICAL DETAIL.

6. ALL KERBS ARE NO.1 PROFILE UNLESS OTHERWISE SHOWN.

ROADING LEGEND

- FOOTPATHS (CONCRETE)
- VEHICLE CROSSINGS (CONCRETE)
- ASPHALT SURFACE
- KERBS
- LOT BOUNDARIES
- TACTILE WARNING INDICATORS
- TACTILE DIRECTIONAL INDICATORS
- STREET LIGHT
- NO PARKING
- RUBBISH PICKUP AREA

patersons. Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
ROADING LAYOUT
SHEET D

DATUM INFORMATION
COORDINATE SYSTEM NZGD 2000
LINDIS PEAK CIRCUIT
DATUM NZVD2016
ORIGIN OF COORDINATES
ORIGIN OF LEVELS

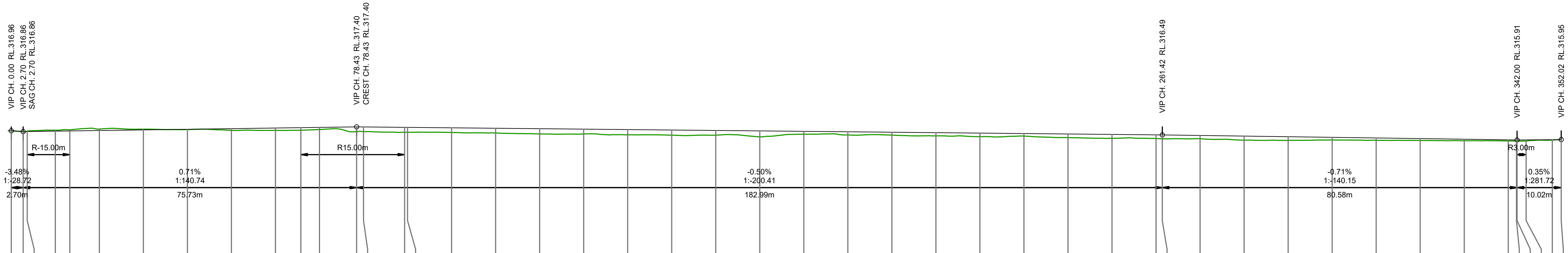
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED LIDAR
DESIGNED PHJ
DRAWN SS
REVIEWED AH
APPROVED DLW

© Paterson Pitts Limited Partnership

PROJECT **P240103**
DRAWING NO **003**
SHEET **300D**
REVISION **4**
SCALE (A3) **1:600**



Horiz Curve Data
Vertical Geometry Grade (%)
Vertical Geometry Grade (1 in)
Vertical Grade Length

Vertical Curve Length
Vertical Curve Radius

DATUM R.L.303.00

CHAINAGE	EXISTING GROUND LEVEL AT CENTRELINE	+ FILL DEPTH - CUT DEPTH	FINISHED LEVEL (FL) AT CENTRELINE
0.00	316.95	0.01	316.96
2.70	316.86	0.00	316.86
3.62	316.93	-0.06	316.87
10.00	317.03	-0.11	316.92
13.29	317.07	-0.13	316.94
20.00	317.15	-0.17	316.99
30.00	317.14	-0.08	317.06
40.00	317.10	0.03	317.13
50.00	317.00	0.20	317.20
60.00	317.01	0.27	317.27
65.77	317.02	0.29	317.31
70.00	317.11	0.23	317.34
78.43	316.86	0.54	317.40
80.00	316.86	0.54	317.39
89.33	316.78	0.57	317.35
90.00	316.78	0.56	317.34
100.00	316.77	0.53	317.30
110.00	316.71	0.54	317.25
120.00	316.60	0.59	317.20
130.00	316.60	0.55	317.15
140.00	316.50	0.59	317.10
150.00	316.46	0.59	317.05
160.00	316.46	0.53	317.00
170.00	316.27	0.68	316.95
180.00	316.57	0.33	316.90
190.00	316.48	0.36	316.85
200.00	316.47	0.33	316.80
210.00	316.38	0.37	316.75
220.00	316.30	0.40	316.70
230.00	316.36	0.29	316.65
240.00	316.18	0.41	316.60
250.00	316.11	0.44	316.55
260.00	316.07	0.42	316.50
261.42	316.04	0.45	316.49
270.00	316.05	0.38	316.43
280.00	315.89	0.46	316.36
290.00	315.86	0.42	316.29
300.00	315.91	0.30	316.21
310.00	315.87	0.27	316.14
320.00	315.86	0.21	316.07
330.00	315.83	0.17	316.00
340.00	315.81	0.12	315.93
341.86	315.80	0.12	315.92
342.00	315.80	0.11	315.91
344.05	315.81	0.12	315.92
350.00	315.90	0.04	315.94
352.02	315.97	-0.02	315.95

Junction Road Longsection

patersons. Land Professionals

CLIENT	MT IRON JUNCTION LTD	JUNCTION ROAD, WANAKA	
DRAWING TITLE	CONSENT ENGINEERING DESIGN	ROADING LONG SECTIONS 1	

DATUM INFORMATION	
COORDINATE SYSTEM	NZGD 2000
	LINDIS PEAK CIRCUIT
DATUM	NZVD2016
ORIGIN OF COORDINATES	
ORIGIN OF LEVELS	

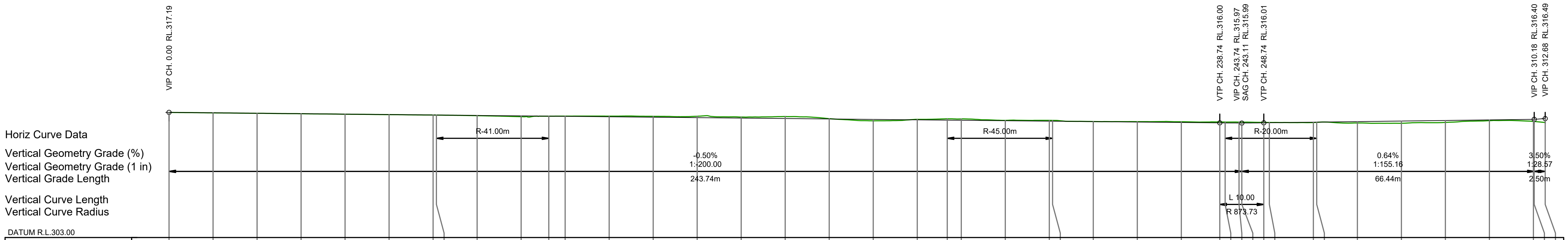
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED	LIDAR
DESIGNED	PHJ
DRAWN	SS
REVIEWED	AH
APPROVED	DLW

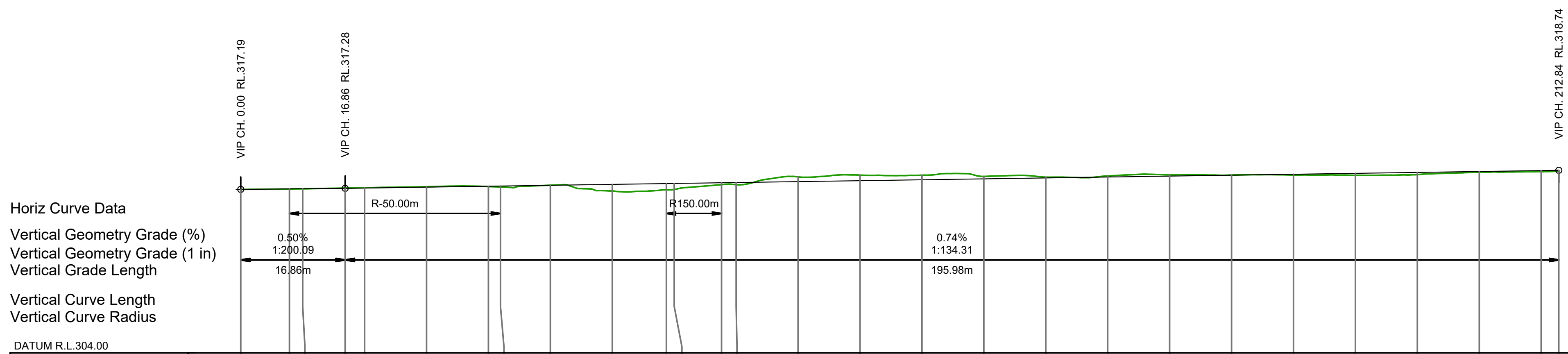
© Paterson Pitts Limited Partnership

PROJECT	**P240103**
DRAWING NO	**003**
SHEET	**310**
REVISION	**4**
SCALE (A3)	**1:2000**



CHAINAGE	EXISTING GROUND LEVEL AT CENTRELINE	+ FILL DEPTH - CUT DEPTH	FINISHED LEVEL (FL) AT CENTRELINE
0.00	317.19	0.01	317.19
10.00	317.13	0.01	317.14
20.00	317.09	0.01	317.09
30.00	317.04	0.00	317.04
40.00	316.98	0.01	316.99
50.00	316.94	0.01	316.94
60.00	316.89	0.00	316.89
60.75	316.89	0.00	316.89
70.00	316.82	0.02	316.84
80.00	316.70	0.09	316.79
86.29	316.76	0.00	316.76
90.00	316.76	-0.02	316.74
100.00	316.76	-0.07	316.69
110.00	316.74	-0.10	316.64
120.00	316.75	-0.16	316.59
130.00	316.67	-0.12	316.54
140.00	316.72	-0.23	316.49
150.00	316.48	-0.03	316.44
160.00	316.23	0.16	316.39
170.00	316.40	-0.06	316.34
176.82	316.46	-0.16	316.31
180.00	316.45	-0.15	316.29
190.00	316.28	-0.04	316.24
200.00	316.28	-0.09	316.19
200.74	316.28	-0.09	316.19
210.00	316.15	-0.01	316.14
220.00	316.14	-0.05	316.09
230.00	316.13	-0.08	316.04
238.74	316.10	-0.10	316.00
239.95	316.10	-0.10	315.99
243.11	316.09	-0.10	315.99
243.74	316.08	-0.10	315.99
248.74	316.05	-0.04	316.01
250.00	316.05	-0.04	316.01
260.00	316.04	0.04	316.08
260.77	316.06	0.02	316.08
270.00	315.99	0.15	316.14
280.00	315.96	0.25	316.21
290.00	316.05	0.22	316.27
300.00	316.25	0.08	316.34
310.00	316.17	0.23	316.40
310.18	316.16	0.24	316.40
312.68	316.04	0.45	316.49

Mountain Road East Longsection



CHAINAGE	EXISTING GROUND LEVEL AT CENTRELINE	+ FILL DEPTH - CUT DEPTH	FINISHED LEVEL (FL) AT CENTRELINE
0.00	317.19	0.01	317.19
7.86	317.23	0.00	317.23
10.00	317.24	0.00	317.24
16.86	317.30	-0.02	317.28
20.00	317.33	-0.03	317.30
30.00	317.41	-0.03	317.37
40.00	317.42	0.03	317.45
41.94	317.39	0.08	317.46
50.00	317.53	-0.01	317.52
60.00	317.06	0.54	317.60
68.73	317.16	0.51	317.66
70.00	317.19	0.48	317.67
77.64	317.57	0.16	317.73
80.00	317.58	0.17	317.75
90.00	318.20	-0.38	317.82
100.00	318.35	-0.45	317.90
110.00	318.34	-0.37	317.97
120.00	318.24	-0.19	318.04
130.00	318.18	-0.06	318.12
140.00	318.28	-0.08	318.19
150.00	318.36	-0.10	318.27
160.00	318.35	-0.01	318.34
170.00	318.35	0.06	318.42
180.00	318.33	0.16	318.49
190.00	318.38	0.18	318.57
200.00	318.59	0.05	318.64
210.00	318.63	0.09	318.71
212.84	318.67	0.07	318.74

Mountain Road West Longsection

patersons.
Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
ROADING LONGSECTIONS 2

DATUM INFORMATION
COORDINATE SYSTEM NZGD 2000
LINDIS PEAK CIRCUIT
DATUM NZVD2016
ORIGIN OF COORDINATES
ORIGIN OF LEVELS

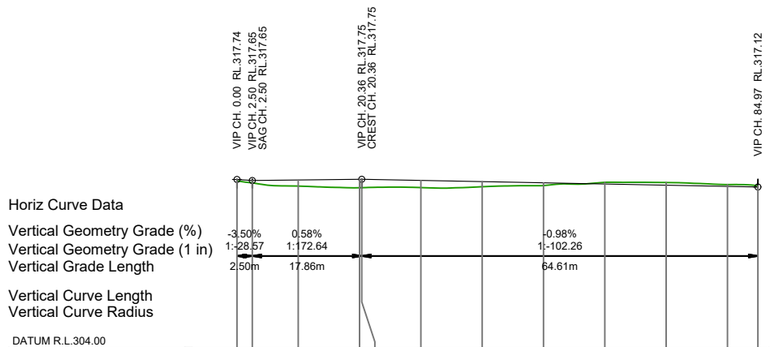
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED LIDAR
DESIGNED PHJ
DRAWN SS
REVIEWED AH
APPROVED DLW

© Paterson Pitts Limited Partnership

PROJECT **P240103**
DRAWING NO **003**
SHEET **311**
REVISION **4**
SCALE (A3) **1:2000**



DATUM R.L.304.00

EXISTING GROUND LEVEL AT CENTRELINE	317.63	317.46	317.20	317.06	317.06	317.07	317.14	317.24	317.50	317.48	317.32	317.23
+ FILL DEPTH - CUT DEPTH	0.11	0.20	0.50	0.69	0.69	0.59	0.42	0.22	-0.13	-0.21	-0.15	-0.10
FINISHED LEVEL (FL) AT CENTRELINE	317.74	317.65	317.69	317.75	317.75	317.66	317.56	317.47	317.37	317.27	317.17	317.12
CHAINAGE	0.00	2.50	10.00	20.00	20.36	30.00	40.00	50.00	60.00	70.00	80.00	84.97

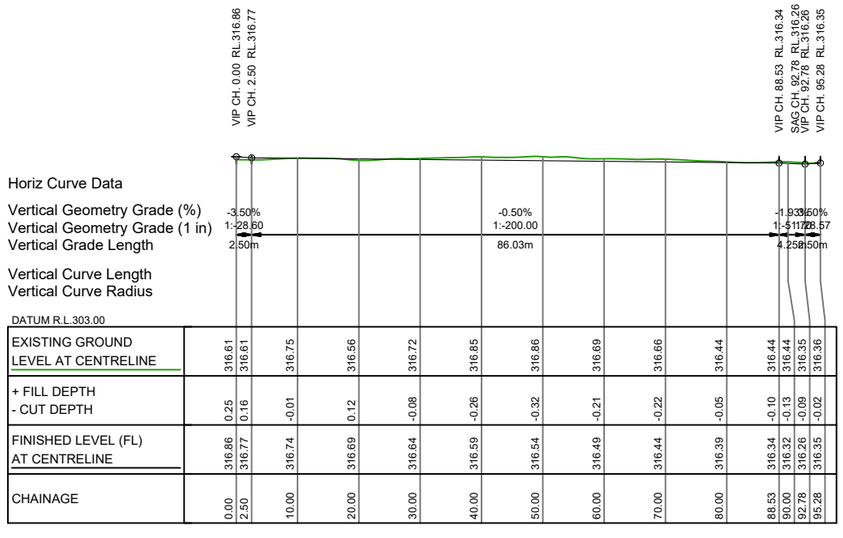
Road 1 Longsection



DATUM R.L.304.00

EXISTING GROUND LEVEL AT CENTRELINE	318.34	318.30	318.38	318.31	318.29	317.99	318.04	317.95	317.98	317.81	317.82	317.91	317.53	317.11	317.10	317.10	317.11
+ FILL DEPTH - CUT DEPTH	-0.01	-0.06	-0.18	-0.16	-0.13	0.11	0.05	0.10	0.02	0.16	0.12	-0.05	0.24	0.58	0.51	0.51	0.60
FINISHED LEVEL (FL) AT CENTRELINE	318.33	318.24	318.20	318.16	318.15	318.10	318.09	318.05	318.00	317.97	317.94	317.85	317.77	317.69	317.61	317.61	317.71
CHAINAGE	0.00	2.50	10.00	18.57	20.00	30.00	32.71	40.00	50.00	56.01	60.00	70.00	80.00	90.00	99.84	100.00	102.69

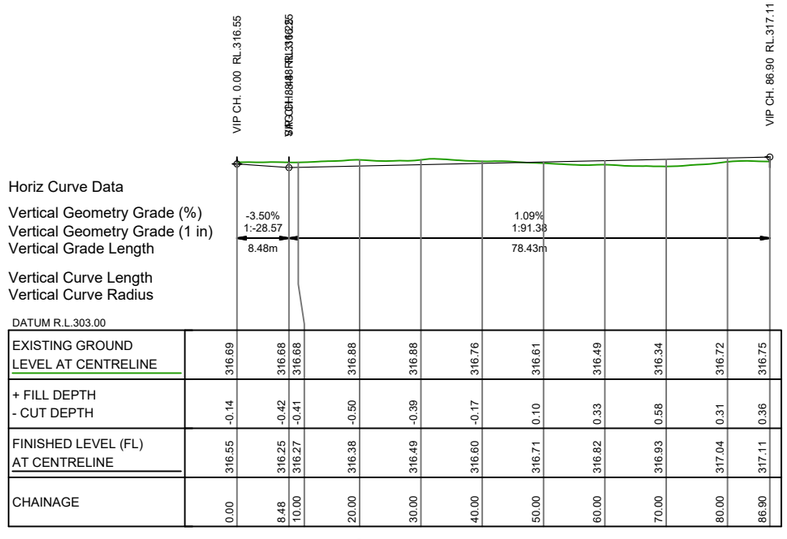
LANE 4 Longsection



DATUM R.L.303.00

EXISTING GROUND LEVEL AT CENTRELINE	316.61	316.61	316.75	316.56	316.72	316.85	316.86	316.69	316.66	316.44	316.44	316.44	316.35	316.36
+ FILL DEPTH - CUT DEPTH	0.25	0.16	-0.01	0.12	-0.08	-0.26	-0.32	-0.21	-0.22	-0.05	-0.10	-0.13	-0.09	-0.02
FINISHED LEVEL (FL) AT CENTRELINE	316.86	316.77	316.74	316.69	316.64	316.59	316.54	316.49	316.44	316.39	316.34	316.32	316.26	316.35
CHAINAGE	0.00	2.50	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00	88.53	90.00	92.78	95.28

Road 3 Longsection



DATUM R.L.303.00

EXISTING GROUND LEVEL AT CENTRELINE	316.69	316.68	316.68	316.88	316.88	316.76	316.61	316.49	316.34	316.72	316.75
+ FILL DEPTH - CUT DEPTH	-0.14	-0.42	-0.41	-0.50	-0.39	-0.17	0.10	0.33	0.58	0.31	0.36
FINISHED LEVEL (FL) AT CENTRELINE	316.55	316.25	316.27	316.38	316.49	316.60	316.71	316.82	316.93	317.04	317.11
CHAINAGE	0.00	8.48	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00	86.90

ROAD2 Longsection

patersons. Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
ROADING LONGSECTIONS 3

DATUM INFORMATION
COORDINATE SYSTEM NZGD 2000
LINDIS PEAK CIRCUIT
DATUM NZVD2016
ORIGIN OF COORDINATES
ORIGIN OF LEVELS

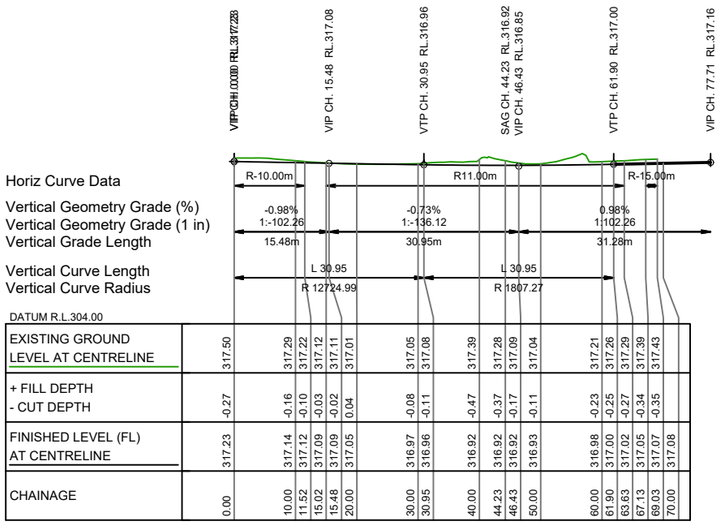
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

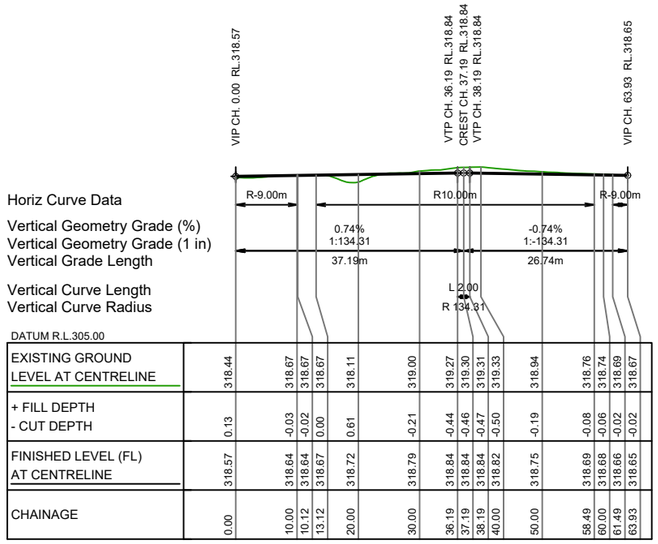
SURVEYED LIDAR
DESIGNED PHJ
DRAWN SS
REVIEWED AH
APPROVED DLW

© Paterson Pitts Limited Partnership

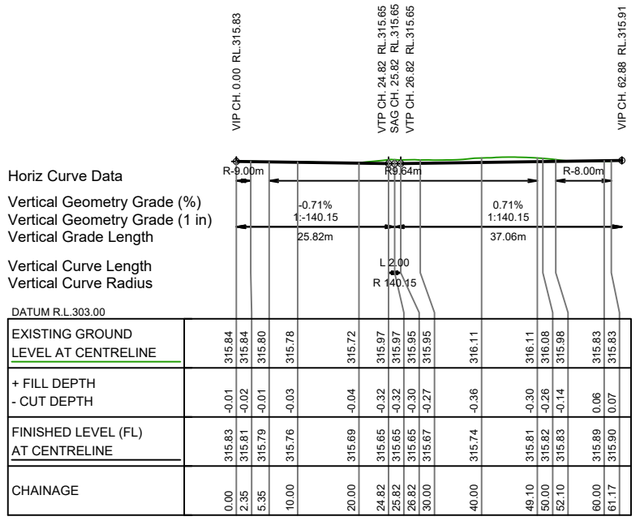
PROJECT **P240103**
DRAWING NO **003**
SHEET **312**
REVISION **4**
SCALE (A3) **1:2000**



Road 1 Culdesac Kerb line



Mountain Road Culdesac Kerbline



Junction Road Culdesac Kerbline

patersons. Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
ROADING LONGSECTIONS 4

DATUM INFORMATION
COORDINATE SYSTEM NZGD 2000
LINDIS PEAK CIRCUIT
DATUM NZVD2016
ORIGIN OF COORDINATES
ORIGIN OF LEVELS

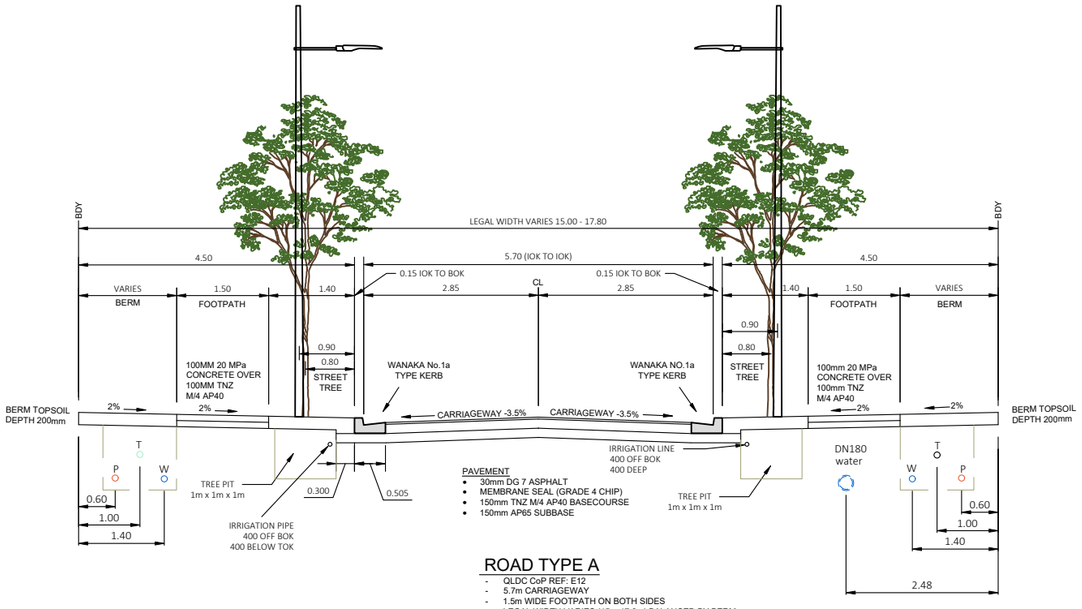
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED LIDAR
DESIGNED PHJ
DRAWN SS
REVIEWED AH
APPROVED DLW

© Paterson Pitts Limited Partnership

PROJECT **P240103**
DRAWING NO **003**
SHEET **313**
REVISION **4**
SCALE (A3) **1:2000**

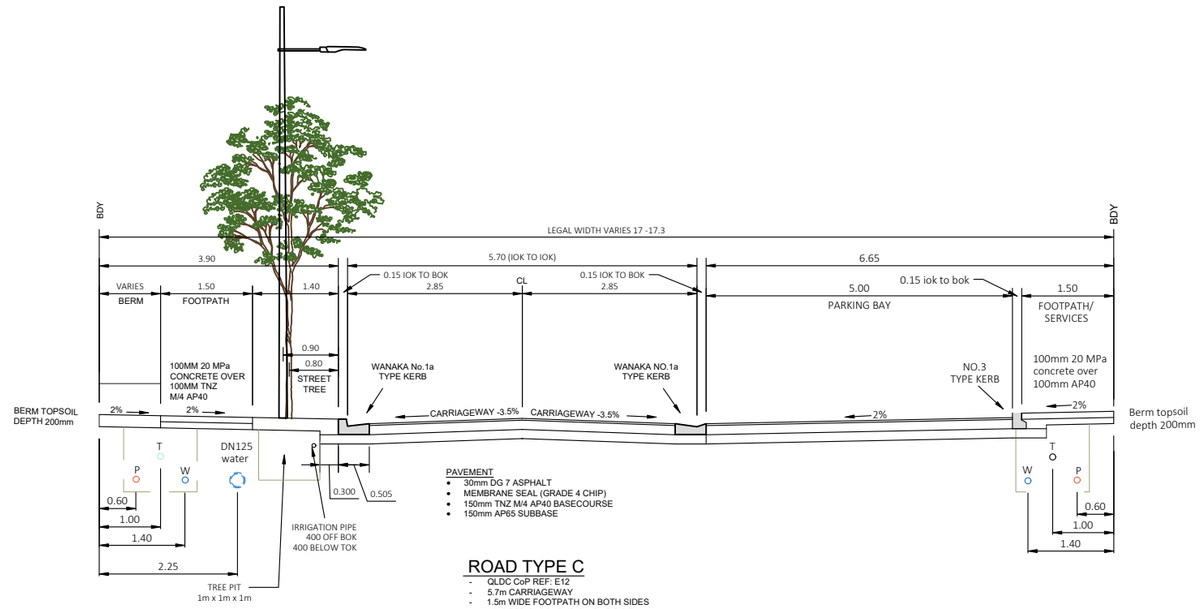


ROAD TYPE A

- QLDC CoP REF: E12
- 5.7m CARRIAGEWAY
- 1.5m WIDE FOOTPATH ON BOTH SIDES
- LEGAL WIDTH VARIES (15m-17.8m) BALANCED BY BERM

APPLIES TO:
- MOUNTAIN ROAD WEST
- MOUNTAIN ROAD EAST

PAVEMENT
- 30mm DG 7 ASPHALT
- MEMBRANE SEAL (GRADE 4 CHIP)
- 150mm TNZ M/4 AP40 BASECOURSE
- 150mm AP65 SUBBASE

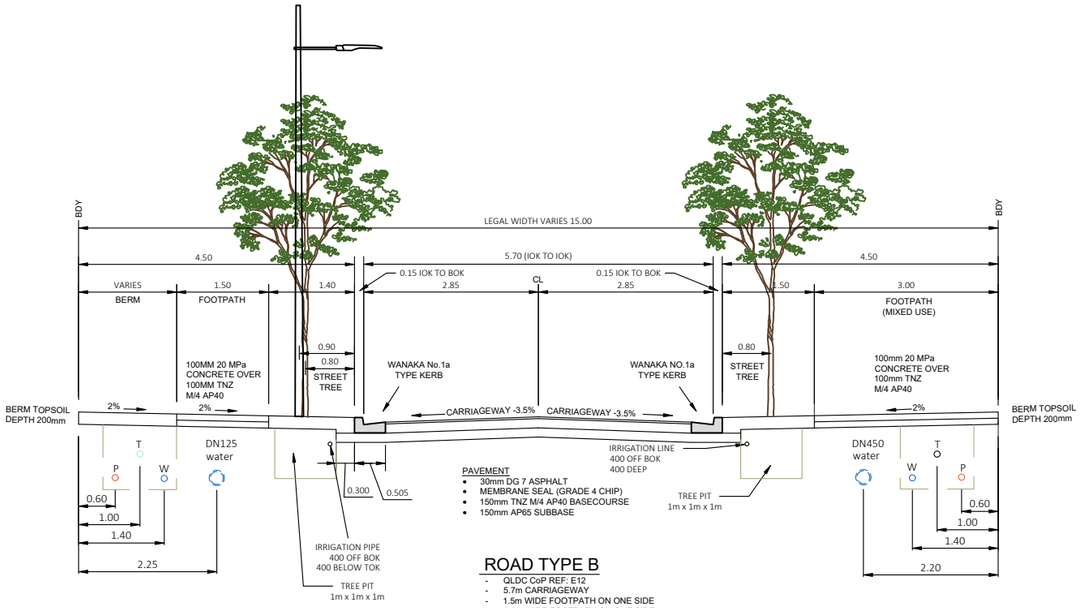


ROAD TYPE C

- QLDC CoP REF: E12
- 5.7m CARRIAGEWAY
- 1.5m WIDE FOOTPATH ON BOTH SIDES
- 5m DEEP CARPARKS ON ONE SIDE
- LEGAL WIDTH (15m)

APPLIES TO:
- ROAD 1

PAVEMENT
- 30mm DG 7 ASPHALT
- MEMBRANE SEAL (GRADE 4 CHIP)
- 150mm TNZ M/4 AP40 BASECOURSE
- 150mm AP65 SUBBASE

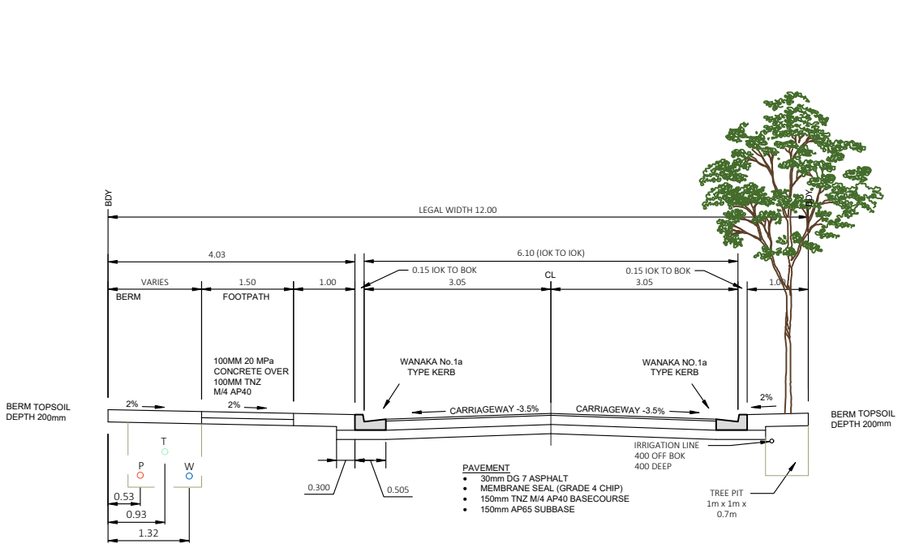


ROAD TYPE B

- QLDC CoP REF: E12
- 5.7m CARRIAGEWAY
- 1.5m WIDE FOOTPATH ON ONE SIDE
- 3.0m WIDE FOOTPATH ON ONE SIDE
- LEGAL WIDTH (15m)

APPLIES TO:
- JUNCTION ROAD (EXTENSION)

PAVEMENT
- 30mm DG 7 ASPHALT
- MEMBRANE SEAL (GRADE 4 CHIP)
- 150mm TNZ M/4 AP40 BASECOURSE
- 150mm AP65 SUBBASE



ROAD TYPE D

- QLDC CoP REF: E11
- 6.1m CARRIAGEWAY
- 1.5m WIDE FOOTPATH ON ONE SIDE
- LEGAL WIDTH VARIES (15m-17m) BALANCED BY BERM

APPLIES TO:
- LANE 4

patersons. Land Professionals

CLIENT

MT IRON JUNCTION LTD

JUNCTION ROAD, WANAKA

DRAWING TITLE

CONSENT ENGINEERING DESIGN

ROADING TYPICAL CROSS SECTIONS 1

DATUM INFORMATION	
COORDINATE SYSTEM	NZGD 2000
	LINDIS PEAK CIRCUIT
DATUM	NZVD2016
ORIGIN OF COORDINATES	
ORIGIN OF LEVELS	

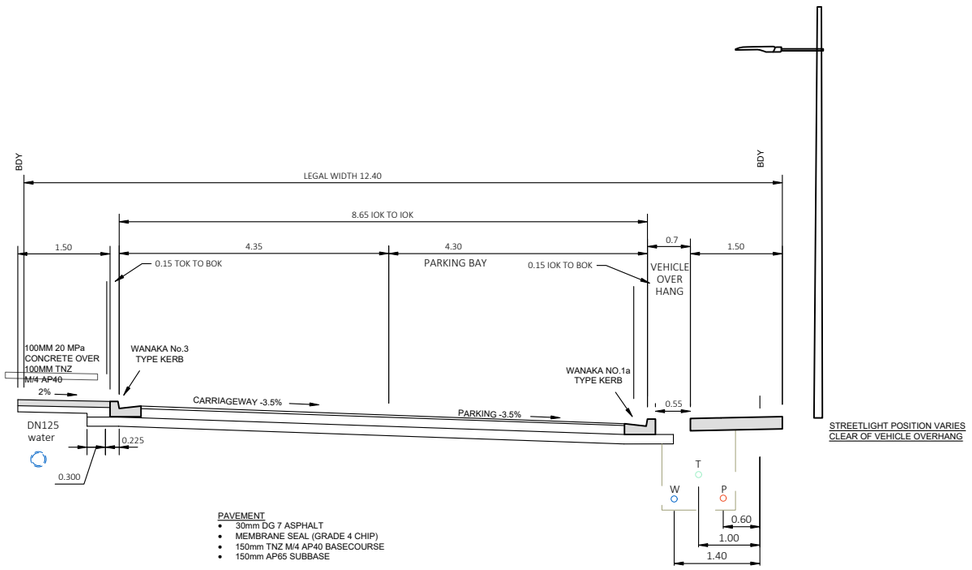
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED	LIDAR
DESIGNED	PHJ
DRAWN	SS
REVIEWED	AH
APPROVED	DLW

© Paterson Pitts Limited Partnership

PROJECT	**P240103**
DRAWING NO	**003**
SHEET	**320**
REVISION	**4**
SCALE (A3)	**1:100**



PAVEMENT
- 30mm DG 7 ASPHALT
- MEMBRANE SEAL (GRADE 4 CHIP)
- 150mm TNZ M/4 AP40 BASECOURSE
- 150mm AP65 SUBBASE

ROAD TYPE E

- QLDC CoP REF: E11
- 4.3m CARRIAGEWAY
- 1.5m WIDE FOOTPATH ON BOTH SIDES
- LEGAL WIDTH VARIES (15m-17m) BALANCED BY BERM

APPLIES TO:
- ROAD 2
- ROAD 3

patersons. Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
ROADING TYPICAL CROSS SECTIONS 2

DATUM INFORMATION
COORDINATE SYSTEM NZGD 2000
LINDIS PEAK CIRCUIT
DATUM NZVD2016
ORIGIN OF COORDINATES
ORIGIN OF LEVELS

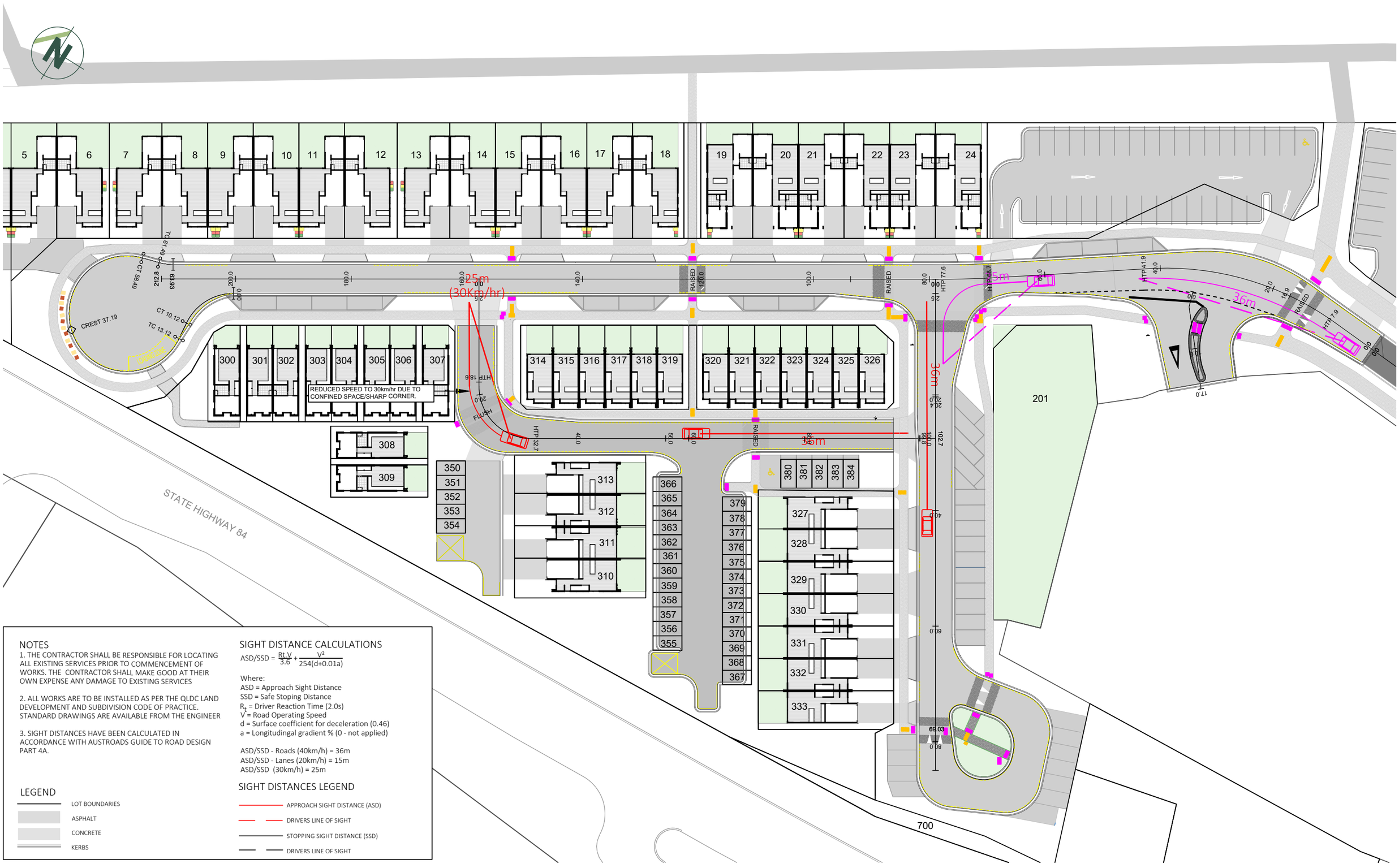
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED LIDAR
DESIGNED PHJ
DRAWN SS
REVIEWED AH
APPROVED DLW

© Paterson Pitts Limited Partnership

PROJECT **P240103**
DRAWING NO **003**
SHEET **321**
REVISION **4**
SCALE (A3) **1:100**



NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER

3. SIGHT DISTANCES HAVE BEEN CALCULATED IN ACCORDANCE WITH AUSTROADS GUIDE TO ROAD DESIGN PART 4A.

LEGEND

- LOT BOUNDARIES
- ASPHALT
- CONCRETE
- KERBS

SIGHT DISTANCE CALCULATIONS

$$ASD/SSD = \frac{R_t V}{3.6} + \frac{V^2}{254(d+0.01a)}$$

Where:
ASD = Approach Sight Distance
SSD = Safe Stoping Distance
R_t = Driver Reaction Time (2.0s)
V = Road Operating Speed
d = Surface coefficient for deceleration (0.46)
a = Longitudingal gradient % (0 - not applied)

