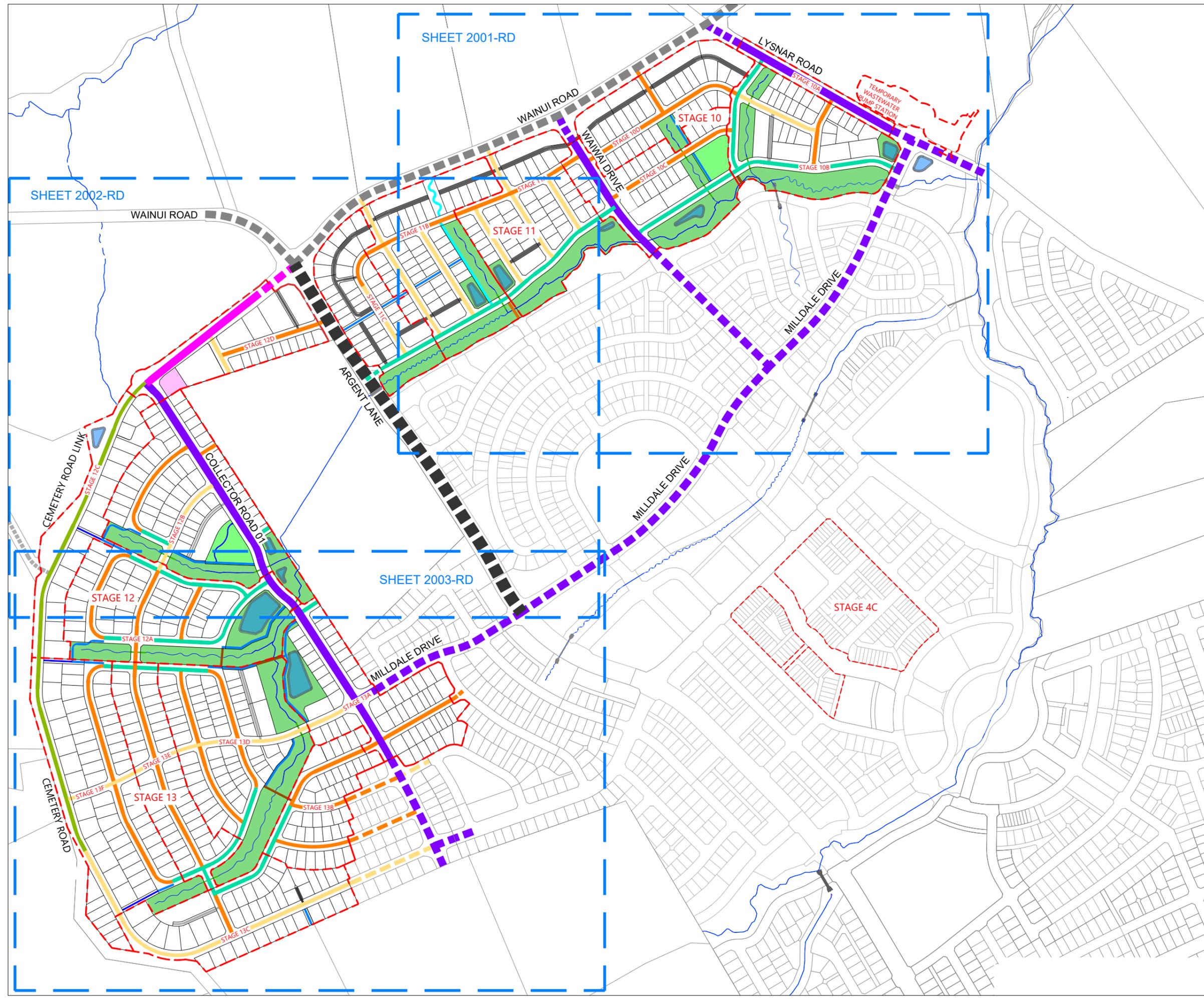




Plot Date: 1:55:43 pm, 27 February 2025, MATTHEWVA



LEGEND

- EXTENTS OF FAST TRACK APPLICATION ---
- BOUNDARIES ---
- STREAM ---
- STREETS**
- ARGENT LANE - ARTERIAL ROAD (30m) [Symbol]
- WAINUI ROAD - ARTERIAL ROAD (24m) [Symbol]
- WAIWAI DRIVE / LYSNAR ROAD / COLLECTOR ROAD (24m) [Symbol]
- CEMETERY ROAD LINK COLLECTOR (24m) [Symbol]
- STREAM EDGE ROAD (SER) [Symbol]
- LOCAL ROAD (LR) TYPE 1 [Symbol]
- LOCAL ROAD (LR) TYPE 2 [Symbol]
- CEMETERY ROAD UPGRADE [Symbol]
- JOINT OWNED ACCESS LOTS**
- JOAL - TYPE 1 (5m) [Symbol]
- JOAL - TYPE 2 (7m, WITH ROAD FRONTAGE) [Symbol]
- JOAL - TYPE 3 (7m, REAR LOADED ONLY) [Symbol]
- DEDICATED PATHS**
- ACTIVE MODES PATH (4m) [Symbol]
- RECREATIONAL PATH (3m) / DRAINAGE RESERVE PATH (3.5m) [Symbol]
- RECREATIONAL PATH (2m) [Symbol]
- ACTIVE MODE PATH BRIDGE (4m) [Symbol]
- RECREATIONAL PATH BRIDGE (3m) [Symbol]

REVISION DETAILS		BY	DATE
1	ISSUED FOR CONSENT	JW	FEB 2025

SURVEYED	WOODS	SIDWELL ROAD WAINUI AUCKLAND
DESIGNED	WOODS	
DRAWN	FA	
CHECKED	AP	
APPROVED	JW	
		WOODS.CO.NZ

N

MILLDALE
Connecting Lives

**MILLDALE
FAST TRACK
STAGES 10 - 13**

ROAD TYPOLOGY PLAN

STATUS	ISSUED FOR CONSENT	REV
SCALE	1:6000 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-128-00-2000-RD	

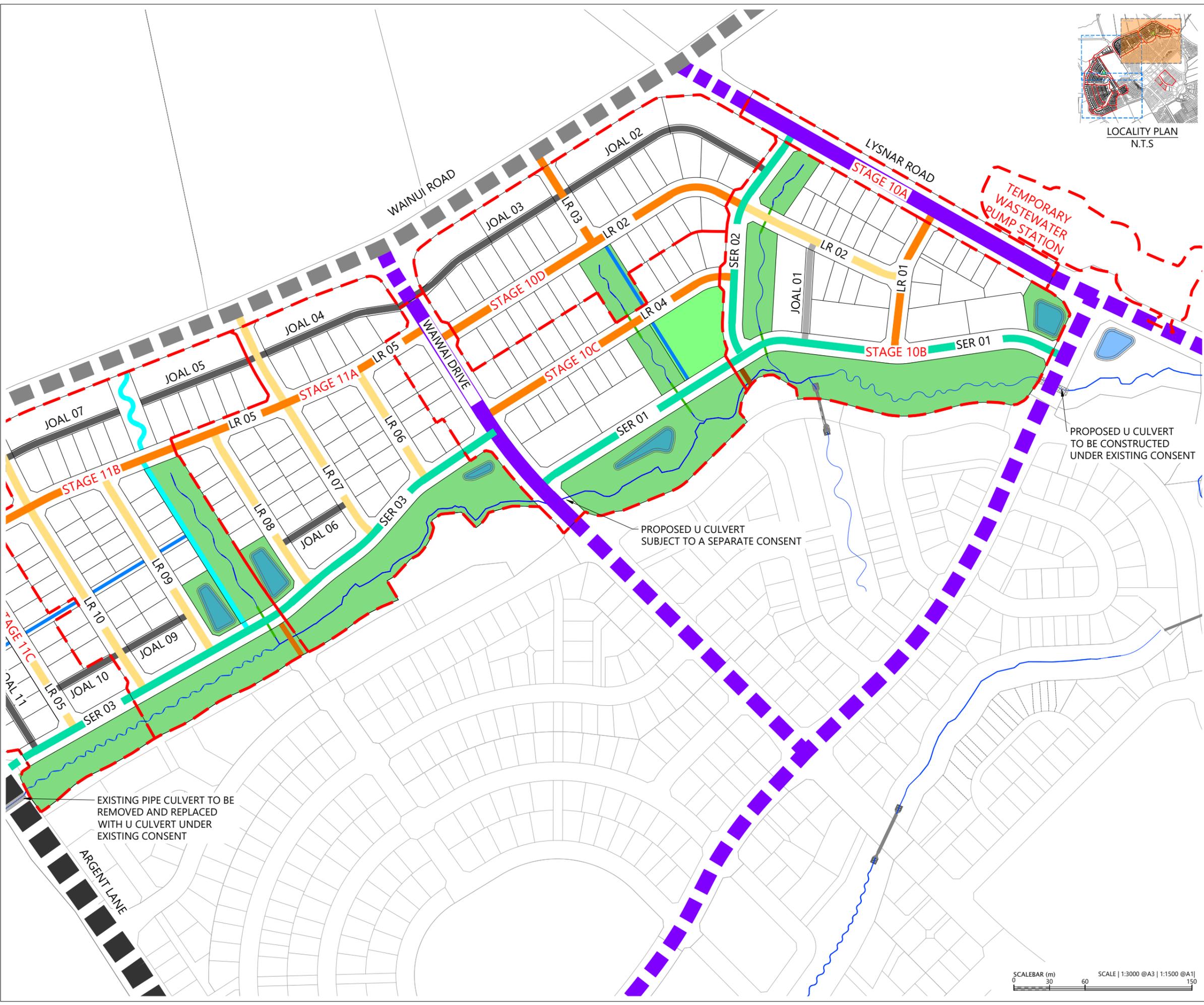
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LEGEND

- EXTENTS OF FAST TRACK APPLICATION - - - - -
- BOUNDARIES
- STREAM ~ ~ ~ ~ ~
- STREETS**
- ARGENT LANE - ARTERIAL ROAD (30m)
- WAINUI ROAD - ARTERIAL ROAD (24m)
- WAIWAI DRIVE / LYSNAR ROAD / COLLECTOR ROAD (24m)
- CEMETERY ROAD LINK COLLECTOR (24m)
- STREAM EDGE ROAD (SER)
- LOCAL ROAD (LR) TYPE 1
- LOCAL ROAD (LR) TYPE 2
- CEMETERY ROAD UPGRADE
- JOINT OWNED ACCESS LOTS**
- JOAL - TYPE 1 (5m)
- JOAL - TYPE 2 (7m, WITH ROAD FRONTAGE)
- JOAL - TYPE 3 (7m, REAR LOADED ONLY)
- DEDICATED PATHS**
- ACTIVE MODES PATH (4m)
- RECREATIONAL PATH (3m) / DRAINAGE RESERVE PATH (3.5m)
- RECREATIONAL PATH (2m)
- ACTIVE MODE PATH BRIDGE (4m)
- RECREATIONAL PATH BRIDGE (3m)

Plot Date: 1:54:32 pm, 27 February 2025, MATTHEW W



REVISION DETAILS		BY	DATE
1	ISSUED FOR CONSENT	JW	FEB 2025

SURVEYED	WOODS	SIDWELL ROAD WAINUI AUCKLAND
DESIGNED	WOODS	
DRAWN	FA	
CHECKED	AP	
APPROVED	JW	

N

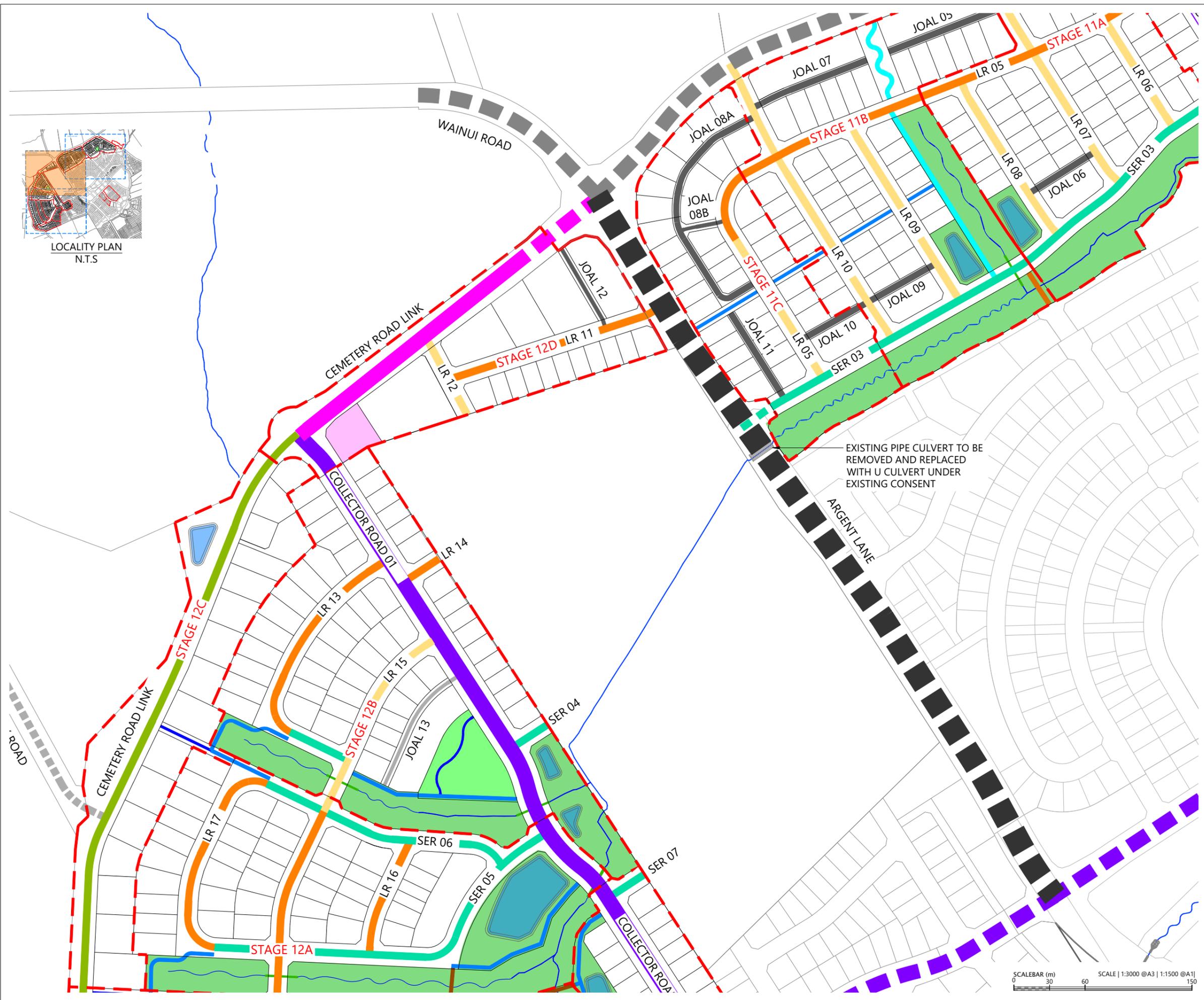
MILLDALE
Connecting Lives & Places

**MILLDALE
FAST TRACK
STAGES 10 - 13
ROAD TYPOLOGY PLAN
SHEET 1**

STATUS	ISSUED FOR CONSENT	REV
SCALE	1:3000 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-128-00-2001-RD	



File: C:\1205\DATA\WP-AK-APP-02\P24-128 - MDL - FAST TRACK APPLICATION_L162702 DRAWINGS\01 ENG\P24-128-00-2000-RD-ROAD TYPOLOGY PLAN.DWG



LEGEND

- EXTENTS OF FAST TRACK APPLICATION - - - - -
- BOUNDARIES
- STREAM ~ ~ ~ ~ ~
- STREETS**
- ARGENT LANE - ARTERIAL ROAD (30m)
- WAINUI ROAD - ARTERIAL ROAD (24m)
- WAIWAI DRIVE / LYSNAR ROAD / COLLECTOR ROAD (24m)
- CEMETERY ROAD LINK COLLECTOR (24m)
- STREAM EDGE ROAD
- LOCAL ROAD TYPE 1
- LOCAL ROAD TYPE 2
- CEMETERY ROAD UPGRADE
- JOINT OWNED ACCESS LOTS**
- JOAL - TYPE 1 (5m)
- JOAL - TYPE 2 (7m, WITH ROAD FRONTAGE)
- JOAL - TYPE 3 (7m, REAR LOADED ONLY)
- DEDICATED PATHS**
- ACTIVE MODES PATH (4m)
- RECREATIONAL PATH (3m) / DRAINAGE RESERVE PATH (3.5m)
- RECREATIONAL PATH (2m)
- ACTIVE MODE PATH BRIDGE (4m)
- RECREATIONAL PATH BRIDGE (3m)

EXISTING PIPE CULVERT TO BE REMOVED AND REPLACED WITH U CULVERT UNDER EXISTING CONSENT

REVISION DETAILS		BY	DATE
1	ISSUED FOR CONSENT	JW	FEB 2025

SURVEYED	WOODS	SIDWELL ROAD WAINUI AUCKLAND
DESIGNED	WOODS	
DRAWN	FA	
CHECKED	AP	
APPROVED	JW	

N

MILLDALE
Connecting Lives

**MILLDALE
FAST TRACK
STAGES 10 - 13
ROAD TYPOLOGY PLAN
SHEET 2**

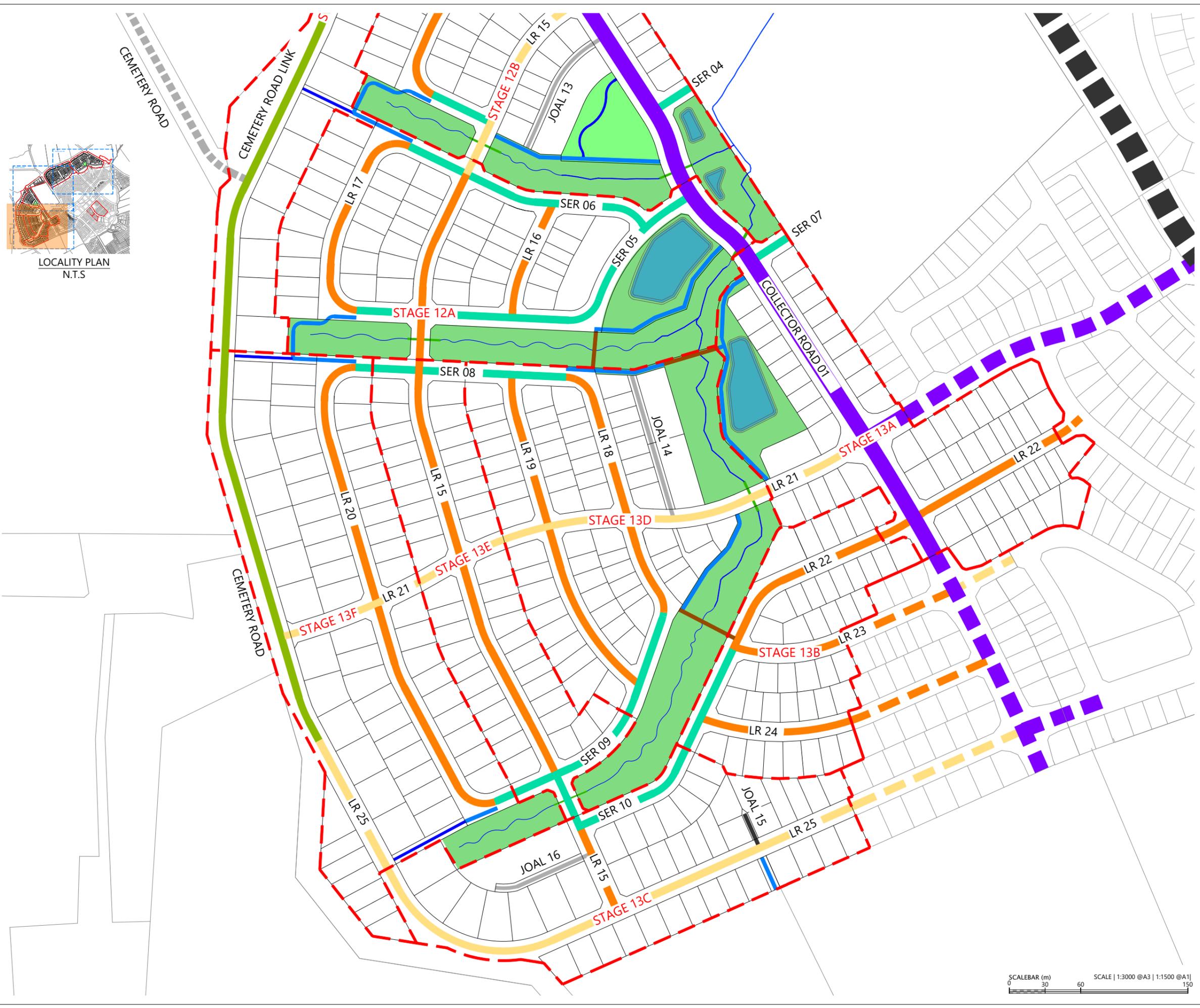
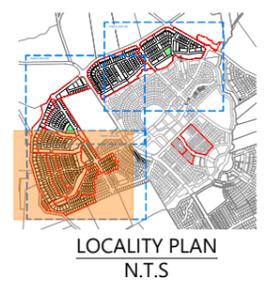
STATUS	ISSUED FOR CONSENT	REV
SCALE	1:3000 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-128-00-2002-RD	



Plot Date: 1:54:34 pm, 27 February 2025, MATTHEWVA
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Plot Date: 1:54:35 pm, 27 February 2025, MATTHEW W



LEGEND

- EXTENTS OF FAST TRACK APPLICATION - - - - -
- BOUNDARIES
- STREAM - - - - -
- STREETS**
- ARGENT LANE - ARTERIAL ROAD (30m)
- WAINUI ROAD - ARTERIAL ROAD (24m)
- WAIWAI DRIVE / LYSNAR ROAD / COLLECTOR ROAD (24m)
- CEMETERY ROAD LINK COLLECTOR (24m)
- STREAM EDGE ROAD (SER)
- LOCAL ROAD (LR) TYPE 1
- LOCAL ROAD (LR) TYPE 2
- CEMETERY ROAD UPGRADE
- JOINT OWNED ACCESS LOTS**
- JOAL - TYPE 1 (5m)
- JOAL - TYPE 2 (7m, WITH ROAD FRONTAGE)
- JOAL - TYPE 3 (7m, REAR LOADED ONLY)
- DEDICATED PATHS**
- ACTIVE MODES PATH (4m)
- RECREATIONAL PATH (3m) / DRAINAGE RESERVE PATH (3.5m)
- RECREATIONAL PATH (2m)
- ACTIVE MODE PATH BRIDGE (4m)
- RECREATIONAL PATH BRIDGE (3m)

REVISION DETAILS		BY	DATE
1	ISSUED FOR CONSENT	JW	FEB 2025

SURVEYED	WOODS	SIDWELL ROAD WAINUI AUCKLAND
DESIGNED	WOODS	
DRAWN	FA	
CHECKED	AP	
APPROVED	JW	
		WOODS.CO.NZ

N

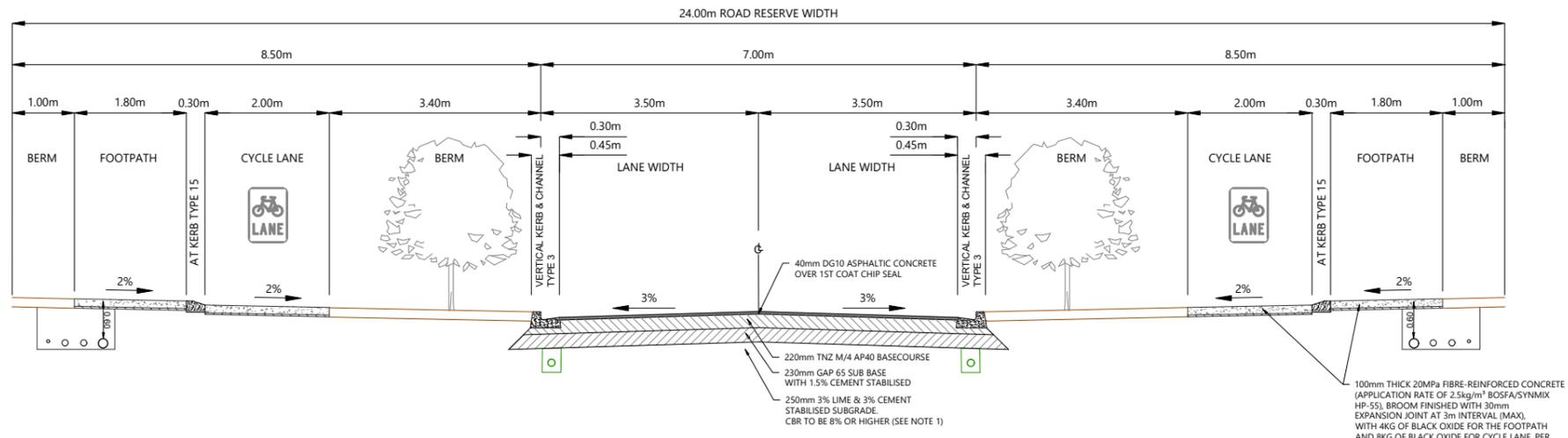
MILLDALE
Connecting Lives & Land

**MILLDALE
FAST TRACK
STAGES 10 - 13
ROAD TYPOLOGY PLAN
SHEET 3**

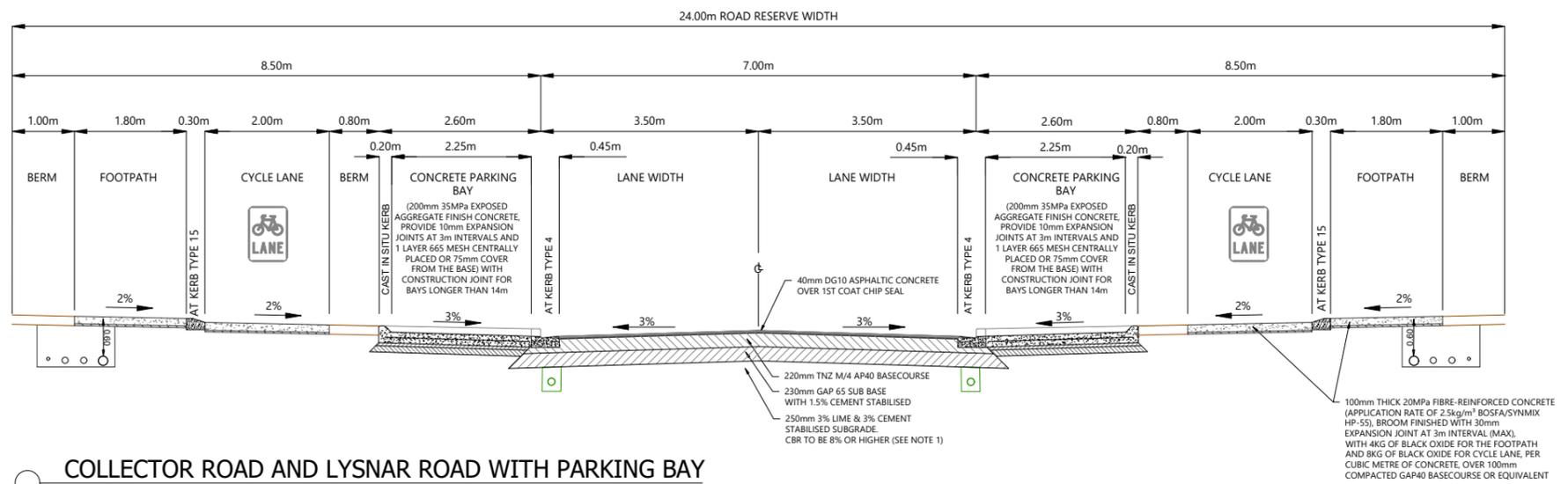
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SCALE	1:3000 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-128-00-2003-RD	



