

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)

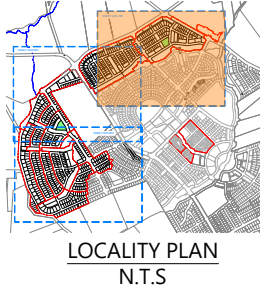
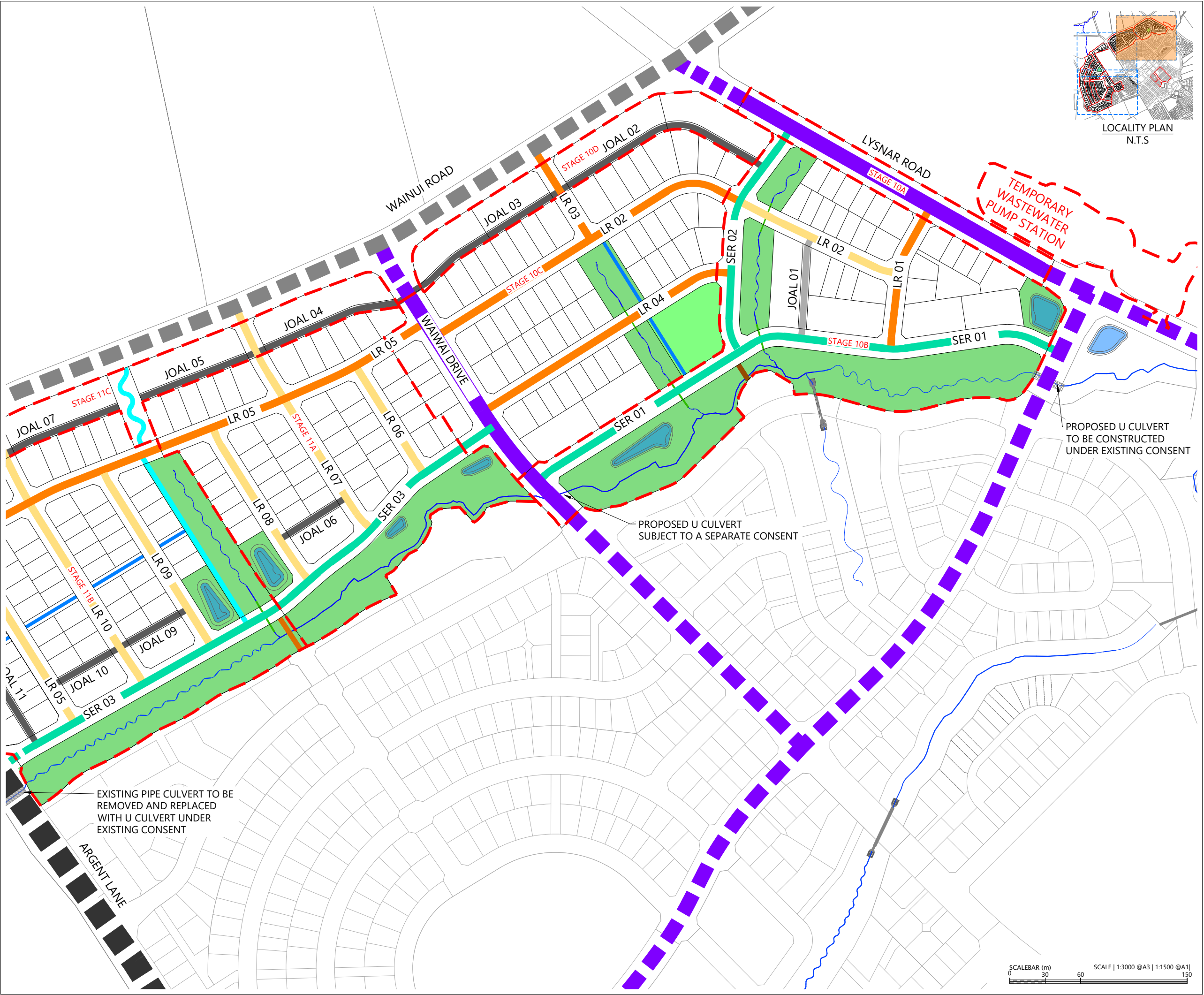
| REVISION DETAILS | | BY | DATE |
|------------------|-------------|----|-----------|
| 1 | FOR CONSENT | JW | FEB 2025 |
| 2 | FOR CONSENT | TB | JULY 2025 |
| | | | |
| | | | |

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

MILLDALE
FAST TRACK
STAGES 10 - 13

ROAD TYPOLOGY PLAN

| | | |
|---------|--------------------|-----|
| STATUS | ISSUED FOR CONSENT | REV |
| SCALE | 1:6000 @ A3 | 2 |
| COUNCIL | AUCKLAND COUNCIL | |
| DWG NO | P24-128-00-2000-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 | FOR CONSENT | JW | FEB 2025 |
| 2 | FOR CONSENT | TB | JULY 2025 |

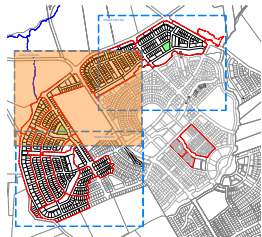
| | | |
|----------|-------|---|
| SURVEYED | WOODS | SIDWELL ROAD WAINUI AUCKLAND WOODS.CO.NZ |
| DESIGNED | WOODS | |
| DRAWN | FA | |
| CHECKED | AP | |
| APPROVED | JW | |



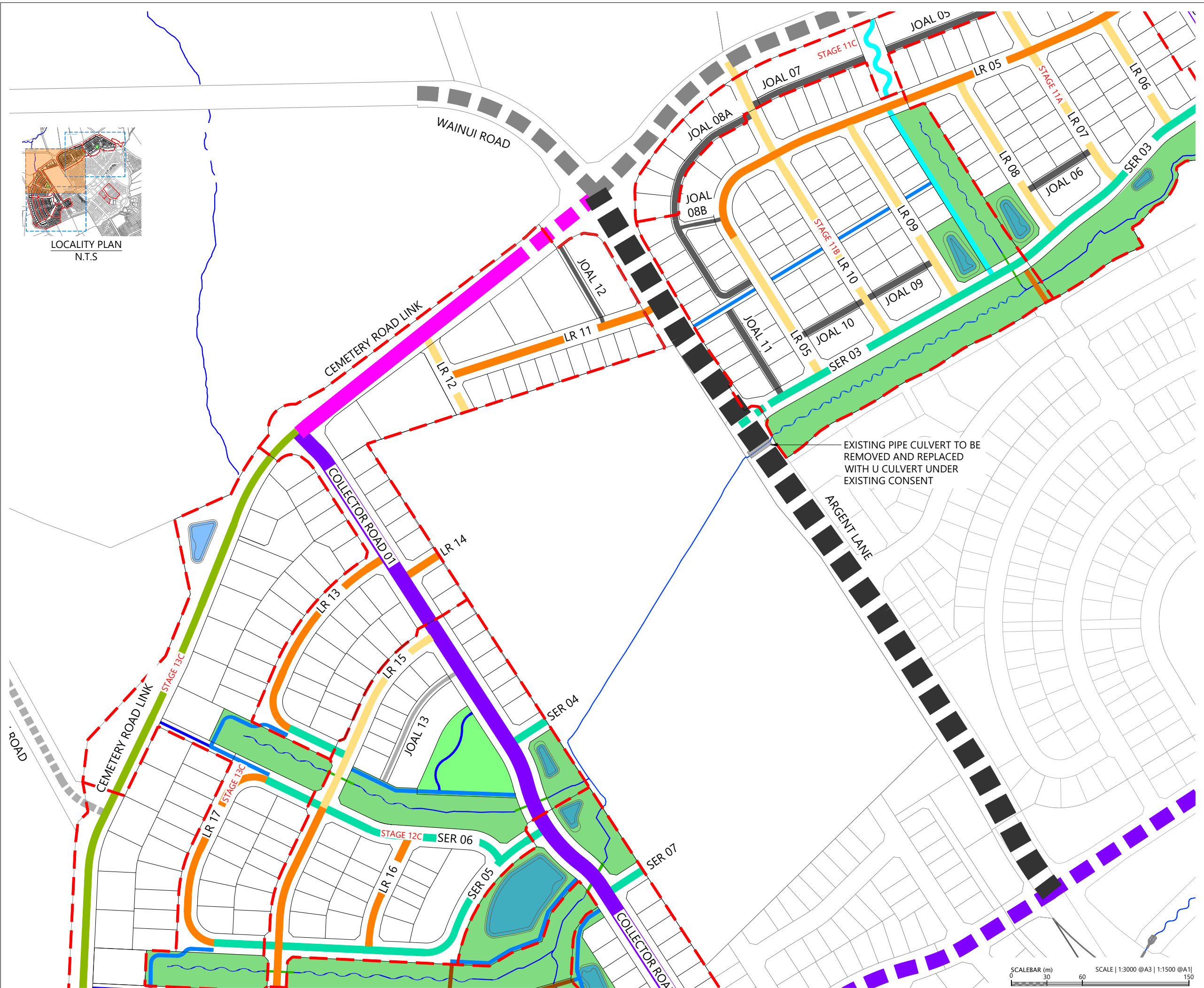
MILLDALE
FAST TRACK
STAGES 10 - 13
ROAD TYPOLOGY PLAN
SHEET 1

| | | |
|---------|--------------------|-----|
| STATUS | ISSUED FOR CONSENT | REV |
| SCALE | 1:3000 @ A3 | 2 |
| COUNCIL | AUCKLAND COUNCIL | |
| DWG NO | P24-128-00-2001-RD | |





LOCALITY PLAN
N.T.S



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)

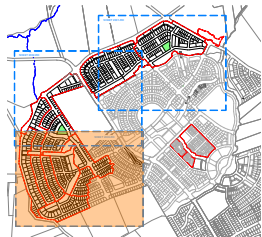
| REVISION DETAILS | | BY | DATE |
|------------------|-------------|----|-----------|
| 1 | FOR CONSENT | JW | FEB 2025 |
| 2 | FOR CONSENT | TB | JULY 2025 |

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

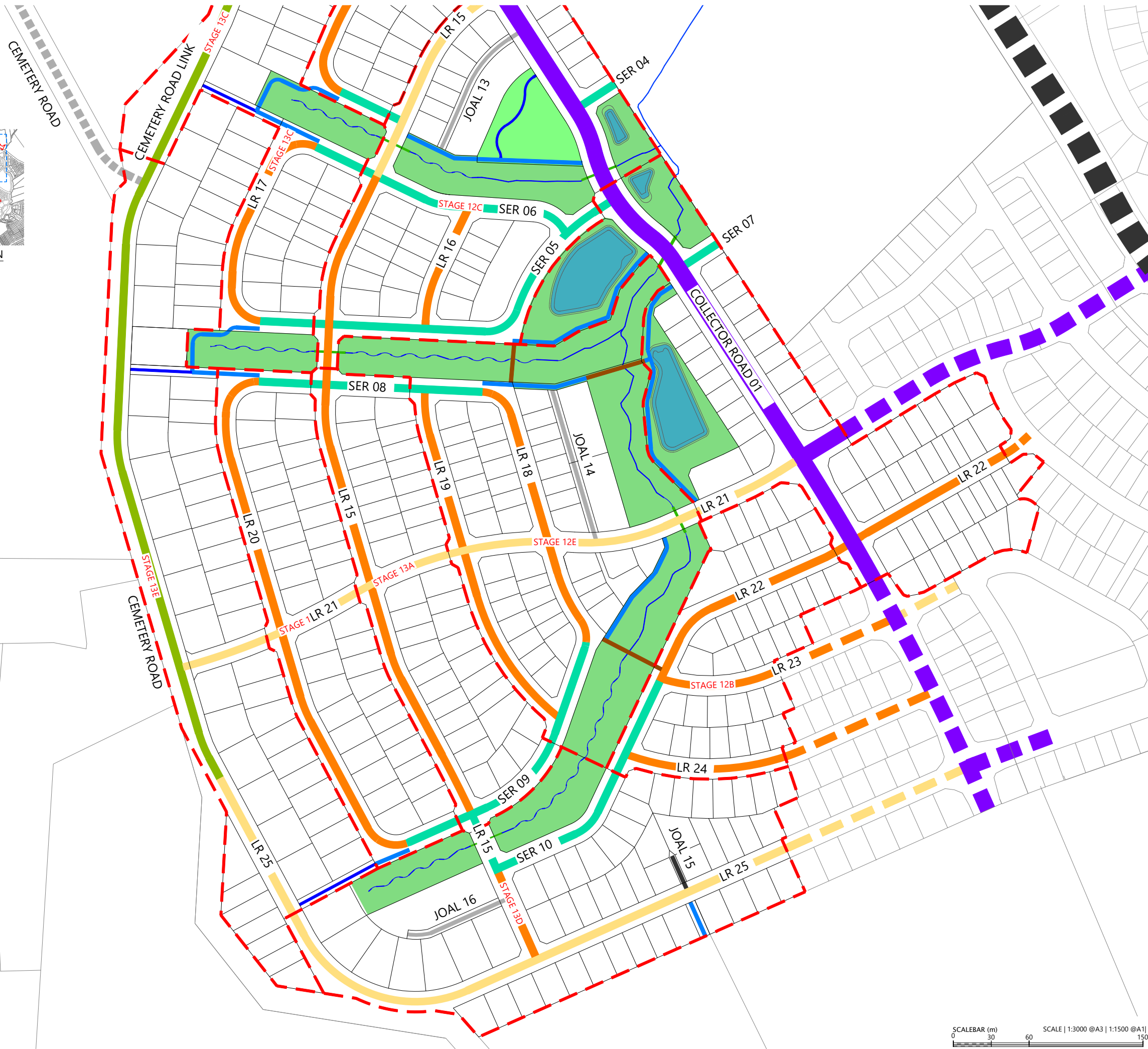


MILLDALE
FAST TRACK
STAGES 10 - 13
ROAD TYPOLOGY PLAN
SHEET 2

| | | |
|---------|--------------------|-----|
| STATUS | ISSUED FOR CONSENT | REV |
| SCALE | 1:3000 @ A3 | 2 |
| COUNCIL | AUCKLAND COUNCIL | |
| DWG NO | P24-128-00-2002-RD | |



LOCALITY PLAN
N.T.S



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 | FOR CONSENT | JW | FEB 2025 |
| 2 | FOR CONSENT | TB | JULY 2025 |

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

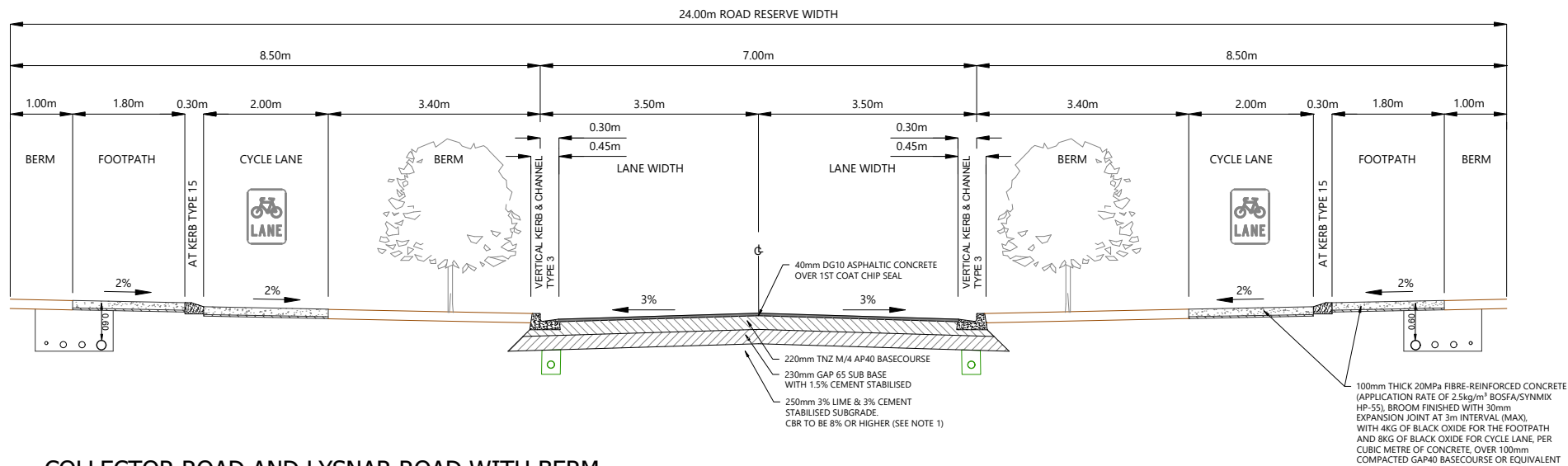
MILLDALE
FAST TRACK
STAGES 10 - 13
ROAD TYPOLOGY PLAN
SHEET 3

| | | |
|---------|--------------------|-----|
| STATUS | ISSUED FOR CONSENT | REV |
| SCALE | 1:3000 @ A3 | 2 |
| COUNCIL | AUCKLAND COUNCIL | |
| DWG NO | P24-128-00-2003-RD | |



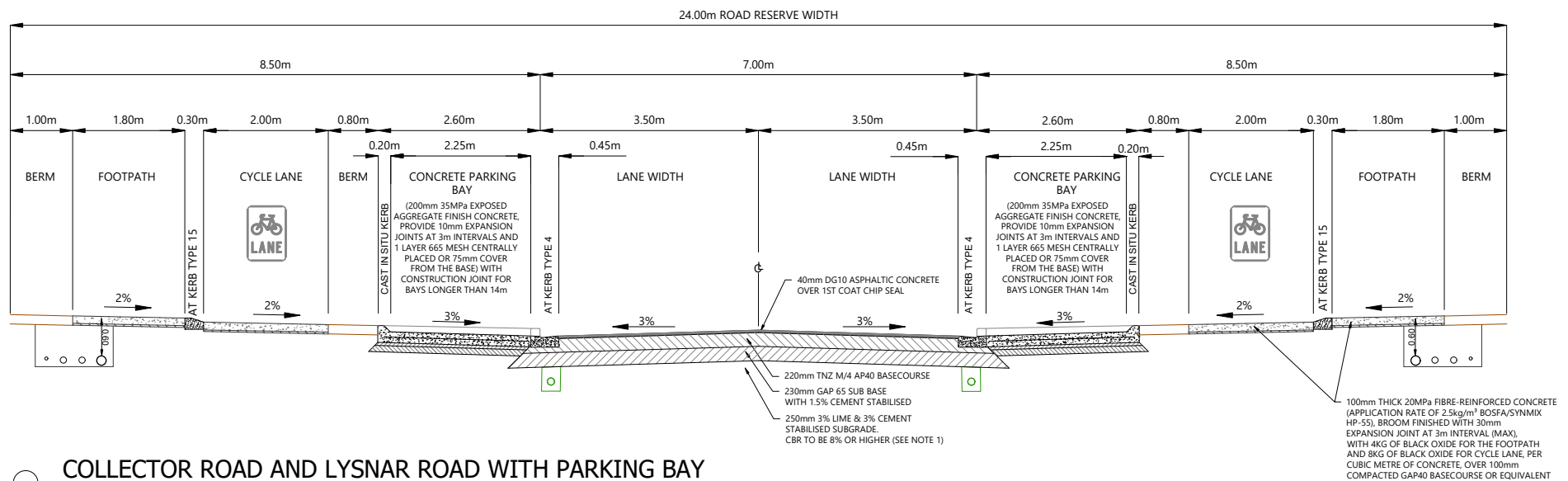
Plot Date: 1:45:21 pm, 23 July 2025, LUCAP

File: C:\125\ENERGY\DATA\WP-PEN-APP-01\P24-128-MDL-FAST TRACK APPLICATION_2162702 DRAWINGS\01 ENG\P24-128-00-2003-RD-ROAD TYPOLOGY PLAN.DWG



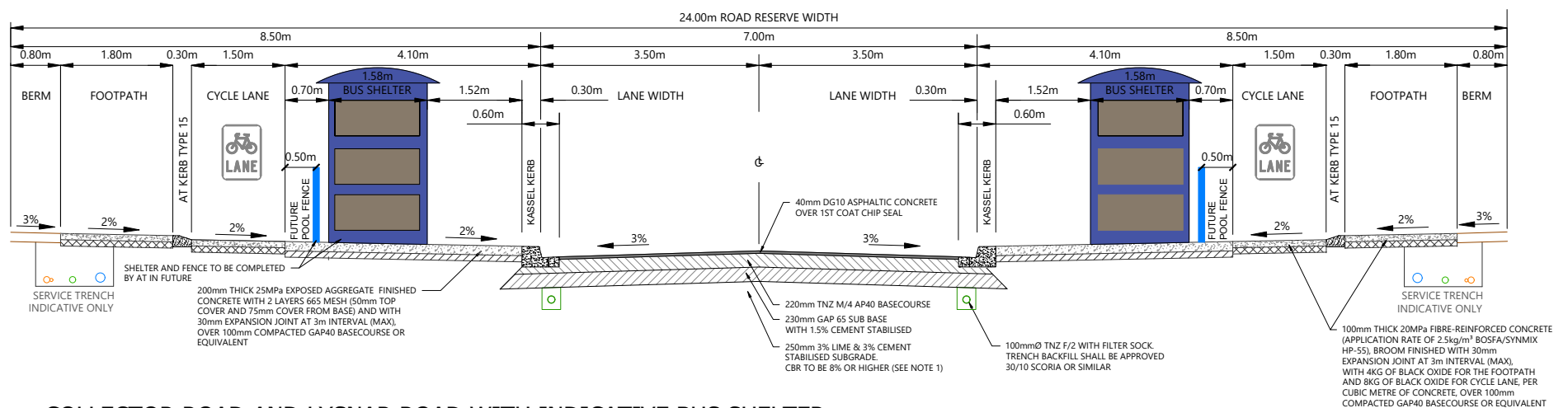
COLLECTOR ROAD AND LYSNAR ROAD WITH BERM

Scale: 1:100



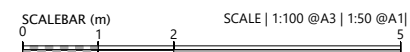
COLLECTOR ROAD AND LYSNAR ROAD WITH PARKING BAY

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 |
| | | | |
| | | | |
| | | | |

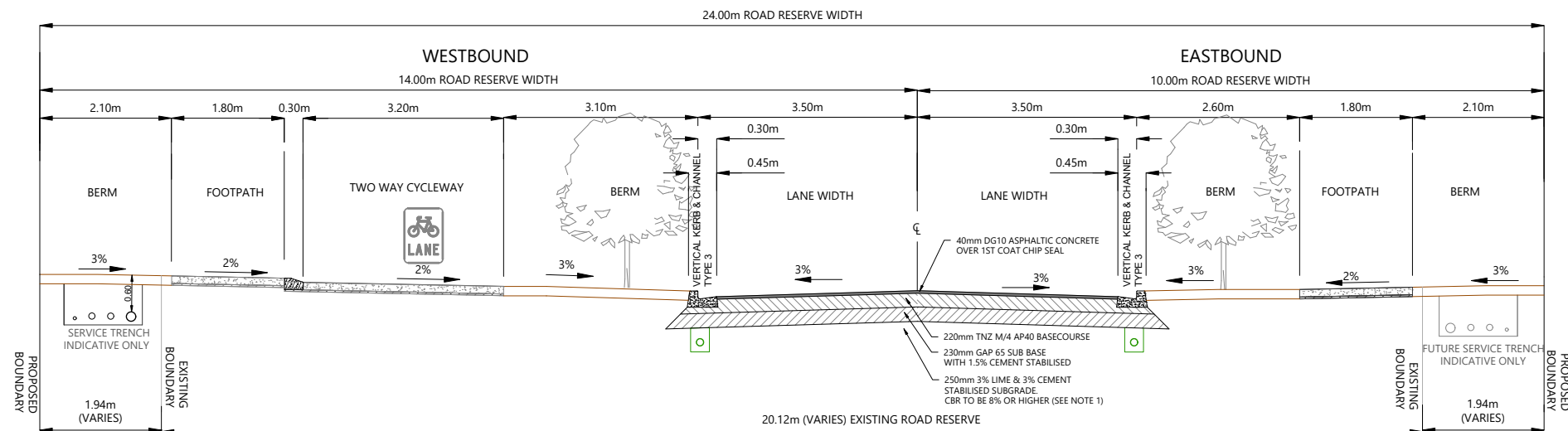
| | | |
|----------|-------|------------------------------------|
| SURVEYED | WOODS | SIDWELL ROAD WAINUI AUCKLAND |
| DESIGNED | AP | |
| DRAWN | AP | |
| CHECKED | AP | |
| APPROVED | JW | WOODS.CO.NZ |