ASD/SSD - Roads (40km/h) = 36m
ASD/SSD - Lanes (20km/h) = 15m
ASD/SSD (30km/h) = 25m

SIGHT DISTANCES LEGEND

- APPROACH SIGHT DISTANCE (ASD)
- DRIVERS LINE OF SIGHT
- STOPPING SIGHT DISTANCE (SSD)
- DRIVERS LINE OF SIGHT

patersons. Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
ROADING SIGHT DISTANCES
ASD & SSD 1

DATUM INFORMATION	
COORDINATE SYSTEM	NZGD 2000
	LNIDIS PEAK CIRCUIT
DATUM	NZVD2016
ORIGIN OF COORDINATES	
ORIGIN OF LEVELS	

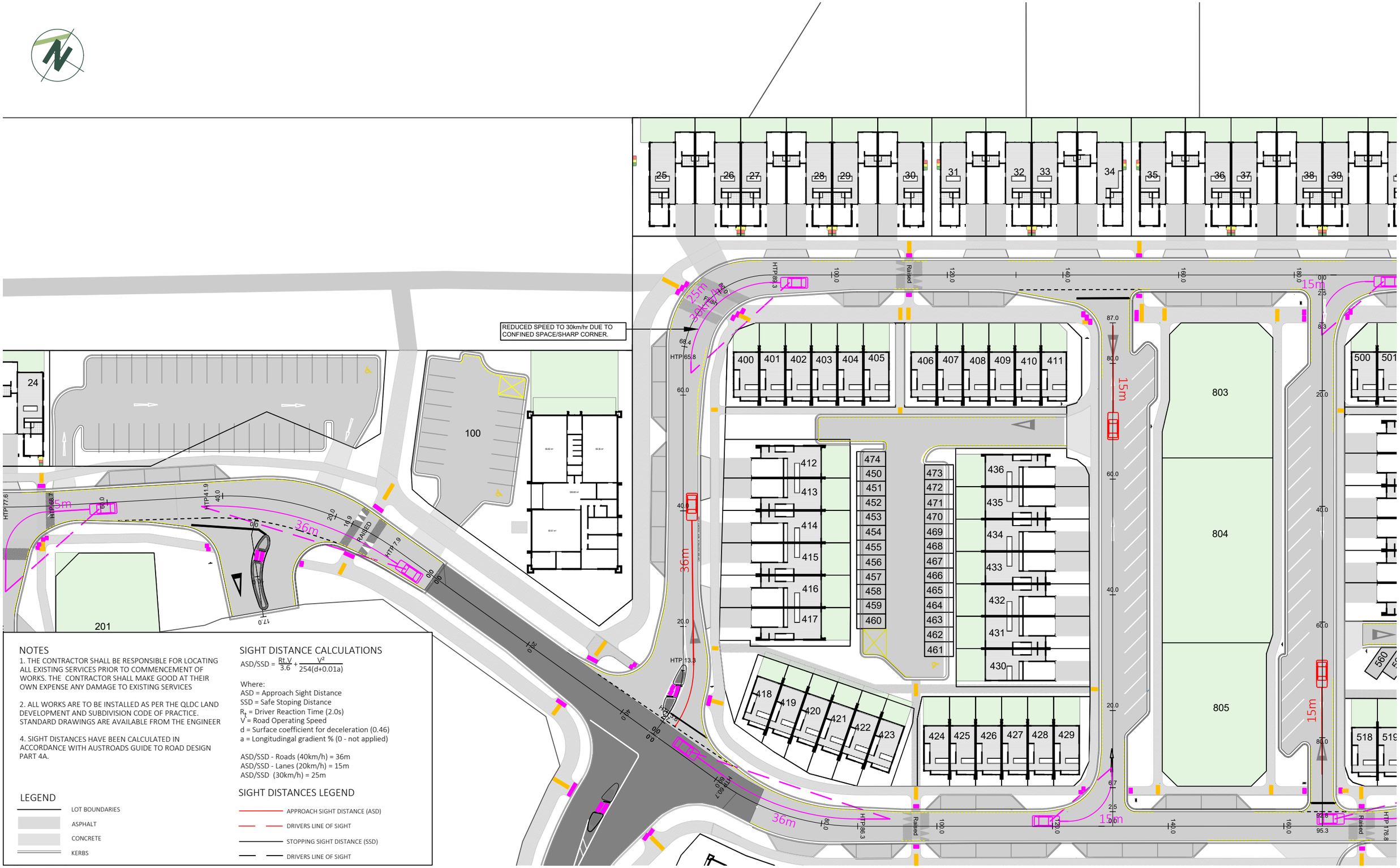
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED	LIDAR
DESIGNED	PHJ
DRAWN	SS
REVIEWED	AH
APPROVED	DLW

© Paterson Pitts Limited Partnership

PROJECT	**P240103**
DRAWING NO	**003**
SHEET	**330A**
REVISION	**4**
SCALE (A3)	**1:600**



patersons.
Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
ROADING SIGHT DISTANCES
ASD & SSD 2

DATUM INFORMATION	
COORDINATE SYSTEM	NZGD 2000
	LNIDIS PEAK CIRCUIT
DATUM	NZVD2016
ORIGIN OF COORDINATES	
ORIGIN OF LEVELS	

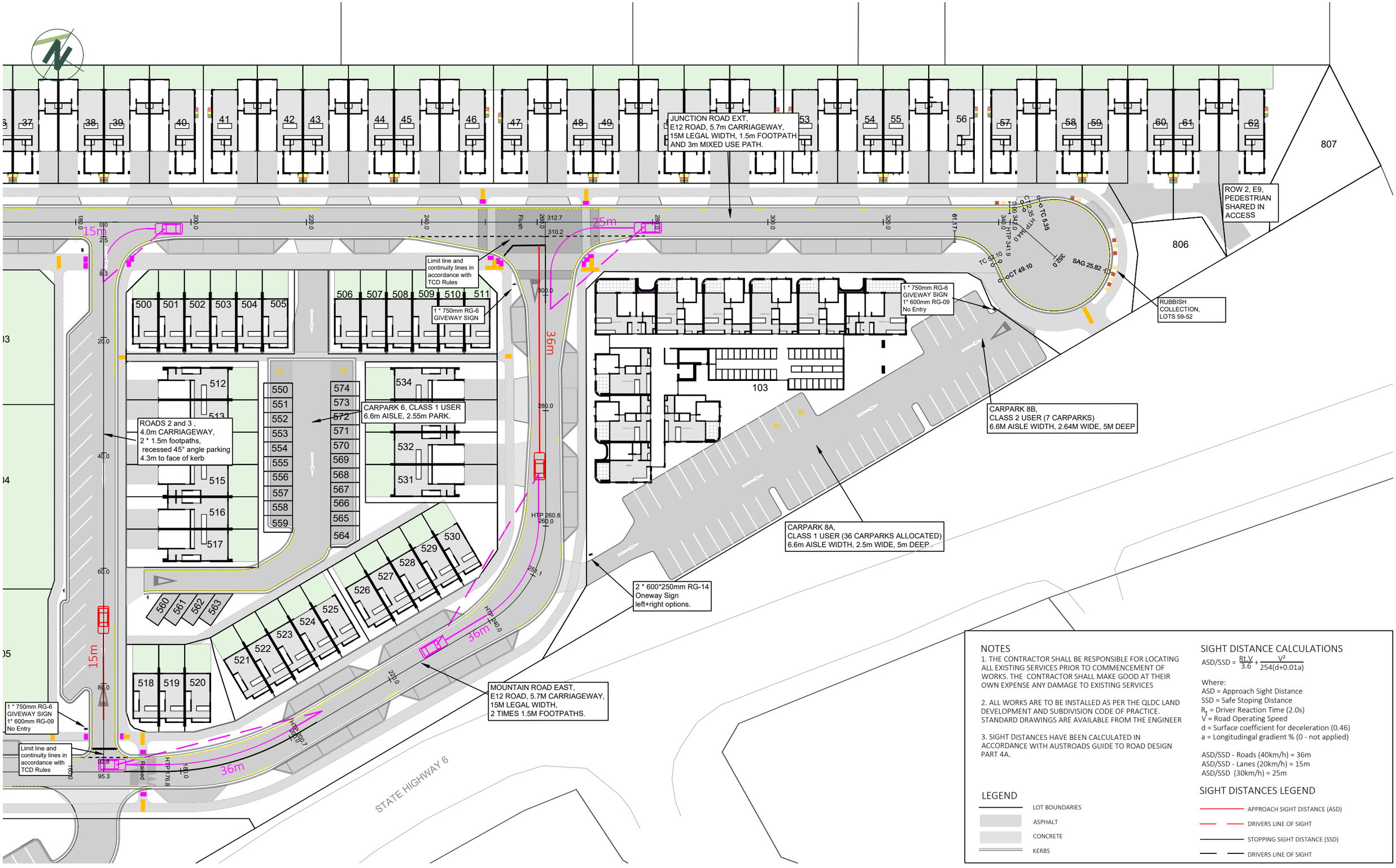
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED	LIDAR
DESIGNED	PHJ
DRAWN	SS
REVIEWED	AH
APPROVED	DLW

© Paterson Pitts Limited Partnership

PROJECT	**P240103**
DRAWING NO	**003**
SHEET	**330B**
REVISION	**4**
SCALE (A3)	**1:600**



NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER

3. SIGHT DISTANCES HAVE BEEN CALCULATED IN ACCORDANCE WITH AUSTROADS GUIDE TO ROAD DESIGN PART 4A.

SIGHT DISTANCE CALCULATIONS

$$ASD/SSD = \frac{R_t V}{3.6} + \frac{V^2}{254(d+0.01a)}$$

Where:
ASD = Approach Sight Distance
SSD = Safe Stoping Distance
R_t = Driver Reaction Time (2.0s)
V = Road Operating Speed
d = Surface coefficient for deceleration (0.46)
a = Longitudingal gradient % (0 - not applied)

ASD/SSD - Roads (40km/h) = 36m
ASD/SSD - Lanes (20km/h) = 15m
ASD/SSD (30km/h) = 25m

LEGEND

- LOT BOUNDARIES
- ASPHALT
- CONCRETE
- KERBS

SIGHT DISTANCES LEGEND

- APPROACH SIGHT DISTANCE (ASD)
- DRIVERS LINE OF SIGHT
- STOPPING SIGHT DISTANCE (SSD)
- DRIVERS LINE OF SIGHT

patersons.
Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD

DRAWING TITLE
CONSENT ENGINEERING DESIGN
ROADING SIGHT DISTANCES
ASD & SSD 3

DATUM INFORMATION
COORDINATE SYSTEM NZGD 2000
LNIDIS PEAK CIRCUIT
DATUM NZVD2016
ORIGIN OF COORDINATES
ORIGIN OF LEVELS

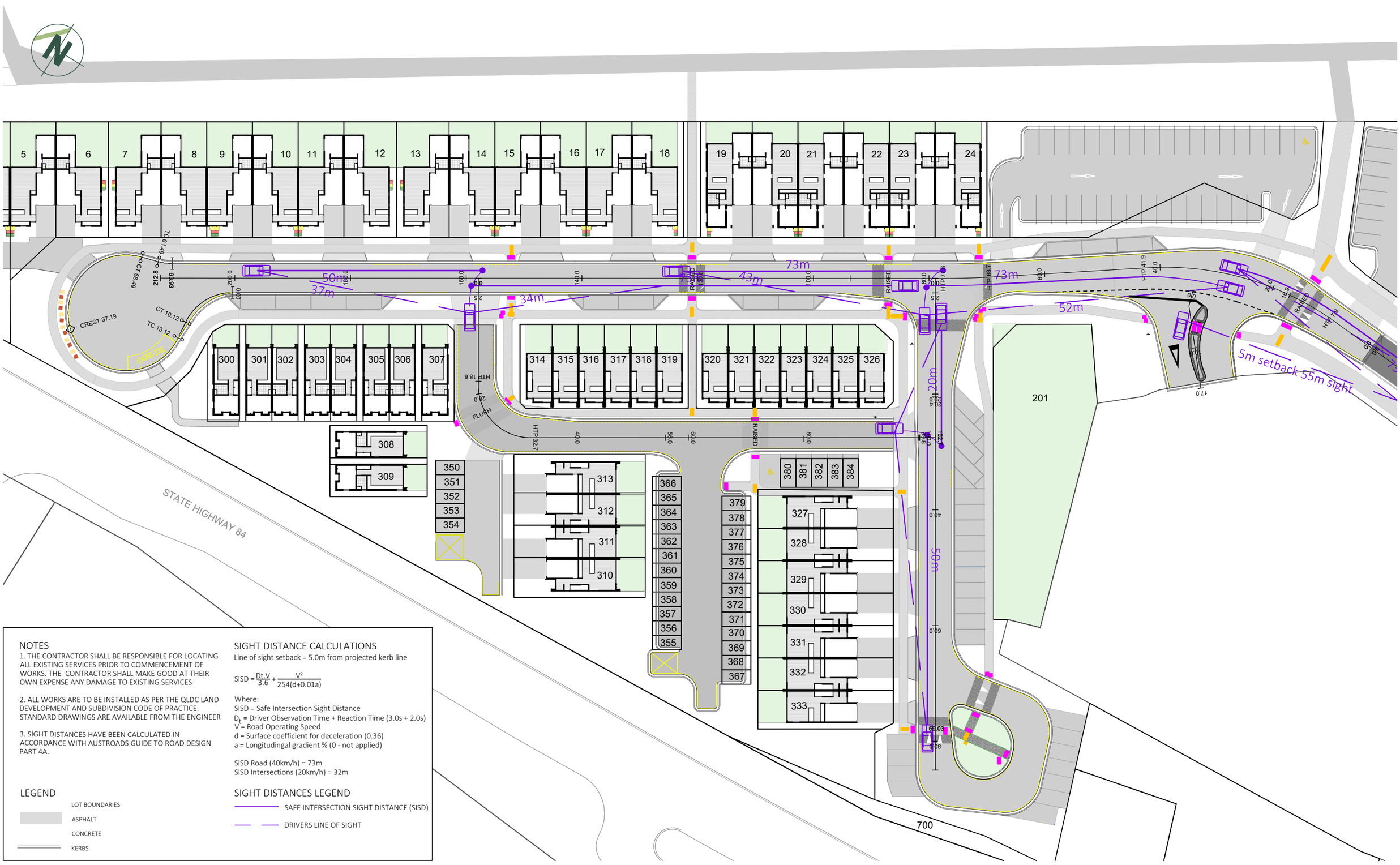
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED LIDAR
DESIGNED PHJ
DRAWN SS
REVIEWED AH
APPROVED DLW

© Paterson Pitts Limited Partnership

PROJECT **P240103**
DRAWING NO **003**
SHEET **330C**
REVISION **4**
SCALE (A3) **1:600**



NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER

3. SIGHT DISTANCES HAVE BEEN CALCULATED IN ACCORDANCE WITH AUSTROADS GUIDE TO ROAD DESIGN PART 4A.

LEGEND

- LOT BOUNDARIES
- ASPHALT
- CONCRETE
- KERBS

SIGHT DISTANCE CALCULATIONS

Line of sight setback = 5.0m from projected kerb line

$$SISD = \frac{D_t.V}{3.6} + \frac{V^2}{254(d+0.01a)}$$

Where:
SISD = Safe Intersection Sight Distance
D_t = Driver Observation Time + Reaction Time (3.0s + 2.0s)
V = Road Operating Speed
d = Surface coefficient for deceleration (0.36)
a = Longitudingal gradient % (0 - not applied)

SISD Road (40km/h) = 73m
SISD Intersections (20km/h) = 32m

SIGHT DISTANCES LEGEND

- SAFE INTERSECTION SIGHT DISTANCE (SISD)
- DRIVERS LINE OF SIGHT

patersons. Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
ROADING SIGHT DISTANCES
SISD 1

DATUM INFORMATION	
COORDINATE SYSTEM	NZGD 2000
	LNIDIS PEAK CIRCUIT
DATUM	NZVD2016
ORIGIN OF COORDINATES	
ORIGIN OF LEVELS	

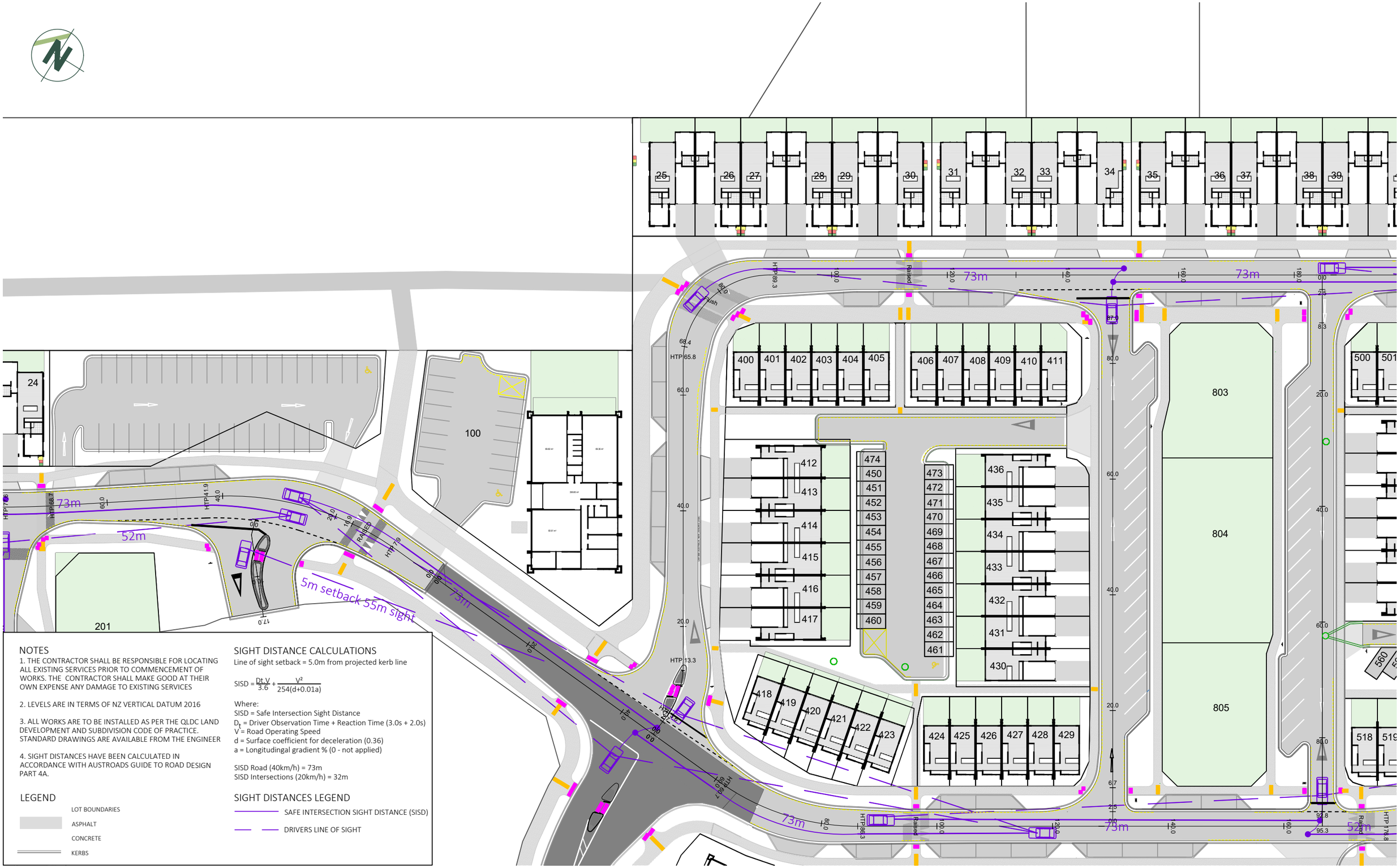
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED	LIDAR
DESIGNED	PHJ
DRAWN	SS
REVIEWED	AH
APPROVED	DLW

© Paterson Pitts Limited Partnership

PROJECT	**P240103**
DRAWING NO	**003**
SHEET	**331A**
REVISION	**4**
SCALE (A3)	**1:600**



NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES

2. LEVELS ARE IN TERMS OF NZ VERTICAL DATUM 2016

3. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER

4. SIGHT DISTANCES HAVE BEEN CALCULATED IN ACCORDANCE WITH AUSTROADS GUIDE TO ROAD DESIGN PART 4A.

LEGEND

- LOT BOUNDARIES
- ASPHALT
- CONCRETE
- KERBS

SIGHT DISTANCE CALCULATIONS

Line of sight setback = 5.0m from projected kerb line

$$SISD = \frac{Dt.V}{3.6} + \frac{V^2}{254(d+0.01a)}$$

Where:
SISD = Safe Intersection Sight Distance
D_t = Driver Observation Time + Reaction Time (3.0s + 2.0s)
V = Road Operating Speed
d = Surface coefficient for deceleration (0.36)
a = Longitudingal gradient % (0 - not applied)

SISD Road (40km/h) = 73m
SISD Intersections (20km/h) = 32m

SIGHT DISTANCES LEGEND

- SAFE INTERSECTION SIGHT DISTANCE (SISD)
- DRIVERS LINE OF SIGHT

patersons. Land Professionals

CLIENT

MT IRON JUNCTION LTD

JUNCTION ROAD, WANAKA

DRAWING TITLE

CONSENT ENGINEERING DESIGN

ROADING SIGHT DISTANCES

SISD 2

DATUM INFORMATION

COORDINATE SYSTEM NZGD 2000
LNIDIS PEAK CIRCUIT
DATUM NZVD2016
ORIGIN OF COORDINATES
ORIGIN OF LEVELS

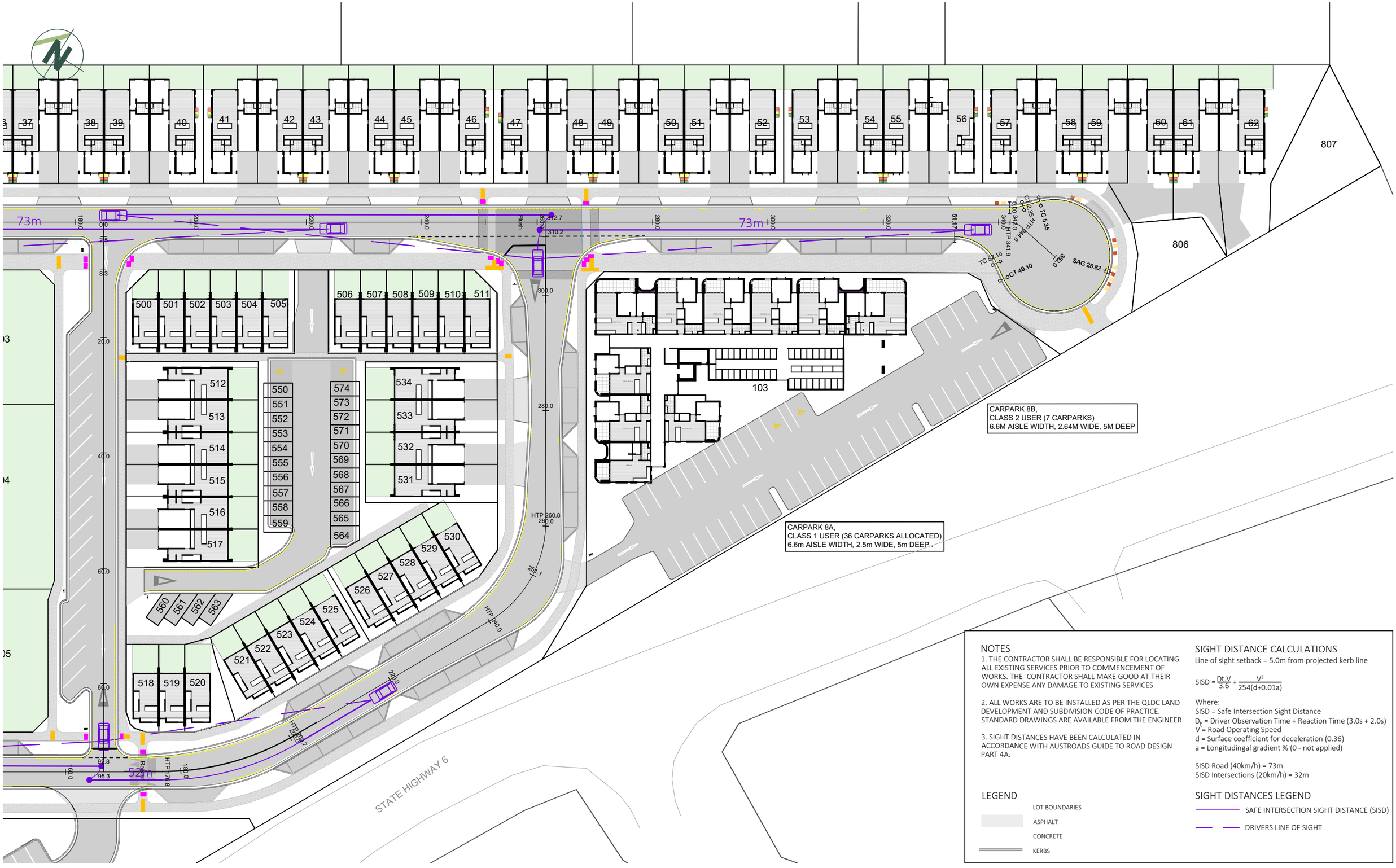
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED	LIDAR
DESIGNED	PHJ
DRAWN	SS
REVIEWED	AH
APPROVED	DLW

© Paterson Pitts Limited Partnership

PROJECT	**P240103**
DRAWING NO	**003**
SHEET	**331B**
REVISION	**4**
SCALE (A3)	**1:600**



NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER

3. SIGHT DISTANCES HAVE BEEN CALCULATED IN ACCORDANCE WITH AUSTROADS GUIDE TO ROAD DESIGN PART 4A.

LEGEND

- LOT BOUNDARIES
- ASPHALT
- CONCRETE
- KERBS

SIGHT DISTANCE CALCULATIONS

Line of sight setback = 5.0m from projected kerb line

$$SISD = \frac{D_t V}{3.6} + \frac{V^2}{254(d+0.01a)}$$

Where:
SISD = Safe Intersection Sight Distance
D_t = Driver Observation Time + Reaction Time (3.0s + 2.0s)
V = Road Operating Speed
d = Surface coefficient for deceleration (0.36)
a = Longitudinal gradient % (0 - not applied)

SISD Road (40km/h) = 73m
SISD Intersections (20km/h) = 32m

SIGHT DISTANCES LEGEND

- SAFE INTERSECTION SIGHT DISTANCE (SISD)
- DRIVERS LINE OF SIGHT

patersons. Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
ROADING SIGHT DISTANCES
SISD 3

DATUM INFORMATION
COORDINATE SYSTEM NZGD 2000
LNIDIS PEAK CIRCUIT
DATUM NZVD2016
ORIGIN OF COORDINATES
ORIGIN OF LEVELS

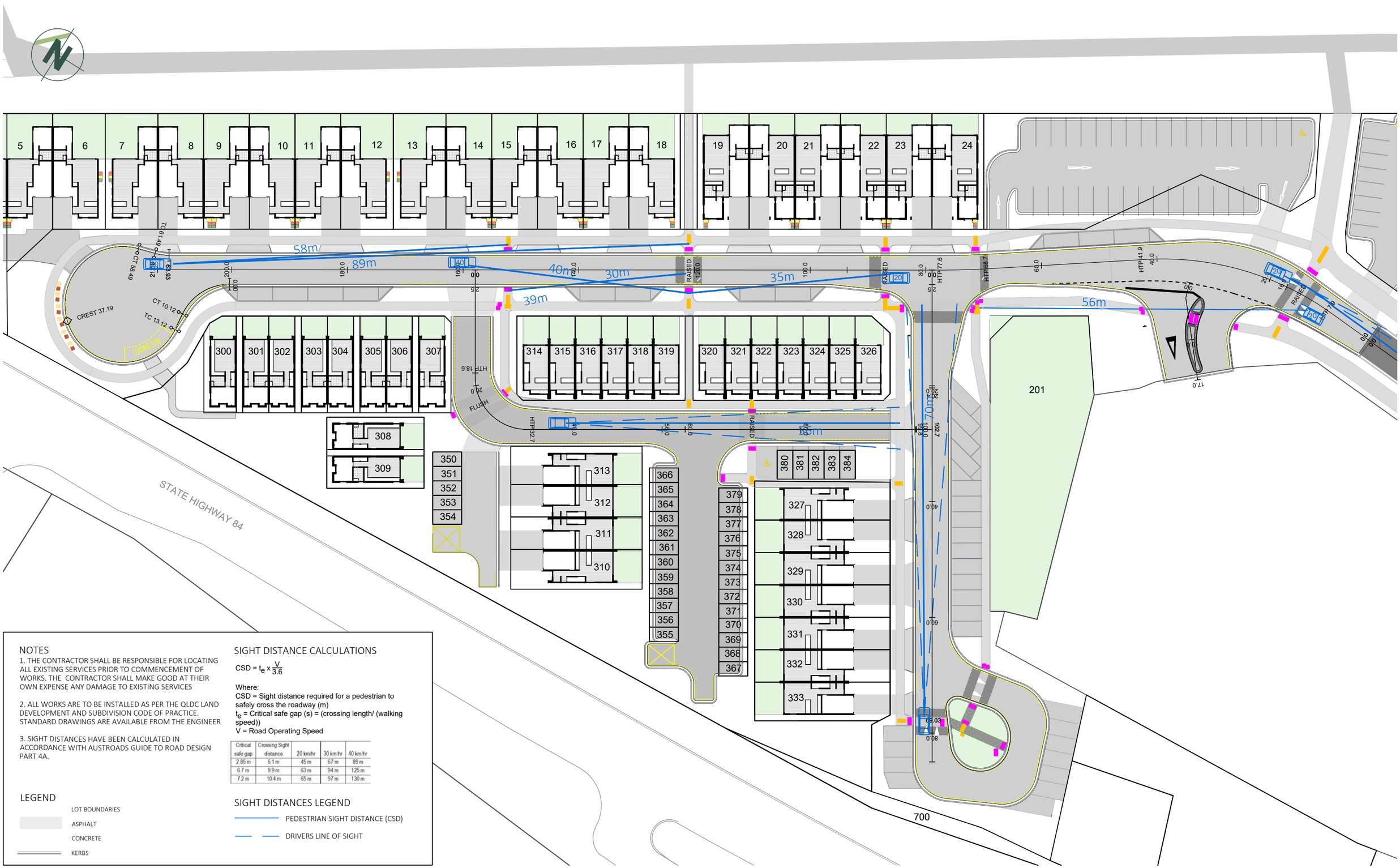
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED LIDAR
DESIGNED PHJ
DRAWN SS
REVIEWED AH
APPROVED DLW

© Paterson Pitts Limited Partnership

PROJECT **P240103**
DRAWING NO **003**
SHEET **331C**
REVISION **4**
SCALE (A3) **1:600**



NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER

3. SIGHT DISTANCES HAVE BEEN CALCULATED IN ACCORDANCE WITH AUSTROADS GUIDE TO ROAD DESIGN PART 4A.

LEGEND

- LOT BOUNDARIES
- ASPHALT
- CONCRETE
- KERBS

SIGHT DISTANCE CALCULATIONS

$CSD = t_e \times \frac{V}{3.6}$

Where:
CSD = Sight distance required for a pedestrian to safely cross the roadway (m)
t_e = Critical safe gap (s) = (crossing length/ (walking speed))
V = Road Operating Speed

Critical safe gap	Crossing Sight distance	20 km/hr	30 km/hr	40 km/hr
2.85 m	6.1 m	45 m	67 m	89 m
6.7 m	9.9 m	63 m	94 m	125 m
7.2 m	10.4 m	65 m	97 m	130 m

SIGHT DISTANCES LEGEND

- PEDESTRIAN SIGHT DISTANCE (CSD)
- DRIVERS LINE OF SIGHT

patersons. Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD
WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
ROADING SIGHT DISTANCES
CSD 1

DATUM INFORMATION
COORDINATE SYSTEM NZGD 2000
LNIDIS PEAK CIRCUIT
DATUM NZVD2016
ORIGIN OF COORDINATES
ORIGIN OF LEVELS

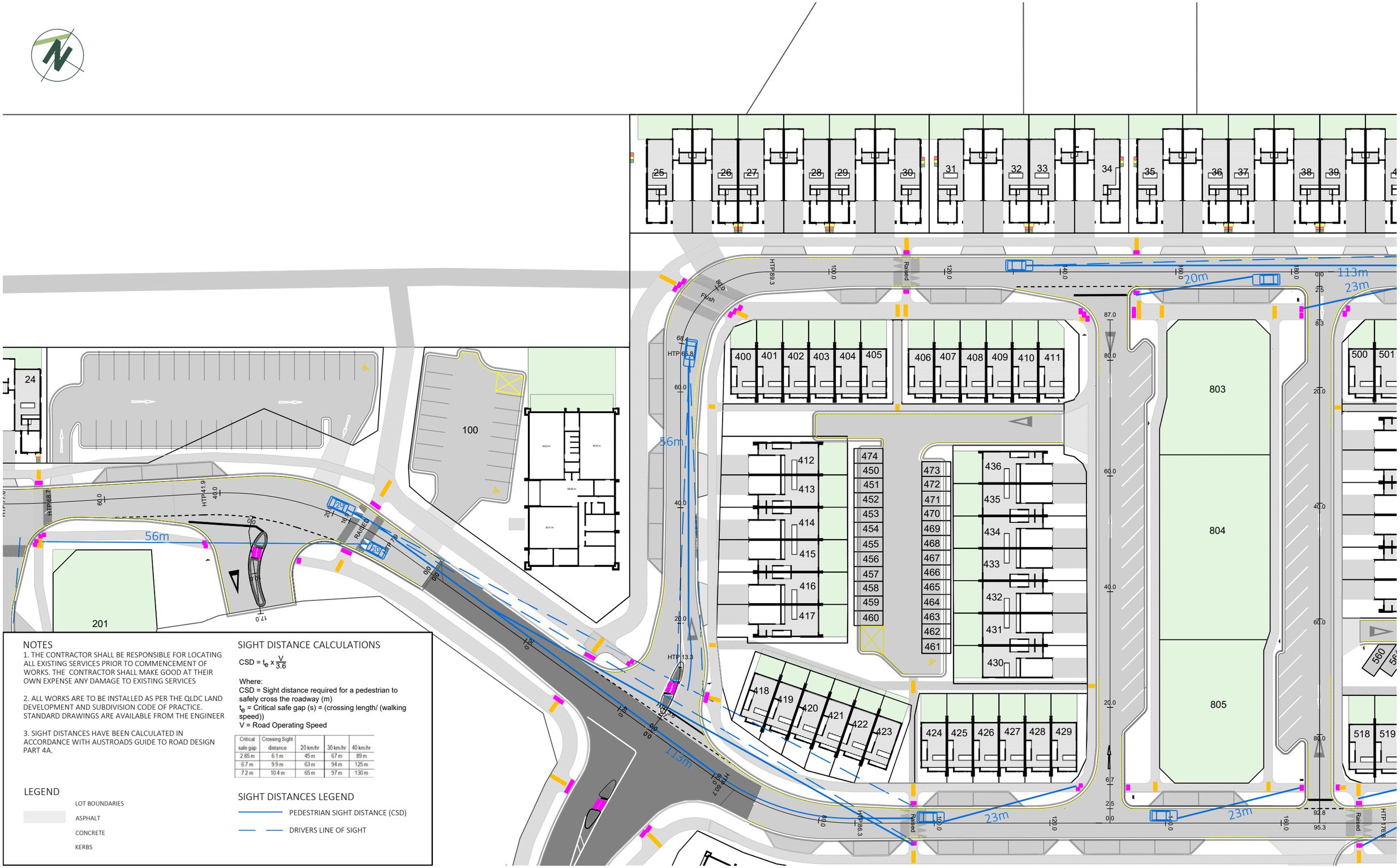
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED LIDAR
DESIGNED PHJ
DRAWN SS
REVIEWED AH
APPROVED DLW

© Paterson Pitts Limited Partnership

PROJECT **P240103**
DRAWING NO **003**
SHEET **332A**
REVISION **4**
SCALE (A3) **1:600**



NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER

3. SIGHT DISTANCES HAVE BEEN CALCULATED IN ACCORDANCE WITH AUSTROADS GUIDE TO ROAD DESIGN PART 4A.

LEGEND

- LOT BOUNDARIES
- ASPHALT
- CONCRETE
- KERBS

SIGHT DISTANCE CALCULATIONS

$CSD = t_e \times \frac{V}{3.6}$

Where:
CSD = Sight distance required for a pedestrian to safely cross the roadway (m)
t_e = Critical safe gap (s) = (crossing length/ (walking speed))
V = Road Operating Speed

Critical safe gap	Crossing Sight distance	20 km/hr	30 km/hr	40 km/hr
2.85 m	6.1 m	45 m	67 m	89 m
6.7 m	9.9 m	63 m	94 m	125 m
7.2 m	10.4 m	65 m	97 m	130 m

SIGHT DISTANCES LEGEND

- PEDESTRIAN SIGHT DISTANCE (CSD)
- DRIVERS LINE OF SIGHT

patersons. Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
ROADING SIGHT DISTANCES
CSD 2

DATUM INFORMATION
COORDINATE SYSTEM NZGD 2000
LNIDIS PEAK CIRCUIT
DATUM NZVD2016
ORIGIN OF COORDINATES
ORIGIN OF LEVELS

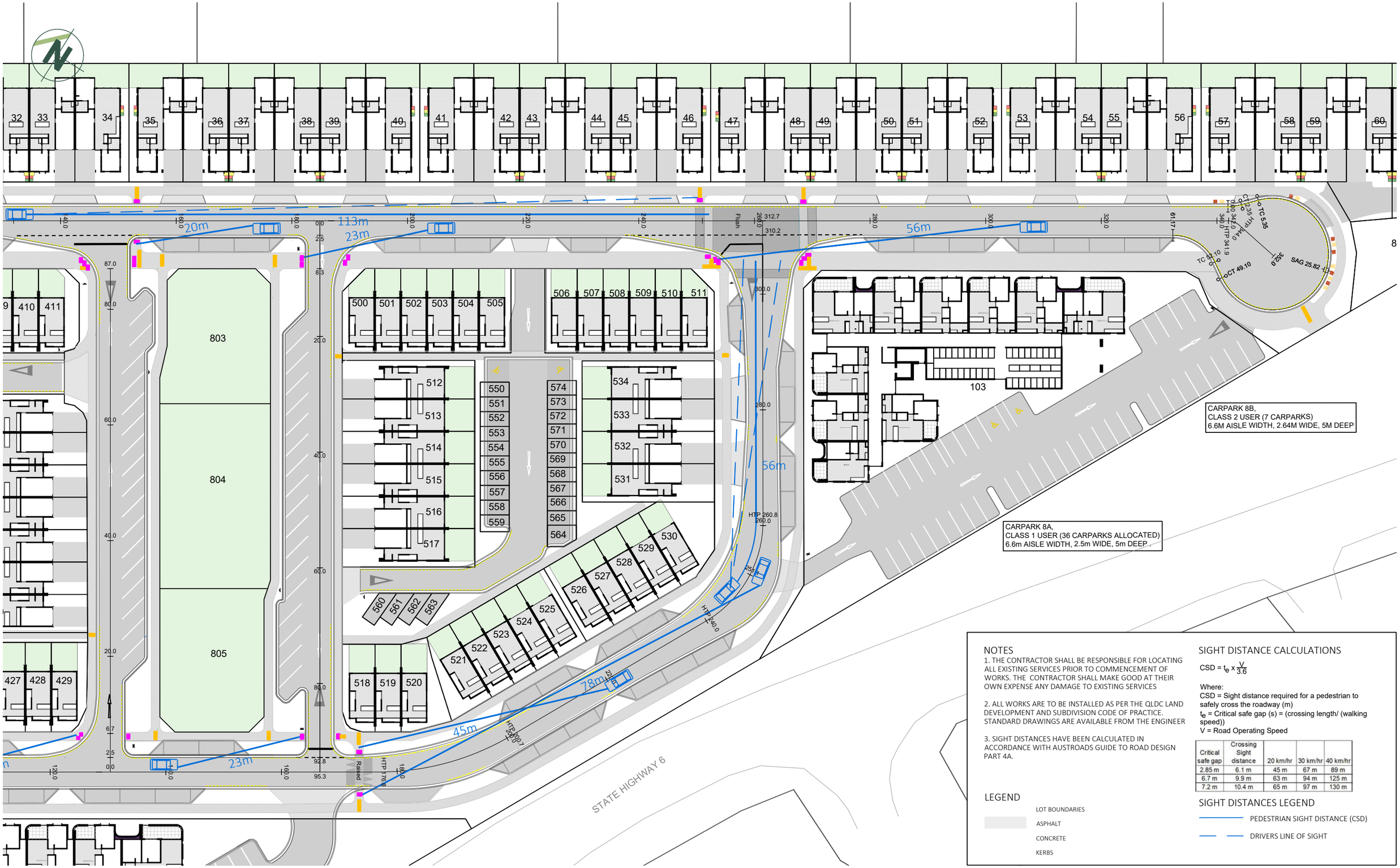
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED LIDAR
DESIGNED PHJ
DRAWN SS
REVIEWED AH
APPROVED DLW

