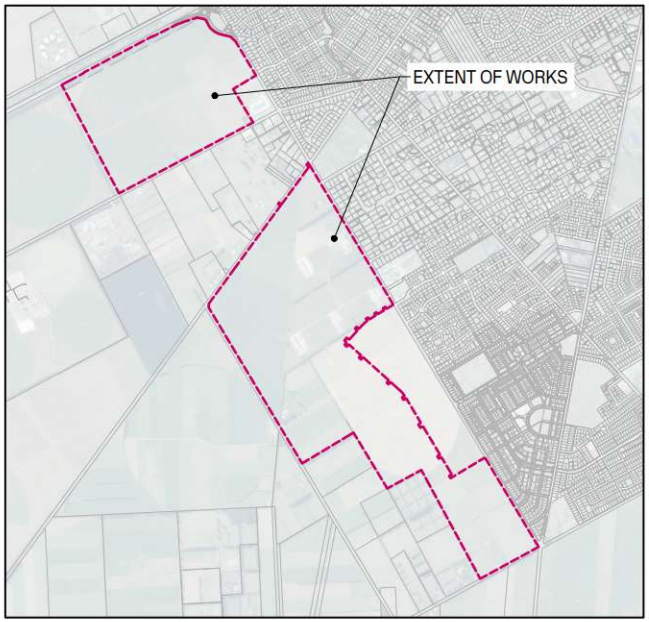
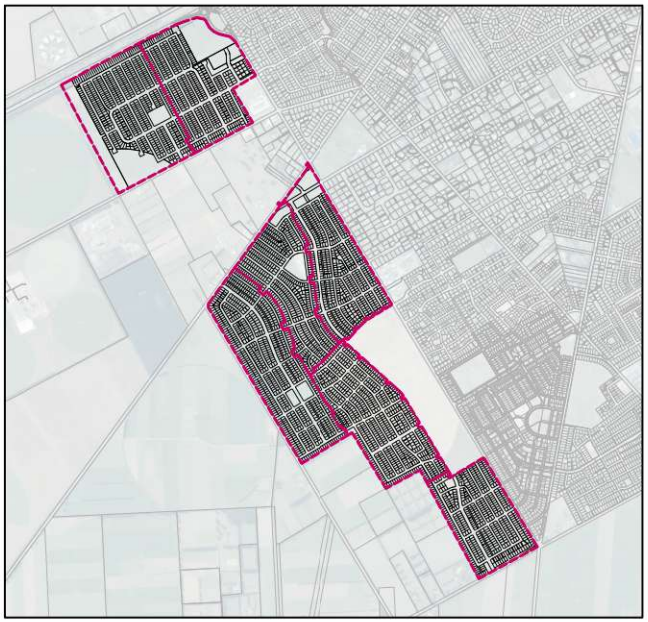
CARTER GROUP

INOVO
Level 1, 93 Manchester St, Christchurch 8011
Ph. 03 377 3290
Level 1, Shed 19, Princess Wharf, Auckland 1010
Ph. 09 600 1099
www.inovo.nz







WESTHAVEN
FAST TRACK

INOVO PROJECT NO.: 16521

ISSUE DATE: 2/NOV/2026

ISSUED FOR: FAST TRACK APPLICATION

DRAWING NO.	DRAWING TITLE	REV	DATE
16521-00-EN-0001	DRAWINGS INDEX	A	2/11/2026
16521-00-EN-1500	EXISTING SERVICES OVERVIEW PLAN	A	2/11/2026
16521-00-EN-1501	EXISTING SERVICES PLAN - SHEET 1 OF 4	A	2/11/2026
16521-00-EN-1502	EXISTING SERVICES PLAN - SHEET 2 OF 4	A	2/11/2026
16521-00-EN-1503	EXISTING SERVICES PLAN - SHEET 3 OF 4	A	2/11/2026
16521-00-EN-1504	EXISTING SERVICES PLAN - SHEET 4 OF 4	A	2/11/2026
16521-00-EN-1550	WATERWAY OVERVIEW PLAN	A	2/11/2026
16521-00-EN-2000	EXISTING CONTOURS OVERVIEW PLAN	A	2/11/2026
16521-00-EN-2001	EXISTING CONTOURS PLAN - SHEET 1 OF 4	A	2/11/2026
16521-00-EN-2002	EXISTING CONTOURS PLAN - SHEET 2 OF 4	A	2/11/2026
16521-00-EN-2003	EXISTING CONTOURS PLAN - SHEET 3 OF 4	A	2/11/2026
16521-00-EN-2004	EXISTING CONTOURS PLAN - SHEET 4 OF 4	A	2/11/2026
16521-00-EN-2050	PROPOSED CONTOURS OVERVIEW PLAN	A	2/11/2026
16521-00-EN-2051	PROPOSED CONTOURS PLAN - SHEET 1 OF 4	A	2/11/2026
16521-00-EN-2052	PROPOSED CONTOURS PLAN - SHEET 2 OF 4	A	2/11/2026
16521-00-EN-2053	PROPOSED CONTOURS PLAN - SHEET 3 OF 4	A	2/11/2026
16521-00-EN-2054	PROPOSED CONTOURS PLAN - SHEET 4 OF 4	A	2/11/2026
16521-00-EN-2100	CUT / FILL OVERVIEW PLAN	A	2/11/2026
16521-00-EN-2101	CUT / FILL PLAN - SHEET 1 OF 4	A	2/11/2026
16521-00-EN-2102	CUT / FILL PLAN - SHEET 2 OF 4	A	2/11/2026
16521-00-EN-2103	CUT / FILL PLAN - SHEET 3 OF 4	A	2/11/2026
16521-00-EN-2104	CUT / FILL PLAN - SHEET 4 OF 4	A	2/11/2026
16521-00-EN-2600	EROSION AND SEDIMENT CONTROL OVERVIEW PLAN	A	2/11/2026
16521-00-EN-2601	EROSION AND SEDIMENT CONTROL PLAN - SHEET 1 OF 4	A	2/11/2026
16521-00-EN-2602	EROSION AND SEDIMENT CONTROL PLAN - SHEET 2 OF 4	A	2/11/2026
16521-00-EN-2603	EROSION AND SEDIMENT CONTROL PLAN - SHEET 3 OF 4	A	2/11/2026
16521-00-EN-2604	EROSION AND SEDIMENT CONTROL PLAN - SHEET 4 OF 4	A	2/11/2026
16521-00-EN-3000	ROADING OVERVIEW PLAN	A	2/11/2026
16521-00-EN-3001	ROADING PLAN - SHEET 1 OF 12	A	2/11/2026
16521-00-EN-3002	ROADING PLAN - SHEET 2 OF 12	A	2/11/2026
16521-00-EN-3003	ROADING PLAN - SHEET 3 OF 12	A	2/11/2026
16521-00-EN-3004	ROADING PLAN - SHEET 4 OF 12	A	2/11/2026
16521-00-EN-3005	ROADING PLAN - SHEET 5 OF 12	A	2/11/2026
16521-00-EN-3006	ROADING PLAN - SHEET 6 OF 12	A	2/11/2026
16521-00-EN-3007	ROADING PLAN - SHEET 7 OF 12	A	2/11/2026
16521-00-EN-3008	ROADING PLAN - SHEET 8 OF 12	A	2/11/2026
16521-00-EN-3009	ROADING PLAN - SHEET 9 OF 12	A	2/11/2026
16521-00-EN-3010	ROADING PLAN - SHEET 10 OF 12	A	2/11/2026
16521-00-EN-3011	ROADING PLAN - SHEET 11 OF 12	A	2/11/2026
16521-00-EN-3012	ROADING PLAN - SHEET 12 OF 12	A	2/11/2026
16521-00-EN-3050	ROADING HIERARCHY AND PEDESTRIAN SHARED PATH OVERVIEW PLAN	A	2/11/2026
16521-00-EN-3051	ROADING HIERARCHY AND PEDESTRIAN SHARED PATH PLAN - SHEET 1 OF 12	A	2/11/2026
16521-00-EN-3052	ROADING HIERARCHY AND PEDESTRIAN SHARED PATH PLAN - SHEET 2 OF 12	A	2/11/2026
16521-00-EN-3053	ROADING HIERARCHY AND PEDESTRIAN SHARED PATH PLAN - SHEET 3 OF 12	A	2/11/2026
16521-00-EN-3054	ROADING HIERARCHY AND PEDESTRIAN SHARED PATH PLAN - SHEET 4 OF 12	A	2/11/2026
16521-00-EN-3055	ROADING HIERARCHY AND PEDESTRIAN SHARED PATH PLAN - SHEET 5 OF 12	A	2/11/2026
16521-00-EN-3056	ROADING HIERARCHY AND PEDESTRIAN SHARED PATH PLAN - SHEET 6 OF 12	A	2/11/2026
16521-00-EN-3057	ROADING HIERARCHY AND PEDESTRIAN SHARED PATH PLAN - SHEET 7 OF 12	A	2/11/2026
16521-00-EN-3058	ROADING HIERARCHY AND PEDESTRIAN SHARED PATH PLAN - SHEET 8 OF 12	A	2/11/2026
16521-00-EN-3059	ROADING HIERARCHY AND PEDESTRIAN SHARED PATH PLAN - SHEET 9 OF 12	A	2/11/2026
16521-00-EN-3060	ROADING HIERARCHY AND PEDESTRIAN SHARED PATH PLAN - SHEET 10 OF 12	A	2/11/2026
16521-00-EN-3061	ROADING HIERARCHY AND PEDESTRIAN SHARED PATH PLAN - SHEET 11 OF 12	A	2/11/2026
16521-00-EN-3062	ROADING HIERARCHY AND PEDESTRIAN SHARED PATH PLAN - SHEET 12 OF 12	A	2/11/2026

DRAWING NO.	DRAWING TITLE	REV	DATE
16521-00-EN-3300	ROADING TYPICAL SECTIONS - SHEET 1 OF 9	A	2/11/2026
16521-00-EN-3301	ROADING TYPICAL SECTIONS - SHEET 2 OF 9	A	2/11/2026
16521-00-EN-3302	ROADING TYPICAL SECTIONS - SHEET 3 OF 9	A	2/11/2026
16521-00-EN-3303	ROADING TYPICAL SECTIONS - SHEET 4 OF 9	A	2/11/2026
16521-00-EN-3304	ROADING TYPICAL SECTIONS - SHEET 5 OF 9	A	2/11/2026
16521-00-EN-3305	ROADING TYPICAL SECTIONS - SHEET 6 OF 9	A	2/11/2026
16521-00-EN-3306	ROADING TYPICAL SECTIONS - SHEET 7 OF 9	A	2/11/2026
16521-00-EN-3307	ROADING TYPICAL SECTIONS - SHEET 8 OF 9	A	2/11/2026
16521-00-EN-3308	ROADING TYPICAL SECTIONS - SHEET 9 OF 9	A	2/11/2026
16521-00-EN-3700	ROADING INTERSECTION OVERVIEW PLAN	A	2/11/2026
16521-00-EN-3701	ROADING INTERSECTION PLAN - SHEET 1 OF 12	A	2/11/2026
16521-00-EN-3702	ROADING INTERSECTION PLAN - SHEET 2 OF 12	A	2/11/2026
16521-00-EN-3703	ROADING INTERSECTION PLAN - SHEET 3 OF 12	A	2/11/2026
16521-00-EN-3704	ROADING INTERSECTION PLAN - SHEET 4 OF 12	A	2/11/2026
16521-00-EN-3705	ROADING INTERSECTION PLAN - SHEET 5 OF 12	A	2/11/2026
16521-00-EN-3706	ROADING INTERSECTION PLAN - SHEET 6 OF 12	A	2/11/2026
16521-00-EN-3707	ROADING INTERSECTION PLAN - SHEET 7 OF 12	A	2/11/2026
16521-00-EN-3708	ROADING INTERSECTION PLAN - SHEET 8 OF 12	A	2/11/2026
16521-00-EN-3709	ROADING INTERSECTION PLAN - SHEET 9 OF 12	A	2/11/2026
16521-00-EN-3710	ROADING INTERSECTION PLAN - SHEET 10 OF 12	A	2/11/2026
16521-00-EN-3711	ROADING INTERSECTION PLAN - SHEET 11 OF 12	A	2/11/2026
16521-00-EN-3712	ROADING INTERSECTION PLAN - SHEET 12 OF 12	A	2/11/2026
16521-00-EN-4530	STORMWATER DETAILS	A	2/11/2026
16521-00-EN-5000	WASTEWATER AND WATERMAIN OVERVIEW PLAN	A	2/11/2026
16521-00-EN-5001	WASTEWATER AND WATERMAIN PLAN - SHEET 1 OF 12	A	2/11/2026
16521-00-EN-5002	WASTEWATER AND WATERMAIN PLAN - SHEET 2 OF 12	A	2/11/2026
16521-00-EN-5003	WASTEWATER AND WATERMAIN PLAN - SHEET 3 OF 12	A	2/11/2026
16521-00-EN-5004	WASTEWATER AND WATERMAIN PLAN - SHEET 4 OF 12	A	2/11/2026
16521-00-EN-5005	WASTEWATER AND WATERMAIN PLAN - SHEET 5 OF 12	A	2/11/2026
16521-00-EN-5006	WASTEWATER AND WATERMAIN PLAN - SHEET 6 OF 12	A	2/11/2026
16521-00-EN-5007	WASTEWATER AND WATERMAIN PLAN - SHEET 7 OF 12	A	2/11/2026
16521-00-EN-5008	WASTEWATER AND WATERMAIN PLAN - SHEET 8 OF 12	A	2/11/2026
16521-00-EN-5009	WASTEWATER AND WATERMAIN PLAN - SHEET 9 OF 12	A	2/11/2026
16521-00-EN-5010	WASTEWATER AND WATERMAIN PLAN - SHEET 10 OF 12	A	2/11/2026
16521-00-EN-5011	WASTEWATER AND WATERMAIN PLAN - SHEET 11 OF 12	A	2/11/2026
16521-00-EN-5012	WASTEWATER AND WATERMAIN PLAN - SHEET 12 OF 12	A	2/11/2026

CLIENT: CARTER GROUP

PROJECT:
WESTHAVEN
FAST TRACK

DRAWING TITLE:
DRAWINGS INDEX

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

SURVEYED	-	-
DESIGNED	ARA	02/11/2026
DRAWN	ARA	02/11/2026
REVIEWED	MP	02/11/2026
APPROVED	MP	02/11/2026

SCALE	NOT TO SCALE	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION	A
DWG NO	16521-00-EN-0001	

Synergy Version:

Plot Date: 955:50 am,2 November 2026,KIM CHEN

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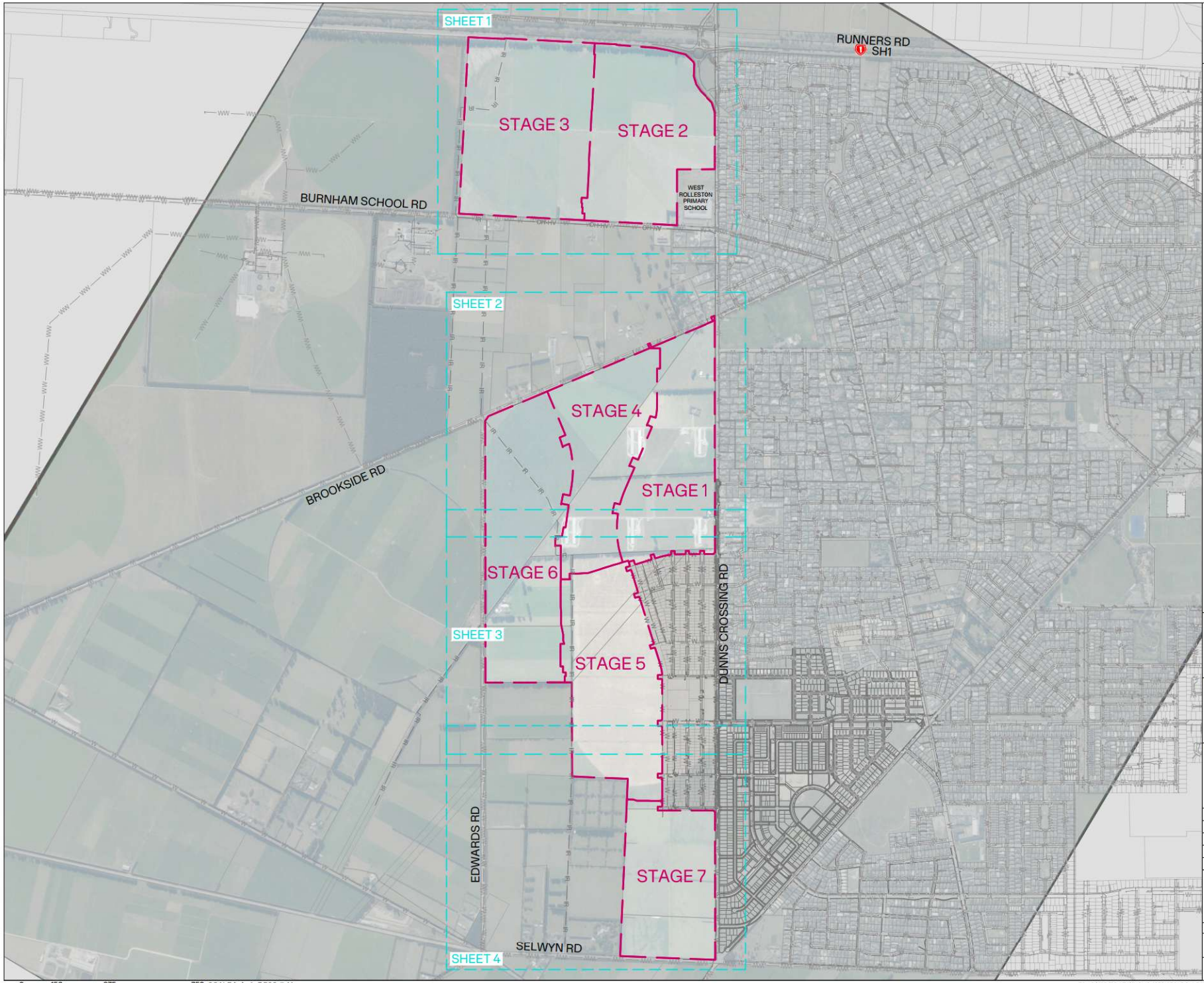

INOVO

NOTES:

1. ALL DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES, UNLESS OTHERWISE NOTED.
2. COORDINATES IN TERMS OF NZGD2000 MT PLEASANT CIRCUIT.
3. ALL BOUNDARY INFORMATION SUBJECT TO CONFIRMATION BY SURVEY.
4. ALL DRAWINGS TO BE READ AS A COMPLETE SET. ANY DISCREPANCIES TO BE REFERRED TO THE ENGINEER FOR CLARIFICATION.
5. ALL WORKS TO BE IN ACCORDANCE WITH THE SDC ECOP.
6. ANY INSTRUCTIONS RECEIVED FROM COUNCIL OR OTHER AUTHORITIES MUST BE CONFIRMED WITH THE ENGINEER.
7. ALL EXISTING SERVICES ARE TO BE LOCATED, IDENTIFIED AND PROTECTED BY THE CONTRACTOR PRIOR TO COMMENCING EARTHWORKS.
8. THE AERIAL IMAGERY IN THE BACKGROUND IS SOURCED FROM LINZ DATA SERVICES AND IS INDICATIVE ONLY OF SITE CONDITIONS AT THE TIME OF CAPTURE.
9. THIS PLAN HAS BEEN PREPARED FOR A SPECIFIC PROJECT AND MUST NOT BE MODIFIED OR USED FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF INOVO.

LEGEND:

- SITE BOUNDARY
- EXISTING BOUNDARY
- IRRIGATION PIPE
- EXISTING STORMWATER NETWORK
- EXISTING CATCHPIT
- EXISTING SOAKPIT
- EXISTING WASTEWATER NETWORK
- EXISTING WATER MAIN PIPE
- EXISTING WATER METER
- EXISTING WATER VALVE
- EXISTING OVERHEAD-HIGH VOLTAGE POWER LINE
- EXISTING POWER POLE
- EXISTING STREET LIGHT
- EXISTING POWER BOX
- EXISTING TELECO PILLAR
- UNKNOWN - LID

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: EXISTING SERVICES OVERVIEW PLAN

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

SURVEYED	-		-
DESIGNED	ARA		06/10/2026
DRAWN	ARA		06/10/2026
REVIEWED	CS		02/10/2026
APPROVED	MP		02/11/2026
SCALE	1:8,000 @A1	1:16,000 @A3	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION		A
DWG NO	16521-00-EN-1500		

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Synergy Version:

Plot Date: 11:23:45 am,2 November 2026, KIM CHEN



0 40 100 200 SCALE (m) 1:2,000 @A1
1:4,000 @A3

INOVO

NOTES:

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LEGEND:

- SITE BOUNDARY
- EXISTING BOUNDARY
- IRRIGATION PIPE
- EXISTING STORMWATER NETWORK
- EXISTING CATCHPIT
- EXISTING SOAKPIT
- EXISTING WASTEWATER NETWORK
- EXISTING WATER MAIN PIPE
- EXISTING WATER METER
- EXISTING WATER VALVE
- EXISTING OVERHEAD-HIGH VOLTAGE POWER LINE
- EXISTING POWER POLE
- EXISTING STREET LIGHT
- EXISTING POWER BOX
- EXISTING TELECO PILLAR
- UNKNOWN - LID

CLIENT: CARTER GROUP

PROJECT:
WESTHAVEN
FAST TRACK

DRAWING TITLE:
EXISTING SERVICES PLAN
SHEET 1 OF 4

REVISION DETAILS		BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-		-
DESIGNED	ARA		06/10/2026
DRAWN	ARA		06/10/2026
REVIEWED	CS		02/10/2026
APPROVED	MP		02/11/2026
SCALE	1:2,000 @A1	1:4,000 @A3	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION		A
DWG NO	16521-00-EN-1501		

Synergy Version:

Plot Date: 11:24:17 am, 2 November 2026, KIM CHEN

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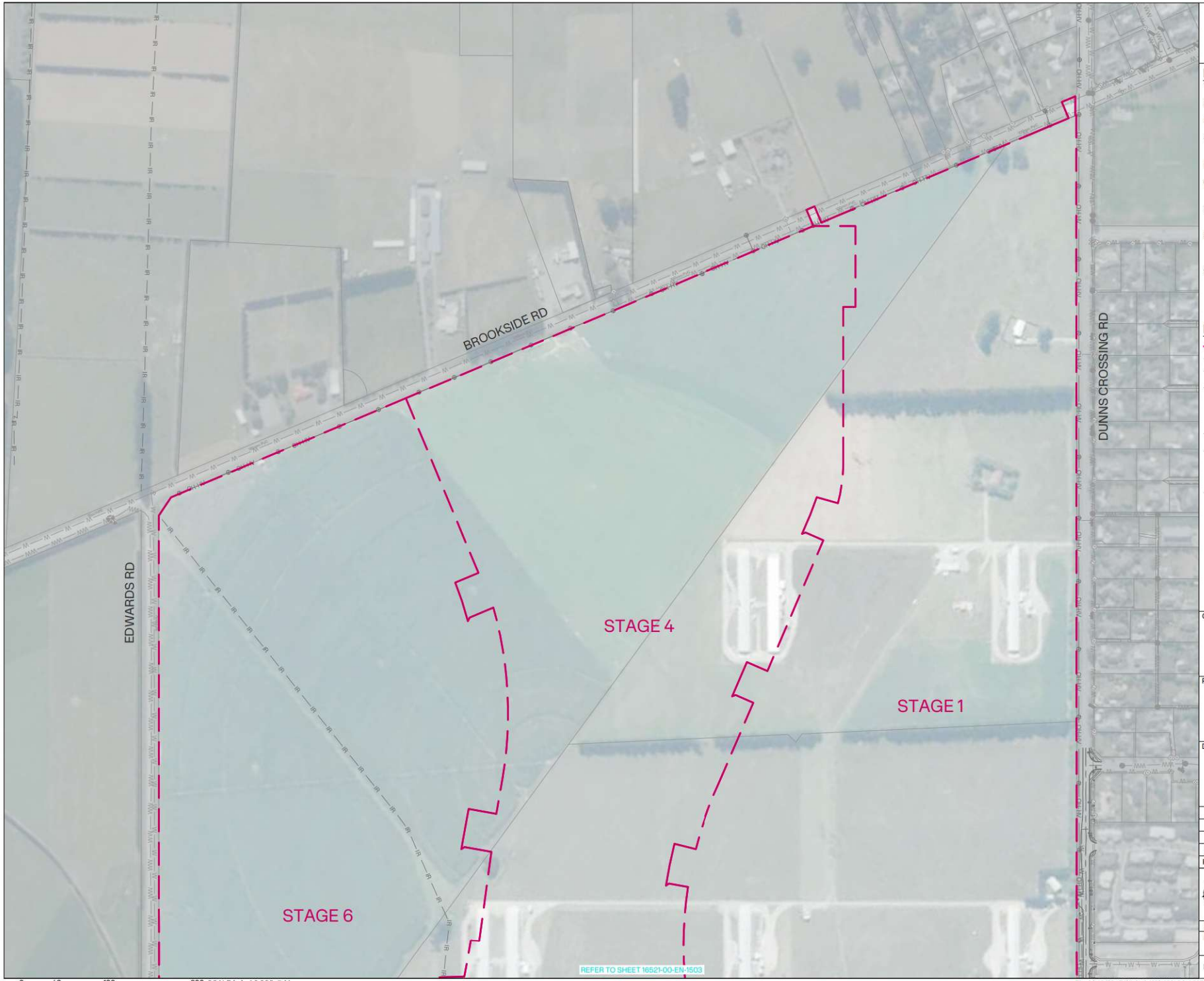

0 40 100 200 SCALE (m) 1:2,000 @A1
1:4,000 @A3

INOVO

NOTES:

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LEGEND:

- SITE BOUNDARY
- EXISTING BOUNDARY
- IRRIGATION PIPE
- EXISTING STORMWATER NETWORK
- EXISTING CATCHPIT
- EXISTING SOAKPIT
- EXISTING WASTEWATER NETWORK
- EXISTING WATER MAIN PIPE
- EXISTING WATER METER
- EXISTING WATER VALVE
- EXISTING OVERHEAD-HIGH VOLTAGE POWER LINE
- EXISTING POWER POLE
- EXISTING STREET LIGHT
- EXISTING POWER BOX
- EXISTING TELECO PILLAR
- UNKNOWN - LID

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: EXISTING SERVICES PLAN SHEET 2 OF 4

	REVISION DETAILS	BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	ARA	06/10/2026
DRAWN	ARA	06/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:2,000 @A1 1:4,000 @A3 REVISION

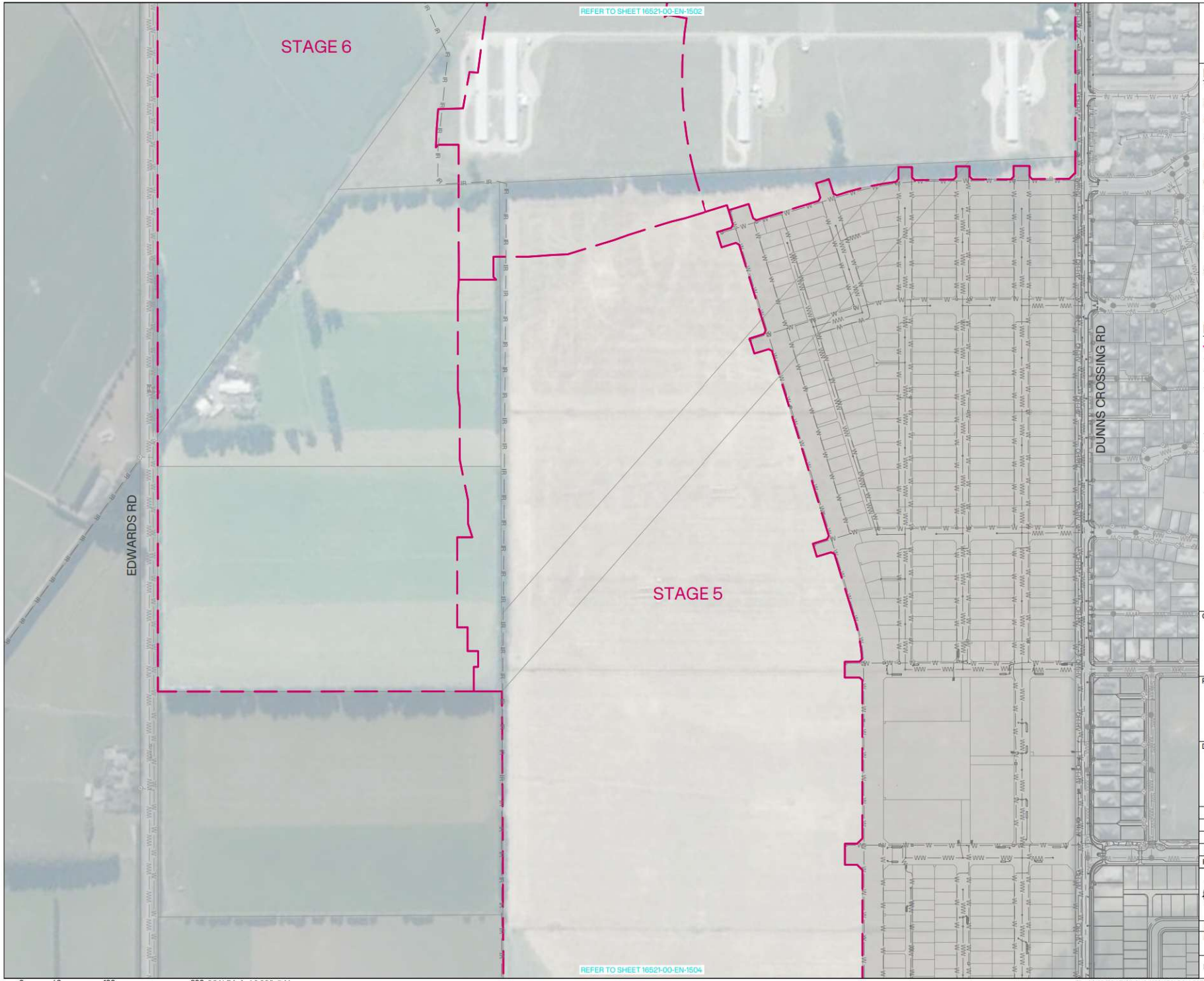
STATUS FOR CONSENT / NOT FOR CONSTRUCTION — A

DWG NO 16521-00-EN-1502

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-1500.DWG

Synergy Version:

Plot Date: 11:24:52 am,2 November 2026, KIM CHEN



INOVO

NOTES:

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LEGEND:

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- EXISTING BOUNDARY
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- EXISTING OVERHEAD-HIGH VOLTAGE POWER LINE
- EXISTING POWER POLE
- EXISTING STREET LIGHT
- EXISTING POWER BOX
- EXISTING TELECO PILLAR
- UNKNOWN - LID

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: EXISTING SERVICES PLAN SHEET 3 OF 4

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

SURVEYED	-		-
DESIGNED	ARA		06/10/2026
DRAWN	ARA		06/10/2026
REVIEWED	CS		02/10/2026
APPROVED	MP		02/11/2026
SCALE	1:2,000 @A1	1:4,000 @A3	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION		A
DWG NO	16521-00-EN-1503		

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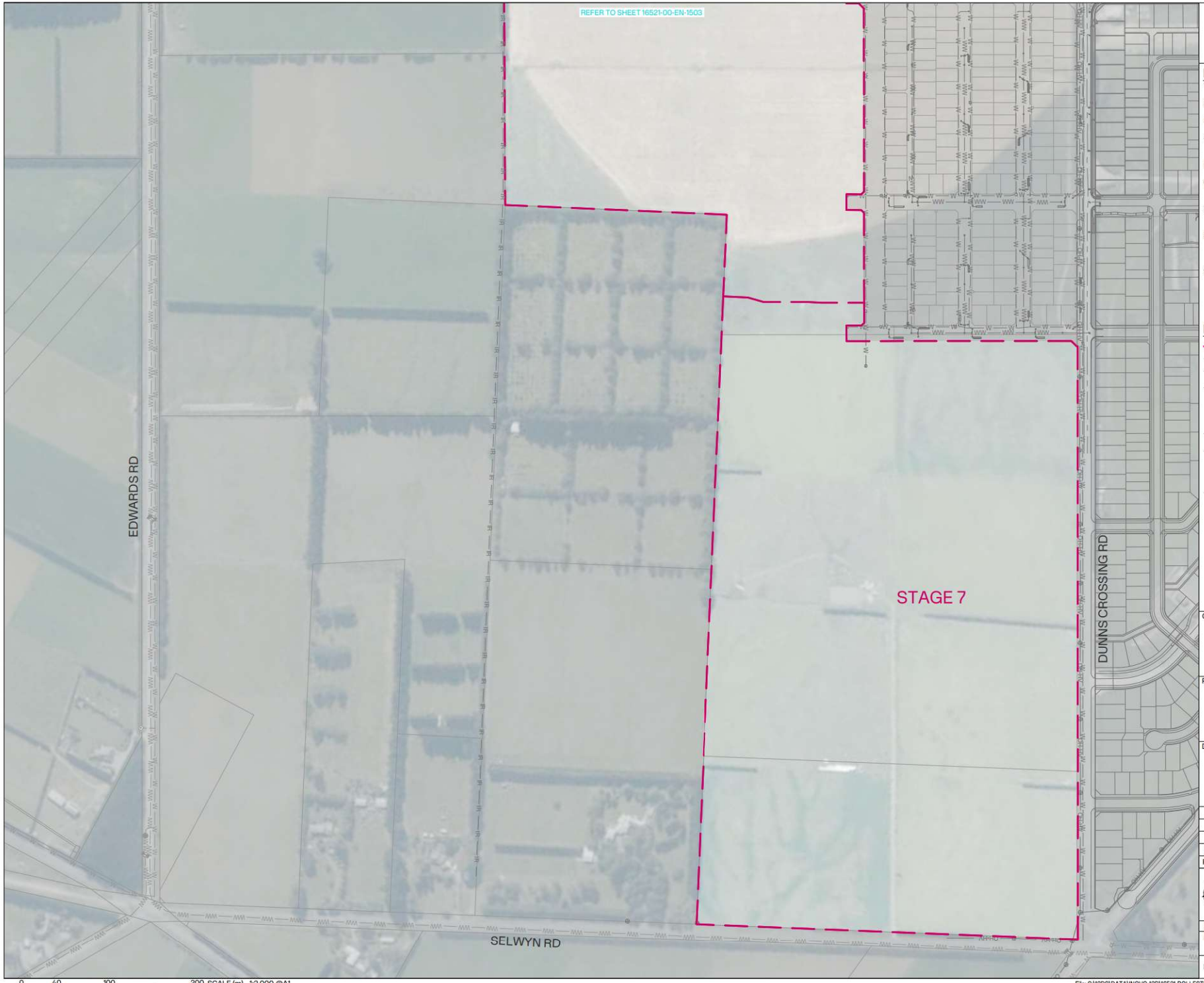
Synergy Version:

Plot Date: 11:25:22 am,2 November 2026,KIM CHEN



0 40 100 200 SCALE (m) 1:2,000 @A1
1:4,000 @A3

INOVO

NOTES:

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LEGEND:

- SITE BOUNDARY
- EXISTING BOUNDARY
- IRRIGATION PIPE
- EXISTING STORMWATER NETWORK
- EXISTING CATCHPIT
- EXISTING SOAKPIT
- EXISTING WASTEWATER NETWORK
- EXISTING WATER MAIN PIPE
- EXISTING WATER METER
- EXISTING WATER VALVE
- EXISTING OVERHEAD-HIGH VOLTAGE POWER LINE
- EXISTING POWER POLE
- EXISTING STREET LIGHT
- EXISTING POWER BOX
- EXISTING TELECO PILLAR
- UNKNOWN - LID