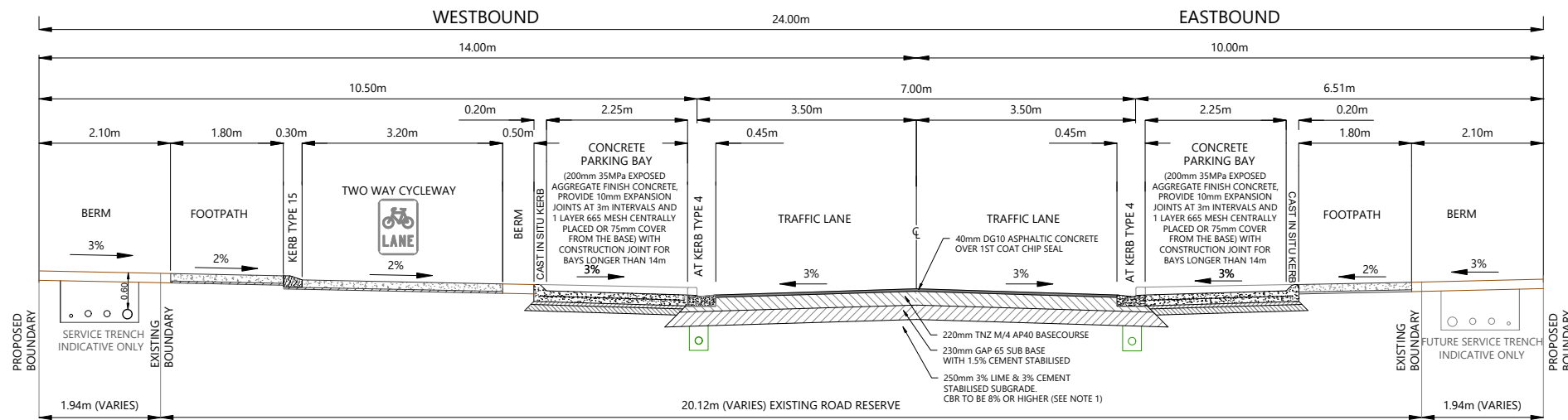
**MILLDALE
FAST TRACK
STAGES 10 - 13**

TYPICAL CROSS SECTION
COLLECTOR ROAD & LYSNAR ROAD

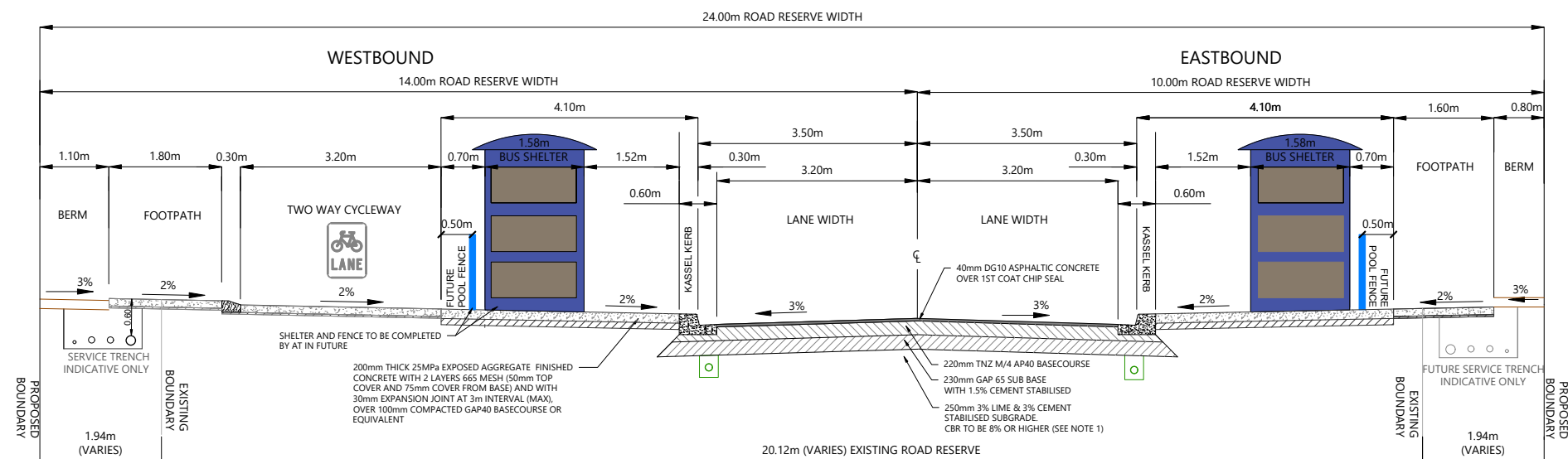
| | | |
|---------|--------------------|-----|
| STATUS | ISSUED FOR CONSENT | REV |
| SCALE | 1:100 @ A3 | 1 |
| COUNCIL | AUCKLAND COUNCIL | |
| DWG NO | P24-128-00-2010-RD | |



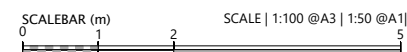
CEMETERY ROAD LINK (COLLECTOR ROAD) WITH BERM/RAINGARDEN
Scale: 1:100



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



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



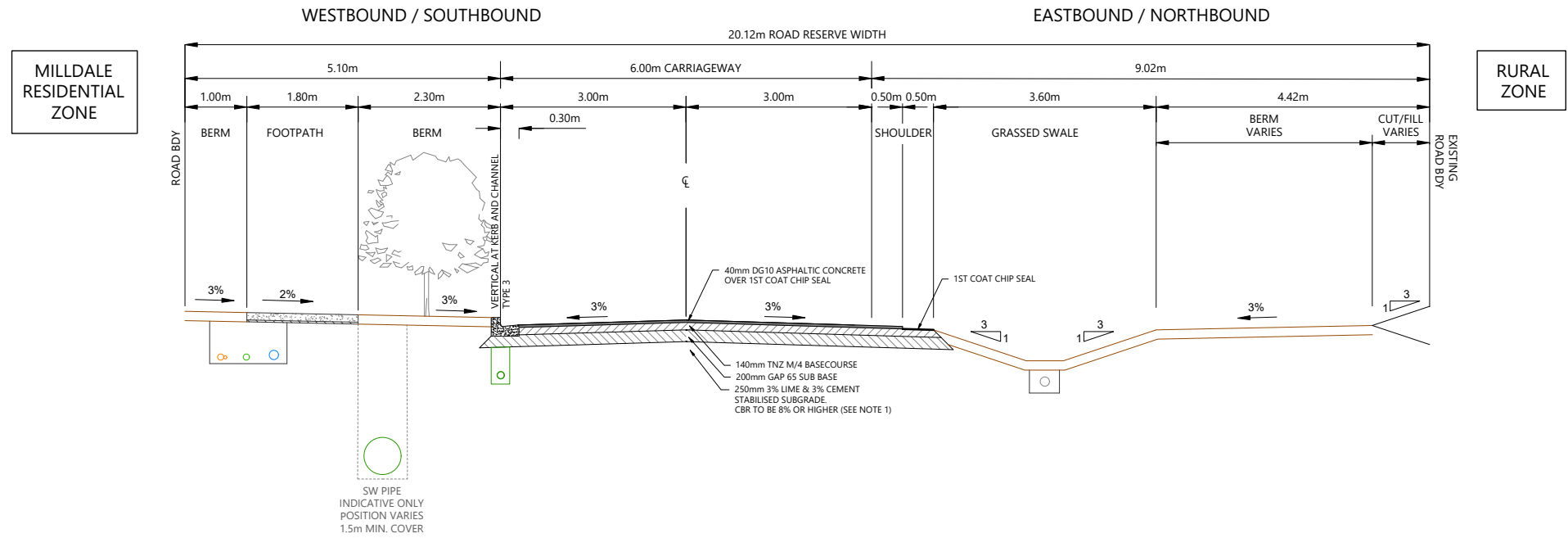
| REVISION DETAILS | | BY | DATE |
|------------------|--------------------|----|----------|
| 1 | ISSUED FOR CONSENT | AP | FEB 2025 |
| | | | |
| | | | |
| | | | |

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

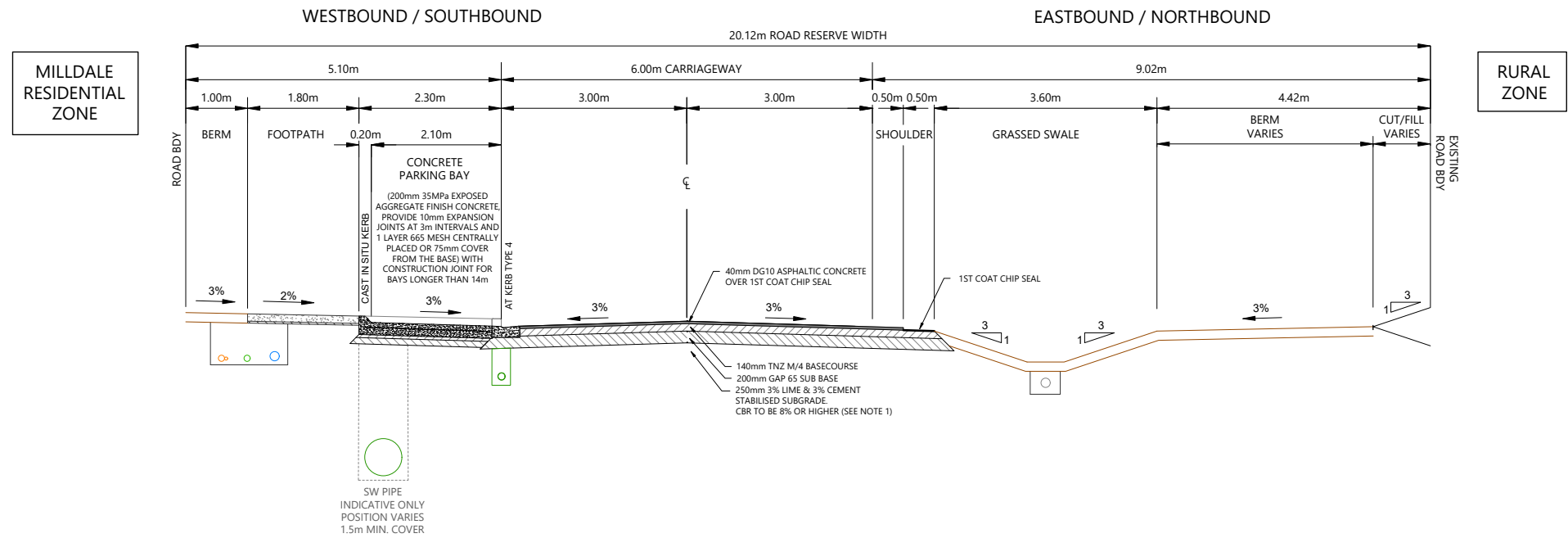


MILLDALE FAST TRACK STAGES 10 - 13 TYPICAL CROSS SECTION CEMETERY ROAD LINK (COLLECTOR ROAD)

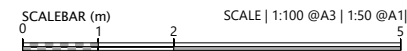
| | | |
|---------|--------------------|-----|
| STATUS | ISSUED FOR CONSENT | REV |
| SCALE | 1:100 @ A3 | 1 |
| COUNCIL | AUCKLAND COUNCIL | |
| DWG NO | P24-128-00-2011-RD | |



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



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



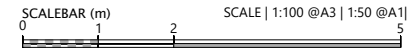
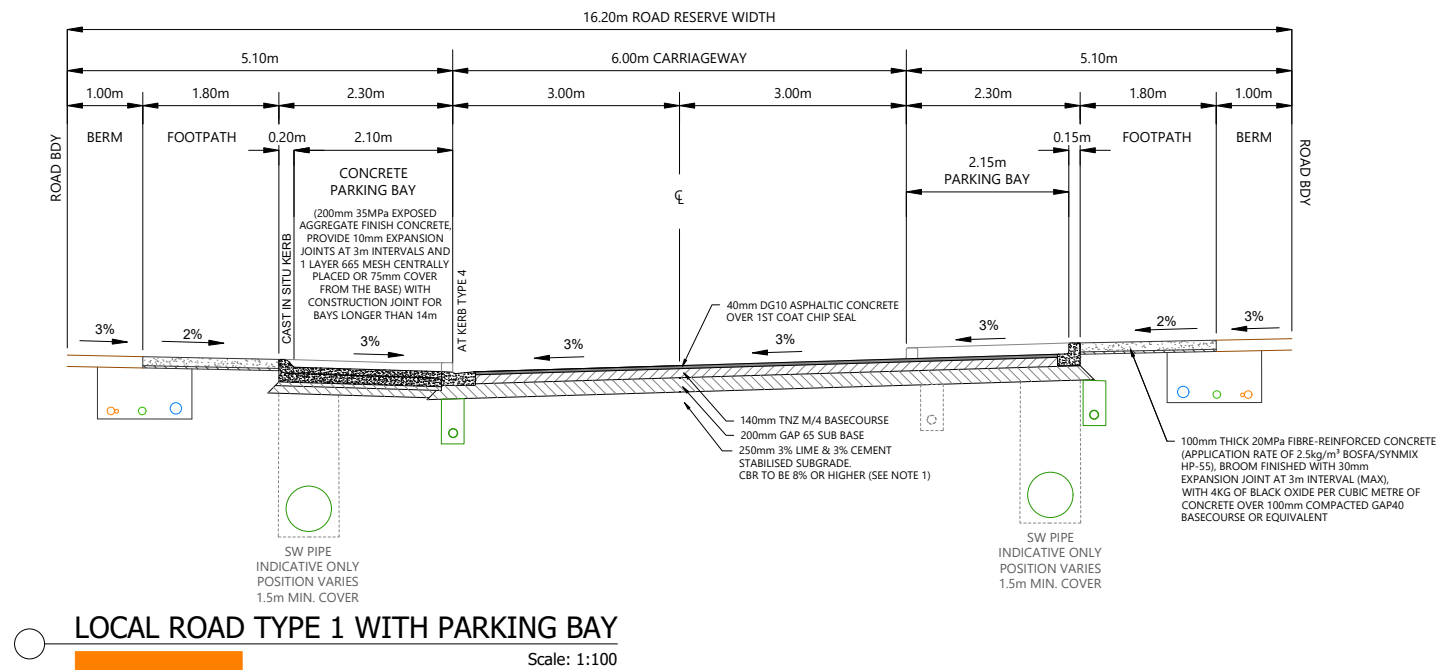
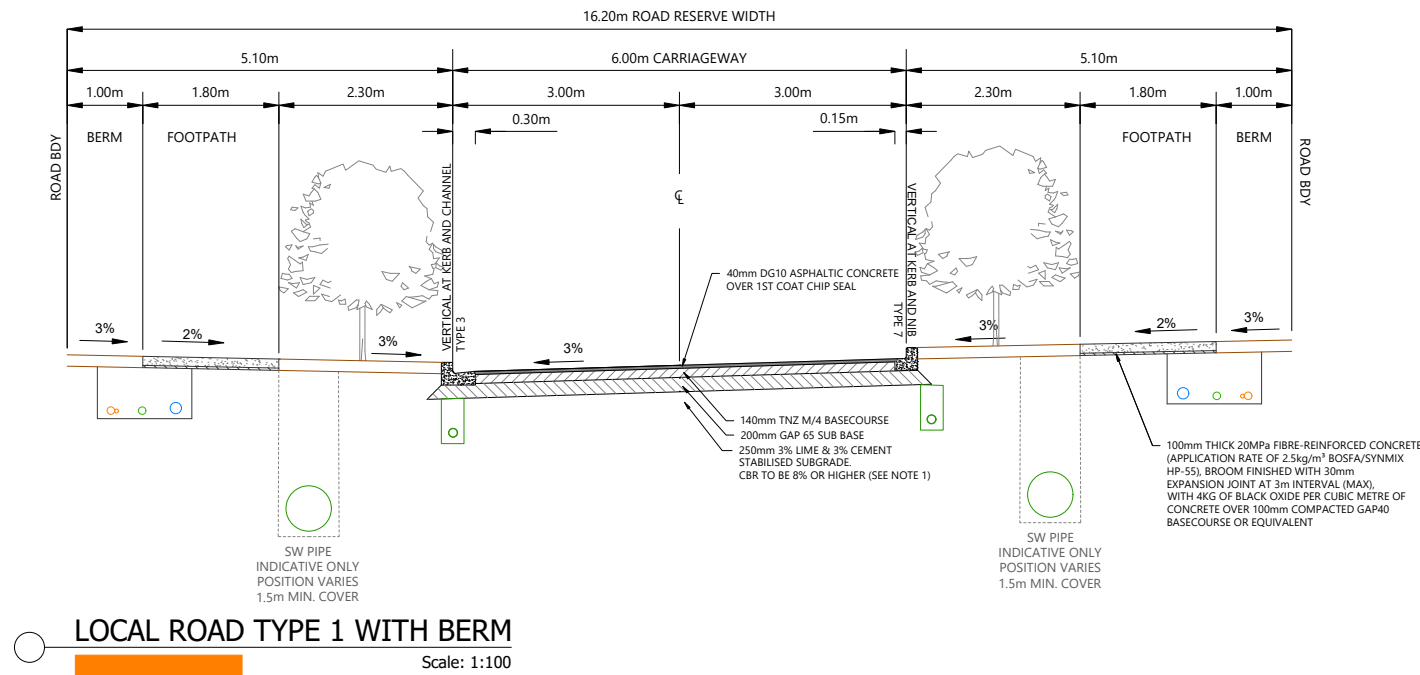
| REVISION DETAILS | | BY | DATE |
|------------------|--------------------|----|----------|
| 1 | ISSUED FOR CONSENT | AP | FEB 2025 |
| | | | |
| | | | |
| | | | |

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



MILDDALE 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 | |



| REVISION DETAILS | | BY | DATE |
|------------------|--------------------|----|----------|
| 1 | ISSUED FOR CONSENT | AP | FEB 2025 |
| | | | |
| | | | |

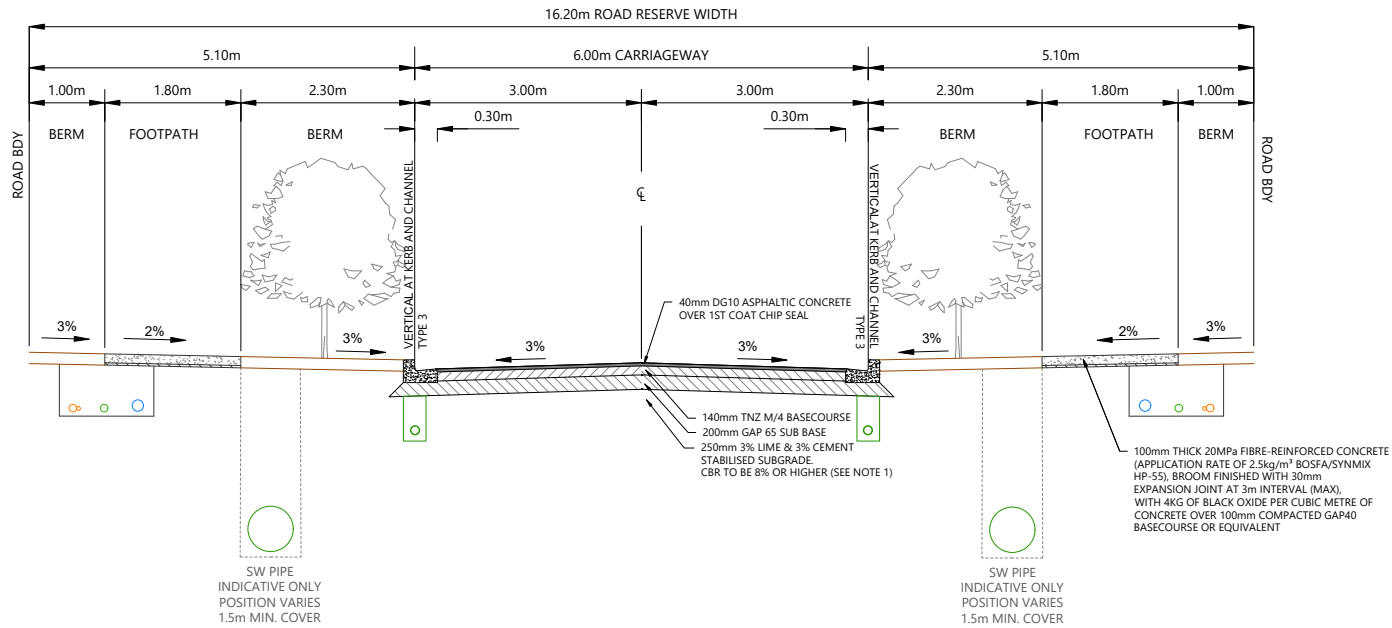
| | | |
|----------|-------|------------------------------------|
| SURVEYED | WOODS | SIDWELL ROAD WAINUI AUCKLAND |
| DESIGNED | AP | |
| DRAWN | AP | |
| CHECKED | AP | |
| APPROVED | JW | WOODS.CO.NZ |



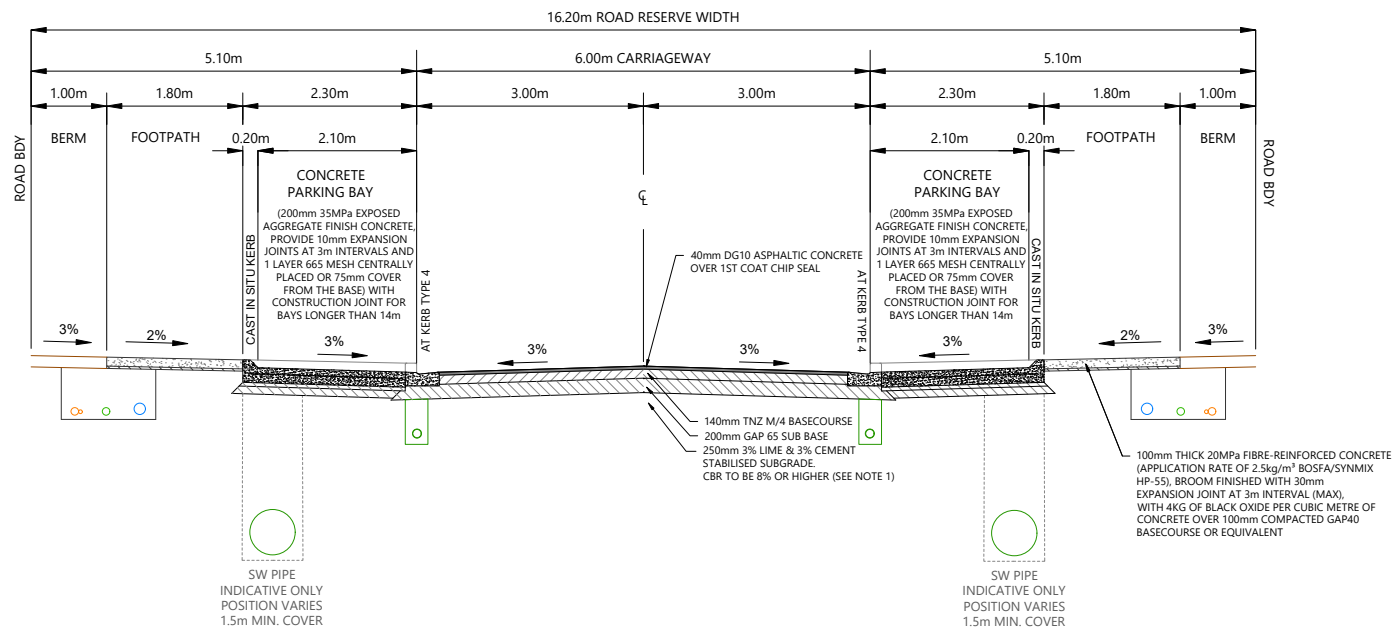
**MILLDALE
FAST TRACK
STAGES 10 - 13**

TYPICAL CROSS SECTION
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 |
| | | | |
| | | | |
| | | | |