© Paterson Pitts Limited Partnership

PROJECT **P240103**
DRAWING NO **003**
SHEET **332B**
REVISION **4**
SCALE (A3) **1:600**



NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER

3. SIGHT DISTANCES HAVE BEEN CALCULATED IN ACCORDANCE WITH AUSTROADS GUIDE TO ROAD DESIGN PART 4A.

LEGEND

- LOT BOUNDARIES
- ASPHALT
- CONCRETE
- KERBS

SIGHT DISTANCE CALCULATIONS

$$CSD = t_e \times \frac{V}{3.6}$$

Where:
CSD = Sight distance required for a pedestrian to safely cross the roadway (m)
t_e = Critical safe gap (s) = (crossing length/ (walking speed))
V = Road Operating Speed

Critical safe gap	Crossing Sight distance	20 km/hr	30 km/hr	40 km/hr
2.85 m	6.1 m	45 m	67 m	89 m
6.7 m	9.9 m	63 m	94 m	125 m
7.2 m	10.4 m	65 m	97 m	130 m

SIGHT DISTANCES LEGEND

- PEDESTRIAN SIGHT DISTANCE (CSD)
- DRIVERS LINE OF SIGHT

patersons. Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
ROADING SIGHT DISTANCES
CSD 3

DATUM INFORMATION
COORDINATE SYSTEM NZGD 2000 LNIDIS PEAK CIRCUIT
DATUM NZVD2016
ORIGIN OF COORDINATES
ORIGIN OF LEVELS

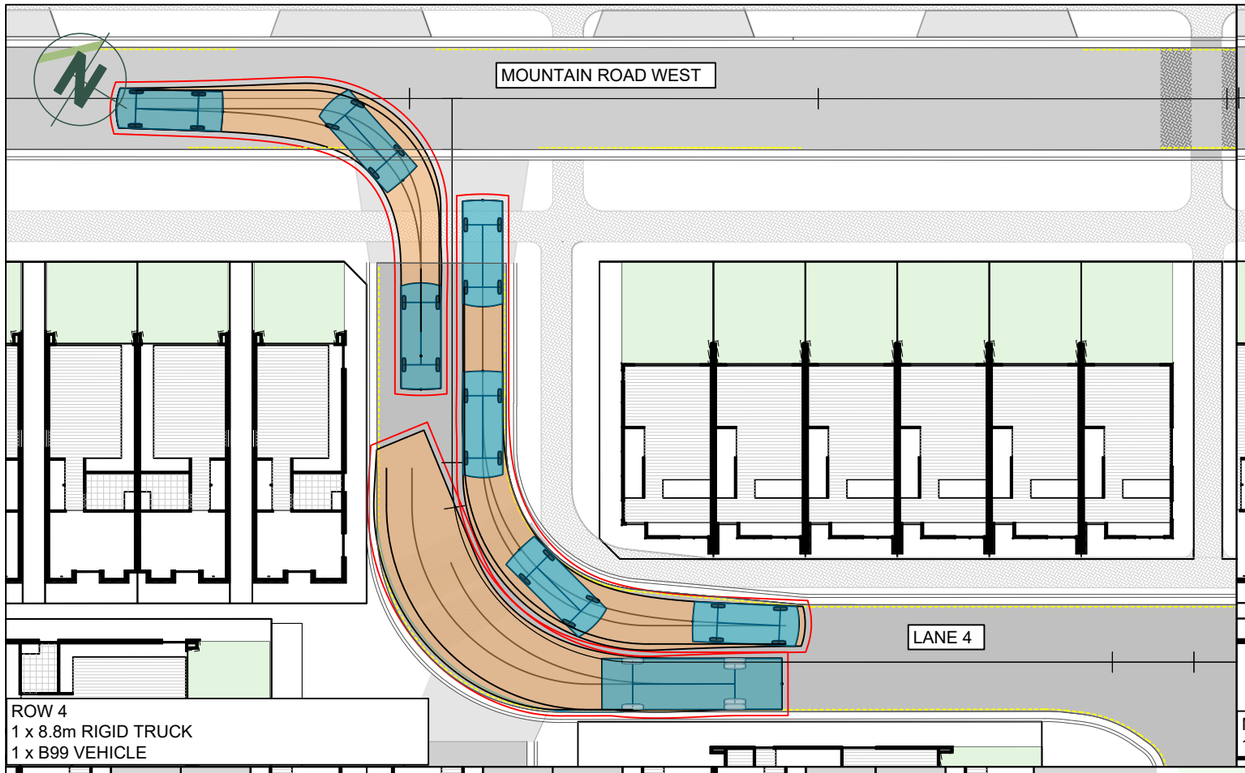
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

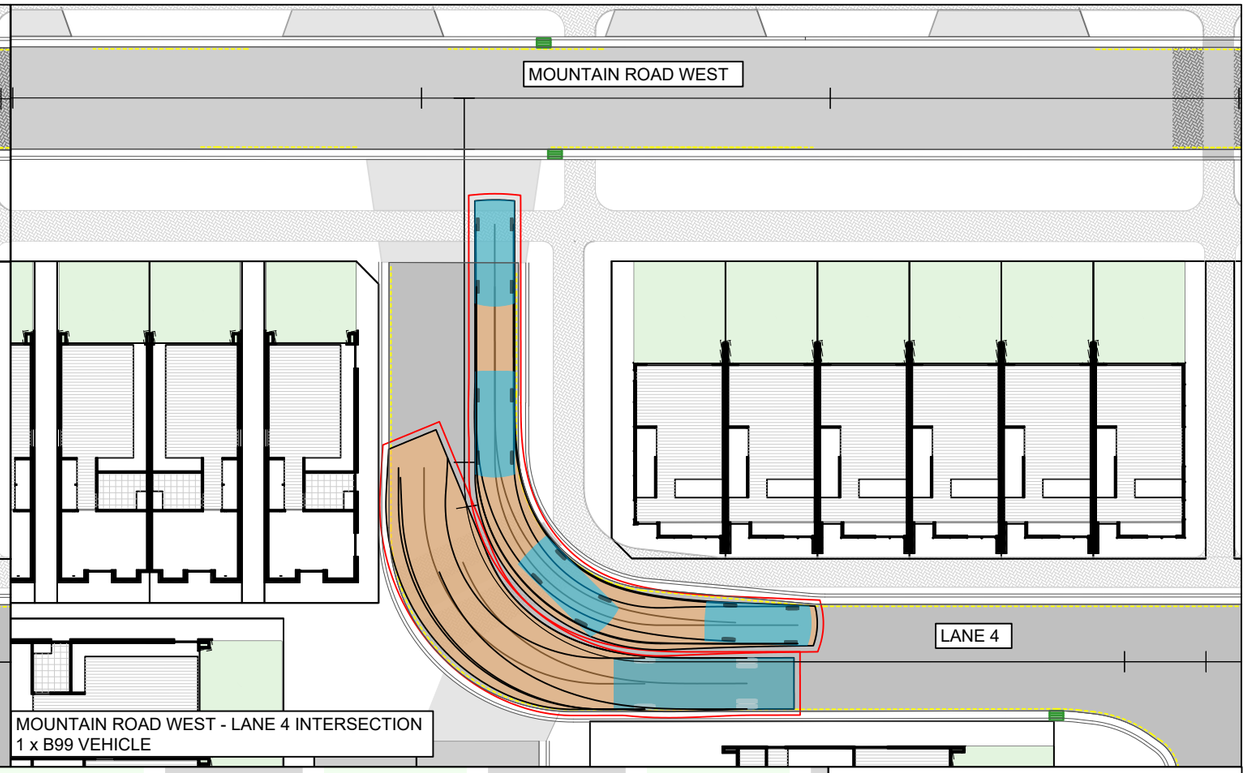
STATUS **FOR RESOURCE CONSENT**

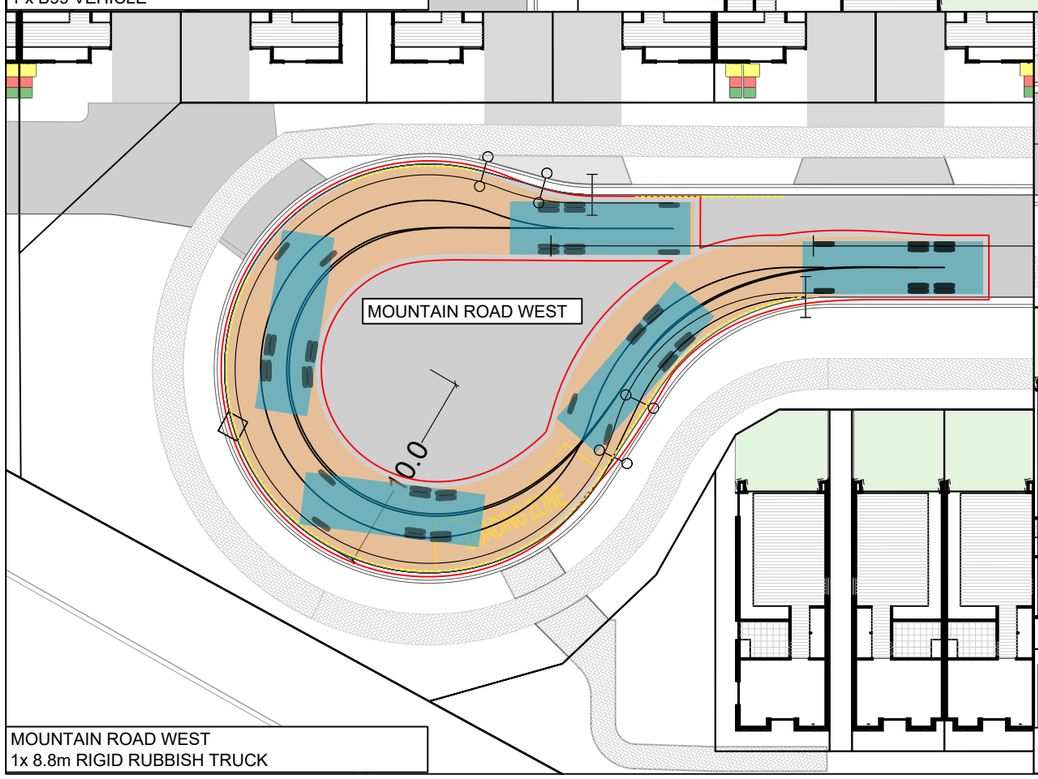
SURVEYED LIDAR
DESIGNED PHJ
DRAWN SS
REVIEWED AH
APPROVED DLW

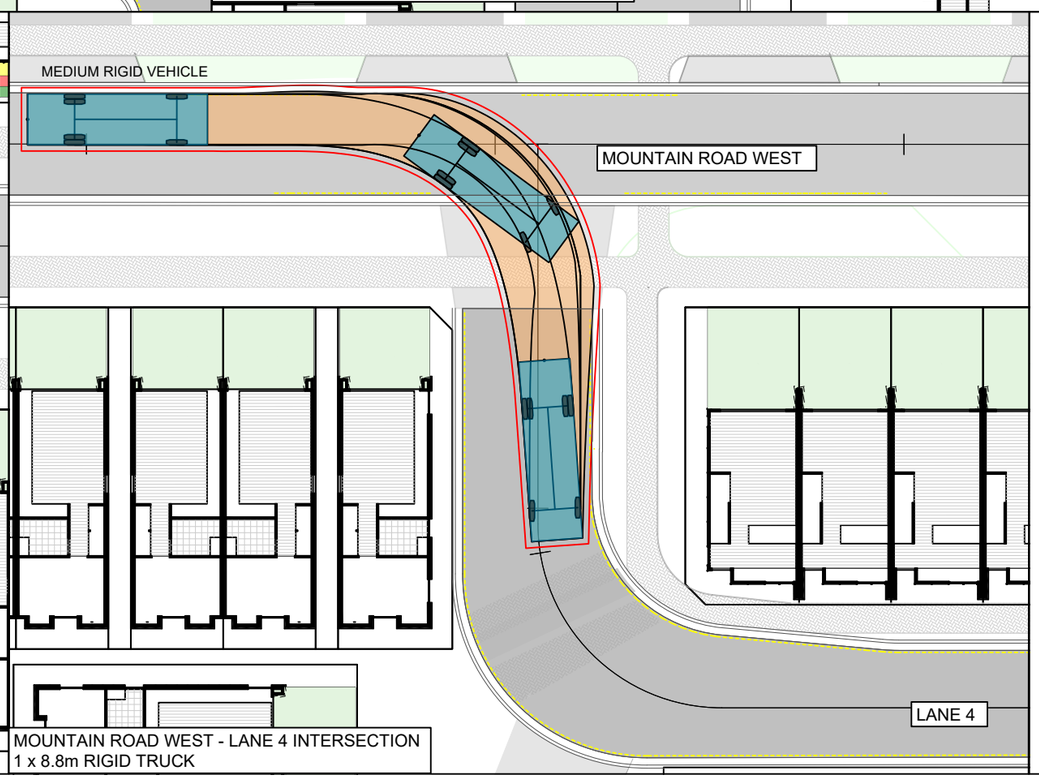
© Paterson Pitts Limited Partnership

PROJECT **P240103**
DRAWING NO **003**
SHEET **332C**
REVISION **4**
SCALE (A3) **1:600**









NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER.

3. ALL KERBS ARE No.1 PROFILE UNLESS OTHERWISE SHOWN.

ROADING LEGEND

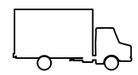
- ASPHALT SURFACE
- LOT BOUNDARIES
- EASEMENT
- KERBS

CAR B85



OVERALL LENGTH	4.91m
OVERALL WIDTH	1.87m
TURNING RADIUS	5.75m

MEDIUM RIGID TRUCK



OVERALL LENGTH	8.80m
OVERALL WIDTH	2.50m
TURNING RADIUS	10.0m

patersons. Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
VEHICLE TRACKING

DATUM INFORMATION	
COORDINATE SYSTEM	NZGD 2000
	LINDIS PEAK CIRCUIT
DATUM	NZVD 2016
ORIGIN OF COORDINATES	
ORIGIN OF LEVELS	

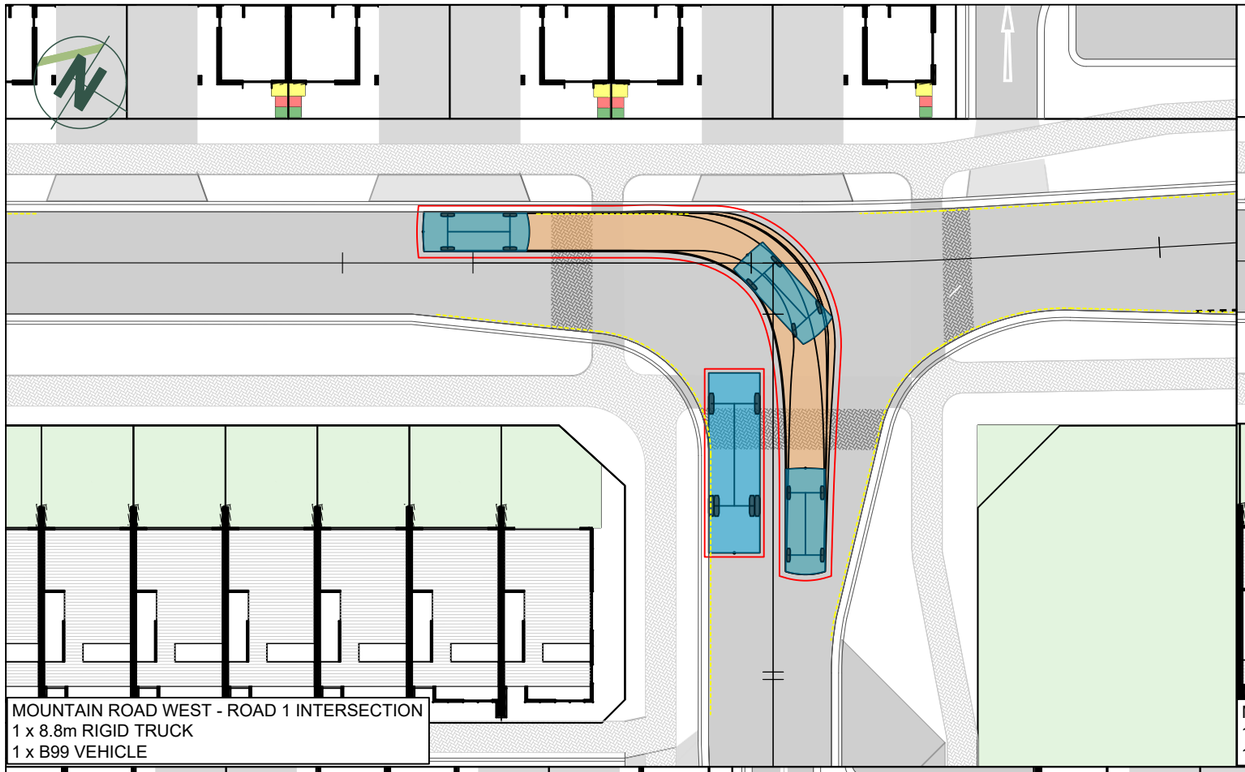
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

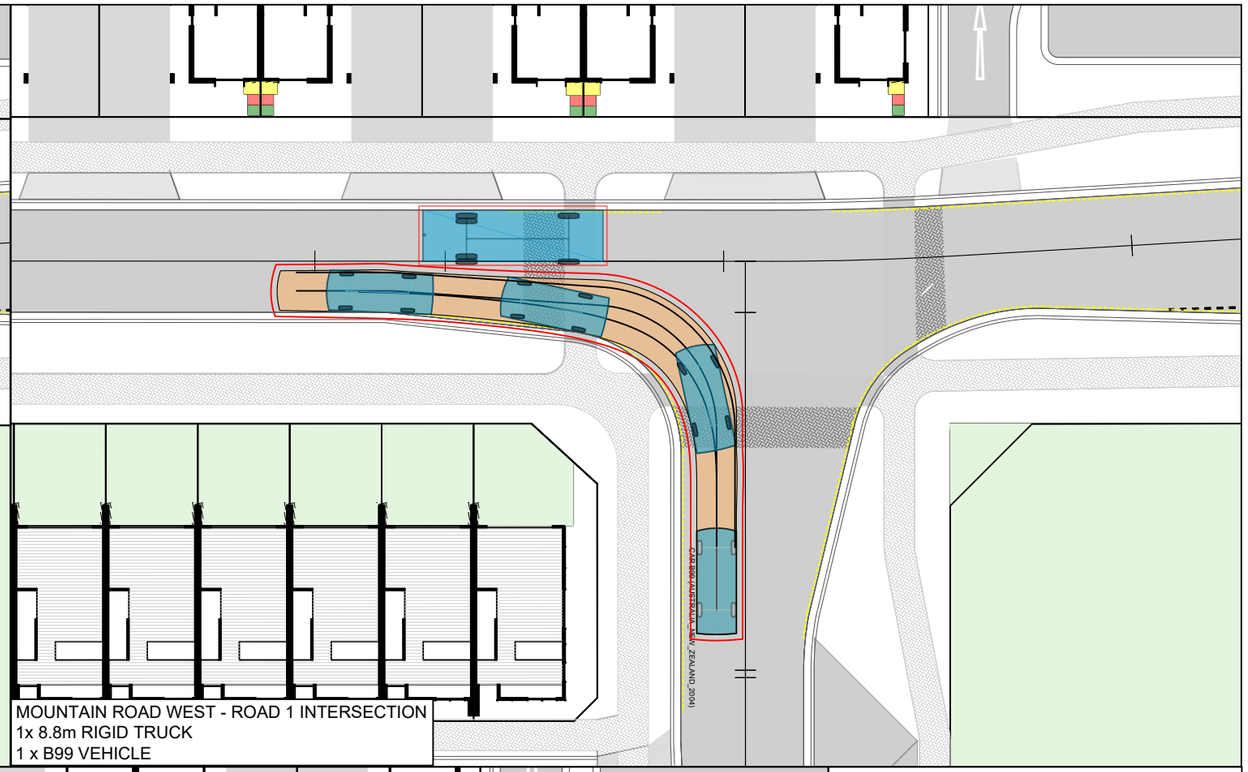
STATUS **FOR RESOURCE CONSENT**

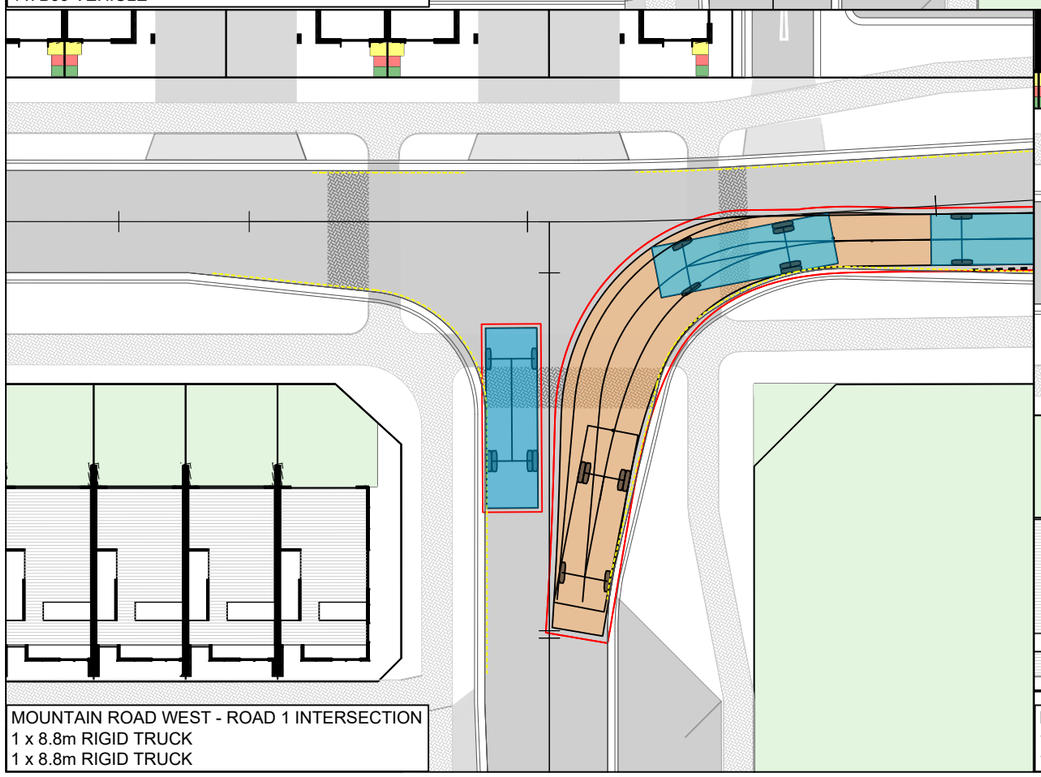
SURVEYED	LIDAR
DESIGNED	PHJ
DRAWN	SS
REVIEWED	AH
APPROVED	DLW

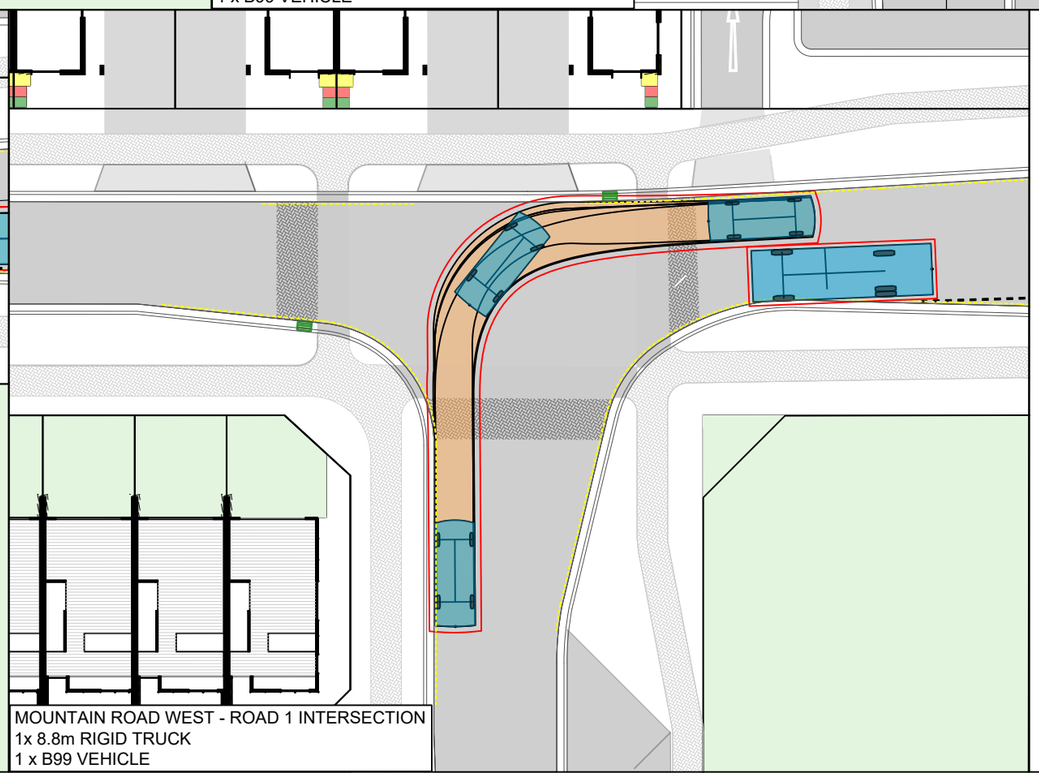
© Paterson Pitts Limited Partnership

PROJECT	**P240103**
DRAWING NO	**003**
SHEET	**340**
REVISION	**4**
SCALE (A3)	**1:300**









NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER.

3. ALL KERBS ARE No.1 PROFILE UNLESS OTHERWISE SHOWN.

ROADING LEGEND

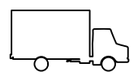
- ASPHALT SURFACE
- LOT BOUNDARIES
- EASEMENT
- KERBS

CAR B85



OVERALL LENGTH	4.91m
OVERALL WIDTH	1.87m
TURNING RADIUS	5.75m

MEDIUM RIGID TRUCK



OVERALL LENGTH	8.80m
OVERALL WIDTH	2.50m
TURNING RADIUS	10.0m

patersons.
Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
VEHICLE TRACKING

DATUM INFORMATION	
COORDINATE SYSTEM	NZGD 2000
	LINDIS PEAK CIRCUIT
DATUM	NZVD 2016
ORIGIN OF COORDINATES	
ORIGIN OF LEVELS	

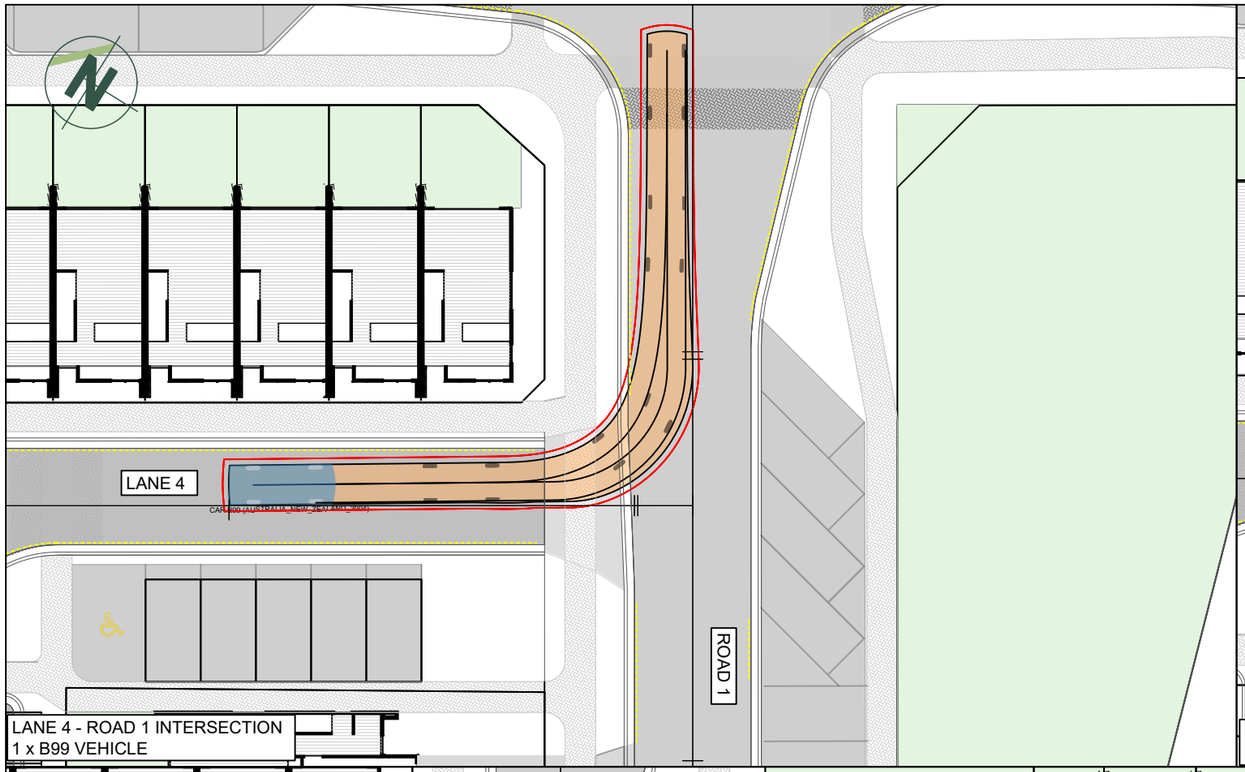
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

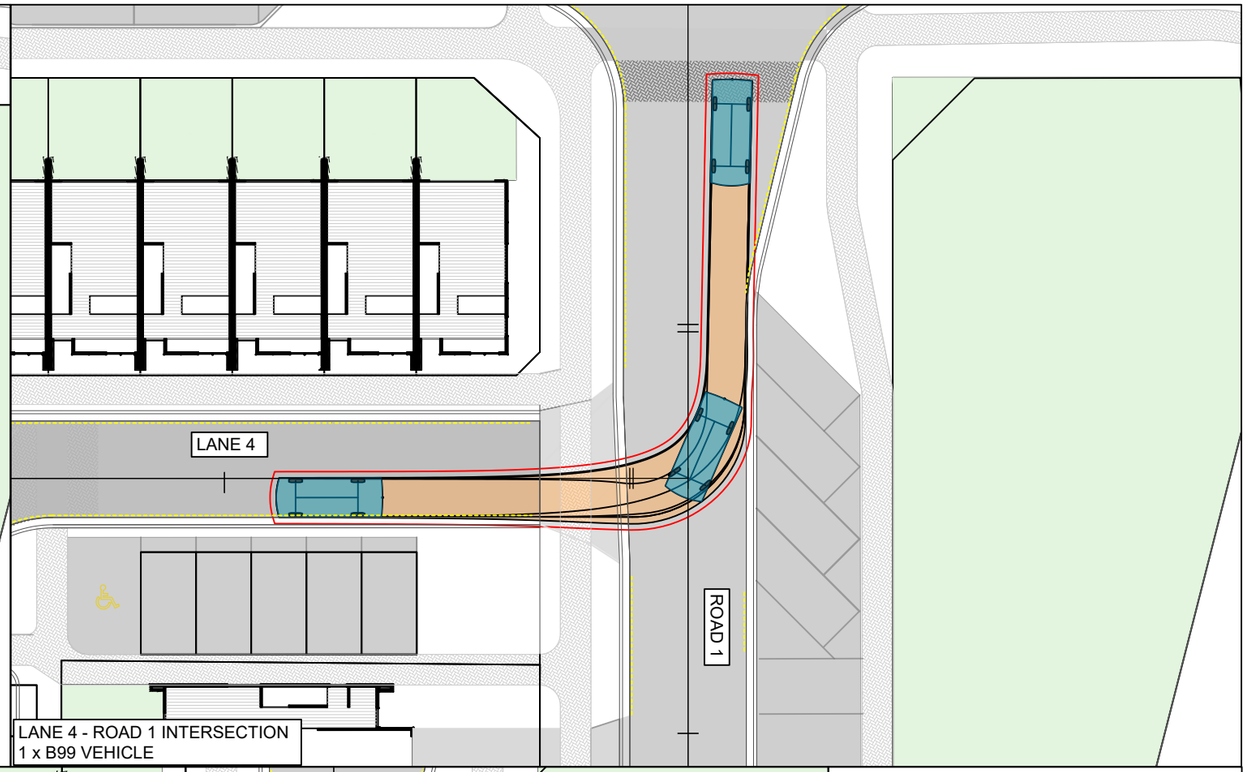
STATUS **FOR RESOURCE CONSENT**

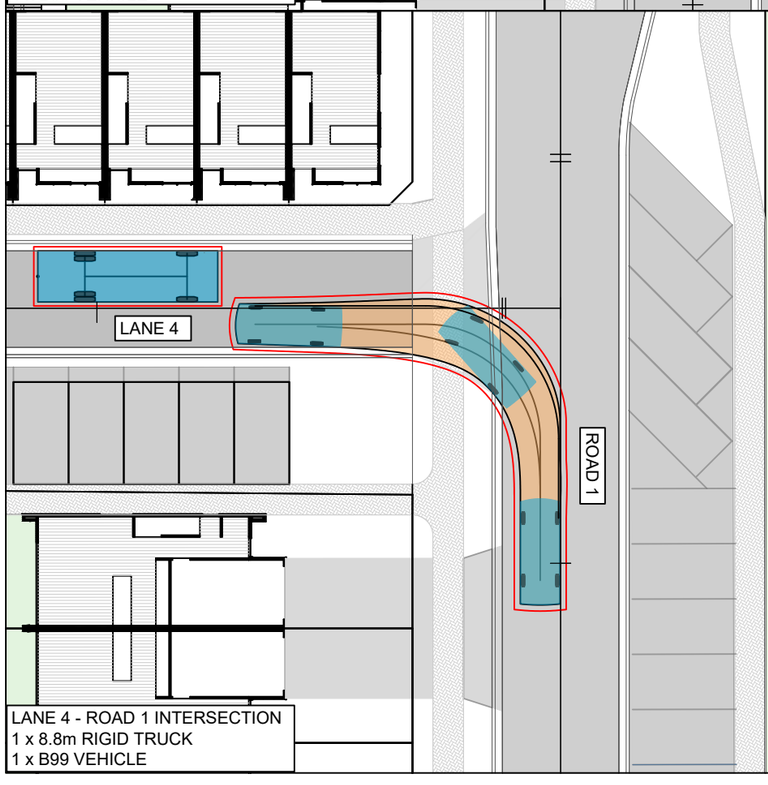
SURVEYED	LIDAR
DESIGNED	PHJ
DRAWN	SS
REVIEWED	AH
APPROVED	DLW

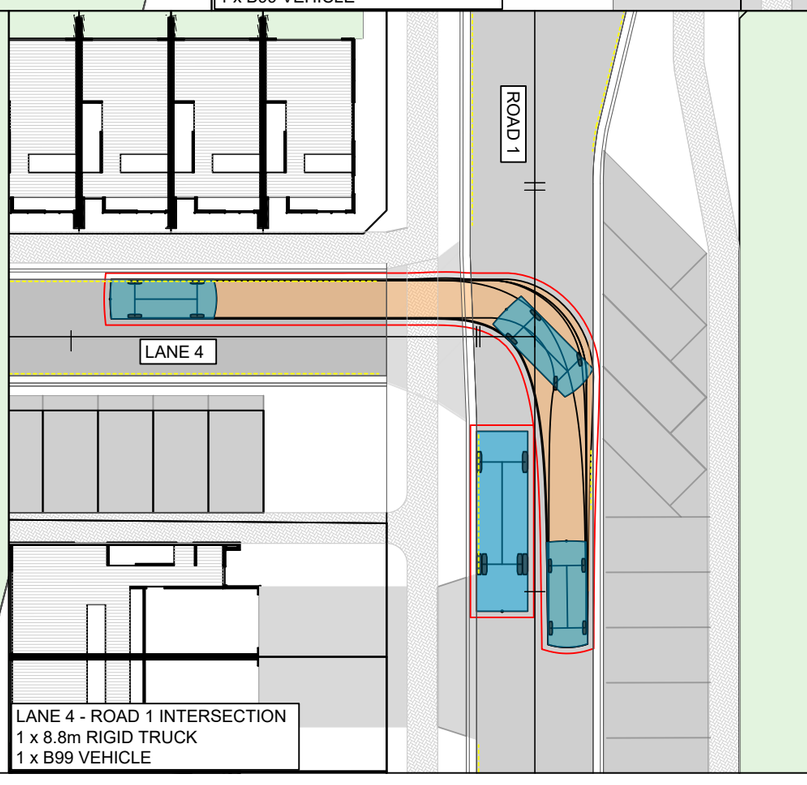
© Paterson Pitts Limited Partnership

PROJECT	**P240103**
DRAWING NO	**003**
SHEET	**341**
REVISION	**4**
SCALE (A3)	**1:300**









NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER.