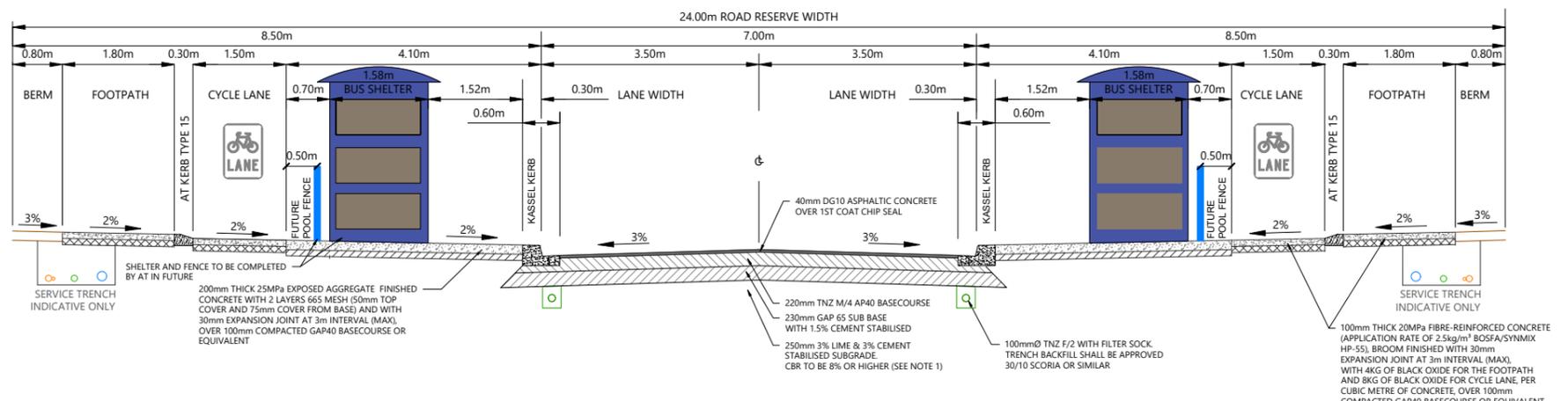
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COLLECTOR ROAD AND LYSNAR ROAD WITH BERM
Scale: 1:100



COLLECTOR ROAD AND LYSNAR ROAD WITH PARKING BAY
Scale: 1:100



COLLECTOR ROAD AND LYSNAR ROAD WITH INDICATIVE BUS SHELTER
Scale: 1:100

REVISION DETAILS		BY	DATE
1	ISSUED FOR CONSENT	AP	FEB 2025

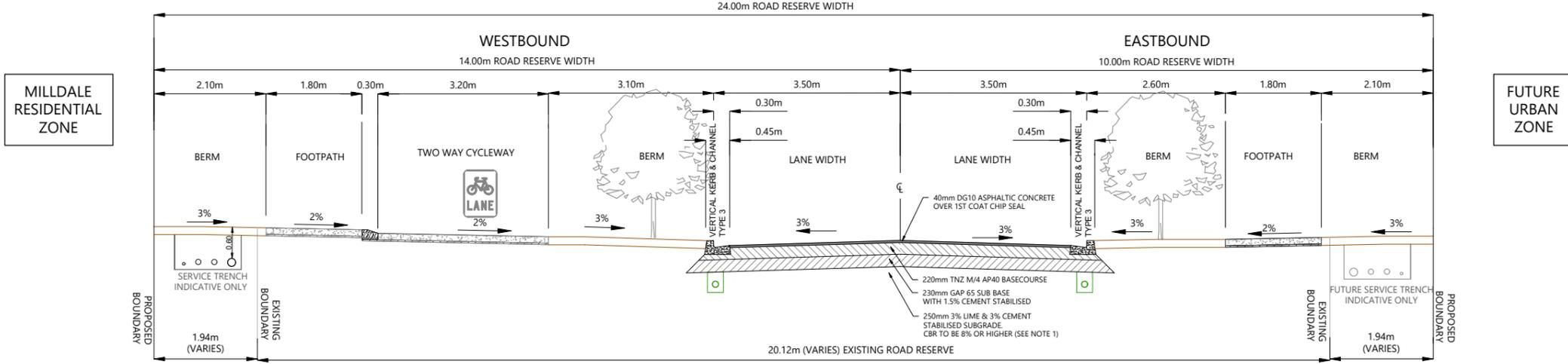
SURVEYED	WOODS	SIDWELL ROAD WAINUI AUCKLAND
DESIGNED	AP	
DRAWN	AP	
CHECKED	AP	
APPROVED	JW	



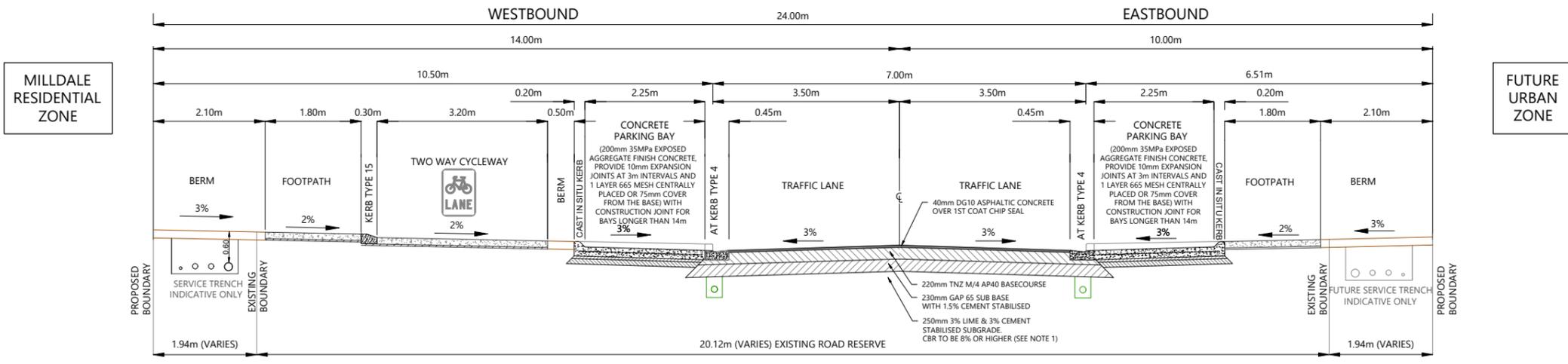
**MILLDALE
FAST TRACK
STAGES 10 - 13**
TYPICAL CROSS SECTION
COLLECTOR ROAD & LYSNAR ROAD

STATUS	ISSUED FOR CONSENT	REV
SCALE	1:100 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-128-00-2010-RD	

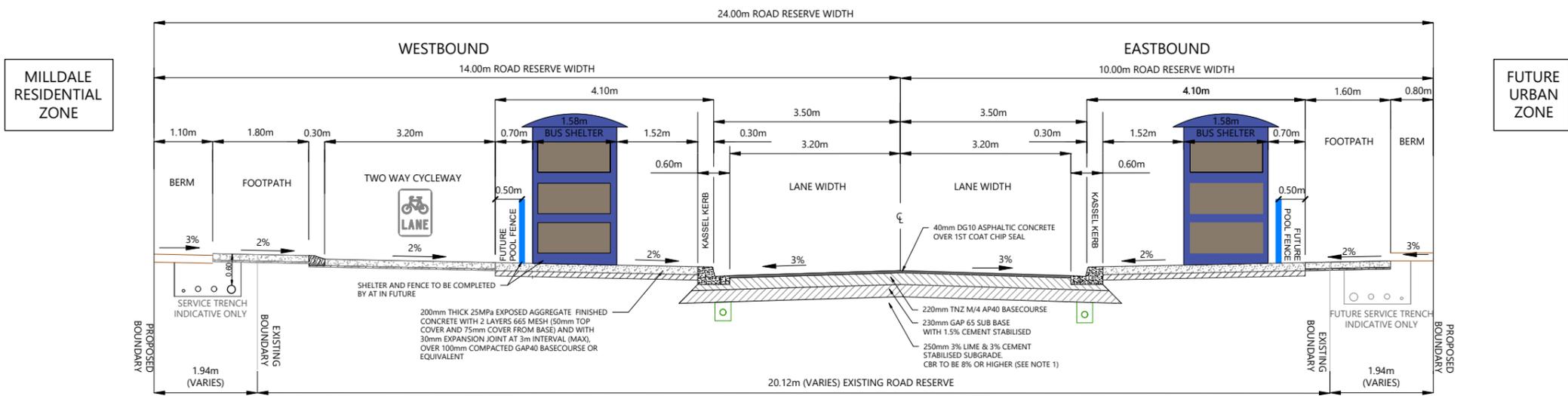




CEMETERY ROAD LINK (COLLECTOR ROAD) WITH BERM/RAINGARDEN
Scale: 1:100



CEMETERY ROAD LINK (COLLECTOR ROAD) WITH PARKING BAY
Scale: 1:100



CEMETERY ROAD LINK (COLLECTOR ROAD) WITH INDICATIVE BUS STOP
Scale: 1:100

REVISION DETAILS			BY	DATE
1	ISSUED FOR CONSENT		AP	FEB 2025

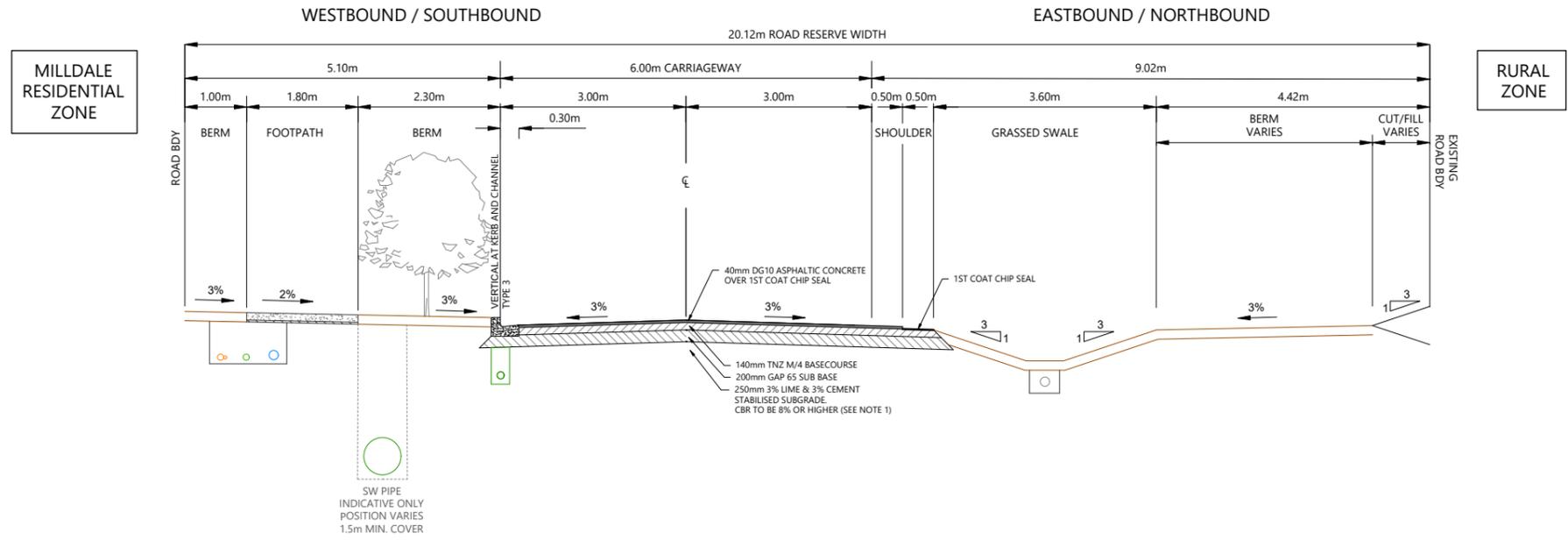
SURVEYED	WOODS	SIDWELL ROAD WAINUI AUCKLAND
DESIGNED	AP	
DRAWN	AP	
CHECKED	AP	
APPROVED	JW	WOODS.CO.NZ



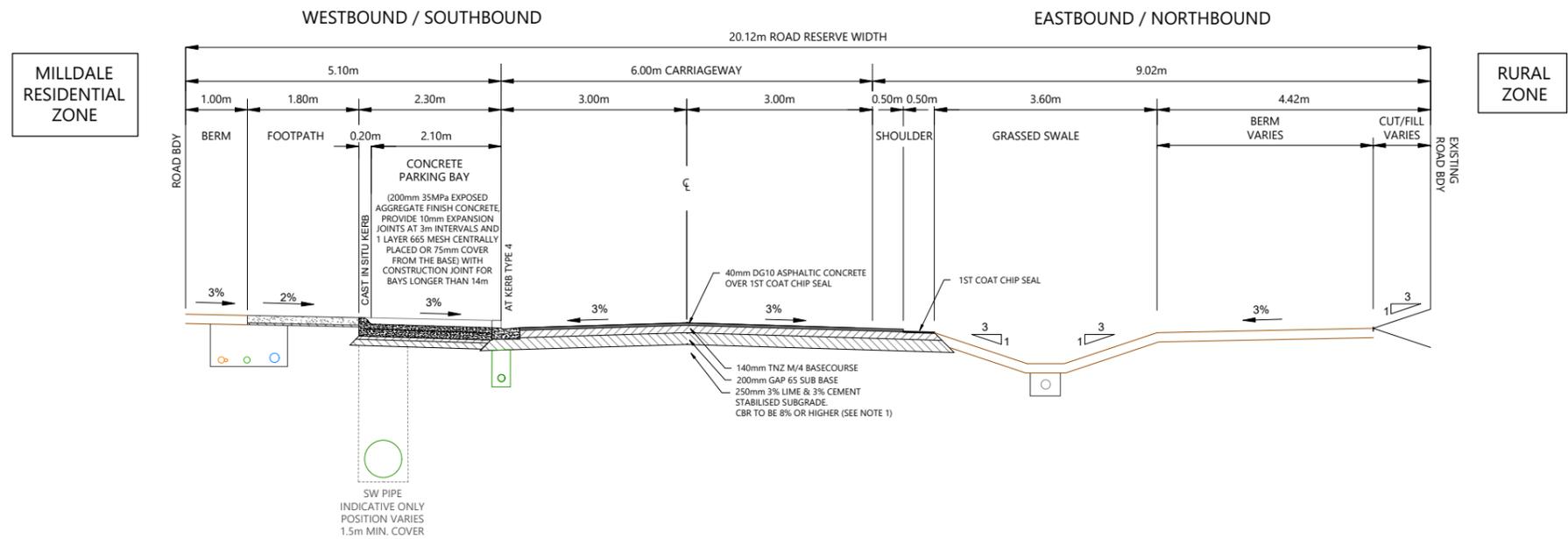
**MILLDALE
FAST TRACK
STAGES 10 - 13
TYPICAL CROSS SECTION
CEMETERY ROAD LINK
(COLLECTOR ROAD)**

STATUS	ISSUED FOR CONSENT	REV
SCALE	1:100 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-128-00-2011-RD	





CEMETERY ROAD UPGRADE (LOCAL ROAD) WITH BERM
Scale: 1:100



CEMETERY ROAD UPGRADE (LOCAL ROAD) WITH PARKING BAY
Scale: 1:100

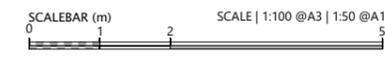
REVISION DETAILS		BY	DATE
1	ISSUED FOR CONSENT	AP	FEB 2025

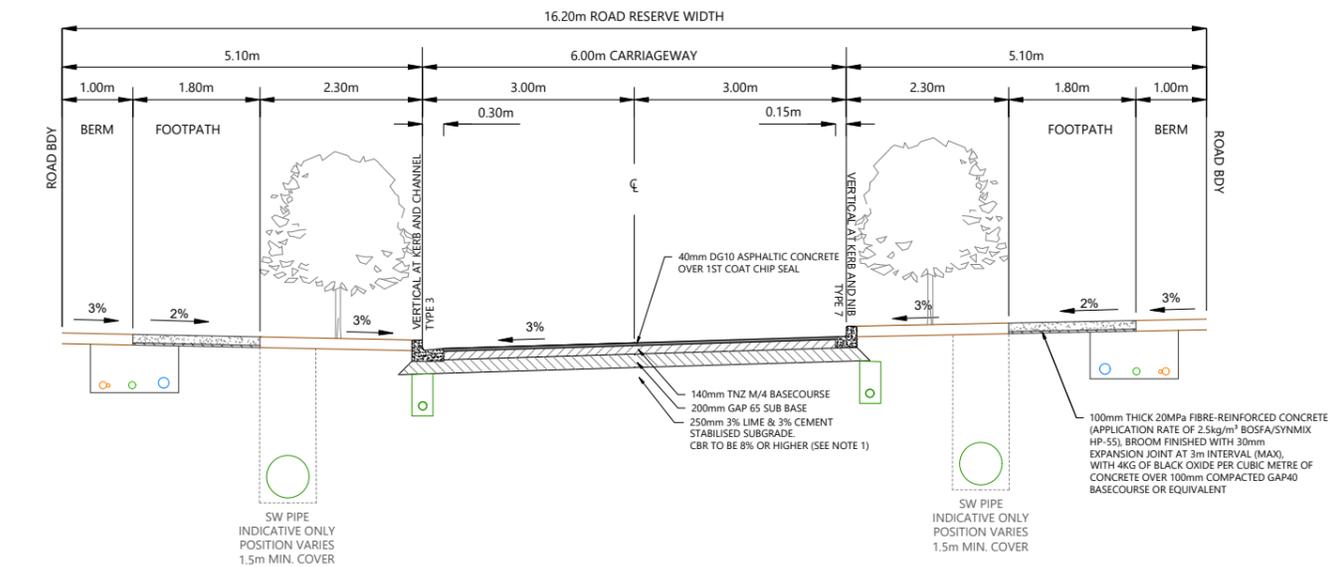
SURVEYED	WOODS	SIDWELL ROAD WAINUI AUCKLAND
DESIGNED	AP	
DRAWN	AP	
CHECKED	AP	
APPROVED	JW	



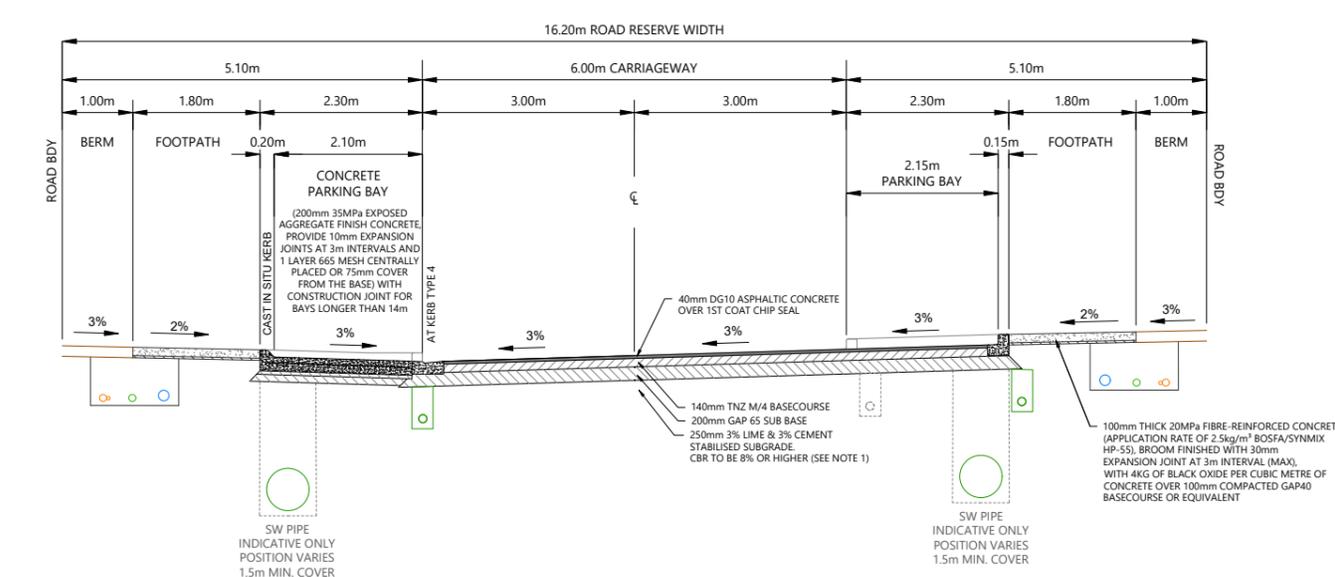
**MILLDALE
FAST TRACK
STAGES 10 - 13
TYPICAL CROSS SECTION
CEMETERY ROAD
(LOCAL ROAD)**

STATUS	ISSUED FOR CONSENT	REV
SCALE	1:100 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-128-00-2012-RD	





LOCAL ROAD TYPE 1 WITH BERM
Scale: 1:100



LOCAL ROAD TYPE 1 WITH PARKING BAY
Scale: 1:100

REVISION DETAILS		BY	DATE
1	ISSUED FOR CONSENT	AP	FEB 2025

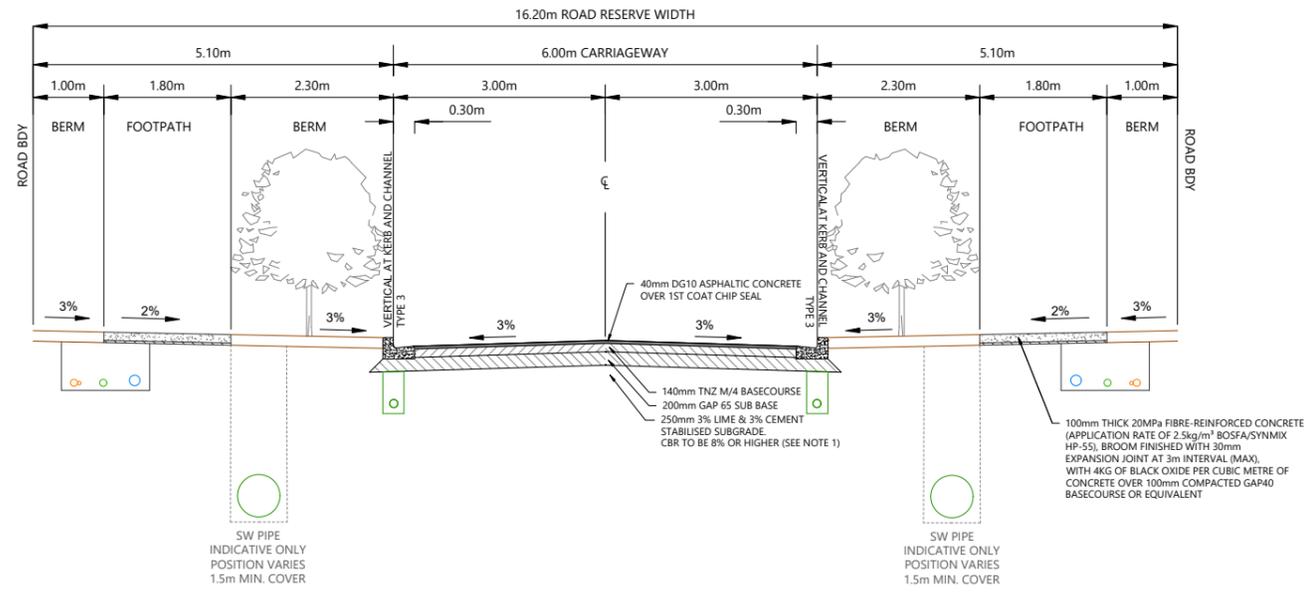
SURVEYED	WOODS	SIDWELL ROAD WAINUI AUCKLAND
DESIGNED	AP	
DRAWN	AP	
CHECKED	AP	
APPROVED	JW	



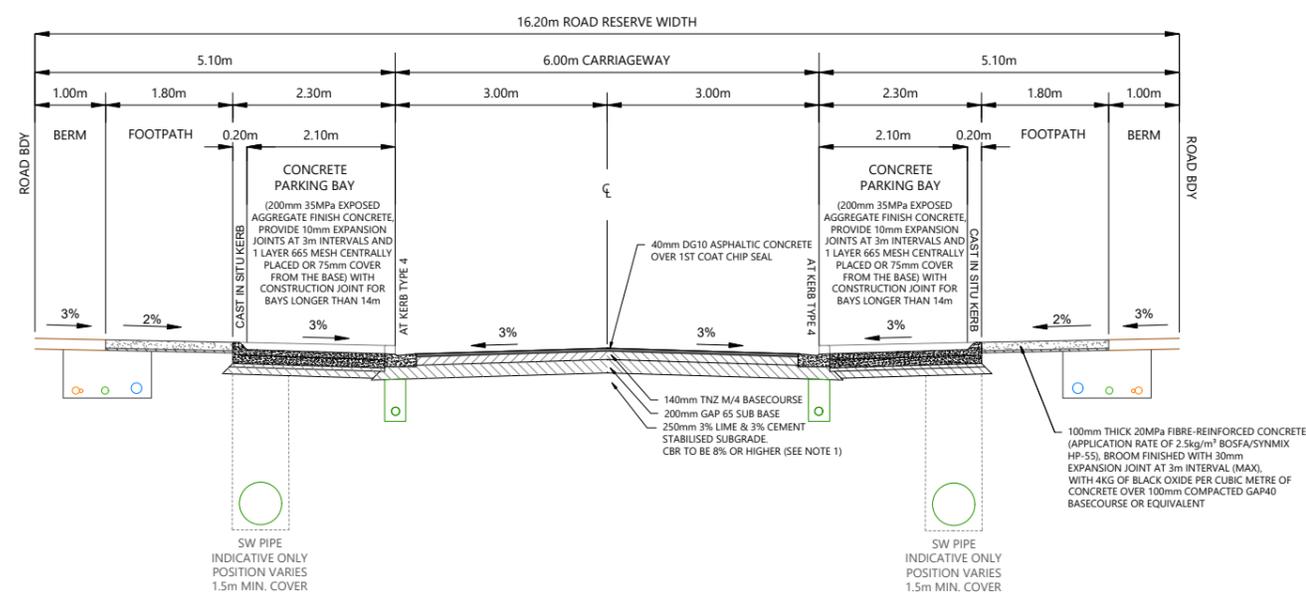
**MILLDALE
FAST TRACK
STAGES 10 - 13**
TYPICAL CROSS SECTION
LOCAL ROAD TYPE 1

STATUS	ISSUED FOR CONSENT	REV
SCALE	1:100 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-128-00-2013-RD	