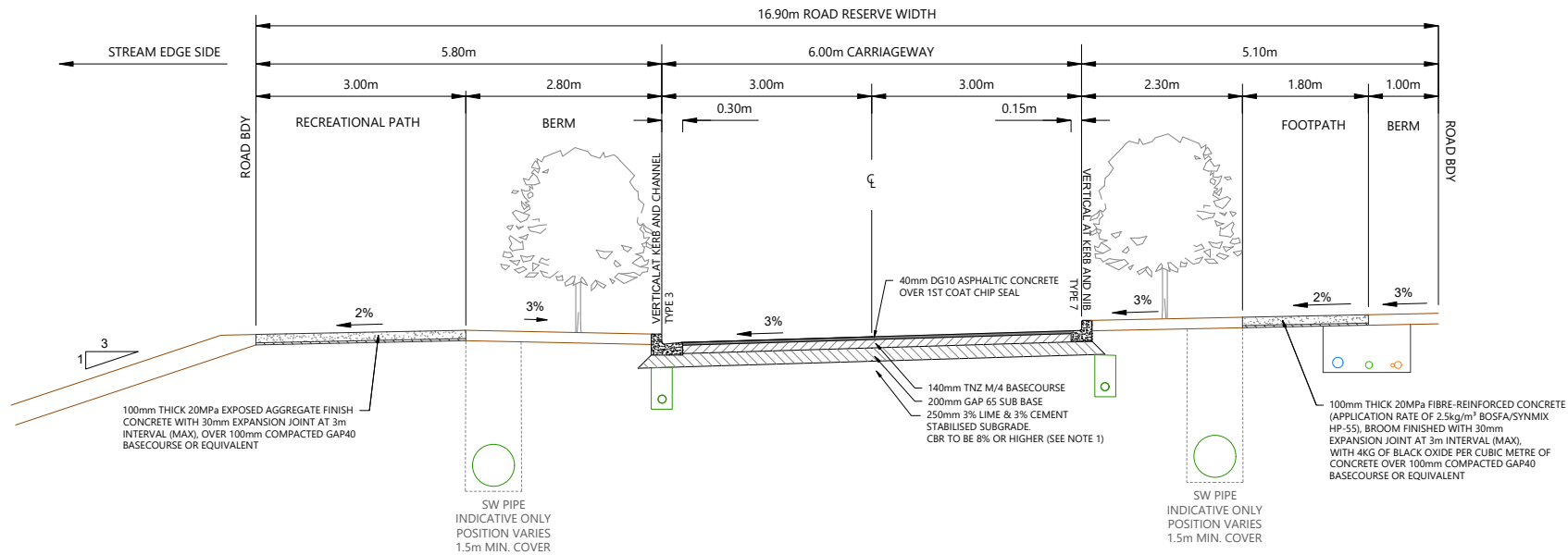
| | | |
|----------|-------|------------------------------------|
| SURVEYED | WOODS | SIDWELL ROAD WAINUI AUCKLAND |
| DESIGNED | AP | |
| DRAWN | AP | |
| CHECKED | AP | |
| APPROVED | JW | WOODS.CO.NZ |



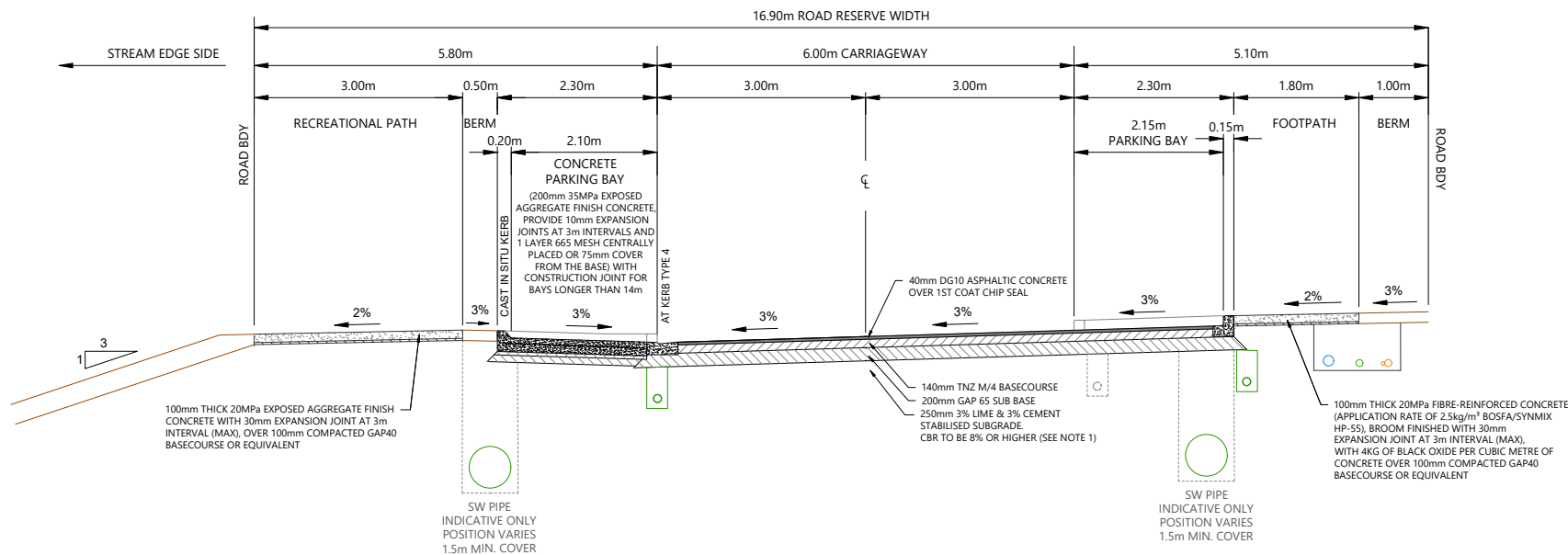
MILLDALE
FAST TRACK
STAGES 10 - 13
TYPICAL CROSS SECTION
LOCAL ROAD TYPE 2

| | | |
|---------|--------------------|-----|
| 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 |
| | | | |
| | | | |

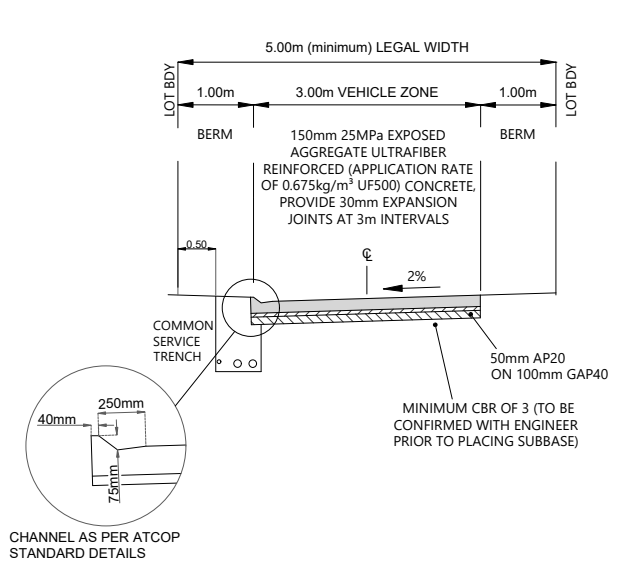
| | | |
|----------|-------|------------------------------------|
| SURVEYED | WOODS | SIDWELL ROAD WAINUI AUCKLAND |
| DESIGNED | AP | |
| DRAWN | AP | |
| CHECKED | AP | |
| APPROVED | JW | WOODS.CO.NZ |



MILLDALE
FAST TRACK
STAGES 10 - 13
TYPICAL CROSS SECTION
STREAM EDGE ROAD

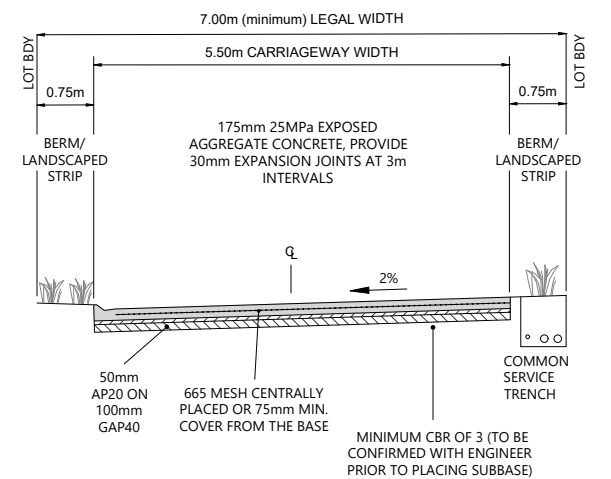
| | | |
|---------|--------------------|-----|
| STATUS | ISSUED FOR CONSENT | REV |
| SCALE | 1:100 @ A3 | 1 |
| COUNCIL | AUCKLAND COUNCIL | |
| DWG NO | P24-128-00-2015-RD | |





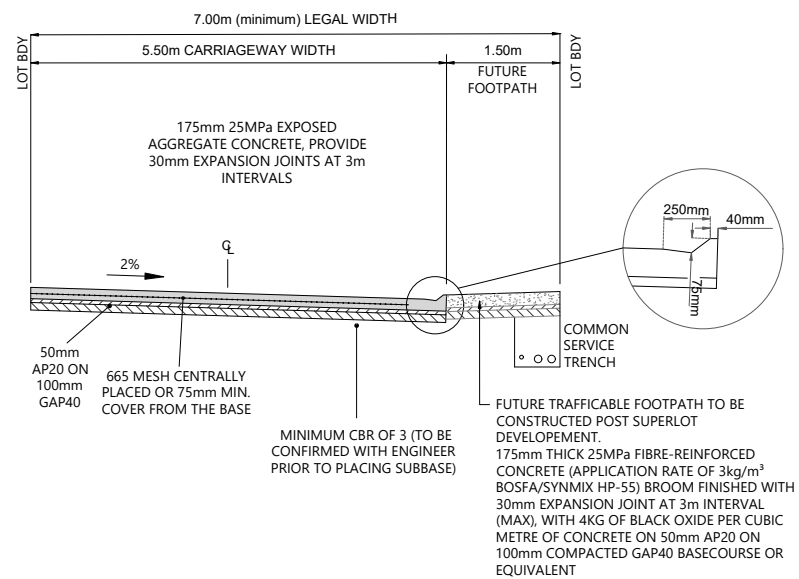
JOAL - 3.0M WIDTH TYPICAL SECTION

Scale: 1:100



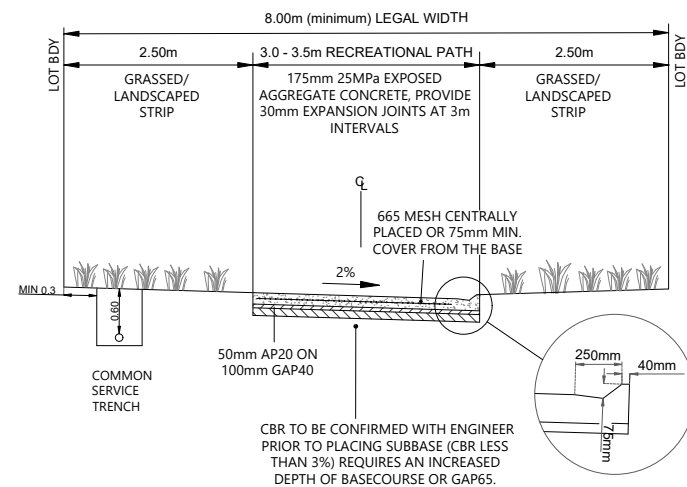
JOAL - 5.5M WIDTH TYPICAL SECTION

Scale: 1:100



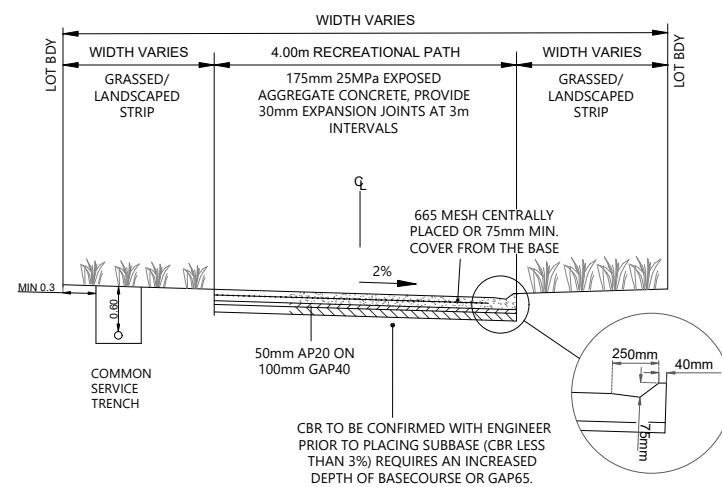
JOAL - 5.5M WIDTH TYPICAL SECTION

Scale: 1:100



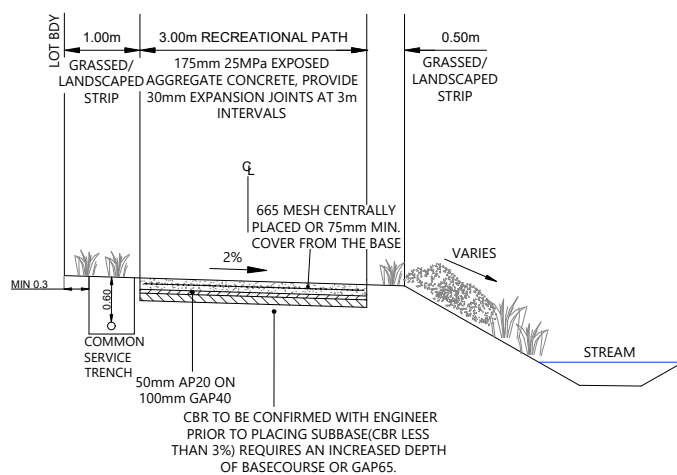
3.0 - 3.5m WIDTH RECREATIONAL PATH DETAIL

Scale: 1:100



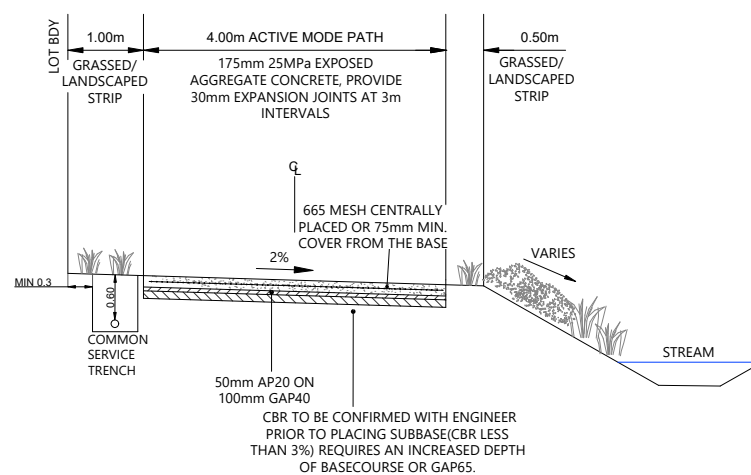
4.0M WIDTH ACTIVE MODE PATH DETAIL

Scale: 1:100



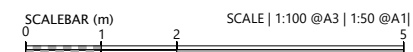
3.0 - 3.5m WIDTH RECREATIONAL PATH ADJACENT TO STREAM

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 |
| | | | |
| | | | |
| | | | |

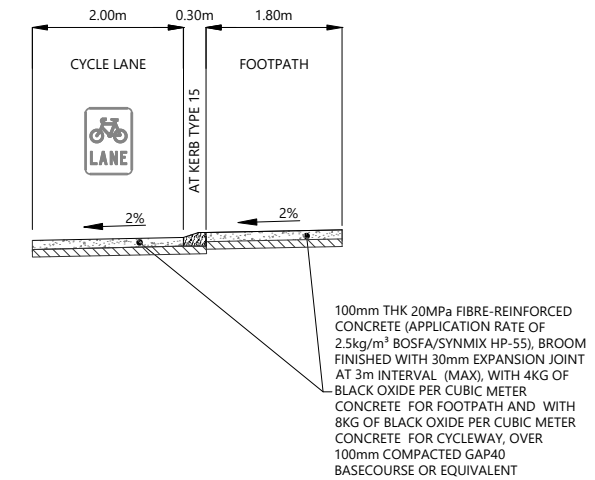
| | | |
|----------|-------|------------------------------------|
| SURVEYED | WOODS | SIDWELL ROAD WAINUI AUCKLAND |
| DESIGNED | AP | |
| DRAWN | AP | |
| CHECKED | AP | |
| APPROVED | JW | |
| | | WOODS.CO.NZ |



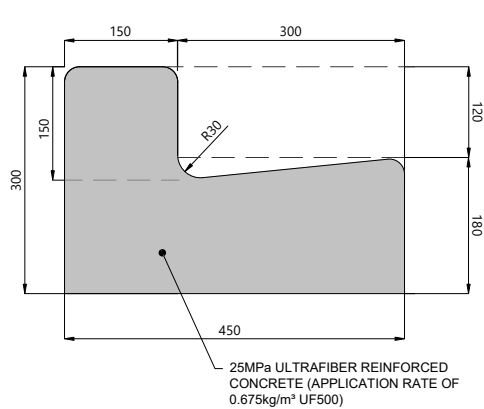
MILLDALE FAST TRACK STAGES 10 - 13

TYPICAL CROSS SECTIONS JOALS AND ACCESSWAYS

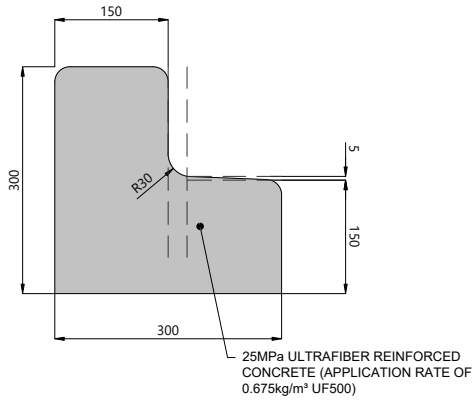
| | | |
|---------|--------------------|-----|
| STATUS | ISSUED FOR CONSENT | REV |
| SCALE | 1:100 @ A3 | 1 |
| COUNCIL | AUCKLAND COUNCIL | |
| DWG NO | P24-128-00-2016-RD | |



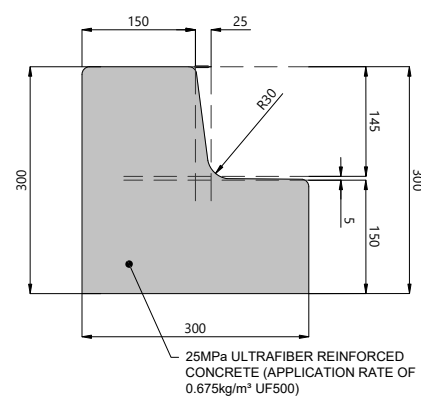
TYPICAL CYCLEWAY/FOOTPATH DETAIL
Scale: 1:100



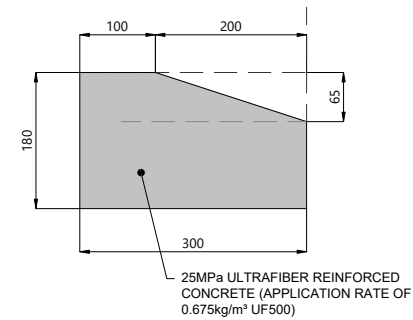
VERTICAL AT KERB AND CHANNEL TYPE 3
Scale: 1:10



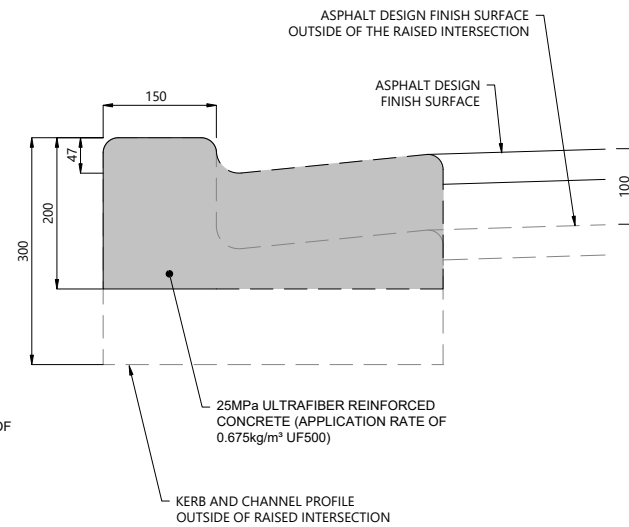
VERTICAL AT KERB AND NIB TYPE 7
Scale: 1:10



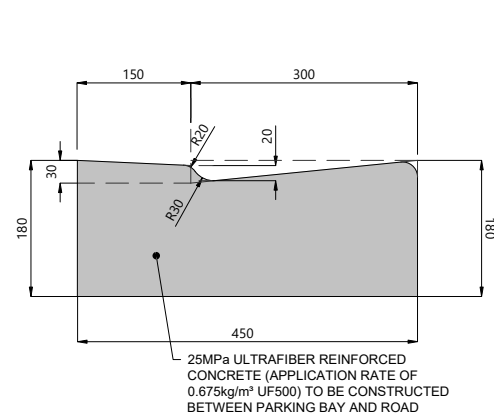
EXTRUDED AT KERB AND NIB TYPE 7
Scale: 1:10



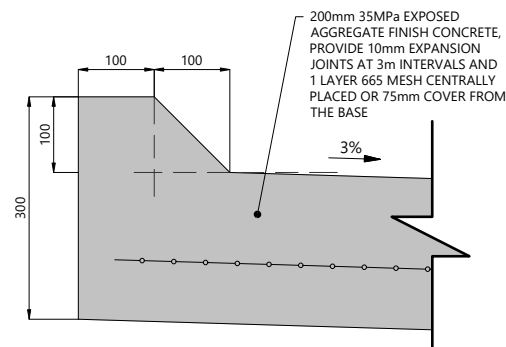
EXTRUDED MOUNTABLE AT KERB TYPE 15
Scale: 1:10