CLIENT: CARTER GROUP

PROJECT:
WESTHAVEN
FAST TRACK

DRAWING TITLE:
EXISTING SERVICES
PLAN
SHEET 4 OF 4

REVISION DETAILS		BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	ARA	06/10/2026
DRAWN	ARA	06/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE	1:2,000 @A1	1:4,000 @A3	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION		A
DWG NO	16521-00-EN-1504		

Synergy Version:

Plot Date: 11:25:50 am, 2 November 2026, KIM CHEN

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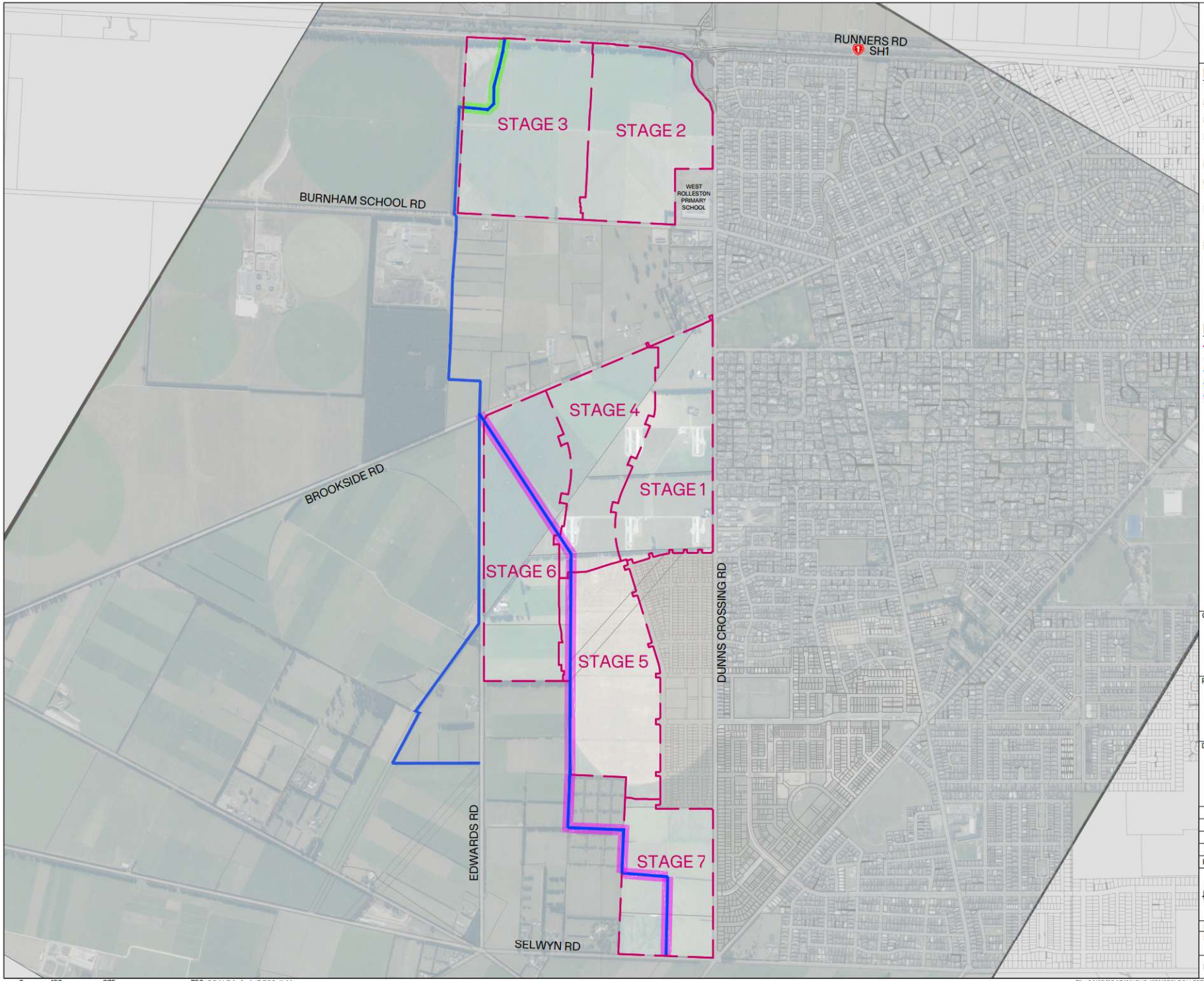


INOVO

NOTES:

1. ALL DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES, UNLESS OTHERWISE NOTED.
2. COORDINATES IN TERMS OF NZGD2000 MT PLEASANT CIRCUIT.
3. ALL BOUNDARY INFORMATION SUBJECT TO CONFIRMATION BY SURVEY.
4. ALL DRAWINGS TO BE READ AS A COMPLETE SET. ANY DISCREPANCIES TO BE REFERRED TO THE ENGINEER FOR CLARIFICATION.
5. ALL WORKS TO BE IN ACCORDANCE WITH THE SDC ECOP.
6. ANY INSTRUCTIONS RECEIVED FROM COUNCIL OR OTHER AUTHORITIES MUST BE CONFIRMED WITH THE ENGINEER.
7. THE AERIAL IMAGERY IN THE BACKGROUND IS SOURCED FROM LINZ DATA SERVICES AND IS INDICATIVE ONLY OF SITE CONDITIONS AT THE TIME OF CAPTURE.
8. THIS PLAN HAS BEEN PREPARED FOR A SPECIFIC PROJECT AND MUST NOT BE MODIFIED OR USED FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF INOVO.

LEGEND:

- SITE BOUNDARY
- EXISTING BOUNDARY
- EXISTING WATER RACE
- WATER RACE - REALIGNED
- WATER RACE - CLOSED

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: WATERWAY OVERVIEW PLAN

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

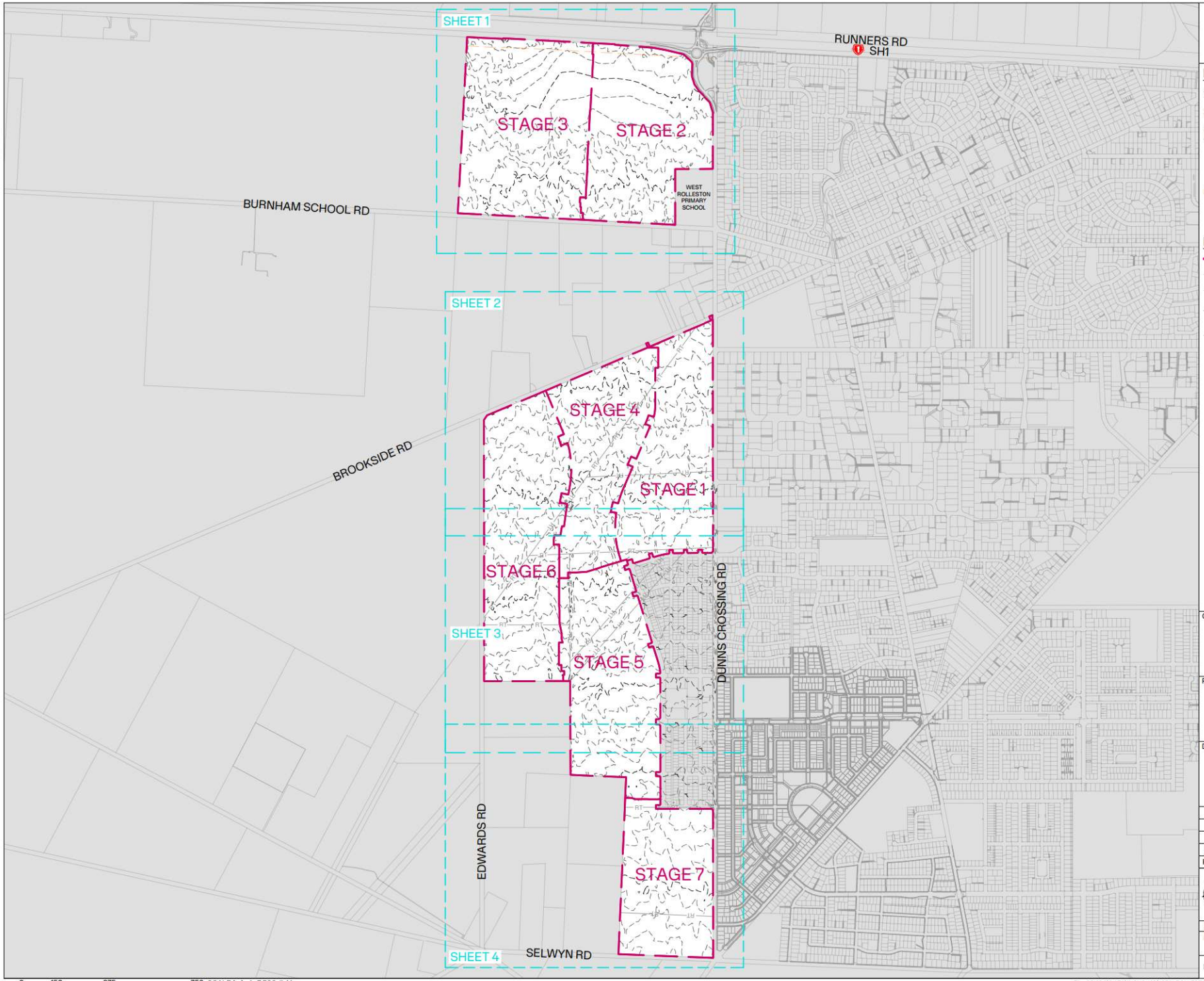
SURVEYED	-		-
DESIGNED	ARA		06/10/2026
DRAWN	KC		06/10/2026
REVIEWED	CS		02/10/2026
APPROVED	MP		02/11/2026
SCALE	1:8,000 @A1	1:16,000 @A3	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION		A
DWG NO	16521-00-EN-1550		

0 150 375 750 SCALE (m) 1: 7,500 @A1 1:15,000 @A3

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-1550.DWG

Synergy Version:

Plot Date: 10:12:42 am, 2 November 2026, KIM CHEN



NOTES:

1. ALL LEVELS IN TERMS OF NEW ZEALAND VERTICAL DATUM 2016 (NZVD2016).
2. COORDINATES IN TERMS OF NZGD 2000 MT PLEASANT CIRCUIT.
3. ALL BOUNDARIES ARE SUBJECT TO FINAL SURVEY.
4. LiDAR FOR DEM TITLED "CANTERBURY - SELWYN LiDAR 1m DEM (2023)" CAPTURED BETWEEN 24/MAR/2024 AND 04/MAY/2023 AND SOURCED FROM LINZ DATA SERVICES ON THE 18th OF MARCH 2025 FOR USE UNDER THE CREATIVE COMMONS ATTRIBUTION 4.0 INTERNATIONAL LICENCE.
5. ALL DIMENSIONS IN METERS UNLESS NOTED OTHERWISE.

LEGEND:

- SITE BOUNDARY
- RECORD OF TITLE (Ex. BOUNDARY)
- EXISTING BOUNDARY
- 10.0 EXISTING MAJOR CONTOURS SHOWN AT 2.5m INTERVALS
- 10.5 EXISTING MINOR CONTOURS SHOWN AT 0.5m INTERVALS

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: EXISTING CONTOURS OVERVIEW PLAN

REVISION DETAILS		BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	ARA	06/10/2026
DRAWN	ARA	06/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:8,000 @A1 1:16,000 @A3 REVISION

STATUS FOR CONSENT / NOT FOR CONSTRUCTION — A

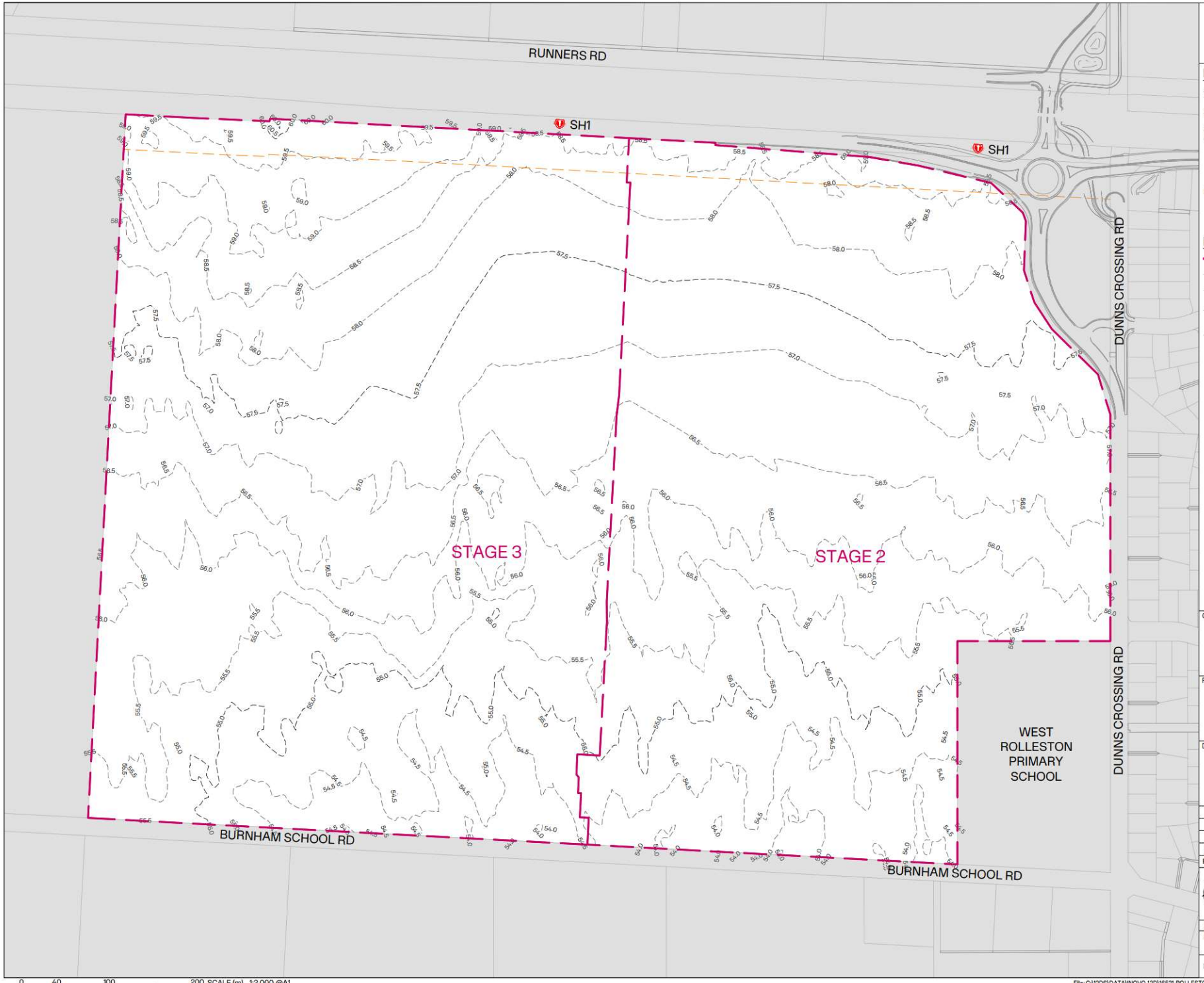
DWG NO 16521-00-EN-2000

0 150 375 750 SCALE (m) 1: 7,500 @A1 1:15,000 @A3

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-2000.DWG

Synergy Version:

Plot Date: 11:31:35 am,2 November 2026, KIM CHEN



INOVO

NOTES:

1. ALL LEVELS IN TERMS OF NEW ZEALAND VERTICAL DATUM 2016 (NZVD2016).
2. COORDINATES IN TERMS OF NZGD 2000 MT PLEASANT CIRCUIT.
3. ALL BOUNDARIES ARE SUBJECT TO FINAL SURVEY.
4. LiDAR FOR DEM TITLED "CANTERBURY - SELWYN LiDAR 1m DEM (2023)" CAPTURED BETWEEN 24/MAR/2024 AND 04/MAY/2023 AND SOURCED FROM LINZ DATA SERVICES ON THE 18th OF MARCH 2025 FOR USE UNDER THE CREATIVE COMMONS ATTRIBUTION 4.0 INTERNATIONAL LICENCE.
5. ALL DIMENSIONS IN METERS UNLESS NOTED OTHERWISE.

LEGEND:

- SITE BOUNDARY
- RT RT — RECORD OF TITLE (Ex. BOUNDARY)
- EXISTING BOUNDARY
- 10.0 — EXISTING MAJOR CONTOURS SHOWN AT 2.5m INTERVALS
- 10.5 — EXISTING MINOR CONTOURS SHOWN AT 0.5m INTERVALS

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: EXISTING CONTOURS PLAN SHEET 1 OF 4

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

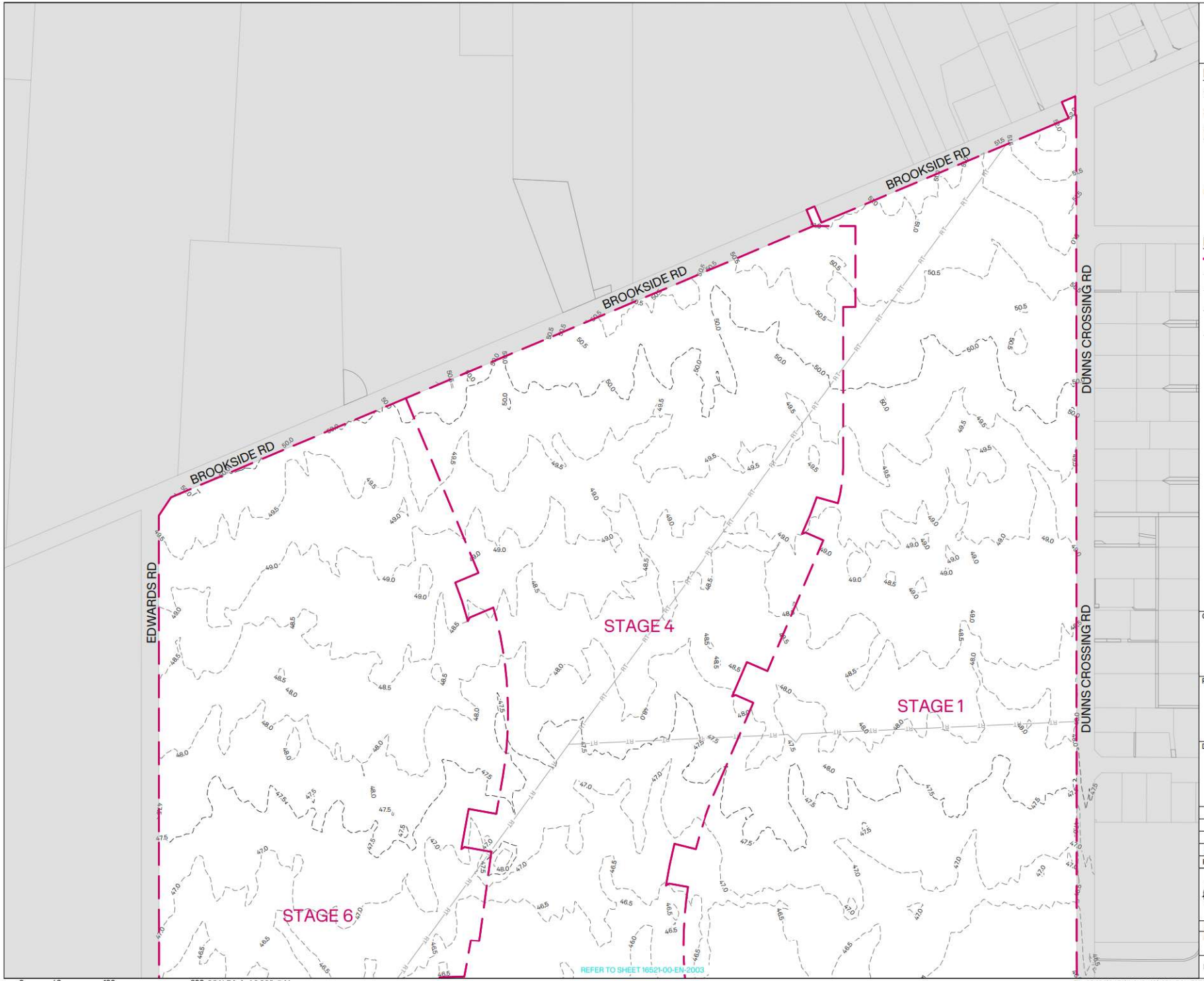
SURVEYED	-		-
DESIGNED	ARA		06/10/2026
DRAWN	ARA		06/10/2026
REVIEWED	CS		02/10/2026
APPROVED	MP		02/11/2026
SCALE	1:2,000 @A1	1:4,000 @A3	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION		A
DWG NO	16521-00-EN-2001		

0 40 100 200 SCALE (m) 1:2,000 @A1 1:4,000 @A3

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-2000.DWG

Synergy Version:

Plot Date: 11:31:37 am,2 November 2026, KIM CHEN



0 40 100 200 SCALE (m) 1:2,000 @A1
1:4,000 @A3

INOVO

NOTES:

1. ALL LEVELS IN TERMS OF NEW ZEALAND VERTICAL DATUM 2016 (NZVD2016).
2. COORDINATES IN TERMS OF NZGD 2000 MT PLEASANT CIRCUIT.
3. ALL BOUNDARIES ARE SUBJECT TO FINAL SURVEY.
4. LiDAR FOR DEM TITLED "CANTERBURY - SELWYN LiDAR 1m DEM (2023)" CAPTURED BETWEEN 24/MAR/2024 AND 04/MAY/2023 AND SOURCED FROM LINZ DATA SERVICES ON THE 18th OF MARCH 2025 FOR USE UNDER THE CREATIVE COMMONS ATTRIBUTION 4.0 INTERNATIONAL LICENCE.
5. ALL DIMENSIONS IN METERS UNLESS NOTED OTHERWISE.

LEGEND:

- SITE BOUNDARY
- RT RT RECORD OF TITLE (Ex. BOUNDARY)
- EXISTING BOUNDARY
- 10.0 EXISTING MAJOR CONTOURS SHOWN AT 2.5m INTERVALS
- 10.5 EXISTING MINOR CONTOURS SHOWN AT 0.5m INTERVALS

CLIENT: CARTER GROUP

PROJECT:
WESTHAVEN
FAST TRACK

DRAWING TITLE:
EXISTING CONTOURS
PLAN
SHEET 2 OF 4

REVISION DETAILS	BY	DATE
A ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	ARA	06/10/2026
DRAWN	ARA	06/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:2,000 @A1 1:4,000 @A3 REVISION
STATUS FOR CONSENT / NOT FOR CONSTRUCTION A
DWG NO 16521-00-EN-2002

Synergy Version:
Plot Date: 11:31:40 am,2 November 2026, KIM CHEN
File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-2000.DWG



NOTES:

1. ALL LEVELS IN TERMS OF NEW ZEALAND VERTICAL DATUM 2016 (NZVD2016).
2. COORDINATES IN TERMS OF NZGD 2000 MT PLEASANT CIRCUIT.
3. ALL BOUNDARIES ARE SUBJECT TO FINAL SURVEY.
4. LiDAR FOR DEM TITLED "CANTERBURY - SELWYN LiDAR 1m DEM (2023)" CAPTURED BETWEEN 24/MAR/2024 AND 04/MAY/2023 AND SOURCED FROM LINZ DATA SERVICES ON THE 18th OF MARCH 2025 FOR USE UNDER THE CREATIVE COMMONS ATTRIBUTION 4.0 INTERNATIONAL LICENCE.
5. ALL DIMENSIONS IN METERS UNLESS NOTED OTHERWISE.

LEGEND:

- SITE BOUNDARY
- RECORD OF TITLE (Ex. BOUNDARY)
- EXISTING BOUNDARY
- 10.0 EXISTING MAJOR CONTOURS SHOWN AT 2.5m INTERVALS
- 10.5 EXISTING MINOR CONTOURS SHOWN AT 0.5m INTERVALS

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: EXISTING CONTOURS PLAN SHEET 3 OF 4

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

SURVEYED	-		-
DESIGNED	ARA		06/10/2026
DRAWN	ARA		06/10/2026
REVIEWED	CS		02/10/2026
APPROVED	MP		02/11/2026
SCALE	1:2,000 @A1	1:4,000 @A3	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION		A
DWG NO	16521-00-EN-2003		

0 40 100 200 SCALE (m) 1:2,000 @A1 1:4,000 @A3

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-2000.DWG

Synergy Version:

Plot Date: 11:31:43 am,2 November 2026, KIM CHEN



INOVO

NOTES:

1. ALL LEVELS IN TERMS OF NEW ZEALAND VERTICAL DATUM 2016 (NZVD2016).
2. COORDINATES IN TERMS OF NZGD 2000 MT PLEASANT CIRCUIT.
3. ALL BOUNDARIES ARE SUBJECT TO FINAL SURVEY.
4. LiDAR FOR DEM TITLED "CANTERBURY - SELWYN LiDAR 1m DEM (2023)" CAPTURED BETWEEN 24/MAR/2024 AND 04/MAY/2023 AND SOURCED FROM LINZ DATA SERVICES ON THE 18th OF MARCH 2025 FOR USE UNDER THE CREATIVE COMMONS ATTRIBUTION 4.0 INTERNATIONAL LICENCE.
5. ALL DIMENSIONS IN METERS UNLESS NOTED OTHERWISE.

LEGEND:

- SITE BOUNDARY
- RECORD OF TITLE (Ex. BOUNDARY)
- EXISTING BOUNDARY
- 10.0 EXISTING MAJOR CONTOURS SHOWN AT 2.5m INTERVALS
- 10.5 EXISTING MINOR CONTOURS SHOWN AT 0.5m INTERVALS

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: EXISTING CONTOURS PLAN SHEET 4 OF 4

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

SURVEYED	-	-
DESIGNED	ARA	06/10/2026
DRAWN	ARA	06/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:2,000 @A1 1:4,000 @A3 REVISION

STATUS FOR CONSENT / NOT FOR CONSTRUCTION — A

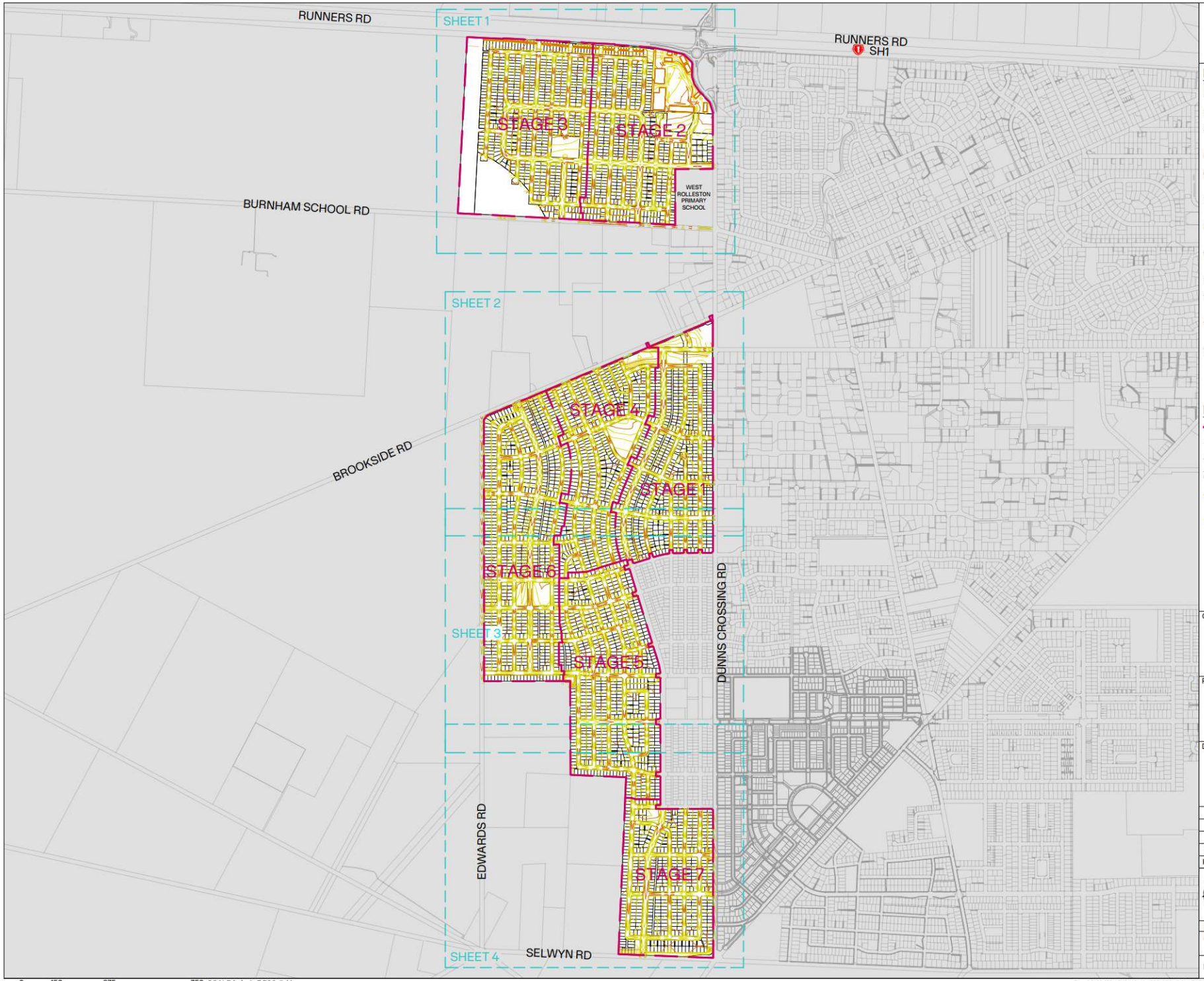
DWG NO 16521-00-EN-2004

0 40 100 200 SCALE (m) 1:2,000 @A1 1:4,000 @A3

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-2000.DWG

Synergy Version:

Plot Date: 11:31:45 am, 2 November 2026, KIM CHEN



0 150 375 750 SCALE (m) 1: 7,500 @A1
1:15,000 @A3

NOTES:

1. ALL LEVELS IN TERMS OF NZVD2016.
2. COORDINATES IN TERMS OF NZGD2000 MT PLEASANT CIRCUIT.
3. ALL BOUNDARY INFORMATION SUBJECT TO CONFIRMATION BY SURVEY.
4. ALL DRAWINGS TO BE READ AS A COMPLETE SET. ANY DISCREPANCIES TO BE REFERRED TO THE ENGINEER FOR CLARIFICATION.
5. ALL WORKS TO BE IN ACCORDANCE WITH THE SDC ECOP.
6. ANY INSTRUCTIONS RECEIVED FROM COUNCIL OR OTHER AUTHORITIES MUST BE CONFIRMED WITH THE ENGINEER.
7. ALL EROSION & SEDIMENT CONTROL MEASURES TO BE INSTALLED PRIOR TO UNDERTAKING EARTHWORKS.
8. ALL EXISTING SERVICES ARE TO BE LOCATED, IDENTIFIED AND PROTECTED BY THE CONTRACTOR PRIOR TO COMMENCING EARTHWORKS.
9. ALL SUBGRADE MATERIAL TO BE INSPECTED BY THE ENGINEER PRIOR TO PLACEMENT OF ANY FILL MATERIAL.
10. ALL FILL IN EXCESS OF 250MM TO BE PLACED IN ACCORDANCE WITH NZS4431:2022.
11. ALL SUBGRADE IN ROAD RESERVES TO BE BEAM TESTED PRIOR TO PLACEMENT OF ANY BASECOARSE MATERIAL.
12. CARRIAGEWAYS GREATER THAN 9M TO BE FORMED WITH A CAMBER IN ACCORDANCE WITH CCC CSS SD623.
13. REFER TO ROAD LONG-SECTIONS FOR DETAILED HORIZONTAL AND VERTICAL GEOMETRY.

LEGEND:

- SITE BOUNDARY
- EXISTING BOUNDARY
- PROPOSED LOT BOUNDARY
- PROPOSED KERB
- 10.00 PROPOSED MAJOR CONTOURS SHOWN AT 1.0m INTERVALS
- 10.20 PROPOSED MINOR CONTOURS SHOWN AT 0.25m INTERVALS

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: PROPOSED CONTOURS OVERVIEW PLAN

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

SURVEYED	-	-
DESIGNED	LED	06/10/2026
DRAWN	ARA	06/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:8,000 @A1 1:16,000 @A3 REVISION

STATUS FOR CONSENT / NOT FOR CONSTRUCTION — A

DWG NO 16521-00-EN-2050

Synergy Version:

Plot Date: 11:33:39 am,2 November 2026, KIM CHEN

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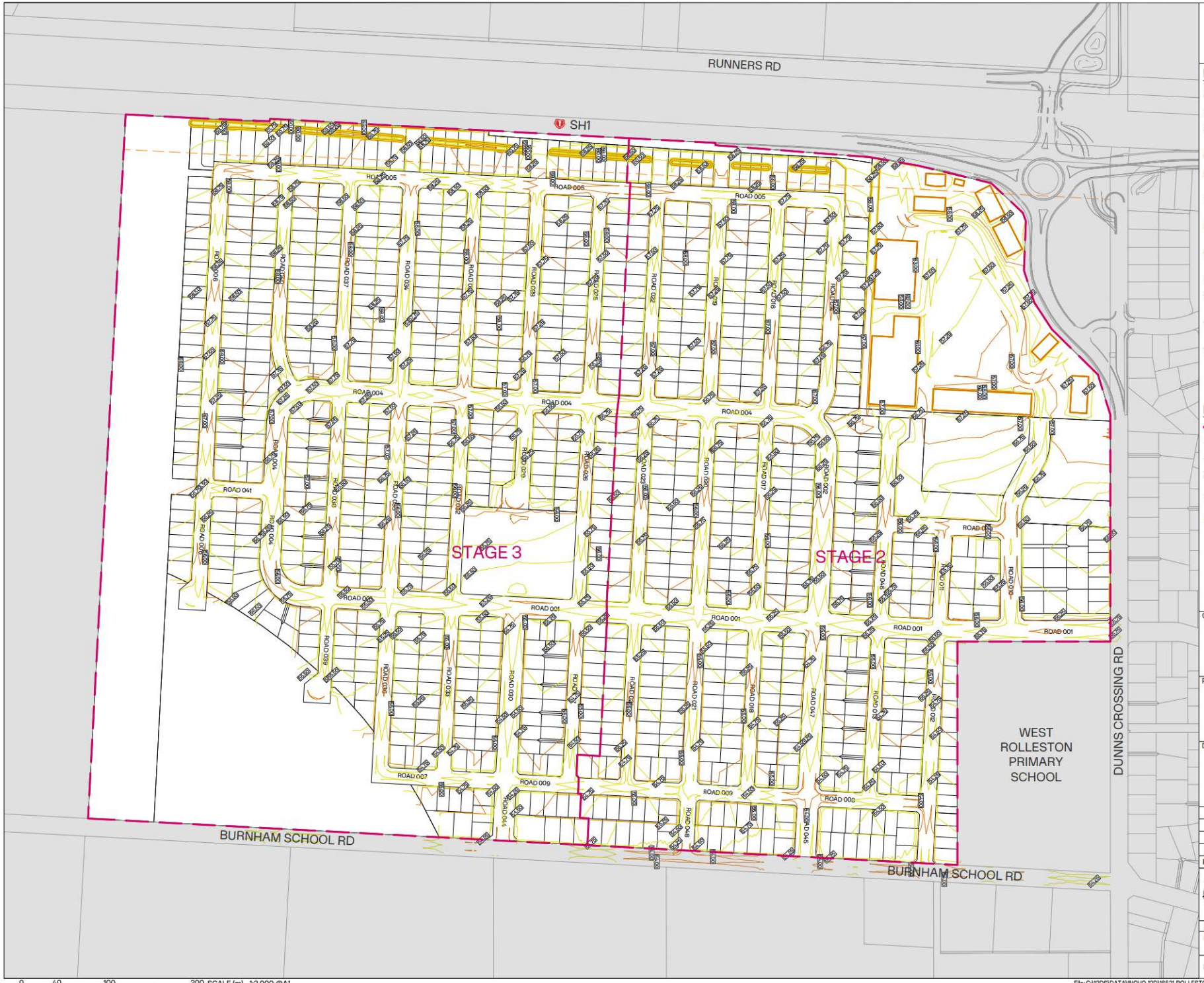

INOVO

NOTES:

1. ALL LEVELS IN TERMS OF NZVD2016.
2. COORDINATES IN TERMS OF NZGD2000 MT PLEASANT CIRCUIT.
3. ALL BOUNDARY INFORMATION SUBJECT TO CONFIRMATION BY SURVEY.
4. ALL DRAWINGS TO BE READ AS A COMPLETE SET. ANY DISCREPANCIES TO BE REFERRED TO THE ENGINEER FOR CLARIFICATION.
5. ALL WORKS TO BE IN ACCORDANCE WITH THE SDC ECOP.
6. ANY INSTRUCTIONS RECEIVED FROM COUNCIL OR OTHER AUTHORITIES MUST BE CONFIRMED WITH THE ENGINEER.
7. ALL EROSION & SEDIMENT CONTROL MEASURES TO BE INSTALLED PRIOR TO UNDERTAKING EARTHWORKS.
8. ALL EXISTING SERVICES ARE TO BE LOCATED, IDENTIFIED AND PROTECTED BY THE CONTRACTOR PRIOR TO COMMENCING EARTHWORKS.
9. ALL SUBGRADE MATERIAL TO BE INSPECTED BY THE ENGINEER PRIOR TO PLACEMENT OF ANY FILL MATERIAL.
10. ALL FILL IN EXCESS OF 250MM TO BE PLACED IN ACCORDANCE WITH NZS4431:2022.
11. ALL SUBGRADE IN ROAD RESERVES TO BE BEAM TESTED PRIOR TO PLACEMENT OF ANY BASECOARSE MATERIAL.
12. CARRIAGEWAYS GREATER THAN 9M TO BE FORMED WITH A CAMBER IN ACCORDANCE WITH CCC CSS SD623.
13. REFER TO ROAD LONG-SECTIONS FOR DETAILED HORIZONTAL AND VERTICAL GEOMETRY.