3. ALL KERBS ARE No.1 PROFILE UNLESS OTHERWISE SHOWN.

ROADING LEGEND

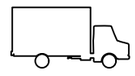
- ASPHALT SURFACE
- LOT BOUNDARIES
- EASEMENT
- KERBS

CAR B85



OVERALL LENGTH	4.91m
OVERALL WIDTH	1.87m
TURNING RADIUS	5.75m

MEDIUM RIGID TRUCK



OVERALL LENGTH	8.80m
OVERALL WIDTH	2.50m
TURNING RADIUS	10.0m

patersons.
Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
VEHICLE TRACKING

DATUM INFORMATION
COORDINATE SYSTEM NZGD 2000
LINDIS PEAK CIRCUIT
DATUM NZVD 2016
ORIGIN OF COORDINATES
ORIGIN OF LEVELS

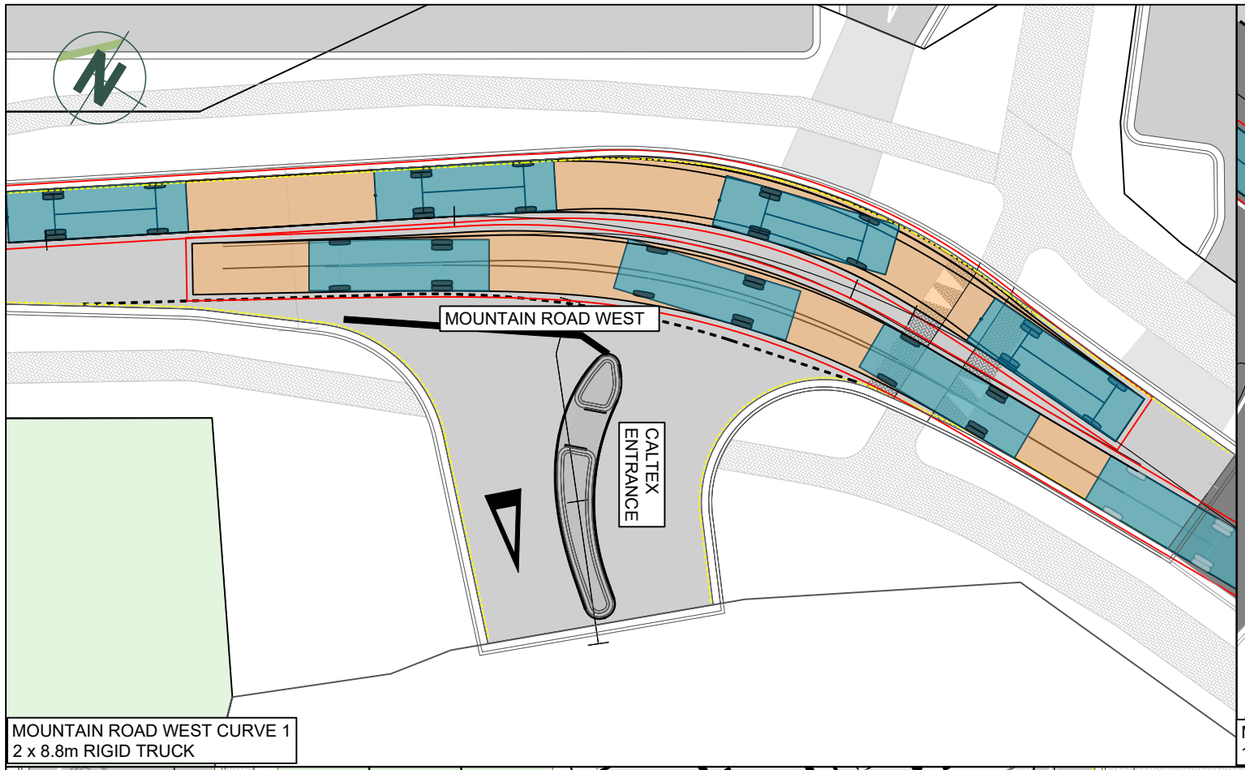
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

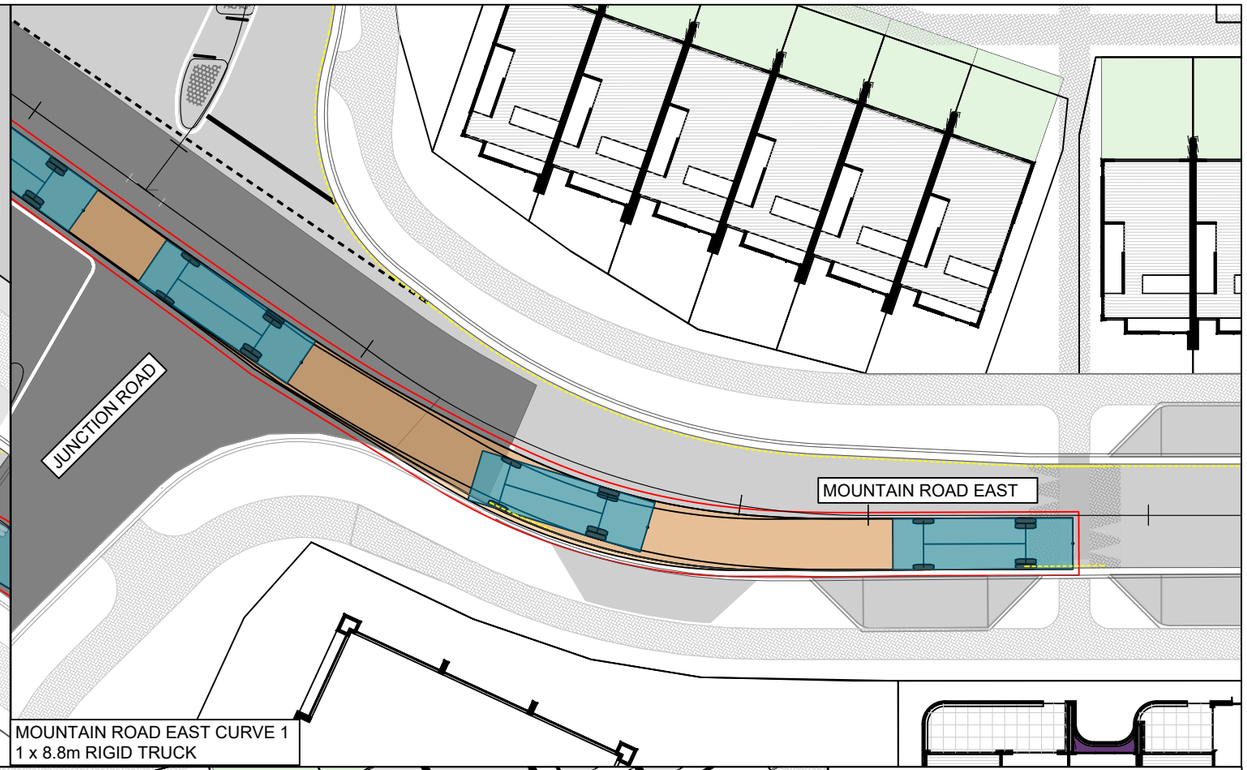
SURVEYED	LIDAR
DESIGNED	PHJ
DRAWN	SS
REVIEWED	AH
APPROVED	DLW

© Paterson Pitts Limited Partnership

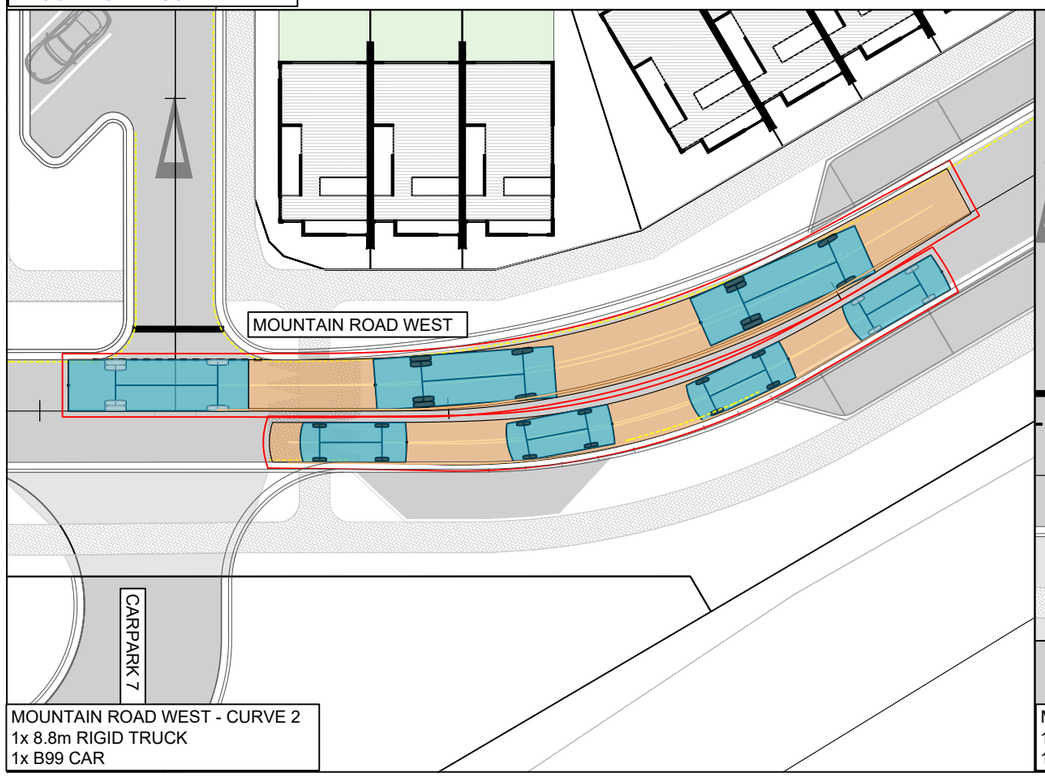
PROJECT	**P240103**
DRAWING NO	**003**
SHEET	**342**
REVISION	**4**
SCALE (A3)	**1:300**



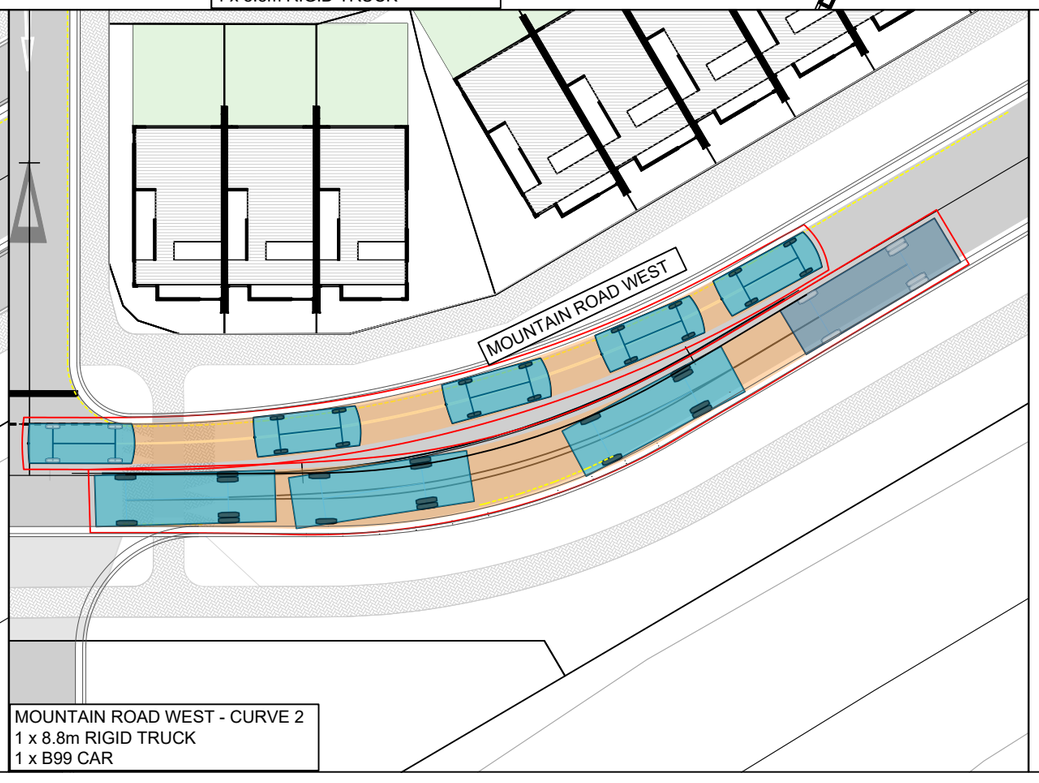
MOUNTAIN ROAD WEST CURVE 1
2 x 8.8m RIGID TRUCK



MOUNTAIN ROAD EAST CURVE 1
1 x 8.8m RIGID TRUCK



MOUNTAIN ROAD WEST - CURVE 2
1x 8.8m RIGID TRUCK
1x B99 CAR



MOUNTAIN ROAD WEST - CURVE 2
1 x 8.8m RIGID TRUCK
1 x B99 CAR

NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER.

3. ALL KERBS ARE No.1 PROFILE UNLESS OTHERWISE SHOWN.

ROADING LEGEND

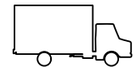
- ASPHALT SURFACE
- LOT BOUNDARIES
- EASEMENT
- KERBS

CAR B85



OVERALL LENGTH	4.91m
OVERALL WIDTH	1.87m
TURNING RADIUS	5.75m

MEDIUM RIGID TRUCK



OVERALL LENGTH	8.80m
OVERALL WIDTH	2.50m
TURNING RADIUS	10.0m

patersons.
Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
VEHICLE TRACKING

DATUM INFORMATION	
COORDINATE SYSTEM	NZGD 2000
	LINDIS PEAK CIRCUIT
DATUM	NZVD 2016
ORIGIN OF COORDINATES	
ORIGIN OF LEVELS	

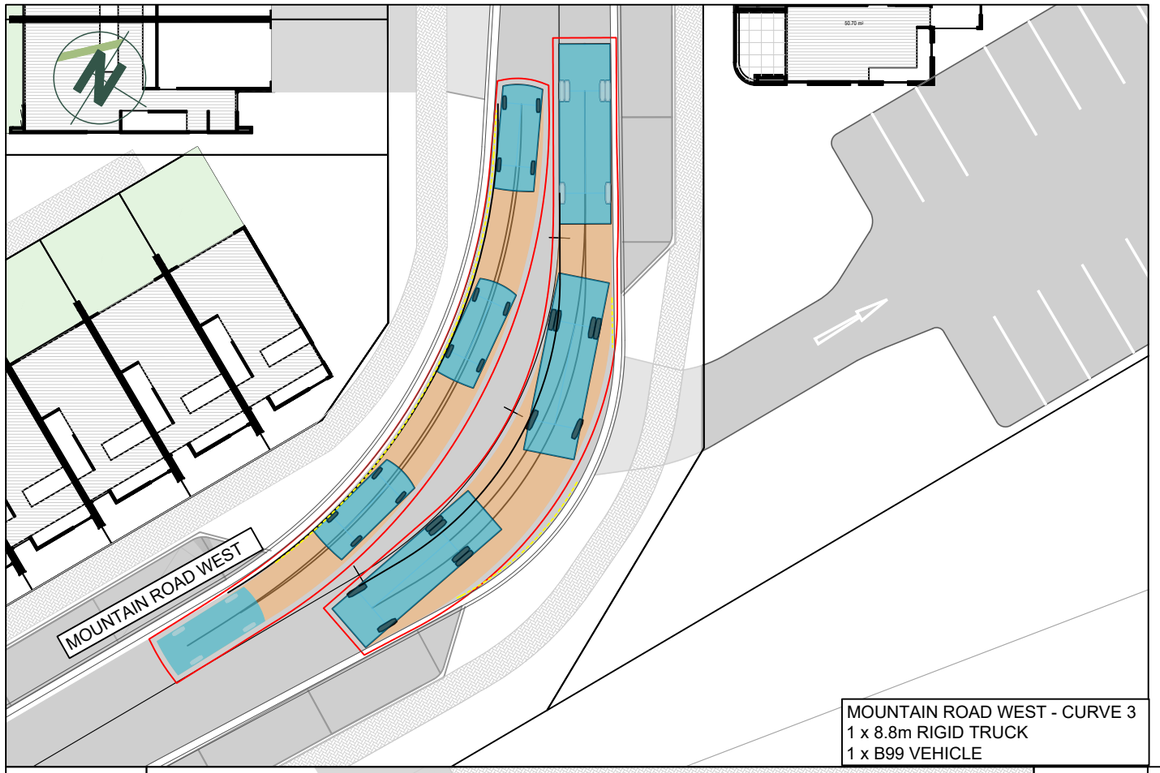
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

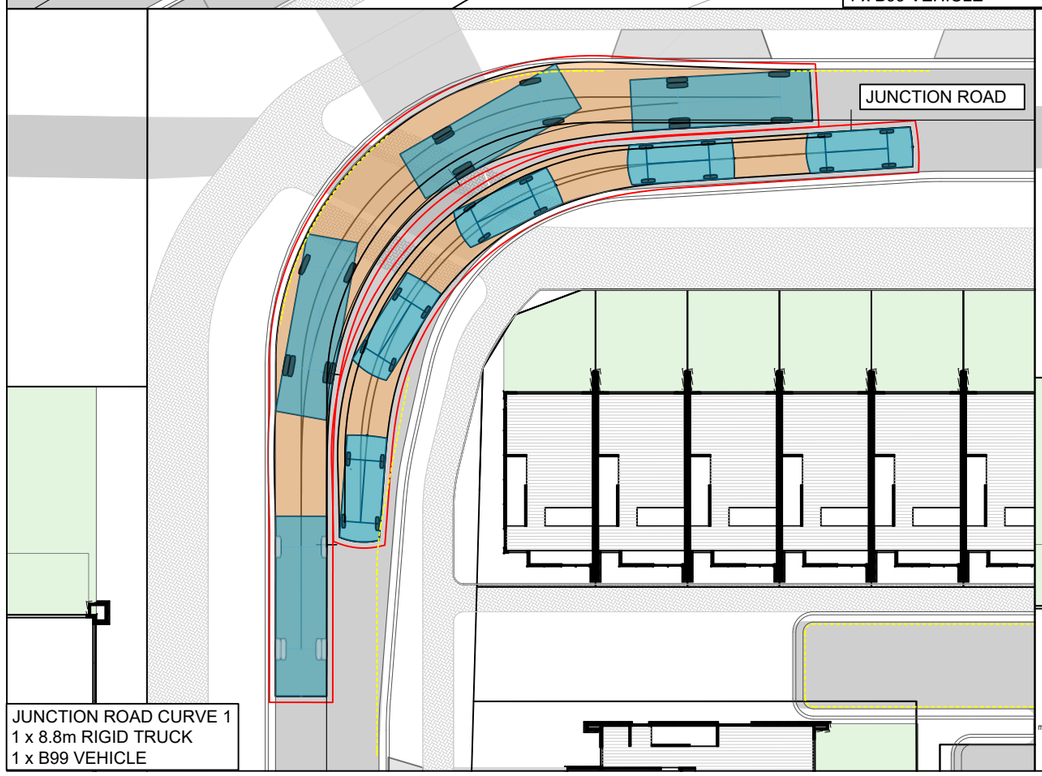
SURVEYED	LIDAR
DESIGNED	PHJ
DRAWN	SS
REVIEWED	AH
APPROVED	DLW

© Paterson Pitts Limited Partnership

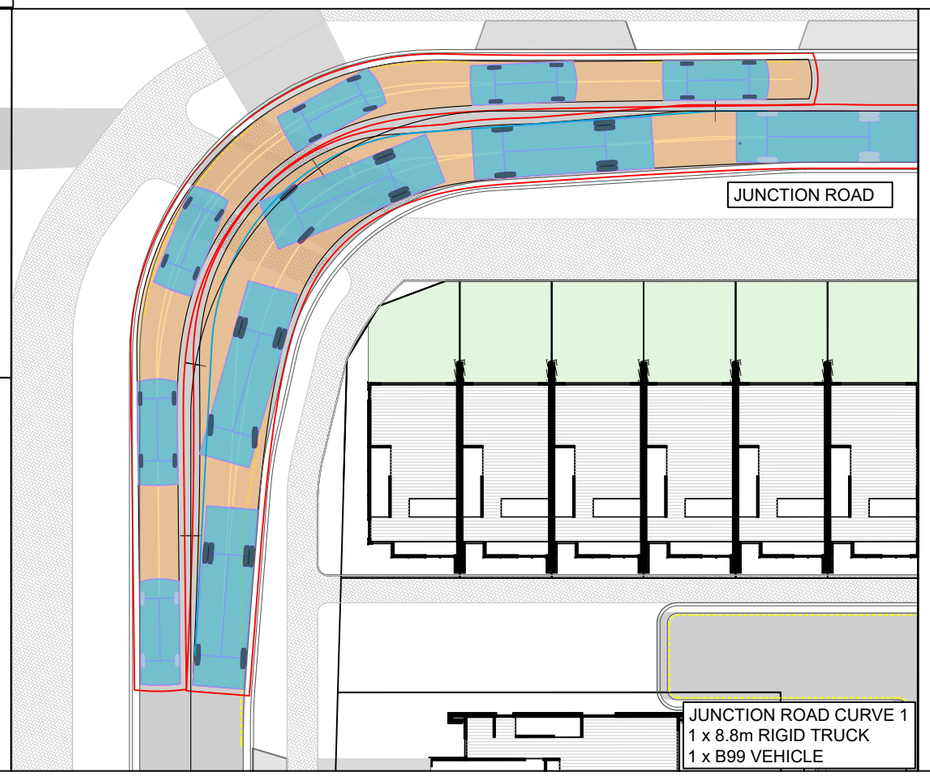
PROJECT	**P240103**
DRAWING NO	**003**
SHEET	**343**
REVISION	**4**
SCALE (A3)	**1:300**



MOUNTAIN ROAD WEST - CURVE 3
1 x 8.8m RIGID TRUCK
1 x B99 VEHICLE



JUNCTION ROAD CURVE 1
1 x 8.8m RIGID TRUCK
1 x B99 VEHICLE



JUNCTION ROAD CURVE 1
1 x 8.8m RIGID TRUCK
1 x B99 VEHICLE

NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER.

3. ALL KERBS ARE No.1 PROFILE UNLESS OTHERWISE SHOWN.

ROADING LEGEND

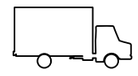
- ASPHALT SURFACE
- LOT BOUNDARIES
- EASEMENT
- KERBS

CAR B85



OVERALL LENGTH	4.91m
OVERALL WIDTH	1.87m
TURNING RADIUS	5.75m

MEDIUM RIGID TRUCK



OVERALL LENGTH	8.80m
OVERALL WIDTH	2.50m
TURNING RADIUS	10.0m

patersons.
Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
VEHICLE TRACKING

DATUM INFORMATION
COORDINATE SYSTEM NZGD 2000
LINDIS PEAK CIRCUIT
DATUM NZVD 2016
ORIGIN OF COORDINATES
ORIGIN OF LEVELS

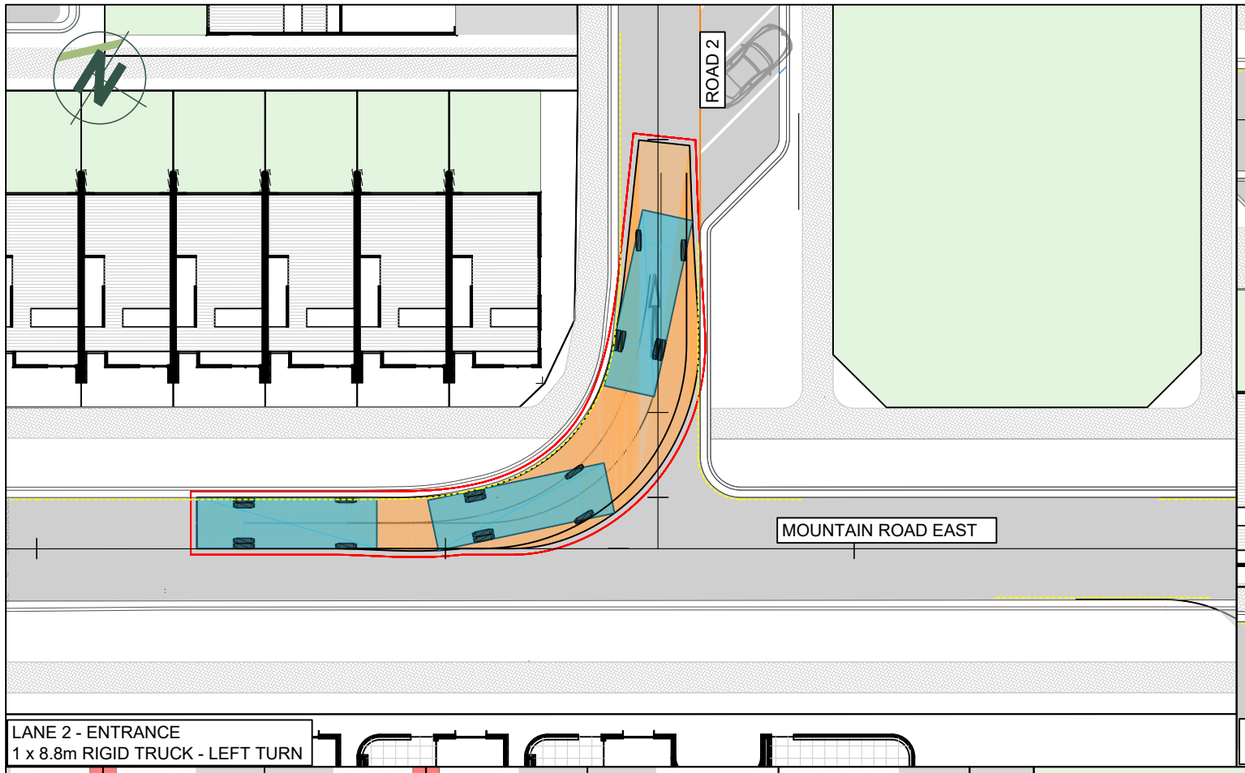
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

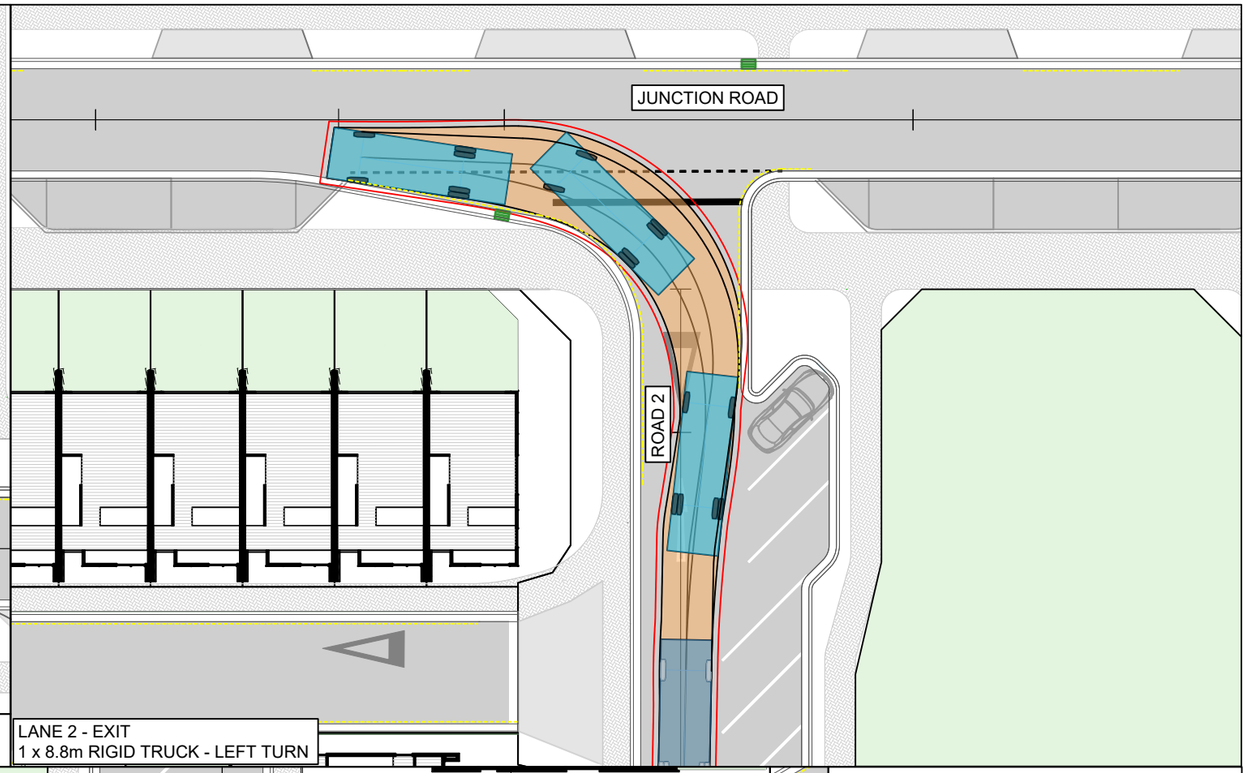
STATUS **FOR RESOURCE CONSENT**

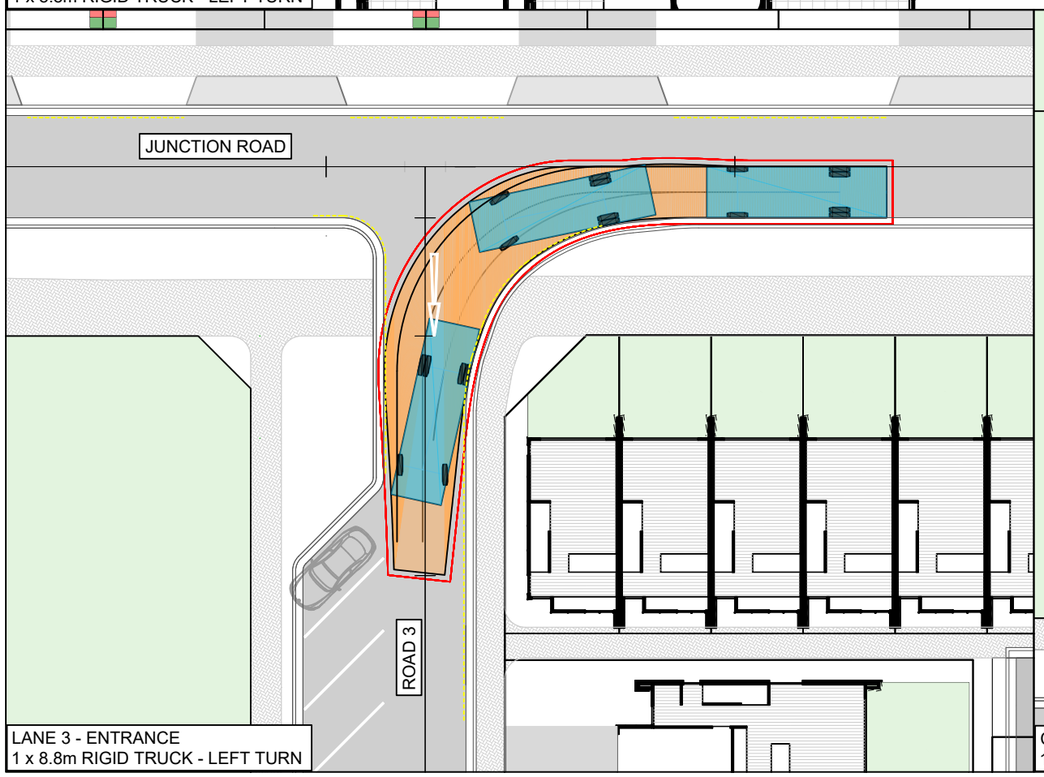
SURVEYED	LIDAR
DESIGNED	PHJ
DRAWN	SS
REVIEWED	AH
APPROVED	DLW

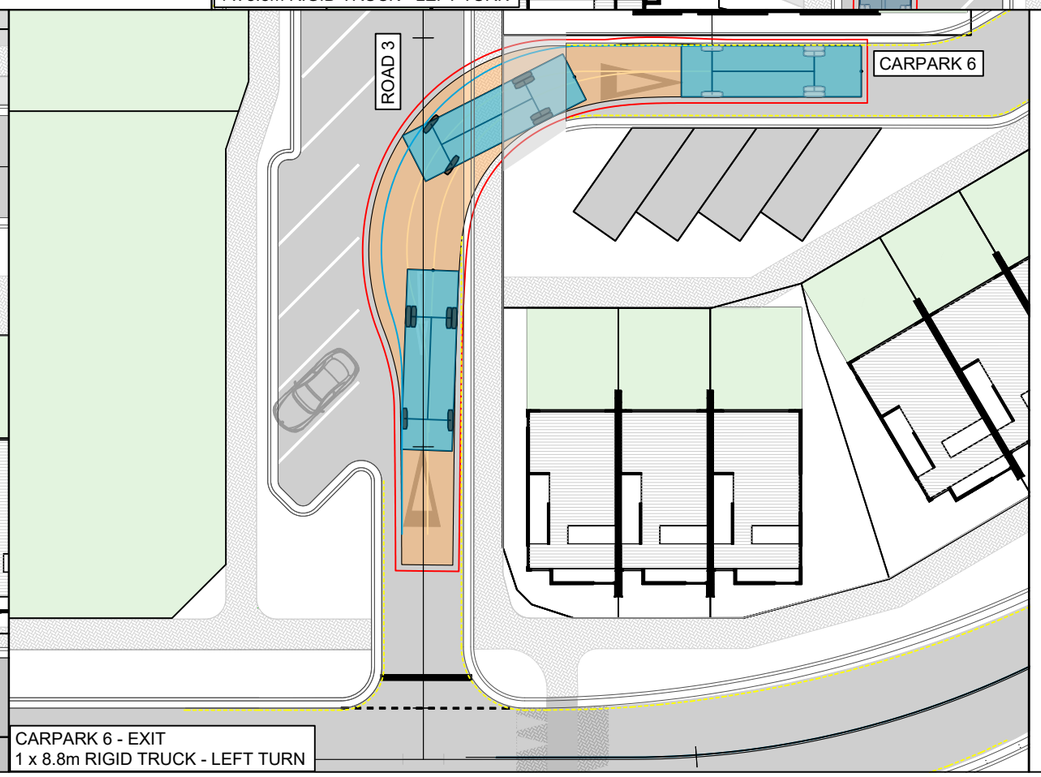
© Paterson Pitts Limited Partnership

PROJECT	**P240103**
DRAWING NO	**003**
SHEET	**344**
REVISION	**4**
SCALE (A3)	**1:300**









NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER.

3. ALL KERBS ARE No.1 PROFILE UNLESS OTHERWISE SHOWN.

ROADING LEGEND

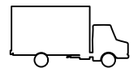
- ASPHALT SURFACE
- LOT BOUNDARIES
- EASEMENT
- KERBS

CAR B85



OVERALL LENGTH	4.91m
OVERALL WIDTH	1.87m
TURNING RADIUS	5.75m

MEDIUM RIGID TRUCK



OVERALL LENGTH	8.80m
OVERALL WIDTH	2.50m
TURNING RADIUS	10.0m

patersons.
Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
VEHICLE TRACKING

DATUM INFORMATION	
COORDINATE SYSTEM	NZGD 2000
	LINDIS PEAK CIRCUIT
DATUM	NZVD 2016
ORIGIN OF COORDINATES	
ORIGIN OF LEVELS	

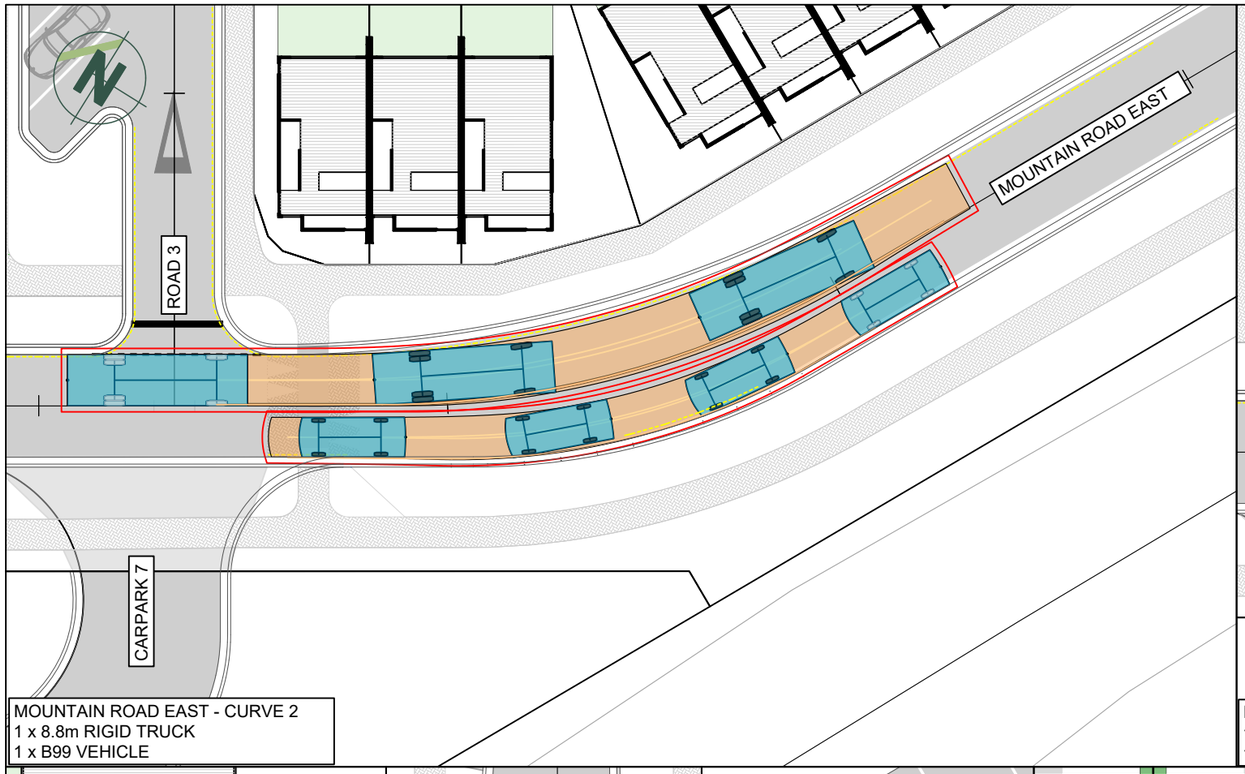
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

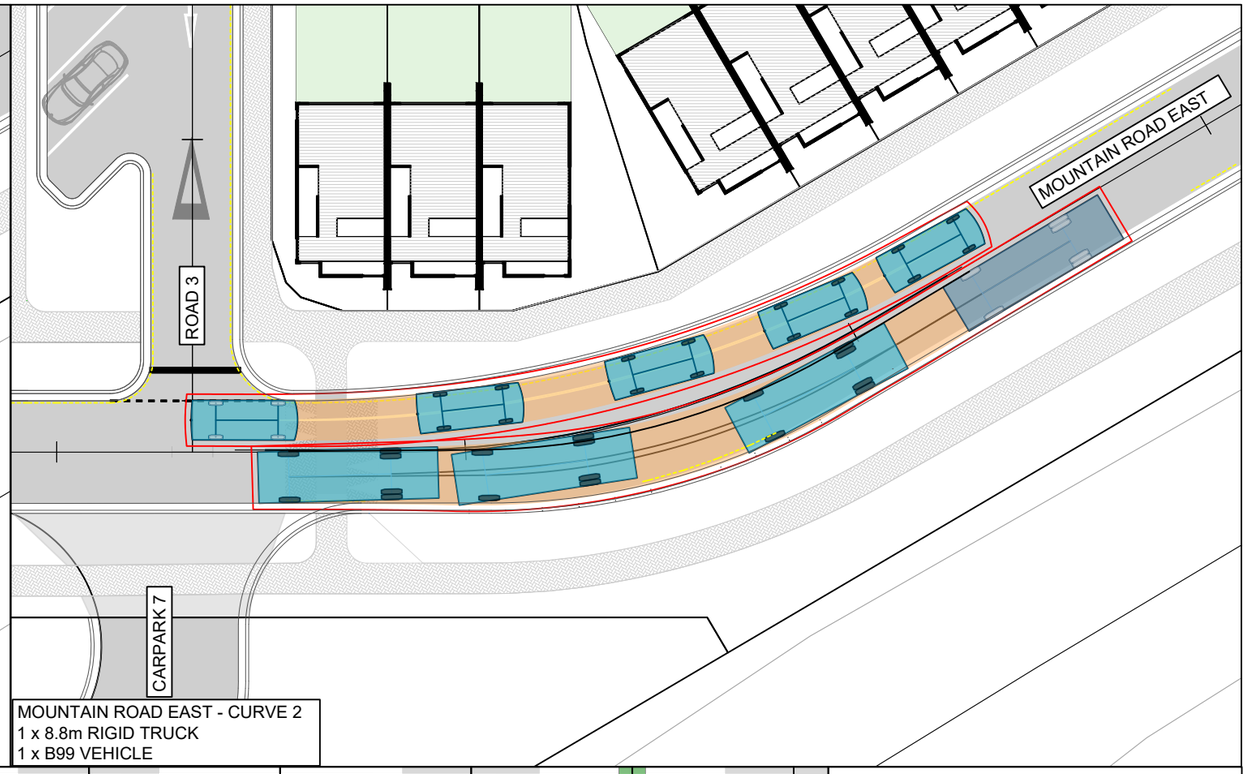
SURVEYED	LIDAR
DESIGNED	PHJ
DRAWN	SS
REVIEWED	AH
APPROVED	DLW

© Paterson Pitts Limited Partnership

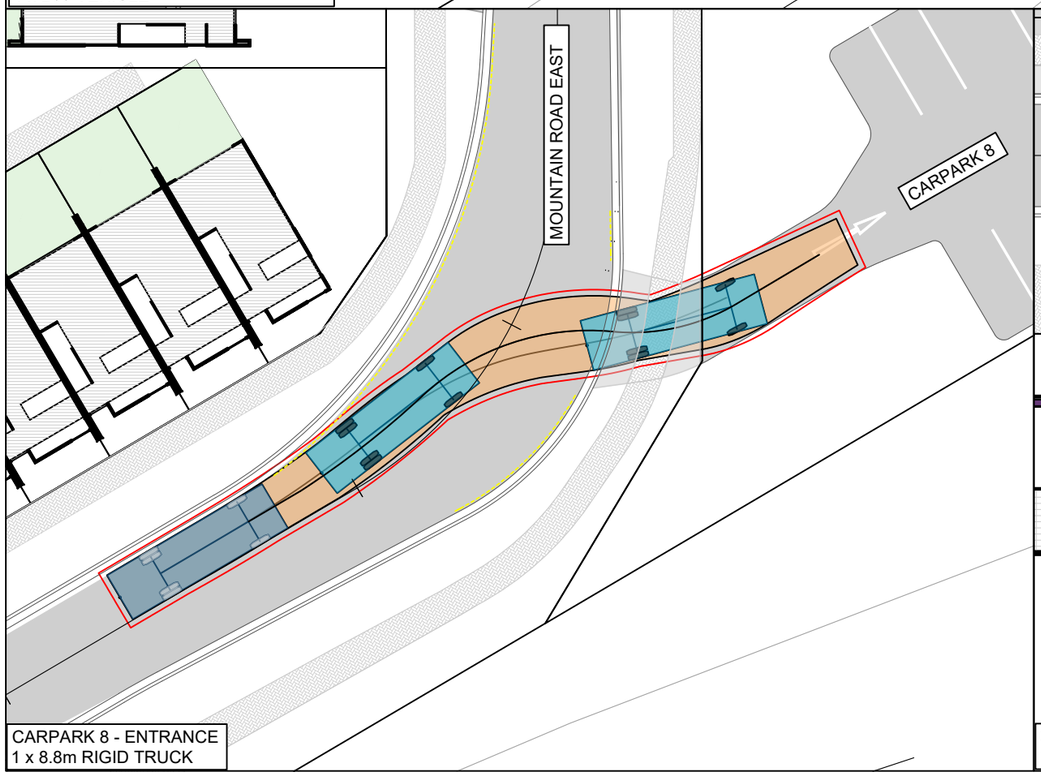
PROJECT	**P240103**
DRAWING NO	**003**
SHEET	**345**
REVISION	**4**
SCALE (A3)	**1:300**



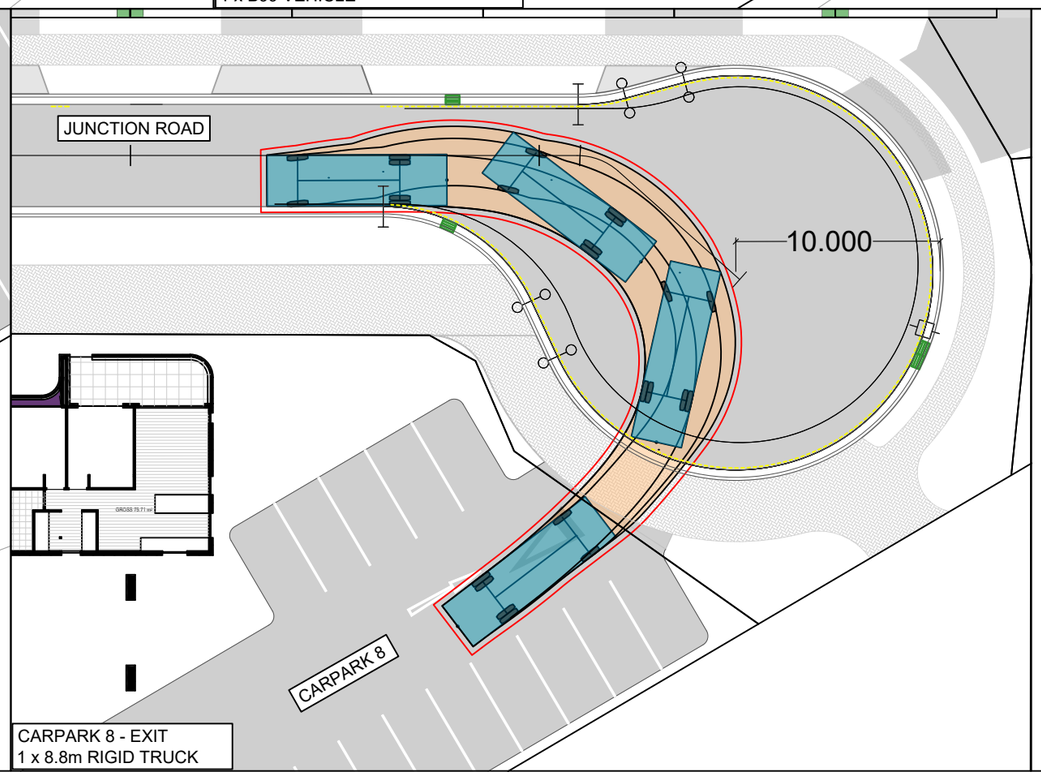
MOUNTAIN ROAD EAST - CURVE 2
1 x 8.8m RIGID TRUCK
1 x B99 VEHICLE



MOUNTAIN ROAD EAST - CURVE 2
1 x 8.8m RIGID TRUCK
1 x B99 VEHICLE



CARPARK 8 - ENTRANCE
1 x 8.8m RIGID TRUCK



CARPARK 8 - EXIT
1 x 8.8m RIGID TRUCK

NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER.