VERTICAL KERB AT RAISED INTERSECTION
Scale: 1:10



AT KERB TYPE 4
Scale: 1:10



PARKING BAY CAST INSITU KERB
Scale: 1:10



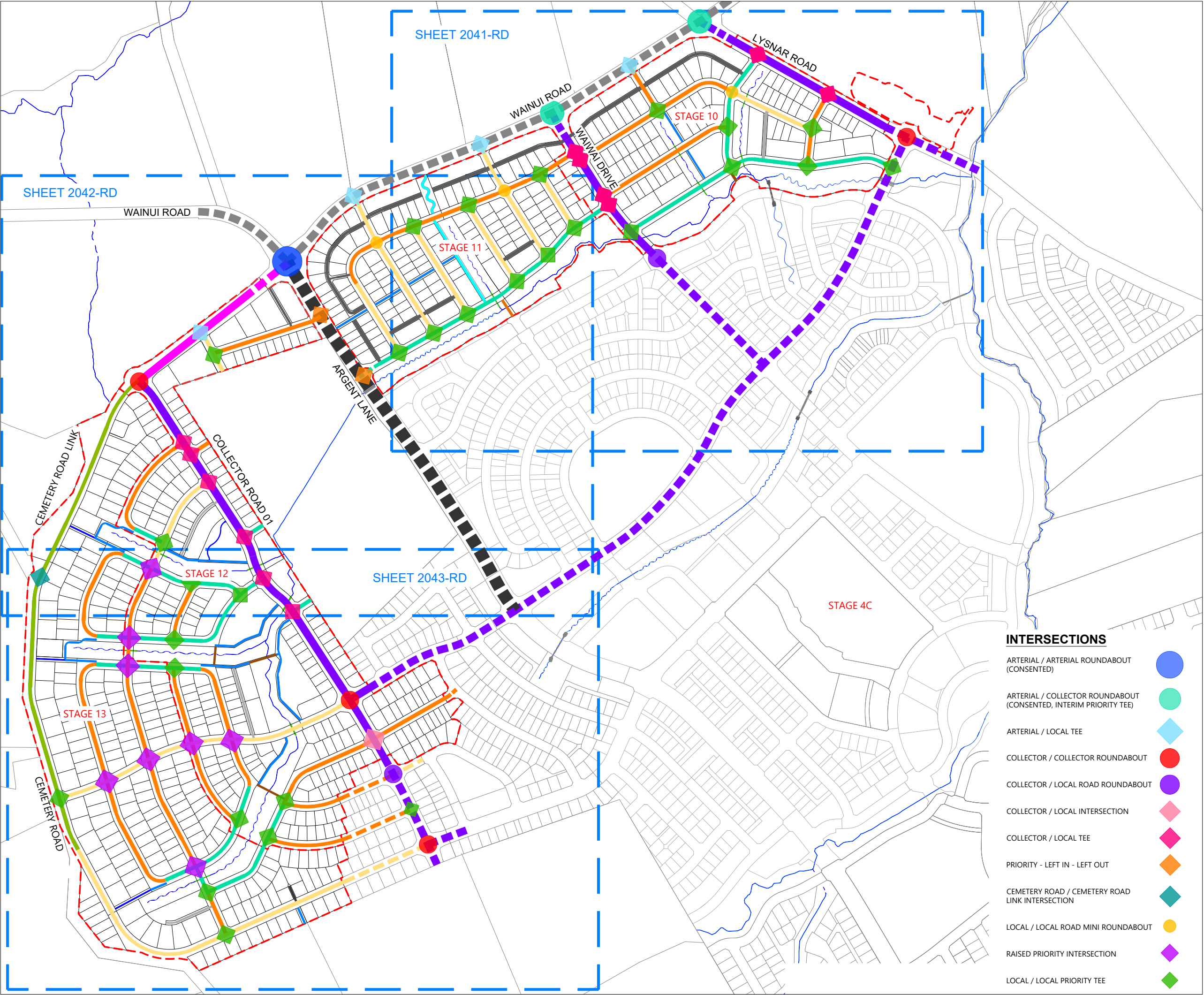
| REVISION DETAILS | | BY | DATE |
|------------------|--------------------|----|----------|
| 1 | ISSUED FOR CONSENT | AP | FEB 2025 |
| | | | |
| | | | |

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



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)

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

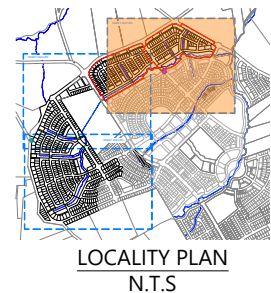
| REVISION DETAILS | | BY | DATE |
|------------------|-------------|----|-----------|
| 1 | FOR CONSENT | JW | FEB 2025 |
| 2 | FOR CONSENT | TB | JULY 2025 |

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

MILLDALE
FAST TRACK
STAGES 10 - 13
ROAD INTERSECTION TYPOLOGY
PLAN

| | | |
|---------|--------------------|-----|
| STATUS | ISSUED FOR CONSENT | REV |
| SCALE | 1:6000 @ A3 | 2 |
| COUNCIL | AUCKLAND COUNCIL | |
| DWG NO | P24-128-00-2040-RD | |





LEGEND

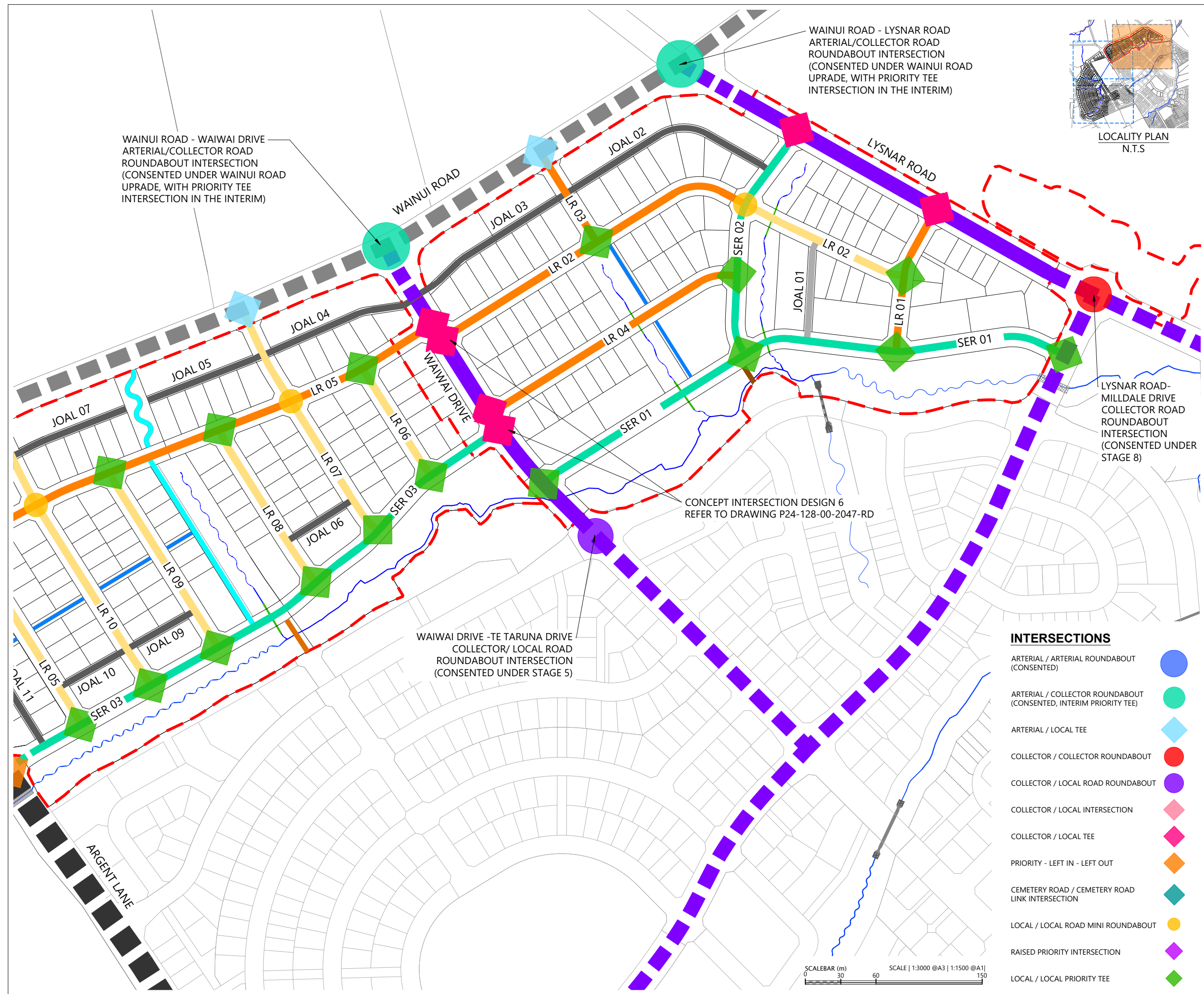
- EXTENTS OF FAST TRACK APPLICATION
- BOUNDARIES
- STREAM
- STREETS
- ARGENT LANE - ARTERIAL ROAD (30m)
- WAINUI ROAD - ARTERIAL ROAD (24m)
- WAIWAI DRIVE / LYSNAR ROAD / COLLECTOR ROAD (24m)
- CEMETERY ROAD LINK COLLECTOR (24m)
- STREAM EDGE ROAD (SER)
- LOCAL ROAD (LR) TYPE 1
- LOCAL ROAD (LR) TYPE 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 | FOR CONSENT | JW | FEB 2025 |
| 2 | FOR CONSENT | TB | JULY 2025 |

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

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

| | | |
|---------|--------------------|-----|
| STATUS | ISSUED FOR CONSENT | REV |
| SCALE | 1:3000 @ A3 | 2 |
| COUNCIL | AUCKLAND COUNCIL | |
| DWG NO | P24-128-00-2041-RD | |



INTERSECTIONS

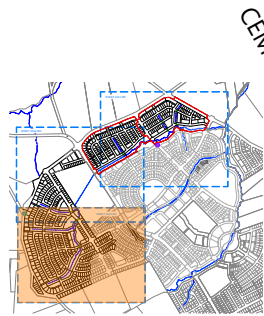
- ARTERIAL / ARTERIAL ROUNDABOUT (CONSENTED)
- ARTERIAL / COLLECTOR ROUNDABOUT (CONSENTED, INTERIM PRIORITY TEE)
- ARTERIAL / LOCAL TEE
- COLLECTOR / COLLECTOR ROUNDABOUT
- COLLECTOR / LOCAL ROAD ROUNDABOUT
- COLLECTOR / LOCAL INTERSECTION
- COLLECTOR / LOCAL TEE
- PRIORITY - LEFT IN - LEFT OUT
- CEMETERY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





| | | |
|---------|--------------------|-----|
| STATUS | ISSUED FOR CONSENT | REV |
| SCALE | 1:3000 @ A3 | 2 |
| COUNCIL | AUCKLAND COUNCIL | |
| DWG NO | P24-128-00-2042-RD | |





LOCALITY PLAN
N.T.S

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

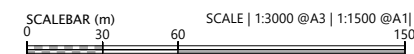
LOCAL / LOCAL ROAD MINI ROUNDABOUT

RAISED PRIORITY INTERSECTION

LOCAL / LOCAL PRIORITY TEE



CONCEPT FUTURE INTERSECTION DESIGN 4
REFER TO DRAWING P24-128-00-2046-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 | FOR CONSENT | JW | FEB 2025 |
| 2 | FOR CONSENT | TB | JULY 2025 |

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

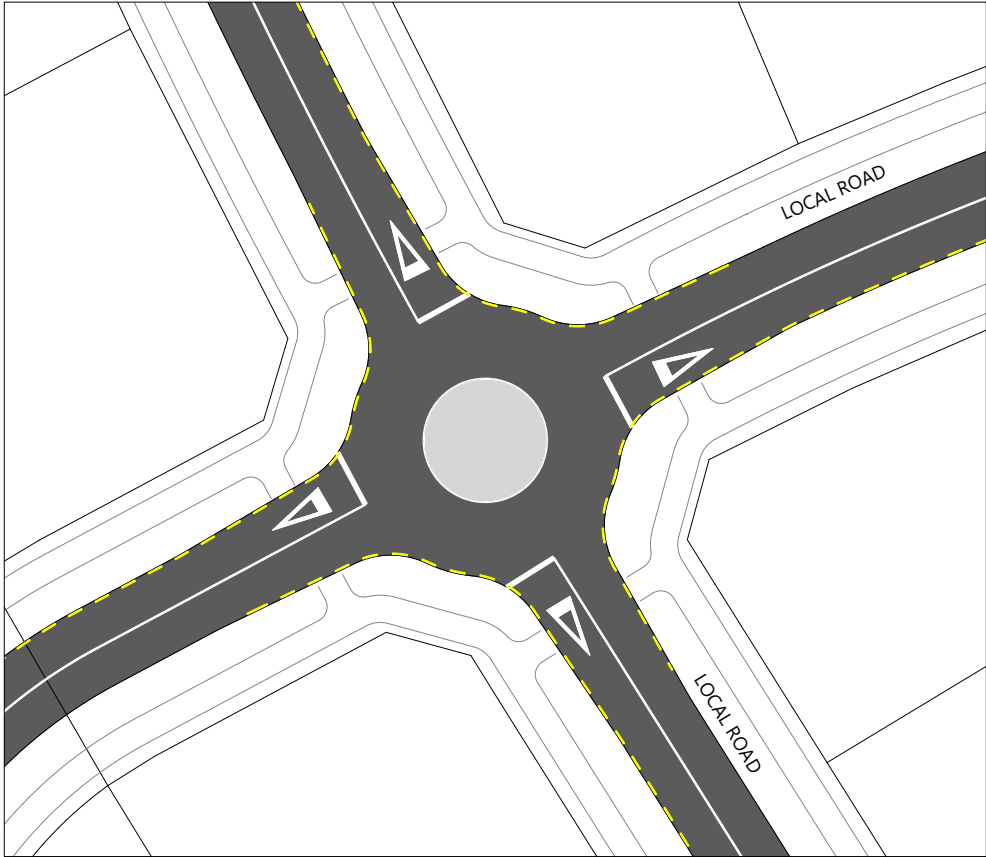


MILLDALE FAST TRACK STAGES 10 - 13 ROAD INTERSECTION TYPOLOGY PLAN SHEET 3

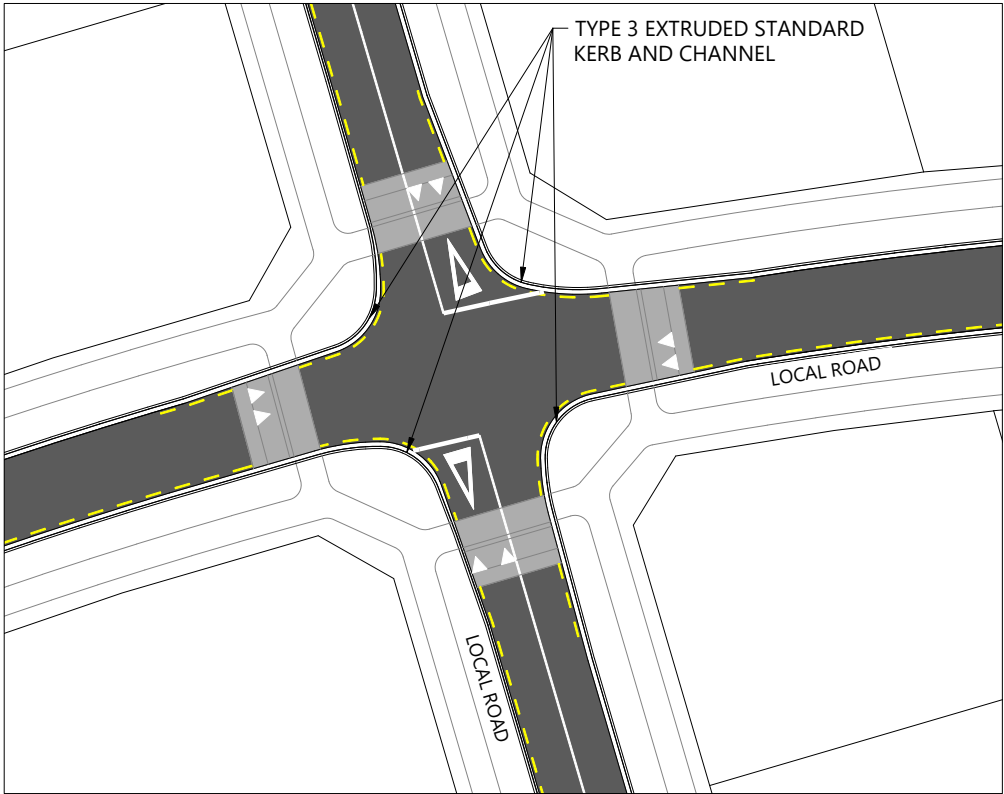
| | | |
|---------|--------------------|-----|
| STATUS | ISSUED FOR CONSENT | REV |
| SCALE | 1:3000 @ A3 | 2 |
| COUNCIL | AUCKLAND COUNCIL | |
| DWG NO | P24-128-00-2043-RD | |


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 | |
| | | WOODS.CO.NZ |



MILLDALE
FAST TRACK
STAGES 10 - 13
TYPICAL INTERSECTION LAYOUTS
SHEET 1

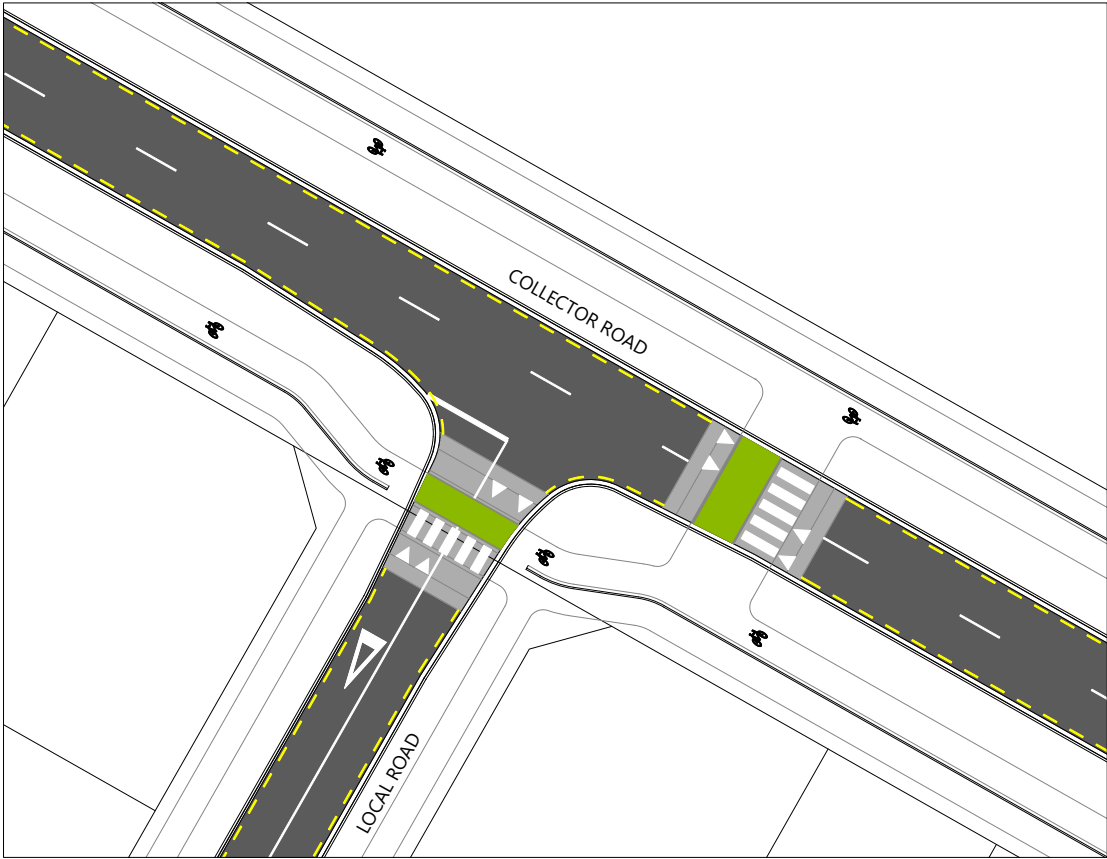
| | | |
|---------|--------------------|-----|
| STATUS | ISSUED FOR CONSENT | REV |
| SCALE | 1:500 @ A3 | 1 |
| COUNCIL | AUCKLAND COUNCIL | |
| DWG NO | P24-128-00-2044-RD | |



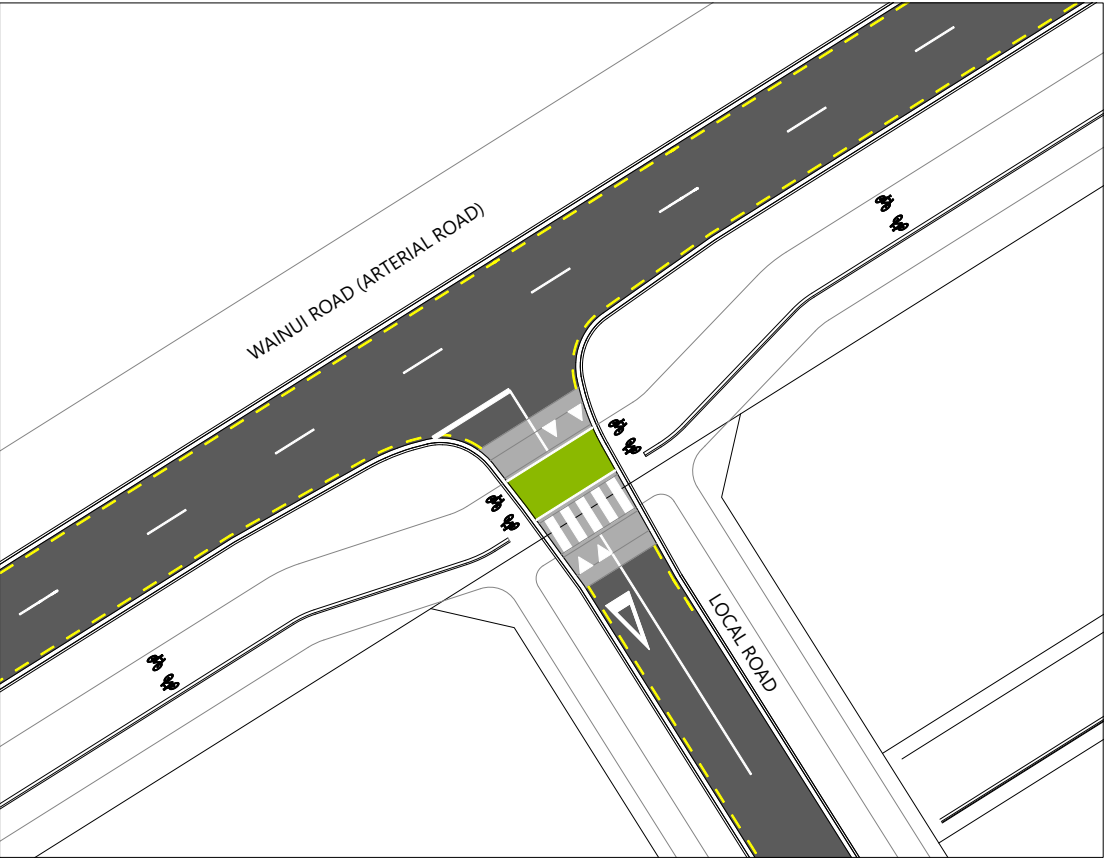
NOTES

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

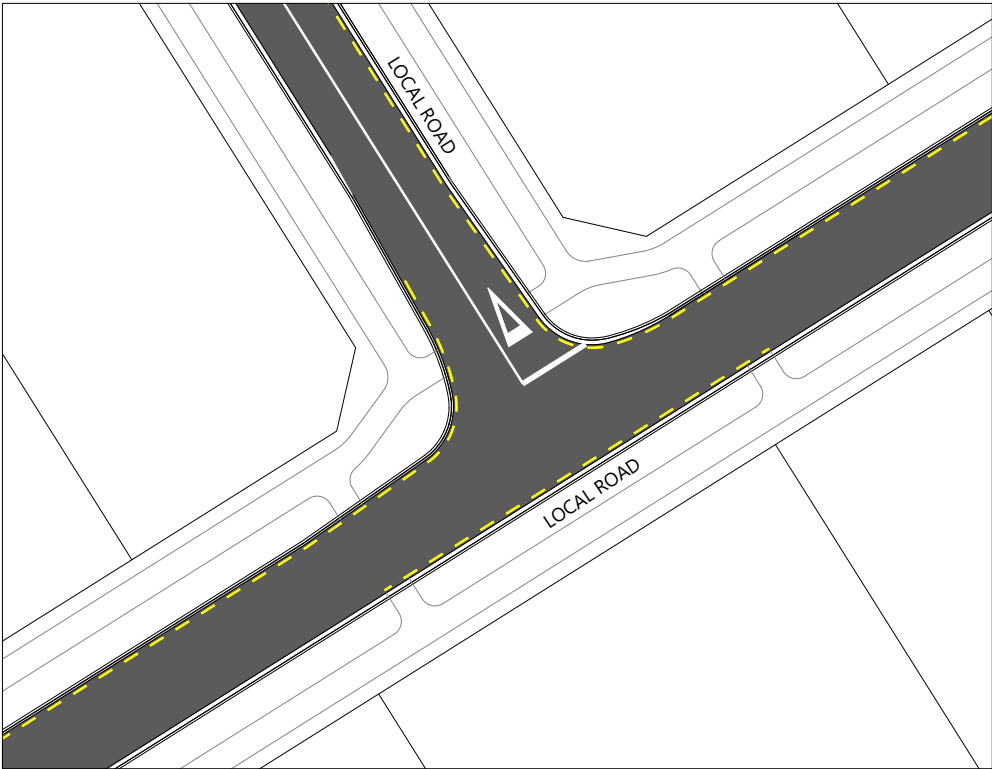
Plot Date: 2:26:59 pm,24 February 2025, TIMOTHYB