LOCAL ROAD TYPE 2 AND CEMETERY ROAD LINK WITH BERM
Scale: 1:100



LOCAL ROAD TYPE 2 AND CEMETERY ROAD LINK WITH PARKING BAY
Scale: 1:100

REVISION DETAILS		BY	DATE
1	ISSUED FOR CONSENT	AP	FEB 2025

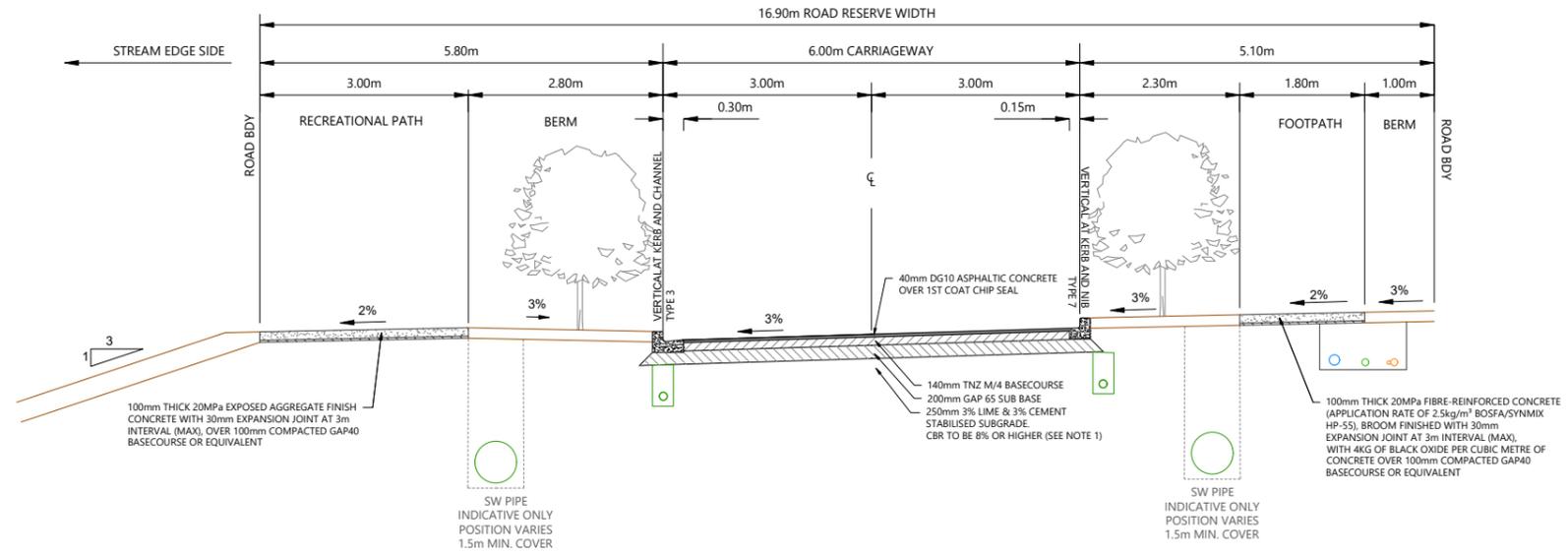
SURVEYED	WOODS	SIDWELL ROAD WAINUI AUCKLAND
DESIGNED	AP	
DRAWN	AP	
CHECKED	AP	
APPROVED	JW	



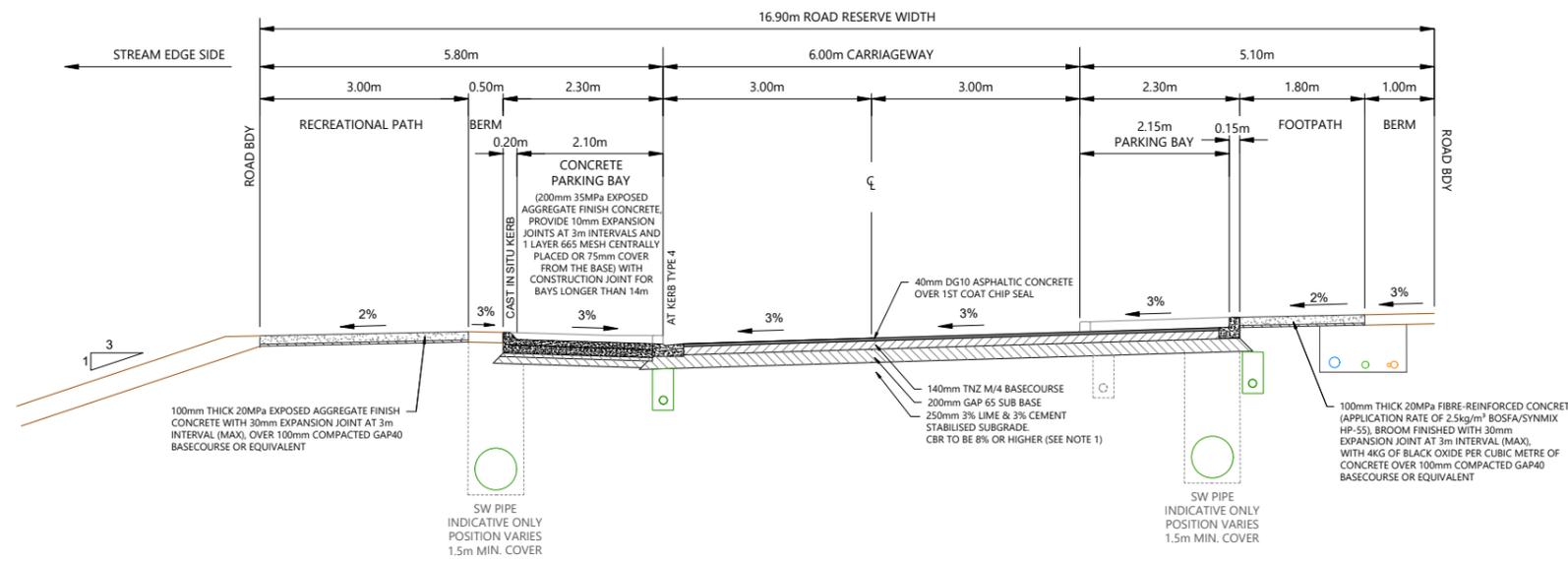
**MILLDALE
FAST TRACK
STAGES 10 - 13**
TYPICAL CROSS SECTION
LOCAL ROAD TYPE 2

STATUS	ISSUED FOR CONSENT	REV
SCALE	1:100 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-128-00-2014-RD	





STREAM EDGE ROAD WITH RECREATIONAL PATH AND BERM/RAINGARDEN
Scale: 1:100



STREAM EDGE ROAD WITH RECREATIONAL PATH & PARKING BAYS
Scale: 1:100

REVISION DETAILS		BY	DATE
1	ISSUED FOR CONSENT	AP	FEB 2025

SURVEYED	WOODS	SIDWELL ROAD WAINUI AUCKLAND
DESIGNED	AP	
DRAWN	AP	
CHECKED	AP	
APPROVED	JW	

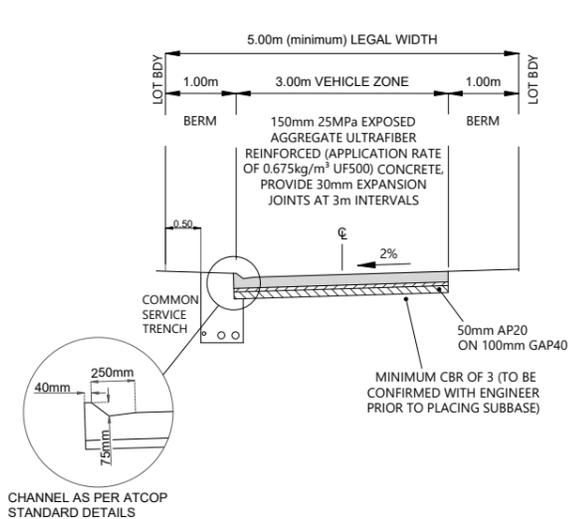


**MILLDALE
FAST TRACK
STAGES 10 - 13**

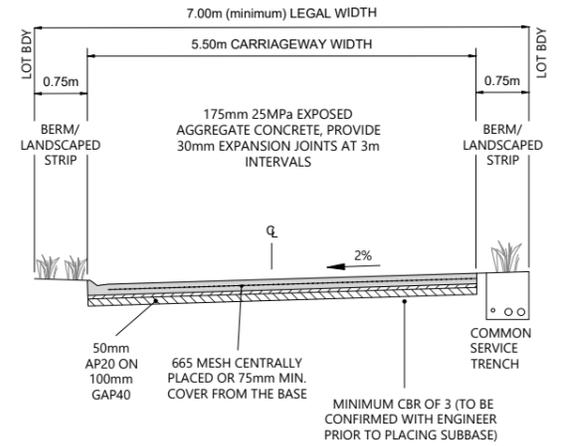
TYPICAL CROSS SECTION
STREAM EDGE ROAD

STATUS	ISSUED FOR CONSENT	REV
SCALE	1:100 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-128-00-2015-RD	

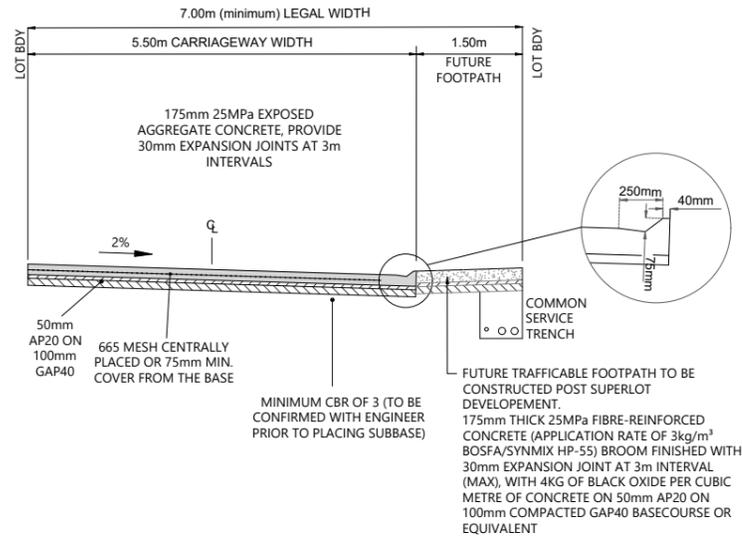




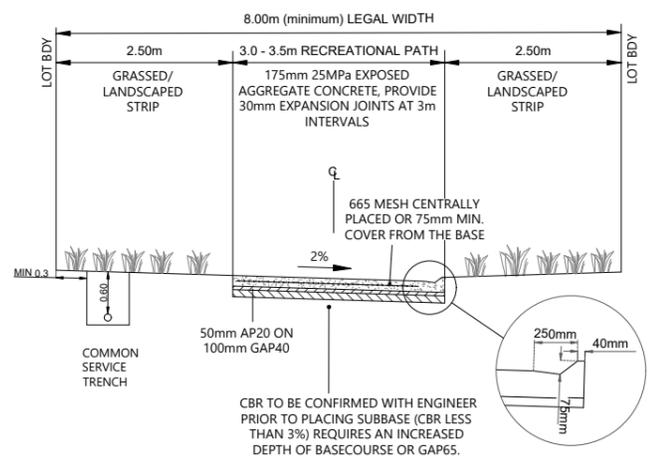
JOAL - 3.0M WIDTH TYPICAL SECTION
Scale: 1:100



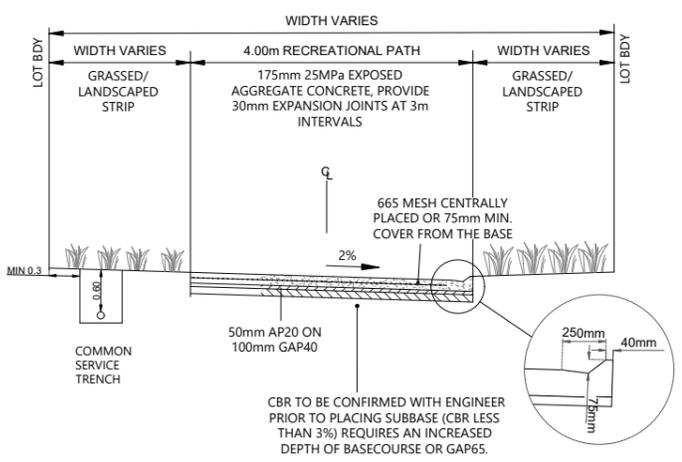
JOAL - 5.5M WIDTH TYPICAL SECTION
Scale: 1:100



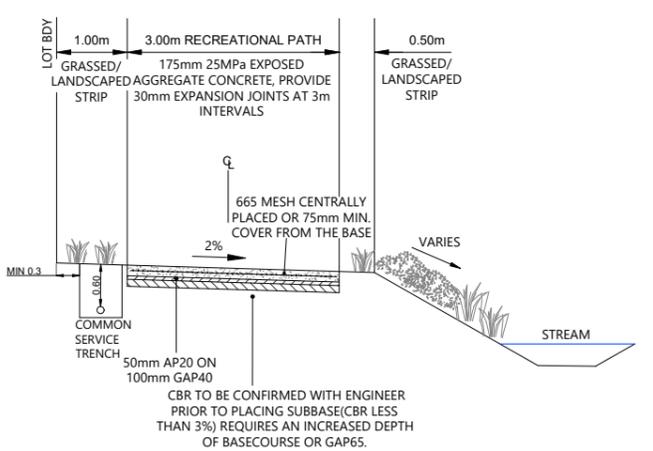
JOAL - 5.5M WIDTH TYPICAL SECTION
Scale: 1:100



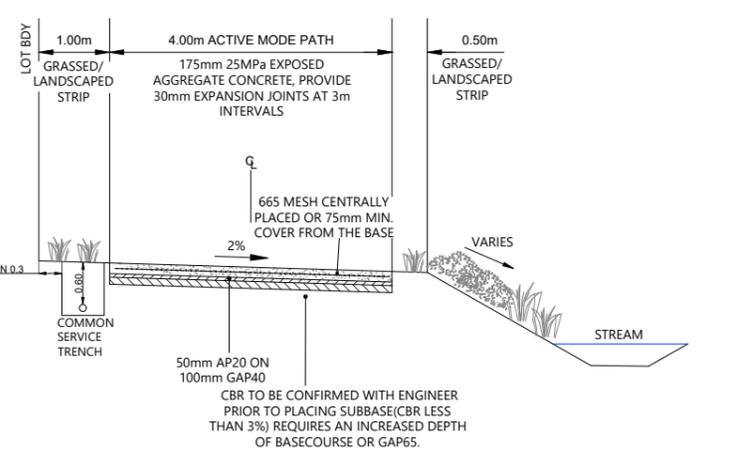
3.0 - 3.5m WIDTH RECREATIONAL PATH DETAIL
Scale: 1:100



4.0M WIDTH ACTIVE MODE PATH DETAIL
Scale: 1:100



3.0 - 3.5m WIDTH RECREATIONAL PATH ADJACENT TO STREAM
Scale: 1:100



4.0M WIDTH ACTIVE MODE PATH ADJACENT TO STREAM
Scale: 1:100



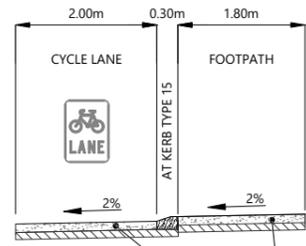
REVISION DETAILS		BY	DATE
1	ISSUED FOR CONSENT	AP	FEB 2025

SURVEYED	WOODS	SIDWELL ROAD WAINUI AUCKLAND
DESIGNED	AP	
DRAWN	AP	
CHECKED	AP	
APPROVED	JW	



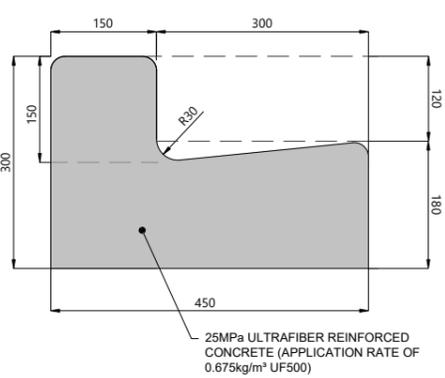
**MILDDALE
FAST TRACK
STAGES 10 - 13**
TYPICAL CROSS SECTIONS
JOALS AND ACCESSWAYS

STATUS	ISSUED FOR CONSENT	REV
SCALE	1:100 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-128-00-2016-RD	

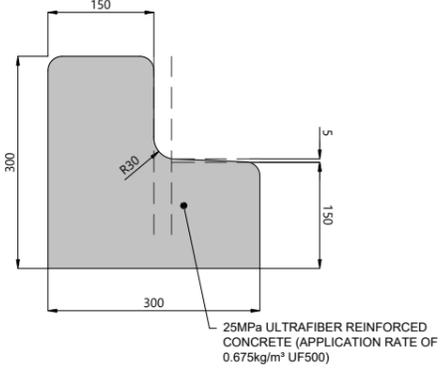


100mm THK 20MPa FIBRE-REINFORCED CONCRETE (APPLICATION RATE OF 2.5kg/m³ BOSFA/SYNMIX HP-55), BROOM FINISHED WITH 30mm EXPANSION JOINT AT 3m INTERVAL (MAX), WITH 4KG OF BLACK OXIDE PER CUBIC METER CONCRETE FOR FOOTPATH AND WITH 8KG OF BLACK OXIDE PER CUBIC METER CONCRETE FOR CYCLEWAY, OVER 100mm COMPACTED GAP40 BASECOURSE OR EQUIVALENT

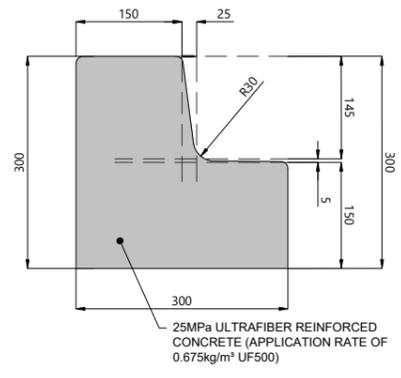
TYPICAL CYCLEWAY/FOOTPATH DETAIL
Scale: 1:100



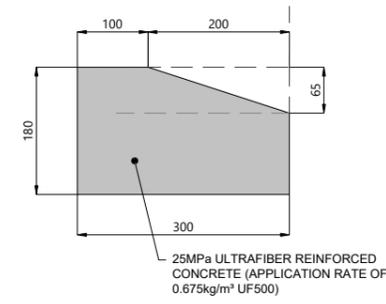
VERTICAL AT KERB AND CHANNEL TYPE 3
Scale: 1:10



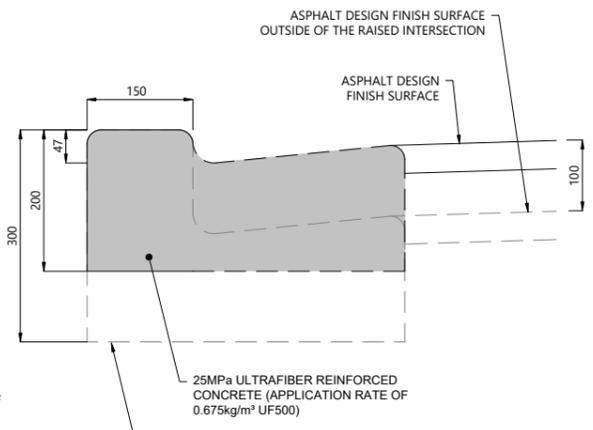
VERTICAL AT KERB AND NIB TYPE 7
Scale: 1:10



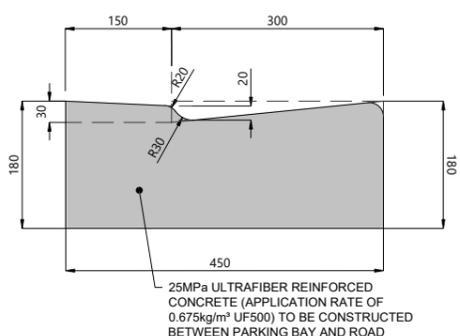
EXTRUDED AT KERB AND NIB TYPE 7
Scale: 1:10



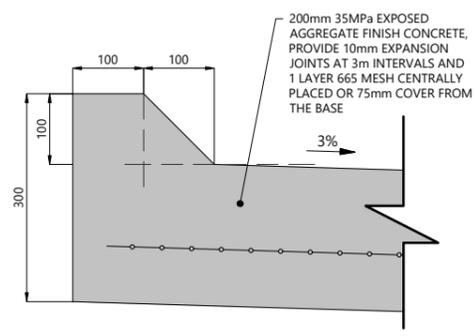
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Scale: 1:10



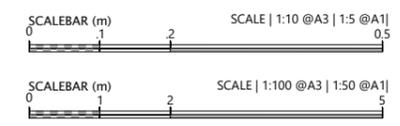
VERTICAL KERB AT RAISED INTERSECTION
Scale: 1:10



AT KERB TYPE 4
Scale: 1:10



PARKING BAY CAST INSITU KERB
Scale: 1:10



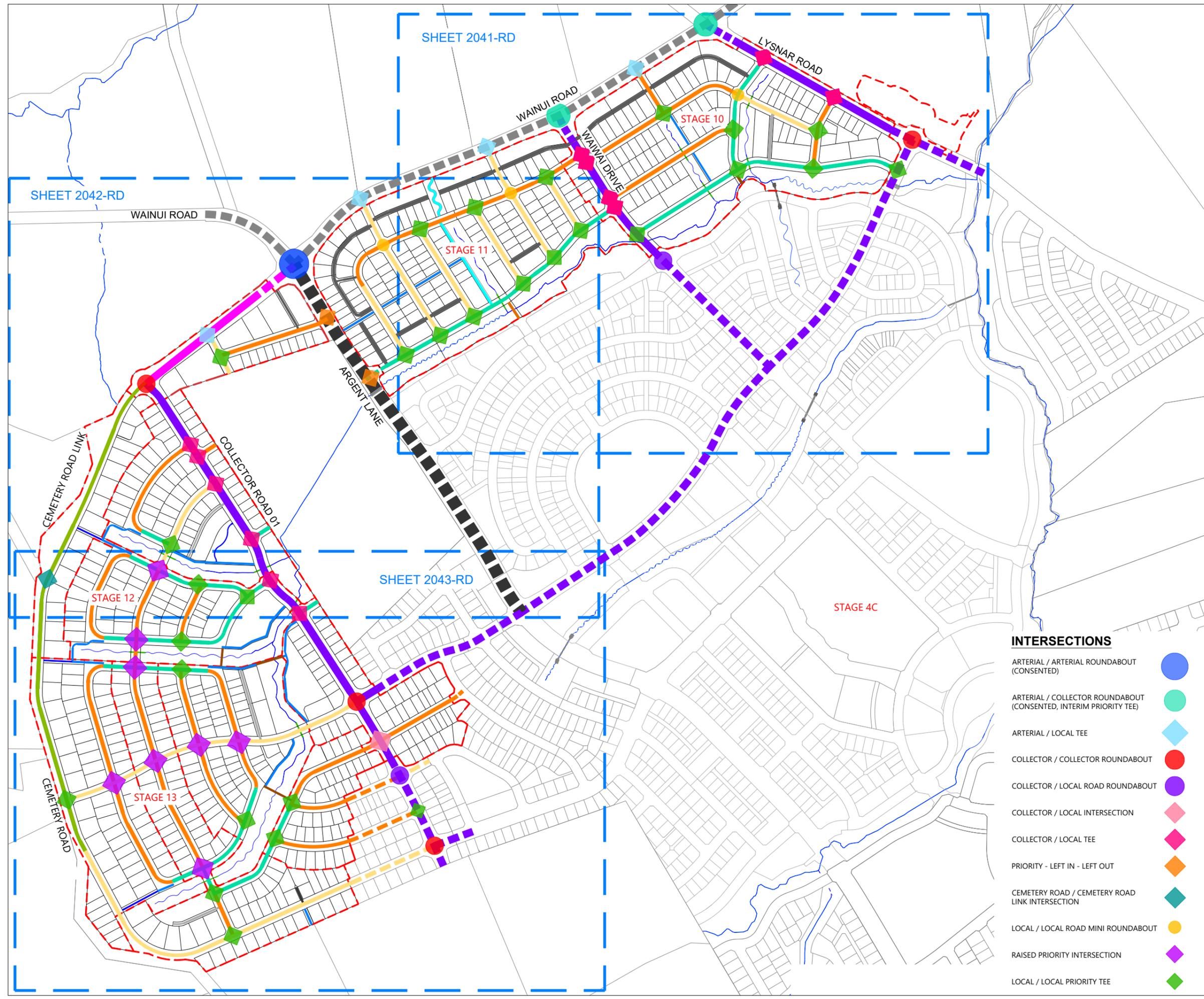
REVISION DETAILS		BY	DATE
1	ISSUED FOR CONSENT	AP	FEB 2025

SURVEYED	WOODS	SIDWELL ROAD WAINUI AUCKLAND
DESIGNED	AP	
DRAWN	TB	
CHECKED	AP	
APPROVED	JW	



**MILLDALE
FAST TRACK
STAGES 10 - 13**
TYPICAL CROSS SECTIONS
FOOTPATH/CYCLEWAY AND
KERB AND CHANNEL/NIB

STATUS	ISSUED FOR CONSENT	REV
SCALE	AS SHOWN	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-128-00-2017-RD	



LEGEND

- EXTENTS OF FAST TRACK APPLICATION ---
- BOUNDARIES ---
- STREAM ---
- STREETS**
- ARGENT LANE - ARTERIAL ROAD (30m) █
- WAINUI ROAD - ARTERIAL ROAD (24m) █
- WAIWAI DRIVE / LYSNAR ROAD / COLLECTOR ROAD (24m) █
- CEMETERY ROAD LINK COLLECTOR (24m) █
- STREAM EDGE ROAD (SER) █
- LOCAL ROAD (LR) TYPE 1 █
- LOCAL ROAD (LR) TYPE 2 █
- CEMETERY ROAD UPGRADE █
- JOINT OWNED ACCESS LOTS**
- JOAL - TYPE 1 (5m) █
- JOAL - TYPE 2 (7m, WITH ROAD FRONTAGE) █
- JOAL - TYPE 3 (7m, REAR LOADED ONLY) █
- DEDICATED PATHS**
- ACTIVE MODES PATH (4m) █
- RECREATIONAL PATH (3m) / DRAINAGE RESERVE PATH (3.5m) █
- RECREATIONAL PATH (2m) █
- ACTIVE MODE PATH BRIDGE (4m) █
- RECREATIONAL PATH BRIDGE (3m) █

REVISION DETAILS		BY	DATE
1	ISSUED FOR CONSENT	JW	FEB 2025

INTERSECTIONS

- ARTERIAL / ARTERIAL ROUNDABOUT (CONSENTED) ●
- ARTERIAL / COLLECTOR ROUNDABOUT (CONSENTED, INTERIM PRIORITY TEE) ●
- ARTERIAL / LOCAL TEE ◆
- COLLECTOR / COLLECTOR ROUNDABOUT ●
- COLLECTOR / LOCAL ROAD ROUNDABOUT ●
- COLLECTOR / LOCAL INTERSECTION ◆
- COLLECTOR / LOCAL TEE ◆
- PRIORITY - LEFT IN - LEFT OUT ◆
- CEMETERY ROAD / CEMETERY ROAD LINK INTERSECTION ◆
- LOCAL / LOCAL ROAD MINI ROUNDABOUT ●
- RAISED PRIORITY INTERSECTION ◆
- LOCAL / LOCAL PRIORITY TEE ◆