3. ALL KERBS ARE No.1 PROFILE UNLESS OTHERWISE SHOWN.

ROADING LEGEND

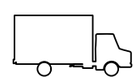
- ASPHALT SURFACE
- LOT BOUNDARIES
- EASEMENT
- KERBS

CAR B85



OVERALL LENGTH	4.91m
OVERALL WIDTH	1.87m
TURNING RADIUS	5.75m

MEDIUM RIGID TRUCK



OVERALL LENGTH	8.80m
OVERALL WIDTH	2.50m
TURNING RADIUS	10.0m

patersons.
Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
VEHICLE TRACKING

DATUM INFORMATION

COORDINATE SYSTEM	NZGD 2000 LINDIS PEAK CIRCUIT
DATUM	NZVD 2016
ORIGIN OF COORDINATES	
ORIGIN OF LEVELS	

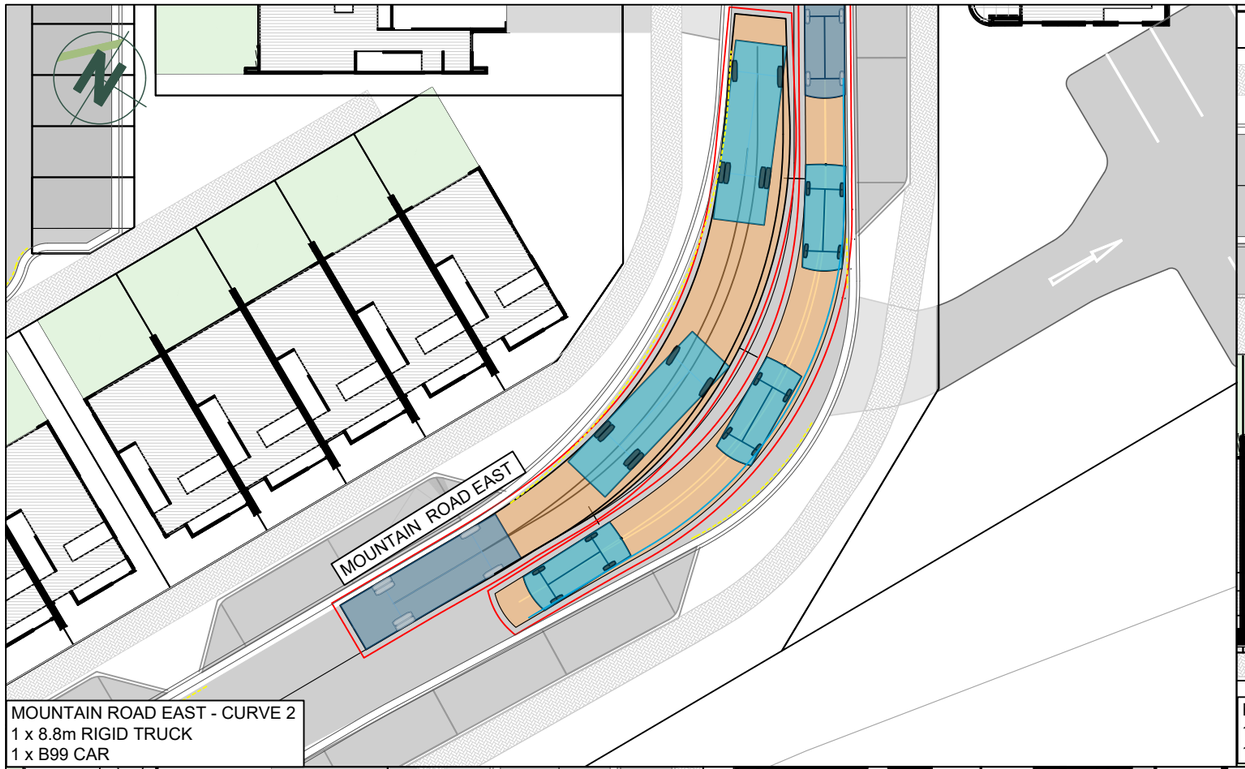
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

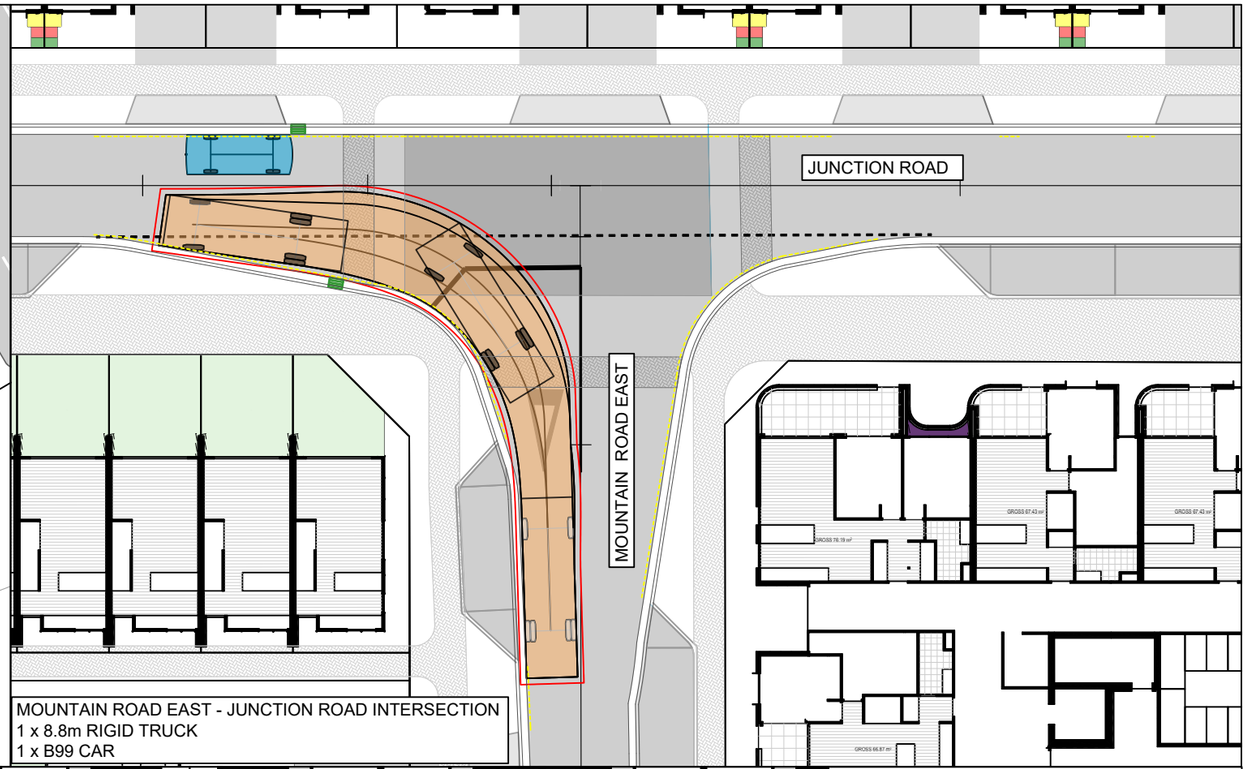
SURVEYED	LIDAR
DESIGNED	PHJ
DRAWN	SS
REVIEWED	AH
APPROVED	DLW

© Paterson Pitts Limited Partnership

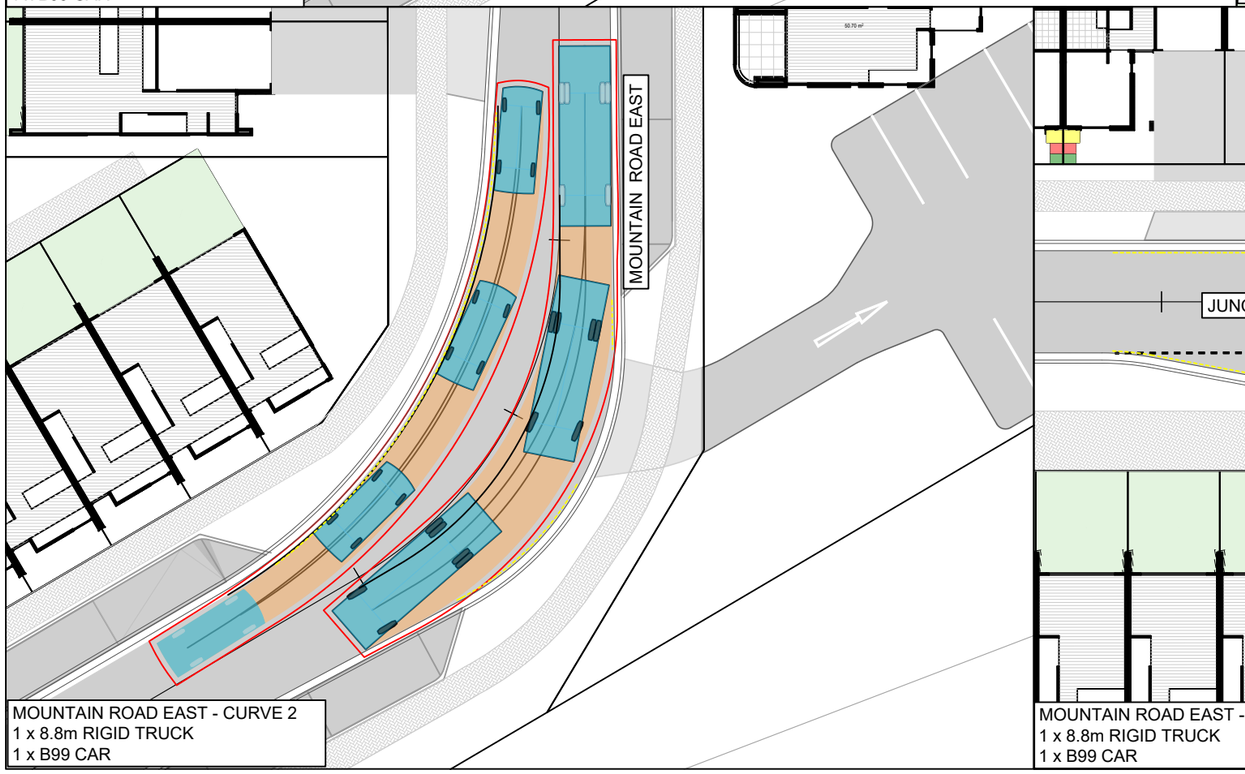
PROJECT	**P240103**
DRAWING NO	**003**
SHEET	**346**
REVISION	**4**
SCALE (A3)	**1:300**



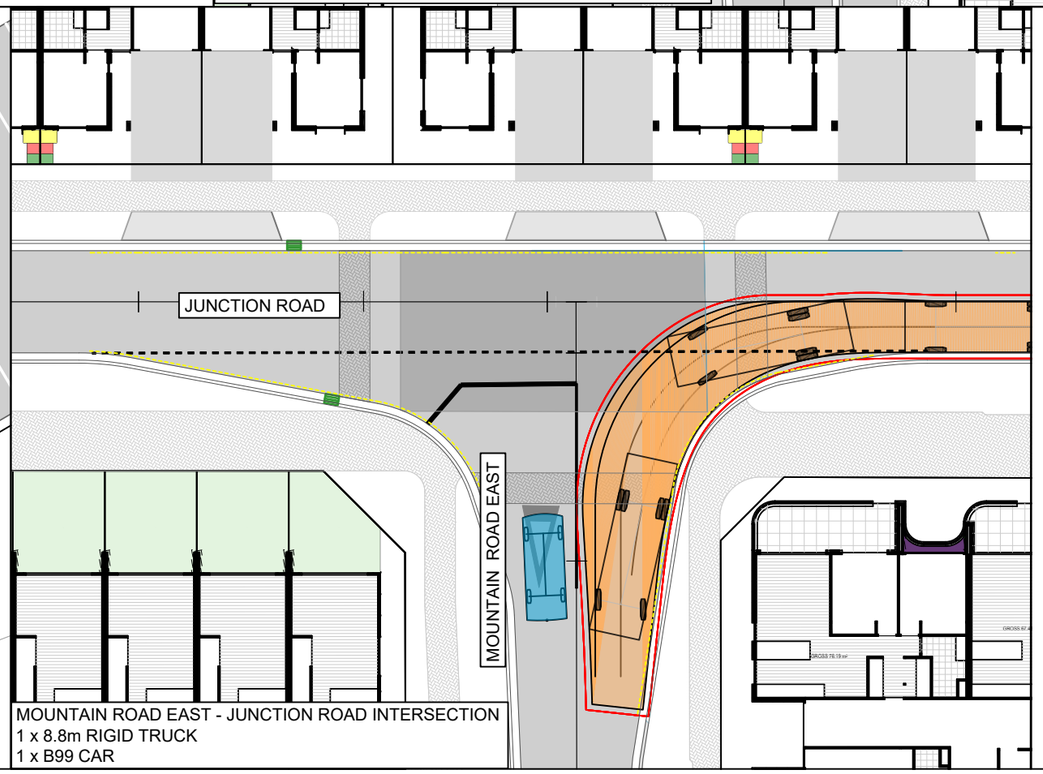
MOUNTAIN ROAD EAST - CURVE 2
1 x 8.8m RIGID TRUCK
1 x B99 CAR



MOUNTAIN ROAD EAST - JUNCTION ROAD INTERSECTION
1 x 8.8m RIGID TRUCK
1 x B99 CAR



MOUNTAIN ROAD EAST - CURVE 2
1 x 8.8m RIGID TRUCK
1 x B99 CAR



MOUNTAIN ROAD EAST - JUNCTION ROAD INTERSECTION
1 x 8.8m RIGID TRUCK
1 x B99 CAR

NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER.

3. ALL KERBS ARE No.1 PROFILE UNLESS OTHERWISE SHOWN.

ROADING LEGEND

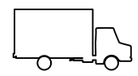
- ASPHALT SURFACE
- LOT BOUNDARIES
- EASEMENT
- KERBS

CAR B85



OVERALL LENGTH	4.91m
OVERALL WIDTH	1.87m
TURNING RADIUS	5.75m

MEDIUM RIGID TRUCK



OVERALL LENGTH	8.80m
OVERALL WIDTH	2.50m
TURNING RADIUS	10.0m

patersons.
Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
VEHICLE TRACKING

DATUM INFORMATION	
COORDINATE SYSTEM	NZGD 2000
	LINDIS PEAK CIRCUIT
DATUM	NZVD 2016
ORIGIN OF COORDINATES	
ORIGIN OF LEVELS	

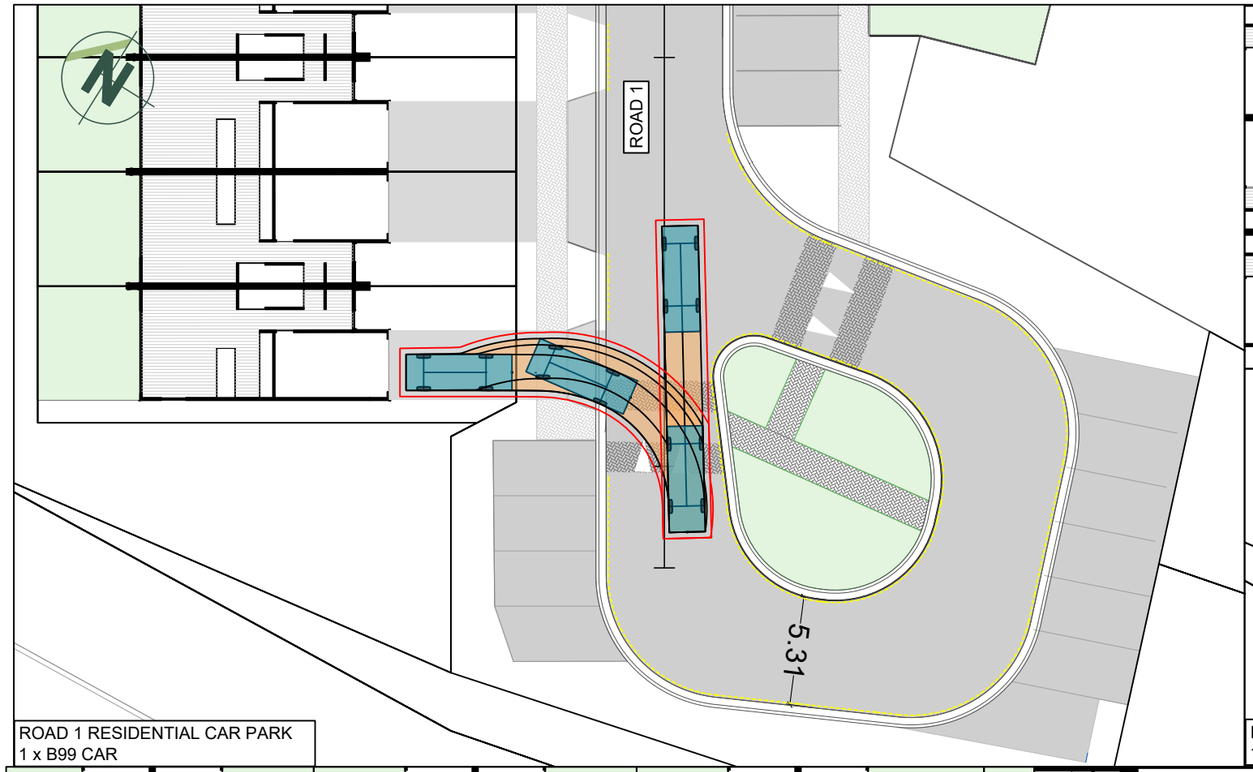
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

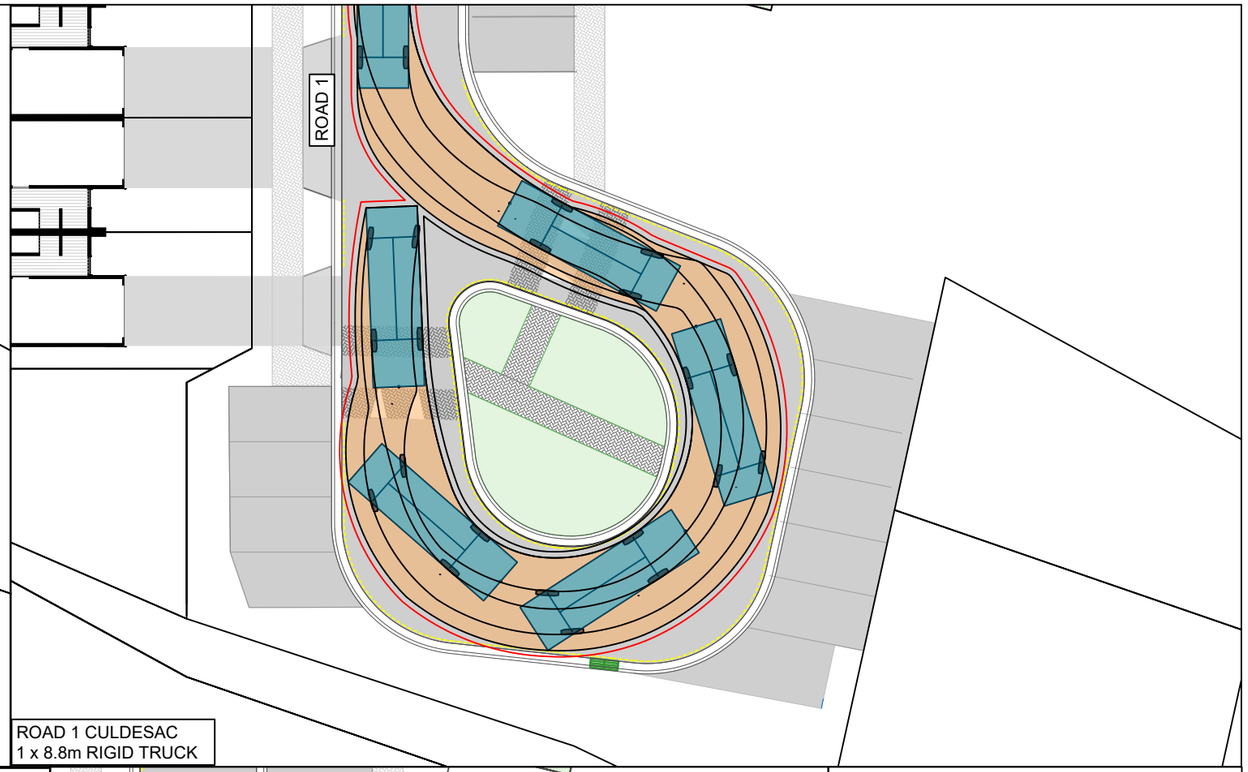
SURVEYED	LIDAR
DESIGNED	PHJ
DRAWN	SS
REVIEWED	AH
APPROVED	DLW

© Paterson Pitts Limited Partnership

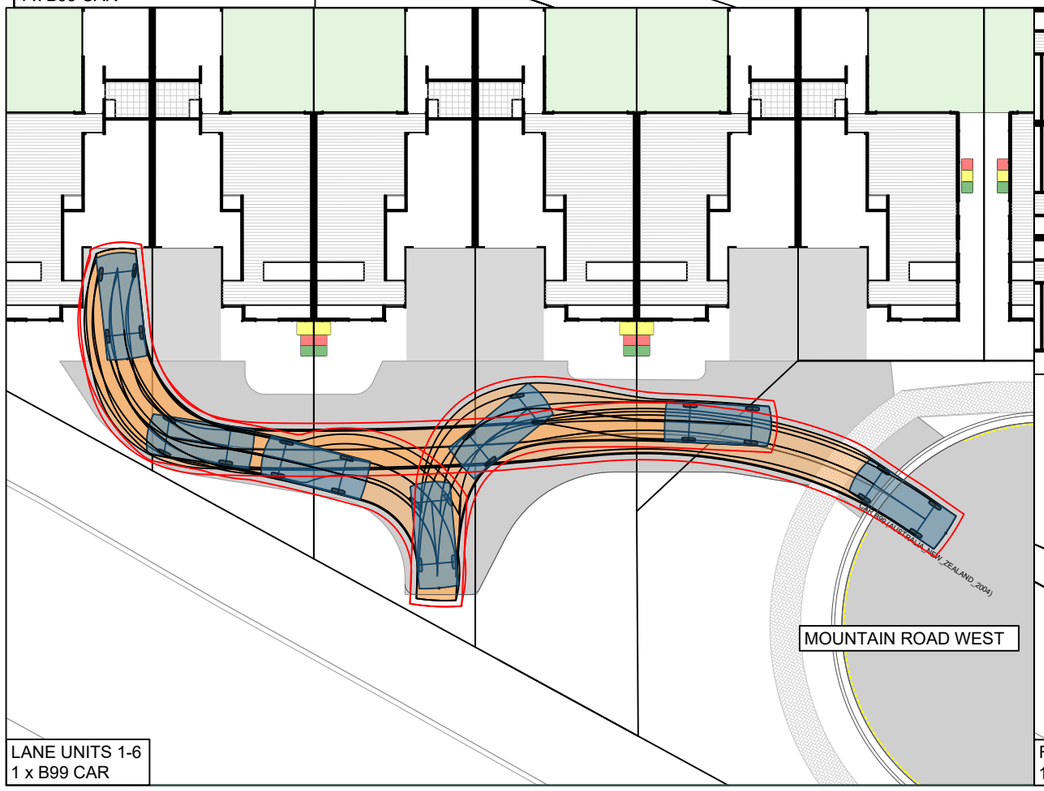
PROJECT	**P240103**
DRAWING NO	**003**
SHEET	**347**
REVISION	**4**
SCALE (A3)	**1:300**



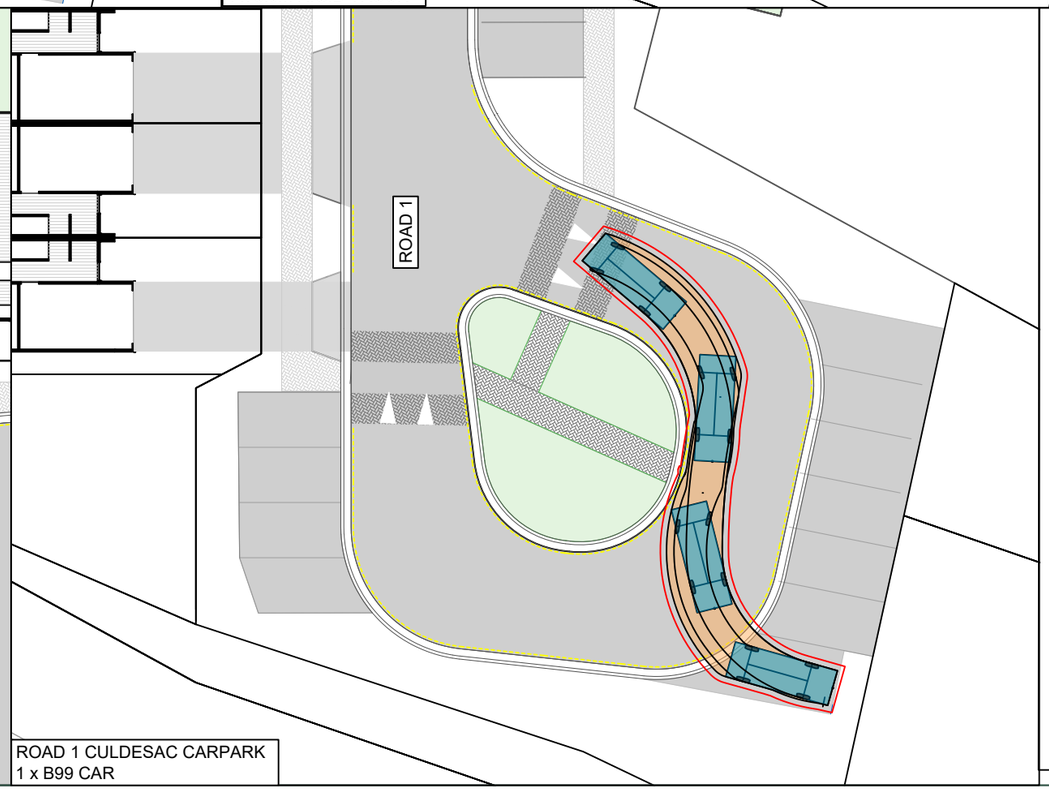
ROAD 1 RESIDENTIAL CAR PARK
1 x B99 CAR



ROAD 1 CULDESAC
1 x 8.8m RIGID TRUCK



LANE UNITS 1-6
1 x B99 CAR



ROAD 1 CULDESAC CARPARK
1 x B99 CAR

NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER.

3. ALL KERBS ARE No.1 PROFILE UNLESS OTHERWISE SHOWN.

ROADING LEGEND

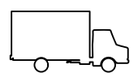
- ASPHALT SURFACE
- LOT BOUNDARIES
- EASEMENT
- KERBS

CAR B85



OVERALL LENGTH	4.91m
OVERALL WIDTH	1.87m
TURNING RADIUS	5.75m

MEDIUM RIGID TRUCK



OVERALL LENGTH	8.80m
OVERALL WIDTH	2.50m
TURNING RADIUS	10.0m

patersons.
Land Professionals

CLIENT

MT IRON JUNCTION LTD

JUNCTION ROAD, WANAKA

DRAWING TITLE

CONSENT ENGINEERING DESIGN

VEHICLE TRACKING

DATUM INFORMATION	
COORDINATE SYSTEM	NZGD 2000
	LINDIS PEAK CIRCUIT
DATUM	NZVD 2016
ORIGIN OF COORDINATES	
ORIGIN OF LEVELS	

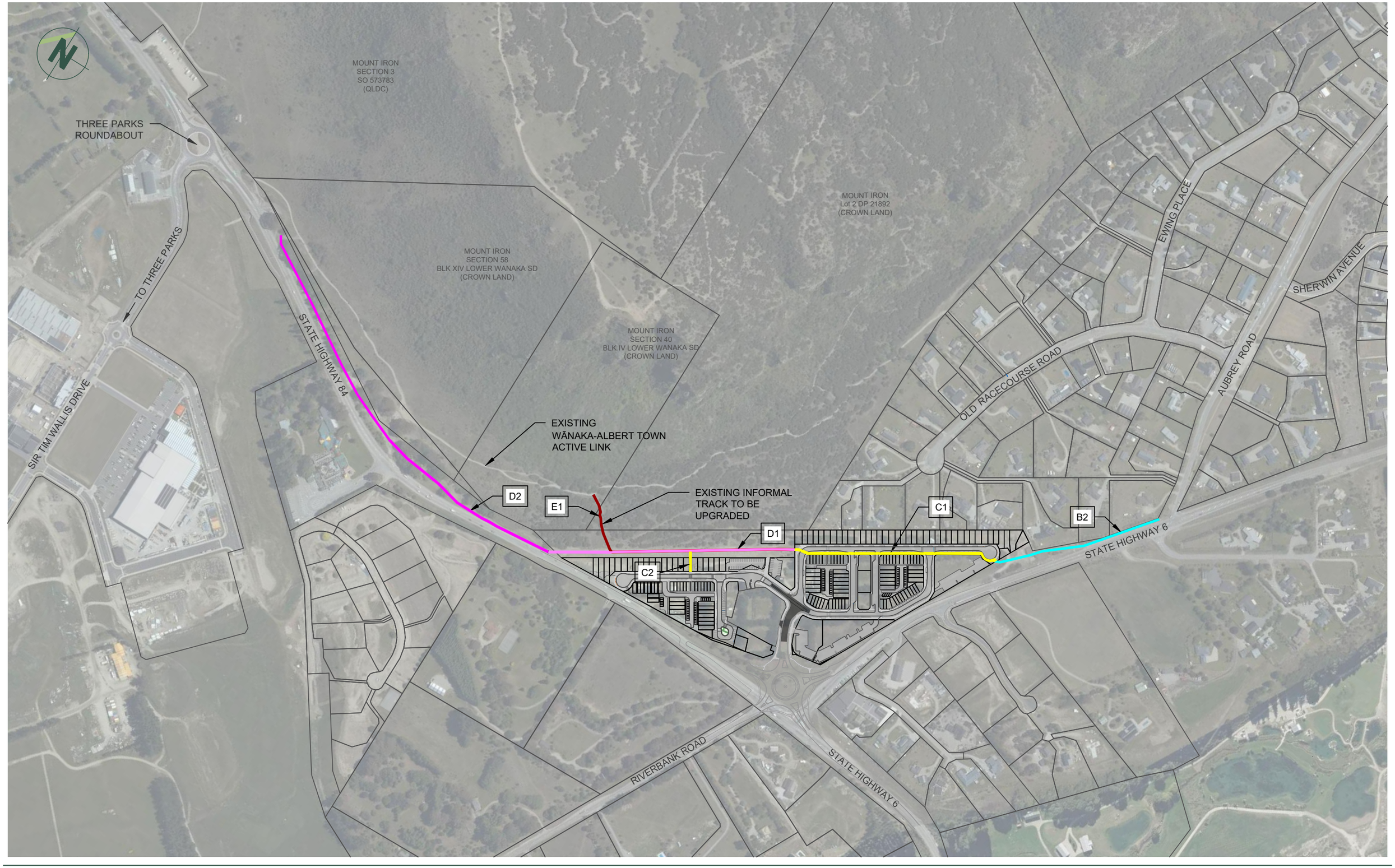
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED	LIDAR
DESIGNED	PHJ
DRAWN	SS
REVIEWED	AH
APPROVED	DLW

© Paterson Pitts Limited Partnership

PROJECT	**P240103**
DRAWING NO	**003**
SHEET	**348**
REVISION	**4**
SCALE (A3)	**1:300**



patersons. Land Professionals

CLIENT

MT IRON JUNCTION LTD

JUNCTION ROAD, WANAKA

DRAWING TITLE

CONSENT ENGINEERING DESIGN

PROPOSED ACTIVE TRANSPORT LINKS

DATUM INFORMATION	
COORDINATE SYSTEM	NZGD 2000 LINDIS PEAK CIRCUIT
DATUM	NZVD2016
ORIGIN OF COORDINATES	
ORIGIN OF LEVELS	

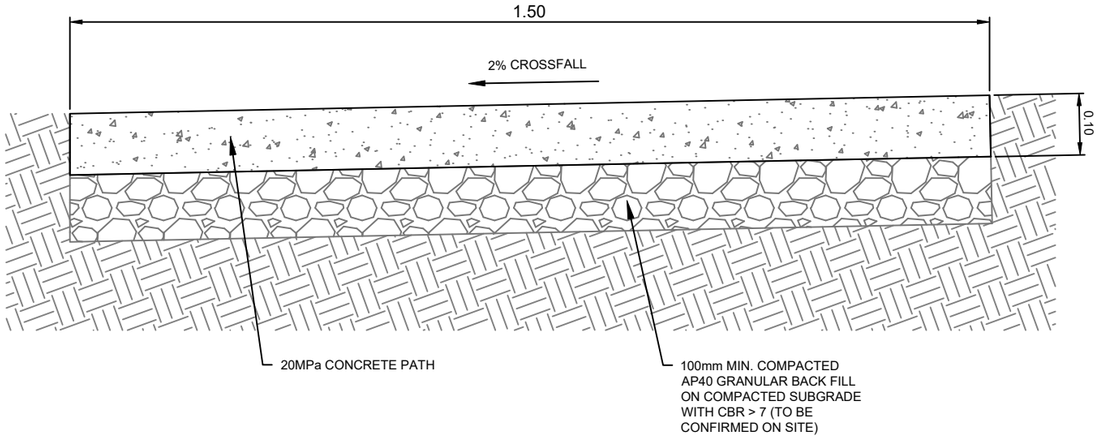
REV	DRAWN	DATE	NOTE
01	PHJ	15.07.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

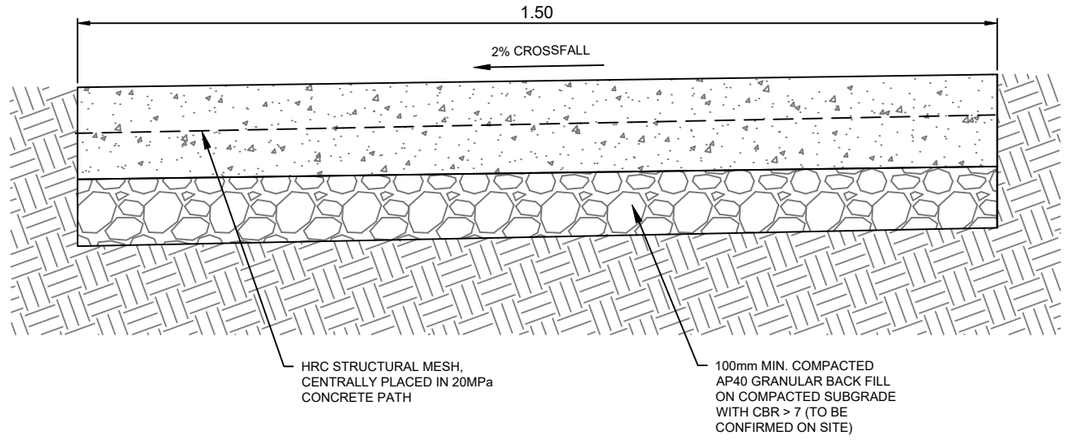
SURVEYED	LIDAR
DESIGNED	PHJ
DRAWN	DB
REVIEWED	DLW
APPROVED	DLW

© Paterson Pitts Limited Partnership

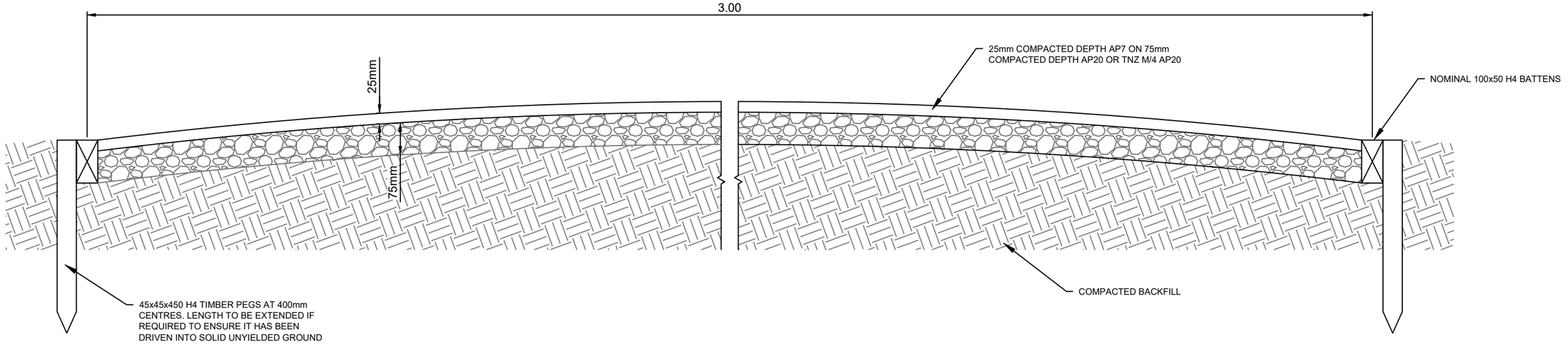
PROJECT	**P240103**
DRAWING NO	**003**
SHEET	**351**
REVISION	**4**
SCALE (A3)	**1:5000**



CONCRETE FOOTPATH



HEAVY DUTY CONCRETE FOOTPATH



GRITTED FOOTPATH

patersons. Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
ACTIVE LINK
DETAILS

DATUM INFORMATION	
COORDINATE SYSTEM	NZGD 2000
	LINDIS PEAK CIRCUIT
DATUM	NZVD2016
ORIGIN OF COORDINATES	
ORIGIN OF LEVELS	

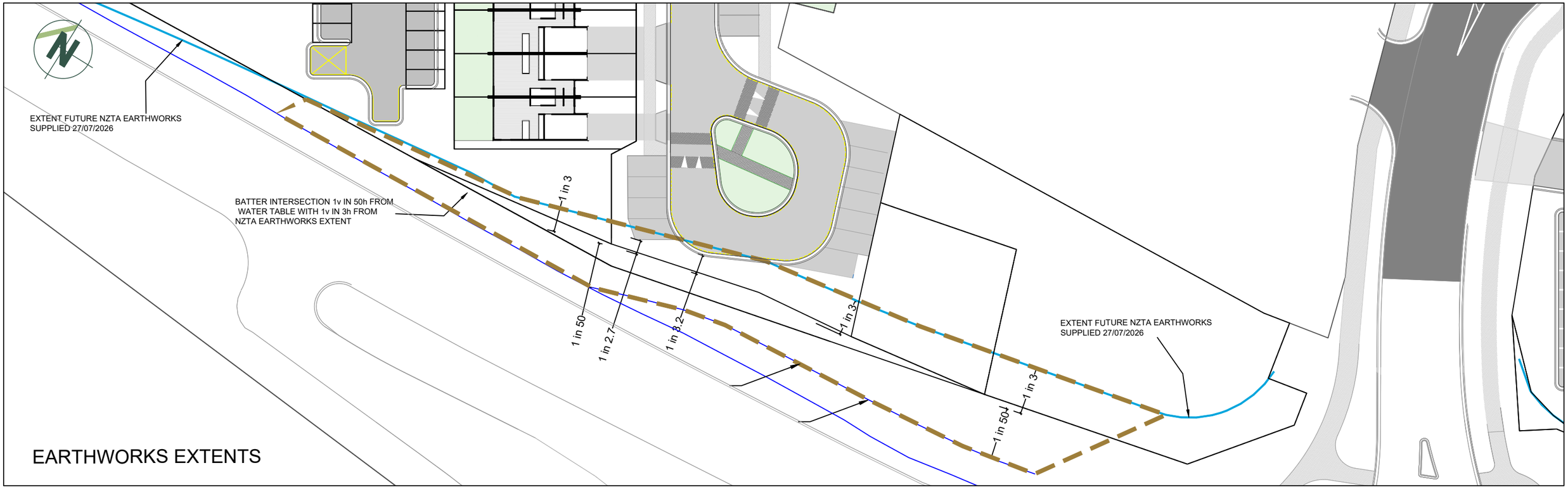
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