 **TYPICAL COLLECTOR/LOCAL TEE**



 **TYPICAL ARTERIAL/LOCAL TEE**



 **TYPICAL LOCAL / LOCAL PRIORITY TEE 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 | |
| | | WOODS.CO.NZ |

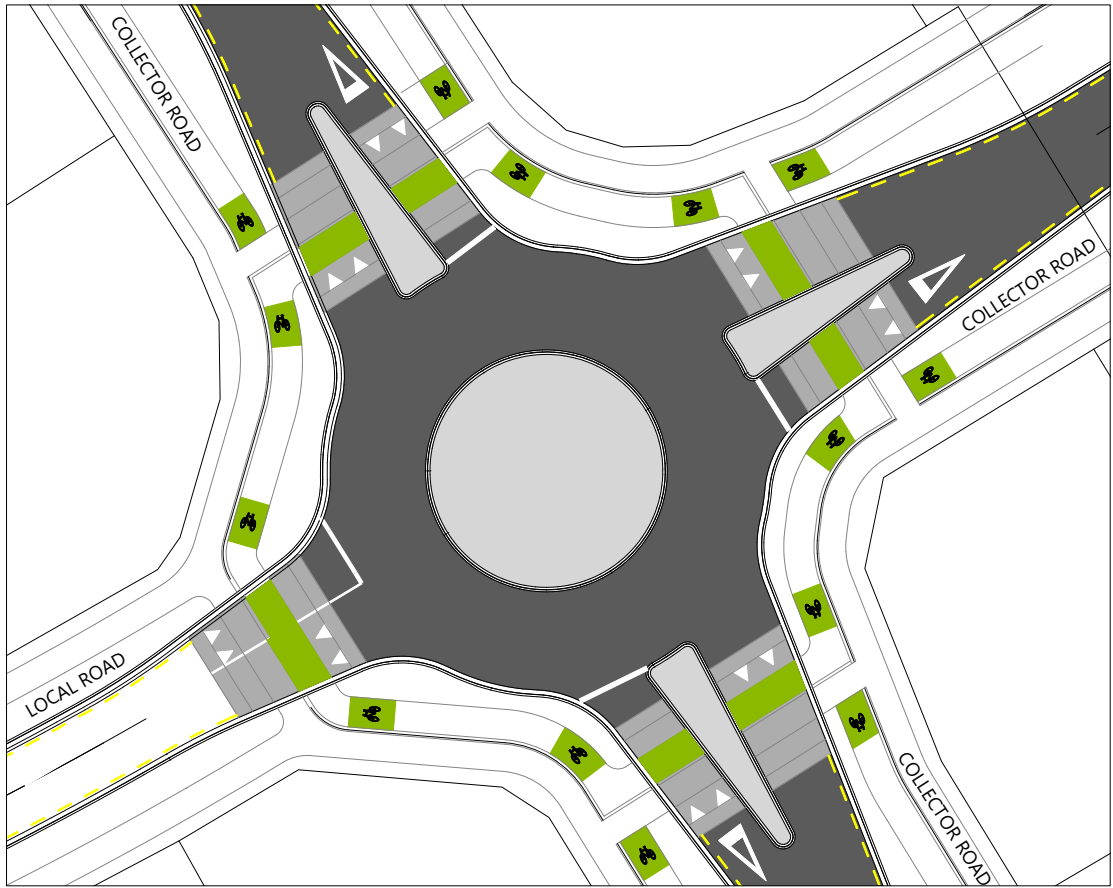


**MILLDALE
FAST TRACK
STAGES 10 - 13**
TYPICAL INTERSECTION LAYOUTS
SHEET 2

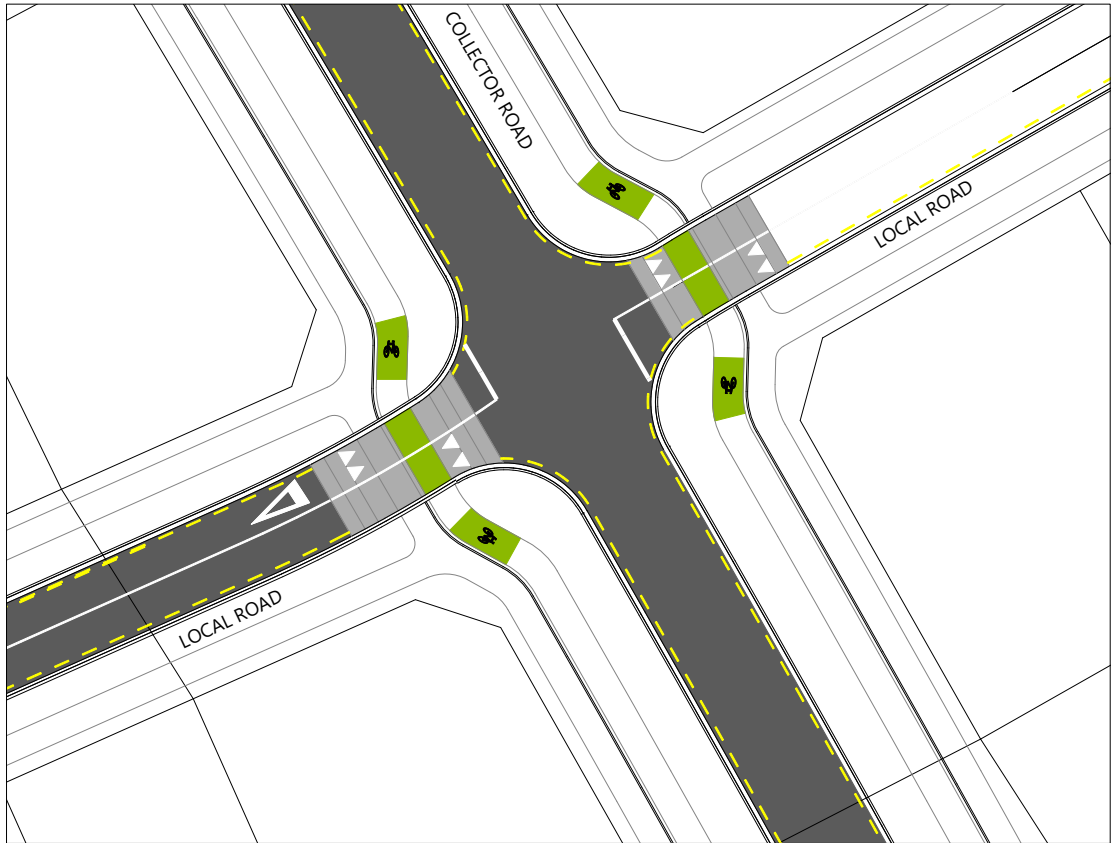
| | | |
|---------|--------------------|-----|
| STATUS | ISSUED FOR CONSENT | REV |
| SCALE | 1:500 @ A3 | 1 |
| COUNCIL | AUCKLAND COUNCIL | |
| DWG NO | P24-128-00-2045-RD | |



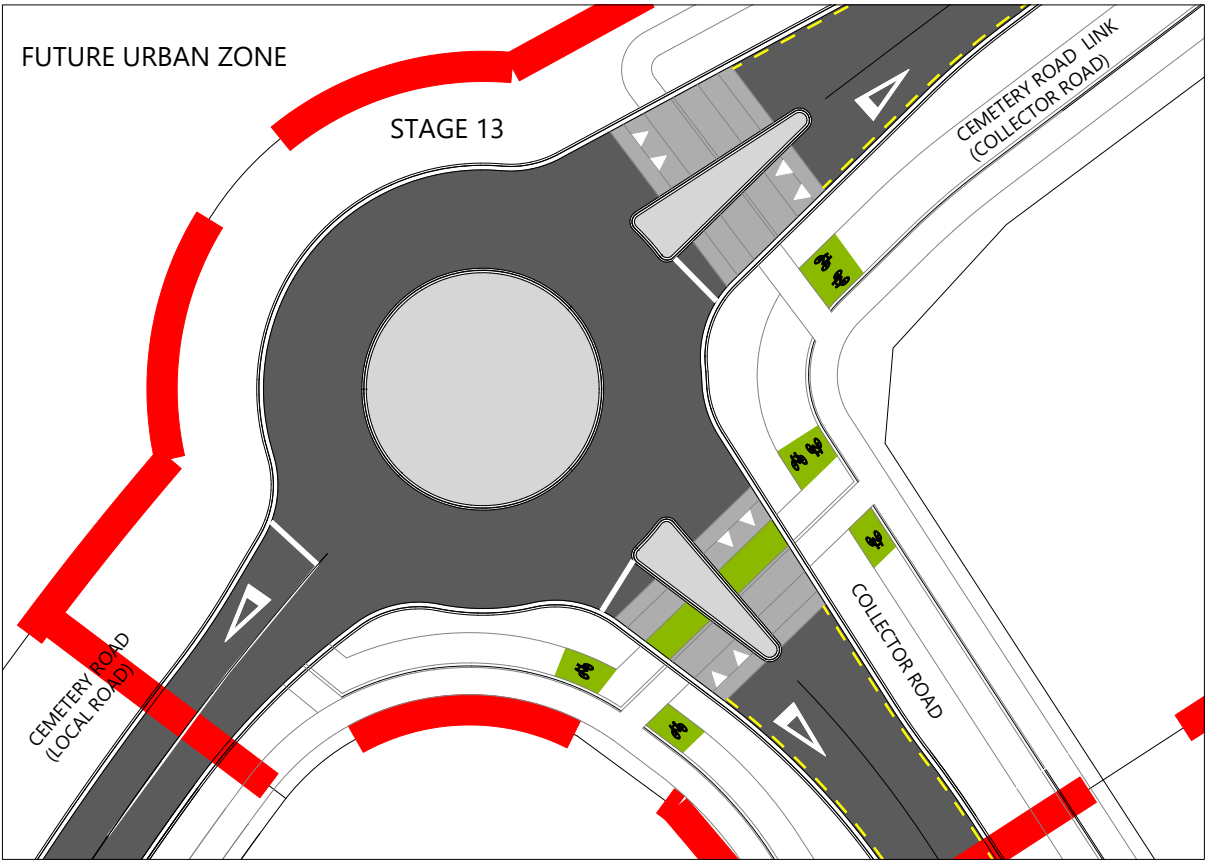
File: C:\12SD\ENERGY\DATA\WP-PEN-APP-01\P24-128 - MDL - FAST TRACK APPLICATION_21627\02 DRAWINGS\01 ENG\P24-128-00-2045-RD-ROAD INTERSECTION TYPOLOGY AND TYPICAL DETAIL PLAN.DWG



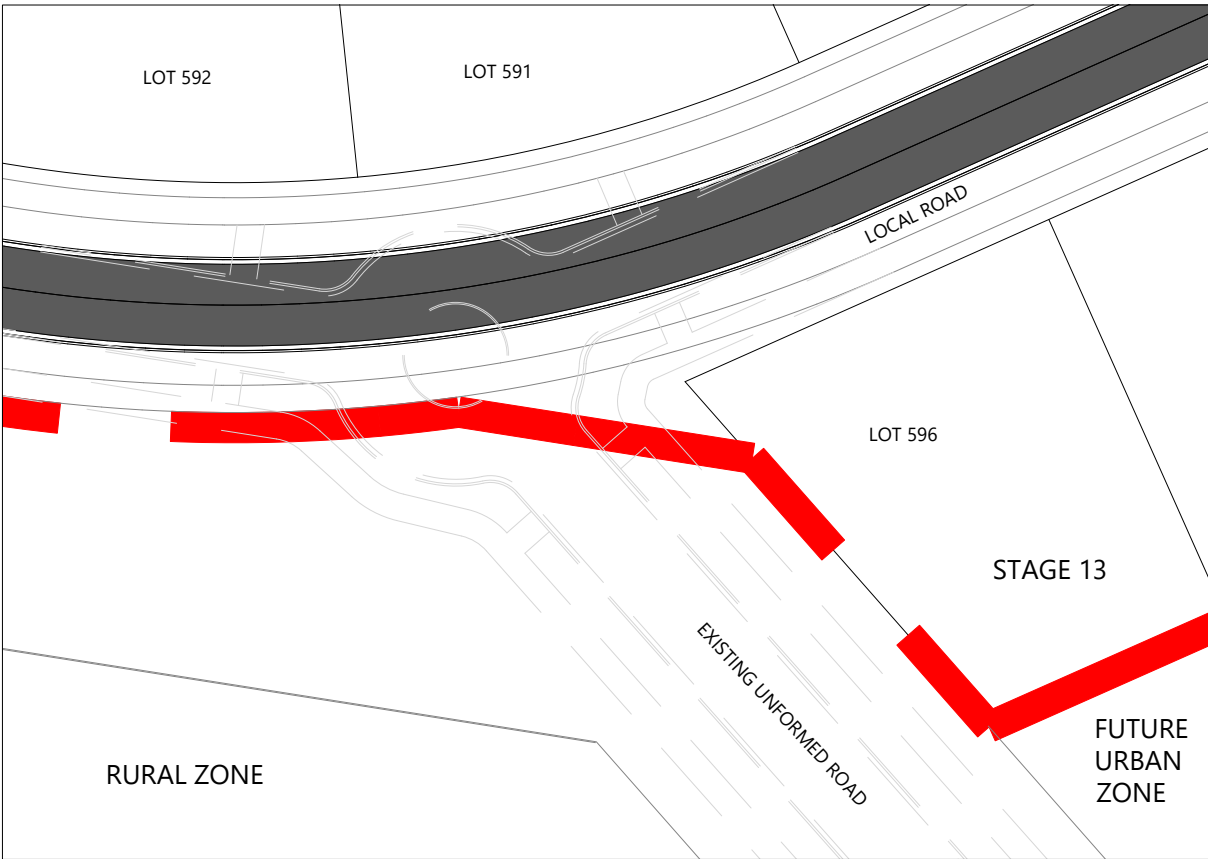
● CONCEPT INTERSECTION DESIGN 1 - COLLECTOR / COLLECTOR ROUNDABOUT



◆ CONCEPT INTERSECTION DESIGN 3 - COLLECTOR / LOCAL INTERSECTION



● CONCEPT INTERSECTION DESIGN 2 - COLLECTOR / COLLECTOR ROUNDABOUT



● 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 | |
| | | WOODS.CO.NZ |

MILLDALE
FAST TRACK
STAGES 10 - 13
CONCEPT INTERSECTION LAYOUTS
SHEET 1

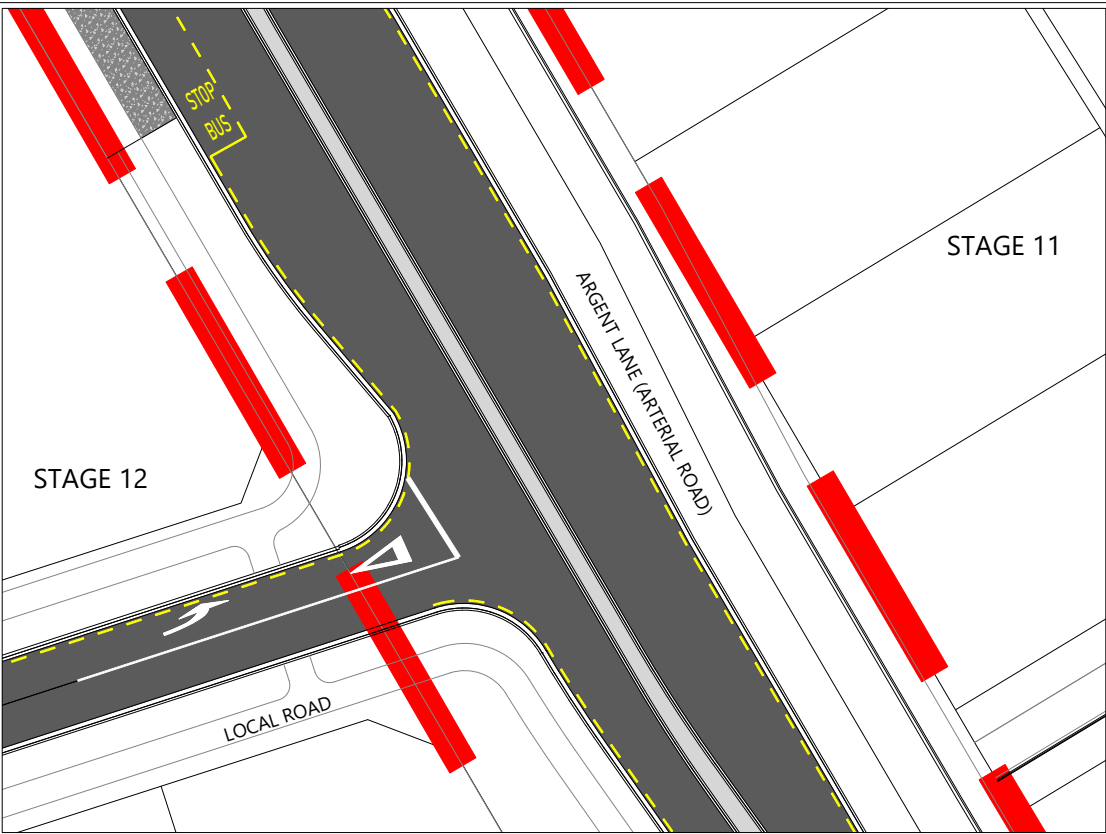
| | | |
|---------|--------------------|-----|
| STATUS | ISSUED FOR CONSENT | REV |
| SCALE | 1:500 @ A3 | 1 |
| COUNCIL | AUCKLAND COUNCIL | |
| DWG NO | P24-128-00-2046-RD | |

Plot Date: 2:46:56 pm, 24 February 2025, TIMOTHYB
File: C:\12SD\ENERGYDATA\WP-PEN-APP-01\P24-128 - MDL - FAST TRACK APPLICATION_2162702 DRAWINGS\01 ENG\P24-128-00-2046-RD-ROAD INTERSECTION TYPOLOGY AND TYPICAL DETAIL PLAN.DWG