SURVEYED	WOODS	SIDWELL ROAD WAINUI AUCKLAND
DESIGNED	WOODS	
DRAWN	AP	
CHECKED	AP	
APPROVED	JW	WOODS.CO.NZ

N

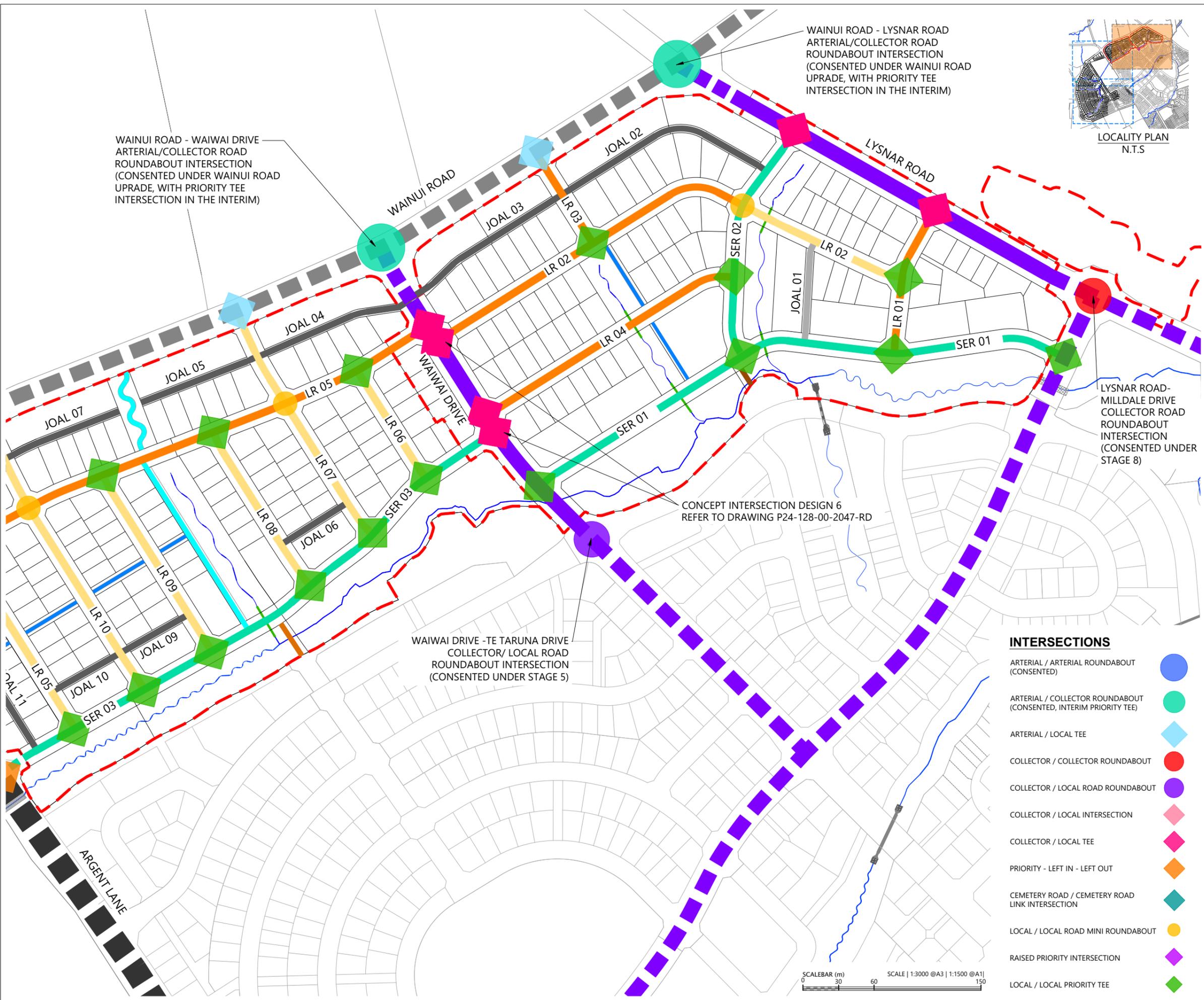
MILLDALE
Connecting Lives

**MILLDALE
FAST TRACK
STAGES 10 - 13**

**ROAD INTERSECTION TYPOLOGY
PLAN**

STATUS	ISSUED FOR CONSENT	REV
SCALE	1:6000 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-128-00-2040-RD	

Plot Date: 3:44:55 pm, 24 February 2025, ALBERTP
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LEGEND

- EXTENTS OF FAST TRACK APPLICATION - - -
- BOUNDARIES
- STREAM ~ ~ ~
- STREETS**
- ARGENT LANE - ARTERIAL ROAD (30m)
- WAINUI ROAD - ARTERIAL ROAD (24m)
- WAIWAI DRIVE / LYSNAR ROAD / COLLECTOR ROAD (24m)
- CEMETERY ROAD LINK COLLECTOR (24m)
- STREAM EDGE ROAD (SER)
- LOCAL ROAD (LR) TYPE 1
- LOCAL ROAD (LR) TYPE 2
- CEMETERY ROAD UPGRADE
- JOINT OWNED ACCESS LOTS**
- JOAL - TYPE 1 (5m)
- JOAL - TYPE 2 (7m, WITH ROAD FRONTAGE)
- JOAL - TYPE 3 (7m, REAR LOADED ONLY)
- DEDICATED PATHS**
- ACTIVE MODES PATH (4m)
- RECREATIONAL PATH (3m) / DRAINAGE RESERVE PATH (3.5m)
- RECREATIONAL PATH (2m)
- ACTIVE MODE PATH BRIDGE (4m)
- RECREATIONAL PATH BRIDGE (3m)

REVISION DETAILS		BY	DATE
1	ISSUED FOR CONSENT	JW	FEB 2025

SURVEYED	WOODS	SIDWELL ROAD WAINUI AUCKLAND WOODS.CO.NZ
DESIGNED	WOODS	
DRAWN	AP	
CHECKED	AP	
APPROVED	JW	

N

**MILLDALE
FAST TRACK
STAGES 10 - 13
ROAD INTERSECTION TYPOLOGY
PLAN
SHEET 1**

STATUS	ISSUED FOR CONSENT	REV
SCALE	1:3000 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-128-00-2041-RD	

INTERSECTIONS

- ARTERIAL / ARTERIAL ROUNDABOUT (CONSENTED) ●
- ARTERIAL / COLLECTOR ROUNDABOUT (CONSENTED, INTERIM PRIORITY TEE) ●
- ARTERIAL / LOCAL TEE ◆
- COLLECTOR / COLLECTOR ROUNDABOUT ●
- COLLECTOR / LOCAL ROAD ROUNDABOUT ●
- COLLECTOR / LOCAL INTERSECTION ◆
- COLLECTOR / LOCAL TEE ◆
- PRIORITY - LEFT IN - LEFT OUT ◆
- CEMETERY ROAD / CEMETERY ROAD LINK INTERSECTION ◆
- LOCAL / LOCAL ROAD MINI ROUNDABOUT ●
- RAISED PRIORITY INTERSECTION ◆
- LOCAL / LOCAL PRIORITY TEE ◆





ARGENT LANE - WAINUI ROAD - ARTERIAL ROAD ROUNDABOUT INTERSECTION (CONSENTED UNDER WAINUI ROAD UPGRADE)

CONCEPT INTERSECTION DESIGN 5 REFER TO DRAWING P24-128-00-2047-RD

CEMETERY ROAD CONCEPT INTERSECTION DESIGN REFER TO DRAWING P24-128-00-2047-RD

CONCEPT INTERSECTION DESIGN 2 REFER TO DRAWING P24-128-00-2046-RD

ARGENT LANE - LOCAL ROAD ARTERIAL ROAD/LOCAL ROAD PRIORITY TEE INTERSECTION (CONSENTED UNDER WAINUI ROAD UPGRADE)

LEGEND

- EXTENTS OF FAST TRACK APPLICATION ---
- BOUNDARIES
- STREAM ~
- STREETS**
- ARGENT LANE - ARTERIAL ROAD (30m)
- WAINUI ROAD - ARTERIAL ROAD (24m)
- WAIWAI DRIVE / LYSNAR ROAD / COLLECTOR ROAD (24m)
- CEMETERY ROAD LINK COLLECTOR (24m)
- STREAM EDGE ROAD (SER)
- LOCAL ROAD (LR) TYPE 1
- LOCAL ROAD (LR) TYPE 2
- CEMETERY ROAD UPGRADE
- JOINT OWNED ACCESS LOTS**
- JOAL - TYPE 1 (5m)
- JOAL - TYPE 2 (7m, WITH ROAD FRONTAGE)
- JOAL - TYPE 3 (7m, REAR LOADED ONLY)
- DEDICATED PATHS**
- ACTIVE MODES PATH (4m)
- RECREATIONAL PATH (3m) / DRAINAGE RESERVE PATH (3.5m)
- RECREATIONAL PATH (2m)
- ACTIVE MODE PATH BRIDGE (4m)
- RECREATIONAL PATH BRIDGE (3m)

REVISION DETAILS		BY	DATE
1	ISSUED FOR CONSENT	JW	FEB 2025

SURVEYED	WOODS	SIDWELL ROAD WAINUI AUCKLAND
DESIGNED	WOODS	
DRAWN	AP	WOODS.CO.NZ
CHECKED	AP	
APPROVED	JW	

N

MILLDALE
Connecting Lives

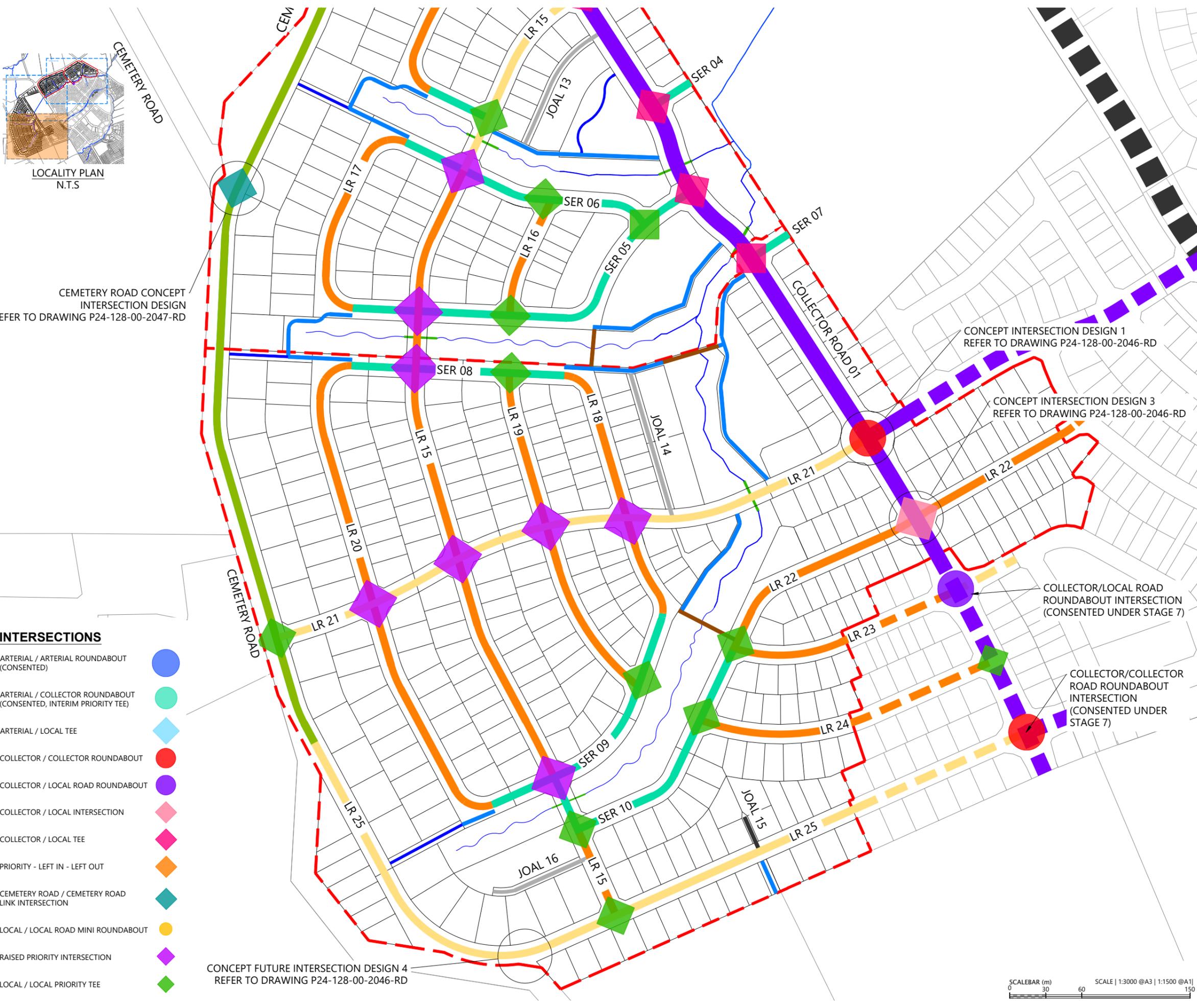
**MILLDALE
FAST TRACK
STAGES 10 - 13
ROAD INTERSECTION TYPOLOGY
PLAN
SHEET 2**

STATUS	ISSUED FOR CONSENT	REV
SCALE	1:3000 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-128-00-2042-RD	

INTERSECTIONS

- ARTERIAL / ARTERIAL ROUNDABOUT (CONSENTED) ●
- ARTERIAL / COLLECTOR ROUNDABOUT (CONSENTED, INTERIM PRIORITY TEE) ●
- ARTERIAL / LOCAL TEE ◆
- COLLECTOR / COLLECTOR ROUNDABOUT ●
- COLLECTOR / LOCAL ROAD ROUNDABOUT ●
- COLLECTOR / LOCAL INTERSECTION ◆
- COLLECTOR / LOCAL TEE ◆
- PRIORITY - LEFT IN - LEFT OUT ◆
- CEMETERY ROAD / CEMETERY ROAD LINK INTERSECTION ◆
- LOCAL / LOCAL ROAD MINI ROUNDABOUT ●
- RAISED PRIORITY INTERSECTION ◆
- LOCAL / LOCAL PRIORITY TEE ◆





CEMETERY ROAD CONCEPT INTERSECTION DESIGN REFER TO DRAWING P24-128-00-2047-RD

CONCEPT INTERSECTION DESIGN 1 REFER TO DRAWING P24-128-00-2046-RD

CONCEPT INTERSECTION DESIGN 3 REFER TO DRAWING P24-128-00-2046-RD

COLLECTOR/LOCAL ROAD ROUNDABOUT INTERSECTION (CONSENTED UNDER STAGE 7)

COLLECTOR/COLLECTOR ROAD ROUNDABOUT INTERSECTION (CONSENTED UNDER STAGE 7)

CONCEPT FUTURE INTERSECTION DESIGN 4 REFER TO DRAWING P24-128-00-2046-RD

INTERSECTIONS

- ARTERIAL / ARTERIAL ROUNDABOUT (CONSENTED) ●
- ARTERIAL / COLLECTOR ROUNDABOUT (CONSENTED, INTERIM PRIORITY TEE) ●
- ARTERIAL / LOCAL TEE ◆
- COLLECTOR / COLLECTOR ROUNDABOUT ●
- COLLECTOR / LOCAL ROAD ROUNDABOUT ●
- COLLECTOR / LOCAL INTERSECTION ◆
- COLLECTOR / LOCAL TEE ◆
- PRIORITY - LEFT IN - LEFT OUT ◆
- CEMETERY ROAD / CEMETERY ROAD LINK INTERSECTION ◆
- LOCAL / LOCAL ROAD MINI ROUNDABOUT ●
- RAISED PRIORITY INTERSECTION ◆
- LOCAL / LOCAL PRIORITY TEE ◆

LEGEND

- EXTENTS OF FAST TRACK APPLICATION - - -
- BOUNDARIES ---
- STREAM ~ ~ ~
- STREETS**
- ARGENT LANE - ARTERIAL ROAD (30m) ■ ■ ■ ■
- WAINUI ROAD - ARTERIAL ROAD (24m) ■ ■ ■ ■
- WAIWAI DRIVE / LYSNAR ROAD / COLLECTOR ROAD (24m) ■ ■ ■ ■
- CEMETERY ROAD LINK COLLECTOR (24m) ■ ■ ■ ■
- STREAM EDGE ROAD (SER) ■ ■ ■ ■
- LOCAL ROAD (LR) TYPE 1 ■ ■ ■ ■
- LOCAL ROAD (LR) TYPE 2 ■ ■ ■ ■
- CEMETERY ROAD UPGRADE ■ ■ ■ ■
- JOINT OWNED ACCESS LOTS**
- JOAL - TYPE 1 (5m) ■ ■ ■ ■
- JOAL - TYPE 2 (7m, WITH ROAD FRONTAGE) ■ ■ ■ ■
- JOAL - TYPE 3 (7m, REAR LOADED ONLY) ■ ■ ■ ■
- DEDICATED PATHS**
- ACTIVE MODES PATH (4m) ■ ■ ■ ■
- RECREATIONAL PATH (3m) / DRAINAGE RESERVE PATH (3.5m) ■ ■ ■ ■
- RECREATIONAL PATH (2m) ■ ■ ■ ■
- ACTIVE MODE PATH BRIDGE (4m) ■ ■ ■ ■
- RECREATIONAL PATH BRIDGE (3m) ■ ■ ■ ■

REVISION DETAILS		BY	DATE
1	ISSUED FOR CONSENT	JW	FEB 2025

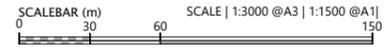
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DESIGNED	WOODS	
DRAWN	AP	
CHECKED	AP	
APPROVED	JW	

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MILLDALE
Connecting Lives

**MILLDALE
FAST TRACK
STAGES 10 - 13
ROAD INTERSECTION TYPOLOGY
PLAN
SHEET 3**

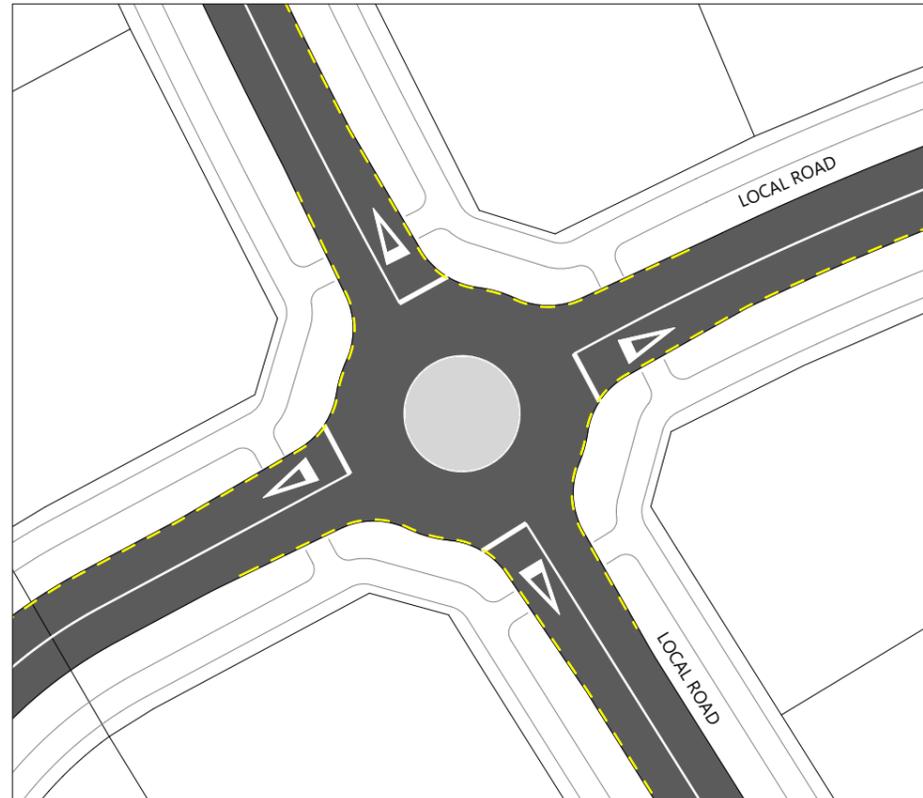
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DWG NO	P24-128-00-2043-RD	



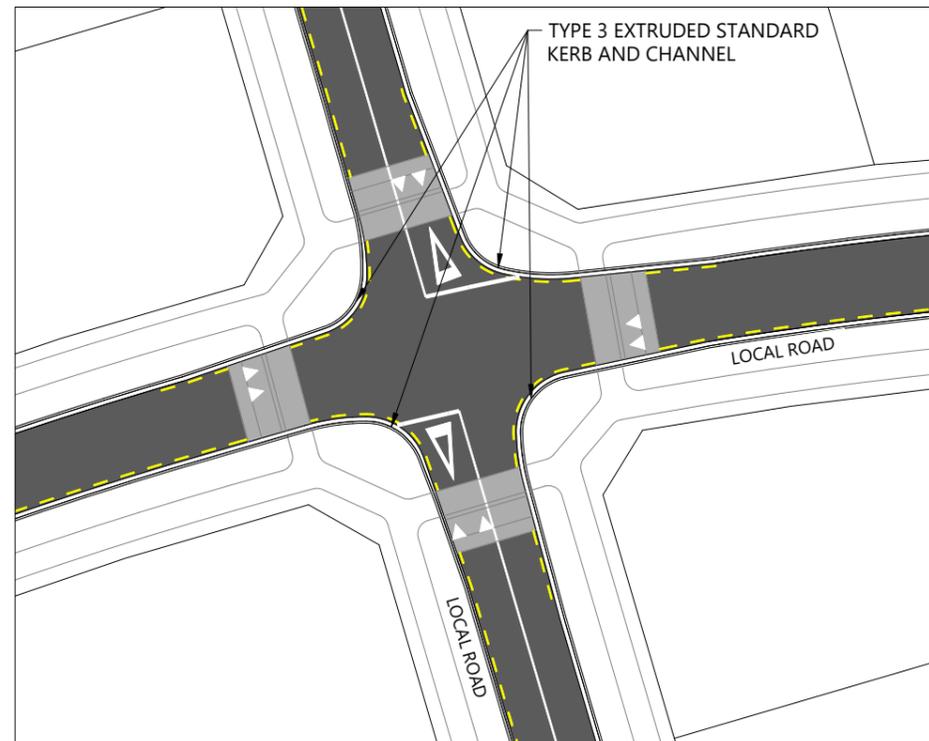
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NOTES

1. THE INTERSECTION DESIGN AND LAYOUT SHOWN IS INDICATIVE ONLY. FINAL DETAILED DESIGN AND LAYOUT ARE TO BE DETERMINED AT ENGINEERING APPROVAL STAGE.



 TYPICAL LOCAL / LOCAL ROAD MINI ROUNDABOUT



 TYPICAL RAISED PRIORITY INTERSECTION

REVISION DETAILS		BY	DATE
1	ISSUED FOR CONSENT	MW	FEB 2025

SURVEYED	WOODS	SIDWELL ROAD WAINUI AUCKLAND
DESIGNED	WOODS	
DRAWN	MW	
CHECKED	AP	
APPROVED	JW	



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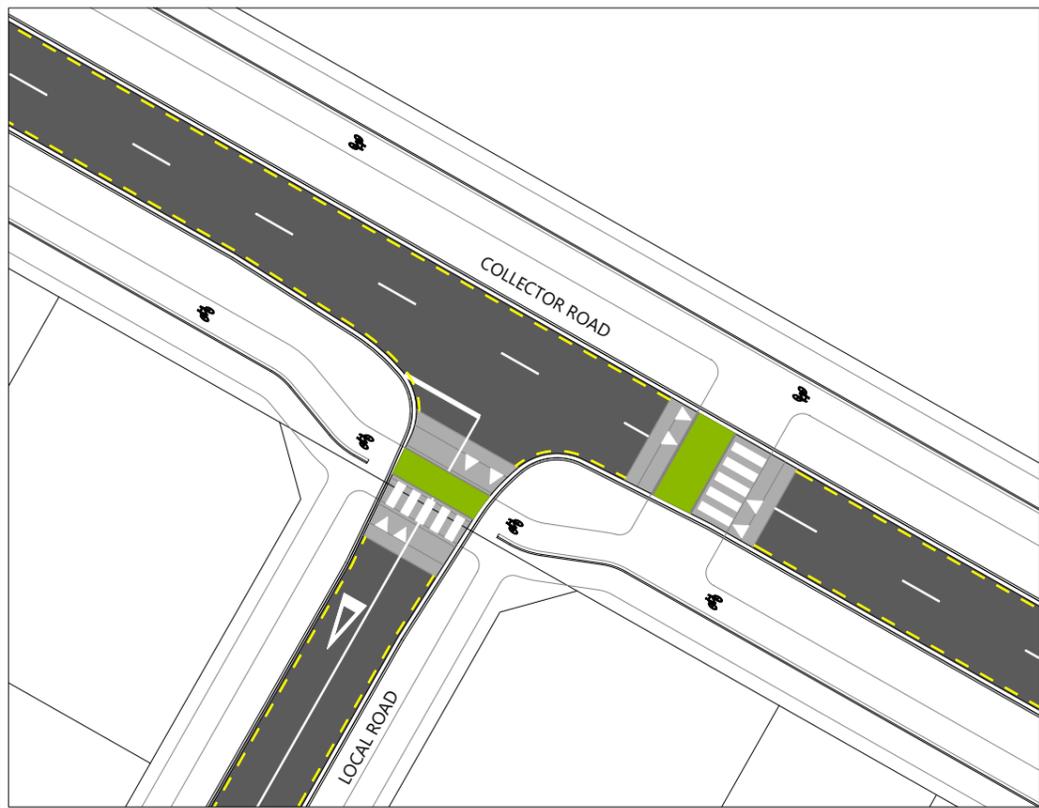
MILLDALE
Connecting Lives for Ever