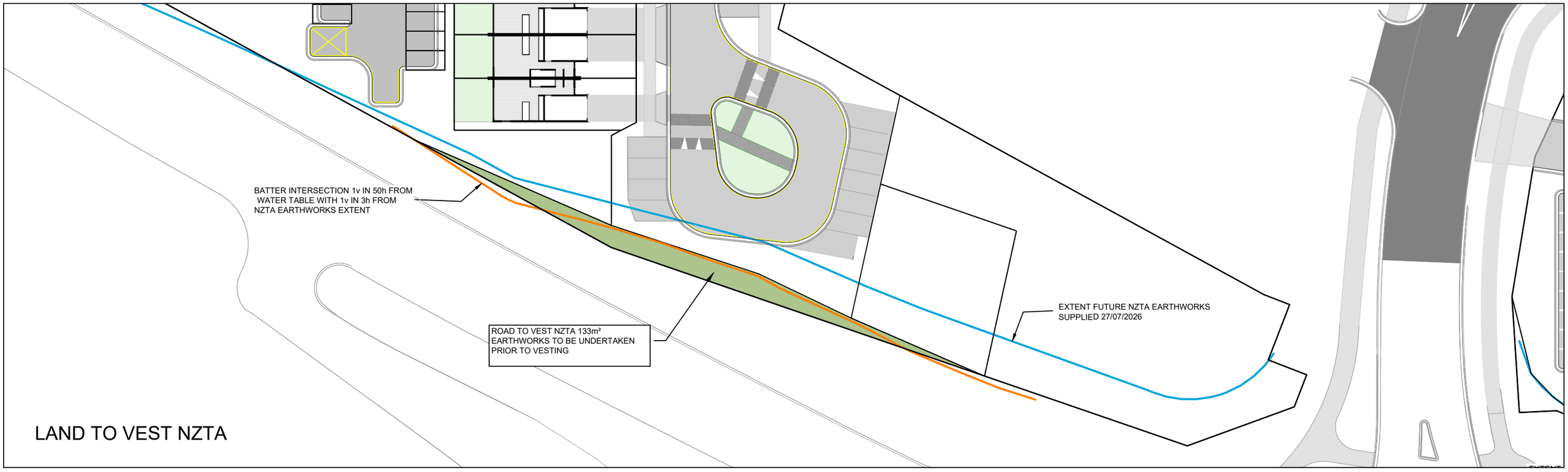
STATUS **FOR RESOURCE CONSENT**

SURVEYED	LIDAR
DESIGNED	PHJ
DRAWN	SS
REVIEWED	AH
APPROVED	DLW

© Paterson Pitts Limited Partnership

PROJECT	**P240103**
DRAWING NO	**003**
SHEET	**352**
REVISION	**4**
SCALE (A3)	**1:10**





patersons.
Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
NZTA WIDENING EARTHWORKS
AND VESTING

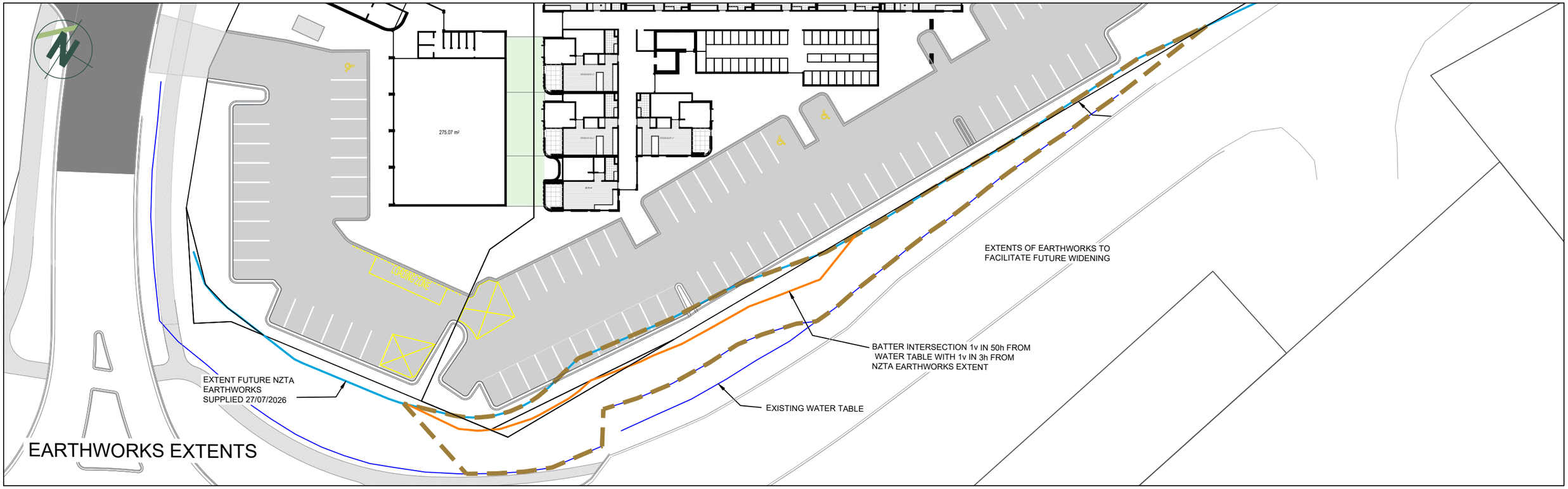
DATUM INFORMATION	
COORDINATE SYSTEM	NZGD 2000
	LINDIS PEAK CIRCUIT
DATUM	NZVD 2016
ORIGIN OF COORDINATES	
ORIGIN OF LEVELS	

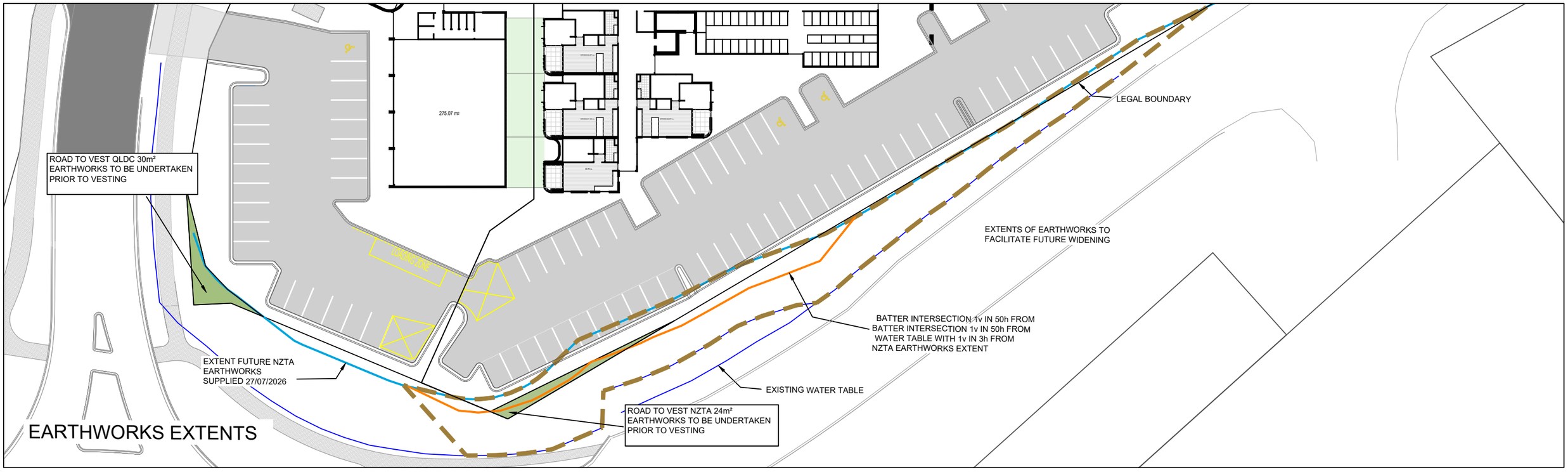
REV	DRAWN	DATE	NOTE
0	PHJ	06/08/2026	Client / NZTA Consultation
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track
STATUS		**FOR APPROVAL**	

SURVEYED	LIDAR
DESIGNED	PHJ
DRAWN	SS
REVIEWED	PHJ
APPROVED	DLW

© Paterson Pitts Limited Partnership

PROJECT	**P240103**
DRAWING NO	**003**
SHEET	**360**
REVISION	**4**
SCALE (A3)	**1:500**





patersons.
Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
NZTA WIDENING EARTHWORKS
AND VESTING

DATUM INFORMATION	
COORDINATE SYSTEM	NZGD 2000
	LINDIS PEAK CIRCUIT
DATUM	NZVD 2016
ORIGIN OF COORDINATES	
ORIGIN OF LEVELS	

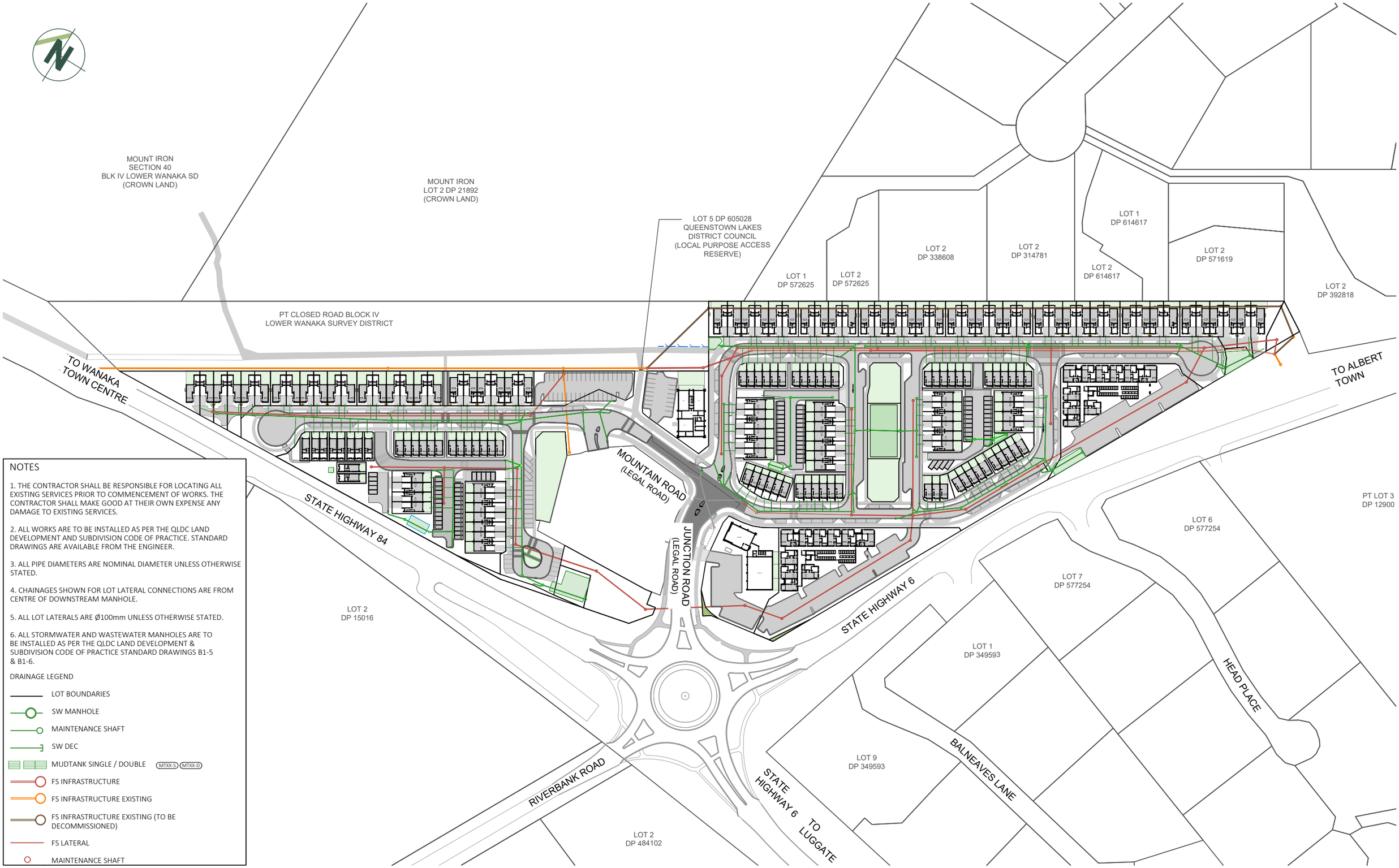
REV	DRAWN	DATE	NOTE
0	PHJ	06/08/2026	Client / NZTA Consultation
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR CONSENT**

SURVEYED	LIDAR
DESIGNED	PHJ
DRAWN	SS
REVIEWED	PHJ
APPROVED	DLW

© Paterson Pitts Limited Partnership

PROJECT	**P240103**
DRAWING NO	**003**
SHEET	**361**
REVISION	**4**
SCALE (A3)	**1:500**



NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES.

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER.

3. ALL PIPE DIAMETERS ARE NOMINAL DIAMETER UNLESS OTHERWISE STATED.

4. CHAINAGES SHOWN FOR LOT LATERAL CONNECTIONS ARE FROM CENTRE OF DOWNSTREAM MANHOLE.

5. ALL LOT LATERALS ARE Ø100mm UNLESS OTHERWISE STATED.

6. ALL STORMWATER AND WASTEWATER MANHOLES ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT & SUBDIVISION CODE OF PRACTICE STANDARD DRAWINGS B1-5 & B1-6.

DRAINAGE LEGEND

- LOT BOUNDARIES
- SW MANHOLE
- MAINTENANCE SHAFT
- SW DEC
- MUDTANK SINGLE / DOUBLE (MTXX-S) (MTXX-D)
- FS INFRASTRUCTURE
- FS INFRASTRUCTURE EXISTING
- FS INFRASTRUCTURE EXISTING (TO BE DECOMMISSIONED)
- FS LATERAL
- MAINTENANCE SHAFT

patersons.
Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
DRAINAGE - OVERVIEW PLAN

DATUM INFORMATION	
COORDINATE SYSTEM	NZGD 2000
	LINDIS PEAK CIRCUIT
DATUM	NZVD2016
ORIGIN OF COORDINATES	
ORIGIN OF LEVELS	

REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED	LIDAR
DESIGNED	PHJ
DRAWN	SS
REVIEWED	AH
APPROVED	DLW

© Paterson Pitts Limited Partnership

PROJECT	**P240103**
DRAWING NO	**003**
SHEET	**400**
REVISION	**4**
SCALE (A3)	**1:2000**

PT CLOSED ROAD BLOCK IV
LOWER WANAKA SURVEY DISTRICT

LOT 1
P 15016

STATE HIGHWAY 84

A-7
Ø1050mm
d=1.50m
CH 304.29m

IL 317.67m

Ø 300mm

0.55 %

IL 316.71m

IL 316.63m

A-6
Ø1050mm
d= 1.68m
CH 203.19m

Ø 375mm

0.55 %

A-5
Ø1050mm
d=2.31m
CH 128.65m

IL 316.26m

0.40 %
Ø 300mm

C-1
Ø1050mm
d=1.80m
CH 35.82m

IL 315.68m

IL 315.61m

IL 315.64m

C-2
Ø1050mm
d=1.65m
CH 45.50m

IL 315.47m

0.51%
Ø 375mm

IL 315.37m

IL 315.17m

IL 315.09m

B-5
Ø1050mm
d=1.66m
CH 74.33

A-4
Ø1200mm
d=2.54m
CH 76.65m

SOAKPIT A
9m² FOOTPRINT

IL 316.19m

0.35 %
Ø 300mm

IL 316.05m

B-2
Ø1050mm
d=2.06m
CH 9.69

SOAKPIT B
70m² FOOTPRINT

IL 315.94m

IL 315.64m

IL 315.99m

IL 315.94m

B-3
Ø1050mm
d=1.73m
CH 23.90m

B-4
Ø1050mm
d=1.36m
CH 38.78m

1.66 %
Ø 450mm

IL 314.90m

A-3
Ø1200mm
d=2.28m
CH 39.06m

A-2
Ø1200mm
d=2.32m
CH 25.86m

IL 314.75m

IL 314.69m

IL 314.47m

450 Ø
0.5%

SOAKPIT C
240m² FOOTPRINT

IL 314.47m

A-1
Ø1200mm
d=2.59m
CH 0.00m

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

300 301 302 303 304 305 306 307

308 309

350 351 352 353 354

313 312 311 310

366 365 364 363 362 361 360 359 358 357 356 355

379 378 377 376 375 374 373 372 371 370 369 368

380 381 382 383 384

327 328 329 330 331 332 333

314 315 316 317 318 319 320 321 322 323 324 325 326

201

700

NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES.

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER.

3. ALL PIPE DIAMETERS ARE NOMINAL DIAMETER UNLESS OTHERWISE STATED.

4. CHAINAGES SHOWN FOR LOT LATERAL CONNECTIONS ARE FROM CENTRE OF DOWNSTREAM MANHOLE.

5. ALL LOT LATERALS ARE Ø100mm UNLESS OTHERWISE STATED.

6. ALL STORMWATER AND WASTEWATER MANHOLES ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT & SUBDIVISION CODE OF PRACTICE STANDARD DRAWINGS B1-5 & B1-6.

STORMWATER

- LOT BOUNDARIES
- SW MANHOLE
- MAINTENANCE SHAFT
- SW DEC
- MUDTANK SINGLE / DOUBLE (MTXX-S) (MTXX-D)

patersons.
Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
STORMWATER LAYOUT
SHEET A

DATUM INFORMATION
COORDINATE SYSTEM NZGD 2000
LINDIS PEAK CIRCUIT
DATUM NZVD2016
ORIGIN OF COORDINATES
ORIGIN OF LEVELS

REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED LIDAR
DESIGNED PHJ
DRAWN SS
REVIEWED AH
APPROVED DLW

© Paterson Pitts Limited Partnership

PROJECT **P240103**
DRAWING NO **003**
SHEET **400A**
REVISION **4**
SCALE (A3) **1:600**

PT CLOSED ROAD BLOCK IV
LOWER WANAKA SURVEY DISTRICT

External Flow Path

SOAKPIT J
42m² FOOTPRINT

SOAKPIT E
450m² FOOTPRINT

SOAKPIT F
40m² FOOTPRINT

Shift Existing SW SUMP

Shift Existing SW SUMP

C-1 Ø1050mm d=1.80m CH 35.82m
C-2 Ø1050mm d=1.65m CH 45.50m
D-1 Ø1050mm d=2.17m CH 0.00m
D-2 Ø1050mm d=2.13m CH 8.19m
D-3 Ø1050mm d=1.78m CH 13.02m
D-4 Ø1050mm d=1.69m CH 52.48m
D-5 Ø1050mm d=1.39m CH 76.67m
E-1 Ø1050mm d=2.63m CH 0.00m
E-2 Ø1200mm d=2.86m CH 18.51m
E-3 Ø1050mm d=2.85m CH 25.62m
E-4 Ø1200mm d=2.80m CH 74.28m
E-5 Ø1050mm d=2.49m CH 151.12m
F-1 Ø1050mm d=1.92m CH 35.70m
F-2 Ø1050mm d=2.09m CH 46.75m
F-3 Ø1050mm d=1.59m CH 102.41m
F-4 Ø1200mm d=1.41m CH 127.49m
F-5 Ø1050mm d=1.39m CH 174.32m
G-1 Ø1050mm d=1.27m CH 14.88m
G-2 Ø1050mm d=1.50m CH 9.93m
G-3 Ø1050mm d=1.30m CH 28.62m
H-5 Ø1050mm d=1.53m CH 109.73m
I-5 Ø1050mm d=2.50m CH 225.90m

0.40 % Ø 300mm
0.55 % Ø 450mm
0.33%m Ø 300mm
0.33 % Ø 450mm
0.33 % Ø 525mm
0.33 % Ø 300mm
0.73 % Ø 300mm
0.77 % Ø 300mm
1.07 % Ø 300mm
1.13 %
0.50 % Ø 300mm
Ø 300mm 0.57 %
0.33 % Ø 300mm

IL 315.68m
IL 315.61m
IL 315.64m
IL 315.80m
IL 315.62m
IL 315.70m
IL 315.54m
IL 315.41m
IL 315.46m
IL 315.27m
IL 315.22m
IL 314.98m
IL 315.33m
IL 314.46m
IL 314.47m
IL 314.20m
IL 314.09m
IL 313.96m
313.88m
IL 313.71m
IL 314.30m
314.33 314.40
IL 314.48m
IL 315.23m
IL 315.01m
IL 315.13m
IL 314.79

100
201
101
102
803
804
805
400 401 402 403 404 405 406 407 408 409 410 411
412 413 414 415 416 417
418 419 420 421 422 423 424 425 426 427 428 429
474 450 451 452 453 454 455 456 457 458 459 460
473 472 471 470 469 468 467 466 465 464 463 462 461
436 435 434 433 432 431 430
500 501 502 503 5
512 513 514 515 516 517
518 519 520 52
560 561 562 563

NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES.

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER.

3. ALL PIPE DIAMETERS ARE NOMINAL DIAMETER UNLESS OTHERWISE STATED.

4. CHAINAGES SHOWN FOR LOT LATERAL CONNECTIONS ARE FROM CENTRE OF DOWNSTREAM MANHOLE.

5. ALL LOT LATERALS ARE Ø100mm UNLESS OTHERWISE STATED.

6. ALL STORMWATER AND WASTEWATER MANHOLES ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT & SUBDIVISION CODE OF PRACTICE STANDARD DRAWINGS B1-5 & B1-6.

STORMWATER

- LOT BOUNDARIES
- SW MANHOLE
- MAINTENANCE SHAFT
- SW DEC
- MUDTANK SINGLE / DOUBLE (MTXX-S) (MTXX-D)

patersons.
Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
STORMWATER LAYOUT
SHEET B

DATUM INFORMATION
COORDINATE SYSTEM NZGD 2000
LINDIS PEAK CIRCUIT
DATUM NZVD2016
ORIGIN OF COORDINATES
ORIGIN OF LEVELS

REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED LIDAR
DESIGNED PHJ
DRAWN SS
REVIEWED AH
APPROVED DLW

© Paterson Pitts Limited Partnership

PROJECT **P240103**
DRAWING NO **003**
SHEET **400B**
REVISION **4**
SCALE (A3) **1:600**

LOT 2
DP 338608

LOT 2
DP 314781

LOT 2
DP 614617

LOT 1
DP 614617

LOT 2
DP 571619

7 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 807

I-4
Ø1050mm
d=2.60m
CH 131.69m

I-3
Ø1050mm
d=2.32m
CH=43.86m

I-1
Ø1050mm
d=2.59m
CH 0.00m

Ø 300mm
0.57 %

IL 313.98m

IL 313.90m

Ø 375mm
0.33 %

IL 313.61m

IL 313.58m

Ø 375mm
0.33 %

IL 313.46m

IL 313.17m

806

SOAKPIT I
160m² FOOTPRINT

I-2
Ø1050mm
d=2.58m
CH15.33m

500 501 502 503 504 505 506 507 508 509 510 511

G-3
Ø1050mm
d=1.30m
CH 28.62m

512 513 514 515 516 517

550 551 552 553 554 555 556 557 558 559

574 573 572 571 570 569 568 567 566 565 564

534 533 532 531

103

J-1
Ø1050mm
d=1.64m
CH 36.28m

IL 314.55m

IL 315.23m

Ø 300mm
0.50 %

IL 315.01m

IL 315.13m

E-1
Ø1050mm
d=2.63m
CH 0.00m

G-2
Ø1050mm
d=1.50m
CH 9.93m

SOAKPIT G
30m² FOOTPRINT

Ø 300mm
0.48 %

IL 314.43m

H-1
Ø1050mm
d=1.86m
CH 0.00m

H-3
Ø1050mm
d=1.54m
CH 28.25m

L-1
Ø1050mm
d=1.27m
CH 14.88m

560 561 562 563

530 529 528 527 526 525 524 523 522 521

IL 314.49m

IL 314.31m

0.33 %
Ø 300mm

IL 314.07m

IL 314.07m

SOAKPIT H
120m² FOOTPRINT

518 519 520

H-2
Ø1050mm
d=1.95m
CH 20.79m

H-5
Ø1050mm
d=1.53m
CH 109.73m

0.33 %
Ø 300mm

IL 314.67m

IL 314.70

IL 314.79

H-4
Ø1050mm
d=1.54m
CH 84.10m

STATE HIGHWAY 6

LOT 7
DP 577254

LOT 6
DP 577254

NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES.

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER.

3. ALL PIPE DIAMETERS ARE NOMINAL DIAMETER UNLESS OTHERWISE STATED.

4. CHAINAGES SHOWN FOR LOT LATERAL CONNECTIONS ARE FROM CENTRE OF DOWNSTREAM MANHOLE.

5. ALL LOT LATERALS ARE Ø100mm UNLESS OTHERWISE STATED.

6. ALL STORMWATER AND WASTEWATER MANHOLES ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT & SUBDIVISION CODE OF PRACTICE STANDARD DRAWINGS B1-5 & B1-6.

STORMWATER

- LOT BOUNDARIES
- SW MANHOLE
- MAINTENANCE SHAFT
- SW DEC
- MUDTANK SINGLE / DOUBLE (MTXX-S) (MTXX-D)

patersons.
Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
STORMWATER LAYOUT
SHEET C

DATUM INFORMATION
COORDINATE SYSTEM NZGD 2000
LINDIS PEAK CIRCUIT
DATUM NZVD2016
ORIGIN OF COORDINATES
ORIGIN OF LEVELS

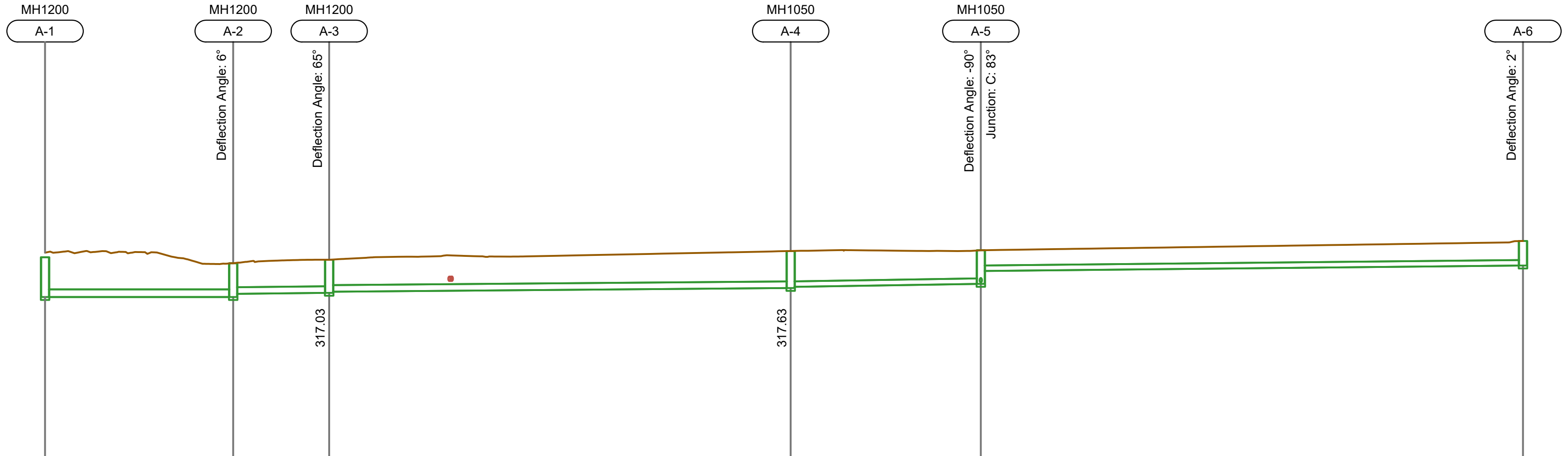
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED LIDAR
DESIGNED PHJ
DRAWN SS
REVIEWED AH
APPROVED DLW

© Paterson Pitts Limited Partnership

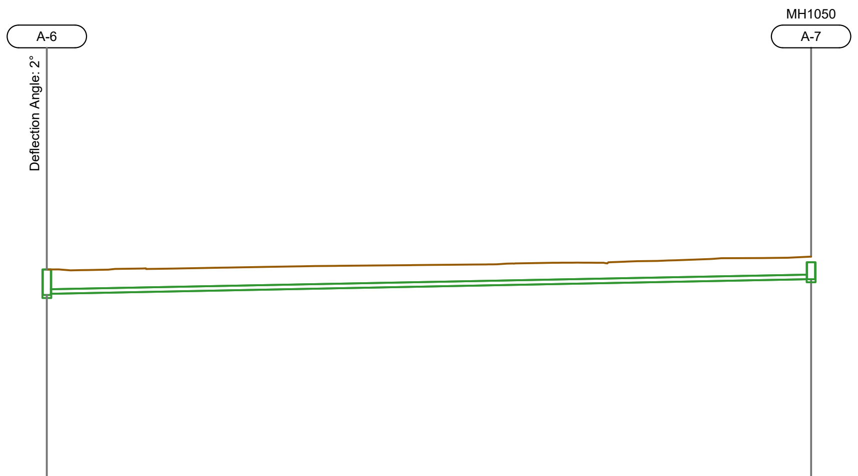
PROJECT **P240103**
DRAWING NO **003**
SHEET **400C**
REVISION **4**
SCALE (A3) **1:601**



DATUM RL (m): 302.00

	A-1		A-2		A-3		A-4		A-5		A-6
LID LEVEL	317.51		316.79		317.03		317.63		317.68		318.32
DEPTH TO INVERT	2.59 / 3.04 3.04		2.32 / 2.10		2.28 / 2.20		2.54 / 2.46		2.31 / 1.42		1.68
INVERT LEVEL	314.92 / 314.47 314.47		314.47 / 314.69		314.75 / 314.90 314.83		315.09 / 315.17		315.37 / 316.26		316.63
PIPE CHAINAGE	0.00		25.86		39.06 / 16.70		102.51		128.65		203.19
PIPE LENGTH (m)		L=9.28m		L=13.20m		L=63.45m		L=26.14m		L=72.45m	
PIPE SIZE (mm)		525mm		450mm		450mm		375mm		375mm	
PIPE TYPE		Class=uPVC SN8		Class=uPVC SN8		Class=uPVC SN8		Class=uPVC SN8		Class=uPVC SN8	
PIPE GRADE (%)		0%		0.5%		1.66%		0.51%		0.55%	
PIPE GRADE (1 in)		1 in 1000000		1 in 200		1 in 60.1		1 in 197.5		1 in 181.1	

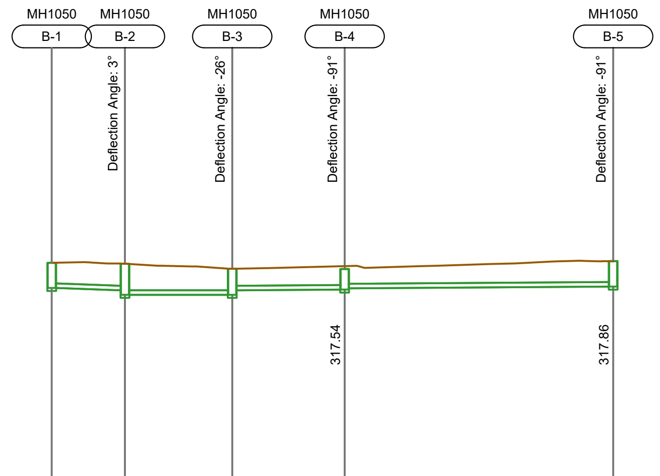
LONG SECTION: A



DATUM RL (m): 303.00

	A-6		A-7
LID LEVEL	318.32		319.17
DEPTH TO INVERT	1.68 / 1.60		1.50
INVERT LEVEL	316.63 / 316.71		317.67
PIPE CHAINAGE	203.19		304.29
PIPE LENGTH (m)			
PIPE SIZE (mm)		300mm	
PIPE TYPE		Class=uPVC SN8	
PIPE GRADE (%)		0.95%	
PIPE GRADE (1 in)		1 in 105.1	

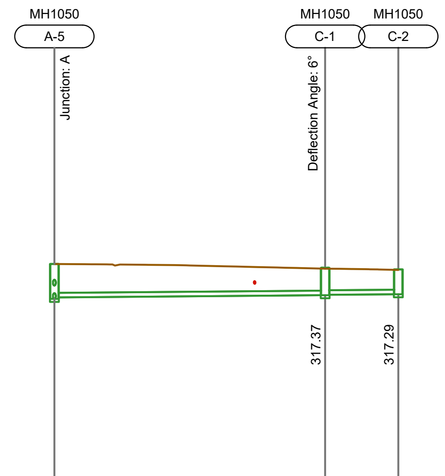
LONG SECTION: A



302.00

	B-1		B-2		B-3		B-4		B-5
LID LEVEL	317.76		317.70		317.37		317.54		317.86
DEPTH TO INVERT	1.66 / 1.66		1.76 / 2.06 2.06		1.73 / 1.43		1.36 / 1.28		1.66 / 1.24
INVERT LEVEL	316.10		315.94 / 315.64 315.64		315.64 / 315.94		315.99 / 316.07		316.19
PIPE CHAINAGE	0.00		9.69		23.90		38.78		74.33 / 5.30
PIPE LENGTH (m)		L=9.69m		L=14.21m		L=14.88m		L=39.02m	
PIPE SIZE (mm)		300mm		300mm		300mm		300mm	
PIPE TYPE		Class=uPVC SN8				Class=uPVC SN8		Class=uPVC SN8	
PIPE GRADE (%)		-1%		-0%		0.33%		0.35%	
PIPE GRADE (1 in)		1 in -100		1 in -322642.3		1 in 300		1 in 286.1	

LONG SECTION: B



302.00

	A-5		C-1		C-2
LID LEVEL	317.68		317.37		317.29
DEPTH TO INVERT	2.31 / 2.21		1.80 / 1.77		1.65
INVERT LEVEL	315.37 / 315.58 315.47		315.61 / 315.64		315.68
PIPE CHAINAGE	0.00 / 26.49		35.82		45.50
PIPE LENGTH (m)		L=35.82m			
PIPE SIZE (mm)		300mm		300mm	
PIPE TYPE		Class=uPVC SN8			
PIPE GRADE (%)		0.4%			
PIPE GRADE (1 in)		1 in 248			

LONG SECTION: C

patersons.
Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
STORMWATER LONGSECTIONS

DATUM INFORMATION	
COORDINATE SYSTEM	NZGD 2000 LINDIS PEAK CIRCUIT
DATUM	NZVD2016
ORIGIN OF COORDINATES	
ORIGIN OF LEVELS	

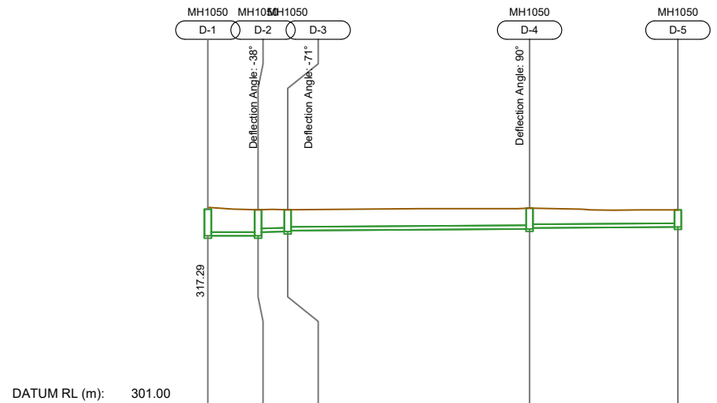
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED	LIDAR
DESIGNED	PHJ
DRAWN	SS
REVIEWED	AH
APPROVED	DLW

© Paterson Pitts Limited Partnership

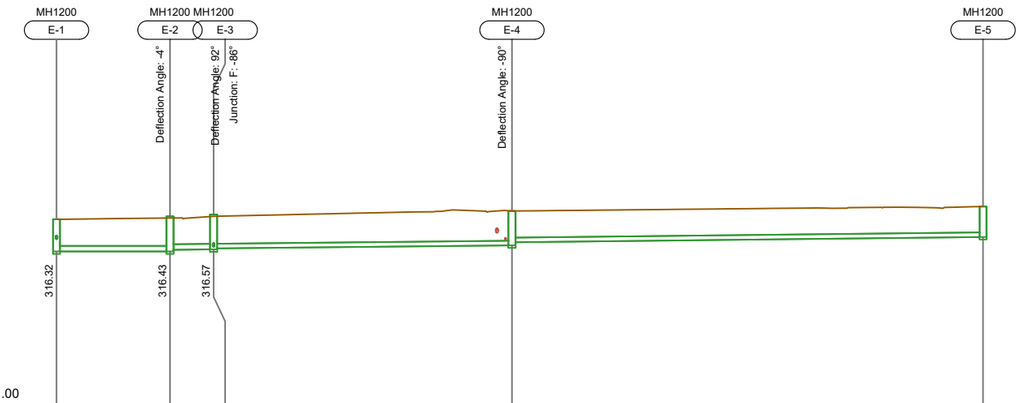
PROJECT	**P240103**
DRAWING NO	**003**
SHEET	**410**
REVISION	**4**
SCALE (A3)	**1:2000**



DATUM RL (m): 301.00

LID LEVEL	317.29	317.11	317.10		317.23	317.09
DEPTH TO INVERT	2.17 / 2.17	2.13	1.83 / 1.78 / 1.70		1.69	1.61 / 1.39
INVERT LEVEL	314.98 / 314.98	315.28	315.33 / 315.41		315.54	315.62 / 315.70
PIPE CHAINAGE	0.00	8.19	13.02		52.48	76.67
PIPE LENGTH (m)	L=8.19m	L=4.83m	L=39.45m			L=24.19m
PIPE SIZE (mm)	300mm	300mm	300mm			300mm
PIPE TYPE	Class=uPVC SN8		Class=uPVC SN8			Class=uPVC SN8
PIPE GRADE (%)	-0%	1%	0.33%			0.33%
PIPE GRADE (1 in)		1 in 100	1 in 300			1 in 300

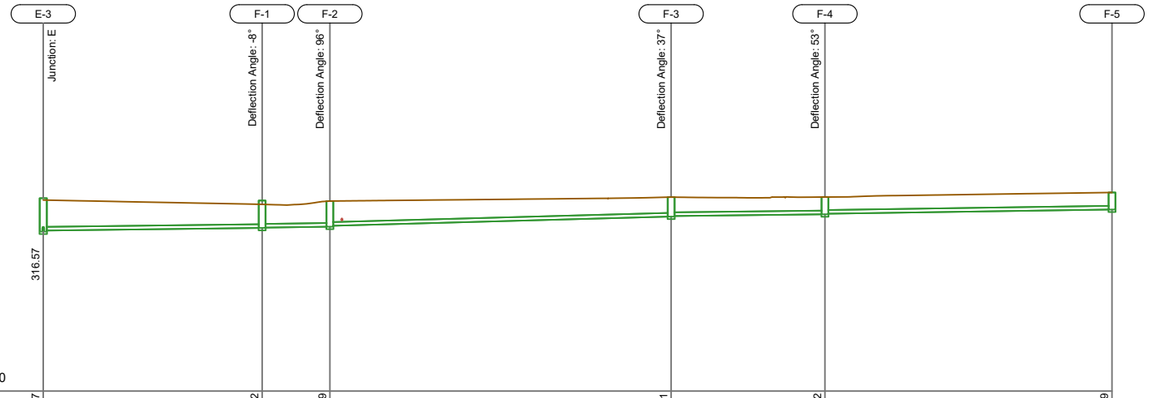
LONG SECTION: D



301.00

LID LEVEL	316.32	316.43	316.57		317.00	317.37
DEPTH TO INVERT	2.63 / 2.63	2.86	2.73 / 2.85	2.77	2.80	2.54 / 2.49
INVERT LEVEL	313.71 / 313.71	313.84	313.88 / 314.10	314.20	314.20	314.46 / 314.88
PIPE CHAINAGE	0.00	18.51	25.62 / 46.21	47.61	74.28	151.12
PIPE LENGTH (m)	L=18.51m	L=7.11m	L=48.66m			L=76.84m
PIPE SIZE (mm)	525mm	525mm	450mm			450mm
PIPE TYPE	Class=uPVC SN8	Class=uPVC SN8	Class=uPVC SN8			Class=uPVC SN8
PIPE GRADE (%)	0%	0.33%	0.33%			0.55%
PIPE GRADE (1 in)	1 in 1000000	1 in 300	1 in 300			1 in 182

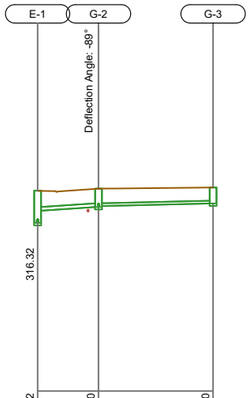
LONG SECTION: E



DATUM RL (m): 301.00

LID LEVEL	316.57	316.22	316.49	316.81	316.82	317.19
DEPTH TO INVERT	2.72 / 2.63	1.92	1.89 / 2.09 / 2.01	1.59	1.54 / 1.41	1.36 / 1.39
INVERT LEVEL	314.01 / 314.09	314.30	314.33 / 314.40 / 314.50 / 314.48	315.22	315.27 / 315.41	315.46 / 315.80
PIPE CHAINAGE	0.00	35.70	46.75 / 1.96	102.41	127.49	174.32
PIPE LENGTH (m)	L=27.26m	L=19.40m	L=55.66m	L=25.08m		L=46.82m
PIPE SIZE (mm)	300mm	300mm	300mm	300mm		300mm
PIPE TYPE	Class=uPVC SN8	Class=uPVC SN8	Class=uPVC SN8	Class=uPVC SN8		Class=uPVC SN8
PIPE GRADE (%)	0.77%	1.13%	1.07%	0.55%		0.73%
PIPE GRADE (1 in)	1 in 130.5	1 in 88.4	1 in 93.9	1 in 182.3		1 in 137.6