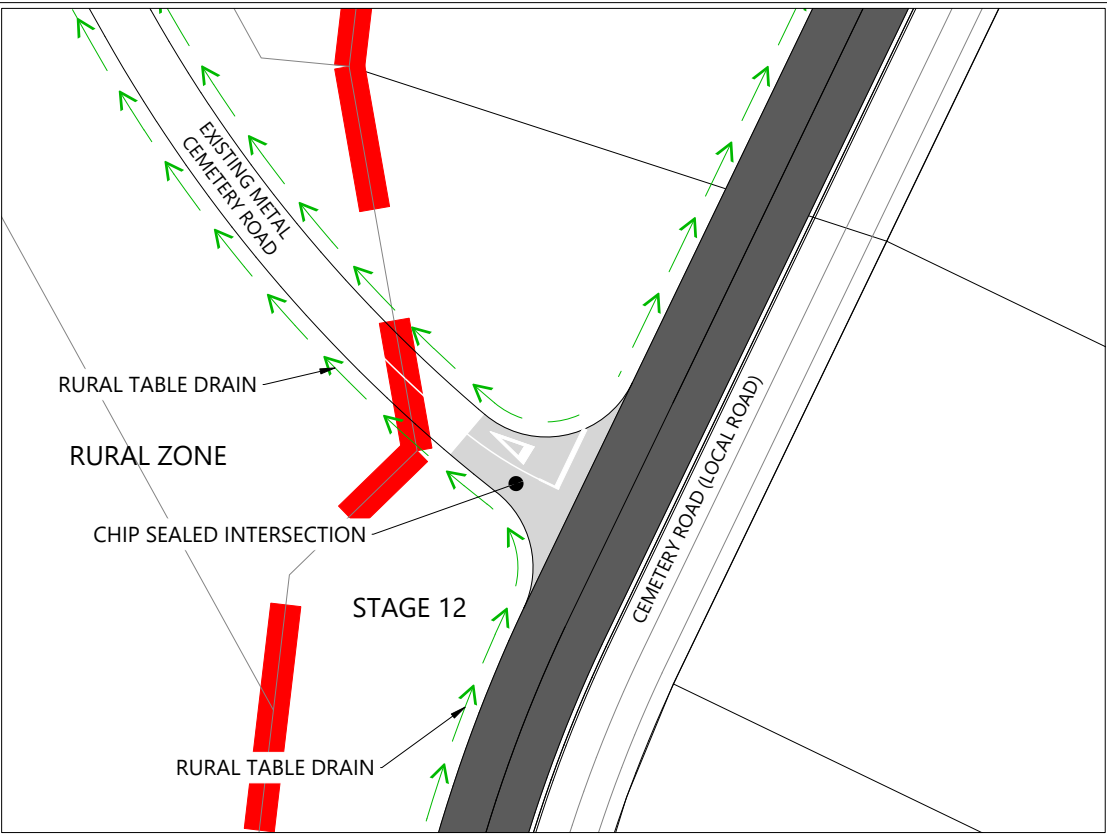
NOTES

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

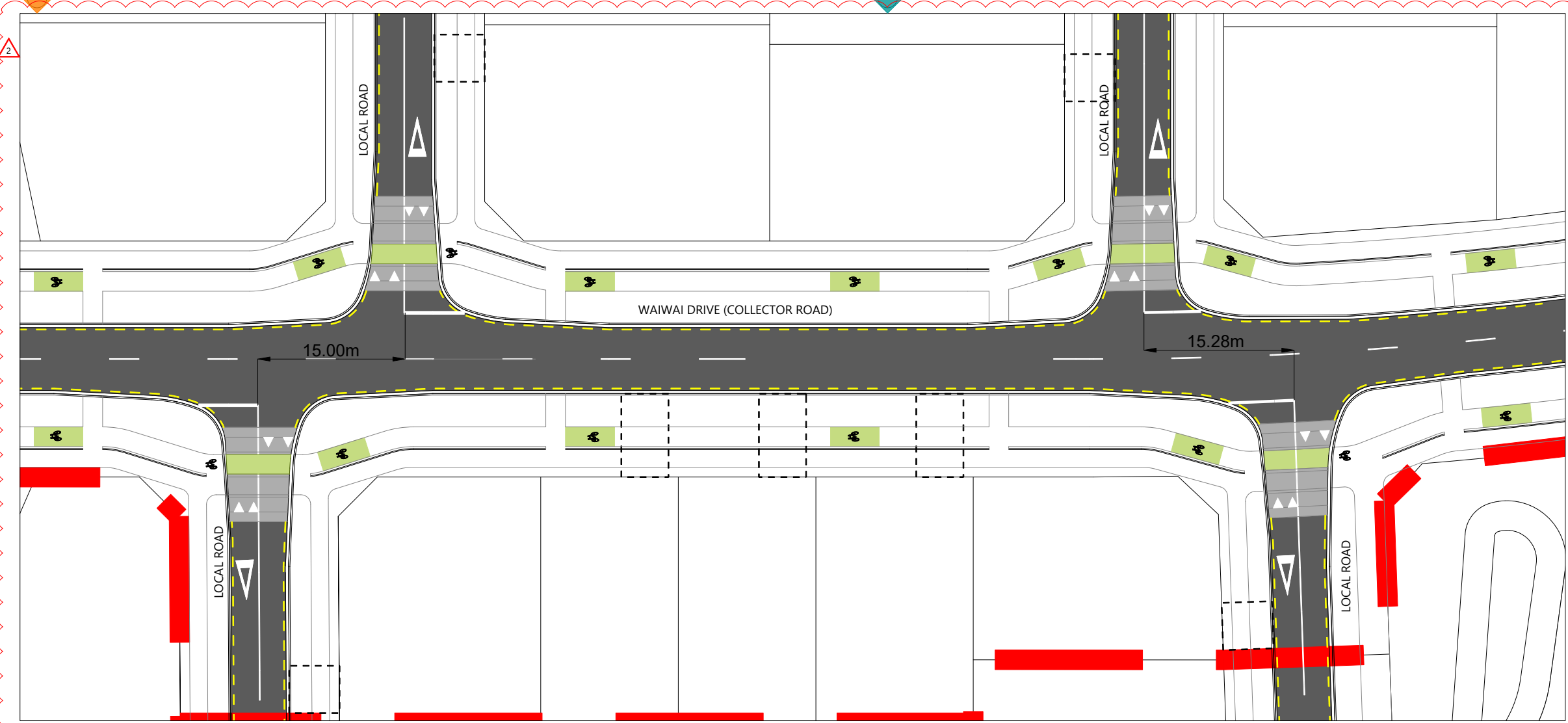
Plot Date: 4:22:20 pm,23 July 2025, TIMOTHYB



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



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 |
| 2 | ISSUED FOR CONSENT | TB | JULY 2025 |




















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

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

| | | |
|---------|--------------------|-----|
| STATUS | ISSUED FOR CONSENT | REV |
| SCALE | 1:500 @ A3 | 2 |
| COUNCIL | AUCKLAND COUNCIL | |
| DWG NO | P24-128-00-2047-RD | |

File: C:\125\ENERGY\DATA\WIP-PEN-APP-01\P24-128-MDL-FAST TRACK APPLICATION_2162702 DRAWINGS\01 ENG\P24-128-00-2046-RD-ROAD INTERSECTION TYPOLOGY AND TYPICAL DETAIL 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 (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 |
| 2 | ISSUED FOR CONSENT | TB | JULY 2025 |
| | | | |
| | | | |

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



N



MILLDALE
Connecting Lives & Places

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

| | | |
|---------|--------------------|-----|
| STATUS | ISSUED FOR CONSENT | REV |
| SCALE | 1:6000 @ A3 | 2 |
| COUNCIL | AUCKLAND COUNCIL | |
| DWG NO | P24-128-00-2050-RD | |

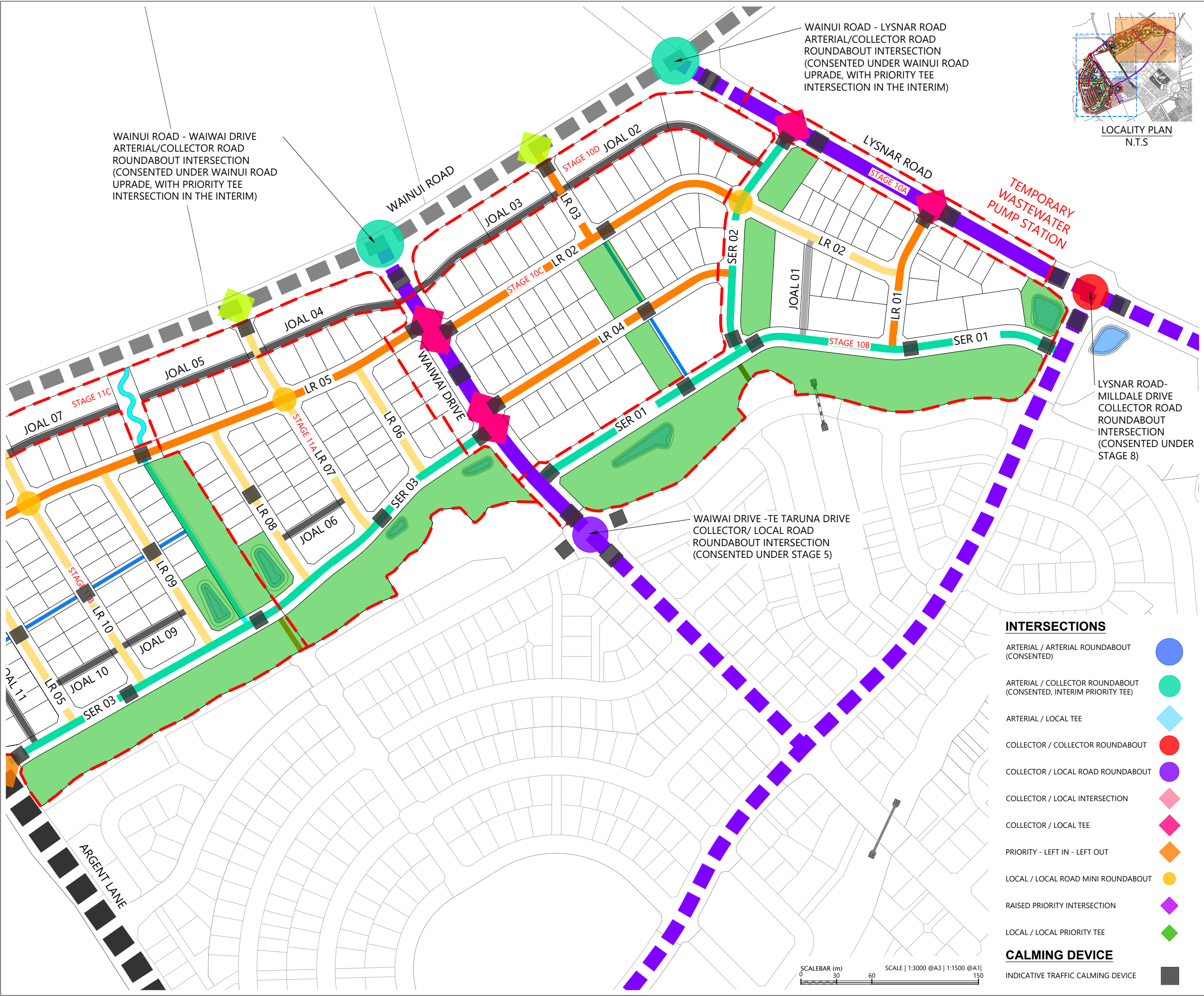
INTERSECTIONS

- 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

- INDICATIVE TRAFFIC CALMING DEVICE 

SCALEBAR (m) 0 60 120 300
SCALE | 1:6000 @A3 | 1:3000 @A1 |



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 |
| 2 | ISSUED FOR CONSENT | TB | JULY 2025 |

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

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

| | | |
|---------|--------------------|-----|
| STATUS | ISSUED FOR CONSENT | REV |
| SCALE | 1:3000 @ A3 | 2 |
| COUNCIL | AUCKLAND COUNCIL | |
| DWG NO | P24-128-00-2051-RD | |

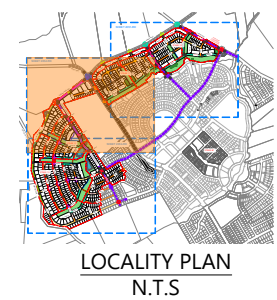
INTERSECTIONS

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

CALMING DEVICE

- INDICATIVE TRAFFIC CALMING DEVICE





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

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 |
| 2 | ISSUED FOR CONSENT | TB | JULY 2025 |

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

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

| | | |
|---------|--------------------|-----|
| STATUS | ISSUED FOR CONSENT | REV |
| SCALE | 1:3000 @ A3 | 2 |
| COUNCIL | AUCKLAND COUNCIL | |
| DWG NO | P24-128-00-2052-RD | |

INTERSECTIONS

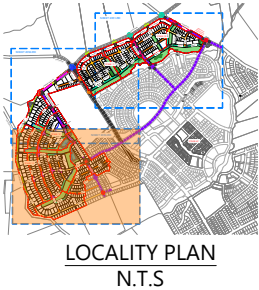
- ARTERIAL / ARTERIAL ROUNDABOUT
(CONSENTED)
- ARTERIAL / COLLECTOR ROUNDABOUT
(CONSENTED, INTERIM PRIORITY TEE)
- ARTERIAL / LOCAL TEE
- COLLECTOR / COLLECTOR ROUNDABOUT
- COLLECTOR / LOCAL ROAD ROUNDABOUT
- COLLECTOR / LOCAL INTERSECTION
- COLLECTOR / LOCAL TEE
- PRIORITY - LEFT IN - LEFT OUT
- LOCAL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

CALMING DEVICE

- INDICATIVE TRAFFIC CALMING DEVICE



Plot Date: 4:17:43 pm, 24 July 2025, MATTHEW WWA
File: C:\1205\DATA\WP-AKL-APP-02\P24-128 - MDL - FAST TRACK APPLICATION 21627\02 DRAWINGS\01 ENG\P24-128-00-2050-RD-ROAD TRAFFIC CALMING TYPOLOGY PLAN.DWG



CEMETERY ROAD

CEMETERY ROAD

CEMETERY ROAD

CEMETERY ROAD

CEMETERY ROAD

CEMETERY ROAD

CEMETERY ROAD

CEMETERY ROAD

CEMETERY ROAD

CEMETERY ROAD

CEMETERY ROAD

CEMETERY ROAD

CEMETERY ROAD

CEMETERY ROAD

CEMETERY ROAD

CEMETERY ROAD

CEMETERY ROAD

CEMETERY ROAD

CEMETERY ROAD

CEMETERY ROAD

CEMETERY ROAD

CEMETERY ROAD

CEMETERY ROAD

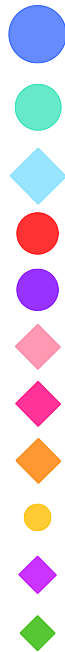
CEMETERY ROAD

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

INDICATIVE TRAFFIC CALMING DEVICE



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 |
| 2 | ISSUED FOR CONSENT | TB | JULY 2025 |

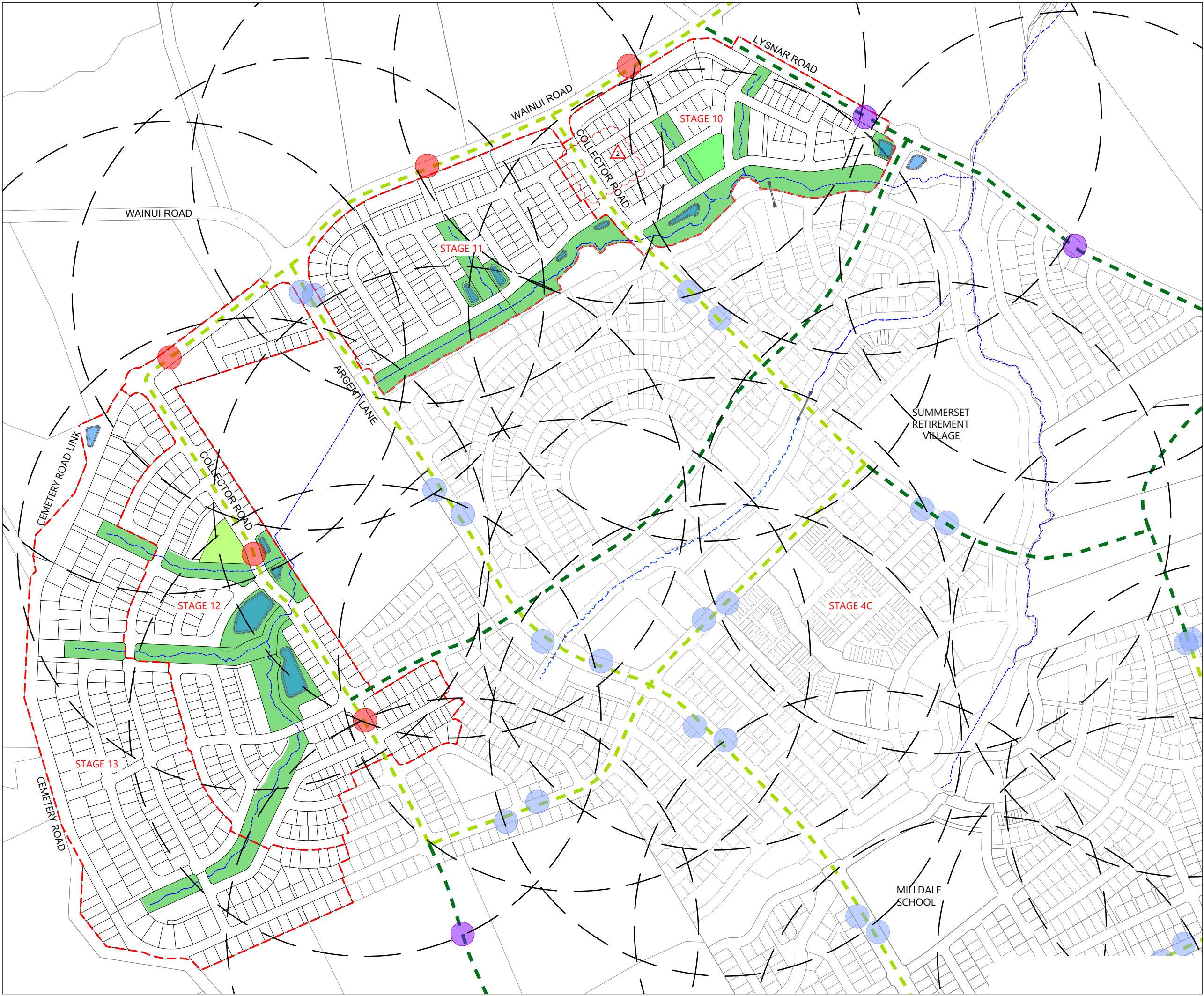
| | | |
|----------|-------|---|
| SURVEYED | WOODS | SIDWELL ROAD WAINUI AUCKLAND WOODS.CO.NZ |
| DESIGNED | AP | |
| DRAWN | AP | |
| CHECKED | AP | |
| APPROVED | JW | |

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

| | | |
|---------|--------------------|-----|
| STATUS | ISSUED FOR CONSENT | REV |
| SCALE | 1:3000 @ A3 | 2 |
| COUNCIL | AUCKLAND COUNCIL | |
| DWG NO | P24-128-00-2053-RD | |



Plot Date: 4:17:44 pm, 24 July 2025, MATTHEW W



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 |
| 2 | FOR CONSENT | TB | JULY 2025 |
| | | | |

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



N

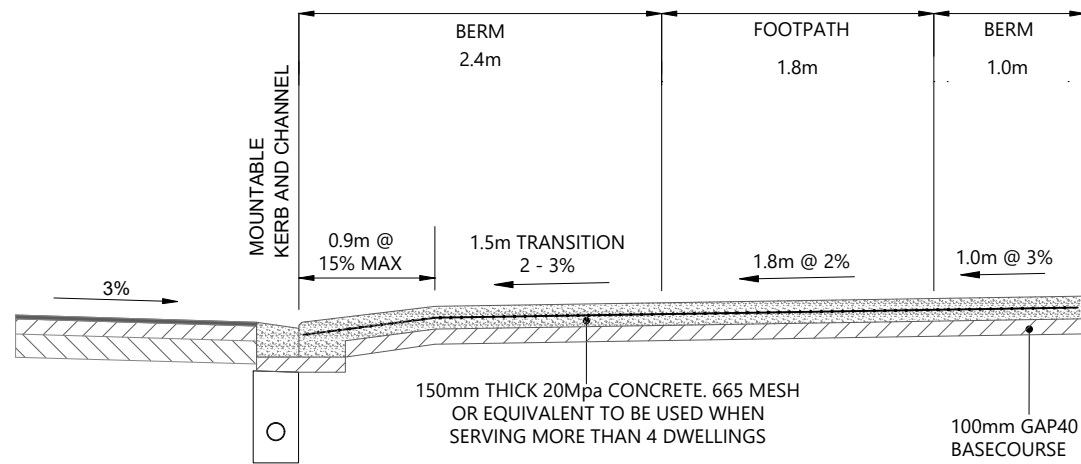


MILLDALE
Connecting Lives & Places

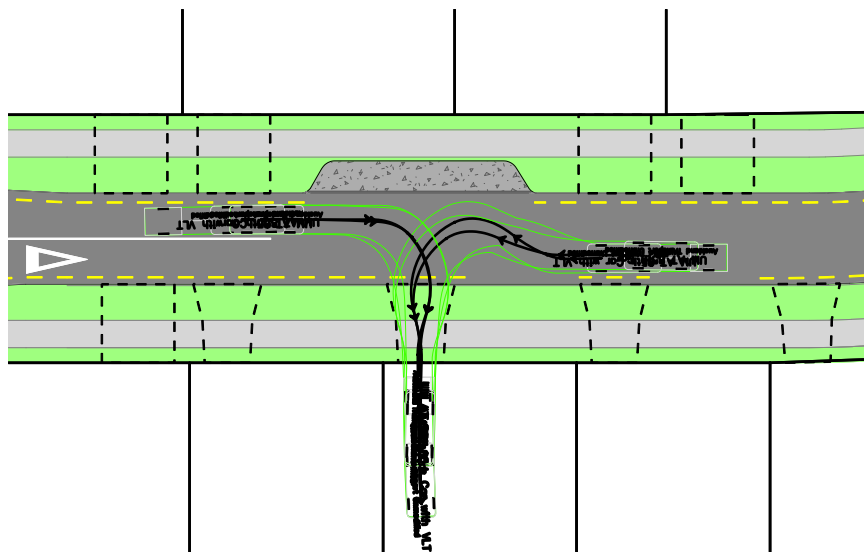
**MILLDALE
FAST TRACK
STAGES 10 - 13**

**PUBLIC TRANSPORT
NETWORK PLAN**

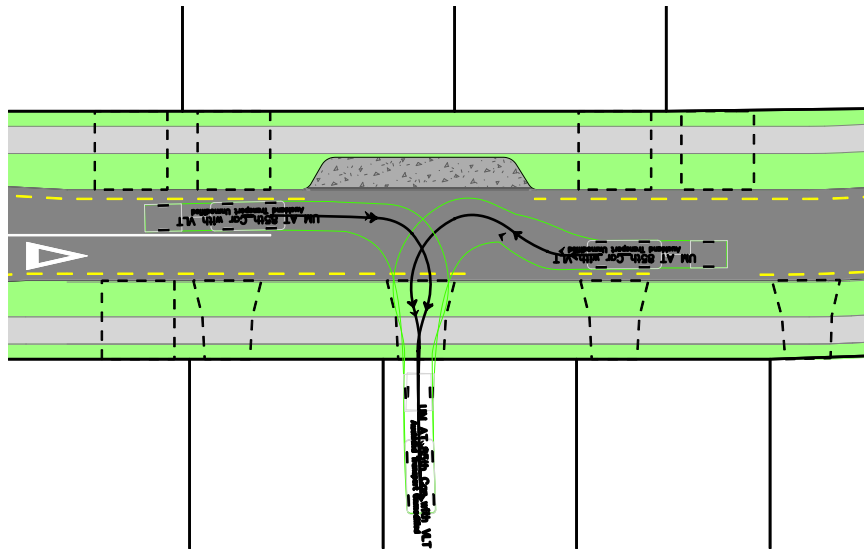
| | | |
|---------|--------------------|-----|
| STATUS | ISSUED FOR CONSENT | REV |
| SCALE | 1:6000 @ A3 | 2 |
| COUNCIL | AUCKLAND COUNCIL | |
| DWG NO | P24-128-00-2060-RD | |



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



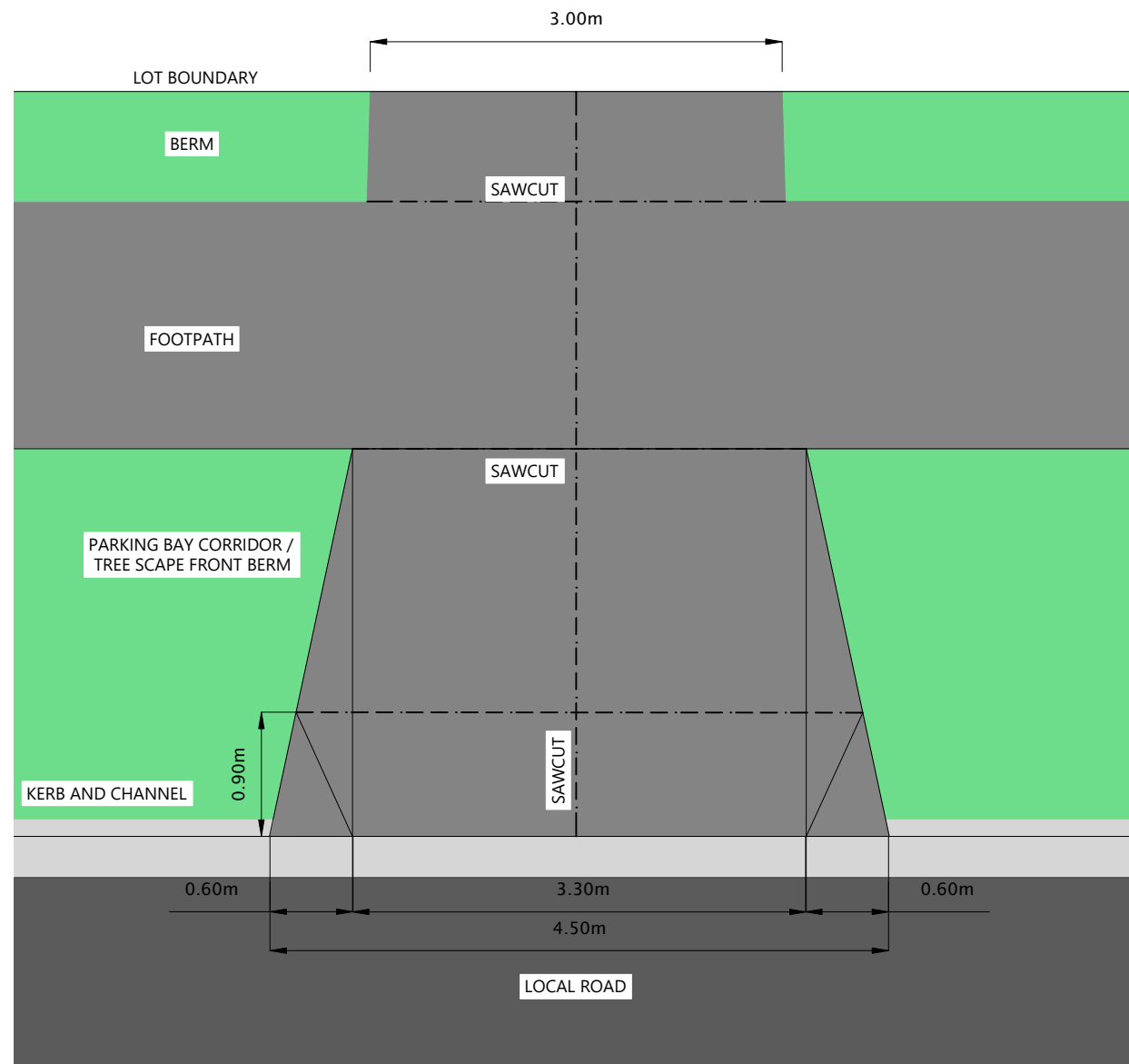
TYPICAL VEHICLE CROSSING - LOCAL ROAD TYPE A: CAR MOVEMENT
Scale: 1:500



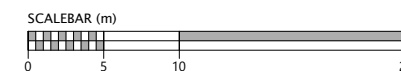
TYPICAL VEHICLE CROSSING - LOCAL ROAD TYPE A: CAR AND TRAILER MOVEMENT
Scale: 1:500

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.