**MILLDALE
FAST TRACK
STAGES 10 - 13**

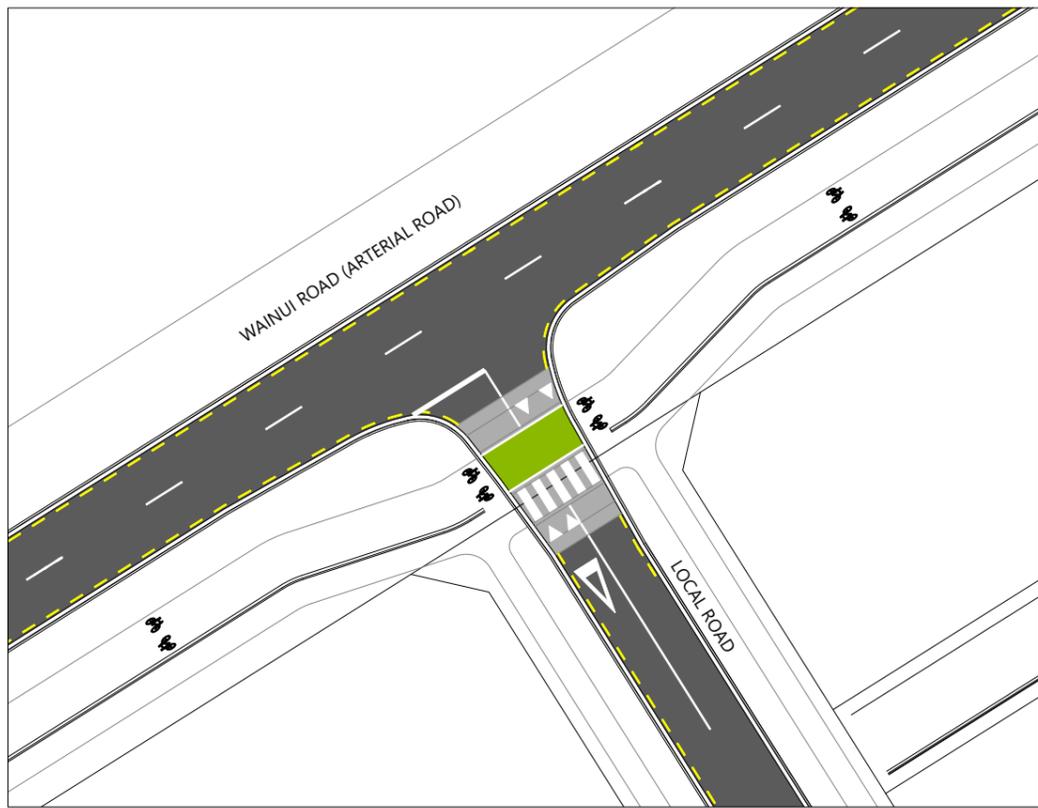
TYPICAL INTERSECTION LAYOUTS
SHEET 1

STATUS	ISSUED FOR CONSENT	REV
SCALE	1:500 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-128-00-2044-RD	

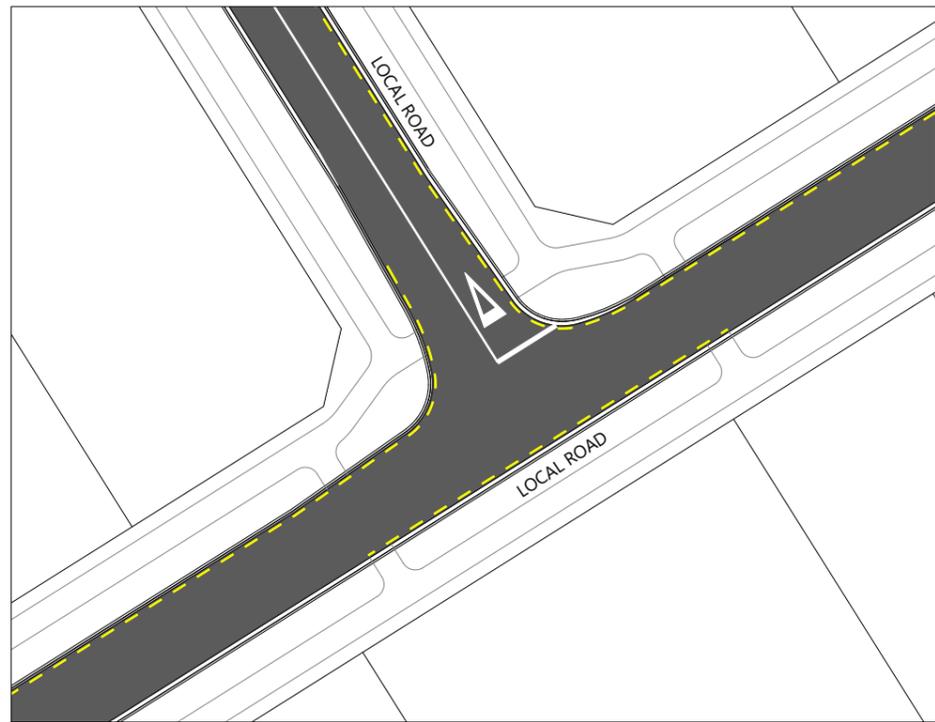




TYPICAL COLLECTOR/LOCAL TEE



TYPICAL ARTERIAL/LOCAL TEE



TYPICAL LOCAL / LOCAL PRIORITY TEE INTERSECTION

NOTES

1. THE INTERSECTION DESIGN AND LAYOUT SHOWN IS INDICATIVE ONLY. FINAL DETAILED DESIGN AND LAYOUT ARE TO BE DETERMINED AT ENGINEERING APPROVAL STAGE.

REVISION DETAILS		BY	DATE
1	ISSUED FOR CONSENT	MW	FEB 2025

SURVEYED	WOODS	SIDWELL ROAD WAINUI AUCKLAND
DESIGNED	WOODS	
DRAWN	MW	
CHECKED	AP	
APPROVED	JW	

N

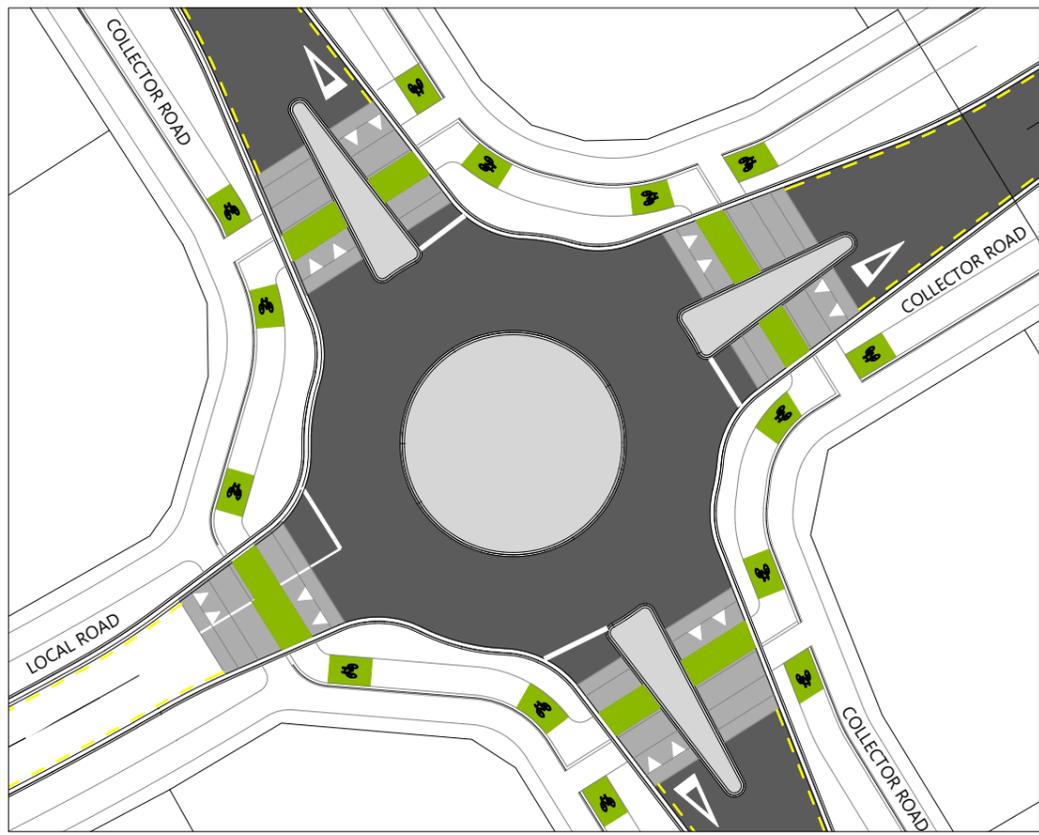
MILLDALE
Connecting Lives

**MILLDALE
FAST TRACK
STAGES 10 - 13**

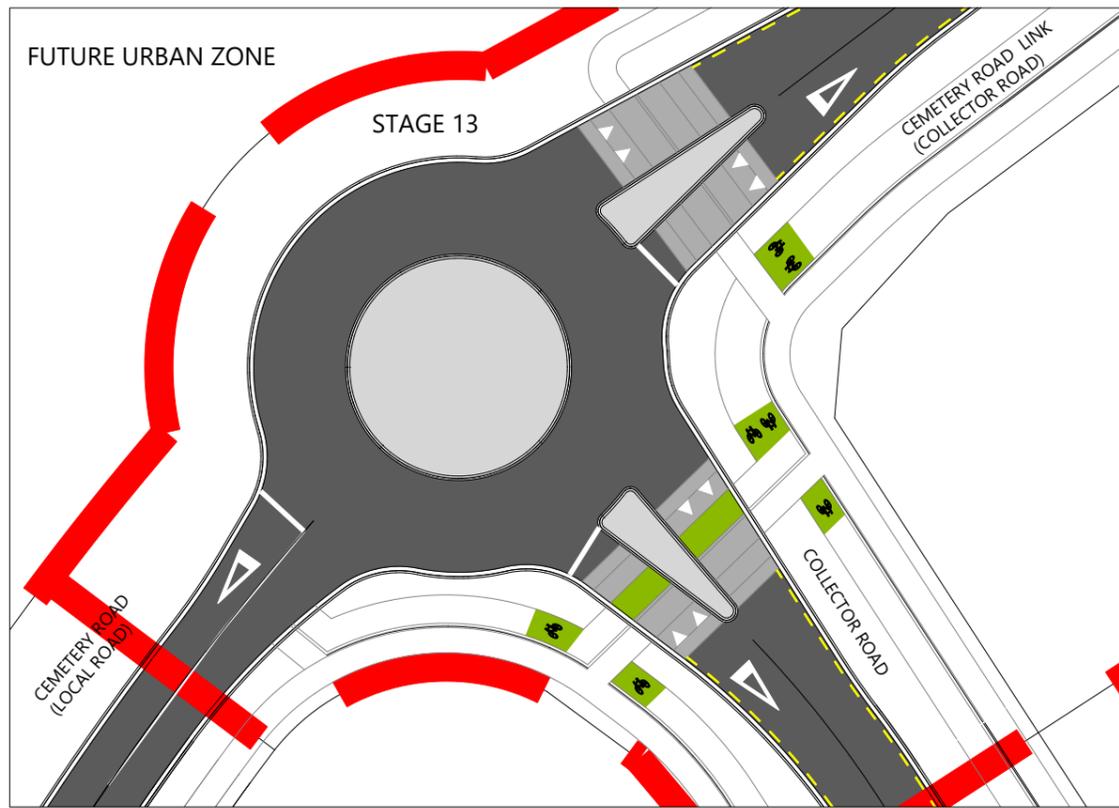
TYPICAL INTERSECTION LAYOUTS
SHEET 2

STATUS	ISSUED FOR CONSENT	REV
SCALE	1:500 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-128-00-2045-RD	

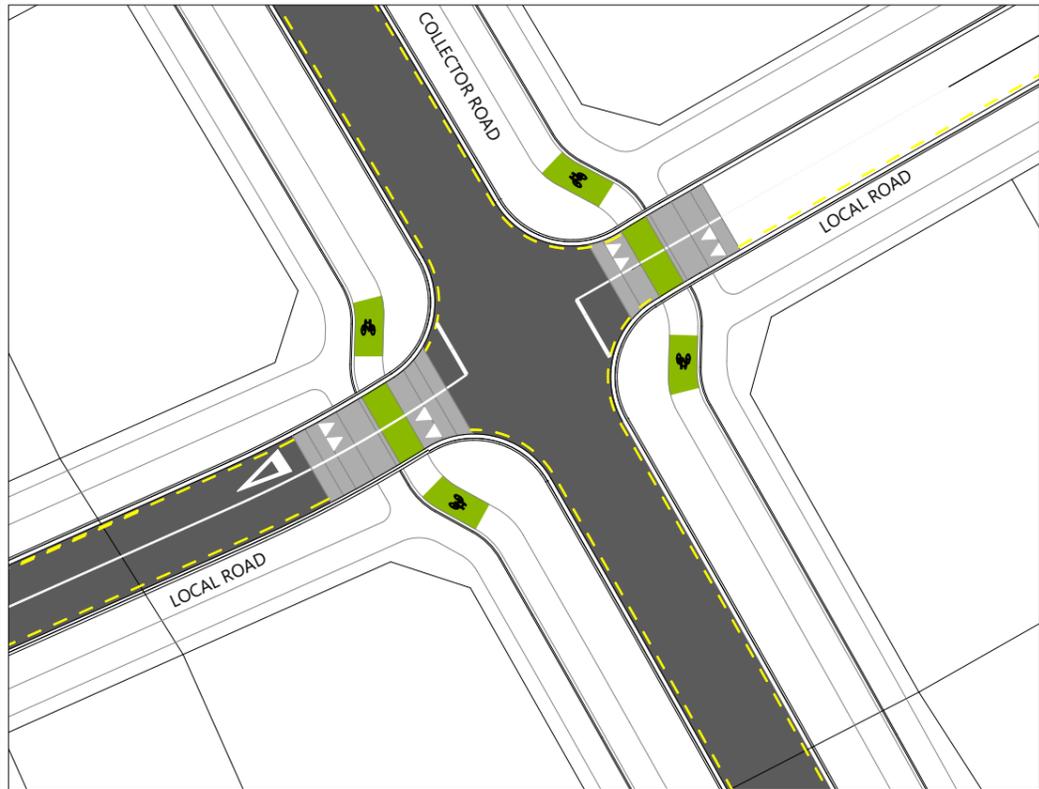




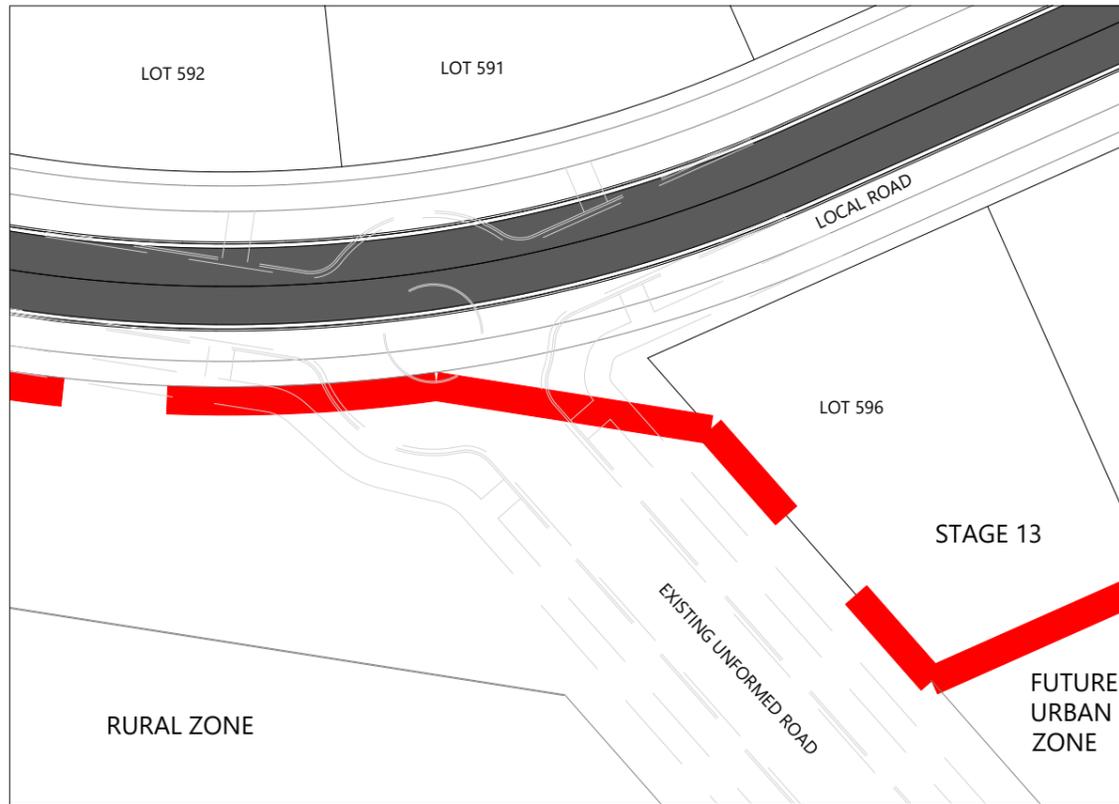
● CONCEPT INTERSECTION DESIGN 1 - COLLECTOR / COLLECTOR ROUNDABOUT



● CONCEPT INTERSECTION DESIGN 2 - COLLECTOR / COLLECTOR ROUNDABOUT



◆ CONCEPT INTERSECTION DESIGN 3 - COLLECTOR / LOCAL INTERSECTION



● CONCEPT FUTURE INTERSECTION DESIGN 4

NOTES

1. THE INTERSECTION DESIGN AND LAYOUT SHOWN IS INDICATIVE ONLY. FINAL DETAILED DESIGN AND LAYOUT ARE TO BE DETERMINED AT ENGINEERING APPROVAL STAGE.

REVISION DETAILS	BY	DATE

SURVEYED	WOODS	SIDWELL ROAD WAINUI AUCKLAND
DESIGNED	WOODS	
DRAWN	TB	
CHECKED	AP	
APPROVED	JW	

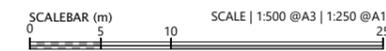
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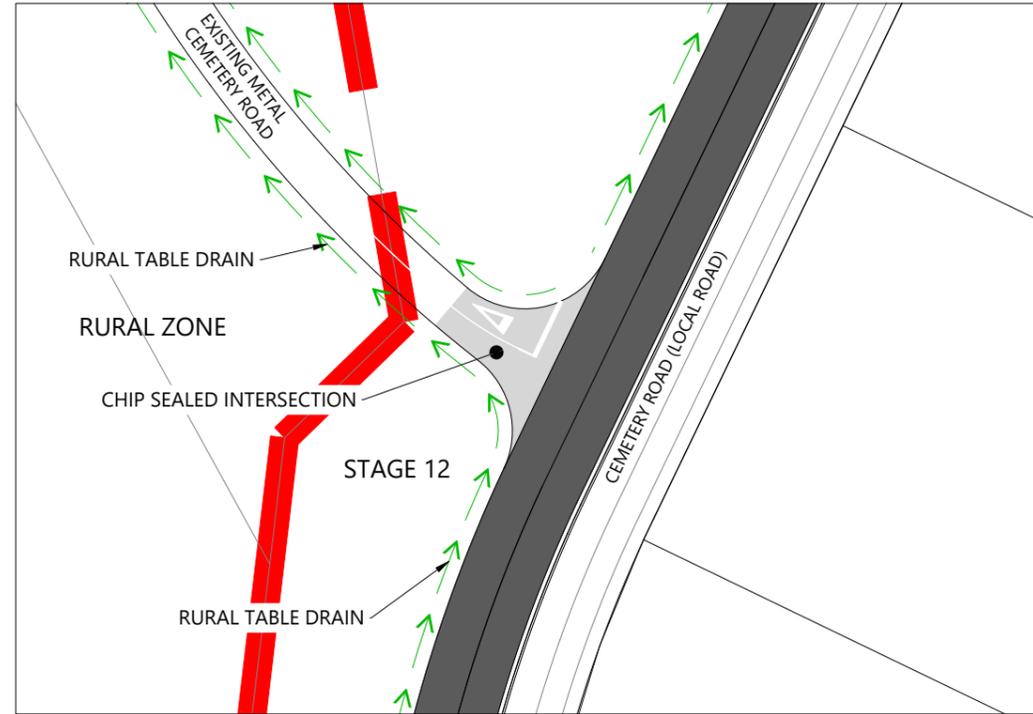
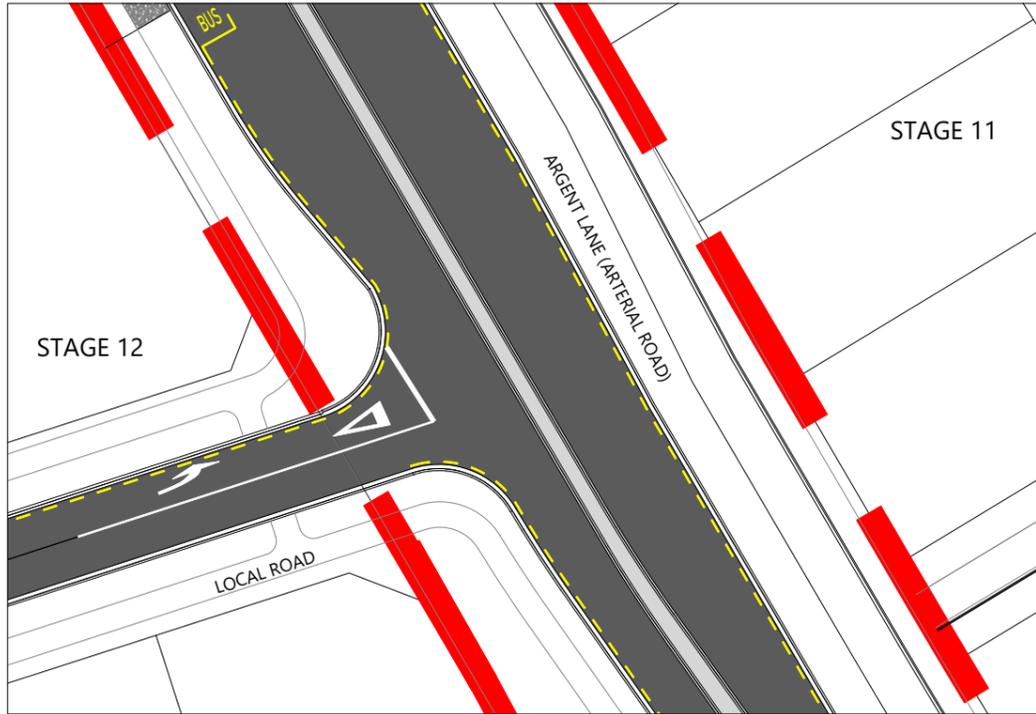
MILLDALE
Connecting Lives

**MILLDALE
FAST TRACK
STAGES 10 - 13**

CONCEPT INTERSECTION LAYOUTS
SHEET 1

STATUS	ISSUED FOR CONSENT	REV
SCALE	1:500 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-128-00-2046-RD	



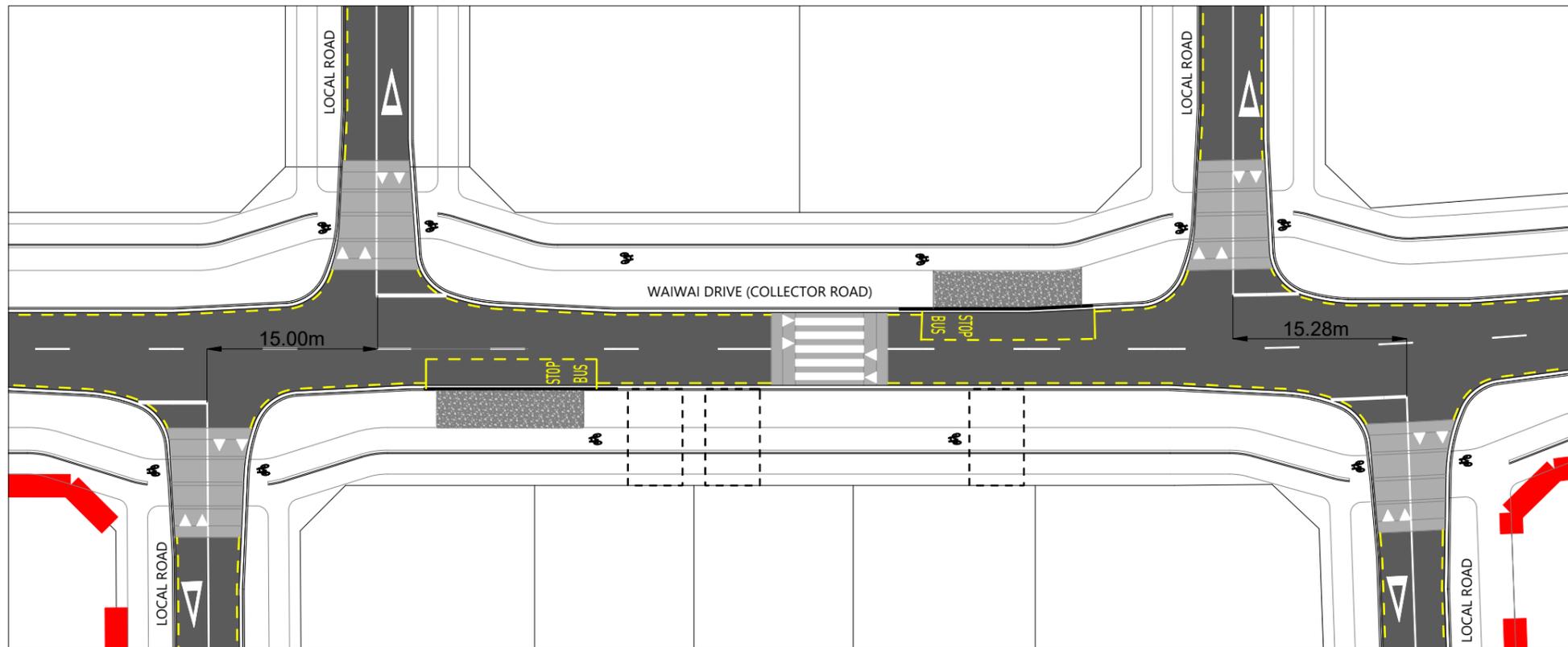


CONCEPT INTERSECTION DESIGN 5 - PRIORITY LEFT IN - LEFT OUT
ARGENT LANE (ARTERIAL ROAD) / LOCAL ROAD

CONCEPT INTERSECTION DESIGN 6
CEMETERY RD TO CEMETERY RD TEE

NOTES

1. THE INTERSECTION DESIGN AND LAYOUT SHOWN IS INDICATIVE ONLY. FINAL DETAILED DESIGN AND LAYOUT ARE TO BE DETERMINED AT ENGINEERING APPROVAL STAGE.