LEGEND:

- SITE BOUNDARY
- EXISTING BOUNDARY
- PROPOSED LOT BOUNDARY
- PROPOSED KERB
- 10.00 — PROPOSED MAJOR CONTOURS SHOWN AT 1.0m INTERVALS
- 10.20 — PROPOSED MINOR CONTOURS SHOWN AT 0.25m INTERVALS

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: PROPOSED CONTOURS PLAN SHEET 1 OF 4

REVISION DETAILS		BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	LED	06/10/2026
DRAWN	ARA	06/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:2,000 @A1 1:4,000 @A3 REVISION

STATUS FOR CONSENT / NOT FOR CONSTRUCTION — A

DWG NO 16521-00-EN-2051

Synergy Version:

Plot Date: 11:33:42 am,2 November 2026, KIM CHEN

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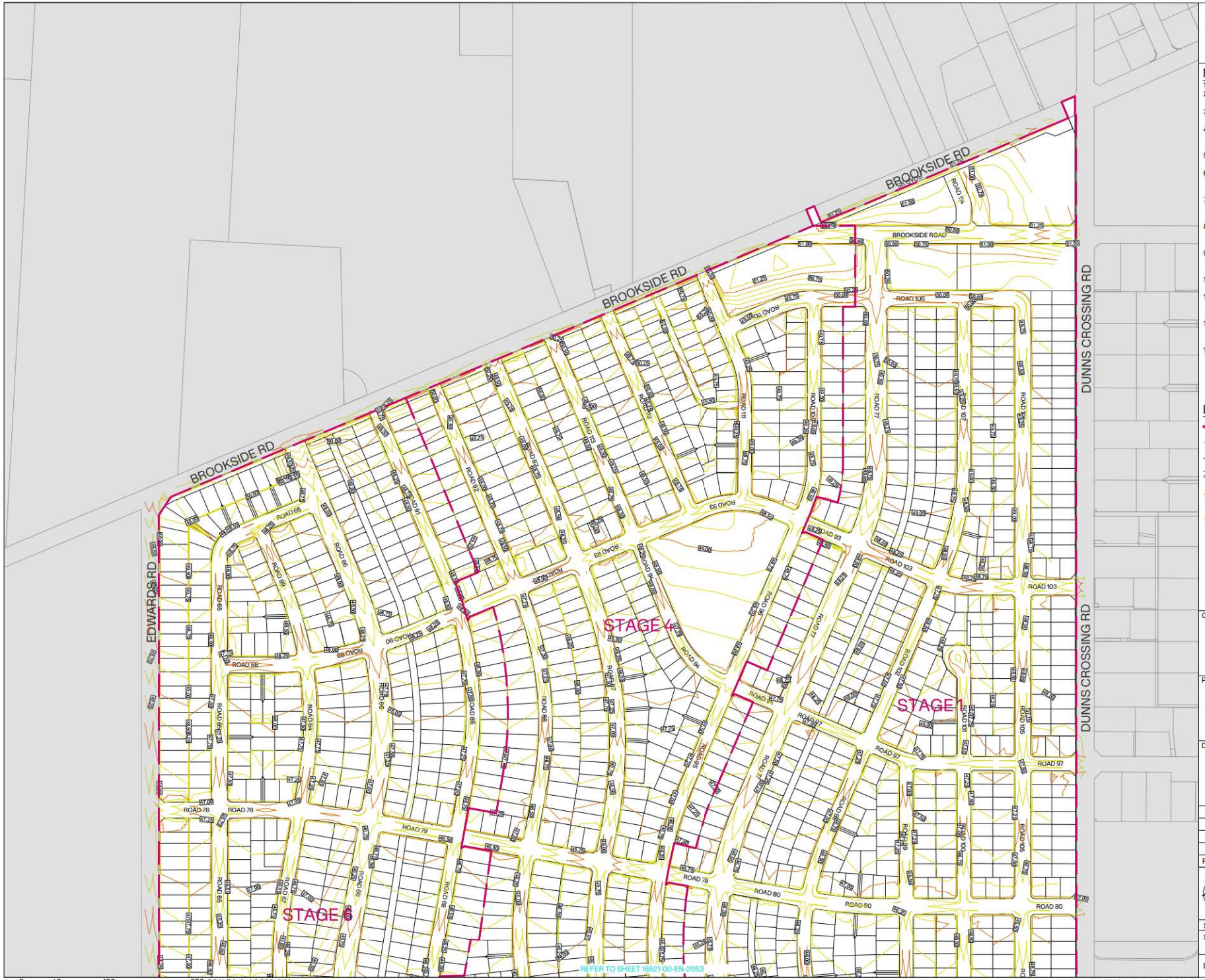


INOVO

NOTES:

1. ALL LEVELS IN TERMS OF NZVD2016.
2. COORDINATES IN TERMS OF NZGD2000 MT PLEASANT CIRCUIT.
3. ALL BOUNDARY INFORMATION SUBJECT TO CONFIRMATION BY SURVEY.
4. ALL DRAWINGS TO BE READ AS A COMPLETE SET. ANY DISCREPANCIES TO BE REFERRED TO THE ENGINEER FOR CLARIFICATION.
5. ALL WORKS TO BE IN ACCORDANCE WITH THE SDC ECOP.
6. ANY INSTRUCTIONS RECEIVED FROM COUNCIL OR OTHER AUTHORITIES MUST BE CONFIRMED WITH THE ENGINEER.
7. ALL EROSION & SEDIMENT CONTROL MEASURES TO BE INSTALLED PRIOR TO UNDERTAKING EARTHWORKS.
8. ALL EXISTING SERVICES ARE TO BE LOCATED, IDENTIFIED AND PROTECTED BY THE CONTRACTOR PRIOR TO COMMENCING EARTHWORKS.
9. ALL SUBGRADE MATERIAL TO BE INSPECTED BY THE ENGINEER PRIOR TO PLACEMENT OF ANY FILL MATERIAL.
10. ALL FILL IN EXCESS OF 250MM TO BE PLACED IN ACCORDANCE WITH NZS4431:2022.
11. ALL SUBGRADE IN ROAD RESERVES TO BE BEAM TESTED PRIOR TO PLACEMENT OF ANY BASECOARSE MATERIAL.
12. CARRIAGEWAYS GREATER THAN 9M TO BE FORMED WITH A CAMBER IN ACCORDANCE WITH CCC CSS SD623.
13. REFER TO ROAD LONG-SECTIONS FOR DETAILED HORIZONTAL AND VERTICAL GEOMETRY.

LEGEND:

- SITE BOUNDARY
- EXISTING BOUNDARY
- PROPOSED LOT BOUNDARY
- PROPOSED KERB
- 10.00 — PROPOSED MAJOR CONTOURS SHOWN AT 1.0m INTERVALS
- 10.20 — PROPOSED MINOR CONTOURS SHOWN AT 0.25m INTERVALS

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: PROPOSED CONTOURS PLAN SHEET 2 OF 4

REVISION DETAILS		BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

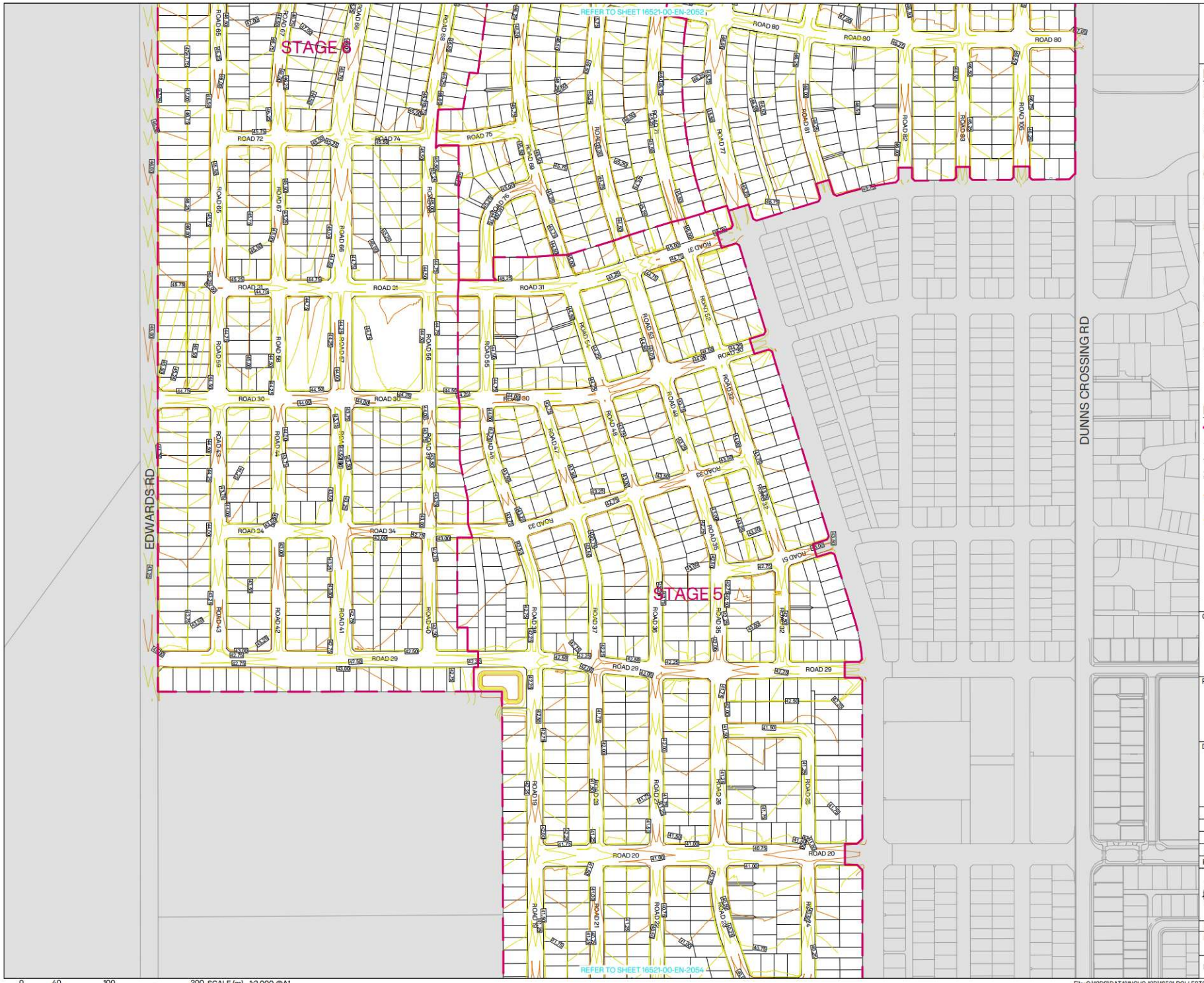
SURVEYED	-		-
DESIGNED	LED		06/10/2026
DRAWN	ARA		06/10/2026
REVIEWED	CS		02/10/2026
APPROVED	MP		02/11/2026
SCALE	1:2,000 @A1	1:4,000 @A3	REVISION
STATUS	FOR CONSENT / NOT FOR CONSTRUCTION		A
DWG NO	16521-00-EN-2052		

0 40 100 200 SCALE (m) 1:2,000 @A1 1:4,000 @A3

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-2050.DWG

Synergy Version:

Plot Date: 11:33:45 am,2 November 2026, KIM CHEN



INOVO

NOTES:

1. ALL LEVELS IN TERMS OF NZVD2016.
2. COORDINATES IN TERMS OF NZGD2000 MT PLEASANT CIRCUIT.
3. ALL BOUNDARY INFORMATION SUBJECT TO CONFIRMATION BY SURVEY.
4. ALL DRAWINGS TO BE READ AS A COMPLETE SET. ANY DISCREPANCIES TO BE REFERRED TO THE ENGINEER FOR CLARIFICATION.
5. ALL WORKS TO BE IN ACCORDANCE WITH THE SDC ECOP.
6. ANY INSTRUCTIONS RECEIVED FROM COUNCIL OR OTHER AUTHORITIES MUST BE CONFIRMED WITH THE ENGINEER.
7. ALL EROSION & SEDIMENT CONTROL MEASURES TO BE INSTALLED PRIOR TO UNDERTAKING EARTHWORKS.
8. ALL EXISTING SERVICES ARE TO BE LOCATED, IDENTIFIED AND PROTECTED BY THE CONTRACTOR PRIOR TO COMMENCING EARTHWORKS.
9. ALL SUBGRADE MATERIAL TO BE INSPECTED BY THE ENGINEER PRIOR TO PLACEMENT OF ANY FILL MATERIAL.
10. ALL FILL IN EXCESS OF 250MM TO BE PLACED IN ACCORDANCE WITH NZS4431:2022.
11. ALL SUBGRADE IN ROAD RESERVES TO BE BEAM TESTED PRIOR TO PLACEMENT OF ANY BASECOARSE MATERIAL.
12. CARRIAGEWAYS GREATER THAN 9M TO BE FORMED WITH A CAMBER IN ACCORDANCE WITH CCC CSS SD623.
13. REFER TO ROAD LONG-SECTIONS FOR DETAILED HORIZONTAL AND VERTICAL GEOMETRY.

LEGEND:

- SITE BOUNDARY
- EXISTING BOUNDARY
- PROPOSED LOT BOUNDARY
- PROPOSED KERB
- 10.00 — PROPOSED MAJOR CONTOURS SHOWN AT 1.0m INTERVALS
- 10.20 — PROPOSED MINOR CONTOURS SHOWN AT 0.25m INTERVALS

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: PROPOSED CONTOURS PLAN SHEET 3 OF 4

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

SURVEYED	-	-
DESIGNED	LED	06/10/2026
DRAWN	ARA	06/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:2,000 @A1 1:4,000 @A3 REVISION

STATUS FOR CONSENT / NOT FOR CONSTRUCTION — A

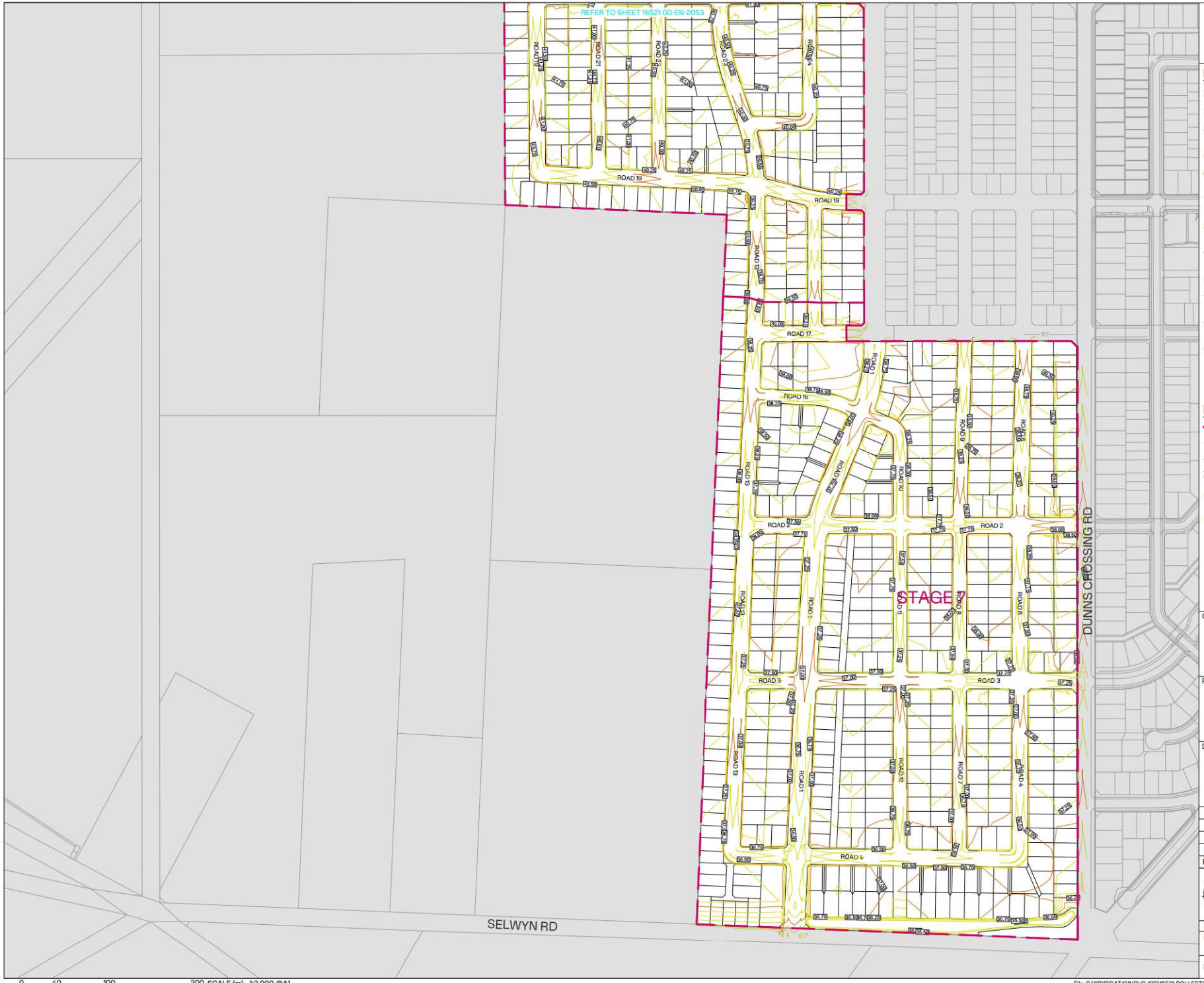
DWG NO 16521-00-EN-2053

Synergy Version:

Plot Date: 11:33:49 am,2 November 2026, KIM CHEN

0 40 100 200 SCALE (m) 1:2,000 @A1 1:4,000 @A3

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-2050.DWG



NOTES:

1. ALL LEVELS IN TERMS OF NZVD2016.
2. COORDINATES IN TERMS OF NZGD2000 MT PLEASANT CIRCUIT.
3. ALL BOUNDARY INFORMATION SUBJECT TO CONFIRMATION BY SURVEY.
4. ALL DRAWINGS TO BE READ AS A COMPLETE SET. ANY DISCREPANCIES TO BE REFERRED TO THE ENGINEER FOR CLARIFICATION.
5. ALL WORKS TO BE IN ACCORDANCE WITH THE SDC ECOP.
6. ANY INSTRUCTIONS RECEIVED FROM COUNCIL OR OTHER AUTHORITIES MUST BE CONFIRMED WITH THE ENGINEER.
7. ALL EROSION & SEDIMENT CONTROL MEASURES TO BE INSTALLED PRIOR TO UNDERTAKING EARTHWORKS.
8. ALL EXISTING SERVICES ARE TO BE LOCATED, IDENTIFIED AND PROTECTED BY THE CONTRACTOR PRIOR TO COMMENCING EARTHWORKS.
9. ALL SUBGRADE MATERIAL TO BE INSPECTED BY THE ENGINEER PRIOR TO PLACEMENT OF ANY FILL MATERIAL.
10. ALL FILL IN EXCESS OF 250MM TO BE PLACED IN ACCORDANCE WITH NZS4431:2022.
11. ALL SUBGRADE IN ROAD RESERVES TO BE BEAM TESTED PRIOR TO PLACEMENT OF ANY BASECOARSE MATERIAL.
12. CARRIAGEWAYS GREATER THAN 9M TO BE FORMED WITH A CAMBER IN ACCORDANCE WITH CCC CSS SD623.
13. REFER TO ROAD LONG-SECTIONS FOR DETAILED HORIZONTAL AND VERTICAL GEOMETRY.

LEGEND:

- SITE BOUNDARY
- EXISTING BOUNDARY
- PROPOSED LOT BOUNDARY
- PROPOSED KERB
- 10.00 PROPOSED MAJOR CONTOURS SHOWN AT 1.0m INTERVALS
- 10.20 PROPOSED MINOR CONTOURS SHOWN AT 0.25m INTERVALS

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: PROPOSED CONTOURS PLAN SHEET 4 OF 4

REVISION DETAILS		BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	LED	06/10/2026
DRAWN	ARA	06/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:2,000 @A1 1:4,000 @A3 REVISION

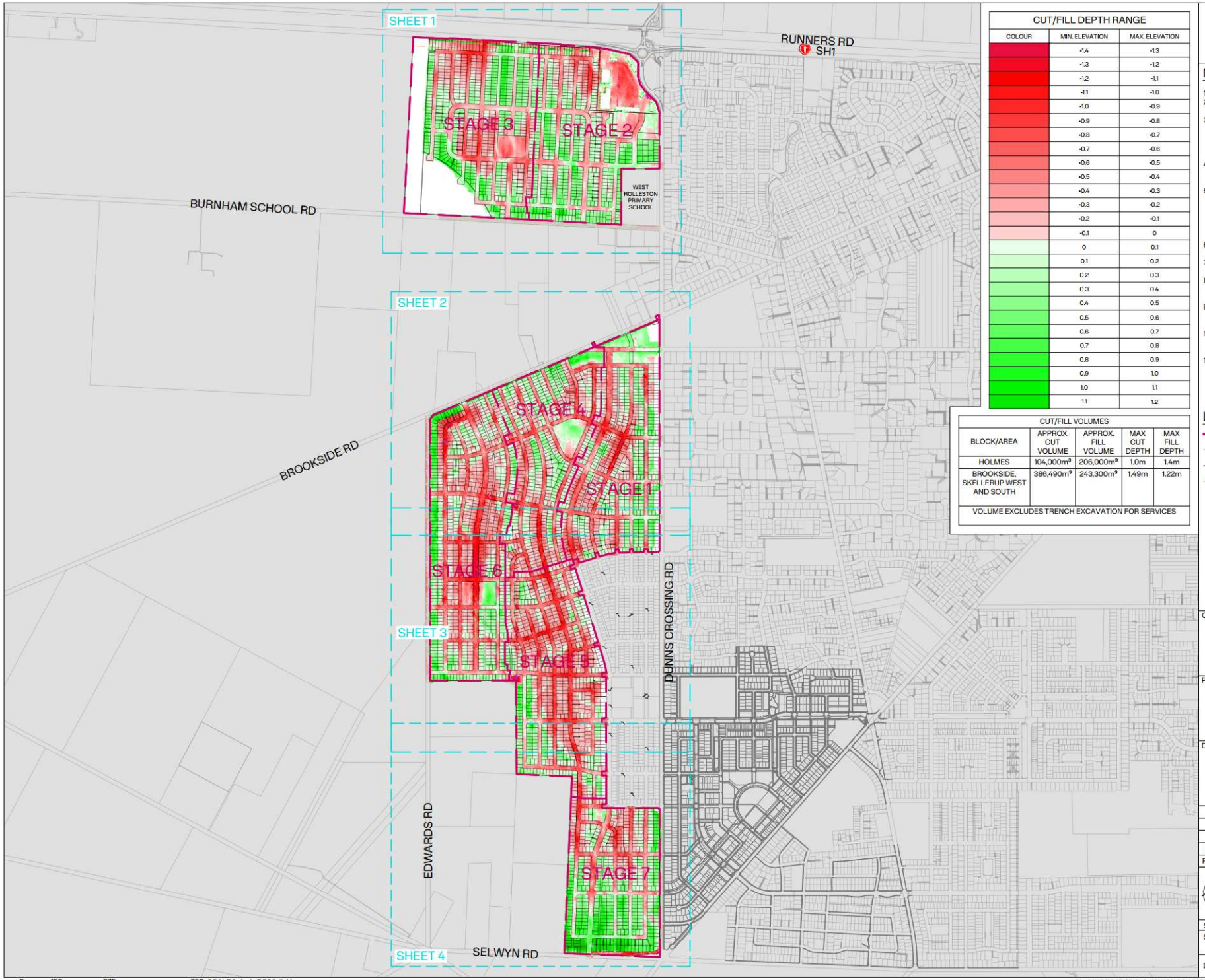
STATUS FOR CONSENT / NOT FOR CONSTRUCTION — A

DWG NO 16521-00-EN-2054

Synergy Version:

Plot Date: 11:33:51 am,2 November 2026, KIM CHEN

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-2050.DWG



CUT/FILL DEPTH RANGE		
COLOUR	MIN. ELEVATION	MAX. ELEVATION
	-1.4	-1.3
	-1.3	-1.2
	-1.2	-1.1
	-1.1	-1.0
	-1.0	-0.9
	-0.9	-0.8
	-0.8	-0.7
	-0.7	-0.6
	-0.6	-0.5
	-0.5	-0.4
	-0.4	-0.3
	-0.3	-0.2
	-0.2	-0.1
	-0.1	0
	0	0.1
	0.1	0.2
	0.2	0.3
	0.3	0.4
	0.4	0.5
	0.5	0.6
	0.6	0.7
	0.7	0.8
	0.8	0.9
	0.9	1.0
	1.0	1.1
	1.1	1.2

CUT/FILL VOLUMES				
BLOCK/AREA	APPROX. CUT VOLUME	APPROX. FILL VOLUME	MAX CUT DEPTH	MAX FILL DEPTH
HOLMES	104,000m³	206,000m³	1.0m	1.4m
BROOKSIDE, SKELLERUP WEST AND SOUTH	386,490m³	243,300m³	1.49m	1.22m
VOLUME EXCLUDES TRENCH EXCAVATION FOR SERVICES				

INOVO

NOTES:

1. ALL LEVELS IN TERMS OF NZVD2016.
2. COORDINATES IN TERMS OF NZGD2000 MT PLEASANT CIRCUIT.
3. CUT TO FILL VOLUMES ARE CALCULATED FROM TOPSOIL STRIP (EXISTING SURFACE MINUS 310MM) TO DESIGN SUBGRADE SURFACE NOT INCLUDING TOPSOIL WITH NO ALLOWANCE FOR TRENCHING FOR SERVICES OR ROAD PAVEMENT MAKEUP.
4. EARTHWORK VOLUMES ARE PRESENTED AS SOLID MEASURES AND DO NOT ACCOUNT FOR BULKING OR COMPACTION.
5. THE EXISTING GROUND SURFACE IS DERIVED FROM LIDAR SURVEY TITLED "CANTERBURY - SELWYN LIDAR 1m DEM (2023)". THE DATASET WAS CAPTURED BETWEEN 24 MARCH 2024 AND 4 MAY 2023 AND WAS SOURCED FROM LAND INFORMATION NEW ZEALAND (LINZ) DATA SERVICE.
6. THE ENGINEER MUST INSPECT THE SUBGRADE PRIOR TO PLACEMENT OF ANY FILL.
7. ALL FILL GREATER THAN 250mm IN DEPTH MUST BE PLACED IN ACCORDANCE WITH NZS 4431:2022.
8. ALL WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH THE SELWYN DISTRICT COUNCIL ENGINEERING CODE OF PRACTICE (SDC ECOP).
9. ALL BOUNDARY INFORMATION IS SUBJECT TO CONFIRMATION BY CADASTRAL SURVEY, IF REQUIRED.
10. THE CONTRACTOR MUST LOCATE, IDENTIFY, AND PROTECT ALL EXISTING SERVICES BEFORE STARTING ANY EARTHWORKS.
11. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING ALL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO COMMENCING SITE WORKS.

LEGEND:

- SITE BOUNDARY
- EXISTING BOUNDARY
- PROPOSED LOT BOUNDARY
- 20m SETBACK

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: CUT / FILL OVERVIEW PLAN

REVISION DETAILS		BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	LED	06/10/2026
DRAWN	ARA	06/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:8,000 @A1 1:16,000 @A3 REVISION

STATUS FOR CONSENT / NOT FOR CONSTRUCTION — A

DWG NO 16521-00-EN-2100

0 150 375 750 SCALE (m) 1: 7,500 @A1 1:15,000 @A3

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-2100.DWG

Synergy Version:

Plot Date: 11:36:51 am, 2 November 2026, KIM CHEN



NOTES:

1. ALL LEVELS IN TERMS OF NZVD2016.
2. COORDINATES IN TERMS OF NZGD2000 MT PLEASANT CIRCUIT.
3. CUT TO FILL VOLUMES ARE CALCULATED FROM TOPSOIL STRIP (EXISTING SURFACE MINUS 310MM) TO DESIGN SUBGRADE SURFACE NOT INCLUDING TOPSOIL WITH NO ALLOWANCE FOR TRENCHING FOR SERVICES OR ROAD PAVEMENT MAKEUP.
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6. THE ENGINEER MUST INSPECT THE SUBGRADE PRIOR TO PLACEMENT OF ANY FILL.
7. ALL FILL GREATER THAN 250mm IN DEPTH MUST BE PLACED IN ACCORDANCE WITH NZS 4431:2022.
8. ALL WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH THE SELWYN DISTRICT COUNCIL ENGINEERING CODE OF PRACTICE (SDC ECOP).
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11. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING ALL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO COMMENCING SITE WORKS.

LEGEND:

- SITE BOUNDARY
- EXISTING BOUNDARY
- PROPOSED LOT BOUNDARY
- 20m SETBACK

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: CUT / FILL PLAN SHEET 1 OF 4

REVISION DETAILS		BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-		-
DESIGNED	LED		06/10/2026
DRAWN	ARA		06/10/2026
REVIEWED	CS		02/10/2026
APPROVED	MP		02/11/2026
SCALE	1:2,000 @A1	1:4,000 @A3	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION		A
DWG NO	16521-00-EN-2101		

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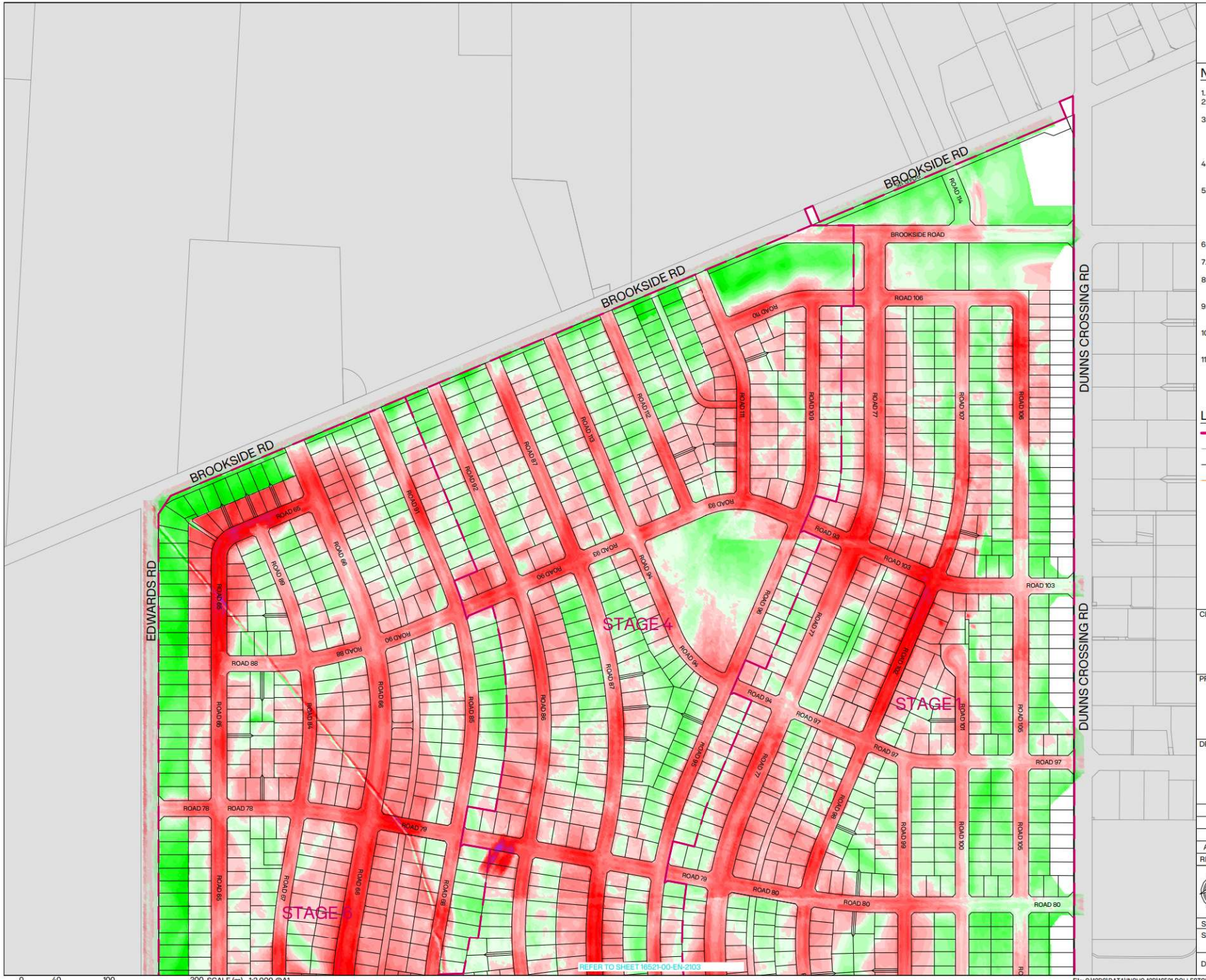
File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-2100.DWG

Synergy Version:

Plot Date: 11:38:07 am,2 November 2026, KIM CHEN



0 40 100 200 SCALE (m) 1:2,000 @A1
1:4,000 @A3

NOTES:

1. ALL LEVELS IN TERMS OF NZVD2016.
2. COORDINATES IN TERMS OF NZGD2000 MT PLEASANT CIRCUIT.
3. CUT TO FILL VOLUMES ARE CALCULATED FROM TOPSOIL STRIP (EXISTING SURFACE MINUS 310MM) TO DESIGN SUBGRADE SURFACE NOT INCLUDING TOPSOIL WITH NO ALLOWANCE FOR TRENCHING FOR SERVICES OR ROAD PAVEMENT MAKEUP.
4. EARTHWORK VOLUMES ARE PRESENTED AS SOLID MEASURES AND DO NOT ACCOUNT FOR BULKING OR COMPACTION.
5. THE EXISTING GROUND SURFACE IS DERIVED FROM LIDAR SURVEY TITLED "CANTERBURY - SELWYN LIDAR 1m DEM (2023)". THE DATASET WAS CAPTURED BETWEEN 24 MARCH 2024 AND 4 MAY 2023 AND WAS SOURCED FROM LAND INFORMATION NEW ZEALAND (LINZ) DATA SERVICE.
6. THE ENGINEER MUST INSPECT THE SUBGRADE PRIOR TO PLACEMENT OF ANY FILL.
7. ALL FILL GREATER THAN 250mm IN DEPTH MUST BE PLACED IN ACCORDANCE WITH NZS 4431:2022.
8. ALL WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH THE SELWYN DISTRICT COUNCIL ENGINEERING CODE OF PRACTICE (SDC ECOP).
9. ALL BOUNDARY INFORMATION IS SUBJECT TO CONFIRMATION BY CADASTRAL SURVEY, IF REQUIRED.
10. THE CONTRACTOR MUST LOCATE, IDENTIFY, AND PROTECT ALL EXISTING SERVICES BEFORE STARTING ANY EARTHWORKS.
11. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING ALL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO COMMENCING SITE WORKS.