VEHICLE CROSSING TYPE A TYPICAL DETAIL
Scale: 1:50



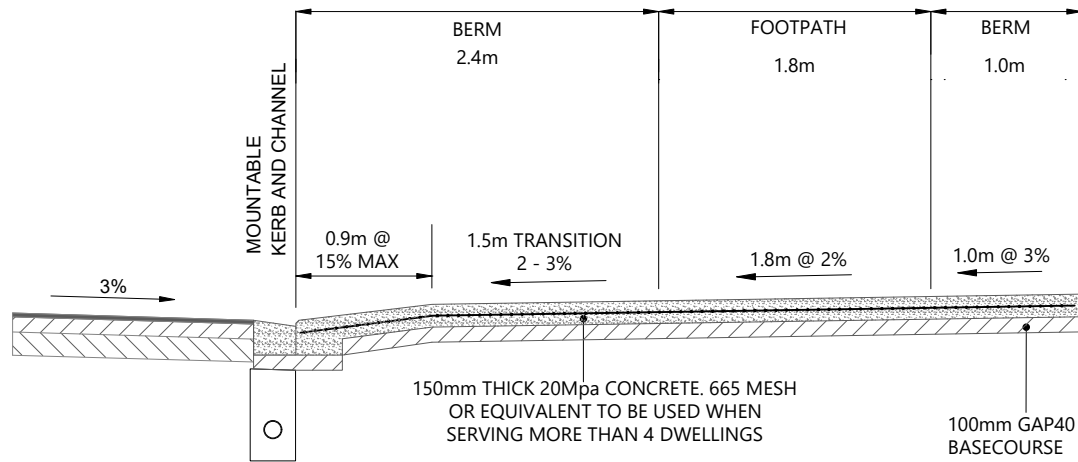
| REVISION DETAILS | | BY | DATE |
|------------------|--------------------|----|----------|
| 1 | ISSUED FOR CONSENT | AP | FEB 2025 |
| | | | |
| | | | |

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

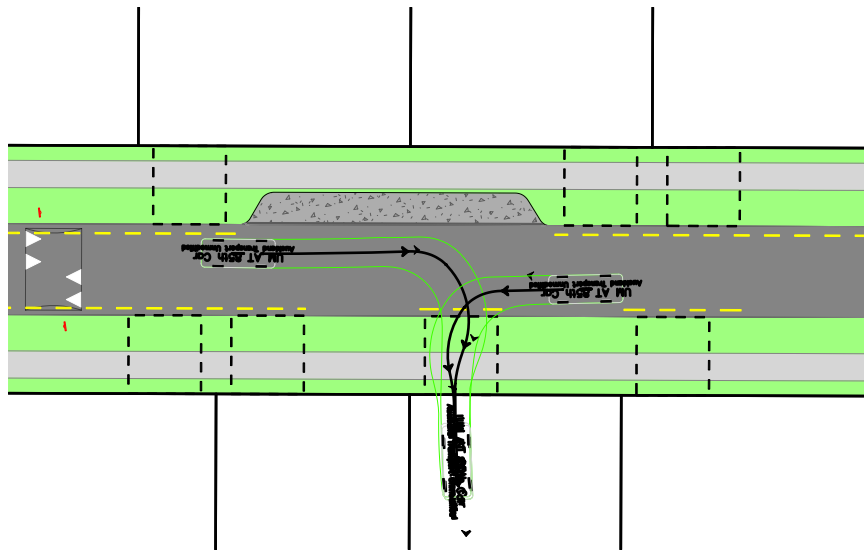
**MILLDALE
FAST TRACK
STAGES 10 - 13**

TYPICAL VEHICLE CROSSING
LOCAL ROAD TYPE A DETAILS

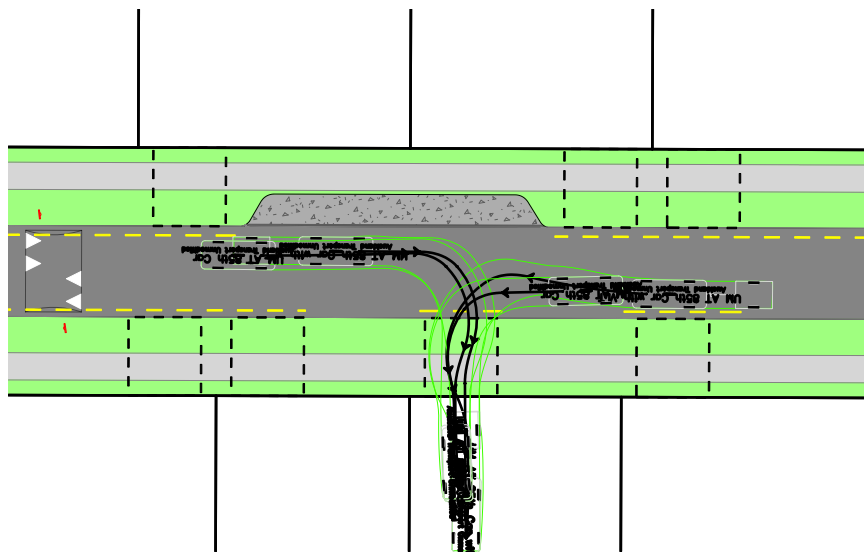
| | | |
|---------|--------------------|-----|
| STATUS | ISSUED FOR CONSENT | REV |
| SCALE | AS SHOWN | 1 |
| COUNCIL | AUCKLAND COUNCIL | |
| DWG NO | P24-128-00-2070-RD | |



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



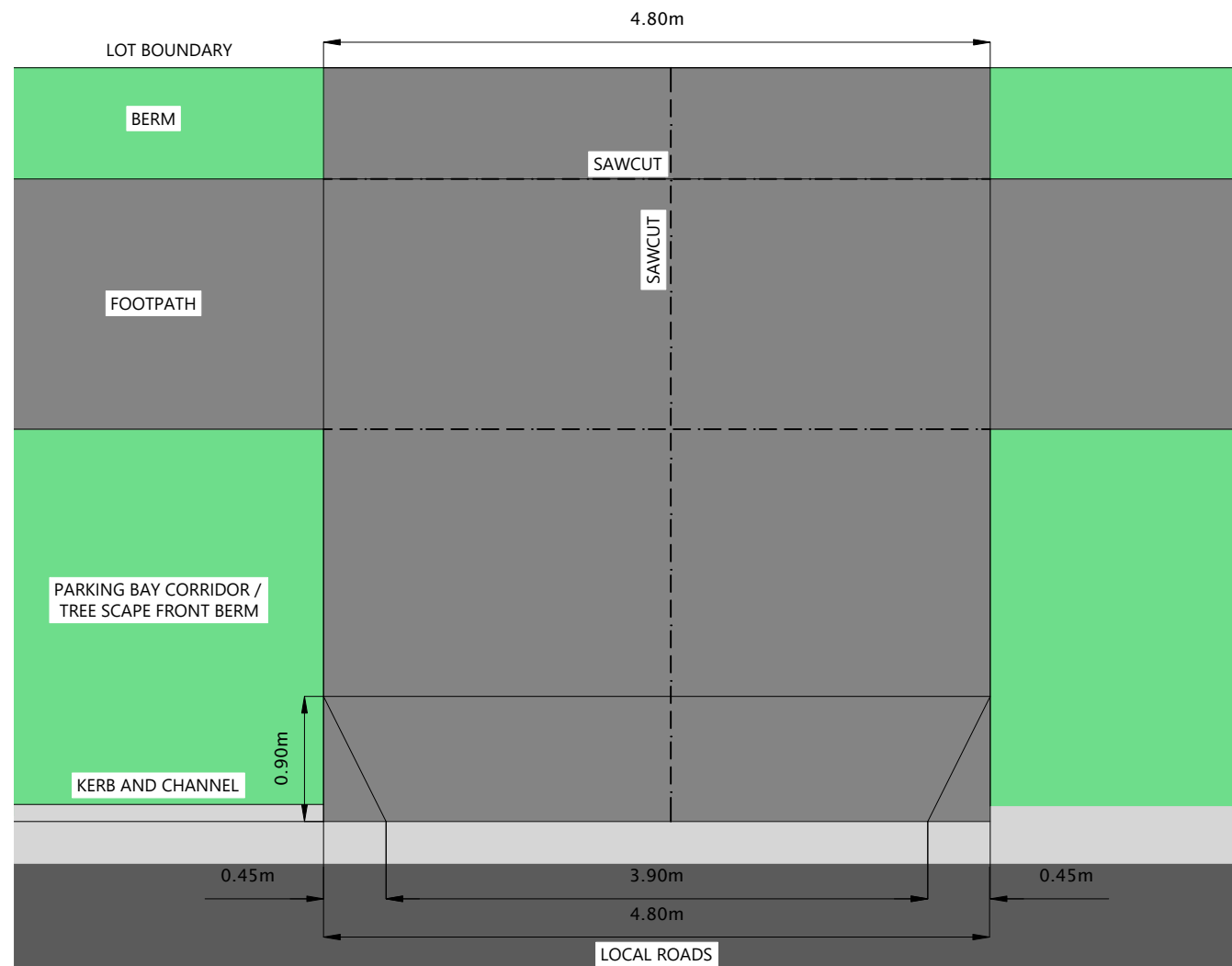
TYPICAL VEHICLE CROSSING - LOCAL ROAD TYPE B: CAR MOVEMENT
Scale: 1:500



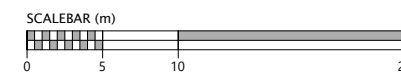
TYPICAL VEHICLE CROSSING - LOCAL ROAD TYPE B: CAR AND TRAILER MOVEMENT
Scale: 1:500

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.



VEHICLE CROSSING TYPE B TYPICAL DETAIL
Scale: 1:50



| REVISION DETAILS | | BY | DATE |
|------------------|--------------------|----|----------|
| 1 | ISSUED FOR CONSENT | AP | FEB 2025 |
| | | | |
| | | | |

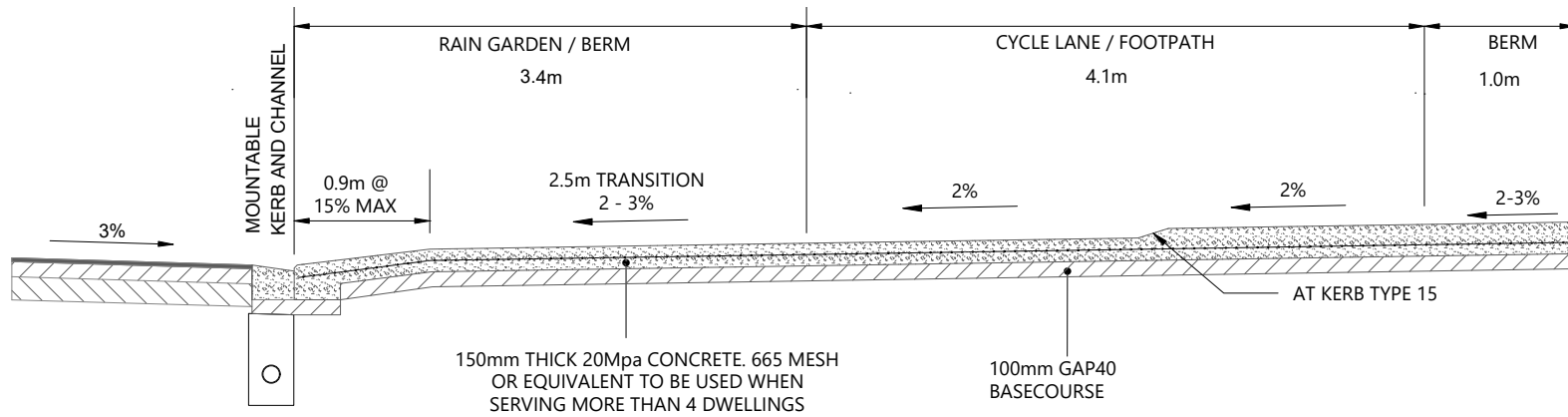
| | | |
|----------|-------|------------------------------------|
| SURVEYED | WOODS | SIDWELL ROAD WAINUI AUCKLAND |
| DESIGNED | AP | |
| DRAWN | AP | |
| CHECKED | AP | |
| APPROVED | JW | |
| | | WOODS.CO.NZ |



MILLDALE
FAST TRACK
STAGES 10 - 13

TYPICAL VEHICLE CROSSING
LOCAL ROAD TYPE B DETAILS

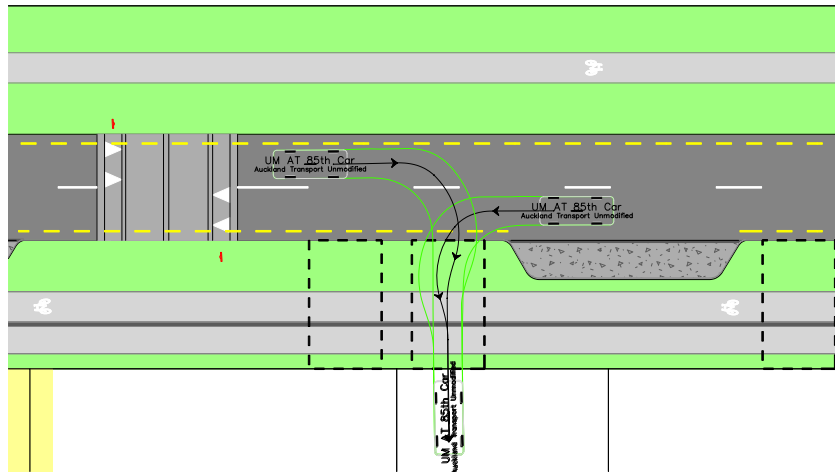
| | | |
|---------|--------------------|-----|
| STATUS | ISSUED FOR CONSENT | REV |
| SCALE | AS SHOWN | 1 |
| COUNCIL | AUCKLAND COUNCIL | |
| DWG NO | P24-128-00-2071-RD | |



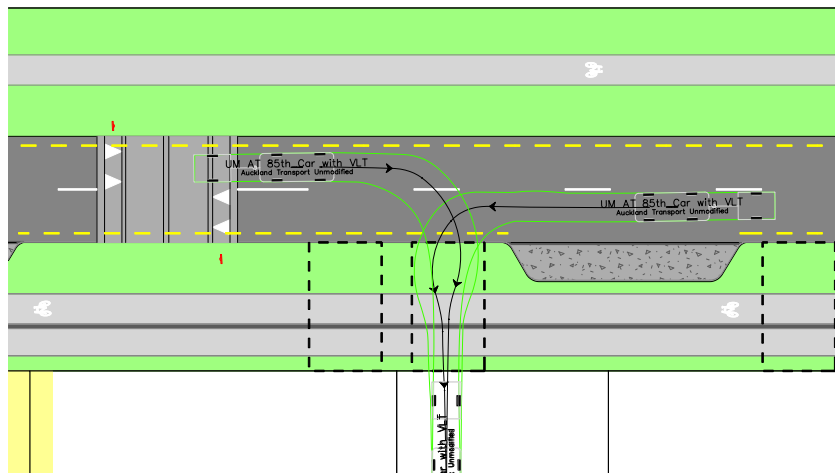
NOTES:

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.
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.

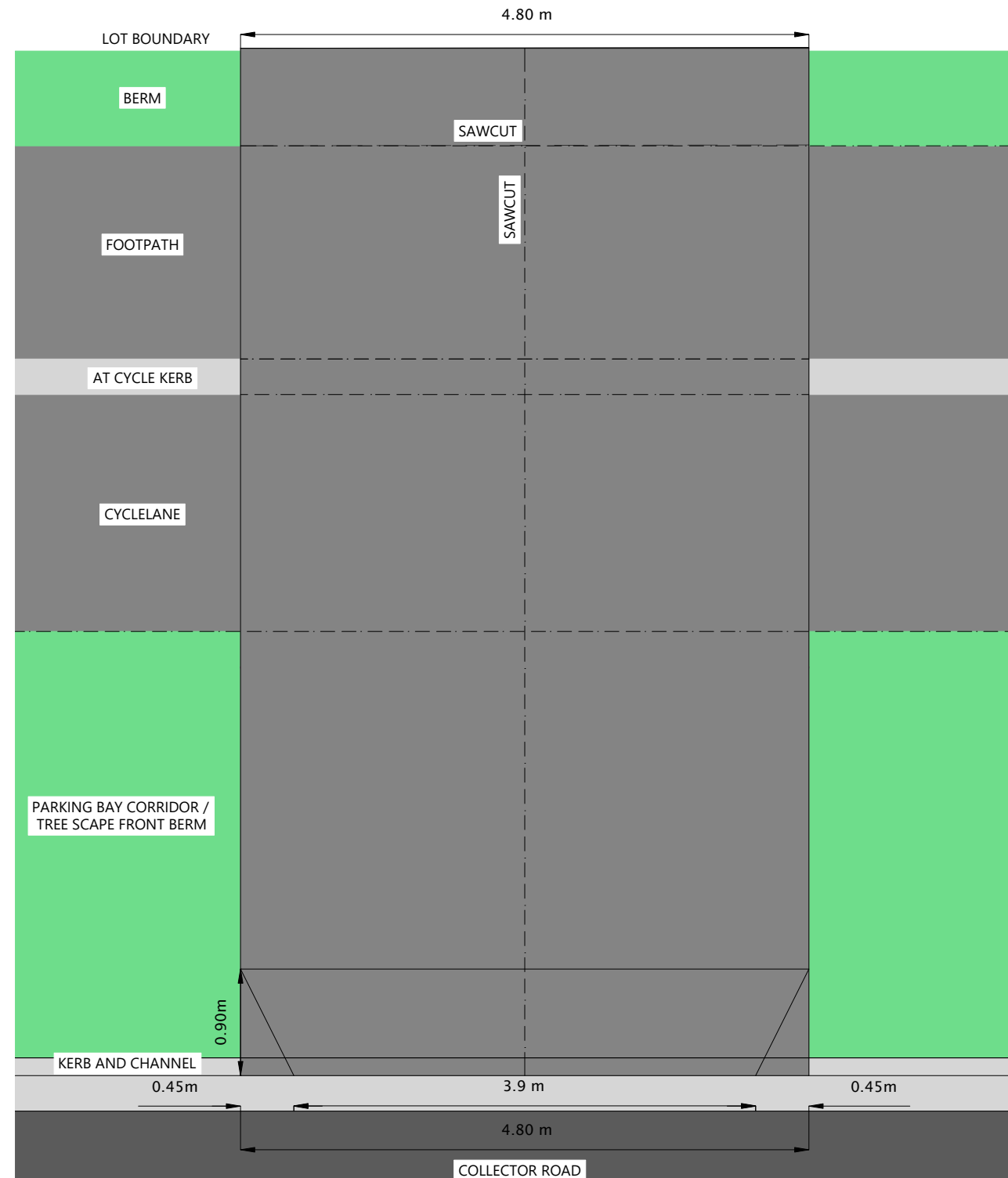
TYPICAL VEHICLE CROSSING TYPE C- COLLECTOR ROAD -SECTION
Scale: 1:50



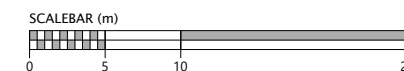
TYPICAL VEHICLE CROSSING - COLLECTOR ROAD TYPE C: CAR MOVEMENT
Scale: 1:500



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 | |
| | | WOODS.CO.NZ |



MILLDALE
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 | |



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



| | | |
|---------|--------------------|-----|
| 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 |
| 2 | ISSUED FOR CONSENT | TB | JULY 2025 |
| | | | |
| | | | |