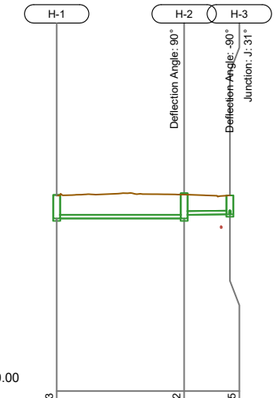
LONG SECTION: F



300.00

LID LEVEL	316.32	316.50	316.60
DEPTH TO INVERT	1.63 / 2.63	1.50	1.42 / 1.30
INVERT LEVEL	314.37 / 314.71	315.01	315.09 / 315.29
PIPE CHAINAGE	0.00 / 8.22	9.93	28.62
PIPE LENGTH (m)			
PIPE SIZE (mm)	300mm	225mm	
PIPE TYPE	uPVC SN8	uPVC SN8	
PIPE GRADE (%)	3.0%	1.11%	
PIPE GRADE (1 in)	1 in 33.06	1 in 90.15	

LONG SECTION: G



300.00

LID LEVEL	315.93	316.02	315.95
DEPTH TO INVERT	1.86 / 1.86	1.95	1.65 / 1.54
INVERT LEVEL	314.07 / 314.07	314.07	314.40 / 314.37 / 314.41
PIPE CHAINAGE	0.00	20.79	6.02 / 28.25
PIPE LENGTH (m)		L=10.39m	L=11.25m
PIPE SIZE (mm)		300mm	300mm
PIPE TYPE		Class=uPVC SN8	Class=uPVC SN8
PIPE GRADE (%)		0%	0.33%
PIPE GRADE (1 in)		1 in 1000000	1 in 300

LONG SECTION: H

patersons.
Land Professionals

CLIENT

MT IRON JUNCTION LTD

JUNCTION ROAD, WANAKA

DRAWING TITLE

CONSENT ENGINEERING DESIGN

STORMWATER LONGSECTIONS

DATUM INFORMATION
COORDINATE SYSTEM NZGD 2000
LINDIS PEAK CIRCUIT
DATUM NZVD2016
ORIGIN OF COORDINATES
ORIGIN OF LEVELS

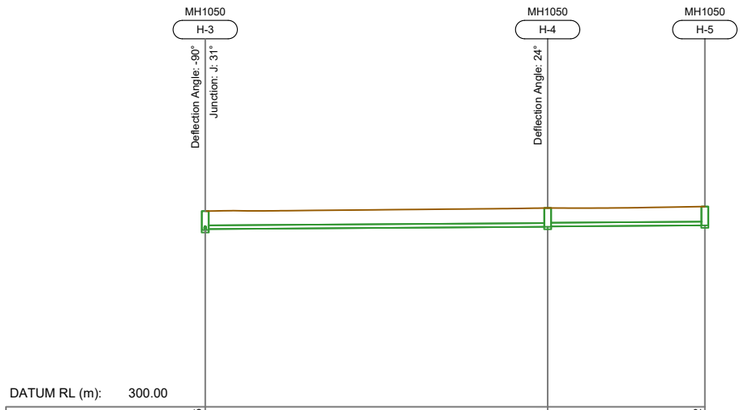
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED LIDAR
DESIGNED PHJ
DRAWN SS
REVIEWED AH
APPROVED DLW

© Paterson Pitts Limited Partnership

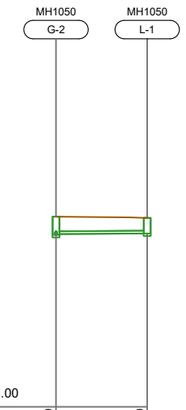
PROJECT **P240103**
DRAWING NO **003**
SHEET **411**
REVISION **4**
SCALE (A3) **1:2000**



DATUM RL (m): 300.00

LID LEVEL	315.95		316.21		316.32	
DEPTH TO INVERT	1.54	1.46	1.54	1.51	1.53	
INVERT LEVEL	314.41	314.49	314.67	314.70		314.79
PIPE CHAINAGE	28.25		84.10		109.73	
PIPE LENGTH (m)		L=55.85m			L=25.64m	
PIPE SIZE (mm)		300mm			300mm	
PIPE TYPE		Class=uPVC SN8			Class=uPVC SN8	
PIPE GRADE (%)		0.33%			0.33%	
PIPE GRADE (1 in)		1 in 299.2			1 in 300	

LONG SECTION: H



DATUM RL (m): 301.00

LID LEVEL	316.50		316.40
DEPTH TO INVERT	1.50	1.42	1.25 1.25
INVERT LEVEL	315.08 315.01		315.15
PIPE CHAINAGE	0.00		14.88
PIPE LENGTH (m)			
PIPE SIZE (mm)		225mm	
PIPE TYPE		uPVC SN8	
PIPE GRADE (%)		0.5%	
PIPE GRADE (1 in)		1 in 200	

LONG SECTION: L

DATUM RL (m): 300.00

LID LEVEL	315.76		315.75		315.90		316.50		316.97		300.00	315.95 316.19
DEPTH TO INVERT		2.59		2.58 2.58		2.29 2.32 2.29		2.60 2.60		2.52 2.50 2.50		1.54 1.52 1.64
INVERT LEVEL	313.17		313.17 313.17		313.53 313.55 313.57		313.58 313.58 313.61		313.90 313.90 313.98		314.47	314.41 314.43 314.55
PIPE CHAINAGE	0.00		15.33	16.16 21.61 26.35		43.86		131.69		225.90		0.00 36.28
PIPE LENGTH (m)		L=8.26m		L=32.34m		L=87.82m		L=94.22m				L=17.69m
PIPE SIZE (mm)		450mm		375mm		375mm		300mm				300mm
PIPE TYPE		Class=uPVC SN8		Class=uPVC SN8		Class=uPVC SN8		Class=uPVC SN8				Class=uPVC SN8
PIPE GRADE (%)		0%		-0.33%		-0.33%		-0.57%				0.48%
PIPE GRADE (1 in)		1 in 318829.6		1 in -300		1 in -300		1 in -174.5				1 in 208.1

LONG SECTION: I

LONG SECTION: J

patersons.
Land Professionals

CLIENT

MT IRON JUNCTION LTD

JUNCTION ROAD, WANAKA

DRAWING TITLE

CONSENT ENGINEERING DESIGN

STORMWATER LONGSECTIONS

DATUM INFORMATION
COORDINATE SYSTEM NZGD 2000
LINDIS PEAK CIRCUIT
DATUM NZVD2016
ORIGIN OF COORDINATES
ORIGIN OF LEVELS

REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED LIDAR
DESIGNED PHJ
DRAWN SS
REVIEWED AH
APPROVED DLW

© Paterson Pitts Limited Partnership

PROJECT **P240103**
DRAWING NO **003**
SHEET **412**
REVISION **4**
SCALE (A3) **1:2000**

PT CLOSED ROAD BLOCK IV
LOWER WANAKA SURVEY DISTRICT

EXISTING Ø 375mm
WASTEWATER MAIN

MH7-4
Ø1050mm
d=1.42m
CH 214.04m

IL 317.78m

1.00 %
Ø 150mm

MH7-3
Ø1050mm
d=1.37m
CH 155.93m

IL 317.20m

IL 317.17m

0.55 %
Ø 150mm

IL 316.48m

MH7-2
Ø1050mm
d=1.21m
CH 30.64m

IL 316.39m

0.55 %
Ø 150mm

IL 316.22m

MH1-15
Ø1050mm
d=1.54m
CH 613.79m

SOAKPIT A
9m² FOOTPRINT

1.00 %
Ø 150mm

IL 316.48m

IL 316.45m

1.00 %
Ø 150mm

IL 315.99m

MH1-13
Ø1050mm
d=1.72m
CH 550.75m

IL 316.53m

1.00 %
Ø 150mm

IL 316.74m

MH1-14
Ø1050mm
d=1.47m
CH 592.74m

MH1-14
Ø1050mm
d=0.90m
CH 20.91

IL 315.91m

0.55 %
Ø 150mm

IL 315.67m

MH1-12
Ø1050mm
d=1.55m
CH 506.89m

IL 315.59m

Ø 150mm

LOT 1
DP 15016

STATE HIGHWAY 84

700

NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES.

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER.

3. ALL PIPE DIAMETERS ARE NOMINAL DIAMETER UNLESS OTHERWISE STATED.

4. CHAINAGES SHOWN FOR LOT LATERAL CONNECTIONS ARE FROM CENTRE OF DOWNSTREAM MANHOLE.

5. ALL LOT LATERALS ARE Ø100mm UNLESS OTHERWISE STATED.

6. ALL STORMWATER AND WASTEWATER MANHOLES ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT & SUBDIVISION CODE OF PRACTICE STANDARD DRAWINGS B1-5 & B1-6.

WASTEWATER LEGEND

- LOT BOUNDARIES
- FS INFRASTRUCTURE
- FS INFRASTRUCTURE EXISTING
- FS INFRASTRUCTURE EXISTING (TO BE DECOMMISSIONED)
- FS LATERAL
- MAINTENANCE SHAFT

patersons.
Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
WASTEWATER LAYOUT
SHEET A

DATUM INFORMATION
COORDINATE SYSTEM NZGD 2000
LINDIS PEAK CIRCUIT
DATUM NZVD2016
ORIGIN OF COORDINATES
ORIGIN OF LEVELS

REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED LIDAR
DESIGNED PHJ
DRAWN SS
REVIEWED AH
APPROVED DLW

© Paterson Pitts Limited Partnership

PROJECT **P240103**
DRAWING NO **003**
SHEET **500A**
REVISION **4**
SCALE (A3) **1:600**

PT CLOSED ROAD BLOCK IV
LOWER WANAKA SURVEY DISTRICT

EXISTING Ø 375mm WASTEWATER MAIN

EXISTING Ø 375mm WASTEWATER MAIN (TO BE DECOMMISSIONED)

MHB-1 Ø1050mm d=2.25 CH 0.00m
IL 316.06m
IL 316.22m
0.55 % Ø 150mm
IL 316.39m
MH7-1 Ø1050mm d=2.03m CH 0.00
MH7-2 Ø1050mm d=1.21m CH 30.64m
1.20 % Ø 150mm
IL 316.65m
MHB-2 Ø1050mm d=0.98 CH 48.62

0.33 % Ø 375mm
IL 315.68m
IL 315.58m
MHTR-8 Ø1050mm d=1.76m CH 363.82m
MHTR-7 Ø1050mm d=1.55m CH 331.55m
MH2-4 Ø1050mm d=1.96m CH 286.51
IL 315.55m

MH2-3 Ø1050mm d=2.28m CH 269.38m
IL 315.04m
0.33 % Ø 375mm
IL 315.42m
IL 315.45m
IL 315.12m
1.00 % Ø 150mm
IL 315.30m
IL 315.35m
1.52 % Ø 150mm
IL 315.80m
MH2-5 Ø1050mm d=1.16m 331.51m

0.55 % Ø 150mm
MHTR-6 Ø1050mm d=1.88m CH 301.77m
0.33 % Ø 375mm
MH2-2 Ø1050mm d=2.41m CH 188.38m
IL 314.59m
IL 314.56m
IL 315.19m
IL 315.16m
MHTR-5 Ø1050mm d=1.80m CH 233.32m
0.33 % Ø 375m

MH4-1 Ø1050mm d=1.25m CH 60.92m
IL 315.27m
1.00 % Ø 150mm
IL 314.66m

MH5-1 Ø1050mm d=1.63m CH 66.45m
IL 314.89m
OADS 2 and 3 ,
.0m CARRIAGEW
* 1.5m footpaths,
recessed 45° angle
4.3m to face of kerb

MH3-3 Ø1050mm d=1.31m CH 100.02m
IL 315.51m
IL 315.40m
IL 315.35m
1.00 % Ø 150mm
IL 314.81m
IL 314.78m
MH3-2 Ø1050mm d=1.43m CH 91.43m
MH3-1 Ø1050mm d=1.74m CH 36.57m

100
101
102
201
803
804
153.96 m²

NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES.

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER.

3. ALL PIPE DIAMETERS ARE NOMINAL DIAMETER UNLESS OTHERWISE STATED.

4. CHAINAGES SHOWN FOR LOT LATERAL CONNECTIONS ARE FROM CENTRE OF DOWNSTREAM MANHOLE.

5. ALL LOT LATERALS ARE Ø100mm UNLESS OTHERWISE STATED.

6. ALL STORMWATER AND WASTEWATER MANHOLES ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT & SUBDIVISION CODE OF PRACTICE STANDARD DRAWINGS B1-5 & B1-6.

WASTEWATER LEGEND

- LOT BOUNDARIES
- FS INFRASTRUCTURE
- FS INFRASTRUCTURE EXISTING
- FS INFRASTRUCTURE EXISTING (TO BE DECOMMISSIONED)
- FS LATERAL
- MAINTENANCE SHAFT

patersons. Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
WASTEWATER LAYOUT
SHEET B

DATUM INFORMATION
COORDINATE SYSTEM NZGD 2000
LINDIS PEAK CIRCUIT
DATUM NZVD2016
ORIGIN OF COORDINATES
ORIGIN OF LEVELS

REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED LIDAR
DESIGNED PHJ
DRAWN SS
REVIEWED AH
APPROVED DLW

© Paterson Pitts Limited Partnership

PROJECT **P240103**
DRAWING NO **003**
SHEET **500B**
REVISION **4**
SCALE (A3) **1:600**

LOT 2
DP 338608

LOT 2
DP 314781

EXISTING Ø 375mm
WASTEWATER MAIN
(TO BE
DECOMMISSIONED)

LOT 2
DP 614617

LOT 1
DP 614617

LOT 2
DP 571619

PUMP STATION DETAIL TO BE
AGREED WITH QLDC P&I PRIOR TO
ENGINEERING ACCEPTANCE

807
MH1-1
Ø1050mm
d=3.30m
CH 0.00m

Rising main discharge
manhole to be confirmed

MH1-2
Ø1050mm
d=3.27m
CH 42.04m

MHTR-1
EXISTING
Ø1050mm
d=1.28m
CH 0.00m

MHTR-2
Ø1050mm
d=1.42m
CH 18.66m

MHTR-3
Ø1050mm
d=1.42m
CH 43.44m

MHTR-4
Ø1050mm
d=1.68m
CH 143.58m

MH2-1
Ø1050mm
d=2.05m
CH 88.39m

MH1-3
Ø1050mm
d=3.17m
CH 64.35m

MH1-4
Ø1050mm
d=2.63m
CH 162.84m

MH1-5
Ø1050mm
d=2.56m
CH 211.21m

MH1-6
Ø1050mm
d=2.52m
CH 240.70m

MH5-1
Ø1050mm
d=1.63m
CH 66.45m

MH6-1
Ø1050mm
d=1.60m
CH 43.57m

CARPARK 8B,
CLASS 2 USER (7 CARPARKS)
6.6M AISLE WIDTH, 2.64M WIDE, 5M DEEP

CARPARK 8A,
CLASS 1 USER (36 CARPARKS ALLOCATED)
6.6m AISLE WIDTH, 2.5m WIDE, 5m DEEP

LOT 6
DP 577254

LOT 7
DP 577254

STATE HIGHWAY 6

NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES.

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER.

3. ALL PIPE DIAMETERS ARE NOMINAL DIAMETER UNLESS OTHERWISE STATED.

4. CHAINAGES SHOWN FOR LOT LATERAL CONNECTIONS ARE FROM CENTRE OF DOWNSTREAM MANHOLE.

5. ALL LOT LATERALS ARE Ø100mm UNLESS OTHERWISE STATED.

6. ALL STORMWATER AND WASTEWATER MANHOLES ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT & SUBDIVISION CODE OF PRACTICE STANDARD DRAWINGS B1-5 & B1-6.

WASTEWATER LEGEND

- LOT BOUNDARIES
- FS INFRASTRUCTURE
- FS INFRASTRUCTURE EXISTING
- FS INFRASTRUCTURE EXISTING (TO BE DECOMMISSIONED)
- FS LATERAL
- MAINTENANCE SHAFT

patersons.
Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
WASTEWATER LAYOUT
SHEET C

DATUM INFORMATION	
COORDINATE SYSTEM	NZGD 2000
	LINDIS PEAK CIRCUIT
DATUM	NZVD2016
ORIGIN OF COORDINATES	
ORIGIN OF LEVELS	

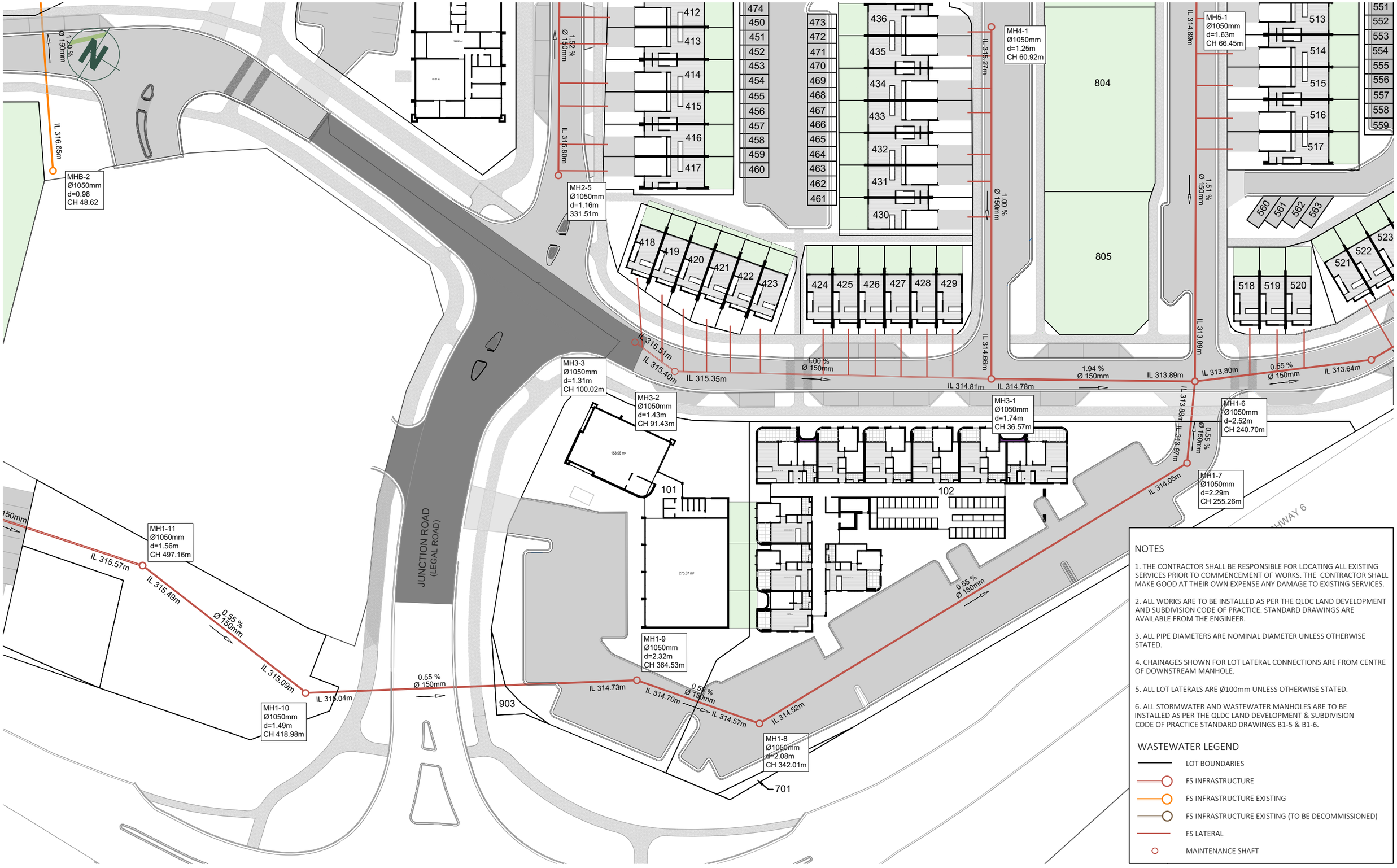
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED	LIDAR
DESIGNED	PHJ
DRAWN	SS
REVIEWED	AH
APPROVED	DLW

© Paterson Pitts Limited Partnership

PROJECT	**P240103**
DRAWING NO	**003**
SHEET	**500C**
REVISION	**4**
SCALE (A3)	**1:600**



NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES.

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER.

3. ALL PIPE DIAMETERS ARE NOMINAL DIAMETER UNLESS OTHERWISE STATED.

4. CHAINAGES SHOWN FOR LOT LATERAL CONNECTIONS ARE FROM CENTRE OF DOWNSTREAM MANHOLE.

5. ALL LOT LATERALS ARE Ø100mm UNLESS OTHERWISE STATED.

6. ALL STORMWATER AND WASTEWATER MANHOLES ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT & SUBDIVISION CODE OF PRACTICE STANDARD DRAWINGS B1-5 & B1-6.

WASTEWATER LEGEND

- LOT BOUNDARIES
- FS INFRASTRUCTURE
- FS INFRASTRUCTURE EXISTING
- FS INFRASTRUCTURE EXISTING (TO BE DECOMMISSIONED)
- FS LATERAL
- MAINTENANCE SHAFT

patersons.
Land Professionals

CLIENT

MT IRON JUNCTION LTD

JUNCTION ROAD, WANAKA

DRAWING TITLE

CONSENT ENGINEERING DESIGN

WASTEWATER LAYOUT

SHEET D

DATUM INFORMATION

COORDINATE SYSTEM	NZGD 2000
	LINDIS PEAK CIRCUIT
DATUM	NZVD2016
ORIGIN OF COORDINATES	
ORIGIN OF LEVELS	

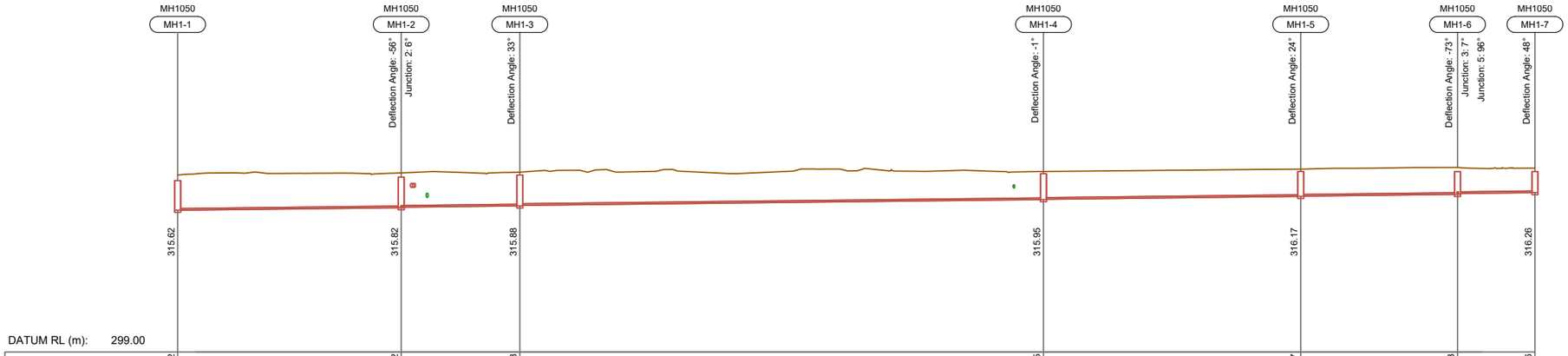
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED	LIDAR
DESIGNED	PHJ
DRAWN	SS
REVIEWED	AH
APPROVED	DLW

© Paterson Pitts Limited Partnership

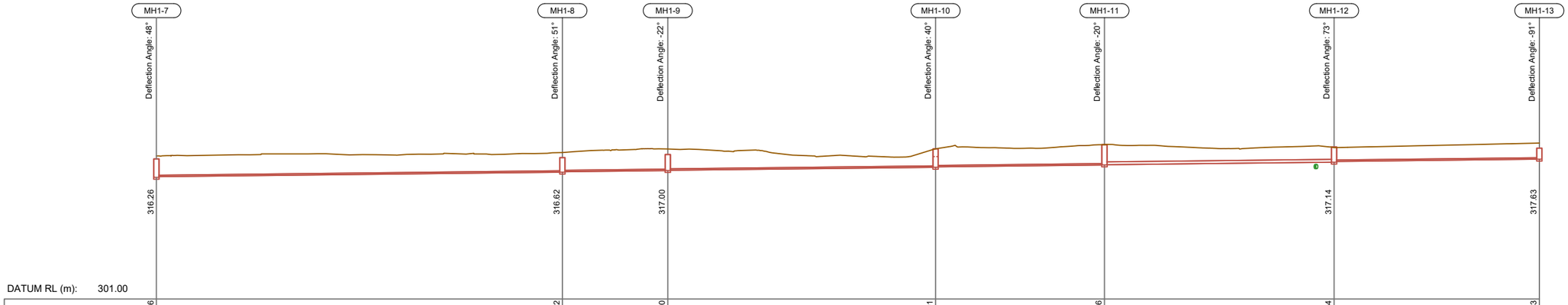
PROJECT	**P240103**
DRAWING NO	**003**
SHEET	**500D**
REVISION	**4**
SCALE (A3)	**1:600**



DATUM RL (m): 299.00

LID LEVEL	315.62	315.82	315.88	315.95	316.17	316.33	316.26
DEPTH TO INVERT	3.30 / 3.30	3.27 / 3.22	3.16 / 3.11	2.63 / 2.60	2.56 / 2.53	2.52 / 2.44	2.29
INVERT LEVEL	312.22 / 312.22	312.55 / 312.61 / 312.62	312.72 / 312.72 / 312.71	313.31 / 313.34	313.61 / 313.64	313.80 / 313.88	313.97
PIPE CHAINAGE	0.00	42.04 / 2.21 / 4.90	64.35 / 92.84	162.84	211.21	240.70	255.26
PIPE LENGTH (m)	L=42.04m	L=22.31m	L=98.49m	L=48.37m	L=30.79m	L=14.23m	
PIPE SIZE (mm)	150mm	150mm	150mm	150mm	150mm	150mm	
PIPE TYPE	Class=uPVC SN8	Class=uPVC SN8	Class=uPVC SN8	Class=uPVC SN8	Class=uPVC SN8	Class=uPVC SN8	
PIPE GRADE (%)	0.78%	0.55%	0.55%	0.55%	0.55%	0.55%	
PIPE GRADE (1 in)	1 in 127.4	1 in 181.8	1 in 181.8	1 in 181.8	1 in 181.8	1 in 181.8	

LONG SECTION: 1



DATUM RL (m): 301.00

LID LEVEL	316.26	316.62	317.00	317.01	317.46	317.14	317.63
DEPTH TO INVERT	2.29 / 2.21	2.09 / 2.04	2.30 / 2.27	1.97 / 1.92	2.17 / 2.14	1.55 / 1.47	1.72
INVERT LEVEL	313.97 / 314.05	314.52 / 314.57	314.70 / 314.73	315.04 / 315.09	315.29 / 315.32	315.59 / 315.67	315.91
PIPE CHAINAGE	255.26	342.01	364.53	421.74	457.83 / 45.19	506.89	550.75
PIPE LENGTH (m)	L=86.75m	L=22.52m	L=57.21m	L=78.18m		L=60.35m	
PIPE SIZE (mm)	150mm	150mm	150mm	150mm	300mm	150mm	
PIPE TYPE	Class=uPVC SN8	Class=uPVC SN8	Class=uPVC SN8	Class=uPVC SN8	Class=uPVC SN8	Class=uPVC SN8	
PIPE GRADE (%)	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	
PIPE GRADE (1 in)	1 in 181.8	1 in 181.8	1 in 181.8	1 in 181.8	1 in 181.8	1 in 181.7	

LONG SECTION: 1

patersons.
Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
WASTEWATER LONGSECTIONS 1

DATUM INFORMATION
COORDINATE SYSTEM NZGD 2000
LINDIS PEAK CIRCUIT
DATUM NZVD2016
ORIGIN OF COORDINATES
ORIGIN OF LEVELS

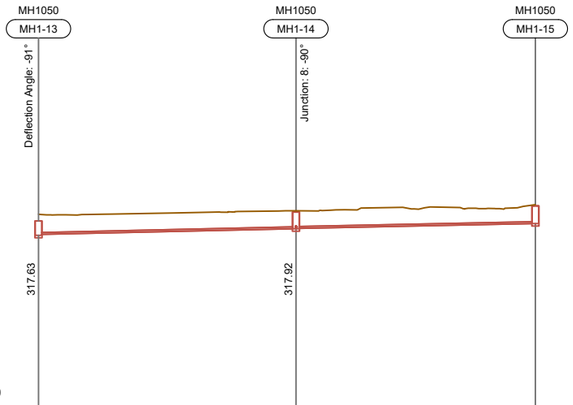
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED LIDAR
DESIGNED PHJ
DRAWN SS
REVIEWED AH
APPROVED DLW

© Paterson Pitts Limited Partnership

PROJECT **P240103**
DRAWING NO **003**
SHEET **510**
REVISION **4**
SCALE (A3) **1:2000**



DATUM RL (m): 302.00

LID LEVEL	317.63	317.92	318.41
DEPTH TO INVERT	1.72 / 1.64	1.47 / 1.44	1.54
INVERT LEVEL	315.91 / 315.99	316.45 / 316.48	316.87
PIPE CHAINAGE	550.75	592.74	631.79
PIPE LENGTH (m)		L=41.99m	L=39.05m
PIPE SIZE (mm)		150mm	150mm
PIPE TYPE		Class=uPVC SN8	Class=uPVC SN8
PIPE GRADE (%)		1.12%	1%
PIPE GRADE (1 in)		1 in 89.4	1 in 100.5

LONG SECTION: 1



DATUM RL (m): 300.00

LID LEVEL	315.82	316.47	316.97	317.32	317.25
DEPTH TO INVERT	3.27 / 3.23	2.49 / 2.46	2.41 / 2.38	2.28 / 2.20	1.96
INVERT LEVEL	312.55 / 312.59	313.98 / 314.01	314.56 / 314.59	315.04 / 315.12	315.30
PIPE CHAINAGE	0.00 / 11.51	88.39	188.38 / 13.11	269.38 / 5.47	286.51
PIPE LENGTH (m)	L=88.39m	L=99.99m	L=81.00m	L=18.27m	
PIPE SIZE (mm)	150mm	150mm	150mm	150mm	
PIPE TYPE	Class=uPVC SN8	Class=uPVC SN8	Class=uPVC SN8	Class=uPVC SN8	
PIPE GRADE (%)	1.57%	0.55%	0.55%	1%	
PIPE GRADE (1 in)	1 in 63.6	1 in 181.8	1 in 181.8	1 in 100	

LONG SECTION: 2

patersons. Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
WASTEWATER LONGSECTIONS 2

DATUM INFORMATION
COORDINATE SYSTEM NZGD 2000 / LINDIS PEAK CIRCUIT
DATUM NZVD2016
ORIGIN OF COORDINATES
ORIGIN OF LEVELS

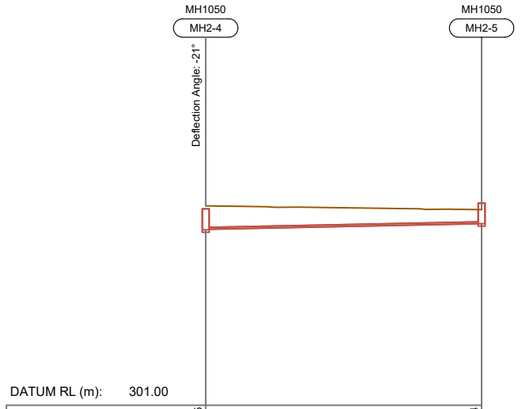
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED LIDAR
DESIGNED PHJ
DRAWN SS
REVIEWED AH
APPROVED DLW

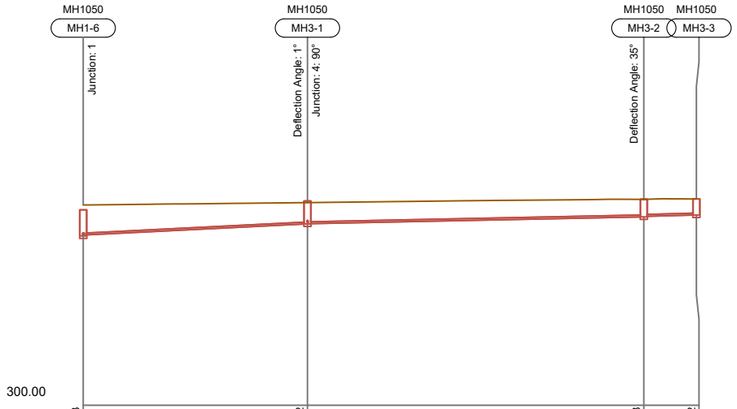
© Paterson Pitts Limited Partnership

PROJECT **P240103**
DRAWING NO **003**
SHEET **511**
REVISION **4**
SCALE (A3) **1:2000**



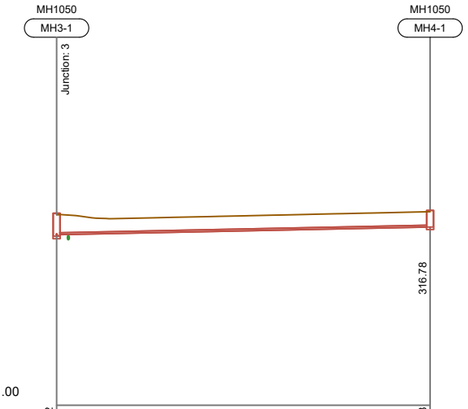
DATUM RL (m):	301.00		
LID LEVEL	317.25		316.94
DEPTH TO INVERT	1.96 / 1.91		1.16
INVERT LEVEL	315.30 / 315.35		315.80
PIPE CHAINAGE	286.51		331.51
PIPE LENGTH (m)	L=45.00m		
PIPE SIZE (mm)	150mm		
PIPE TYPE	Class=uPVC SN8		
PIPE GRADE (%)	1%		
PIPE GRADE (1 in)	1 in 99.7		

LONG SECTION: 2



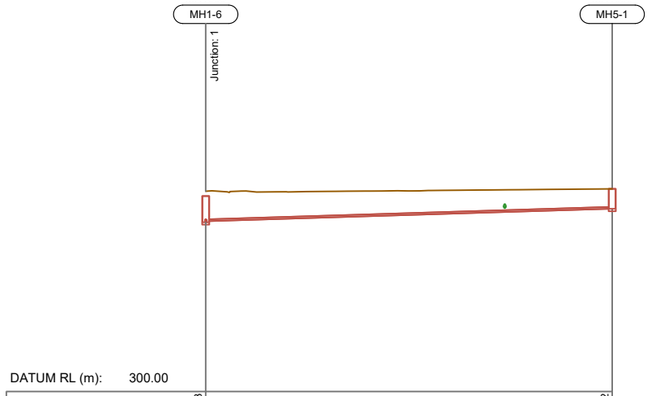
300.00			
	316.33	316.52	316.78 / 316.82
	2.52 / 2.44	1.74 / 1.71	1.43 / 1.38 / 1.31
	313.80 / 313.89	314.78 / 314.81	315.35 / 315.40 / 315.51
	0.00	36.57	91.43 / 100.02
	L=35.29m	L=60.30m	
	150mm	150mm	150mm
	Class=uPVC SN8	Class=uPVC SN8	
	1.94%	1%	
	1 in 51.5	1 in 100	

LONG SECTION: 3



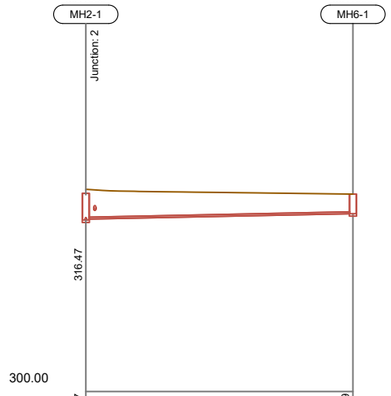
301.00		
	316.52	316.78
	1.74 / 1.61	1.25
	314.78 / 314.92	315.52
	0.00 / 1.91	60.92
	L=61.48m	
	150mm	
	Class=uPVC SN8	
	1%	
	1 in 100	

LONG SECTION: 4



DATUM RL (m):	300.00	
LID LEVEL	316.33	316.52
DEPTH TO INVERT	2.52 / 2.44	1.63
INVERT LEVEL	313.80 / 313.89	314.89
PIPE CHAINAGE	0.00 / 48.78	66.30
PIPE LENGTH (m)	L=66.30m	
PIPE SIZE (mm)	150mm	
PIPE TYPE	Class=uPVC SN8	
PIPE GRADE (%)	1.52%	
PIPE GRADE (1 in)	1 in 66	

LONG SECTION: 5



300.00		
	316.47	316.09
	2.49 / 2.41	1.60
	313.98 / 314.06	314.50
	0.00 / 1.47	43.57
	L=43.57m	
	150mm	
	Class=uPVC SN8	
	1%	
	1 in 100	

LONG SECTION: 6

patersons. Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
WASTEWATER LONGSECTIONS 3

DATUM INFORMATION
COORDINATE SYSTEM NZGD 2000
LINDIS PEAK CIRCUIT
DATUM NZVD2016
ORIGIN OF COORDINATES
ORIGIN OF LEVELS

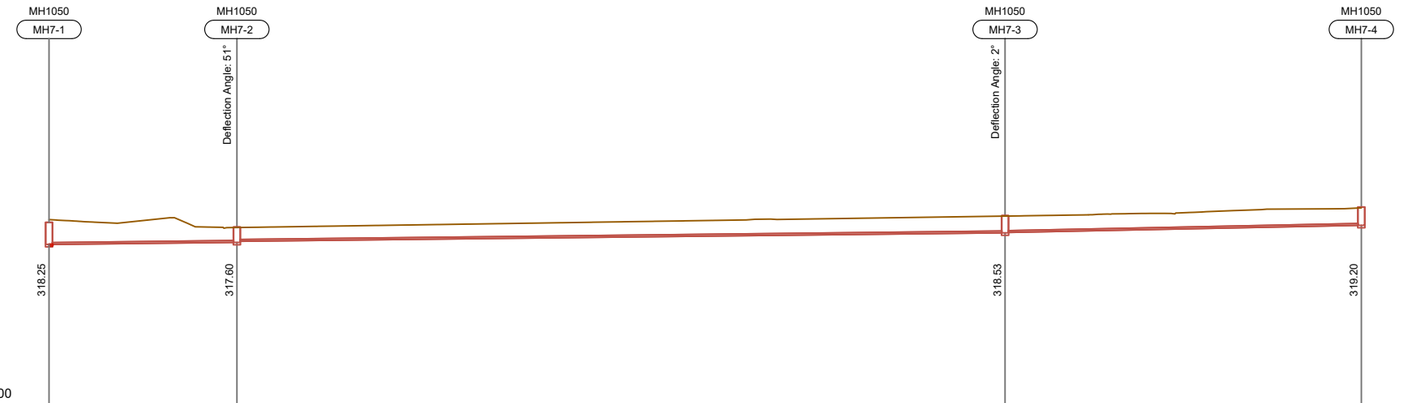
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED LIDAR
DESIGNED PHJ
DRAWN SS
REVIEWED AH
APPROVED DLW

© Paterson Pitts Limited Partnership

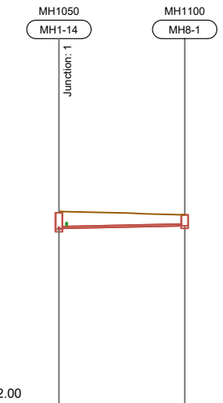
PROJECT **P240103**
DRAWING NO **003**
SHEET **512**
REVISION **4**
SCALE (A3) **1:2000**



303.00

LID LEVEL	318.25		317.60		318.53	319.20	
DEPTH TO INVERT	2.03	2.03	1.21	1.12	1.37	1.34	1.42
INVERT LEVEL		316.22	316.39	316.48	317.17	317.20	317.78
PIPE CHAINAGE	0.00		30.64		155.93		214.04
PIPE LENGTH (m)		L=30.64m		L=125.29m		L=65.39m	
PIPE SIZE (mm)		150mm		150mm		150mm	
PIPE TYPE		Class=uPVC SN8		Class=uPVC SN8		Class=uPVC SN8	
PIPE GRADE (%)		0.55%		0.55%		1%	
PIPE GRADE (1 in)		1 in 181.8		1 in 181.8		1 in 100	

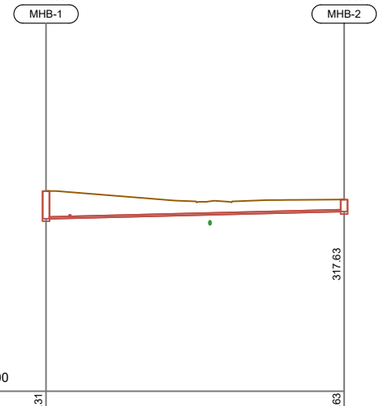
LONG SECTION: 7



302.00

LID LEVEL	317.92		317.63
DEPTH TO INVERT	1.47	1.39	0.90
INVERT LEVEL	316.45	316.53	316.74
PIPE CHAINAGE	0.00	1.26	20.51
PIPE LENGTH (m)		L=20.51m	
PIPE SIZE (mm)		150mm	
PIPE TYPE		Class=uPVC SN8	
PIPE GRADE (%)		1%	
PIPE GRADE (1 in)		1 in 100	