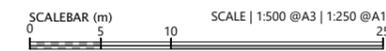
CONCEPT INTERSECTION DESIGN 7 - COLLECTOR / LOCAL TEE
WAIWAI DRIVE (COLLECTOR ROAD) / LOCAL ROAD STAGE 10: STAGGERED TEE INTERSECTIONS

REVISION DETAILS		BY	DATE
1	ISSUED FOR CONSENT	MW	FEB 2025

SURVEYED	WOODS	SIDWELL ROAD WAINUI AUCKLAND
DESIGNED	WOODS	
DRAWN	MW	
CHECKED	AP	
APPROVED	JW	
		WOODS.CO.NZ

**MILLDALE
FAST TRACK
STAGES 10 - 13**
CONCEPT INTERSECTION LAYOUTS
SHEET 2

STATUS	ISSUED FOR CONSENT	REV
SCALE	1:500 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-128-00-2047-RD	





LEGEND

- EXTENTS OF FAST TRACK APPLICATION ---
- BOUNDARIES ---
- STREAM ---
- STREETS**
- ARGENT LANE - ARTERIAL ROAD (30m) █
- WAINUI ROAD - ARTERIAL ROAD (24m) █
- WAIWAI DRIVE / LYSNAR ROAD / COLLECTOR ROAD (24m) █
- CEMETERY ROAD LINK COLLECTOR (24m) █
- STREAM EDGE ROAD (SER) █
- LOCAL ROAD (LR) TYPE 1 █
- LOCAL ROAD (LR) TYPE 2 █
- CEMETERY ROAD UPGRADE █
- JOINT OWNED ACCESS LOTS**
- JOAL - TYPE 1 (5m) █
- JOAL - TYPE 2 (7m, WITH ROAD FRONTAGE) █
- JOAL - TYPE 3 (7m, REAR LOADED ONLY) █
- DEDICATED PATHS**
- ACTIVE MODES PATH (4m) █
- RECREATIONAL PATH (3m) / DRAINAGE RESERVE PATH (3.5m) █
- RECREATIONAL PATH (2m) █
- ACTIVE MODE PATH BRIDGE (4m) █
- RECREATIONAL PATH BRIDGE (3m) █

REVISION DETAILS			BY	DATE
1	ISSUED FOR CONSENT		JW	FEB 2025

SURVEYED	WOODS	SIDWELL ROAD
DESIGNED	AP	AUCKLAND
DRAWN	AP	AUCKLAND
CHECKED	AP	
APPROVED	JW	WOODS.CO.NZ

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MILLDALE
Connecting Lives

MILLDALE FAST TRACK STAGES 10 - 13

ROAD TRAFFIC CALMING TYPOLOGY PLAN

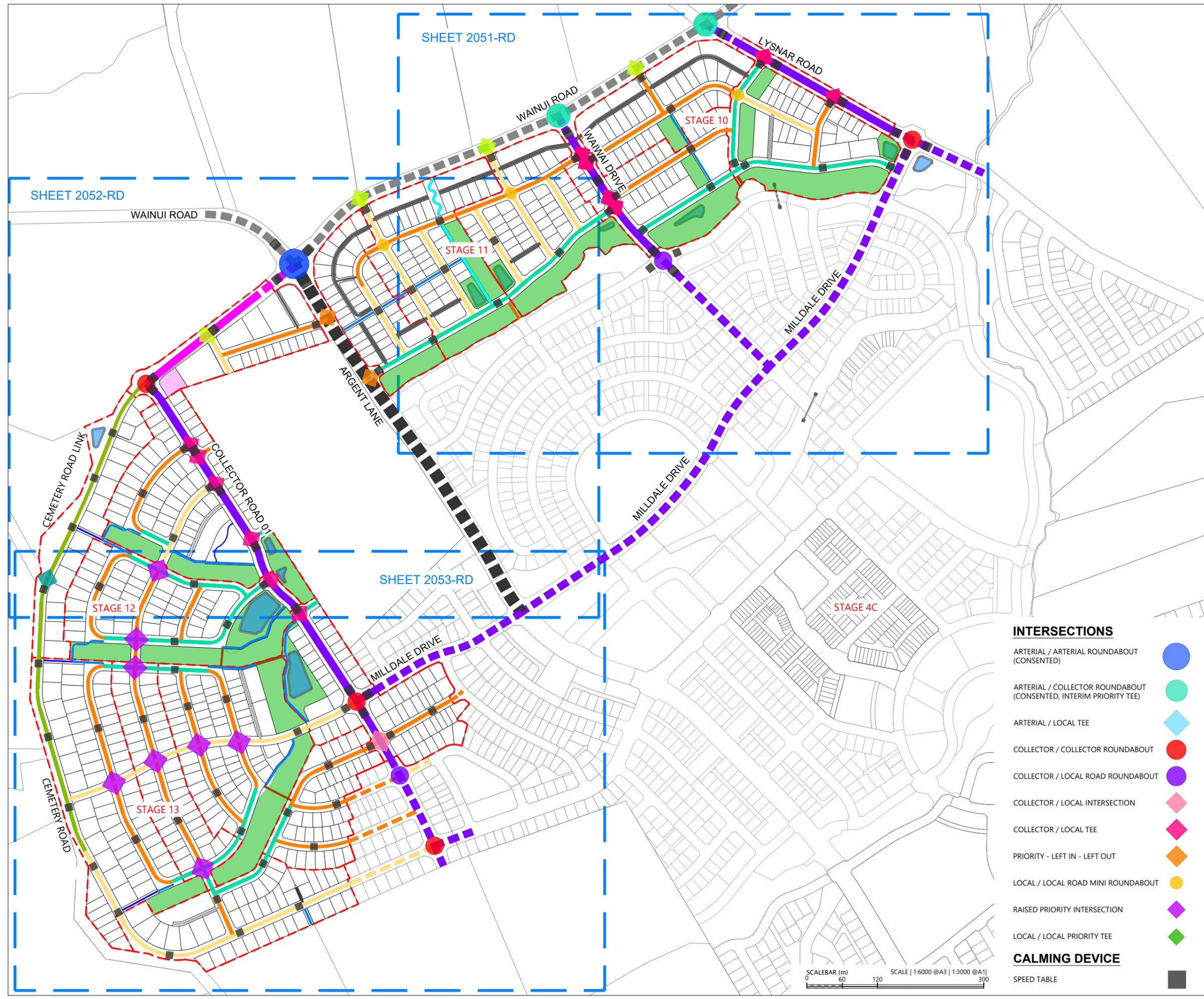
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SCALE	1:6000 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-128-00-2050-RD	

INTERSECTIONS

- ARTERIAL / ARTERIAL ROUNDABOUT (CONSENTED) ●
- ARTERIAL / COLLECTOR ROUNDABOUT (CONSENTED, INTERIM PRIORITY TEE) ●
- ARTERIAL / LOCAL TEE ◆
- COLLECTOR / COLLECTOR ROUNDABOUT ●
- COLLECTOR / LOCAL ROAD ROUNDABOUT ●
- COLLECTOR / LOCAL INTERSECTION ◆
- COLLECTOR / LOCAL TEE ◆
- PRIORITY - LEFT IN - LEFT OUT ◆
- LOCAL / LOCAL ROAD MINI ROUNDABOUT ●
- RAISED PRIORITY INTERSECTION ◆
- LOCAL / LOCAL PRIORITY TEE ◆

CALMING DEVICE

- SPEED TABLE █



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LEGEND

- EXTENTS OF FAST TRACK APPLICATION - - - - -
- BOUNDARIES
- STREAM - - - - -
- STREETS**
- ARGENT LANE - ARTERIAL ROAD (30m)
- WAINUI ROAD - ARTERIAL ROAD (24m)
- WAIWAI DRIVE / LYSNAR ROAD / COLLECTOR ROAD (24m)
- CEMETERY ROAD LINK COLLECTOR (24m)
- STREAM EDGE ROAD (SER)
- LOCAL ROAD (LR) TYPE 1
- LOCAL ROAD (LR) TYPE 2
- CEMETERY ROAD UPGRADE
- JOINT OWNED ACCESS LOTS**
- JOAL - TYPE 1 (5m)
- JOAL - TYPE 2 (7m, WITH ROAD FRONTAGE)
- JOAL - TYPE 3 (7m, REAR LOADED ONLY)
- DEDICATED PATHS**
- ACTIVE MODES PATH (4m)
- RECREATIONAL PATH (3m) / DRAINAGE RESERVE PATH (3.5m)
- RECREATIONAL PATH (2m)
- ACTIVE MODE PATH BRIDGE (4m)
- RECREATIONAL PATH BRIDGE (3m)

REVISION DETAILS		BY	DATE
1	ISSUED FOR CONSENT	JW	FEB 2025

SURVEYED	WOODS	 SIDWELL ROAD WAINUI AUCKLAND WOODS.CO.NZ
DESIGNED	AP	
DRAWN	AP	
CHECKED	AP	
APPROVED	JW	



**MILLDALE
FAST TRACK
STAGES 10 - 13
ROAD TRAFFIC CALMING TYPOLOGY
PLAN
SHEET 1**

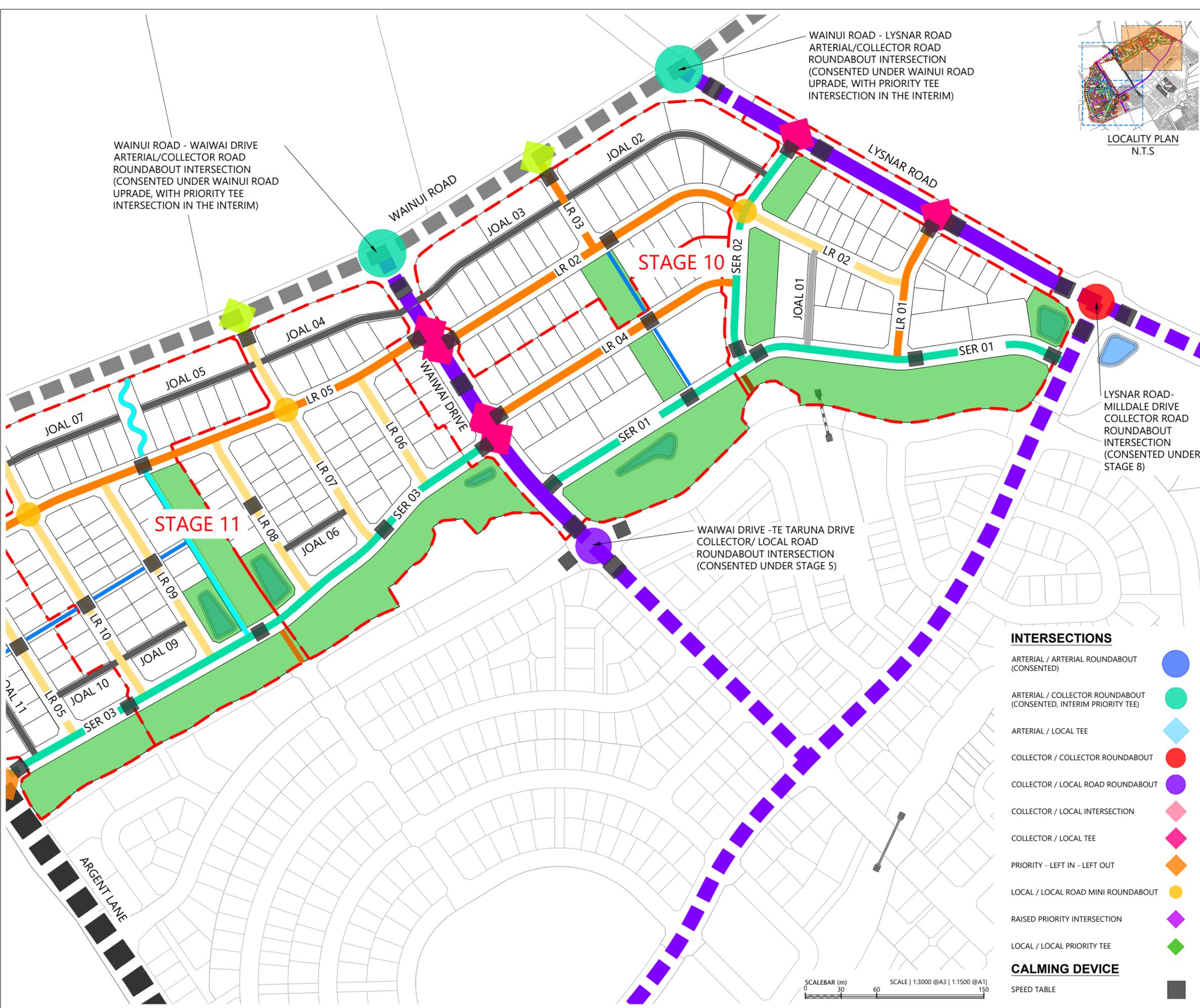
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COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-128-00-2051-RD	

INTERSECTIONS

- ARTERIAL / ARTERIAL ROUNDABOUT (CONSENTED) ●
- ARTERIAL / COLLECTOR ROUNDABOUT (CONSENTED, INTERIM PRIORITY TEE) ●
- ARTERIAL / LOCAL TEE ◆
- COLLECTOR / COLLECTOR ROUNDABOUT ●
- COLLECTOR / LOCAL ROAD ROUNDABOUT ●
- COLLECTOR / LOCAL INTERSECTION ◆
- COLLECTOR / LOCAL TEE ◆
- PRIORITY - LEFT IN - LEFT OUT ◆
- LOCAL / LOCAL ROAD MINI ROUNDABOUT ●
- RAISED PRIORITY INTERSECTION ◆
- LOCAL / LOCAL PRIORITY TEE ◆

CALMING DEVICE

- SPEED TABLE



Plot Date: 3:18:55 pm,24 February 2025, ALBERTP
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ARGENT LANE - WAINUI ROAD -
ARTERIAL ROAD ROUNDABOUT INTERSECTION
(CONSENTED UNDER WAINUI ROAD UPGRADE)

STAGE 11

STAGE 12

ARGENT LANE - LOCAL ROAD
ARTERIAL ROAD/LOCAL ROAD
PRIORITY TEE INTERSECTION
(CONSENTED UNDER WAINUI ROAD
UPGRADE)

LEGEND

- EXTENTS OF FAST TRACK APPLICATION - - - - -
- BOUNDARIES
- STREAM — — — — —
- STREETS**
- ARGENT LANE - ARTERIAL ROAD (30m)
- WAINUI ROAD - ARTERIAL ROAD (24m)
- WAIWAI DRIVE / LYSNAR ROAD /
COLLECTOR ROAD (24m)
- CEMETERY ROAD LINK COLLECTOR (24m)
- STREAM EDGE ROAD (SER)
- LOCAL ROAD (LR) TYPE 1
- LOCAL ROAD (LR) TYPE 2
- CEMETERY ROAD UPGRADE
- JOINT OWNED ACCESS LOTS**
- JOAL - TYPE 1 (5m)
- JOAL - TYPE 2 (7m, WITH ROAD FRONTAGE)
- JOAL - TYPE 3 (7m, REAR LOADED ONLY)
- DEDICATED PATHS**
- ACTIVE MODES PATH (4m)
- RECREATIONAL PATH (3m) /
DRAINAGE RESERVE PATH (3.5m)
- RECREATIONAL PATH (2m)
- ACTIVE MODE PATH BRIDGE (4m)
- RECREATIONAL PATH BRIDGE (3m)

REVISION DETAILS		BY	DATE
1	ISSUED FOR CONSENT	JW	FEB 2025

SURVEYED	WOODS	SIDWELL ROAD WAINUI AUCKLAND
DESIGNED	AP	
DRAWN	AP	
CHECKED	AP	
APPROVED	JW	WOODS.CO.NZ

N

MILLDALE
Connecting Lives

**MILLDALE
FAST TRACK
STAGES 10 - 13
ROAD TRAFFIC CALMING
TYPOLOGY PLAN
SHEET 2**

STATUS	ISSUED FOR CONSENT	REV
SCALE	1:3000 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-128-00-2052-RD	

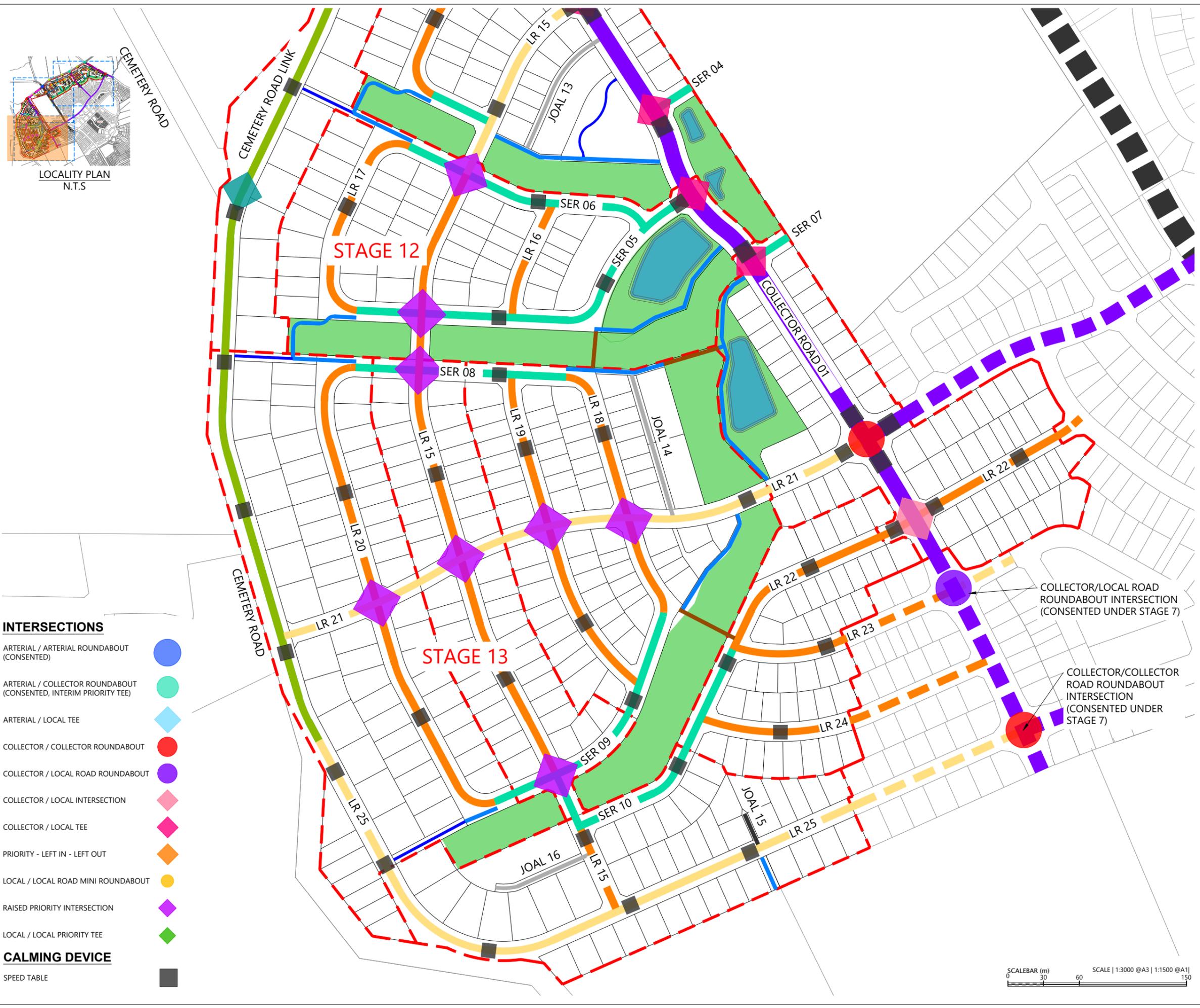
INTERSECTIONS

- ARTERIAL / ARTERIAL ROUNDABOUT
(CONSENTED) ●
- ARTERIAL / COLLECTOR ROUNDABOUT
(CONSENTED, INTERIM PRIORITY TEE) ●
- ARTERIAL / LOCAL TEE ◆
- COLLECTOR / COLLECTOR ROUNDABOUT ●
- COLLECTOR / LOCAL ROAD ROUNDABOUT ●
- COLLECTOR / LOCAL INTERSECTION ◆
- COLLECTOR / LOCAL TEE ◆
- PRIORITY - LEFT IN - LEFT OUT ◆
- LOCAL / LOCAL ROAD MINI ROUNDABOUT ●
- RAISED PRIORITY INTERSECTION ◆
- LOCAL / LOCAL PRIORITY TEE ◆

CALMING DEVICE

- SPEED TABLE ■





LEGEND

- EXTENTS OF FAST TRACK APPLICATION - - -
- BOUNDARIES
- STREAM - - -
- STREETS**
- ARGENT LANE - ARTERIAL ROAD (30m)
- WAINUI ROAD - ARTERIAL ROAD (24m)
- WAIWAI DRIVE / LYSNAR ROAD / COLLECTOR ROAD (24m)
- CEMETERY ROAD LINK COLLECTOR (24m)
- STREAM EDGE ROAD (SER)
- LOCAL ROAD (LR) TYPE 1
- LOCAL ROAD (LR) TYPE 2
- CEMETERY ROAD UPGRADE
- JOINT OWNED ACCESS LOTS**
- JOAL - TYPE 1 (5m)
- JOAL - TYPE 2 (7m, WITH ROAD FRONTAGE)
- JOAL - TYPE 3 (7m, REAR LOADED ONLY)
- DEDICATED PATHS**
- ACTIVE MODES PATH (4m)
- RECREATIONAL PATH (3m) / DRAINAGE RESERVE PATH (3.5m)
- RECREATIONAL PATH (2m)
- ACTIVE MODE PATH BRIDGE (4m)
- RECREATIONAL PATH BRIDGE (3m)

INTERSECTIONS

- ARTERIAL / ARTERIAL ROUNDABOUT (CONSENTED) ●
- ARTERIAL / COLLECTOR ROUNDABOUT (CONSENTED, INTERIM PRIORITY TEE) ●
- ARTERIAL / LOCAL TEE ◆
- COLLECTOR / COLLECTOR ROUNDABOUT ●
- COLLECTOR / LOCAL ROAD ROUNDABOUT ●
- COLLECTOR / LOCAL INTERSECTION ◆
- COLLECTOR / LOCAL TEE ◆
- PRIORITY - LEFT IN - LEFT OUT ◆
- LOCAL / LOCAL ROAD MINI ROUNDABOUT ●
- RAISED PRIORITY INTERSECTION ◆
- LOCAL / LOCAL PRIORITY TEE ◆

CALMING DEVICE

- SPEED TABLE

REVISION DETAILS		BY	DATE
1	ISSUED FOR CONSENT	JW	FEB 2025

SURVEYED	WOODS	SIDWELL ROAD WAINUI AUCKLAND
DESIGNED	AP	AUCKLAND
DRAWN	AP	
CHECKED	AP	
APPROVED	JW	WOODS.CO.NZ

N

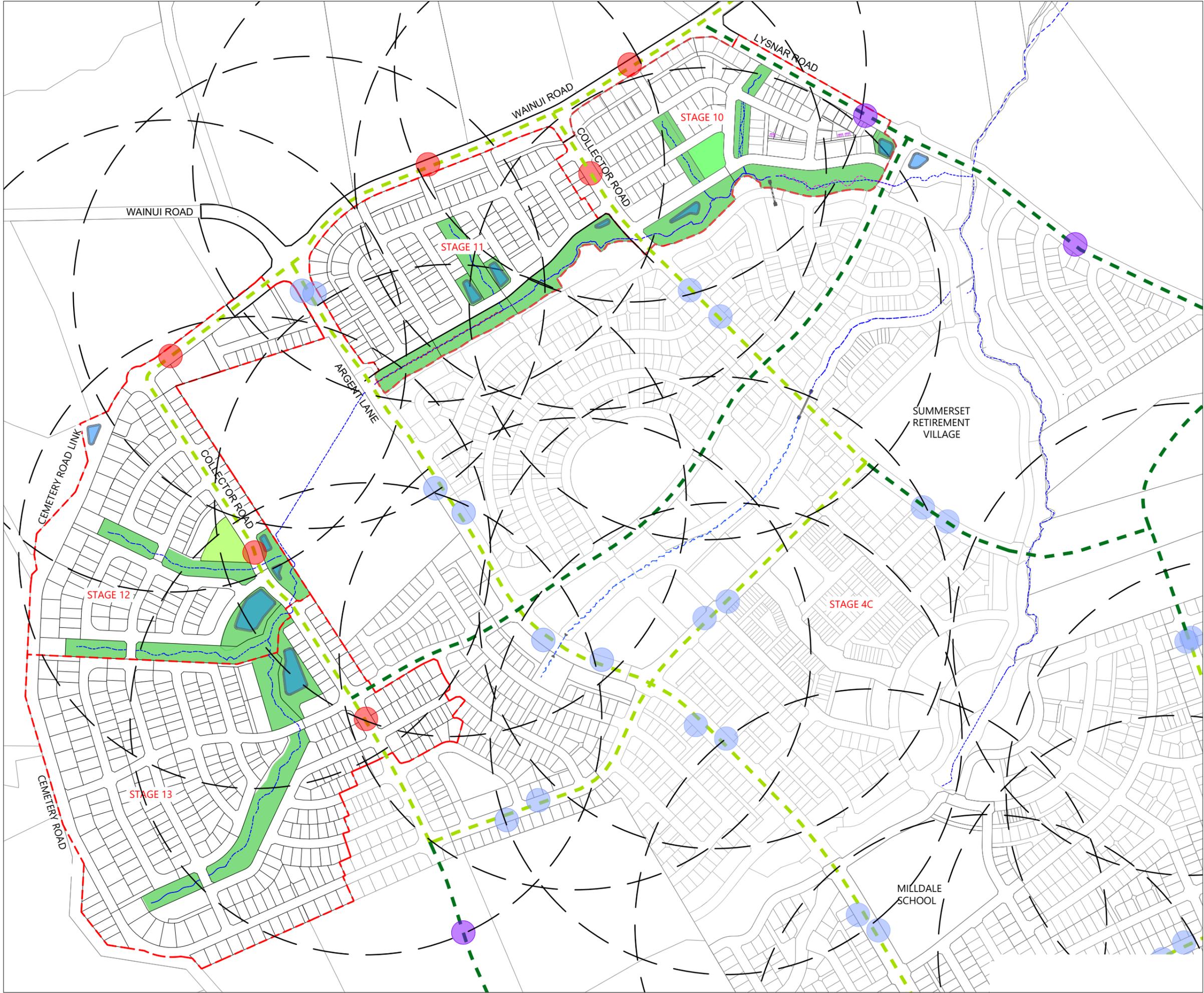
MILLDALE
Connecting Lives

**MILLDALE
FAST TRACK
STAGES 10 - 13
ROAD TRAFFIC CALMING
TYPOLOGY PLAN
SHEET 3**

STATUS	ISSUED FOR CONSENT	REV
SCALE	1:3000 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-128-00-2053-RD	



Plot Date: 3:18:57 pm, 24 February 2025, ALBERTP
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LEGEND:

- EXTENTS OF FAST TRACK APPLICATION - - - - -
- BOUNDARIES - - - - -
- STREAM - - - - -
- PROPOSED BUS STOP LOCATION (INDICATIVE) ●
- FUTURE BUS STOP LOCATION (INDICATIVE) ●
- EXISTING BUS STOP LOCATION ●
- PLANNED BUS ROUTE (AT) - - - - -
- POTENTIAL FUTURE BUS ROUTE - - - - -
- 400m BUS STOP CATCHMENT

REVISION DETAILS		BY	DATE
1	FOR CONSENT	JW	FEB 2025

SURVEYED	WOODS	SIDWELL ROAD WAINUI AUCKLAND
DESIGNED	WOODS	
DRAWN	FA	
CHECKED	AP	
APPROVED	JW	

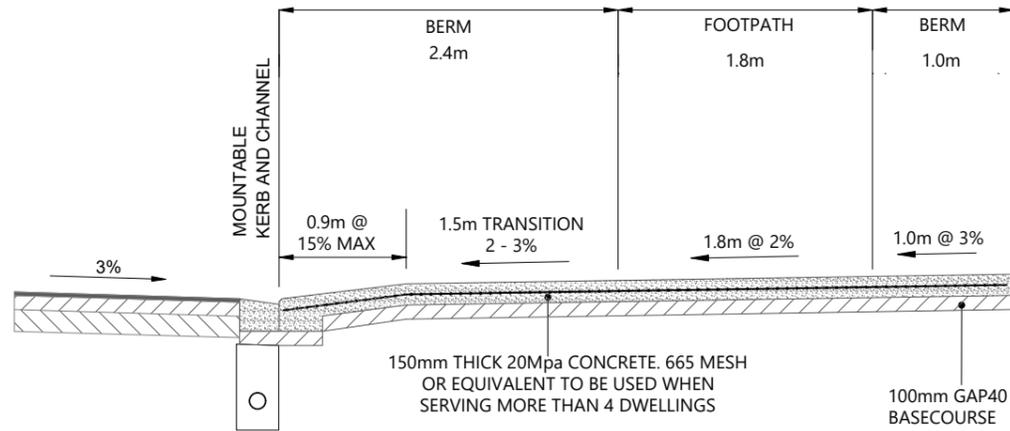
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MILLDALE
Connecting Lives