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



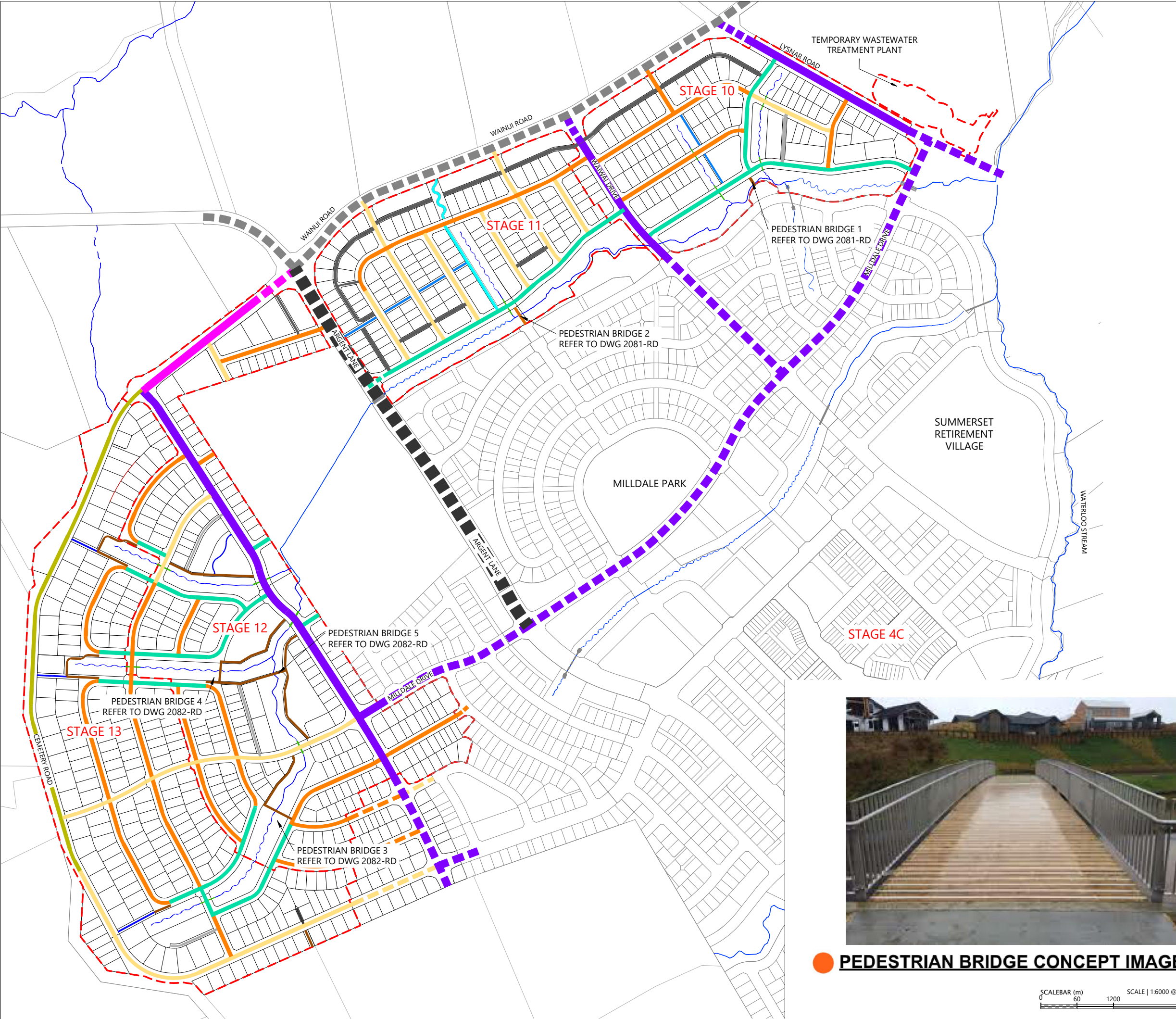


MILLDALE
Connecting Lives & Places

MILLDALE
FAST TRACK
STAGES 10 - 13

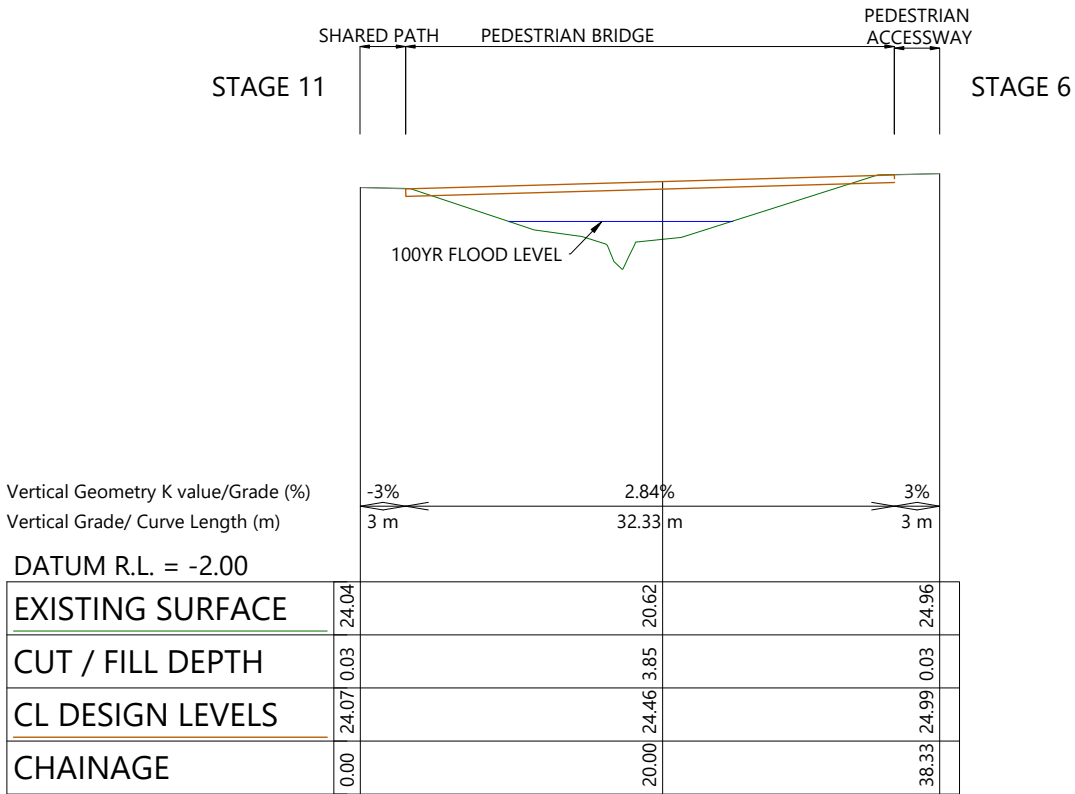
PEDESTRIAN BRIDGES
LOCATION PLAN

| | | |
|---------|--------------------|-----|
| STATUS | ISSUED FOR CONSENT | REV |
| SCALE | 1:6000 @ A3 | 2 |
| COUNCIL | AUCKLAND COUNCIL | |
| DWG NO | P24-128-00-2080-RD | |

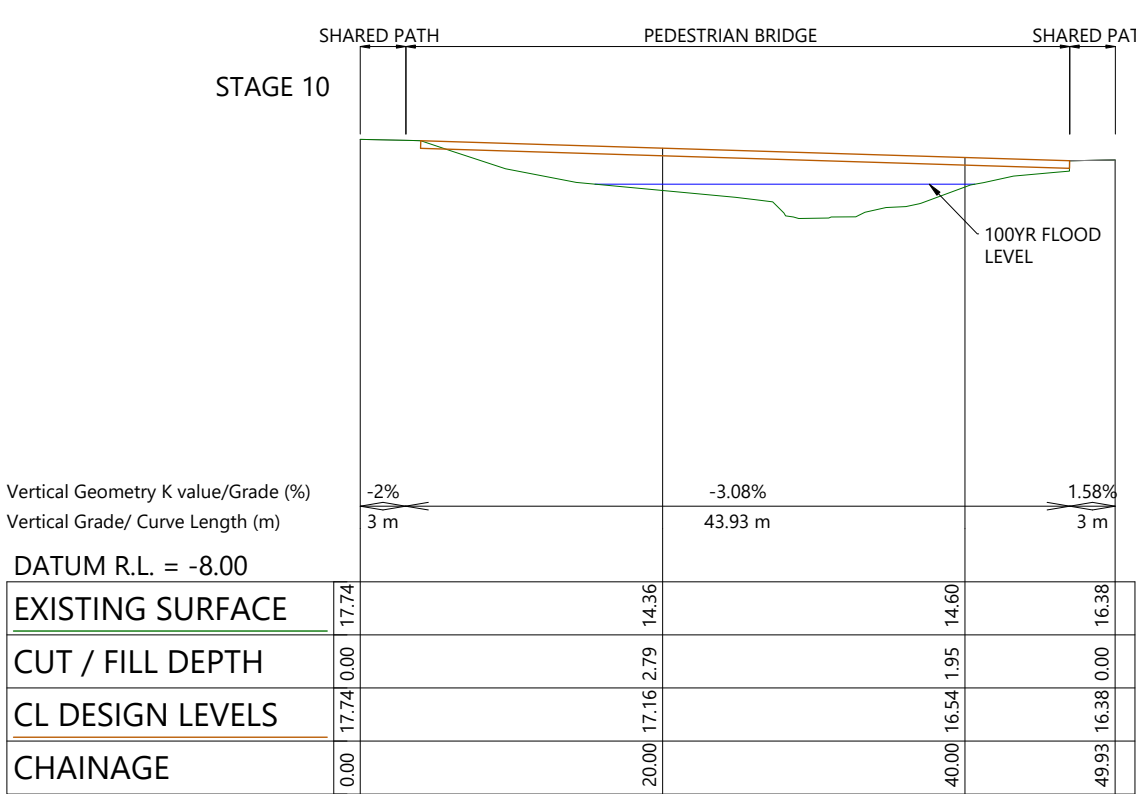


PEDESTRIAN BRIDGE CONCEPT IMAGE

SCALEBAR (m) 0 60 1200 SCALE | 1:6000 @A3 | 1:3000 @A1 | 300



PEDESTRIAN BRIDGE 1 LONGITUDINAL SECTION
SCALE: 1:500



PEDESTRIAN BRIDGE 2 LONGITUDINAL SECTION
SCALE: 1:500



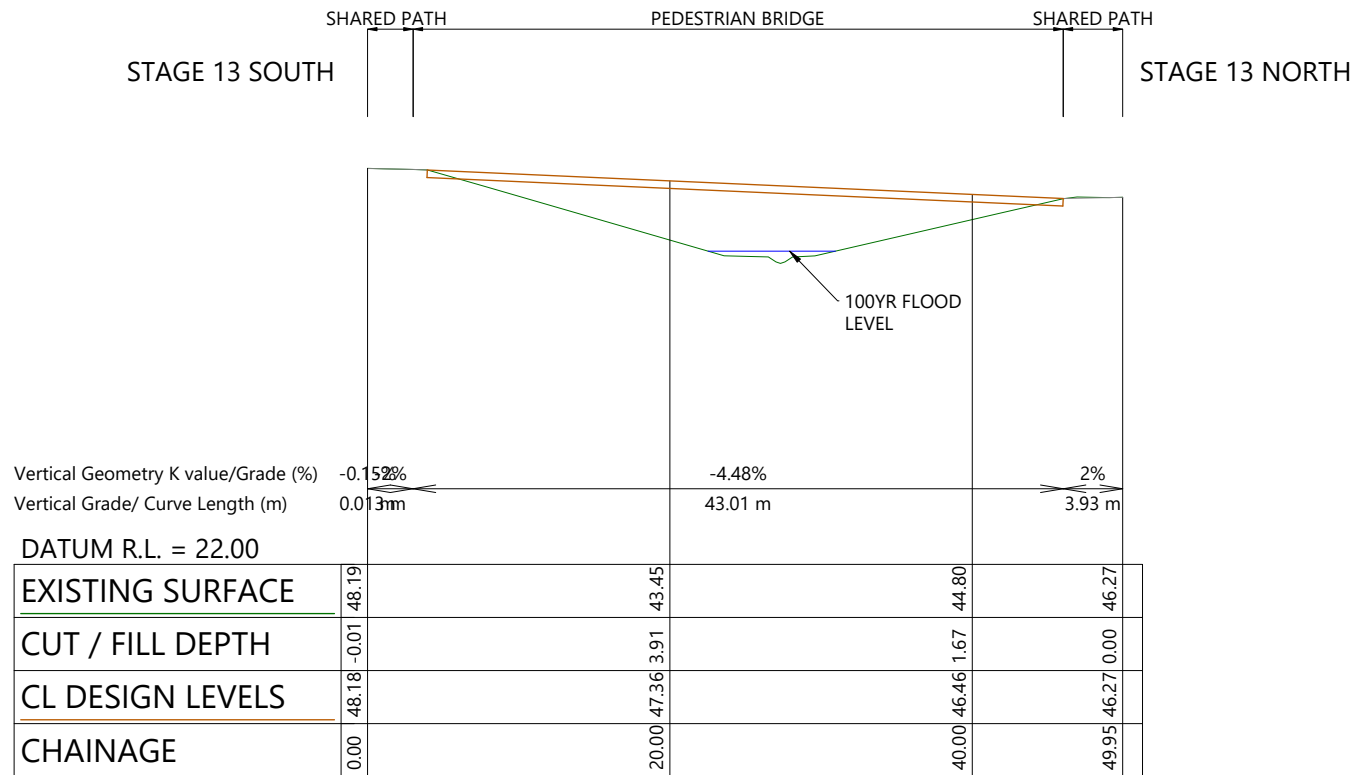
| REVISION DETAILS | | BY | DATE |
|------------------|------------------------|----|----------|
| 1 | ISSUED FOR INFORMATION | JW | FEB 2025 |
| | | | |
| | | | |

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

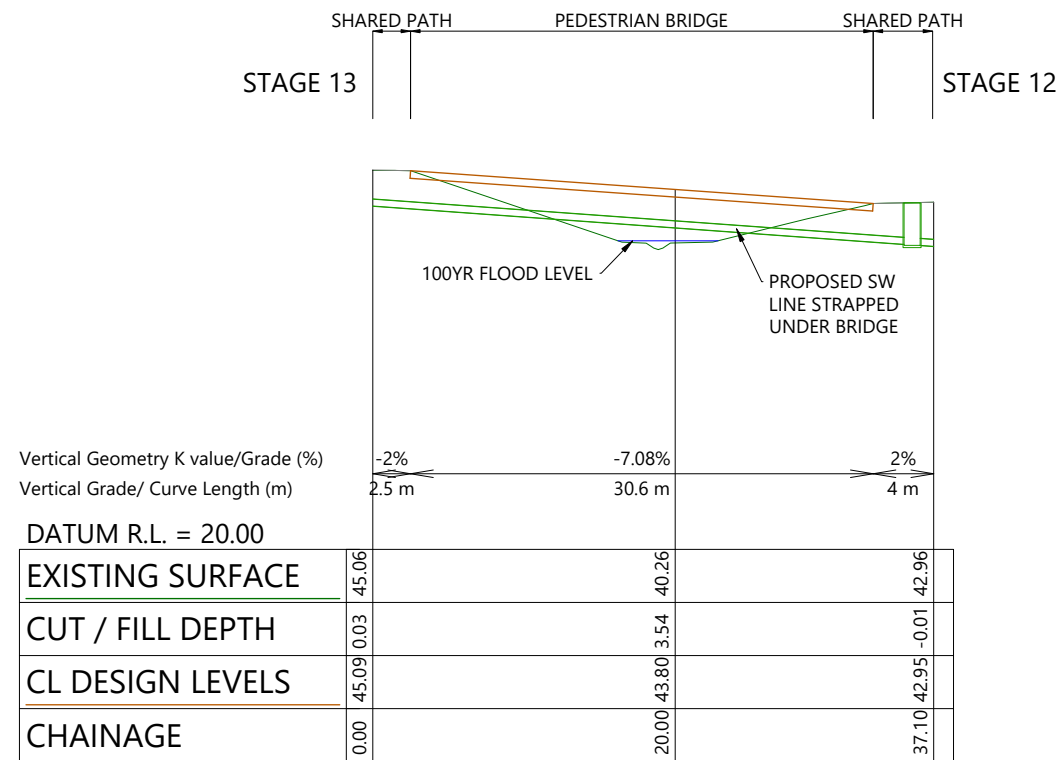
MILLDALE
FAST TRACK
STAGES 10 - 13

PEDESTRIAN BRIDGE
LONGSECTIONS
- SHEET 1

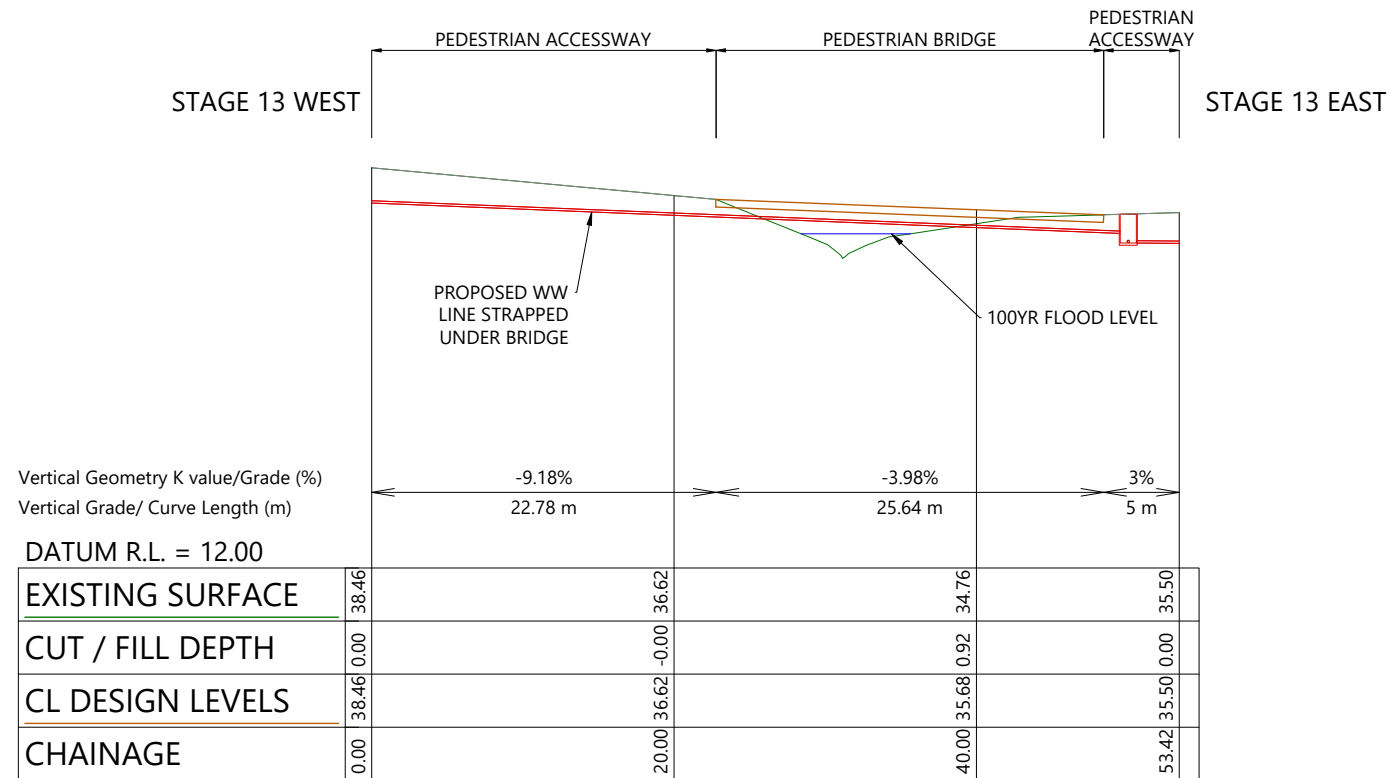
| | | |
|---------|--------------------|-----|
| STATUS | ISSUED FOR CONSENT | REV |
| SCALE | 1:500 @ A3 | 1 |
| COUNCIL | AUCKLAND COUNCIL | |
| DWG NO | P24-128-00-2081-RD | |



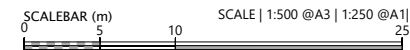
PEDESTRIAN BRIDGE 3 LONGITUDINAL SECTION
SCALE: 1:500



PEDESTRIAN BRIDGE 4 LONGITUDINAL SECTION
SCALE: 1:500



PEDESTRIAN BRIDGE 5 LONGITUDINAL SECTION
SCALE: 1:500



| REVISION DETAILS | | BY | DATE |
|------------------|------------------------|----|-----------|
| 1 | ISSUED FOR INFORMATION | JW | FEB 2025 |
| 2 | ISSUED FOR CONSENT | TB | JULY 2025 |
| | | | |
| | | | |

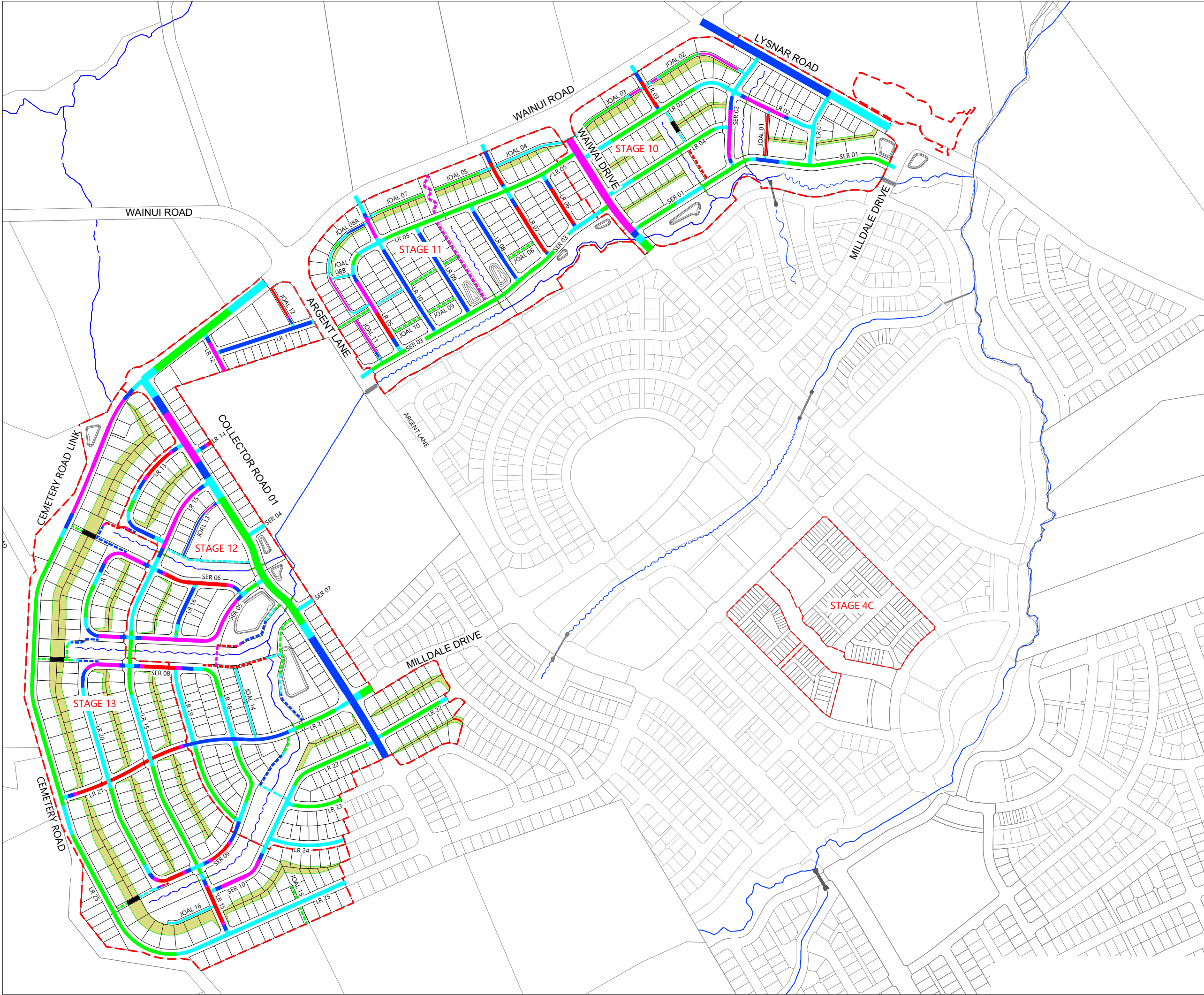
| | | |
|----------|-------|------------------------------------|
| SURVEYED | WOODS | SIDWELL ROAD WAINUI AUCKLAND |
| DESIGNED | WOODS | |
| DRAWN | MW | |
| CHECKED | JW | |
| APPROVED | JW | WOODS.CO.NZ |



MILLDALE
FAST TRACK
STAGES 10 - 13

PEDESTRIAN BRIDGE
LONGSECTIONS-
SHEET 2

| | | |
|---------|--------------------|-----|
| STATUS | ISSUED FOR CONSENT | REV |
| SCALE | 1:500 @ A3 | 2 |
| 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 |
| 2 | ISSUED FOR CONSENT | TB | JULY 2025 |

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



MILLDALE
FAST TRACK
STAGES 10 - 13

OVERALL ROAD GRADIENT PLAN

| | | |
|---------|--------------------|-----|
| STATUS | ISSUED FOR CONSENT | REV |
| SCALE | 1:6000 @ A3 | 2 |
| COUNCIL | AUCKLAND COUNCIL | |
| DWG NO | P24-128-00-2090-RD | |