LEGEND:

- SITE BOUNDARY
- EXISTING BOUNDARY
- PROPOSED LOT BOUNDARY
- 20m SETBACK

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: CUT / FILL PLAN SHEET 2 OF 4

REVISION DETAILS		BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-		-
DESIGNED	LED		06/10/2026
DRAWN	ARA		06/10/2026
REVIEWED	CS		02/10/2026
APPROVED	MP		02/11/2026
SCALE	1:2,000 @A1	1:4,000 @A3	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION		A
DWG NO	16521-00-EN-2102		

Synergy Version:

Plot Date: 11:39:11 am, 2 November 2026, KIM CHEN

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-2100.DWG



0 40 100 200 SCALE (m) 1:2,000 @A1
1:4,000 @A3

NOTES:

1. ALL LEVELS IN TERMS OF NZVD2016.
2. COORDINATES IN TERMS OF NZGD2000 MT PLEASANT CIRCUIT.
3. CUT TO FILL VOLUMES ARE CALCULATED FROM TOPSOIL STRIP (EXISTING SURFACE MINUS 310MM) TO DESIGN SUBGRADE SURFACE NOT INCLUDING TOPSOIL WITH NO ALLOWANCE FOR TRENCHING FOR SERVICES OR ROAD PAVEMENT MAKEUP.
4. EARTHWORK VOLUMES ARE PRESENTED AS SOLID MEASURES AND DO NOT ACCOUNT FOR BULKING OR COMPACTION.
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6. THE ENGINEER MUST INSPECT THE SUBGRADE PRIOR TO PLACEMENT OF ANY FILL.
7. ALL FILL GREATER THAN 250mm IN DEPTH MUST BE PLACED IN ACCORDANCE WITH NZS 4431:2022.
8. ALL WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH THE SELWYN DISTRICT COUNCIL ENGINEERING CODE OF PRACTICE (SDC ECOP).
9. ALL BOUNDARY INFORMATION IS SUBJECT TO CONFIRMATION BY CADASTRAL SURVEY, IF REQUIRED.
10. THE CONTRACTOR MUST LOCATE, IDENTIFY, AND PROTECT ALL EXISTING SERVICES BEFORE STARTING ANY EARTHWORKS.
11. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING ALL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO COMMENCING SITE WORKS.

LEGEND:

- SITE BOUNDARY
- EXISTING BOUNDARY
- PROPOSED LOT BOUNDARY
- 20m SETBACK

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: CUT / FILL PLAN SHEET 3 OF 4

	REVISION DETAILS	BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	LED	06/10/2026
DRAWN	ARA	06/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:2,000 @A1 1:4,000 @A3 REVISION

STATUS FOR CONSENT / NOT FOR CONSTRUCTION — A

DWG NO 16521-00-EN-2103

Synergy Version:

Plot Date: 11:40:16 am,2 November 2026, KIM CHEN

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-2100.DWG



NOTES:

1. ALL LEVELS IN TERMS OF NZVD2016.
2. COORDINATES IN TERMS OF NZGD2000 MT PLEASANT CIRCUIT.
3. CUT TO FILL VOLUMES ARE CALCULATED FROM TOPSOIL STRIP (EXISTING SURFACE MINUS 310MM) TO DESIGN SUBGRADE SURFACE NOT INCLUDING TOPSOIL WITH NO ALLOWANCE FOR TRENCHING FOR SERVICES OR ROAD PAVEMENT MAKEUP.
4. EARTHWORK VOLUMES ARE PRESENTED AS SOLID MEASURES AND DO NOT ACCOUNT FOR BULKING OR COMPACTION.
5. THE EXISTING GROUND SURFACE IS DERIVED FROM LIDAR SURVEY TITLED "CANTERBURY - SELWYN LIDAR 1m DEM (2023)". THE DATASET WAS CAPTURED BETWEEN 24 MARCH 2024 AND 4 MAY 2023 AND WAS SOURCED FROM LAND INFORMATION NEW ZEALAND (LINZ) DATA SERVICE.
6. THE ENGINEER MUST INSPECT THE SUBGRADE PRIOR TO PLACEMENT OF ANY FILL.
7. ALL FILL GREATER THAN 250mm IN DEPTH MUST BE PLACED IN ACCORDANCE WITH NZS 4431:2022.
8. ALL WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH THE SELWYN DISTRICT COUNCIL ENGINEERING CODE OF PRACTICE (SDC ECOP).
9. ALL BOUNDARY INFORMATION IS SUBJECT TO CONFIRMATION BY CADASTRAL SURVEY, IF REQUIRED.
10. THE CONTRACTOR MUST LOCATE, IDENTIFY, AND PROTECT ALL EXISTING SERVICES BEFORE STARTING ANY EARTHWORKS.
11. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING ALL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO COMMENCING SITE WORKS.

LEGEND:

- SITE BOUNDARY
- EXISTING BOUNDARY
- PROPOSED LOT BOUNDARY
- 20m SETBACK

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: CUT / FILL PLAN SHEET 4 OF 4

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

SURVEYED	-		-
DESIGNED	LED		06/10/2026
DRAWN	ARA		06/10/2026
REVIEWED	CS		02/10/2026
APPROVED	MP		02/11/2026
SCALE	1:2,000 @A1	1:4,000 @A3	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION		A
DWG NO	16521-00-EN-2104		

Synergy Version:

Plot Date: 11:41:22 am,2 November 2026, KIM CHEN

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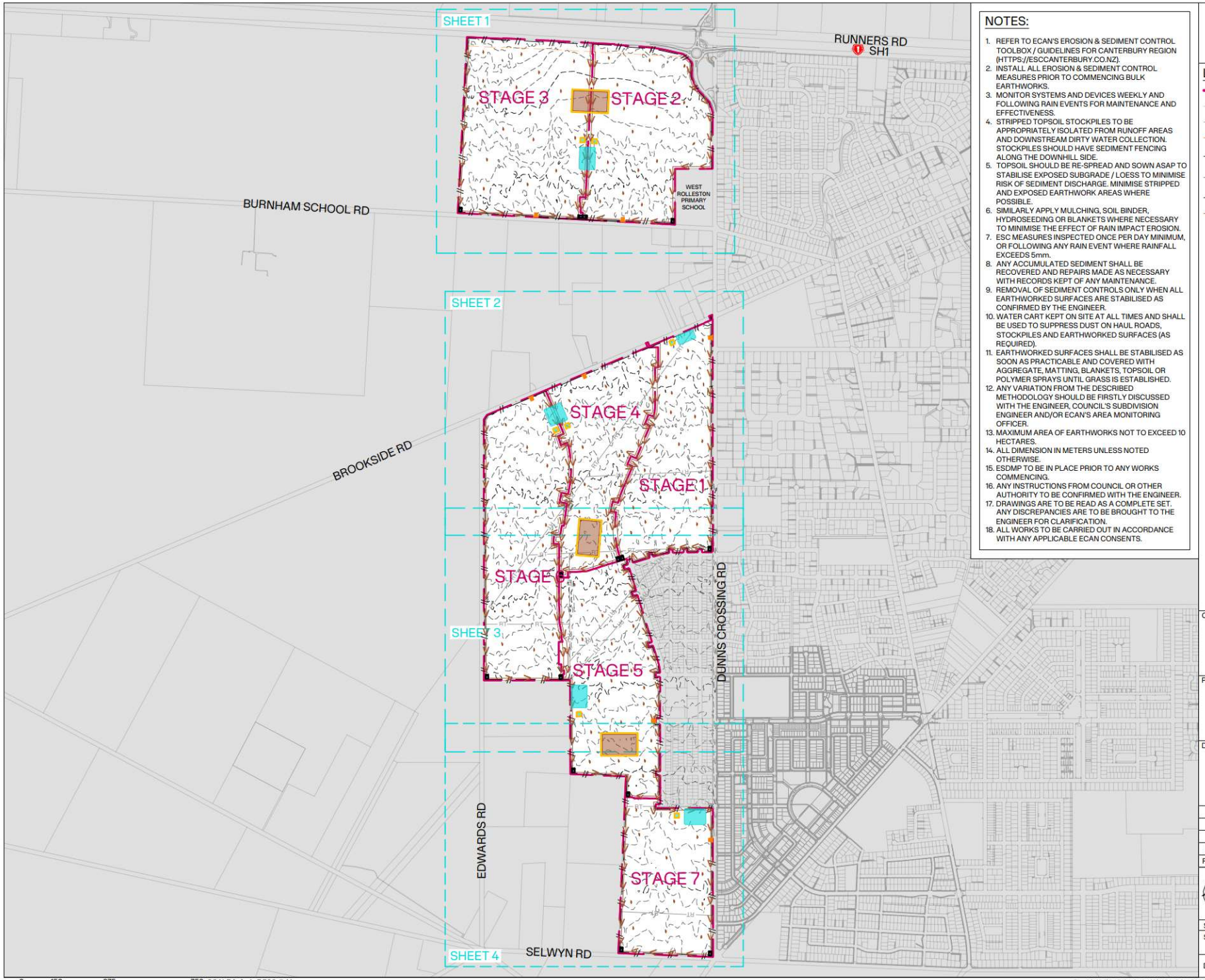


NOTES:

1. REFER TO ECAN'S EROSION & SEDIMENT CONTROL TOOLBOX / GUIDELINES FOR CANTERBURY REGION (HTTPS://ESCCANTERBURY.CO.NZ).
2. INSTALL ALL EROSION & SEDIMENT CONTROL MEASURES PRIOR TO COMMENCING BULK EARTHWORKS.
3. MONITOR SYSTEMS AND DEVICES WEEKLY AND FOLLOWING RAIN EVENTS FOR MAINTENANCE AND EFFECTIVENESS.
4. STRIPPED TOPSOIL STOCKPILES TO BE APPROPRIATELY ISOLATED FROM RUNOFF AREAS AND DOWNSTREAM DIRTY WATER COLLECTION. STOCKPILES SHOULD HAVE SEDIMENT FENCING ALONG THE DOWNHILL SIDE.
5. TOPSOIL SHOULD BE RE-SPREAD AND SOWN ASAP TO STABILISE EXPOSED SUBGRADE / LOESS TO MINIMISE RISK OF SEDIMENT DISCHARGE. MINIMISE STRIPPED AND EXPOSED EARTHWORK AREAS WHERE POSSIBLE.
6. SIMILARLY APPLY MULCHING, SOIL BINDER, HYDROSEEDING OR BLANKETS WHERE NECESSARY TO MINIMISE THE EFFECT OF RAIN IMPACT EROSION.
7. ESC MEASURES INSPECTED ONCE PER DAY MINIMUM, OR FOLLOWING ANY RAIN EVENT WHERE RAINFALL EXCEEDS 5mm.
8. ANY ACCUMULATED SEDIMENT SHALL BE RECOVERED AND REPAIRS MADE AS NECESSARY WITH RECORDS KEPT OF ANY MAINTENANCE.
9. REMOVAL OF SEDIMENT CONTROLS ONLY WHEN ALL EARTHWORKED SURFACES ARE STABILISED AS CONFIRMED BY THE ENGINEER.
10. WATER CART KEPT ON SITE AT ALL TIMES AND SHALL BE USED TO SUPPRESS DUST ON HAUL ROADS, STOCKPILES AND EARTHWORKED SURFACES (AS REQUIRED).
11. EARTHWORKED SURFACES SHALL BE STABILISED AS SOON AS PRACTICABLE AND COVERED WITH AGGREGATE, MATTING, BLANKETS, TOPSOIL OR POLYMER SPRAYS UNTIL GRASS IS ESTABLISHED.
12. ANY VARIATION FROM THE DESCRIBED METHODOLOGY SHOULD BE FIRSTLY DISCUSSED WITH THE ENGINEER, COUNCIL'S SUBDIVISION ENGINEER AND/OR ECAN'S AREA MONITORING OFFICER.
13. MAXIMUM AREA OF EARTHWORKS NOT TO EXCEED 10 HECTARES.
14. ALL DIMENSION IN METERS UNLESS NOTED OTHERWISE.
15. ESDMP TO BE IN PLACE PRIOR TO ANY WORKS COMMENCING.
16. ANY INSTRUCTIONS FROM COUNCIL OR OTHER AUTHORITY TO BE CONFIRMED WITH THE ENGINEER.
17. DRAWINGS ARE TO BE READ AS A COMPLETE SET. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ENGINEER FOR CLARIFICATION.
18. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH ANY APPLICABLE ECAN CONSENTS.

LEGEND:

- SITE BOUNDARY
- RECORD OF TITLE (Ex. BOUNDARY)
- EXISTING BOUNDARY
- 20m SETBACK
- EXISTING MAJOR CONTOURS SHOWN AT 2.5m INTERVALS
- EXISTING MINOR CONTOURS SHOWN AT 0.5m INTERVALS
- FENCE
- DIRTY WATER DIVERSION
- DIRTY WATER DIRECTION
- SOAK PIT
- STABILIZED ENTRANCE
- EARTH BUND
- HARDSTAND AREA
- STOCK PILE AREA

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: EROSION AND SEDIMENT CONTROL OVERVIEW PLAN

REVISION	DETAILS	BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	ARA	06/10/2026
DRAWN	ARA	06/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:8,000 @A1 1:16,000 @A3 REVISION

STATUS FOR CONSENT / NOT FOR CONSTRUCTION — A

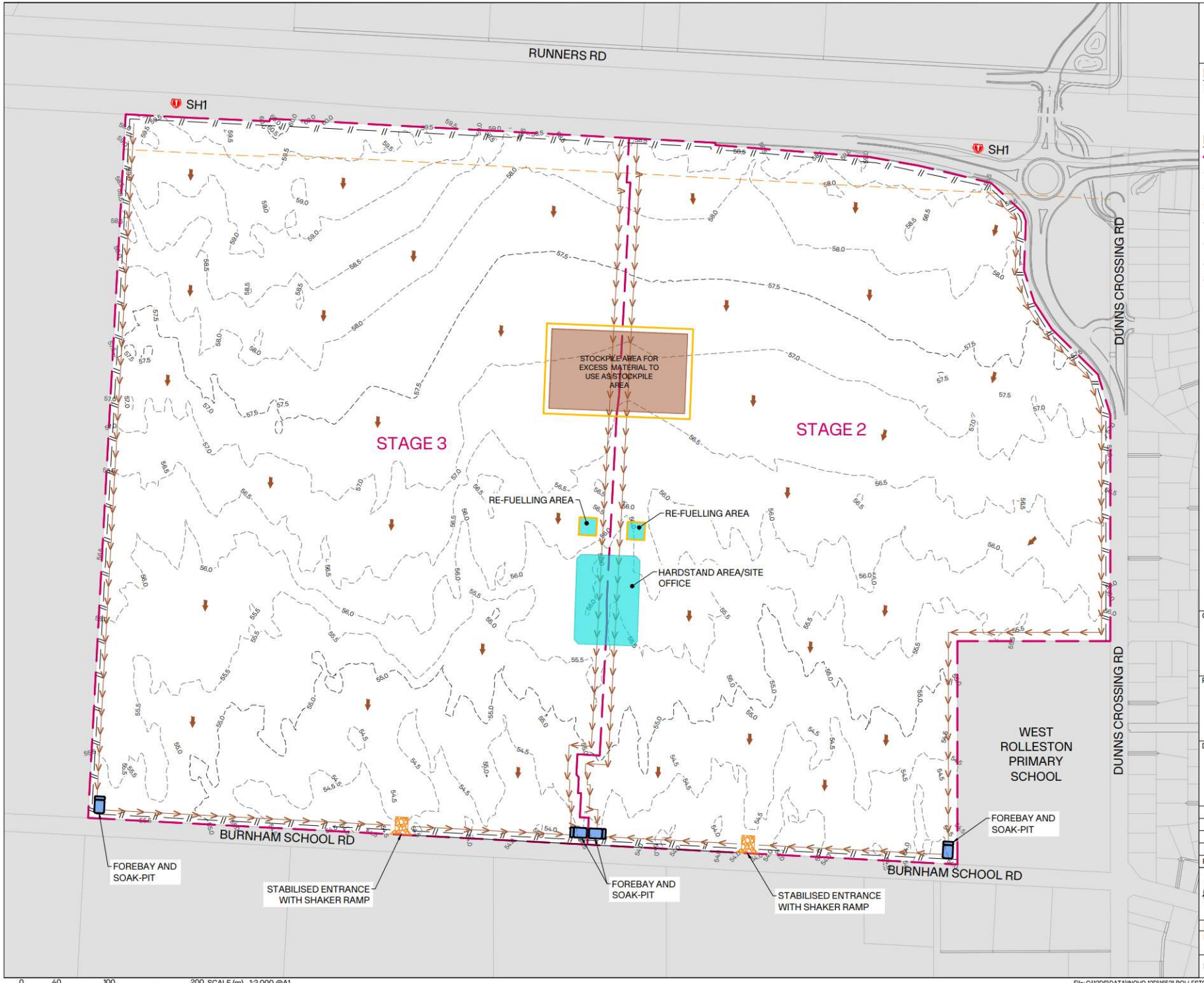
DWG NO 16521-00-EN-2600

0 150 375 750 SCALE (m) 1: 7,500 @A1 1:15,000 @A3

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-2600.DWG

Synergy Version:

Plot Date: 11:59:15 am, 2 November 2026, KIM CHEN



NOTES:

1. FOR GENERAL NOTES REFER TO DWG 16521-00-EN-2600

LEGEND:

- SITE BOUNDARY
- RECORD OF TITLE (Ex. BOUNDARY)
- EXISTING BOUNDARY
- 20m SETBACK
- EXISTING MAJOR CONTOURS SHOWN AT 2.5m INTERVALS
- EXISTING MINOR CONTOURS SHOWN AT 0.5m INTERVALS
- FENCE
- DIRTY WATER DIVERSION
- DIRTY WATER DIRECTION
- SOAK PIT
- STABILIZED ENTRANCE
- EARTH BUND
- HARDSTAND AREA
- STOCK PILE AREA

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: EROSION AND SEDIMENT CONTROL PLAN SHEET 1 OF 4

REVISION DETAILS	BY	DATE
A ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	ARA	06/10/2026
DRAWN	ARA	06/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:2,000 @A1 1:4,000 @A3 REVISION

STATUS FOR CONSENT NOT FOR CONSTRUCTION A

DWG NO 16521-00-EN-2601

0 40 100 200 SCALE (m) 1:2,000 @A1 1:4,000 @A3

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-2600.DWG

Synergy Version:

Plot Date: 11:59:18 am,2 November 2026, KIM CHEN



0 40 100 200 SCALE (m) 1:2,000 @A1
1:4,000 @A3

INOVO

NOTES:
1. FOR GENERAL NOTES REFER TO DWG 16521-00-EN-2600

LEGEND:
- SITE BOUNDARY
- RECORD OF TITLE (Ex. BOUNDARY)
- EXISTING BOUNDARY
- 20m SETBACK
- 10.0 EXISTING MAJOR CONTOURS SHOWN AT 2.5m INTERVALS
- 10.5 EXISTING MINOR CONTOURS SHOWN AT 0.5m INTERVALS
- FENCE
- DIRTY WATER DIVERSION
- DIRTY WATER DIRECTION
- SOAK PIT
- STABILIZED ENTRANCE
- EARTH BUND
- HARDSTAND AREA
- STOCK PILE AREA

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: EROSION AND SEDIMENT CONTROL PLAN SHEET 2 OF 4

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

SURVEYED	-	-
DESIGNED	ARA	06/10/2026
DRAWN	ARA	06/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:2,000 @A1 1:4,000 @A3 REVISION

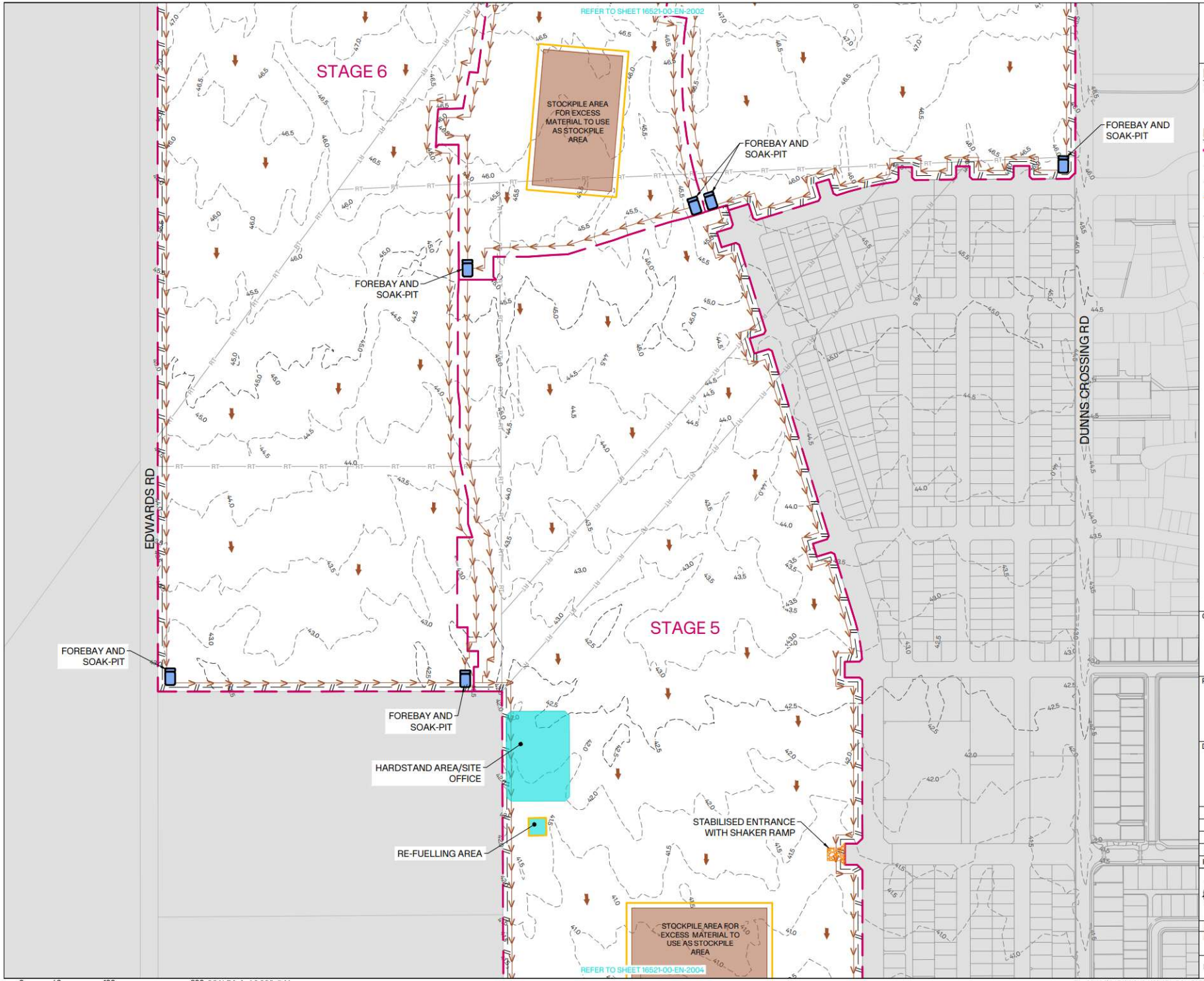
STATUS FOR CONSENT / NOT FOR CONSTRUCTION — A

DWG NO 16521-00-EN-2602

Synergy Version:

Plot Date: 11:59:21 am,2 November 2026, KIM CHEN

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-2600.DWG



NOTES:

1. FOR GENERAL NOTES REFER TO DWG 16521-00-EN-2600

LEGEND:

- SITE BOUNDARY
- RECORD OF TITLE (Ex. BOUNDARY)
- EXISTING BOUNDARY
- 20m SETBACK
- EXISTING MAJOR CONTOURS SHOWN AT 2.5m INTERVALS
- EXISTING MINOR CONTOURS SHOWN AT 0.5m INTERVALS
- FENCE
- DIRTY WATER DIVERSION
- DIRTY WATER DIRECTION
- SOAK PIT
- STABILIZED ENTRANCE
- EARTH BUND
- HARDSTAND AREA
- STOCK PILE AREA

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: EROSION AND SEDIMENT CONTROL PLAN SHEET 3 OF 4

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

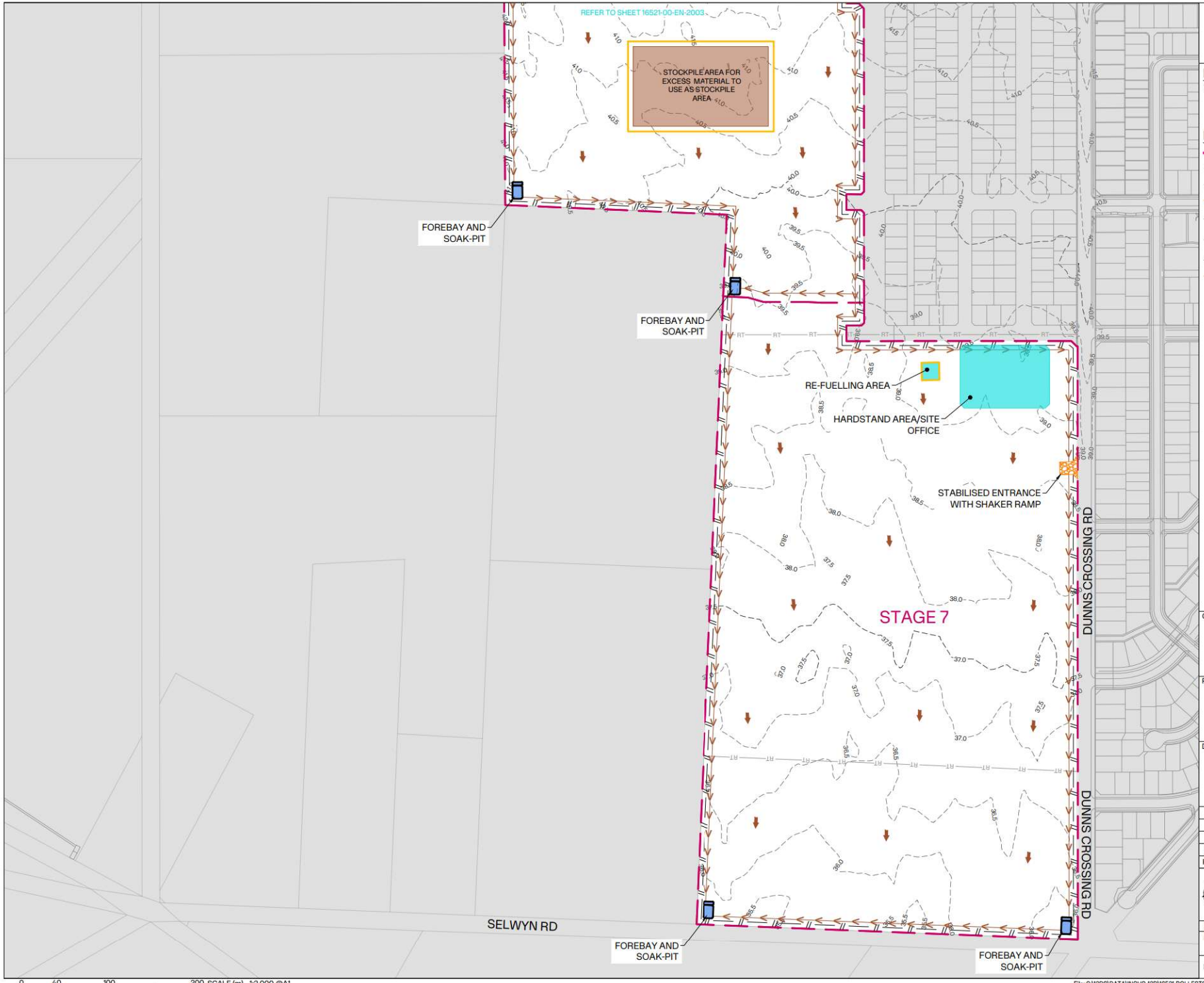
SURVEYED	-		-
DESIGNED	ARA		06/10/2026
DRAWN	ARA		06/10/2026
REVIEWED	CS		02/10/2026
APPROVED	MP		02/11/2026
SCALE	1:2,000 @A1	1:4,000 @A3	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION		A
DWG NO	16521-00-EN-2603		

0 40 100 200 SCALE (m) 1:2,000 @A1 1:4,000 @A3

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-2600.DWG

Synergy Version:

Plot Date: 11:59:25 am,2 November 2026, KIM CHEN



INOVO

NOTES:

1. FOR GENERAL NOTES REFER TO DWG 16521-00-EN-2600

LEGEND:

- SITE BOUNDARY
- RECORD OF TITLE (Ex. BOUNDARY)
- EXISTING BOUNDARY
- 20m SETBACK
- EXISTING MAJOR CONTOURS SHOWN AT 2.5m INTERVALS
- EXISTING MINOR CONTOURS SHOWN AT 0.5m INTERVALS
- FENCE
- DIRTY WATER DIVERSION
- DIRTY WATER DIRECTION
- SOAK PIT
- STABILIZED ENTRANCE
- EARTH BUND
- HARDSTAND AREA
- STOCK PILE AREA

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: EROSION AND SEDIMENT CONTROL PLAN SHEET 4 OF 4

REVISION DETAILS	BY	DATE
A ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	ARA	06/10/2026
DRAWN	ARA	06/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:2,000 @A1 1:4,000 @A3 REVISION

STATUS FOR CONSENT / NOT FOR CONSTRUCTION — A

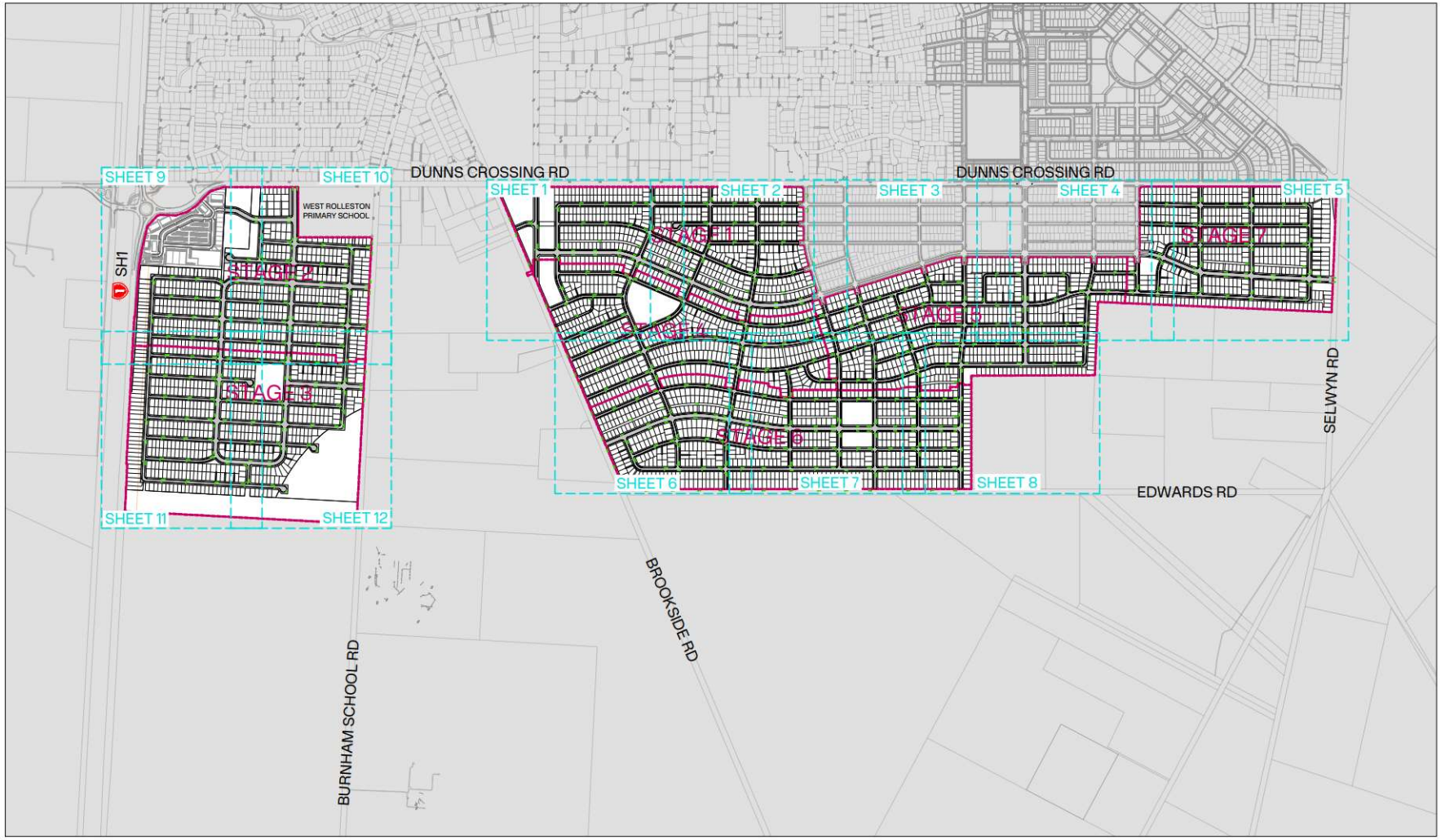
DWG NO 16521-00-EN-2604

0 40 100 200 SCALE (m) 1:2,000 @A1 1:4,000 @A3

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-2600.DWG

Synergy Version:

Plot Date: 11:59:29 am,2 November 2026, KIM CHEN



NOTES:

1. LEVELS ARE IN TERMS OF NEW ZEALAND VERTICAL DATUM2016 (NZVD2016)
2. COORDINATES ARE IN TERMS OF NZGD 2000 MT PLEASANT CIRCUIT.
3. ALL DIMENSIONS SHOWN ARE IN METRES UNLESS OTHERWISE NOTED.
4. DRAWINGS TO BE READ AS A COMPLETE SET, ANY DISCREPANCIES ARE TO BE REFERRED TO THE ENGINEER.
5. ALL INSTRUCTIONS FROM COUNCIL OR OTHER AUTHORITIES MUST BE CONFIRMED WITH THE ENGINEER.
6. ALL EROSION & SEDIMENT CONTROL MEASURES ARE TO BE ESTABLISHED PRIOR TO WORKS COMMENCING ON-SITE.
7. ALL EXISTING SERVICES ARE TO BE LOCATED, IDENTIFIED AND PROTECTED BY THE CONTRACTOR PRIOR TO COMMENCING EARTHWORKS.
8. CONTRACTOR TO CONFIRM SUB-GRADE CBR PRIOR TO PLACEMENT OF ANY SUB-BASE MATERIAL.
9. CARRIAGEWAYS GREATER THAN 9m TO BE FORMED WITH A CAMBER IN ACCORDANCE WITH CCC CSS SD623.
10. PEDESTRIAN AND ROAD CROSSING KERB CUTDOWNS TO BE FORMED IN ACCORDANCE WITH SDC STD No: RD 3.3.
11. KERB RADII SHOWN TO INVERT OF KERB
12. ALL CONCRETE FOR KERB AND CHANNEL TO HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 20MPa.
13. TACTILE PAVERS TO BE PLACED IN ACCORDANCE WITH NZTA RTS-14 AND TAN-TAN-20. FINAL LOCATIONS TO BE CONFIRMED ON SITE WITH THE ENGINEER AND SELWYN DISTRICT COUNCIL.
14. ALL LINEMARKING AND SIGNAGE TO BE IN ACCORDANCE WITH NZTA TRAFFIC CONTROL DEVICES MANUAL.
15. THE LOCATION OF EXISTING SERVICES MUST BE CONFIRMED ON SITE BY THE RELEVANT SERVICE PROVIDERS PRIOR TO ANY EXCAVATION OR DRAINAGE WORKS.
16. BACKFILLING AND BEDDING REQUIREMENTS SHALL COMPLY WITH THE SELWYN DISTRICT COUNCIL ENGINEERING CODE OF PRACTICE (SDC ECoP).
17. PIPE CONNECTIONS TO MANHOLES AND SUMPS MUST USE FLEXIBLE JOINTS IN ACCORDANCE WITH SDC ECoP.
18. ALL SINGLE AND DOUBLE SUMPS SHALL COMPLY WITH CCC CSS DRAWING SD325.
19. ALL PIPES SHALL BE uPVC WITH A MINIMUM STIFFNESS CLASS OF SN8 AND CONFORM TO AS/NZS 1260.
20. ALL uPVC PIPEWORK SHALL INCORPORATE RUBBER RING JOINTS TO ACCOMMODATE DIFFERENTIAL SETTLEMENT.
21. ALL SUMP LEADS ARE TO BE Ø225mm uPVC UNLESS OTHERWISE SPECIFIED.
22. FOR ROADING HIERARCHY AND FOOTPATH AND SHARED USER PATHS LOCATION REFER TO DRG 16521-00-EN-3050.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- ROAD - CARRIAGEWAY
- STORMWATER MAIN (PR/EX)
- SUMP/CATCHPIT (PR/EX)
- SOAKPIT (PR/EX)

0 150 375 750 SCALE (m) 1: 7,500 @A1
1:15,000 @A3

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING OVERVIEW PLAN

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

SURVEYED	-	-
DESIGNED	CS	01/10/2026
DRAWN	ARA	01/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:7,500 @A1 1:15,000 @A3 REVISION

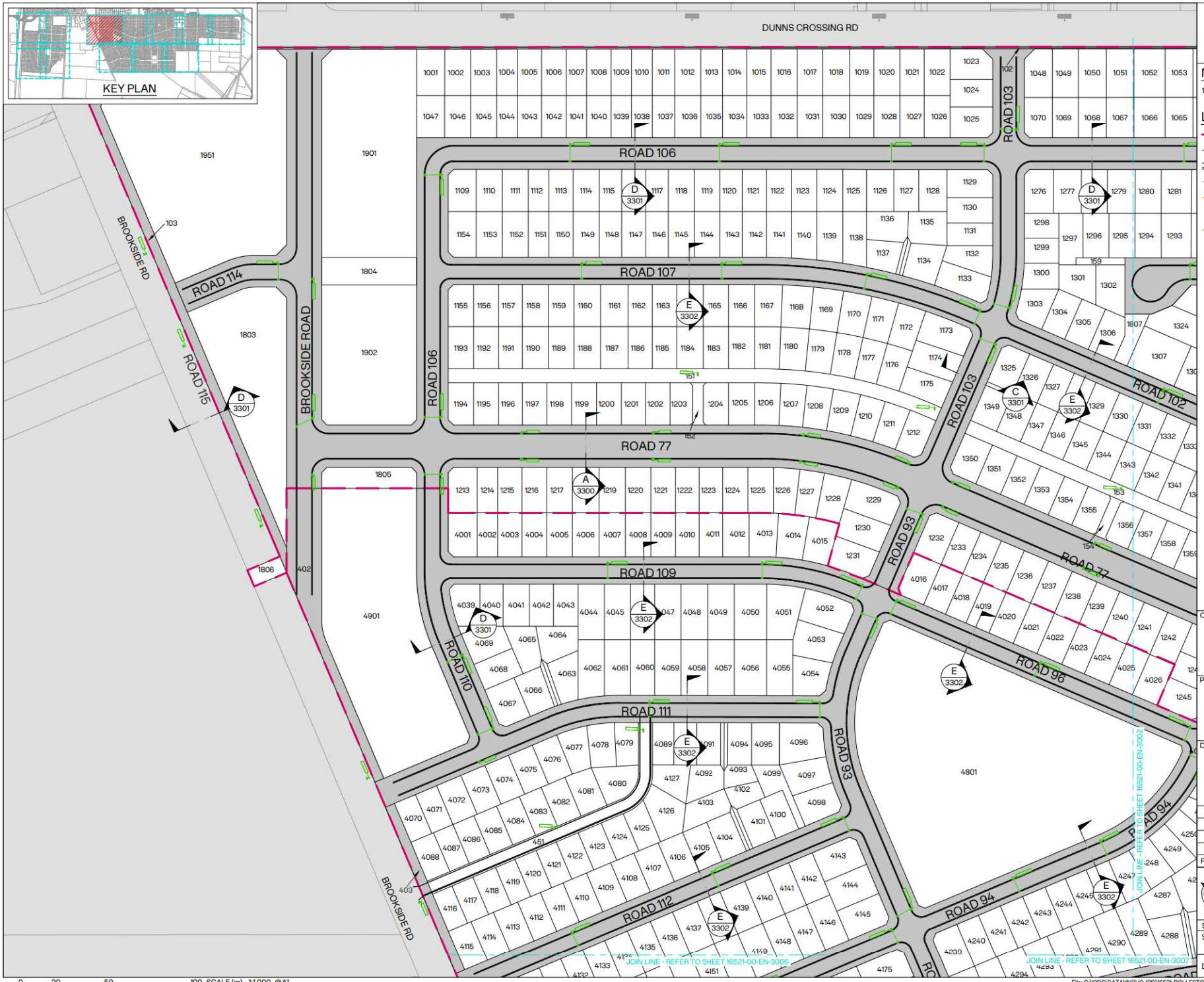
STATUS FOR CONSENT
NOT FOR CONSTRUCTION
A

DWG NO 16521-00-EN-3000

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-3000.DWG

Synergy Version:

Plot Date: 12:09:53 pm,2 November 2026, KIM CHEN



0 20 50 100 SCALE (m) 1:1,000 @A1
1:2,000 @A3

NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-3000.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- ROAD - CARRIAGEWAY
- STORMWATER MAIN (PR/EX)
- SUMP/CATCHPIT (PR/EX)
- SOAKPIT (PR/EX)

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING PLAN SHEET 1 OF 12

	REVISION DETAILS	BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	CS	01/10/2026
DRAWN	ARA	01/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:1,000 @A1 1:2,000 @A3 REVISION

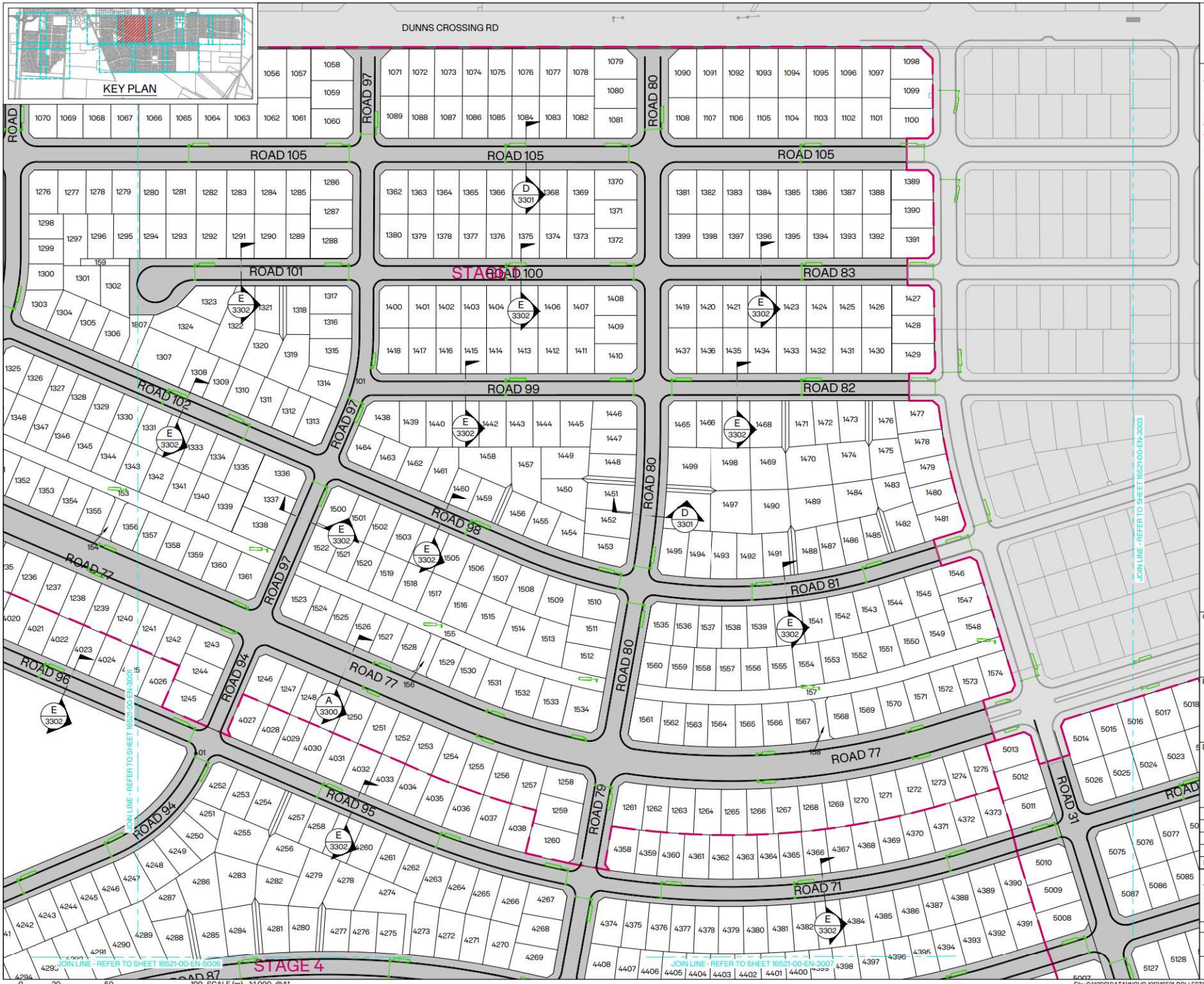
STATUS FOR CONSENT / NOT FOR CONSTRUCTION — A

DWG NO 16521-00-EN-3001

Synergy Version:

Plot Date: 12:10:00 pm,2 November 2026, KIM CHEN

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-3000.DWG



INOVO

NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-3000.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- ROAD - CARRIAGEWAY
- STORMWATER MAIN (PR/EX)
- SUMP/CATCHPIT (PR/EX)
- SOAKPIT (PR/EX)

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING PLAN SHEET 2 OF 12

REVISION	DETAILS	BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

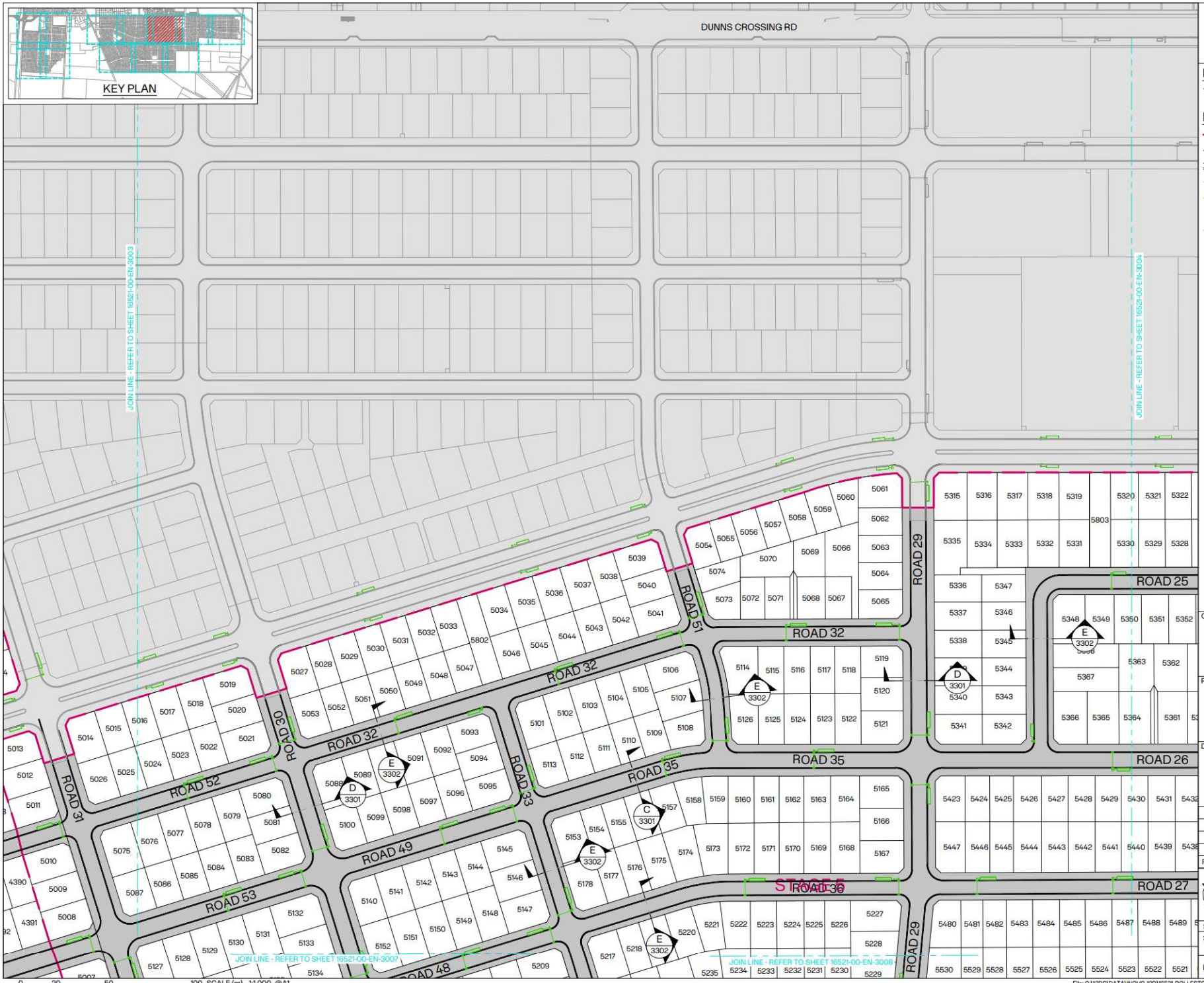
SURVEYED	-	-	
DESIGNED	CS	01/10/2026	
DRAWN	ARA	01/10/2026	
REVIEWED	CS	02/10/2026	
APPROVED	MP	02/11/2026	
SCALE	1:1,000 @A1	1:2,000 @A3	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION		A
DWG NO	16521-00-EN-3002		

0 20 50 100 SCALE (m) 1:1,000 @A1 1:2,000 @A3

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-3000.DWG

Synergy Version:

Plot Date: 12:10:07 pm,2 November 2026, KIM CHEN



NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-3000.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- ROAD - CARRIAGEWAY
- STORMWATER MAIN (PR/EX)
- SUMP/CATCHPIT (PR/EX)
- SOAKPIT (PR/EX)

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING PLAN SHEET 3 OF 12

REVISION DETAILS		BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026
	SURVEYED	-	-
	DESIGNED	CS	01/10/2026
	DRAWN	ARA	01/10/2026
	REVIEWED	CS	02/10/2026
	APPROVED	MP	02/11/2026

SCALE 1:1,000 @A1 1:2,000 @A3 REVISION

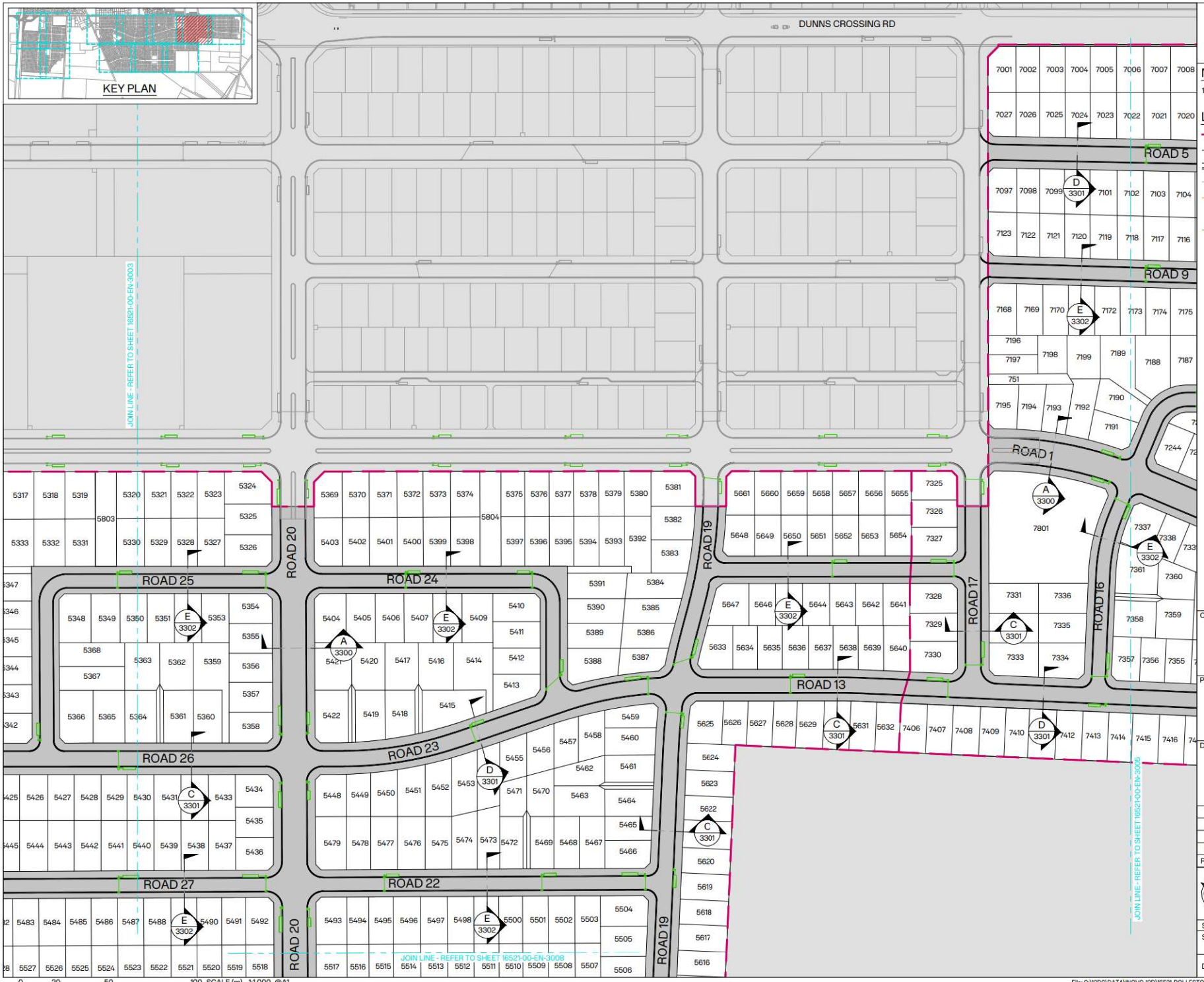
STATUS FOR CONSENT / NOT FOR CONSTRUCTION — A

DWG NO 16521-00-EN-3003

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-3000.DWG

Plot Date: 12:10:12 pm 2 November 2026, KIM CHEN

Synergy Version:



INOVO

NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-3000.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- ROAD - CARRIAGEWAY
- STORMWATER MAIN (PR/EX)
- SUMP/CATCHPIT (PR/EX)
- SOAKPIT (PR/EX)

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING PLAN SHEET 4 OF 12

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

SURVEYED	-	-
DESIGNED	CS	01/10/2026
DRAWN	ARA	01/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:1,000 @A1 1:2,000 @A3 REVISION

STATUS FOR CONSENT / NOT FOR CONSTRUCTION — A

DWG NO 16521-00-EN-3004

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-3000.DWG

Synergy Version:

Plot Date: 12:10:19 pm 2 November 2026, KIM CHEN



0 20 50 100 SCALE (m) 1:1,000 @A1 1:2,000 @A3

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-3000.DWG

INOVO

NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-3000.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- ROAD - CARRIAGEWAY
- STORMWATER MAIN (PR/EX)
- SUMP/CATCHPIT (PR/EX)
- SOAKPIT (PR/EX)

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

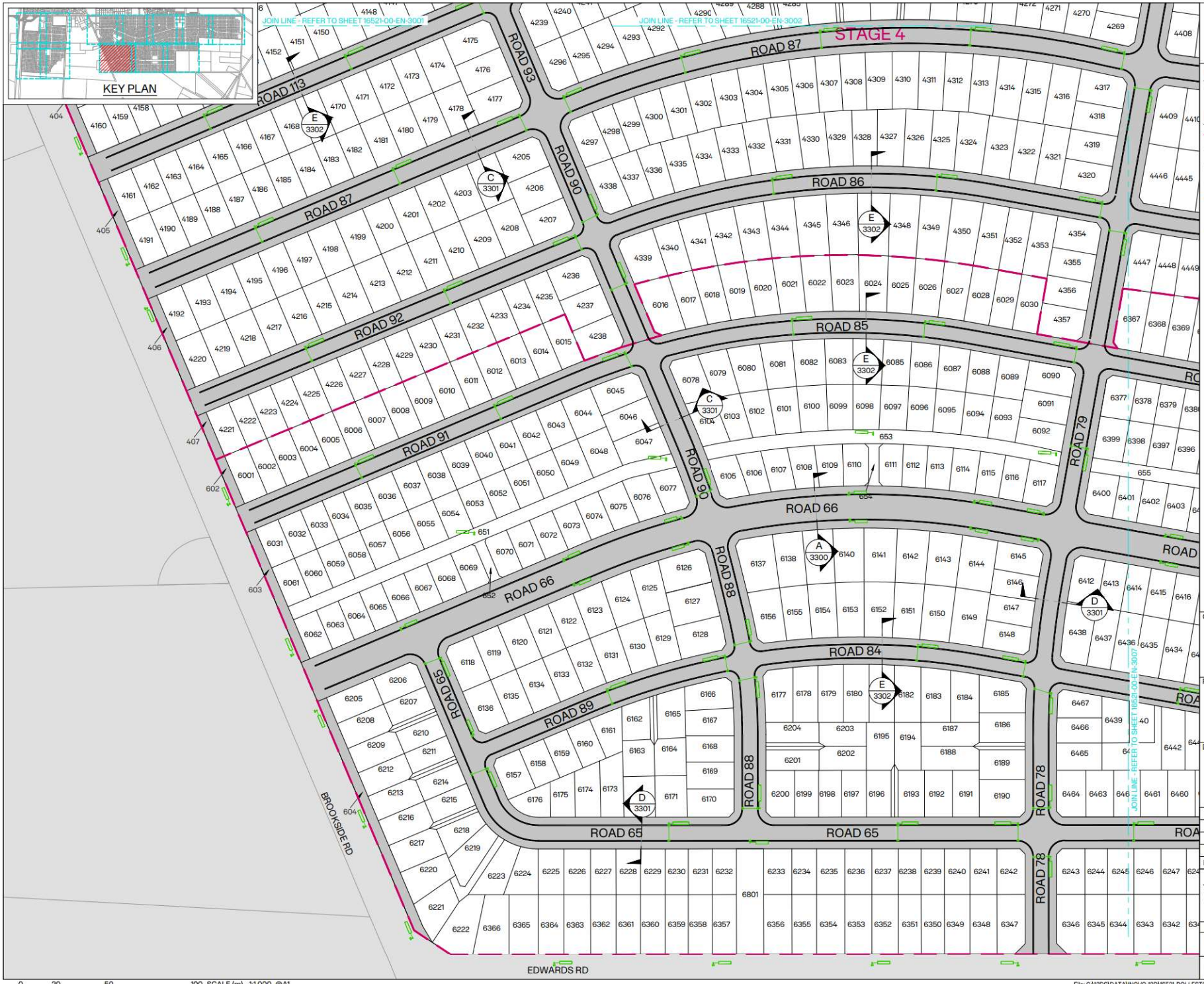
DRAWING TITLE: ROADING PLAN SHEET 5 OF 12

	REVISION DETAILS	BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

	SURVEYED	-	-
	DESIGNED	CS	01/10/2026
	DRAWN	ARA	01/10/2026
	REVIEWED	CS	02/10/2026
	APPROVED	MP	02/11/2026
SCALE	1:1,000 @A1	1:2,000 @A3	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION		A
DWG NO	16521-00-EN-3005		

Synergy Version:

Plot Date: 12:10:25 pm,2 November 2026, KIM CHEN



0 20 50 100 SCALE (m) 1:1,000 @A1 1:2,000 @A3

INOVO

NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-3000.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- ROAD - CARRIAGEWAY
- STORMWATER MAIN (PR/EX)
- SUMP/CATCHPIT (PR/EX)
- SOAKPIT (PR/EX)

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING PLAN SHEET 6 OF 12

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

SURVEYED	-	-
DESIGNED	CS	01/10/2026
DRAWN	ARA	01/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:1,000 @A1 1:2,000 @A3 REVISION

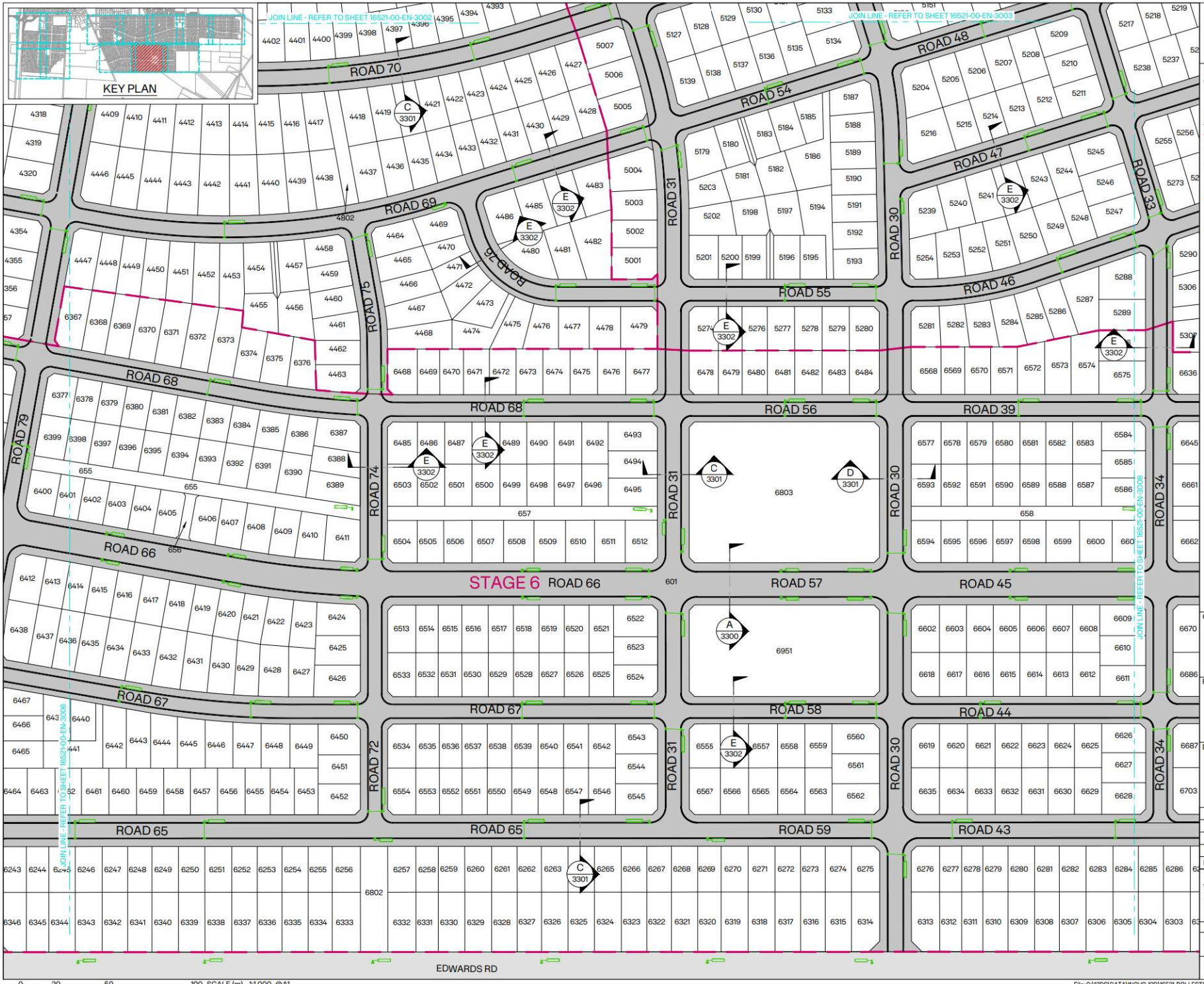
STATUS FOR CONSENT NOT FOR CONSTRUCTION A

DWG NO 16521-00-EN-3006

Synergy Version:

Plot Date: 12:10:31 pm 2 November 2026, KIM CHEN

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-3000.DWG



NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-3000.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- ROAD - CARRIAGEWAY
- STORMWATER MAIN (PR/EX)
- SUMP/CATCHPIT (PR/EX)
- SOAKPIT (PR/EX)

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING PLAN SHEET 7 OF 12

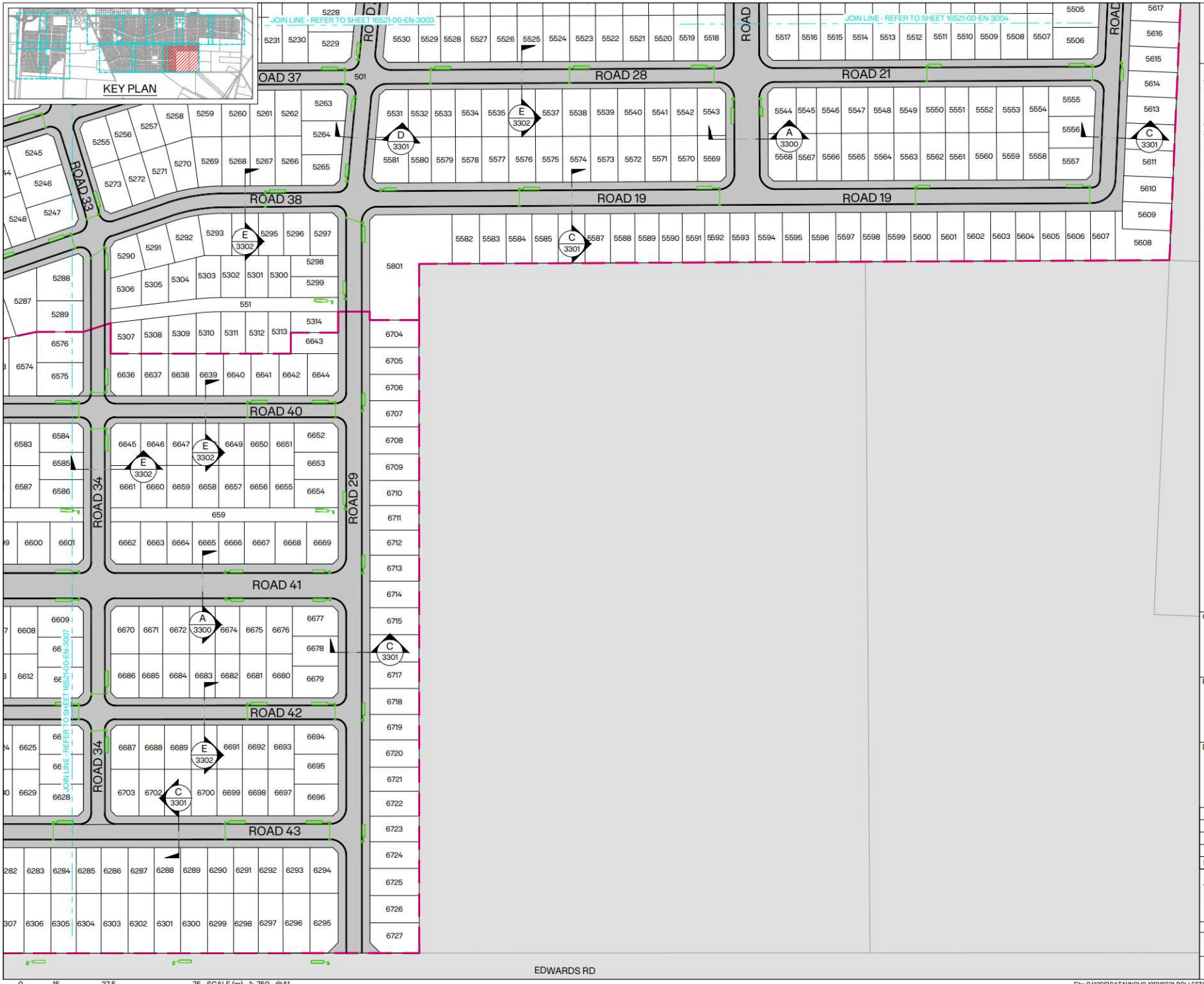
REVISION	DETAILS	BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-		-
DESIGNED	CS		01/10/2026
DRAWN	ARA		01/10/2026
REVIEWED	CS		02/10/2026
APPROVED	MP		02/11/2026
SCALE	1:1,000 @A1	1:2,000 @A3	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION		A
DWG NO	16521-00-EN-3007		

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-3000.DWG

Synergy Version:

Plot Date: 12:10:38 pm,2 November 2026, KIM CHEN



NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-3000.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- ROAD - CARRIAGEWAY
- SW — STORMWATER MAIN (PR/EX)
- SUMP/CATCHPIT (PR/EX)
- SOAKPIT (PR/EX)

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING PLAN SHEET 8 OF 12

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

SURVEYED	-	-
DESIGNED	CS	01/10/2026
DRAWN	ARA	01/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE: 1:750 @A1, 1:1,500 @A3 — REVISION: A