**MILLDALE
FAST TRACK
STAGES 10 - 13**

PUBLIC TRANSPORT
NETWORK PLAN

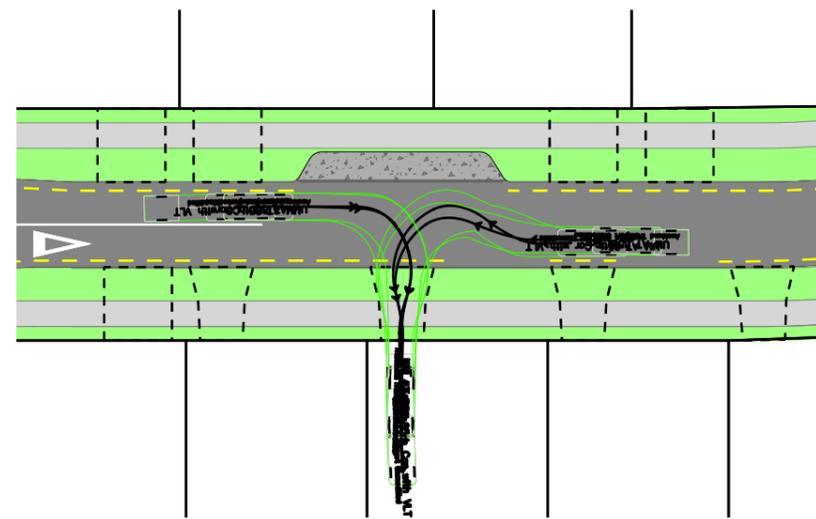
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SCALE	1:6000 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-128-00-2060-RD	



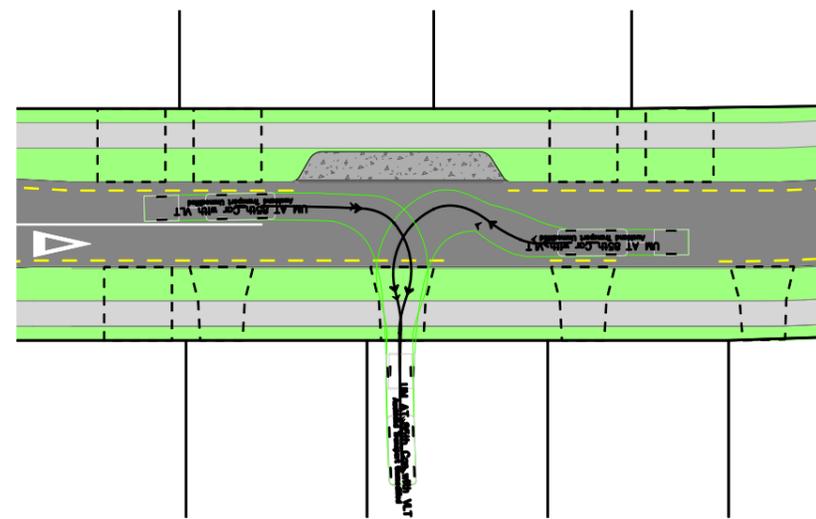
NOTES:

1. PAVEMENT THICKNESS AS SPECIFIED ON PLAN WITH MINIMUM CBR OF 3.
2. CONSTRUCT IN SAME MATERIAL AND FINISH AS SURROUNDING FOOTPATH
3. ALL LOTS FRONTING ONTO LOCAL ROADS WITH A FRONT BOUNDARY WIDTH OF LESS THAN 14m SHALL CONSTRUCT A TYPE A VEHICLE CROSSING.
4. ALL LOTS FRONTING ONTO LOCAL ROADS WITH A FRONT BOUNDARY WIDTH OF 14m OR GREATER SHALL CONSTRUCT EITHER A TYPE A VEHICLE CROSSING OR A TYPE B VEHICLE CROSSING.
5. ALL LOTS FRONTING ONTO ARTERIAL OR COLLECTOR ROADS SHALL CONSTRUCT WITH A TYPE C VEHICLE CROSSING.
6. ALL CORNER LOTS SHALL CONSTRUCT A TYPE B VEHICLE CROSSING OR A TYPE C VEHICLE CROSSING.
7. ALL JOAL VEHICLE CROSSINGS ARE TO BE CONSTRUCTED TO AUCKLAND TRANSPORT STANDARDS.

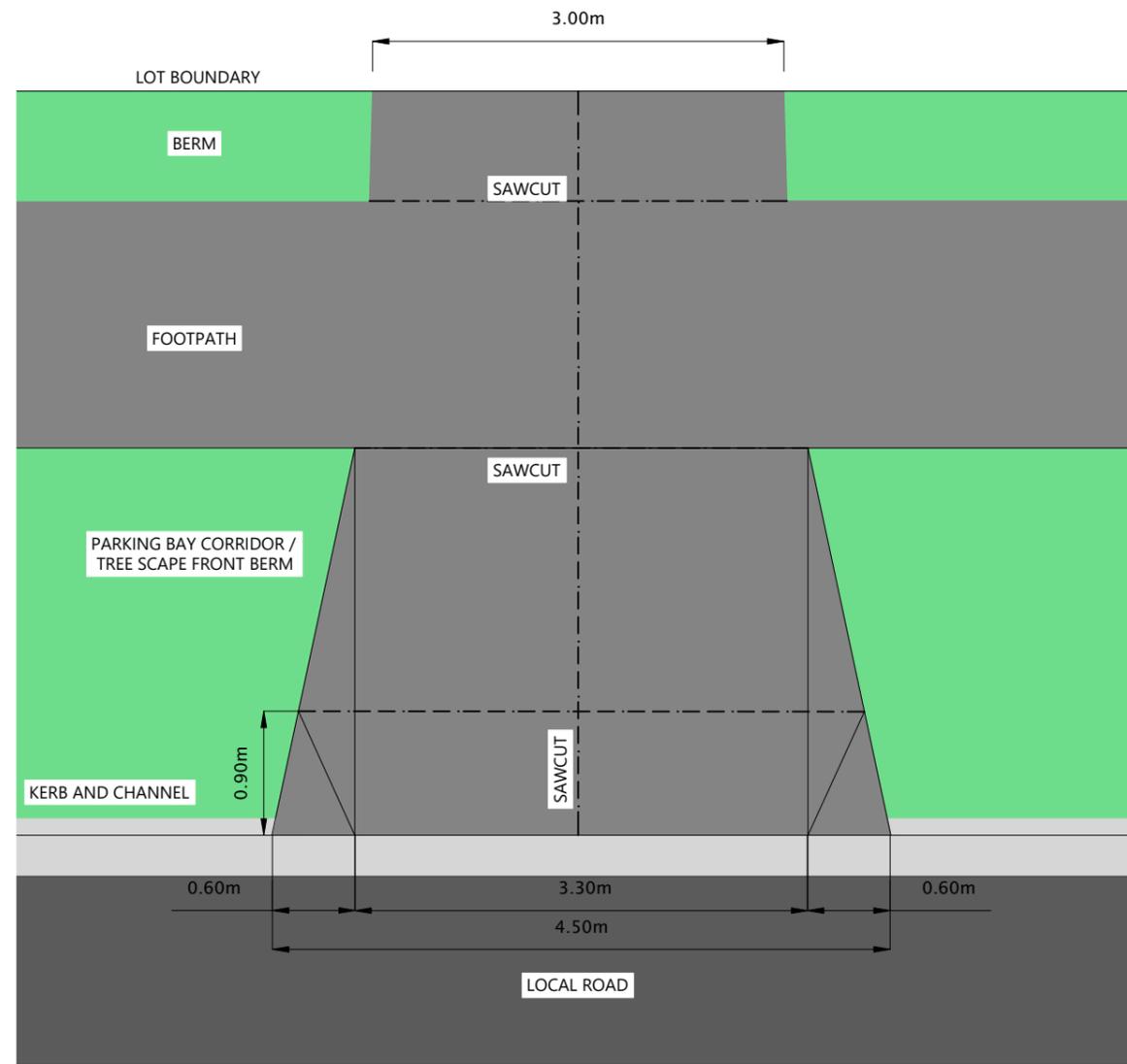
TYPICAL VEHICLE CROSSING TYPE A - LOCAL ROAD -SECTION
Scale: 1:50



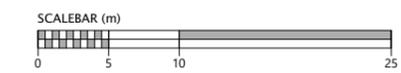
TYPICAL VEHICLE CROSSING - LOCAL ROAD TYPE A: CAR MOVEMENT
Scale: 1:500



TYPICAL VEHICLE CROSSING - LOCAL ROAD TYPE A: CAR AND TRAILER MOVEMENT
Scale: 1:500



VEHICLE CROSSING TYPE A TYPICAL DETAIL
Scale: 1:50



REVISION DETAILS		BY	DATE
1	ISSUED FOR CONSENT	AP	FEB 2025

SURVEYED	WOODS	SIDWELL ROAD WAINUI AUCKLAND
DESIGNED	AP	
DRAWN	AP	
CHECKED	AP	
APPROVED	JW	

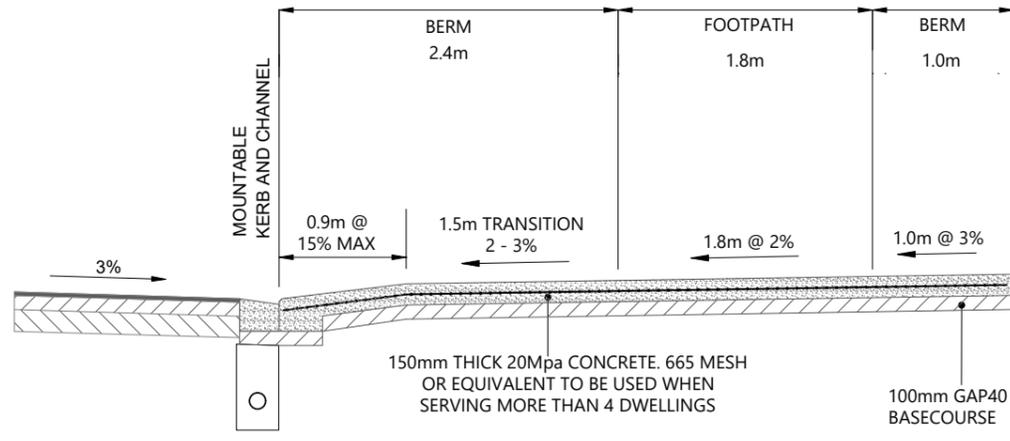
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MILLDALE
Connecting Lives & Land

**MILLDALE
FAST TRACK
STAGES 10 - 13**

TYPICAL VEHICLE CROSSING
LOCAL ROAD TYPE A DETAILS

STATUS	ISSUED FOR CONSENT	REV
SCALE	AS SHOWN	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-128-00-2070-RD	

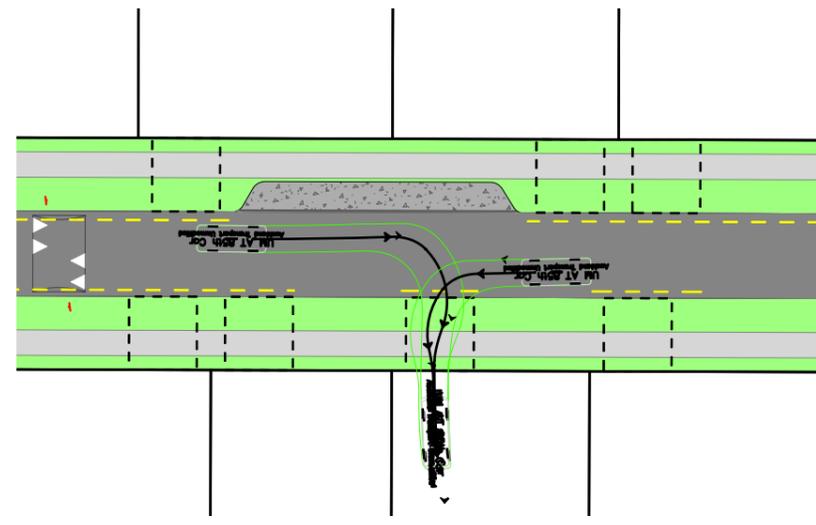


TYPICAL VEHICLE CROSSING TYPE B - LOCAL ROAD -SECTION

Scale: 1:50

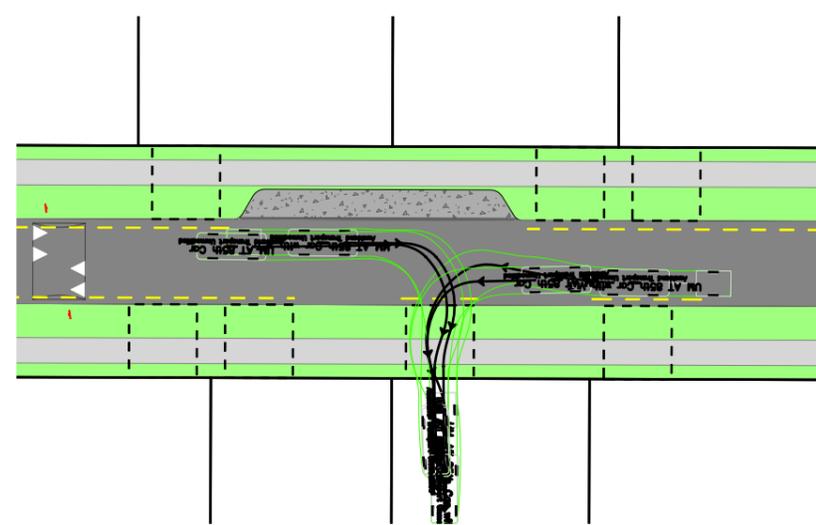
NOTES:

1. PAVEMENT THICKNESS AS SPECIFIED ON PLAN WITH MINIMUM CBR OF 3.
2. CONSTRUCT IN SAME MATERIAL AND FINISH AS SURROUNDING FOOTPATH
3. ALL LOTS FRONTING ONTO LOCAL ROADS WITH A FRONT BOUNDARY WIDTH OF LESS THAN 14m SHALL CONSTRUCT A TYPE A VEHICLE CROSSING.
4. ALL LOTS FRONTING ONTO LOCAL ROADS WITH A FRONT BOUNDARY WIDTH OF 14m OR GREATER SHALL CONSTRUCT EITHER A TYPE A VEHICLE CROSSING OR A TYPE B VEHICLE CROSSING.
5. ALL LOTS FRONTING ONTO ARTERIAL OR COLLECTOR ROADS SHALL CONSTRUCT WITH A TYPE C VEHICLE CROSSING.
6. ALL CORNER LOTS SHALL CONSTRUCT A TYPE B VEHICLE CROSSING OR A TYPE C VEHICLE CROSSING.
7. ALL JOAL VEHICLE CROSSINGS ARE TO BE CONSTRUCTED TO AUCKLAND TRANSPORT STANDARDS.



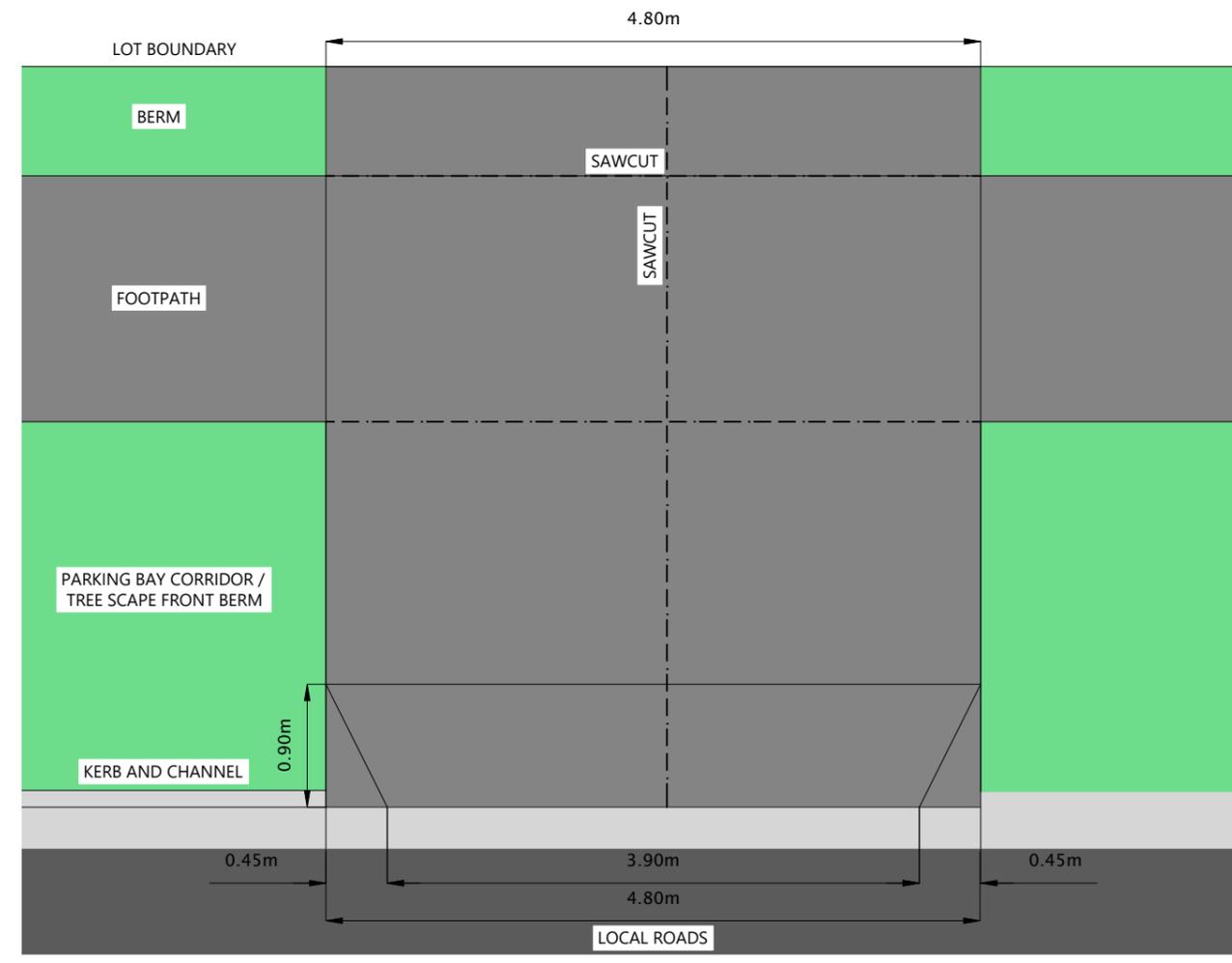
TYPICAL VEHICLE CROSSING - LOCAL ROAD TYPE B: CAR MOVEMENT

Scale: 1:500



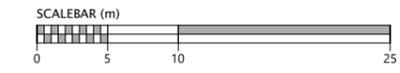
TYPICAL VEHICLE CROSSING - LOCAL ROAD TYPE B: CAR AND TRAILER MOVEMENT

Scale: 1:500



VEHICLE CROSSING TYPE B TYPICAL DETAIL

Scale: 1:50



REVISION DETAILS		BY	DATE
1	ISSUED FOR CONSENT	AP	FEB 2025

SURVEYED	WOODS	SIDWELL ROAD WAINUI AUCKLAND
DESIGNED	AP	
DRAWN	AP	
CHECKED	AP	
APPROVED	JW	

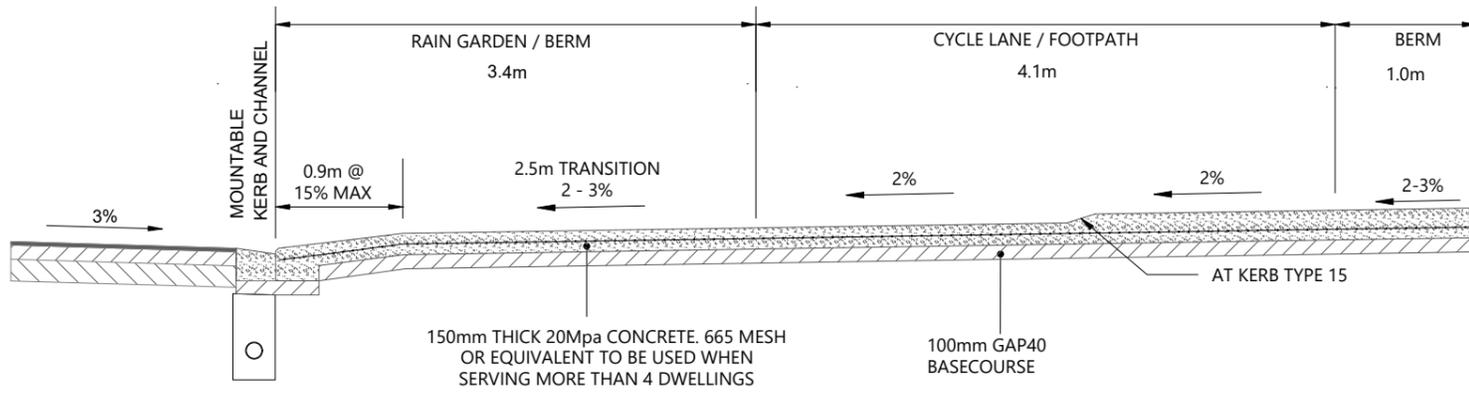
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Connecting Lives & Land

MILLDALE
FAST TRACK
STAGES 10 - 13

TYPICAL VEHICLE CROSSING
LOCAL ROAD TYPE B DETAILS

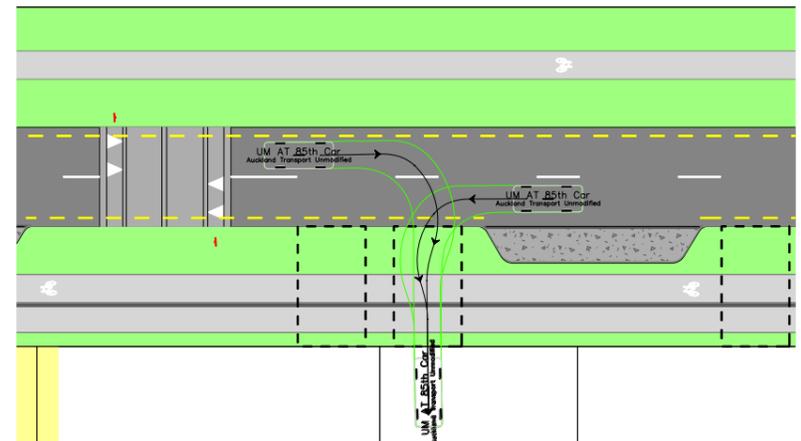
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SCALE	AS SHOWN	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-128-00-2071-RD	



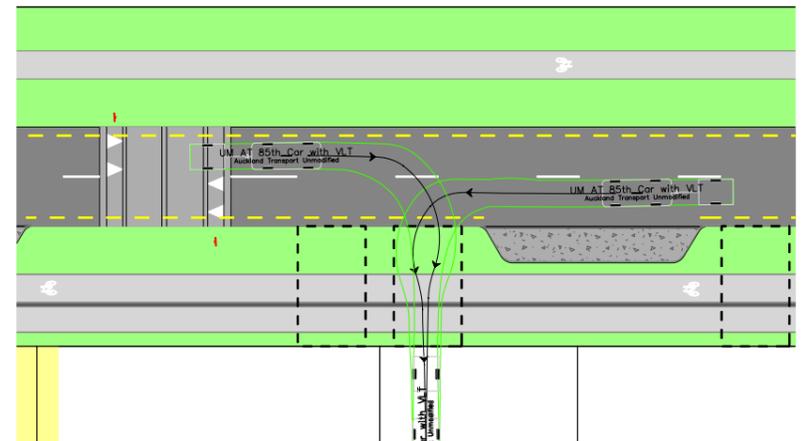
NOTES:

1. PAVEMENT THICKNESS AS SPECIFIED ON PLAN WITH MINIMUM CBR OF 3.
2. CONSTRUCT IN SAME MATERIAL AND FINISH AS SURROUNDING FOOTPATH
3. ALL LOTS FRONTING ONTO LOCAL ROADS WITH A FRONT BOUNDARY WIDTH OF LESS THAN 14m SHALL CONSTRUCT A TYPE A VEHICLE CROSSING.
4. ALL LOTS FRONTING ONTO LOCAL ROADS WITH A FRONT BOUNDARY WIDTH OF 14m OR GREATER SHALL CONSTRUCT EITHER A TYPE A VEHICLE CROSSING OR A TYPE B VEHICLE CROSSING.
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7. ALL JOAL VEHICLE CROSSINGS ARE TO BE CONSTRUCTED TO AUCKLAND TRANSPORT STANDARDS.