LONG SECTION: 8



DATUM RL (m): 302.00

LID LEVEL	318.31		317.63
DEPTH TO INVERT	2.25	2.25	0.98
INVERT LEVEL	316.38	316.06	316.65
PIPE CHAINAGE	0.00	26.75	48.62
PIPE LENGTH (m)		L=48.62m	
PIPE SIZE (mm)		150mm	
PIPE TYPE		Class=uPVC SN8	
PIPE GRADE (%)		1.2%	
PIPE GRADE (1 in)		1 in 83	

EXISTING SEWER B (CALTEX)

patersons.
Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
WASTEWATER LONGSECTIONS 4

DATUM INFORMATION
COORDINATE SYSTEM NZGD 2000
LINDIS PEAK CIRCUIT
DATUM NZVD2016
ORIGIN OF COORDINATES
ORIGIN OF LEVELS

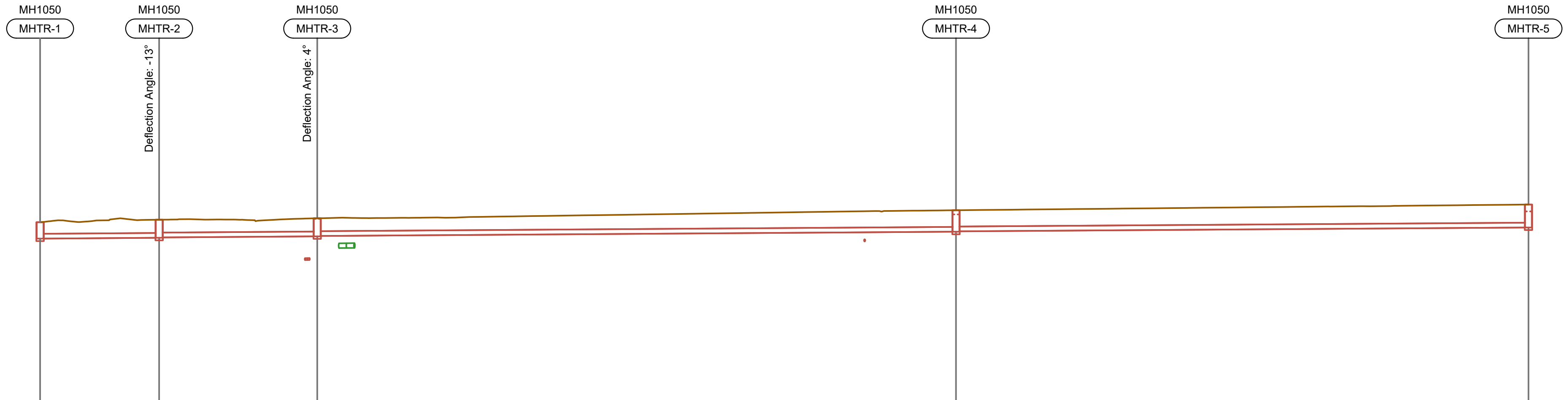
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED LIDAR
DESIGNED PHJ
DRAWN SS
REVIEWED AH
APPROVED DLW

© Paterson Pitts Limited Partnership

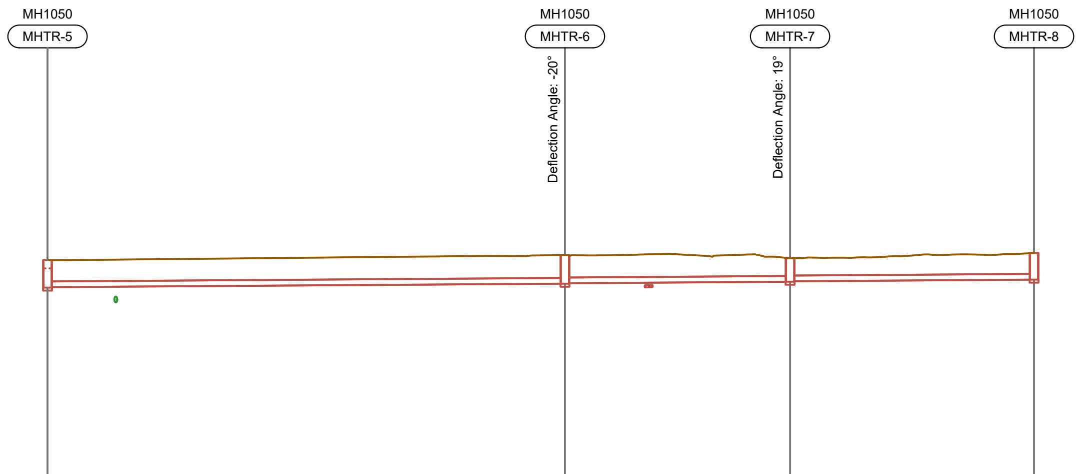
PROJECT **P240103**
DRAWING NO **003**
SHEET **513**
REVISION **4**
SCALE (A3) **1:2000**



DATUM RL (m): 300.00

LID LEVEL	315.57		315.77		315.88		316.51		316.96
DEPTH TO INVERT	1.28 1.28		1.42 1.39		1.42 1.39		1.68 1.65		1.80
INVERT LEVEL	314.29		314.35 314.46 314.38		314.46 314.51 314.49 314.78		314.83 314.86		315.16
PIPE CHAINAGE	0.00		18.66 23.22		43.44 4.63 85.81		143.58		233.32
PIPE LENGTH (m)		L=18.66m		L=24.78m		L=100.14m		L=89.74m	
PIPE SIZE (mm)		375mm		375mm		375mm		375mm	
PIPE TYPE		Class=uPVC SN8		Class=uPVC SN8		Class=uPVC SN8		Class=uPVC SN8	
PIPE GRADE (%)		0.33%		0.33%		0.33%		0.33%	
PIPE GRADE (1 in)		1 in 300		1 in 300		1 in 300		1 in 300	

LONG SECTION: TR



DATUM RL (m): 301.00

LID LEVEL	316.96		317.30		317.10		317.44
DEPTH TO INVERT	1.80 1.77		1.88 1.85		1.55 1.52		1.76
INVERT LEVEL	315.16 315.22 315.19		315.42 315.48 315.45		315.55 315.58		315.68
PIPE CHAINAGE	233.32 9.03		301.77 11.08		331.55		363.82
PIPE LENGTH (m)		L=68.45m		L=29.78m		L=32.27m	
PIPE SIZE (mm)		375mm		375mm		375mm	
PIPE TYPE		Class=uPVC SN8		Class=uPVC SN8		Class=uPVC SN8	
PIPE GRADE (%)		0.33%		0.33%		0.33%	
PIPE GRADE (1 in)		1 in 300		1 in 300		1 in 300	

patersons. Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
WASTEWATER LONGSECTIONS 5

DATUM INFORMATION
COORDINATE SYSTEM NZGD 2000
LINDIS PEAK CIRCUIT
DATUM NZVD2016
ORIGIN OF COORDINATES
ORIGIN OF LEVELS

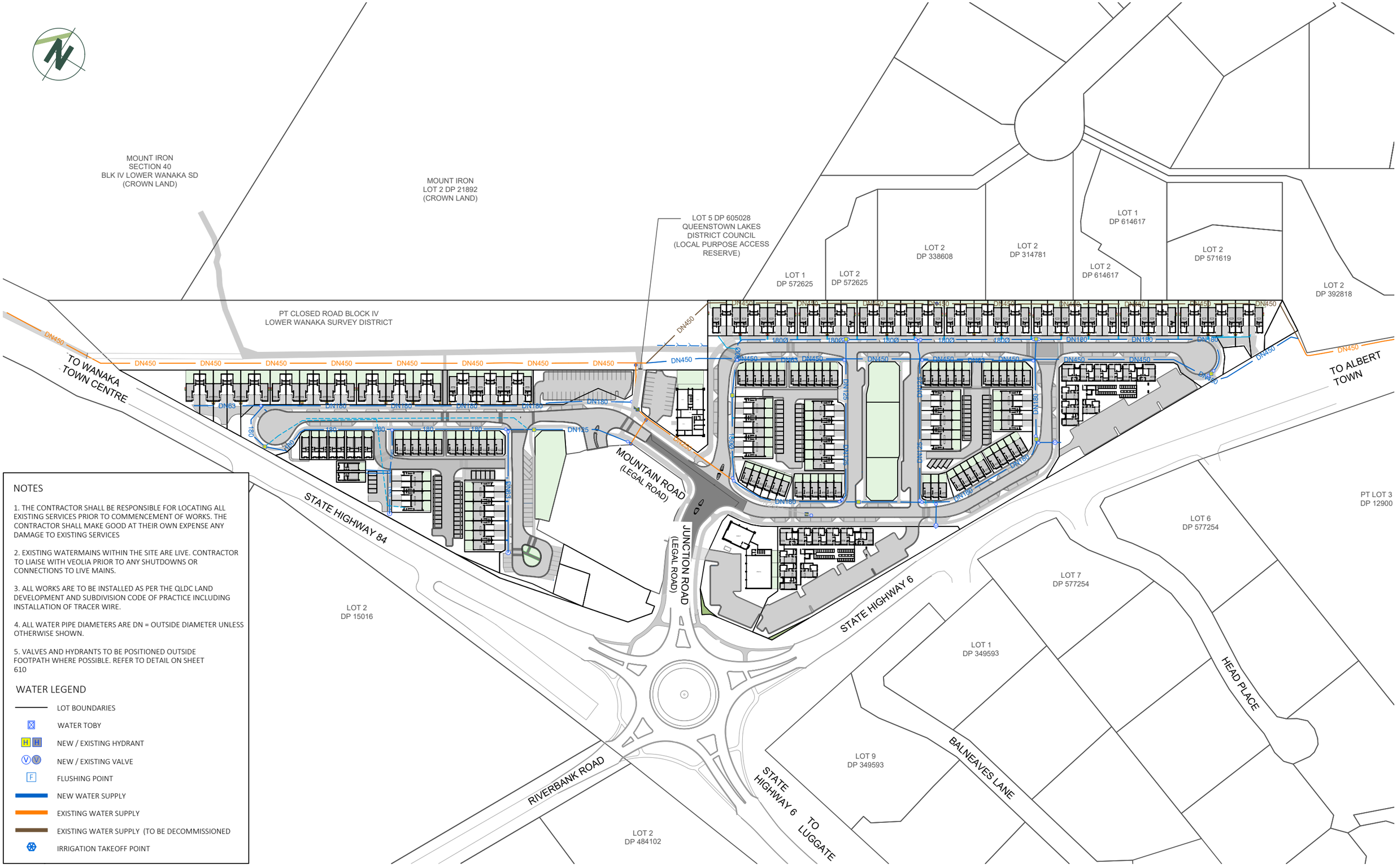
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED LIDAR
DESIGNED PHJ
DRAWN SS
REVIEWED AH
APPROVED DLW

© Paterson Pitts Limited Partnership

PROJECT **P240103**
DRAWING NO **003**
SHEET **514**
REVISION **4**
SCALE (A3) **1:2000**



NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES

2. EXISTING WATERMAINS WITHIN THE SITE ARE LIVE. CONTRACTOR TO LIAISE WITH VEOLIA PRIOR TO ANY SHUTDOWNS OR CONNECTIONS TO LIVE MAINS.

3. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE INCLUDING INSTALLATION OF TRACER WIRE.

4. ALL WATER PIPE DIAMETERS ARE DN = OUTSIDE DIAMETER UNLESS OTHERWISE SHOWN.

5. VALVES AND HYDRANTS TO BE POSITIONED OUTSIDE FOOTPATH WHERE POSSIBLE. REFER TO DETAIL ON SHEET 610

WATER LEGEND

- LOT BOUNDARIES
- WATER TOBY
- NEW / EXISTING HYDRANT
- NEW / EXISTING VALVE
- FLUSHING POINT
- NEW WATER SUPPLY
- EXISTING WATER SUPPLY
- EXISTING WATER SUPPLY (TO BE DECOMMISSIONED
- IRRIGATION TAKEOFF POINT

patersons.
Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
WATER SUPPLY - OVERVIEW PLAN

DATUM INFORMATION
COORDINATE SYSTEM NZGD 2000
LINDIS PEAK CIRCUIT
DATUM NZVD2016
ORIGIN OF COORDINATES
ORIGIN OF LEVELS

REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED LIDAR
DESIGNED PHJ
DRAWN SS
REVIEWED AH
APPROVED DLW

© Paterson Pitts Limited Partnership

PROJECT **P240103**
DRAWING NO **003**
SHEET **600**
REVISION **4**
SCALE (A3) **1:2000**

PT CLOSED ROAD BLOCK IV
LOWER WANAKA SURVEY DISTRICT

LOT 1
DP 15016

STATE HIGHWAY 84

130m

Firehose check to Lot 312

180mm - 125mm Tee
180mm Sluice valve
125mm Sluice valve

HYDRANT 129m as hose would lie via roads to front door

63mm OD Flushing point

HYDRANT more than 6m clear of building

63mm OD Flushing point

700

NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES

2. EXISTING WATERMAINS WITHIN THE SITE ARE LIVE. CONTRACTOR TO LIAISE WITH VEOLIA PRIOR TO ANY SHUTDOWNS OR CONNECTIONS TO LIVE MAINS.

3. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE INCLUDING INSTALLATION OF TRACER WIRE.

4. ALL WATER PIPE DIAMETERS ARE DN = OUTSIDE DIAMETER UNLESS OTHERWISE SHOWN.

5. VALVES AND HYDRANTS TO BE POSITIONED OUTSIDE FOOTPATH WHERE POSSIBLE. REFER TO DETAIL ON SHEET 610

WATER LEGEND

- LOT BOUNDARIES
- ACUFLOW 900 WATER TOBY
- NEW / EXISTING HYDRANT
- NEW / EXISTING VALVE
- FLUSHING POINT
- NEW WATER SUPPLY
- EXISTING WATER SUPPLY
- EXISTING WATER SUPPLY (TO BE DECOMMISSIONED
- IRRIGATION TAKEOFF POINT

patersons.
Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
WATER SUPPLY LAYOUT
SHEET A

DATUM INFORMATION
COORDINATE SYSTEM NZGD 2000
LINDIS PEAK CIRCUIT
DATUM NZVD2016
ORIGIN OF COORDINATES
ORIGIN OF LEVELS

REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED LIDAR
DESIGNED PHJ
DRAWN SS
REVIEWED AH
APPROVED DLW

© Paterson Pitts Limited Partnership

PROJECT **P240103**
DRAWING NO **003**
SHEET **600A**
REVISION **4**
SCALE (A3) **1:600**

MOUNT IRON
LOT 2 DP 21892

CROWN LAND

LOT 1
DP 572625

LOT 2
DP 572625

LOT 2
DP 338608

PT CLOSED ROAD BLOCK IV
LOWER WANAKA SURVEY DISTRICT

EXISTING DN0 WATER MAIN
(TO BE DECOMMISSIONED)

NO CONNECTION BETWEEN
DN450 TRUNK MAIN AND
DN180 WATER MAIN, DN63
CONNECTED TO DN180

63mm ID GATEVALVE

63mm ID GATEVALVE

2 * 180mm Sluice valves
180mm - 125mm Tee
125mm Sluice valve

65mm Gate Valve

NO CONNECTION BETWEEN
DN450 TRUNK MAIN AND
DN180 WATER MAIN, DN63
CONNECTED TO DN125

2*!80mm Sluice Valve
250mm-180mm Reducer
250mm _180mm Reducing Tee

EXISTING VALVE AND HYDRANT
TO BE REMOVED,
ABANDONED 250mm TO BE
BLANK CAPPED

180mm - 125mm reducing tee
125mm Sluice valve
2*180mm Sluice valve

180mm - 125mm reducing tee
125mm Sluice valve
180mm Sluice valve

NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES

2. EXISTING WATERMAINS WITHIN THE SITE ARE LIVE. CONTRACTOR TO LIAISE WITH VEOLIA PRIOR TO ANY SHUTDOWNS OR CONNECTIONS TO LIVE MAINS.

3. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE INCLUDING INSTALLATION OF TRACER WIRE.

4. ALL WATER PIPE DIAMETERS ARE DN = OUTSIDE DIAMETER UNLESS OTHERWISE SHOWN.

5. VALVES AND HYDRANTS TO BE POSITIONED OUTSIDE FOOTPATH WHERE POSSIBLE. REFER TO DETAIL ON SHEET 610

WATER LEGEND

- LOT BOUNDARIES
- ACUFLOW GM900 WATER TOBY
- NEW / EXISTING HYDRANT
- NEW / EXISTING VALVE
- FLUSHING POINT
- NEW WATER SUPPLY
- EXISTING WATER SUPPLY
- EXISTING WATER SUPPLY (TO BE DECOMMISSIONED
- IRRIGATION TAKEOFF POINT

patersons.
Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
WATER LAYOUT
SHEET B

DATUM INFORMATION
COORDINATE SYSTEM NZGD 2000
LINDIS PEAK CIRCUIT
DATUM NZVD2016
ORIGIN OF COORDINATES
ORIGIN OF LEVELS

REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED LIDAR
DESIGNED PHJ
DRAWN SS
REVIEWED AH
APPROVED DLW

© Paterson Pitts Limited Partnership

PROJECT **P240103**
DRAWING NO **003**
SHEET **600B**
REVISION **4**
SCALE (A3) **1:600**

LOT 2 DP 398608

LOT 2 DP 314781

EXISTING DN450 WATER MAIN (TO BE DECOMMISSIONED)

LOT 2 DP 614617

LOT 1 DP 614617

LOT 2 DP 571619

2 * 180mm Sluice valves
180mm - 125mm Tee
125mm Sluice valve

3 * 180mm Sluice valves and Hydrant cluster

2 * 45° Bends

130m to Hydrant

65mm Gate Valve

63mm Gate Valve

NO CONNECTION BETWEEN DN450 TRUNK MAIN AND DN125 WATER MAIN, DN63 CONNECTED TO DN125

NO CONNECTION BETWEEN DN450 TRUNK MAIN AND DN180 WATER MAIN, DN63 CONNECTED TO DN180

Hydrant
180mm Sluice Valve

CONNECT TO EXISTING DN450mm WATERMAIN

450mm -180mm reducing Tee
180mm Sluice Valve

Bulk FLow meter

DN180 BLANKCAP

180mm - 125mm reducing tee
125mm Sluice valve
180mm Sluice valve

DN180 SLUICE VALVE

Bulk FLow meter

DN180 BLANKCAP

STATE HIGHWAY 6

LOT 6 DP 577254

LOT 7 DP 577254

NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES

2. EXISTING WATERMAINS WITHIN THE SITE ARE LIVE. CONTRACTOR TO LIAISE WITH VEOLIA PRIOR TO ANY SHUTDOWNS OR CONNECTIONS TO LIVE MAINS.

3. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE INCLUDING INSTALLATION OF TRACER WIRE.

4. ALL WATER PIPE DIAMETERS ARE DN = OUTSIDE DIAMETER UNLESS OTHERWISE SHOWN.

5. VALVES AND HYDRANTS TO BE POSITIONED OUTSIDE FOOTPATH WHERE POSSIBLE. REFER TO DETAIL ON SHEET 610

WATER LEGEND

- LOT BOUNDARIES
- ACCUFLOW GM900 WATER TOBY
- NEW / EXISTING HYDRANT
- NEW / EXISTING VALVE
- FLUSHING POINT
- NEW WATER SUPPLY
- EXISTING WATER SUPPLY
- EXISTING WATER SUPPLY (TO BE DECOMMISSIONED
- IRRIGATION TAKEOFF POINT

patersons. Land Professionals

CLIENT

MT IRON JUNCTION LTD

JUNCTION ROAD, WANAKA

DRAWING TITLE

CONSENT ENGINEERING DESIGN

WATER SUPPLY LAYOUT

SHEET C

DATUM INFORMATION	
COORDINATE SYSTEM	NZGD 2000
	LINDIS PEAK CIRCUIT
DATUM	NZVD2016
ORIGIN OF COORDINATES	
ORIGIN OF LEVELS	

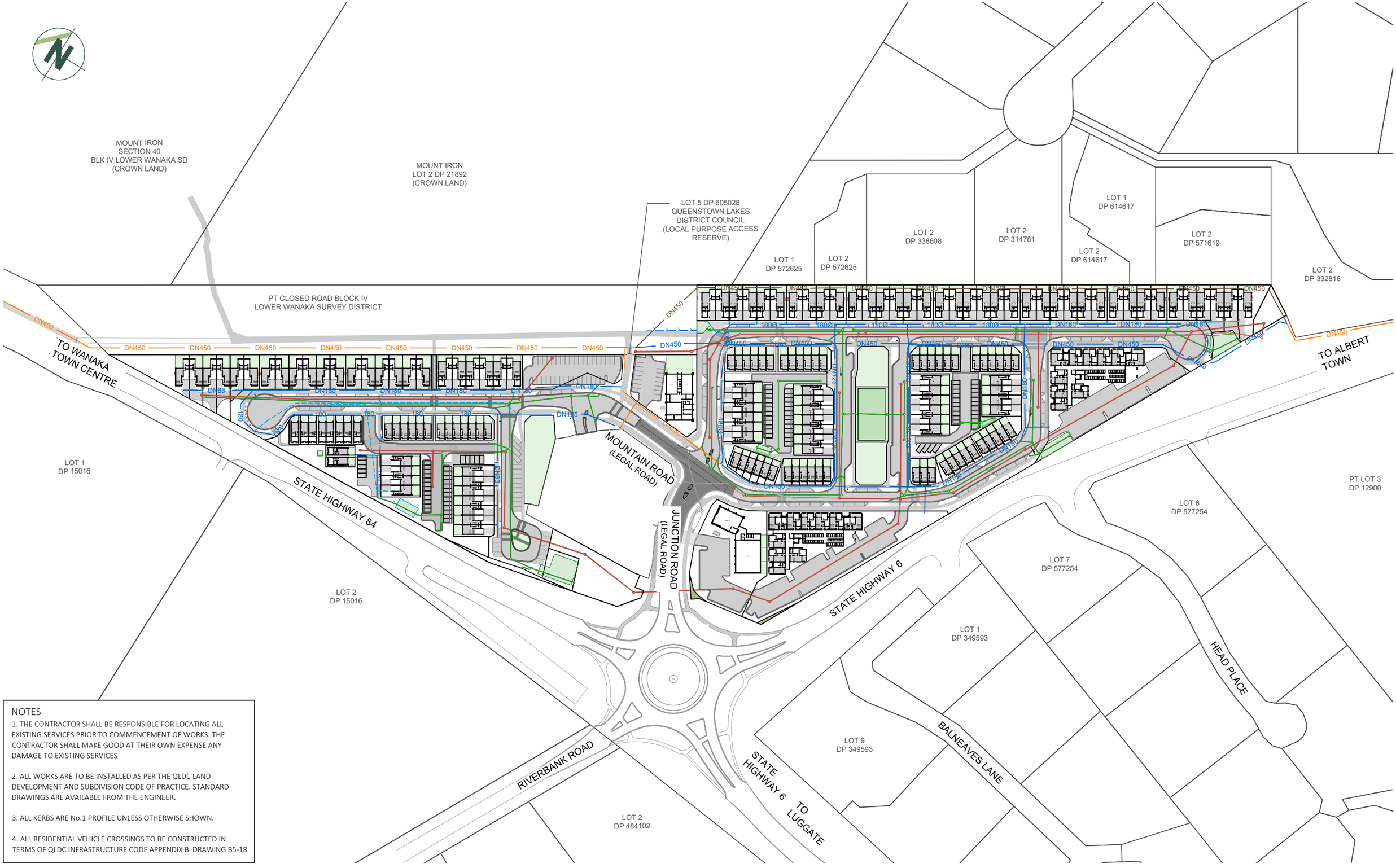
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED	LIDAR
DESIGNED	PHJ
DRAWN	SS
REVIEWED	AH
APPROVED	DLW

© Paterson Pitts Limited Partnership

PROJECT	**P240103**
DRAWING NO	**003**
SHEET	**600C**
REVISION	**4**
SCALE (A3)	**1:600**



NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER.

3. ALL KERBS ARE No.1 PROFILE UNLESS OTHERWISE SHOWN.

4. ALL RESIDENTIAL VEHICLE CROSSINGS TO BE CONSTRUCTED IN TERMS OF QLDC INFRASTRUCTURE CODE APPENDIX B DRAWING B5-18

patersons.
Land Professionals

CLIENT

MT IRON JUNCTION LTD

JUNCTION ROAD, WANAKA

DRAWING TITLE

CONSENT ENGINEERING DESIGN

COMBINED SERVICES - OVERVIEW PLAN

DATUM INFORMATION	
COORDINATE SYSTEM	NZGD 2000
	LINDIS PEAK CIRCUIT
DATUM	NZVD2016
ORIGIN OF COORDINATES	
ORIGIN OF LEVELS	

REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED	LIDAR
DESIGNED	PHJ
DRAWN	SS
REVIEWED	AH
APPROVED	DLW

© Paterson Pitts Limited Partnership

PROJECT	**P240103**
DRAWING NO	**003**
SHEET	**800**
REVISION	**4**
SCALE (A3)	**1:2000**

PT CLOSED ROAD BLOCK IV
LOWER WANAKA SURVEY DISTRICT

LOT 1
DP 15016

STATE HIGHWAY 84

700

NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER.

3. ALL STREET SIGNS AND ROAD MARKING IS TO BE IN ACCORDANCE WITH MOTSAM.

4. REFER TO LIGHTING DESIGN FOR LIGHTING DETAILS.

5. TACTILE PAVERS TO BE INSTALLED AS PER NZTA RTS14. REFER TO SHEET 352 FOR TYPICAL DETAIL.

6. ALL KERBS ARE NO.1 PROFILE UNLESS OTHERWISE SHOWN.

ROADING LEGEND

- FOOTPATHS (CONCRETE)
- VEHICLE CROSSINGS (CONCRETE)
- ASPHALT SURFACE
- KERBS
- LOT BOUNDARIES
- TACTILE WARNING INDICATORS
- TACTILE DIRECTIONAL INDICATORS
- STREET LIGHT
- NO PARKING
- RUBBISH PICKUP AREA

patersons.
Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
COMBINED SERVICES LAYOUT
SHEET A

DATUM INFORMATION
COORDINATE SYSTEM NZGD 2000
LINDIS PEAK CIRCUIT
DATUM NZVD2016
ORIGIN OF COORDINATES
ORIGIN OF LEVELS

REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED LIDAR
DESIGNED PHJ
DRAWN SS
REVIEWED AH
APPROVED DLW

© Paterson Pitts Limited Partnership

PROJECT **P240103**
DRAWING NO **003**
SHEET **800A**
REVISION **4**
SCALE (A3) **1:600**

MOUNT IRON
LOT 2 DP 21892

CROWN LAND

LOT 1
DP 572625

LOT 2
DP 572625

LOT 2
DP 338608

PT CLOSED ROAD BLOCK IV
LOWER WANAKA SURVEY DISTRICT

NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER.

3. ALL STREET SIGNS AND ROAD MARKING IS TO BE IN ACCORDANCE WITH MOTSAM.

4. REFER TO LIGHTING DESIGN FOR LIGHTING DETAILS.

5. TACTILE PAVERS TO BE INSTALLED AS PER NZTA RTS14. REFER TO SHEET 352 FOR TYPICAL DETAIL.

6. ALL KERBS ARE NO.1 PROFILE UNLESS OTHERWISE SHOWN.

ROADING LEGEND

- FOOTPATHS (CONCRETE)
- VEHICLE CROSSINGS (CONCRETE)
- ASPHALT SURFACE
- KERBS
- LOT BOUNDARIES
- TACTILE WARNING INDICATORS
- TACTILE DIRECTIONAL INDICATORS
- STREET LIGHT
- NO PARKING
- RUBBISH PICKUP AREA

patersons.
Land Professionals

CLIENT

MT IRON JUNCTION LTD

JUNCTION ROAD, WANAKA

DRAWING TITLE

CONSENT ENGINEERING DESIGN
COMBINED SERVICES LAYOUT
SHEET B

DATUM INFORMATION	
COORDINATE SYSTEM	NZGD 2000
	LINDIS PEAK CIRCUIT
DATUM	NZVD2016
ORIGIN OF COORDINATES	
ORIGIN OF LEVELS	

REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track
STATUS			**FOR RESOURCE CONSENT**

SURVEYED	LIDAR
DESIGNED	PHJ
DRAWN	SS
REVIEWED	AH
APPROVED	DLW

© Paterson Pitts Limited Partnership

PROJECT	**P240103**
DRAWING NO	**003**
SHEET	**800B**
REVISION	**4**
SCALE (A3)	**1:600**

LOT 2
DP 338608

LOT 2
DP 314781

LOT 2
DP 614617

LOT 1
DP 614617

LOT 2
DP 571619

LOT 7
DP 577254

STATE HIGHWAY 6

10.000

103

IL 314.49m

IL 314.07m

IL 314.79

NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER.

3. ALL STREET SIGNS AND ROAD MARKING IS TO BE IN ACCORDANCE WITH MOTSAM.

4. REFER TO LIGHTING DESIGN FOR LIGHTING DETAILS.

5. TACTILE PAVERS TO BE INSTALLED AS PER NZTA RTS14. REFER TO SHEET 352 FOR TYPICAL DETAIL.

6. ALL KERBS ARE NO.1 PROFILE UNLESS OTHERWISE SHOWN.

ROADING LEGEND

- FOOTPATHS (CONCRETE)
- VEHICLE CROSSINGS (CONCRETE)
- ASPHALT SURFACE
- KERBS
- LOT BOUNDARIES
- TACTILE WARNING INDICATORS
- TACTILE DIRECTIONAL INDICATORS
- STREET LIGHT
- NO PARKING
- RUBBISH PICKUP AREA

patersons.
Land Professionals

CLIENT
MT IRON JUNCTION LTD
JUNCTION ROAD, WANAKA

DRAWING TITLE
CONSENT ENGINEERING DESIGN
COMBINED SERVICES LAYOUT
SHEET C

DATUM INFORMATION
COORDINATE SYSTEM NZGD 2000
LINDIS PEAK CIRCUIT
DATUM NZVD2016
ORIGIN OF COORDINATES
ORIGIN OF LEVELS

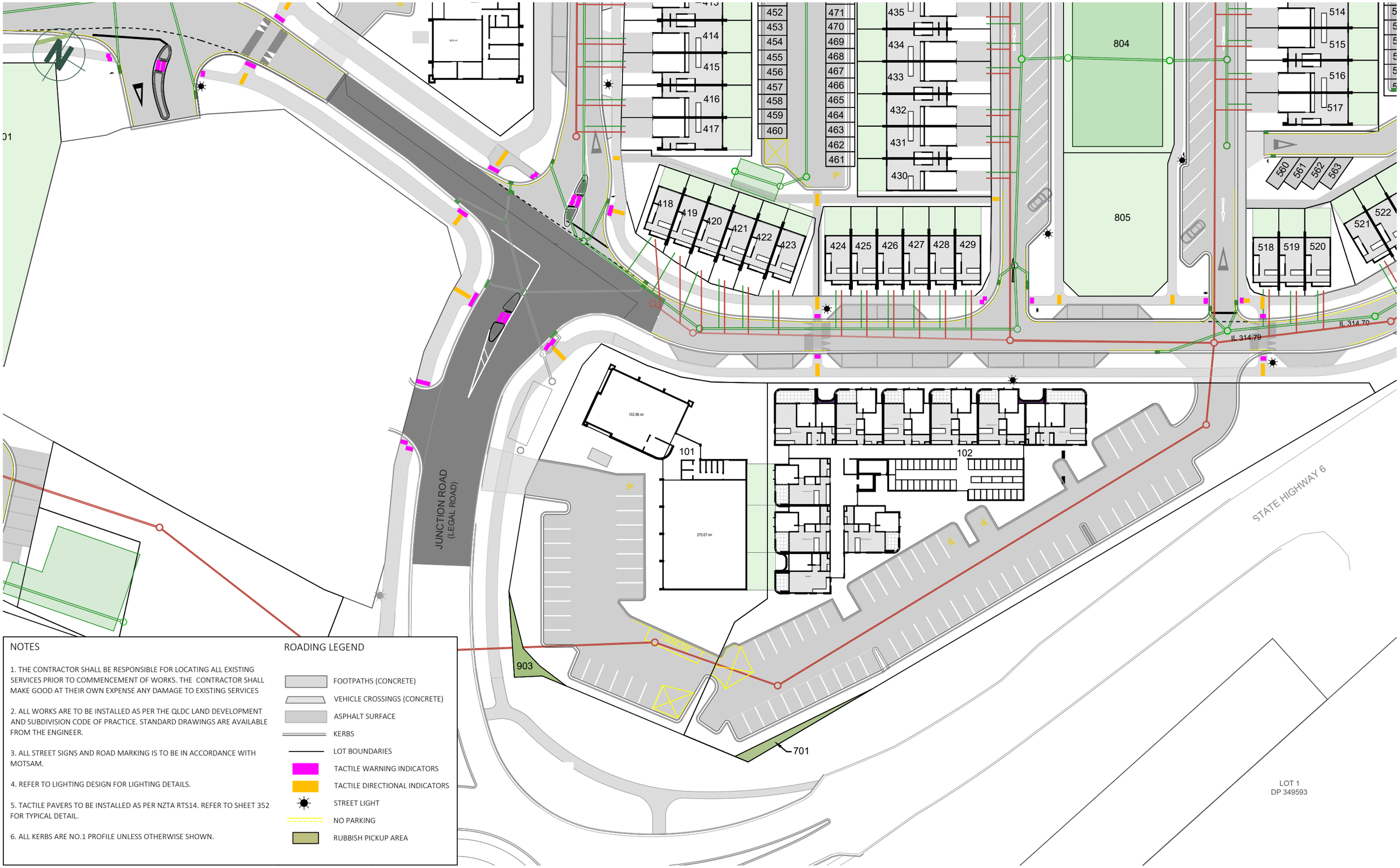
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED LIDAR
DESIGNED PHJ
DRAWN SS
REVIEWED AH
APPROVED DLW

© Paterson Pitts Limited Partnership

PROJECT **P240103**
DRAWING NO **003**
SHEET **800C**
REVISION **4**
SCALE (A3) **1:600**



NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER.

3. ALL STREET SIGNS AND ROAD MARKING IS TO BE IN ACCORDANCE WITH MOTSAM.

4. REFER TO LIGHTING DESIGN FOR LIGHTING DETAILS.

5. TACTILE PAVERS TO BE INSTALLED AS PER NZTA RTS14. REFER TO SHEET 352 FOR TYPICAL DETAIL.

6. ALL KERBS ARE NO.1 PROFILE UNLESS OTHERWISE SHOWN.

ROADING LEGEND

- FOOTPATHS (CONCRETE)
- VEHICLE CROSSINGS (CONCRETE)
- ASPHALT SURFACE
- KERBS
- LOT BOUNDARIES
- TACTILE WARNING INDICATORS
- TACTILE DIRECTIONAL INDICATORS
- STREET LIGHT
- NO PARKING
- RUBBISH PICKUP AREA

patersons.
Land Professionals

CLIENT

MT IRON JUNCTION LTD

JUNCTION ROAD, WANAKA

DRAWING TITLE

CONSENT ENGINEERING DESIGN

COMBINED SERVICES LAYOUT

SHEET D

DATUM INFORMATION

COORDINATE SYSTEM NZGD 2000

LINDIS PEAK CIRCUIT

DATUM NZVD2016

ORIGIN OF COORDINATES

ORIGIN OF LEVELS

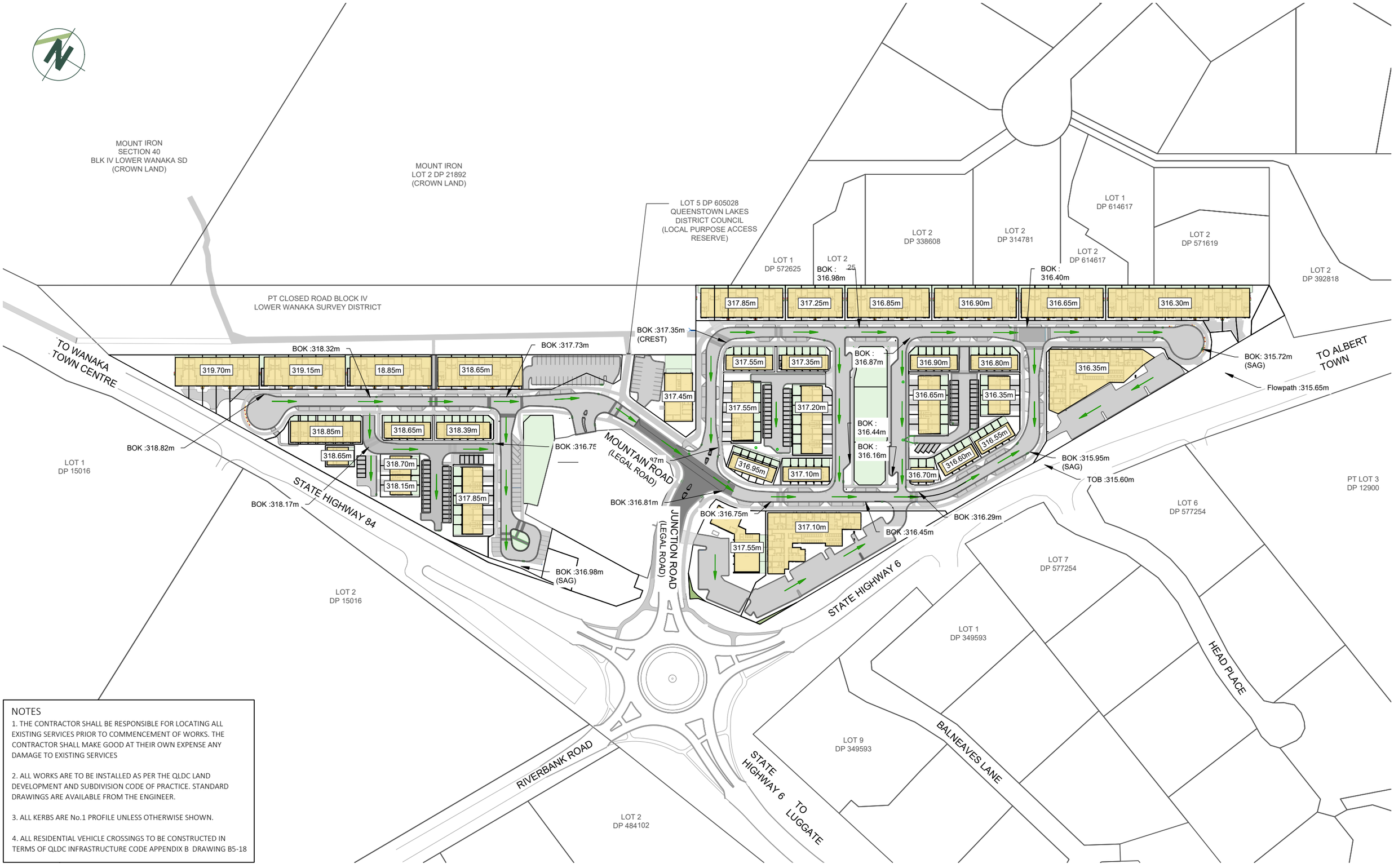
REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED	LIDAR
DESIGNED	PHJ
DRAWN	SS
REVIEWED	AH
APPROVED	DLW

© Paterson Pitts Limited Partnership

PROJECT	**P240103**
DRAWING NO	**003**
SHEET	**800D**
REVISION	**4**
SCALE (A3)	**1:600**



NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL MAKE GOOD AT THEIR OWN EXPENSE ANY DAMAGE TO EXISTING SERVICES

2. ALL WORKS ARE TO BE INSTALLED AS PER THE QLDC LAND DEVELOPMENT AND SUBDIVISION CODE OF PRACTICE. STANDARD DRAWINGS ARE AVAILABLE FROM THE ENGINEER.

3. ALL KERBS ARE No.1 PROFILE UNLESS OTHERWISE SHOWN.

4. ALL RESIDENTIAL VEHICLE CROSSINGS TO BE CONSTRUCTED IN TERMS OF QLDC INFRASTRUCTURE CODE APPENDIX B DRAWING B5-18

patersons.
Land Professionals

CLIENT

MT IRON JUNCTION LTD

JUNCTION ROAD, WANAKA

DRAWING TITLE

CONSENT ENGINEERING DESIGN
FINISHED FLOOR LEVEL AND
STORMWATER FLOW PLAN

DATUM INFORMATION	
COORDINATE SYSTEM	NZGD 2000
	LINDIS PEAK CIRCUIT
DATUM	NZVD2016
ORIGIN OF COORDINATES	
ORIGIN OF LEVELS	

REV	DRAWN	DATE	NOTE
01	PHJ	20.02.2026	Fast Track Application
02	PHJ	13.08.2026	Fast Track Minute 7 Response
03	DTLB	27.08.2026	Minor amendments to Lot numbers
04	PHJ	22.09.2026	Add B2 Track

STATUS **FOR RESOURCE CONSENT**

SURVEYED	LIDAR
DESIGNED	PHJ
DRAWN	SS
REVIEWED	AH
APPROVED	DLW

© Paterson Pitts Limited Partnership

PROJECT	**P240103**
DRAWING NO	**003**
SHEET	**850**
REVISION	**4**
SCALE (A3)	**1:2000**