STATUS: FOR CONSENT / NOT FOR CONSTRUCTION

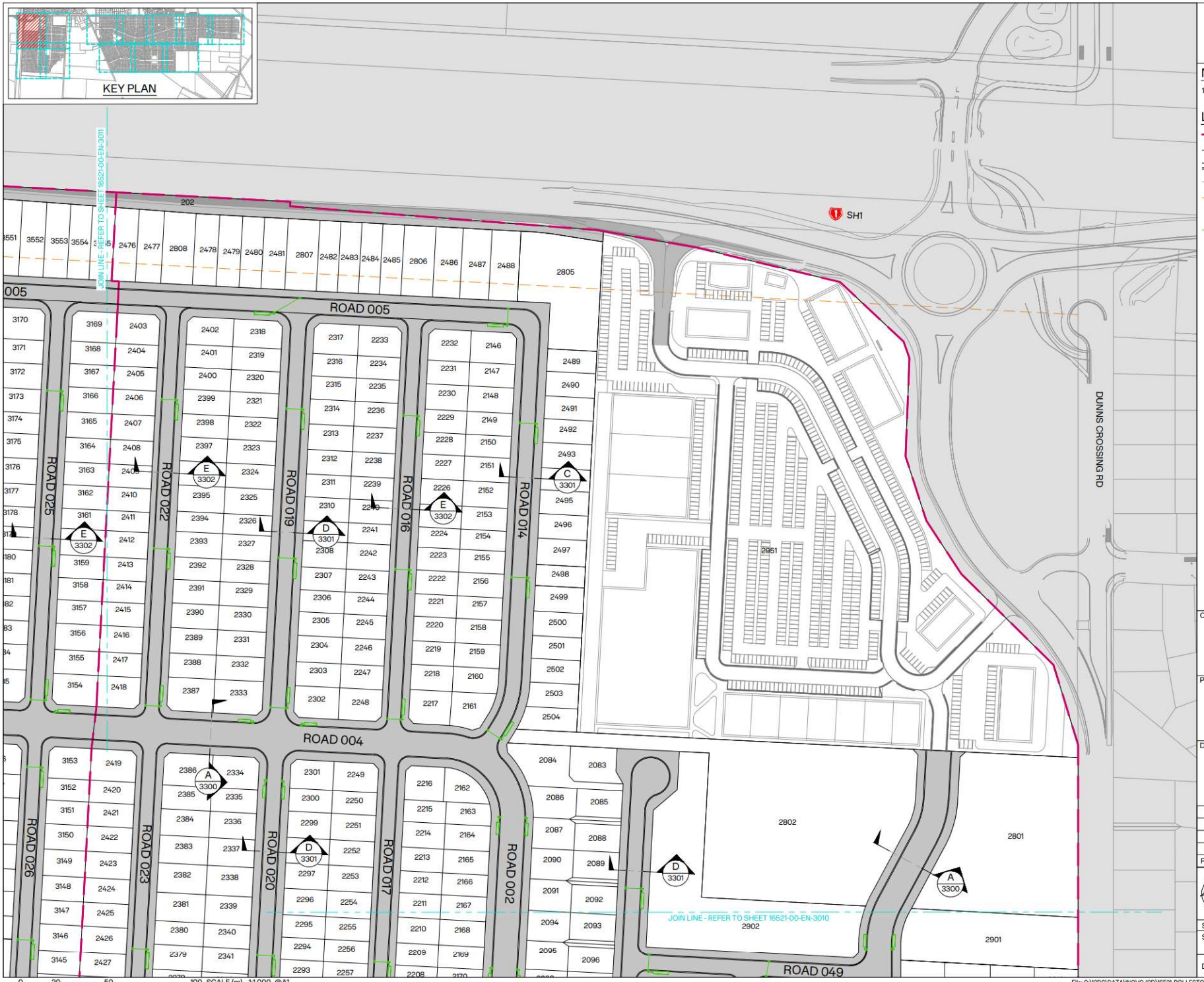
DWG NO: 16521-00-EN-3008

0 15 37.5 75 SCALE (m) 1: 750 @A1 1:1,500 @A3

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-3000.DWG

Synergy Version:

Plot Date: 12:10:44 pm,2 November 2026, KIM CHEN



NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-3000.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- ROAD - CARRIAGEWAY
- STORMWATER MAIN (PR/EX)
- SUMP/CATCHPIT (PR/EX)
- SOAKPIT (PR/EX)

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING PLAN SHEET 9 OF 12

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

SURVEYED	-	-
DESIGNED	CS	01/10/2026
DRAWN	ARA	01/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:1,000 @A1 1:2,000 @A3 REVISION

STATUS FOR CONSENT / NOT FOR CONSTRUCTION — A

DWG NO 16521-00-EN-3009

Synergy Version:

Plot Date: 12:10:50 pm,2 November 2026, KIM CHEN

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-3000.DWG



INOVO

NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-3000.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- ROAD - CARRIAGEWAY
- STORMWATER MAIN (PR/EX)
- SUMP/CATCHPIT (PR/EX)
- SOAKPIT (PR/EX)

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING PLAN SHEET 10 OF 12

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

SURVEYED	-	-
DESIGNED	CS	01/10/2026
DRAWN	ARA	01/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:1,000 @A1 1:2,000 @A3 REVISION

STATUS FOR CONSENT NOT FOR CONSTRUCTION A

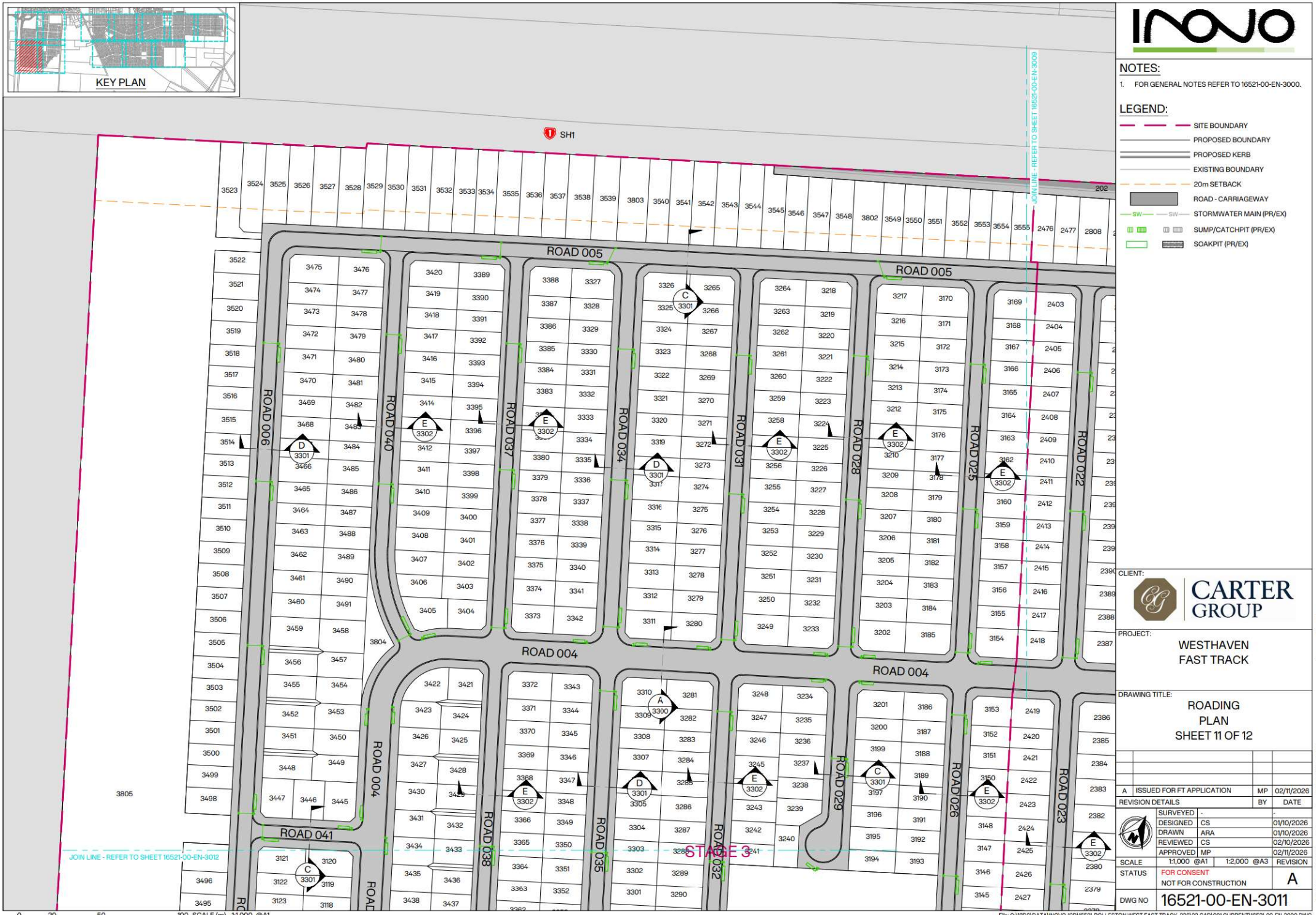
DWG NO 16521-00-EN-3010

0 20 50 100 SCALE (m) 1:1,000 @A1 1:2,000 @A3

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-3000.DWG

Synergy Version:

Plot Date: 12:10:56 pm,2 November 2026, KIM CHEN



NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-3000.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- ROAD - CARRIAGEWAY
- STORMWATER MAIN (PR/EX)
- SUMP/CATCHPIT (PR/EX)
- SOAKPIT (PR/EX)

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING PLAN SHEET 11 OF 12

REVISION	DETAILS	BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	CS	01/10/2026
DRAWN	ARA	01/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:1,000 @A1 1:2,000 @A3 REVISION

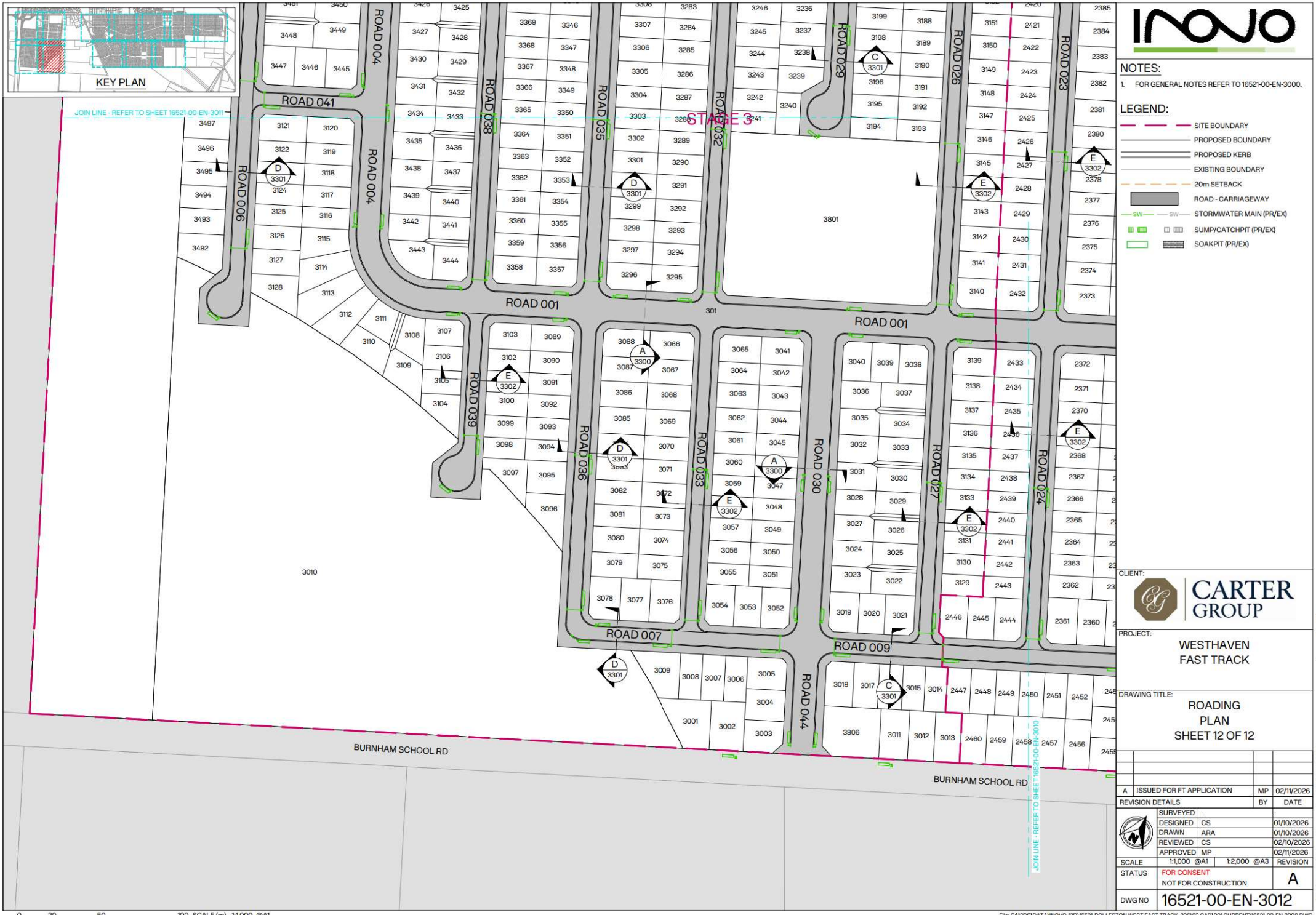
STATUS FOR CONSENT NOT FOR CONSTRUCTION A

DWG NO 16521-00-EN-3011

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-3000.DWG

Synergy Version:

Plot Date: 12:11:02 pm 2 November 2026, KIM CHEN



INOVO

NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-3000.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- ROAD - CARRIAGEWAY
- STORMWATER MAIN (PR/EX)
- SUMP/CATCHPIT (PR/EX)
- SOAKPIT (PR/EX)

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING PLAN SHEET 12 OF 12

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

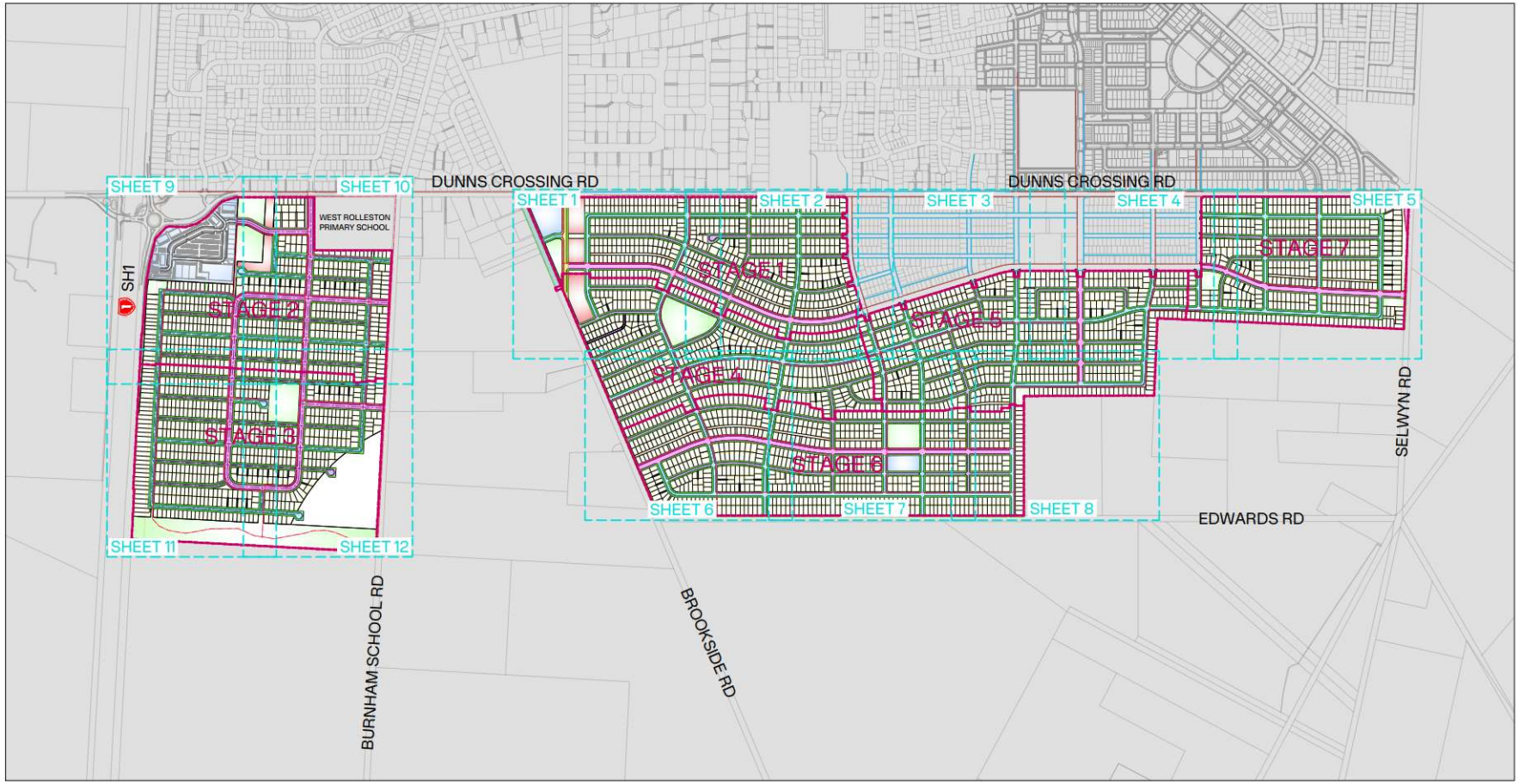
SURVEYED	-		-
DESIGNED	CS		01/10/2026
DRAWN	ARA		01/10/2026
REVIEWED	CS		02/10/2026
APPROVED	MP		02/11/2026
SCALE	1:1,000 @A1	1:2,000 @A3	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION		A
DWG NO	16521-00-EN-3012		

0 20 50 100 SCALE (m) 1:1,000 @A1 1:2,000 @A3

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-3000.DWG

Synergy Version:

Plot Date: 12:11:09 pm 2 November 2026, KIM CHEN



NOTES:

1. ALL LEVELS IN TERMS OF NZVD2016.
2. CO-ORDINATES IN TERMS OF NZGD2000 MT PLEASANT CIRCUIT.
3. DRAWINGS TO BE READ AS A COMPLETE SET, ANY DISCREPANCIES ARE TO BE REFERRED TO THE ENGINEER.
4. ALL INSTRUCTIONS FROM COUNCIL OR OTHER AUTHORITIES MUST BE CONFIRMED WITH THE ENGINEER.
5. ALL EROSION & SEDIMENT CONTROL MEASURES ARE TO BE ESTABLISHED PRIOR TO WORKS COMMENCING ON-SITE.
6. ALL EXISTING SERVICES ARE TO BE LOCATED, IDENTIFIED AND PROTECTED BY THE CONTRACTOR PRIOR TO COMMENCING EARTHWORKS.
7. CONTRACTOR TO CONFIRM SUB-GRADE CBR PRIOR TO PLACEMENT OF ANY SUB-BASE MATERIAL.
8. CARRIAGEWAYS GREATER THAN 9m TO BE FORMED WITH A CAMBER IN ACCORDANCE WITH CCC CSS SD623.
9. PEDESTRIAN AND ROAD CROSSING KERB CUTDOWNS TO BE FORMED IN ACCORDANCE WITH SDC STD No: RD 3.3.
10. KERB RADII SHOWN TO INVERT OF KERB
11. ALL CONCRETE FOR KERB AND CHANNEL TO HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 20MPa.
12. TACTILE PAVERS TO BE PLACED IN ACCORDANCE WITH NZTA RTS-14 AND TAN-TAN-20. FINAL LOCATIONS TO BE CONFIRMED ON SITE WITH THE ENGINEER AND SELWYN DISTRICT COUNCIL.
13. ALL LINEMARKING AND SIGNAGE TO BE IN ACCORDANCE WITH NZTA TRAFFIC CONTROL DEVICES MANUAL.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- RESERVE
- MEDIUM DENSITY
- HIGH DENSITY
- R.O.W
- COMMERCIAL AREA
- WASTEWATER PUMP STATION
- ROAD - 24m WIDE
- ROAD - 20m WIDE
- ROAD - 18m WIDE
- ROAD - 15.5m WIDE
- PROPOSED PEDESTRIAN FOOTPATH
- PROPOSED SHARED FOOTPATH
- EXISTING SHARED FOOTPATH
- EXISTING PEDESTRIAN FOOTPATH

0 150 375 750 SCALE (m) 1: 7,500 @A1
1:15,000 @A3

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING HIERARCHY AND PEDESTRIAN SHARED PATH OVERVIEW PLAN

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

SURVEYED	-	-
DESIGNED	CS	01/10/2026
DRAWN	ARA	01/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:7,500 @A1 1:15,000 @A3 REVISION

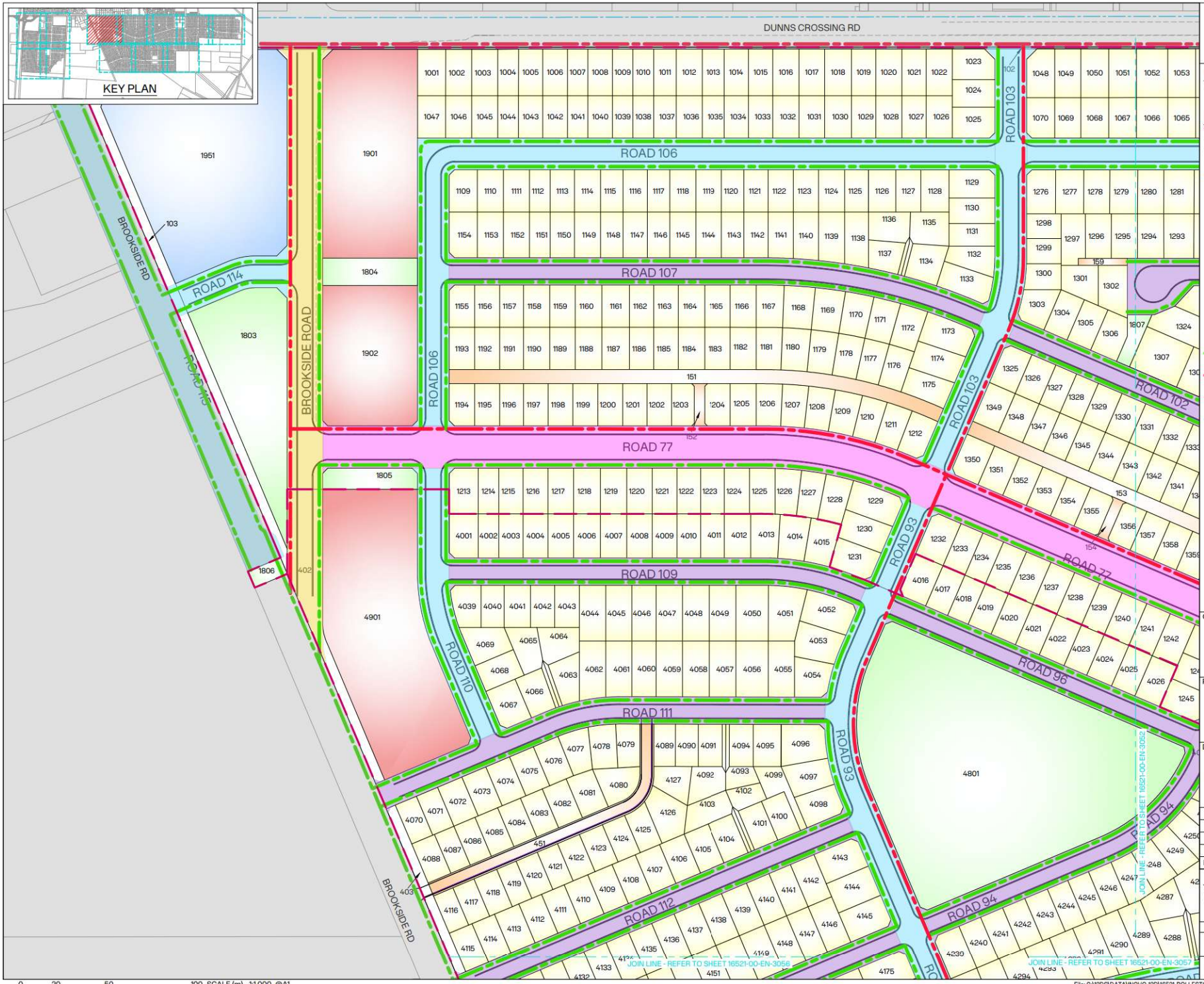
STATUS FOR CONSENT
NOT FOR CONSTRUCTION
A

DWG NO 16521-00-EN-3050

Synergy Version:

Plot Date: 12:21:33 pm,2 November 2026, KIM CHEN

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-3050.DWG



NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-3050.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- RESERVE
- MEDIUM DENSITY
- HIGH DENSITY
- R.O.W
- COMMERCIAL AREA
- WASTEWATER PUMP STATION
- ROAD - 24m WIDE
- ROAD - 20m WIDE
- ROAD - 18m WIDE
- ROAD - 15.5m WIDE
- PROPOSED PEDESTRIAN FOOTPATH
- PROPOSED SHARED FOOTPATH
- EXISTING SHARED FOOTPATH
- EXISTING PEDESTRIAN FOOTPATH

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING HIERARCHY AND PEDESTRIAN SHARED PATH PLAN SHEET 1 OF 12

REVISION DETAILS	BY	DATE
A ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	CS	01/10/2026
DRAWN	ARA	01/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:1,000 @A1 1:2,000 @A3 REVISION

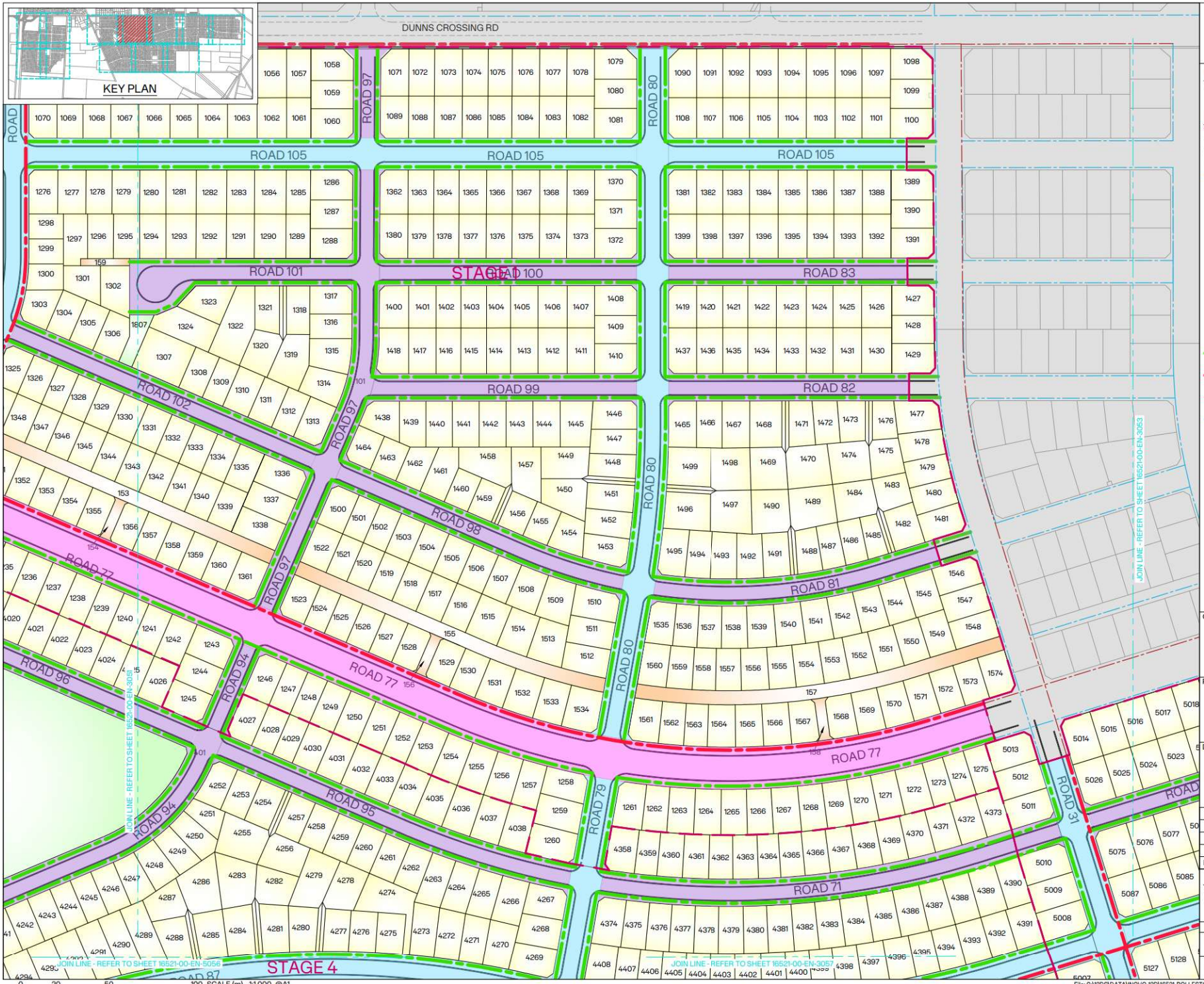
STATUS FOR CONSENT / NOT FOR CONSTRUCTION — A

DWG NO 16521-00-EN-3051

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-3050.DWG

Synergy Version:

Plot Date: 12:21:40 pm,2 November 2026, KIM CHEN



0 20 50 100 SCALE (m) 1:1,000 @A1 1:2,000 @A3

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-3050.DWG

INOVO

NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-3050.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- RESERVE
- MEDIUM DENSITY
- HIGH DENSITY
- R.O.W
- COMMERCIAL AREA
- WASTEWATER PUMP STATION
- ROAD - 24m WIDE
- ROAD - 20m WIDE
- ROAD - 18m WIDE
- ROAD - 15.5m WIDE
- PROPOSED PEDESTRIAN FOOTPATH
- PROPOSED SHARED FOOTPATH
- EXISTING SHARED FOOTPATH
- EXISTING PEDESTRIAN FOOTPATH

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

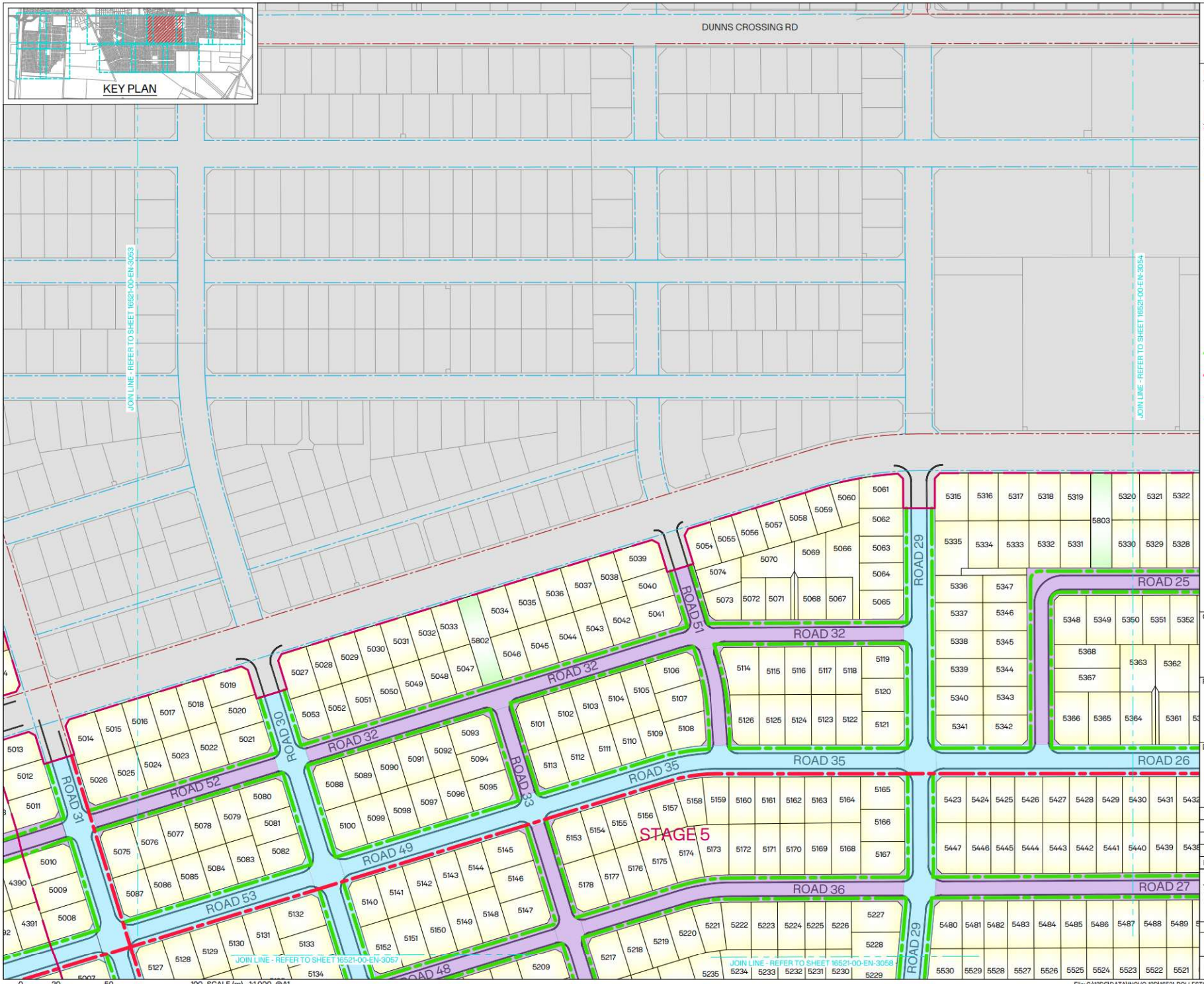
DRAWING TITLE: ROADING HIERARCHY AND PEDESTRIAN SHARED PATH PLAN SHEET 2 OF 12

REVISION	DETAILS	BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-	
DESIGNED	CS	01/10/2026	
DRAWN	ARA	01/10/2026	
REVIEWED	CS	02/10/2026	
APPROVED	MP	02/11/2026	
SCALE	1:1,000 @A1 1:2,000 @A3	REVISION	
STATUS	FOR CONSENT NOT FOR CONSTRUCTION	A	
DWG NO	16521-00-EN-3052		

Synergy Version:

Plot Date: 12:21:47 pm,2 November 2026, KIM CHEN



INOVO

NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-3050.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- RESERVE
- MEDIUM DENSITY
- HIGH DENSITY
- R.O.W
- COMMERCIAL AREA
- WASTEWATER PUMP STATION
- ROAD - 24m WIDE
- ROAD - 20m WIDE
- ROAD - 18m WIDE
- ROAD - 15.5m WIDE
- PROPOSED PEDESTRIAN FOOTPATH
- PROPOSED SHARED FOOTPATH
- EXISTING SHARED FOOTPATH
- EXISTING PEDESTRIAN FOOTPATH

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING HIERARCHY AND PEDESTRIAN SHARED PATH PLAN SHEET 3 OF 12

REVISION DETAILS	BY	DATE
A ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	CS	01/10/2026
DRAWN	ARA	01/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:1,000 @A1 1:2,000 @A3 REVISION