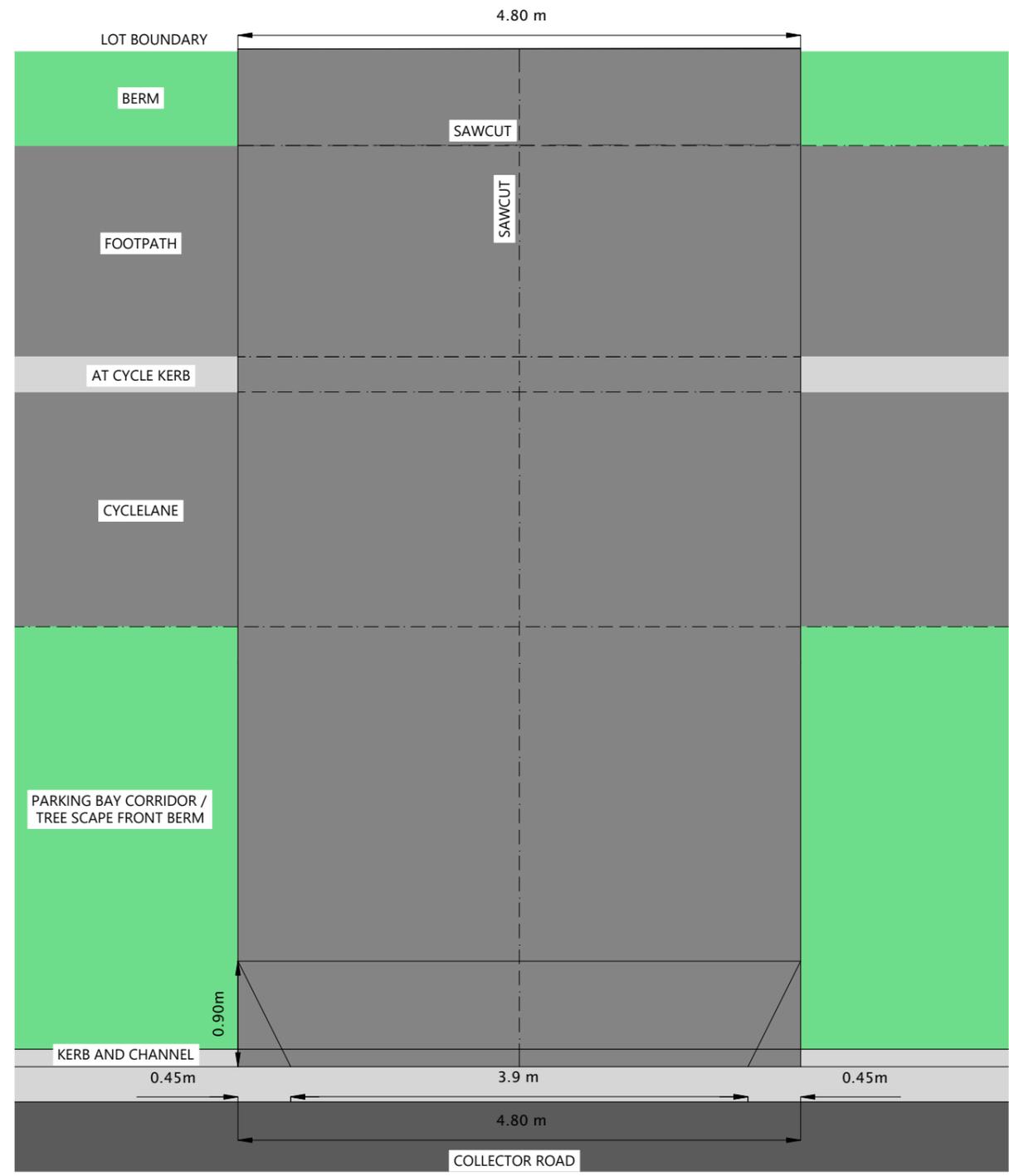
TYPICAL VEHICLE CROSSING TYPE C- COLLECTOR ROAD -SECTION
Scale: 1:50



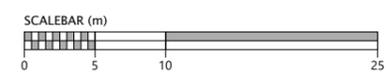
TYPICAL VEHICLE CROSSING - COLLECTOR ROAD TYPE C: CAR MOVEMENT
Scale: 1:500



TYPICAL VEHICLE CROSSING - COLLECTOR ROAD TYPE C: CAR AND TRAILER MOVEMENT
Scale: 1:500



VEHICLE CROSSING TYPE C TYPICAL DETAIL
Scale: 1:50



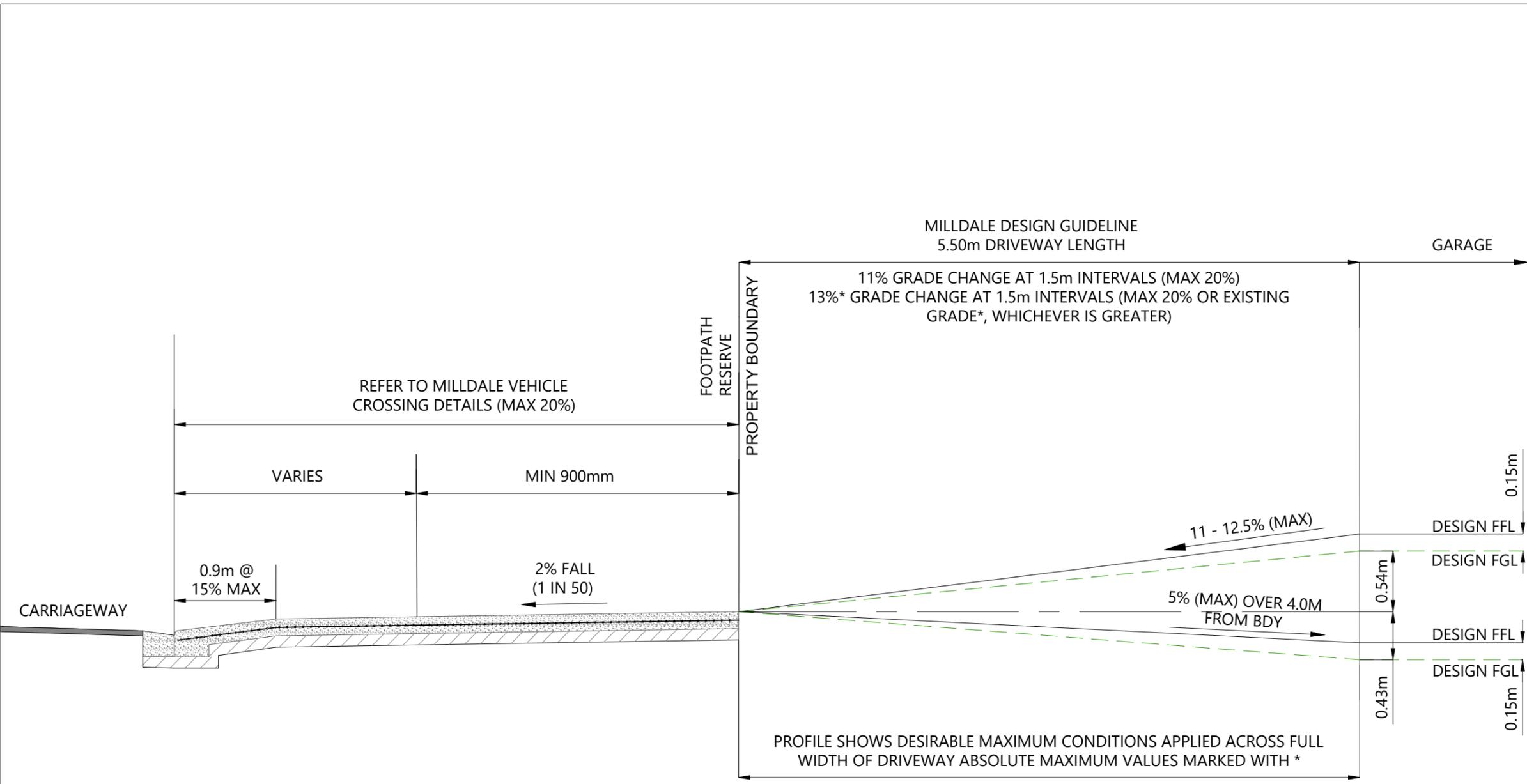
REVISION DETAILS		BY	DATE
1	ISSUED FOR CONSENT	AP	FEB 2025

SURVEYED	WOODS	SIDWELL ROAD WAINUI AUCKLAND
DESIGNED	AP	
DRAWN	AP	
CHECKED	AP	
APPROVED	JW	



**MILDDALE
FAST TRACK
STAGES 10 - 13**
TYPICAL VEHICLE CROSSING
COLLECTOR ROAD TYPE C DETAILS

STATUS	ISSUED FOR CONSENT	REV
SCALE	AS SHOWN	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-128-00-2072-RD	



TYPICAL MILLDALE PRIVATE DRIVEWAY DESIGN DETAILS
1:40 (A3)

REVISION DETAILS		BY	DATE
1	ISSUED FOR CONSENT	JW	FEB 2025

SURVEYED	WOODS	SIDWELL ROAD WAINUI AUCKLAND
DESIGNED	WOODS	
DRAWN	FA	
CHECKED	AP	
APPROVED	JW	

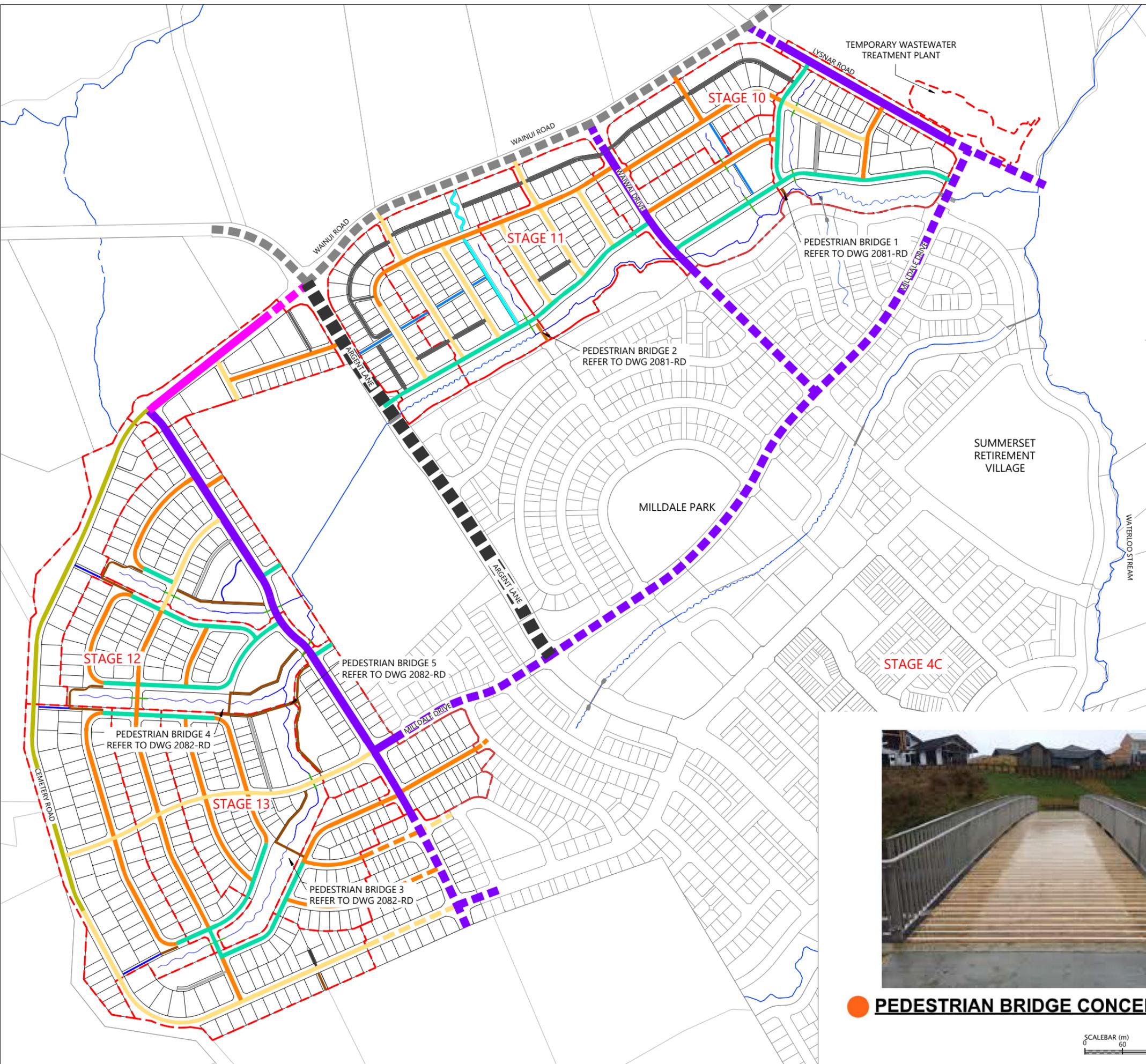


**MILLDALE
FAST TRACK
STAGES 10 - 13**

TYPICAL PRIVATE DRIVEWAY
DESIGN DETAILS

STATUS	ISSUED FOR CONSENT	REV
SCALE	1:40 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-128-00-2075-RD	





LEGEND

- EXTENTS OF FAST TRACK APPLICATION - - - - -
- BOUNDARIES
- STREAM - - - - -
- STREETS**
- ARGENT LANE - ARTERIAL ROAD (30m)
- WAINUI ROAD - ARTERIAL ROAD (24m)
- COLLECTOR ROAD / LYSNAR ROAD (24m)
- CEMETERY ROAD LINK COLLECTOR (24m)
- STREAM EDGE ROAD
- LOCAL ROAD TYPE 1
- LOCAL ROAD TYPE 2
- CEMETERY ROAD UPGRADE
- JOINT OWNED ACCESS LOTS**
- JOAL - TYPE 1 (5m)
- JOAL - TYPE 2 (7m, WITH ROAD FRONTAGE)
- JOAL - TYPE 3 (7m, REAR LOADED ONLY)
- DEDICATED PATHS**
- ACTIVE MODES PATH (4m)
- RECREATIONAL PATH (3m) / DRAINAGE RESERVE PATH (3.5m)
- RECREATIONAL PATH (2m)
- ACTIVE MODE PATH BRIDGE (4m)
- RECREATIONAL PATH BRIDGE (3m)

REVISION DETAILS		BY	DATE
1	ISSUED FOR INFORMATION	JW	FEB 2025

SURVEYED	WOODS	SIDWELL ROAD WAINUI AUCKLAND
DESIGNED	WOODS	
DRAWN	MW	
CHECKED	JW	
APPROVED	JW	

N

MILLDALE
Connecting Lives

**MILLDALE
FAST TRACK
STAGES 10 - 13**

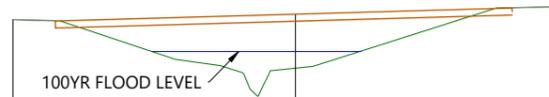
**PEDESTRIAN BRIDGES
LOCATION PLAN**

STATUS	ISSUED FOR INFORMATION	REV
SCALE	1:6000 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-128-00-2080-RD	



PEDESTRIAN BRIDGE CONCEPT IMAGE





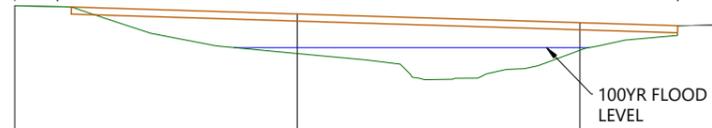
Vertical Geometry K value/Grade (%)
Vertical Grade/ Curve Length (m)

-3% 3 m 2.84% 32.33 m 3% 3 m

DATUM R.L. = -2.00

EXISTING SURFACE	24.04	20.62	24.96
CUT / FILL DEPTH	0.03	3.85	0.03
CL DESIGN LEVELS	24.07	24.46	24.99
CHAINAGE	0.00	20.00	38.33

○ PEDESTRIAN BRIDGE 1 LONGITUDINAL SECTION
SCALE: 1:500



Vertical Geometry K value/Grade (%)
Vertical Grade/ Curve Length (m)

-2% 3 m -3.08% 43.93 m 1.58% 3 m

DATUM R.L. = -8.00

EXISTING SURFACE	17.74	14.36	14.60	16.38
CUT / FILL DEPTH	0.00	2.79	1.95	0.00
CL DESIGN LEVELS	17.74	17.16	16.54	16.38
CHAINAGE	0.00	20.00	40.00	49.93

○ PEDESTRIAN BRIDGE 2 LONGITUDINAL SECTION
SCALE: 1:500

REVISION DETAILS		BY	DATE
1	ISSUED FOR INFORMATION	JW	FEB 2025

SURVEYED	WOODS	SIDWELL ROAD WAINUI AUCKLAND
DESIGNED	WOODS	
DRAWN	MW	
CHECKED	JW	
APPROVED	JW	

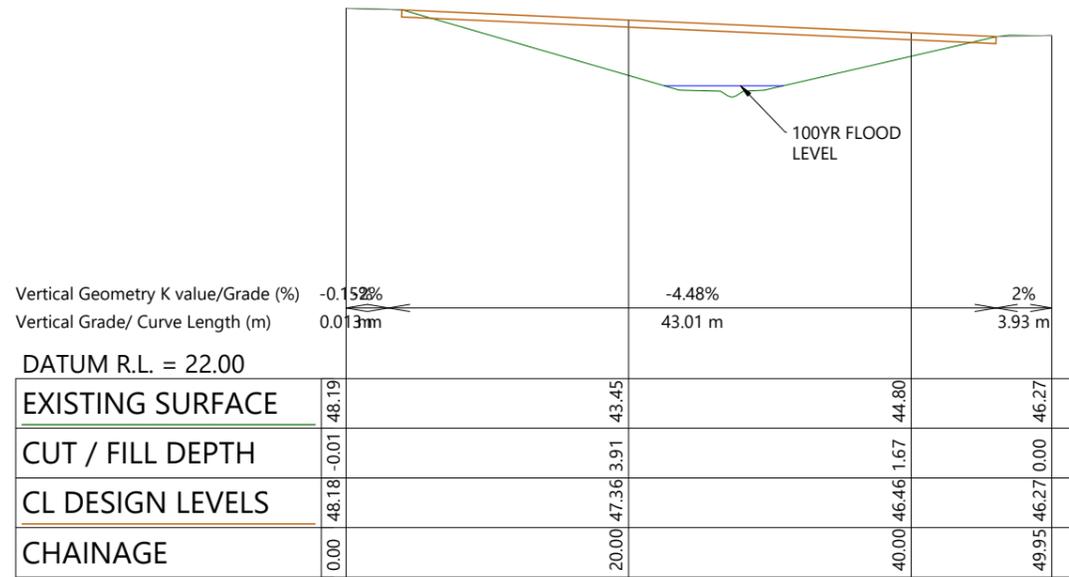
**MILLDALE
FAST TRACK
STAGES 10 - 13**

PEDESTRIAN BRIDGE
LONGSECTIONS
- SHEET 1

STATUS	ISSUED FOR INFORMATION	REV
SCALE	1:500 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-128-00-2081-RD	

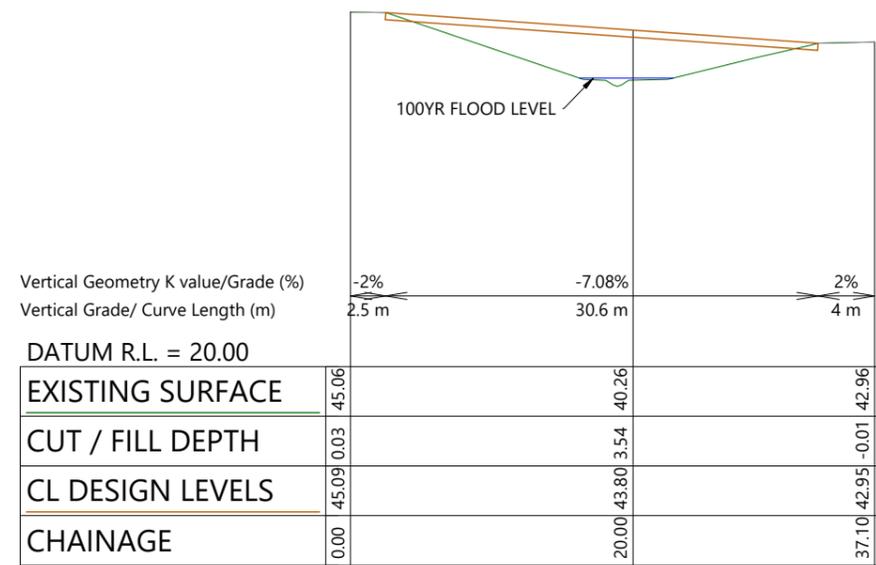


STAGE 13 SOUTH PEDESTRIAN BRIDGE STAGE 13 NORTH



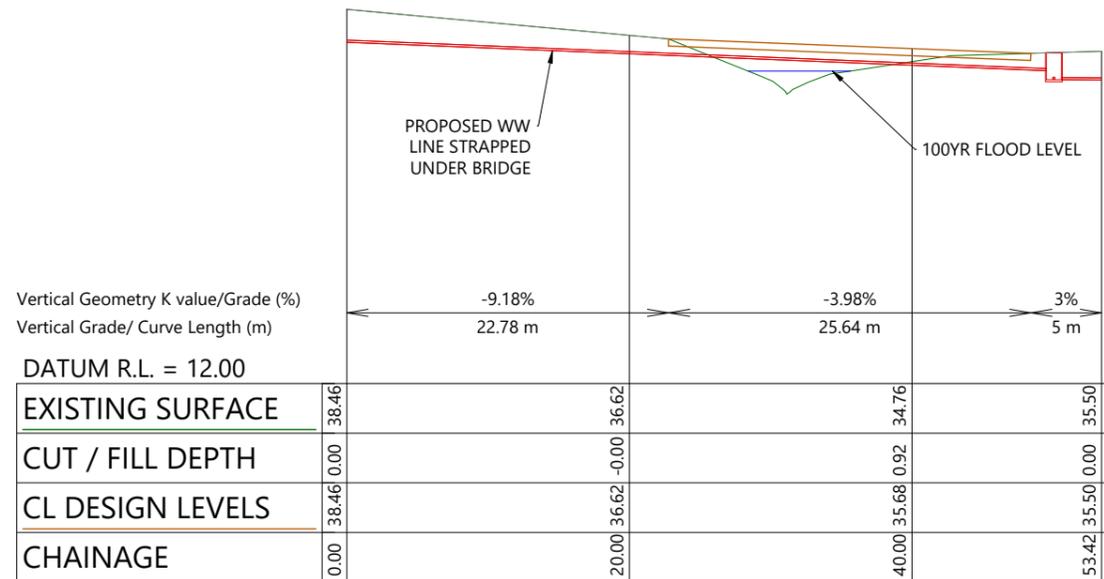
PEDESTRIAN BRIDGE 3 LONGITUDINAL SECTION
SCALE: 1:500

STAGE 13 PEDESTRIAN BRIDGE STAGE 12



PEDESTRIAN BRIDGE 4 LONGITUDINAL SECTION
SCALE: 1:500

STAGE 13 WEST PEDESTRIAN BRIDGE STAGE 13 EAST



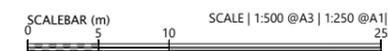
PEDESTRIAN BRIDGE 5 LONGITUDINAL SECTION
SCALE: 1:500

REVISION DETAILS		BY	DATE
1	ISSUED FOR INFORMATION	JW	FEB 2025

SURVEYED	WOODS	SIDWELL ROAD WAINUI AUCKLAND
DESIGNED	WOODS	
DRAWN	MW	
CHECKED	JW	
APPROVED	JW	

MILLDALE
FAST TRACK
STAGES 10 - 13
PEDESTRIAN BRIDGE
LONGSECTIONS-
SHEET 2

STATUS	ISSUED FOR INFORMATION	REV
SCALE	1:500 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-128-00-2082-RD	





LEGEND

- EXTENTS OF FAST TRACK APPLICATION - - - - -
- PROPOSED BOUNDARIES - - - - -
- EXISTING BOUNDARIES - - - - -
- REINFORCED EARTH SLOPE (1V:2H)
- ROAD GRADE 0 - 2.0%
- ROAD GRADE 2.01 - 5.0%
- ROAD GRADE 5.01 - 7.0%
- ROAD GRADE 7.01 - 8.0%
- ROAD GRADE 8.01 - 12.5%

- PEDESTRIAN ACCESSWAY GRADE 0 - 2.0% - - - - -
- PEDESTRIAN ACCESSWAY GRADE 2.01 - 5.0% - - - - -
- PEDESTRIAN ACCESSWAY GRADE 5.01 - 7.0% - - - - -
- PEDESTRIAN ACCESSWAY GRADE 7.01 - 8.0% - - - - -
- PEDESTRIAN ACCESSWAY GRADE 8.01 - 12.5% - - - - -
- PEDESTRIAN ACCESSWAY STAIRS

REVISION DETAILS		BY	DATE
1	ISSUED FOR CONSENT	JW	FEB 2025

SURVEYED	WOODS	SIDWELL ROAD WAINUI AUCKLAND
DESIGNED	WOODS	
DRAWN	FA	
CHECKED	AP	
APPROVED	JW	

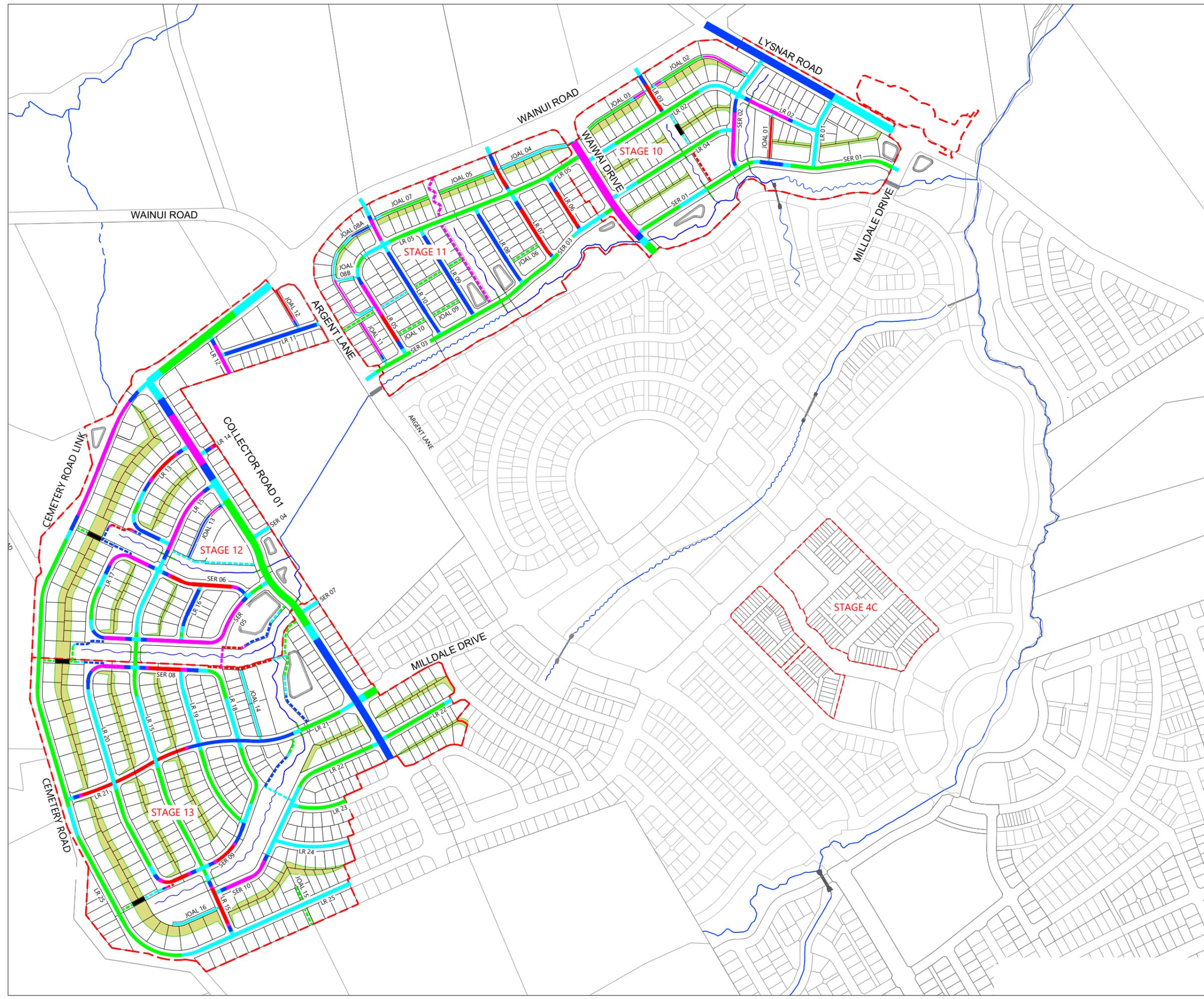
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MILLDALE
Connecting Lives

**MILLDALE
FAST TRACK
STAGES 10 - 13**

OVERALL ROAD GRADIENT PLAN

STATUS	ISSUED FOR CONSENT	REV
SCALE	1:6000 @ A3	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-128-00-2090-RD	



Plot Date: 4:33:14 pm, 24 February 2025, TIMOTHYB
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