STATUS FOR CONSENT NOT FOR CONSTRUCTION A

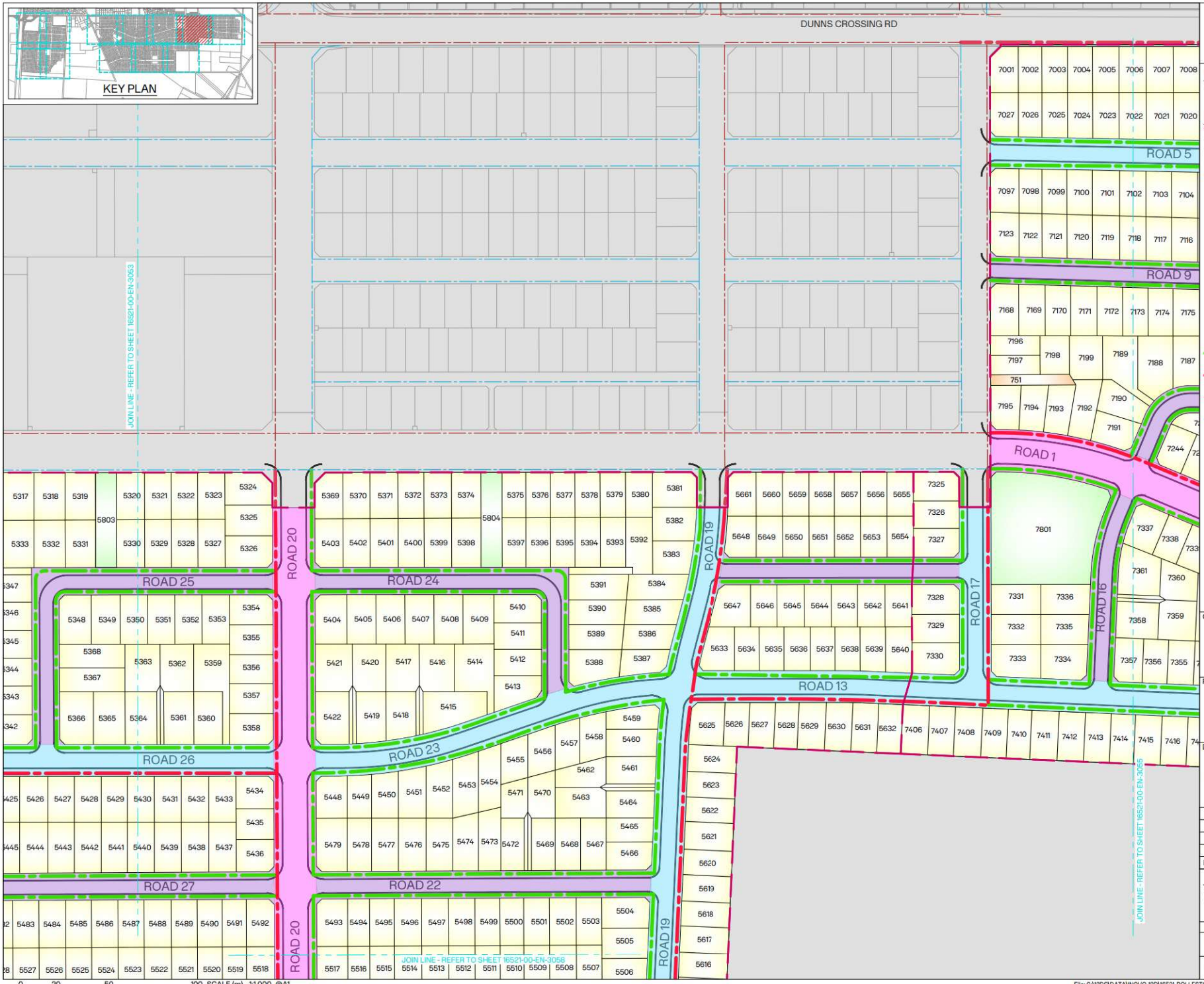
DWG NO 16521-00-EN-3053

0 20 50 100 SCALE (m) 1:1,000 @A1 1:2,000 @A3

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-3050.DWG

Synergy Version:

Plot Date: 12:21:53 pm,2 November 2026, KIM CHEN



0 20 50 100 SCALE (m) 1:1,000 @A1 1:2,000 @A3

NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-3050.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- RESERVE
- MEDIUM DENSITY
- HIGH DENSITY
- R.O.W
- COMMERCIAL AREA
- WASTEWATER PUMP STATION
- ROAD - 24m WIDE
- ROAD - 20m WIDE
- ROAD - 18m WIDE
- ROAD - 15.5m WIDE
- PROPOSED PEDESTRIAN FOOTPATH
- PROPOSED SHARED FOOTPATH
- EXISTING SHARED FOOTPATH
- EXISTING PEDESTRIAN FOOTPATH

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING HIERARCHY AND PEDESTRIAN SHARED PATH PLAN SHEET 4 OF 12

REVISION DETAILS	BY	DATE
A ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	CS	01/10/2026
DRAWN	ARA	01/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:1,000 @A1 1:2,000 @A3 REVISION

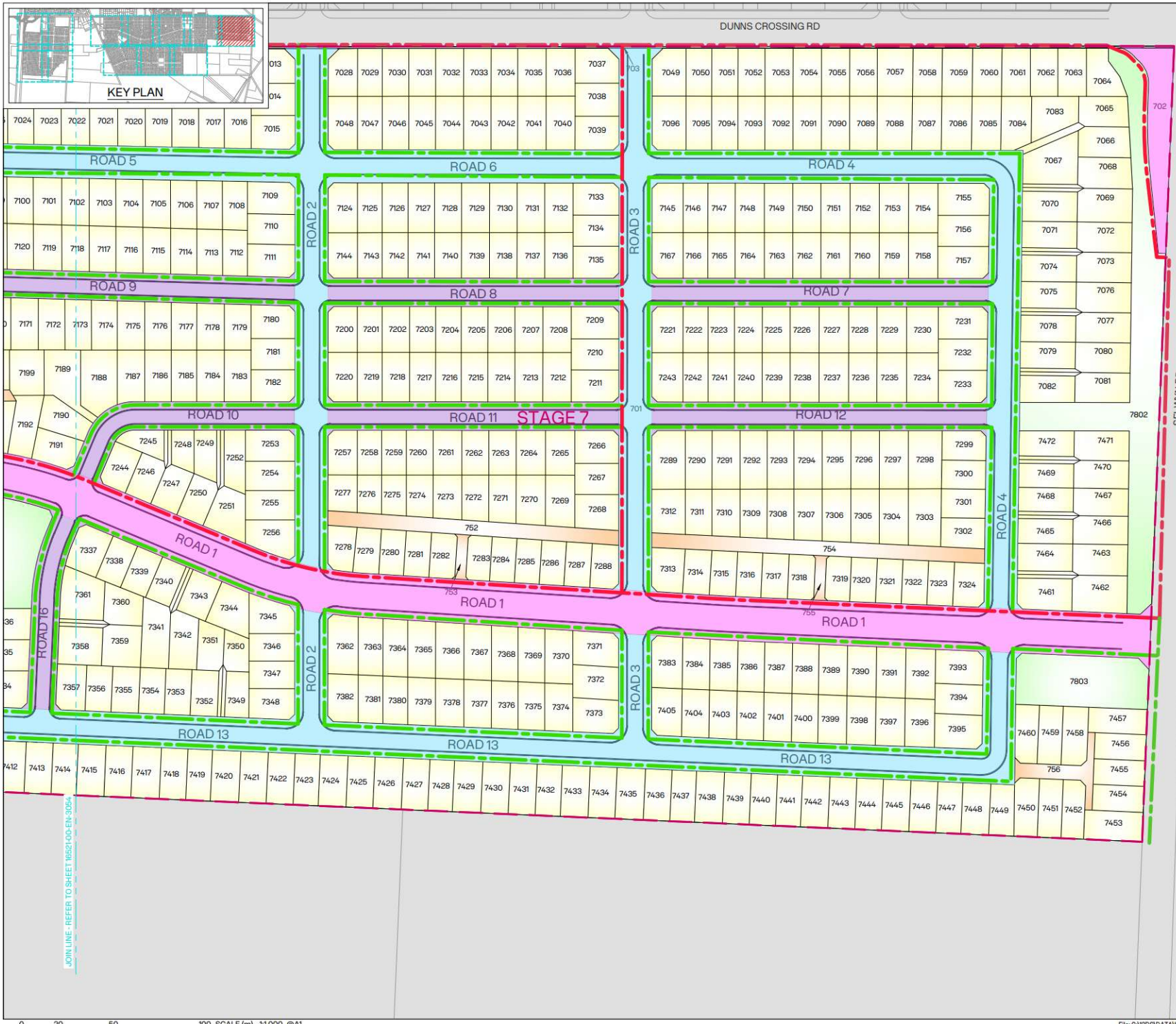
STATUS FOR CONSENT NOT FOR CONSTRUCTION A

DWG NO 16521-00-EN-3054

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-3050.DWG

Synergy Version:

Plot Date: 12:21:59 pm, 2 November 2026, KIM CHEN



INOVO

NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-3050.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- RESERVE
- MEDIUM DENSITY
- HIGH DENSITY
- R.O.W
- COMMERCIAL AREA
- WASTEWATER PUMP STATION
- ROAD - 24m WIDE
- ROAD - 20m WIDE
- ROAD - 18m WIDE
- ROAD - 15.5m WIDE
- PROPOSED PEDESTRIAN FOOTPATH
- PROPOSED SHARED FOOTPATH
- EXISTING SHARED FOOTPATH
- EXISTING PEDESTRIAN FOOTPATH

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING HIERARCHY AND PEDESTRIAN SHARED PATH PLAN SHEET 5 OF 12

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

SURVEYED	-	-
DESIGNED	CS	01/10/2026
DRAWN	ARA	01/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE: 1:1,000 @A1 1:2,000 @A3 | REVISION

STATUS: FOR CONSENT NOT FOR CONSTRUCTION | A

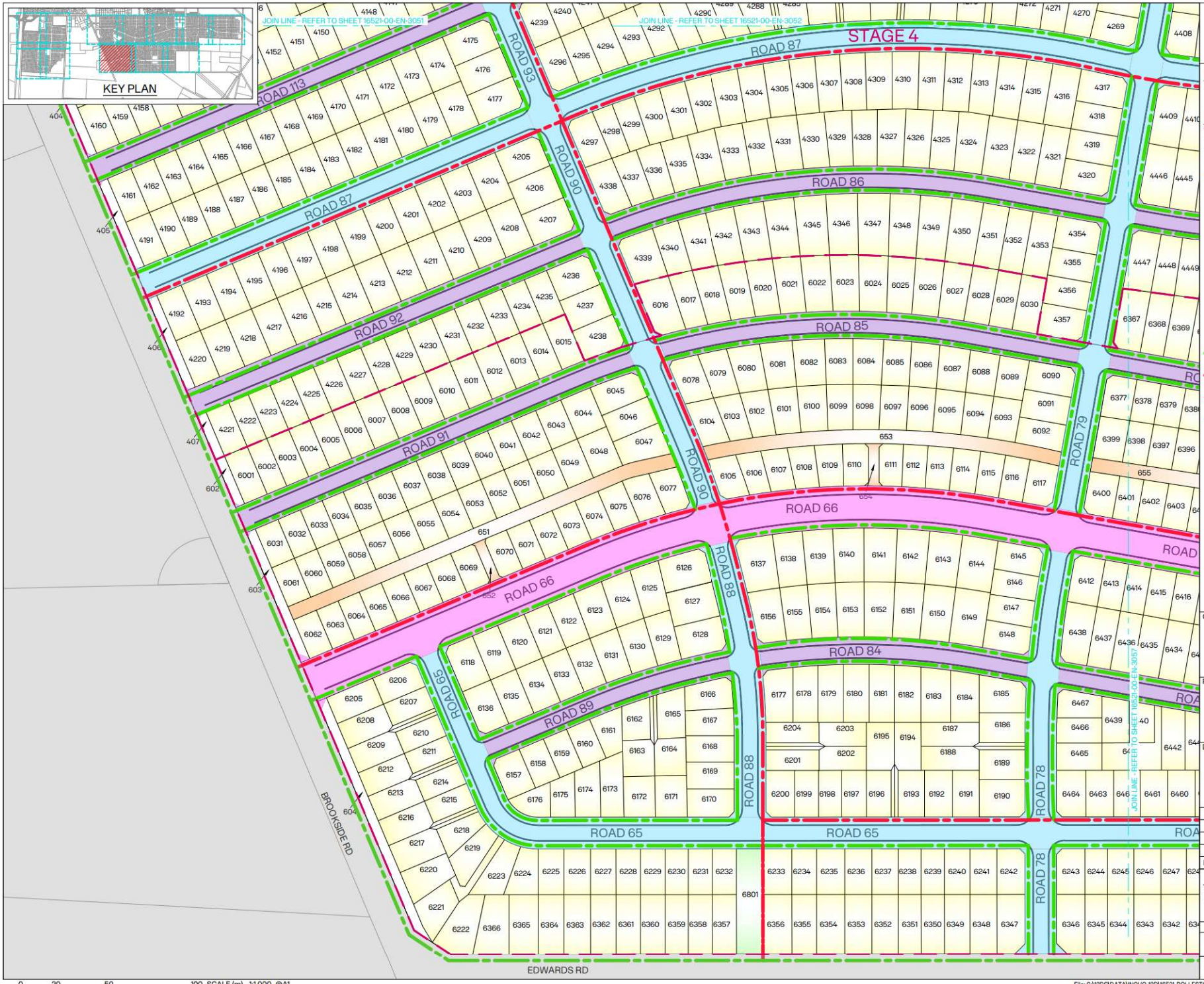
DWG NO: 16521-00-EN-3055

0 20 50 100 SCALE (m) 1:1,000 @A1 1:2,000 @A3

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-3050.DWG

Synergy Version:

Plot Date: 12:22:06 pm,2 November 2026, KIM CHEN



INOVO

NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-3050.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- RESERVE
- MEDIUM DENSITY
- HIGH DENSITY
- R.O.W
- COMMERCIAL AREA
- WASTEWATER PUMP STATION
- ROAD - 24m WIDE
- ROAD - 20m WIDE
- ROAD - 18m WIDE
- ROAD - 15.5m WIDE
- PROPOSED PEDESTRIAN FOOTPATH
- PROPOSED SHARED FOOTPATH
- EXISTING SHARED FOOTPATH
- EXISTING PEDESTRIAN FOOTPATH

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING HIERARCHY AND PEDESTRIAN SHARED PATH PLAN SHEET 6 OF 12

REVISION DETAILS		BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	CS	01/10/2026
DRAWN	ARA	01/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:1,000 @A1 1:2,000 @A3 REVISION

STATUS FOR CONSENT NOT FOR CONSTRUCTION A

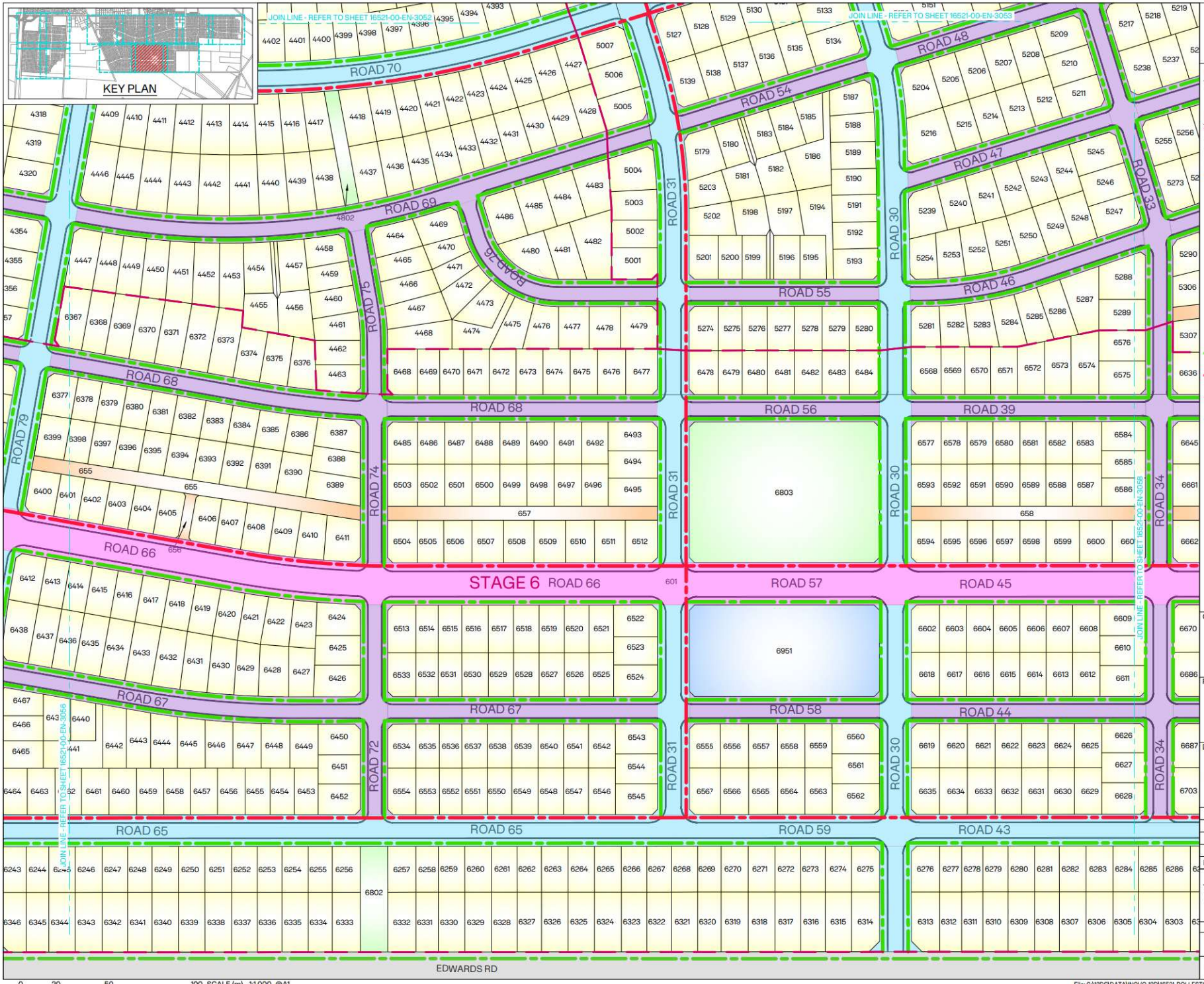
DWG NO 16521-00-EN-3056

0 20 50 100 SCALE (m) 1:1,000 @A1 1:2,000 @A3

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-3050.DWG

Synergy Version:

Plot Date: 12:22:14 pm,2 November 2026, KIM CHEN



INOVO

NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-3050.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- RESERVE
- MEDIUM DENSITY
- HIGH DENSITY
- R.O.W
- COMMERCIAL AREA
- WASTEWATER PUMP STATION
- ROAD - 24m WIDE
- ROAD - 20m WIDE
- ROAD - 18m WIDE
- ROAD - 15.5m WIDE
- PROPOSED PEDESTRIAN FOOTPATH
- PROPOSED SHARED FOOTPATH
- EXISTING SHARED FOOTPATH
- EXISTING PEDESTRIAN FOOTPATH

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING HIERARCHY AND PEDESTRIAN SHARED PATH PLAN SHEET 7 OF 12

REVISION	DETAILS	BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	CS	01/10/2026
DRAWN	ARA	01/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:1,000 @A1 1:2,000 @A3 REVISION

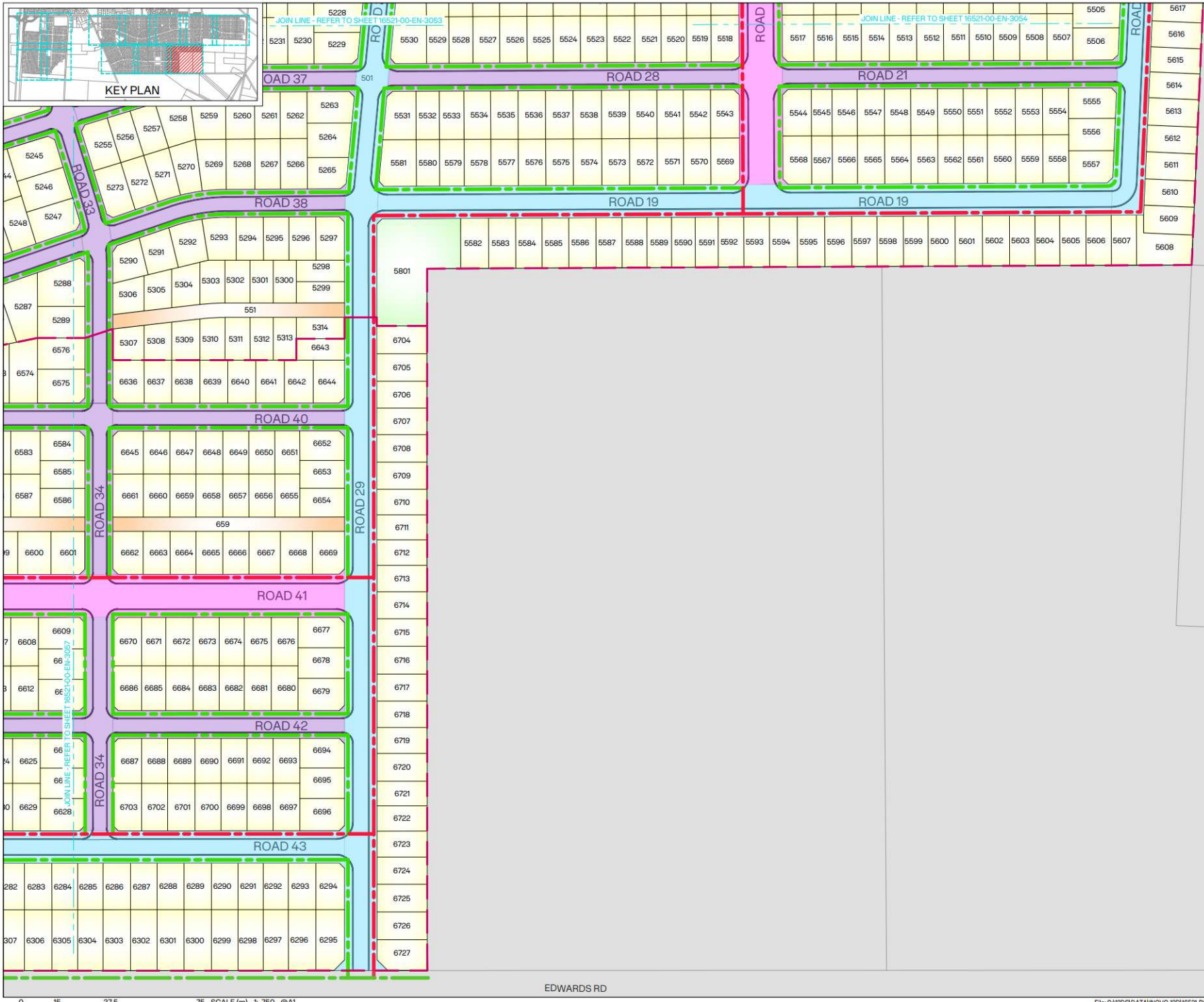
STATUS FOR CONSENT NOT FOR CONSTRUCTION A

DWG NO 16521-00-EN-3057

Synergy Version:

Plot Date: 12:22:23 pm 2 November 2026, KIM CHEN

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-3050.DWG



0 15 37.5 75 SCALE (m) 1: 750 @A1
1:1,500 @A3

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-3050.DWG

INOVO

NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-3050.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- RESERVE
- MEDIUM DENSITY
- HIGH DENSITY
- R.O.W
- COMMERCIAL AREA
- WASTEWATER PUMP STATION
- ROAD - 24m WIDE
- ROAD - 20m WIDE
- ROAD - 18m WIDE
- ROAD - 15.5m WIDE
- PROPOSED PEDESTRIAN FOOTPATH
- PROPOSED SHARED FOOTPATH
- EXISTING SHARED FOOTPATH
- EXISTING PEDESTRIAN FOOTPATH

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING HIERARCHY AND PEDESTRIAN SHARED PATH PLAN SHEET 8 OF 12

REVISION	REVISION DETAILS	BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	CS	01/10/2026
DRAWN	ARA	01/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

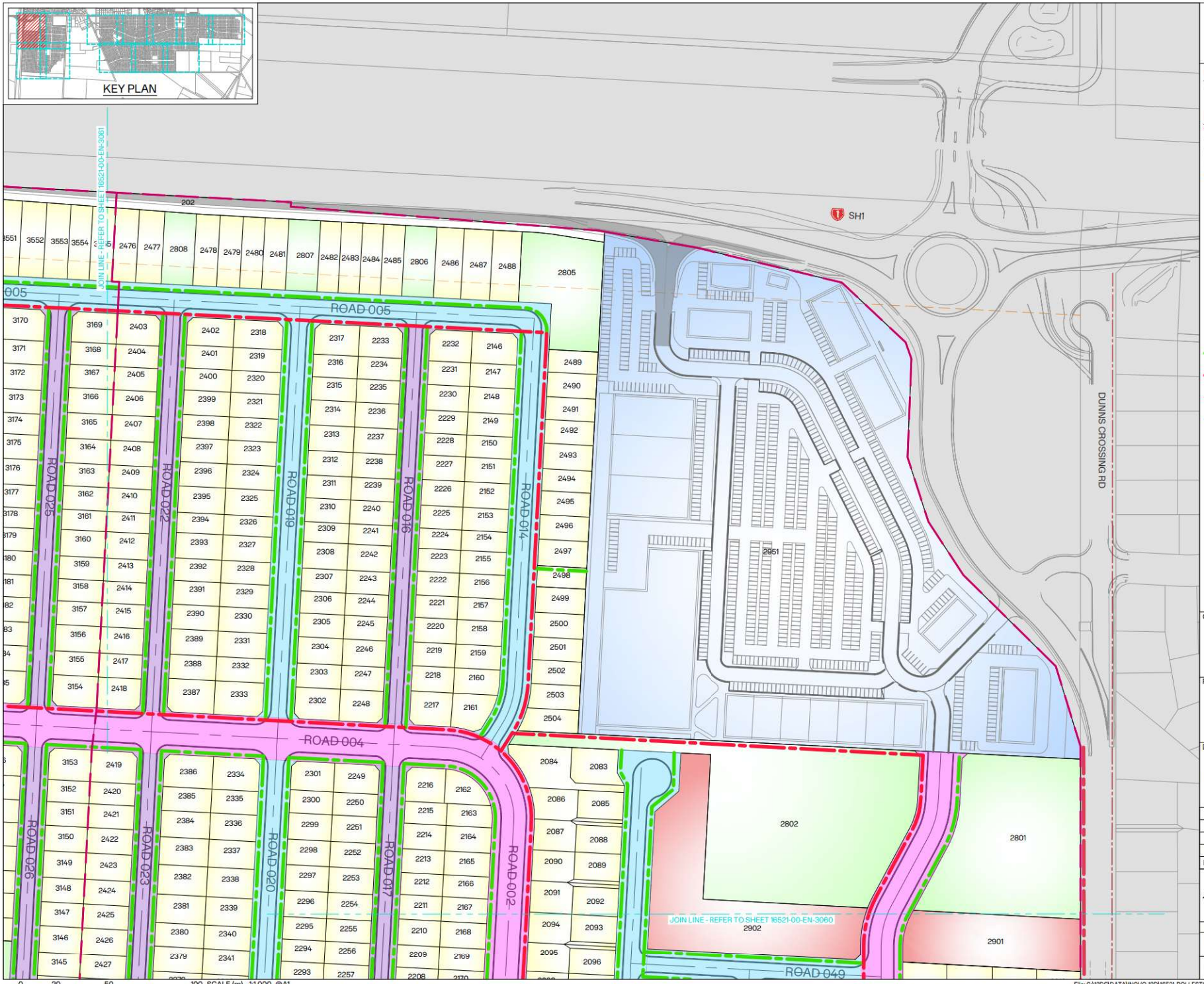
SCALE 1:750 @A1 1:1,500 @A3 REVISION

STATUS FOR CONSENT NOT FOR CONSTRUCTION A

DWG NO 16521-00-EN-3058

Synergy Version:

Plot Date: 12:22:29 pm 2 November 2026, KIM CHEN



INOVO

NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-3050.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- RESERVE
- MEDIUM DENSITY
- HIGH DENSITY
- R.O.W
- COMMERCIAL AREA
- WASTEWATER PUMP STATION
- ROAD - 24m WIDE
- ROAD - 20m WIDE
- ROAD - 18m WIDE
- ROAD - 15.5m WIDE
- PROPOSED PEDESTRIAN FOOTPATH
- PROPOSED SHARED FOOTPATH
- EXISTING SHARED FOOTPATH
- EXISTING PEDESTRIAN FOOTPATH

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING HIERARCHY AND PEDESTRIAN SHARED PATH PLAN SHEET 9 OF 12

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

SURVEYED	-	-
DESIGNED	CS	01/10/2026
DRAWN	ARA	01/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:1,000 @A1 1:2,000 @A3 REVISION

STATUS FOR CONSENT NOT FOR CONSTRUCTION A

DWG NO 16521-00-EN-3059

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-3050.DWG

Synergy Version:

Plot Date: 12:22:35 pm 2 November 2026, KIM CHEN



0 20 50 100 SCALE (m) 1:1,000 @A1 1:2,000 @A3

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-3050.DWG

INOVO

NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-3050.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- RESERVE
- MEDIUM DENSITY
- HIGH DENSITY
- R.O.W
- COMMERCIAL AREA
- WASTEWATER PUMP STATION
- ROAD - 24m WIDE
- ROAD - 20m WIDE
- ROAD - 18m WIDE
- ROAD - 15.5m WIDE
- PROPOSED PEDESTRIAN FOOTPATH
- PROPOSED SHARED FOOTPATH
- EXISTING SHARED FOOTPATH
- EXISTING PEDESTRIAN FOOTPATH

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

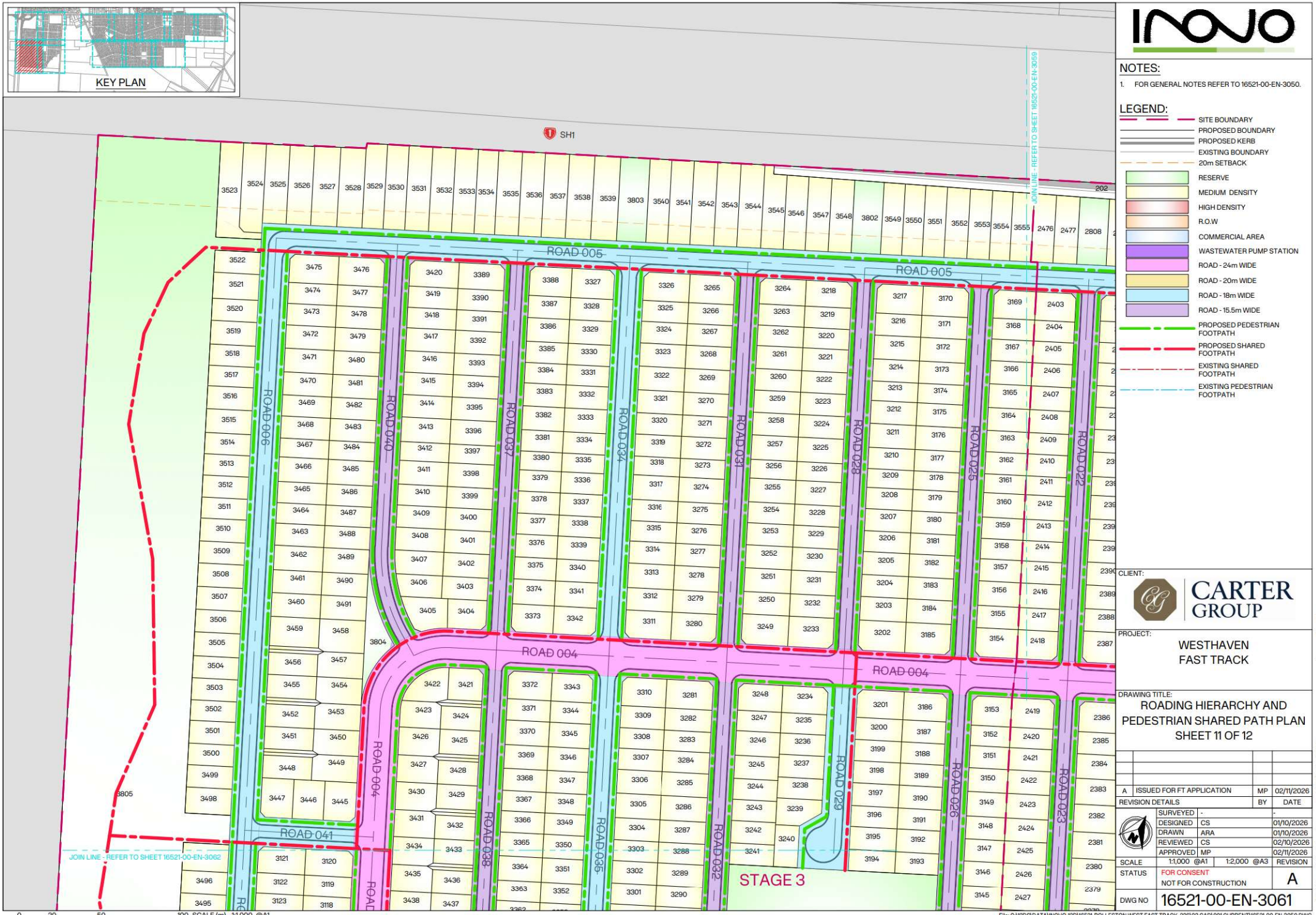
DRAWING TITLE: ROADING HIERARCHY AND PEDESTRIAN SHARED PATH PLAN SHEET 10 OF 12

REVISION	REVISION DETAILS	BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-		-
DESIGNED	CS		01/10/2026
DRAWN	ARA		01/10/2026
REVIEWED	CS		02/10/2026
APPROVED	MP		02/11/2026
SCALE	1:1,000 @A1	1:2,000 @A3	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION		A
DWG NO	16521-00-EN-3060		

Synergy Version:

Plot Date: 12:22:43 pm 2 November 2026, KIM CHEN



NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-3050.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- RESERVE
- MEDIUM DENSITY
- HIGH DENSITY
- R.O.W
- COMMERCIAL AREA
- WASTEWATER PUMP STATION
- ROAD - 24m WIDE
- ROAD - 20m WIDE
- ROAD - 18m WIDE
- ROAD - 15.5m WIDE
- PROPOSED PEDESTRIAN FOOTPATH
- PROPOSED SHARED FOOTPATH
- EXISTING SHARED FOOTPATH
- EXISTING PEDESTRIAN FOOTPATH

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING HIERARCHY AND PEDESTRIAN SHARED PATH PLAN SHEET 11 OF 12

REVISION	DETAILS	BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	CS	01/10/2026
DRAWN	ARA	01/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:1,000 @A1 1:2,000 @A3

STATUS FOR CONSENT NOT FOR CONSTRUCTION

REVISION A

DWG NO 16521-00-EN-3061

Synergy Version:

Plot Date: 12:22:49 pm 2 November 2026, KIM CHEN

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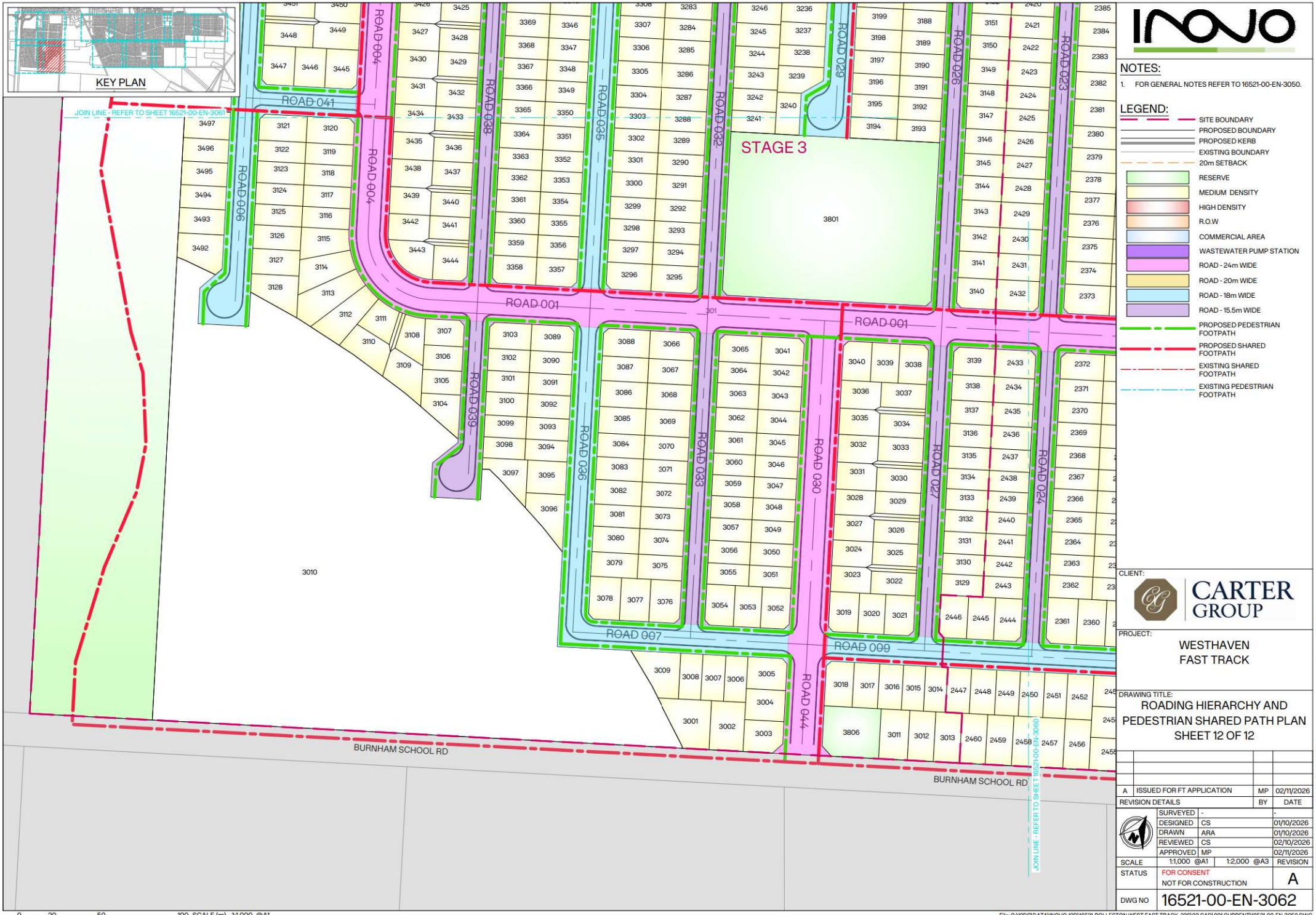

INOVO

NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-3050.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- RESERVE
- MEDIUM DENSITY
- HIGH DENSITY
- R.O.W
- COMMERCIAL AREA
- WASTEWATER PUMP STATION
- ROAD - 24m WIDE
- ROAD - 20m WIDE
- ROAD - 18m WIDE
- ROAD - 15.5m WIDE
- PROPOSED PEDESTRIAN FOOTPATH
- PROPOSED SHARED FOOTPATH
- EXISTING SHARED FOOTPATH
- EXISTING PEDESTRIAN FOOTPATH

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING HIERARCHY AND PEDESTRIAN SHARED PATH PLAN SHEET 12 OF 12

REVISION DETAILS	BY	DATE
A ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	CS	01/10/2026
DRAWN	ARA	01/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:1,000 @A1 1:2,000 @A3 REVISION

STATUS FOR CONSENT NOT FOR CONSTRUCTION A

DWG NO 16521-00-EN-3062

0 20 50 100 SCALE (m) 1:1,000 @A1 1:2,000 @A3

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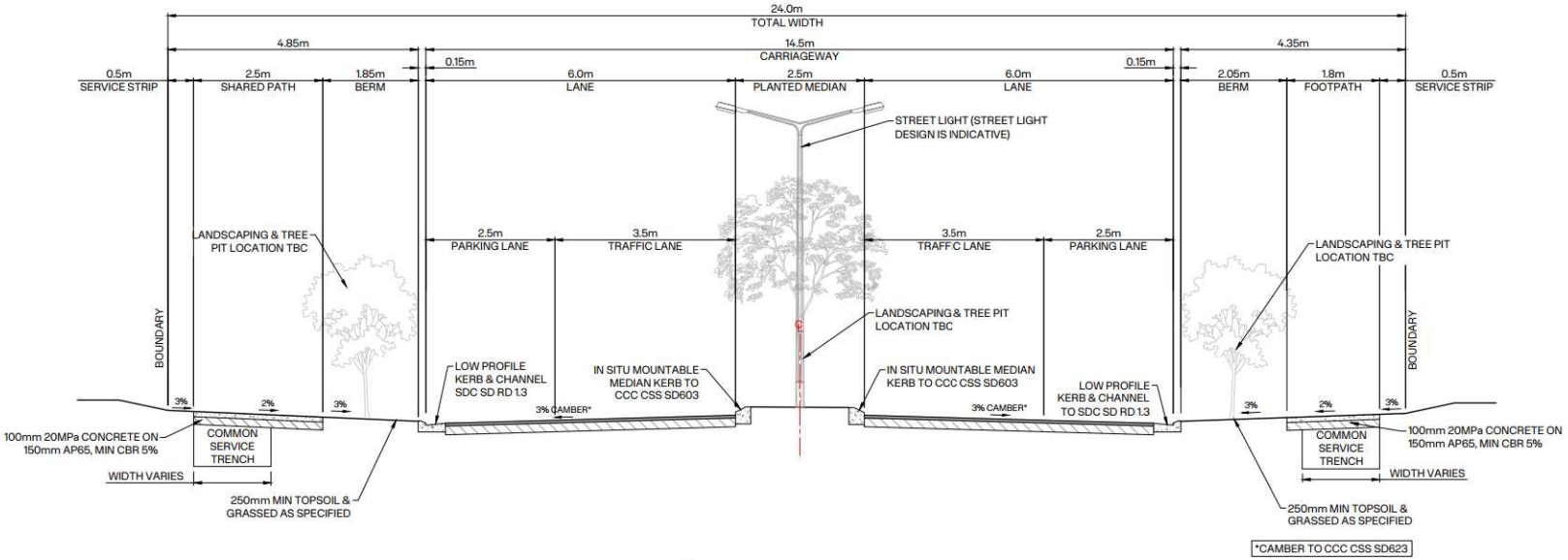
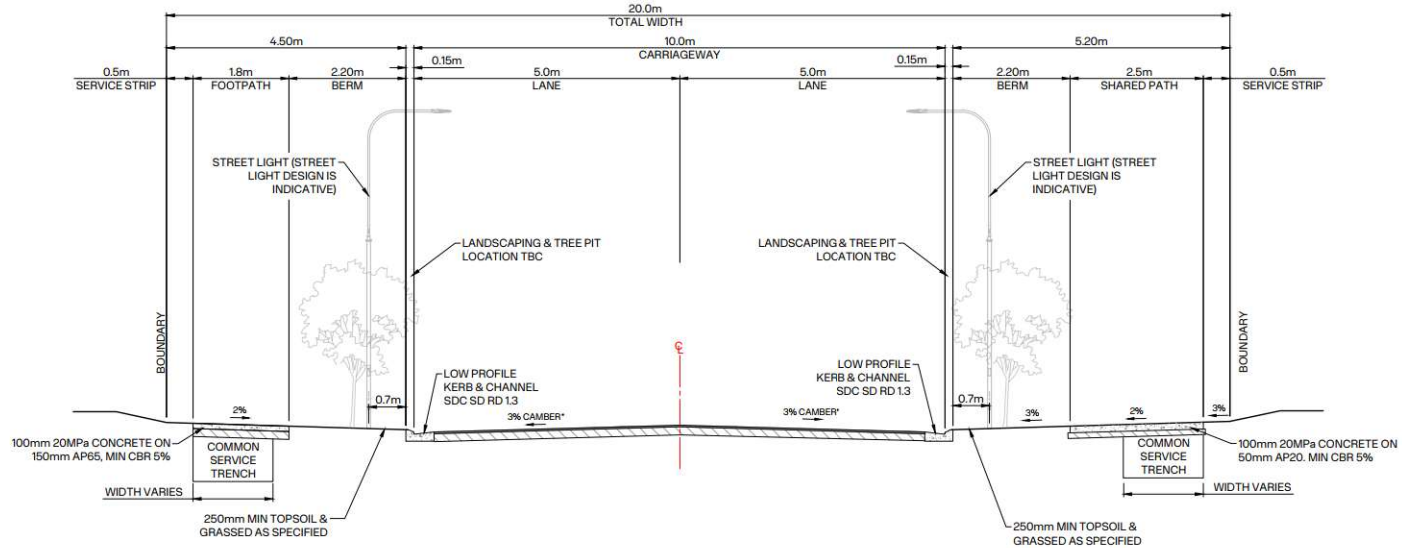
Synergy Version:

Plot Date: 12:22:55 pm 2 November 2026, KIM CHEN



A 3000's ROAD - 24m WIDE (BOULEVARD)

SCALE 1:50@A1 1:100@A3



B 3000's ROAD - 20m WIDE (LOCAL ROAD)

SCALE 1:50@A1 1:100@A3

NOTES:

1. DRAWINGS ARE TO BE READ AS A COMPLETE SET. ANY DISCREPANCIES MUST BE REFERRED TO THE ENGINEER FOR CLARIFICATION.
2. ALL WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE SELWYN DISTRICT COUNCIL ENGINEERING CODE OF PRACTICE.
3. ANY INSTRUCTIONS FROM THE COUNCIL OR OTHER AUTHORITIES MUST BE CONFIRMED WITH THE ENGINEER.
4. THE CONTRACTOR MUST IMPLEMENT ALL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO COMMENCING WORKS ON SITE.
5. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING, IDENTIFYING, AND PROTECTING ALL EXISTING SERVICES PRIOR TO STARTING EARTHWORKS.
6. THE ENGINEER MUST INSPECT THE SUB-GRADE BEFORE ANY FILLING MATERIAL IS PLACED.
7. THE CONTRACTOR MUST CONFIRM THE SUB-GRADE CBR PRIOR TO PLACING THE ROAD SUB-BASE.
8. ROADS WITH CARRIAGEWAY WIDTHS LESS THAN 9m ARE TO BE CONSTRUCTED WITH A STRAIGHT CROSSFALL. CARRIAGEWAYS GREATER THAN 9m MUST BE CONSTRUCTED WITH A CAMBER, AS PER CCC CSS SD623.
9. FOR ROADING PLANS REFER TO DRG 16521-00-EN-3000.
10. FOR ROADING HIERARCHY AND FOOTPATH AND SHARED USER PATHS LOCATION REFER TO DRG 16521-00-EN-3050.

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING TYPICAL SECTIONS SHEET 1 OF 9

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

SURVEYED	-	-
DESIGNED	ARA	02/10/2026
DRAWN	ARA	02/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE	AS SHOWN	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION	A
DWG NO	16521-00-EN-3300	

Synergy Version:

Plot Date: 12:23:44 pm 2 November 2026, KIM CHEN

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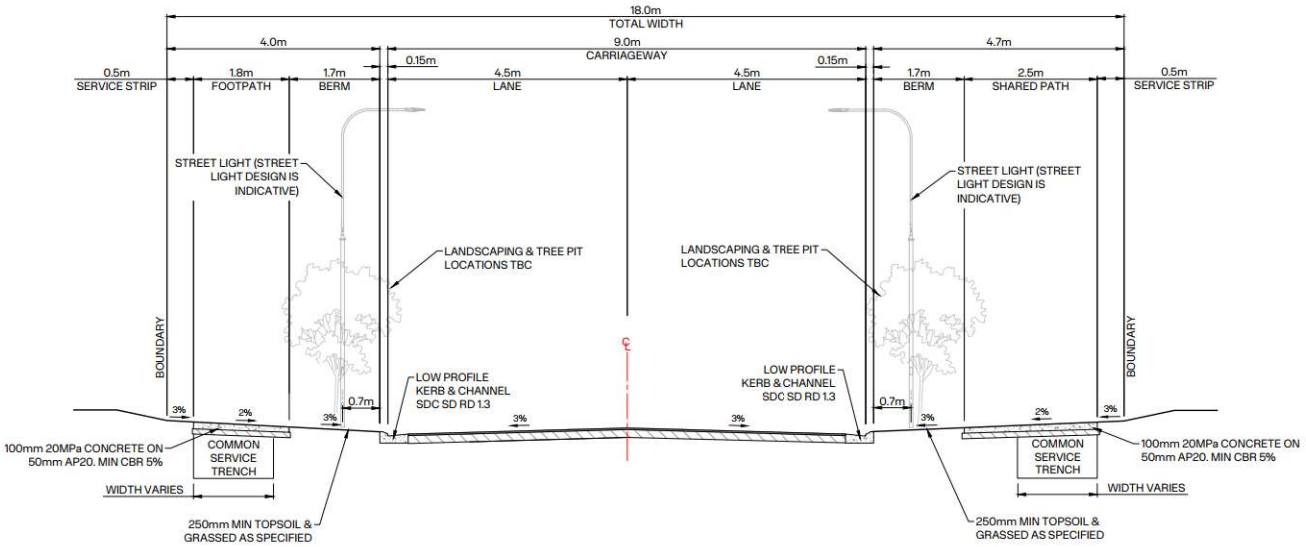
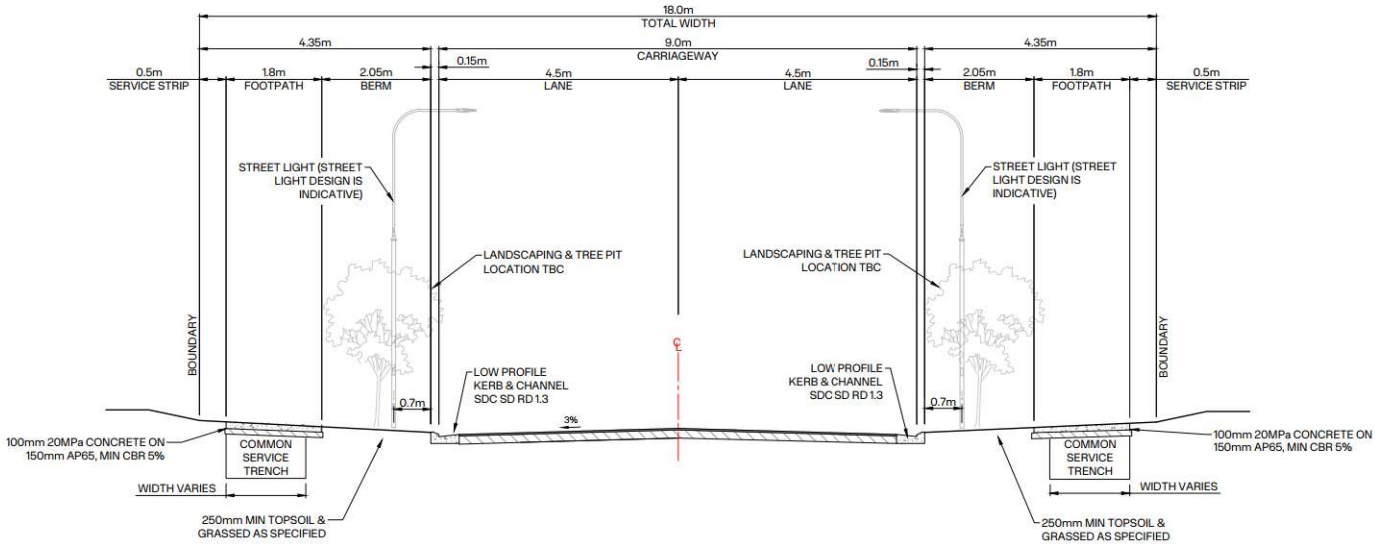


C 3000's ROAD - 18m WIDE (WITH SHARED PATH)
SCALE 1:50@A1 1:100@A3



D 3000's ROAD - 18m WIDE (LOCAL ROAD)
SCALE 1:50@A1 1:100@A3

NOTES:

1. DRAWINGS ARE TO BE READ AS A COMPLETE SET. ANY DISCREPANCIES MUST BE REFERRED TO THE ENGINEER FOR CLARIFICATION.
2. ALL WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE SELWYN DISTRICT COUNCIL ENGINEERING CODE OF PRACTICE.
3. ANY INSTRUCTIONS FROM THE COUNCIL OR OTHER AUTHORITIES MUST BE CONFIRMED WITH THE ENGINEER.
4. THE CONTRACTOR MUST IMPLEMENT ALL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO COMMENCING WORKS ON SITE.
5. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING, IDENTIFYING, AND PROTECTING ALL EXISTING SERVICES PRIOR TO STARTING EARTHWORKS.
6. THE ENGINEER MUST INSPECT THE SUB-GRADE BEFORE ANY FILLING MATERIAL IS PLACED.
7. THE CONTRACTOR MUST CONFIRM THE SUB-GRADE CBR PRIOR TO PLACING THE ROAD SUB-BASE.
8. ROADS WITH CARRIAGEWAY WIDTHS LESS THAN 9m ARE TO BE CONSTRUCTED WITH A STRAIGHT CROSSFALL. CARRIAGEWAYS GREATER THAN 9m MUST BE CONSTRUCTED WITH A CAMBER, AS PER CCC CSS SD623.
9. FOR ROADING PLANS REFER TO DRG 16521-00-EN-3000.
10. FOR ROADING HIERARCHY AND FOOTPATH AND SHARED USER PATHS LOCATION REFER TO DRG 16521-00-EN-3050.

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING TYPICAL SECTIONS SHEET 2 OF 9

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

SURVEYED	-	-
DESIGNED	ARA	02/10/2026
DRAWN	ARA	02/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE	AS SHOWN	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION	A
DWG NO	16521-00-EN-3301	

Synergy Version:

Plot Date: 12:23:45 pm 2 November 2026, KIM CHEN

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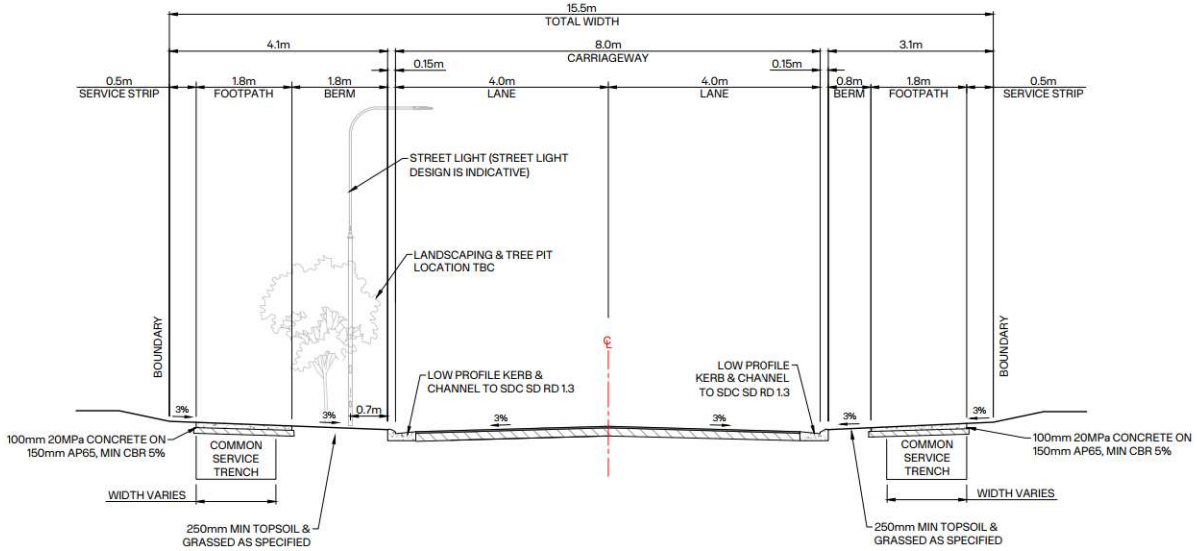
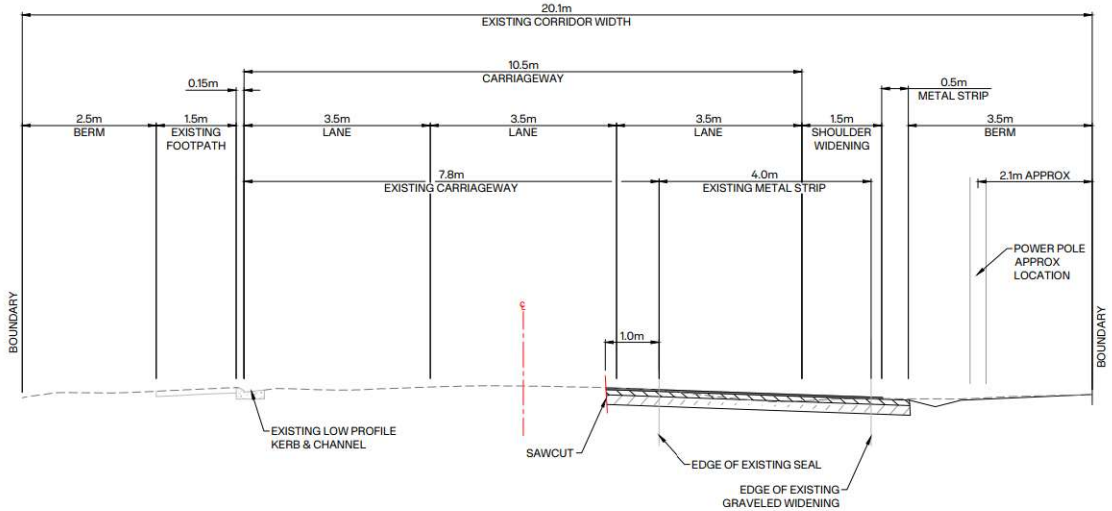


E 3000's ROAD - 15.5m WIDE (LOCAL ROAD)
SCALE 1:50@A1 1:100@A3



F 3700's BURNHAM SCHOOL ROAD - SCHOOL ENTRY WIDENING
SCALE 1:50@A1 1:100@A3

NOTES:

1. DRAWINGS ARE TO BE READ AS A COMPLETE SET. ANY DISCREPANCIES MUST BE REFERRED TO THE ENGINEER FOR CLARIFICATION.
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3. ANY INSTRUCTIONS FROM THE COUNCIL OR OTHER AUTHORITIES MUST BE CONFIRMED WITH THE ENGINEER.
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5. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING, IDENTIFYING, AND PROTECTING ALL EXISTING SERVICES PRIOR TO STARTING EARTHWORKS.
6. THE ENGINEER MUST INSPECT THE SUB-GRADE BEFORE ANY FILLING MATERIAL IS PLACED.
7. THE CONTRACTOR MUST CONFIRM THE SUB-GRADE CBR PRIOR TO PLACING THE ROAD SUB-BASE.
8. ROADS WITH CARRIAGEWAY WIDTHS LESS THAN 9m ARE TO BE CONSTRUCTED WITH A STRAIGHT CROSSFALL. CARRIAGEWAYS GREATER THAN 9m MUST BE CONSTRUCTED WITH A CAMBER, AS PER CCC CSS SD623.
9. FOR ROADING PLANS REFER TO DRG 16521-00-EN-3000.
10. FOR ROADING HIERARCHY AND FOOTPATH AND SHARED USER PATHS LOCATION REFER TO DRG 16521-00-EN-3050.

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING TYPICAL SECTIONS SHEET 3 OF 9

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

SURVEYED	-	-
DESIGNED	ARA	02/10/2026
DRAWN	ARA	02/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE	AS SHOWN	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION	A
DWG NO	16521-00-EN-3302	

Synergy Version:
Plot Date: 12:23:46 pm 2 November 2026, KIM CHEN

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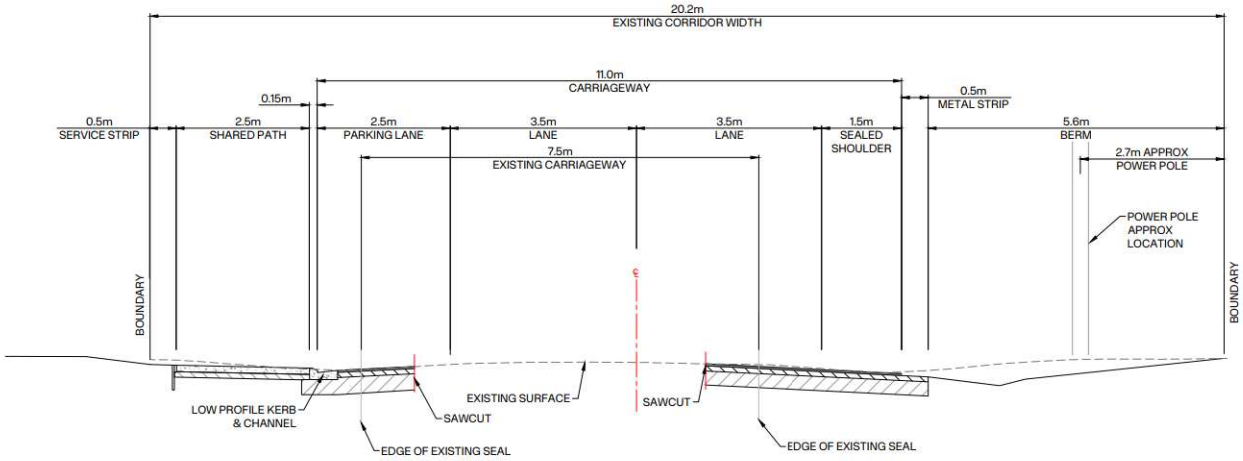
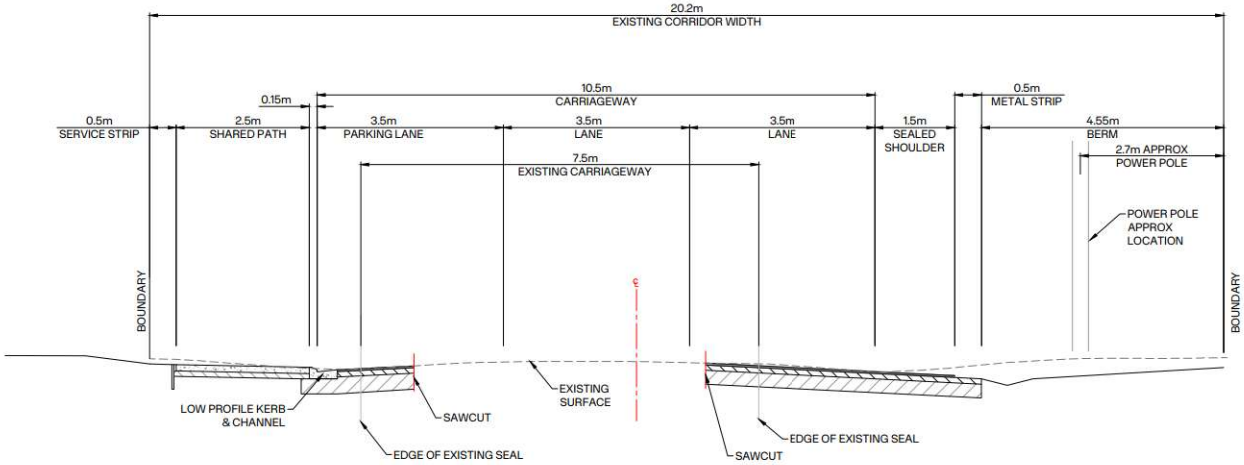


G 3700's BURNHAM SCHOOL ROAD - TYPICAL CROSS-SECTION

SCALE 1:50@A1 1:100@A3



H 3700's BURNHAM SCHOOL ROAD - MAJOR INTERSECTION WIDENING - TYPICAL CROSS-SECTION

SCALE 1:50@A1 1:100@A3

INOVO

NOTES:

1. DRAWINGS ARE TO BE READ AS A COMPLETE SET. ANY DISCREPANCIES MUST BE REFERRED TO THE ENGINEER FOR CLARIFICATION.
2. ALL WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH SELWYN DISTRICT COUNCIL ENGINEERING CODE OF PRACTICE.
3. ANY INSTRUCTIONS FROM COUNCIL OR OTHER AUTHORITIES MUST BE CONFIRMED BY THE ENGINEER.
4. THE CONTRACTOR MUST IMPLEMENT ALL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO COMMENCING WORKS ON SITE.
5. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING, IDENTIFYING, AND PROTECTING ALL EXISTING SERVICES PRIOR TO STARTING EARTHWORKS.
6. THE ENGINEER MUST INSPECT THE SUB-GRADE BEFORE ANY FILLING MATERIAL IS PLACED.
7. THE CONTRACTOR MUST CONFIRM THE SUB-GRADE CBR PRIOR TO PLACING THE ROAD SUB-BASE.
8. ROADS WITH CARRIAGEWAY WIDTHS LESS THAN 9m ARE TO BE CONSTRUCTED WITH A STRAIGHT CROSSFALL. CARRIAGEWAYS GREATER THAN 9m MUST BE CONSTRUCTED WITH A CAMBER, AS PER CCC CSS SD623.

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING TYPICAL SECTIONS SHEET 4 OF 9

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

	SURVEYED	-	-
	DESIGNED	AMcC	02/10/2026
	DRAWN	AMcC	02/10/2026
	REVIEWED	CS	02/10/2026
	APPROVED	MP	02/11/2026
SCALE	AS SHOWN		REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION		A
DWG NO	16521-00-EN-3303		

Synergy Version:

Plot Date: 12:23:47 pm 2 November 2026, KIM CHEN

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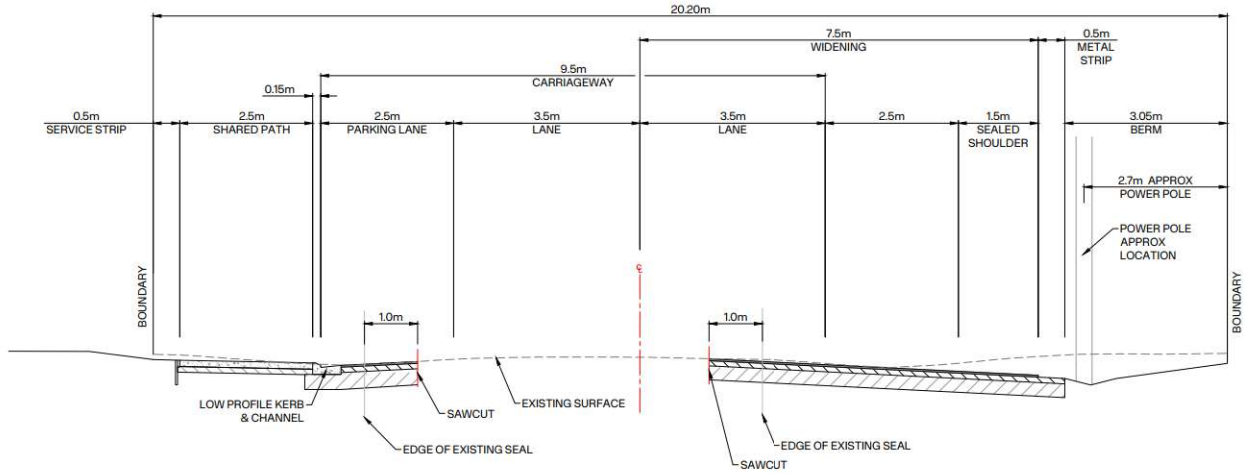
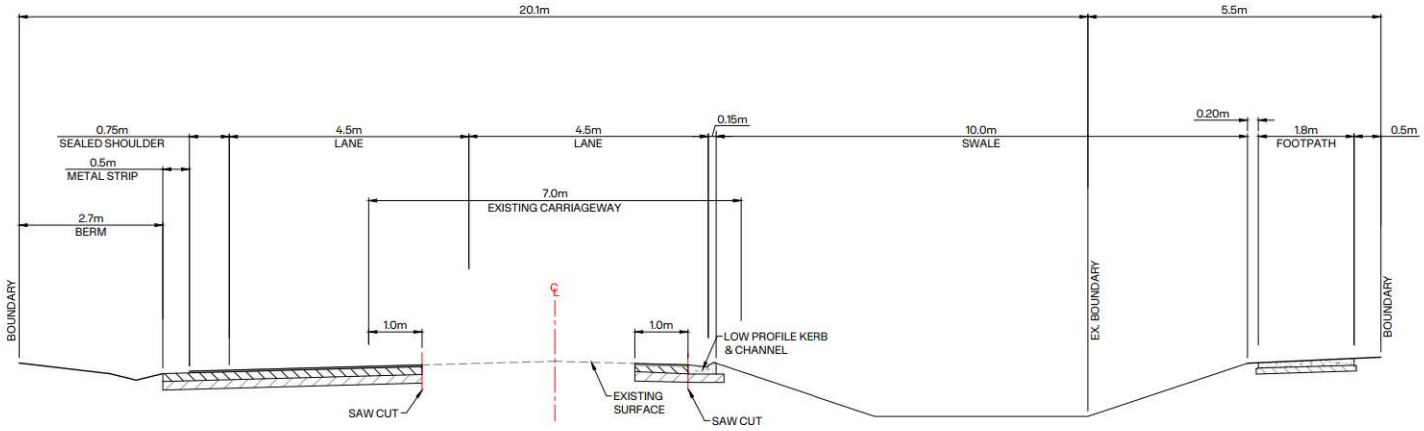


I 3700's BURNHAM SCHOOL ROAD - MINOR INTERSECTION WIDENING- TYPICAL CROSS-SECTION

SCALE 1:50@A1 1:100@A3



J 3700's BROOKSIDE ROAD - TYPICAL CROSS-SECTION

SCALE 1:50@A1 1:100@A3

NOTES:

1. DRAWINGS ARE TO BE READ AS A COMPLETE SET. ANY DISCREPANCIES MUST BE REFERRED TO THE ENGINEER FOR CLARIFICATION.
2. ALL WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH SELWYN DISTRICT COUNCIL ENGINEERING CODE OF PRACTICE.
3. ANY INSTRUCTIONS FROM COUNCIL OR OTHER AUTHORITIES MUST BE CONFIRMED BY THE ENGINEER.
4. THE CONTRACTOR MUST IMPLEMENT ALL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO COMMENCING WORKS ON SITE.
5. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING, IDENTIFYING, AND PROTECTING ALL EXISTING SERVICES PRIOR TO STARTING EARTHWORKS.
6. THE ENGINEER MUST INSPECT THE SUB-GRADE BEFORE ANY FILLING MATERIAL IS PLACED.
7. THE CONTRACTOR MUST CONFIRM THE SUB-GRADE CBR PRIOR TO PLACING THE ROAD SUB-BASE.
8. ROADS WITH CARRIAGEWAY WIDTHS LESS THAN 9m ARE TO BE CONSTRUCTED WITH A STRAIGHT CROSSFALL. CARRIAGEWAYS GREATER THAN 9m MUST BE CONSTRUCTED WITH A CAMBER, AS PER CCC CSS SD623.

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING TYPICAL SECTIONS SHEET 5 OF 9

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

SURVEYED	-	-
DESIGNED	AMcC	02/10/2026
DRAWN	AMcC	02/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE	AS SHOWN	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION	A
DWG NO	16521-00-EN-3304	

Synergy Version:

Plot Date: 12:23:49 pm 2 November 2026, KIM CHEN

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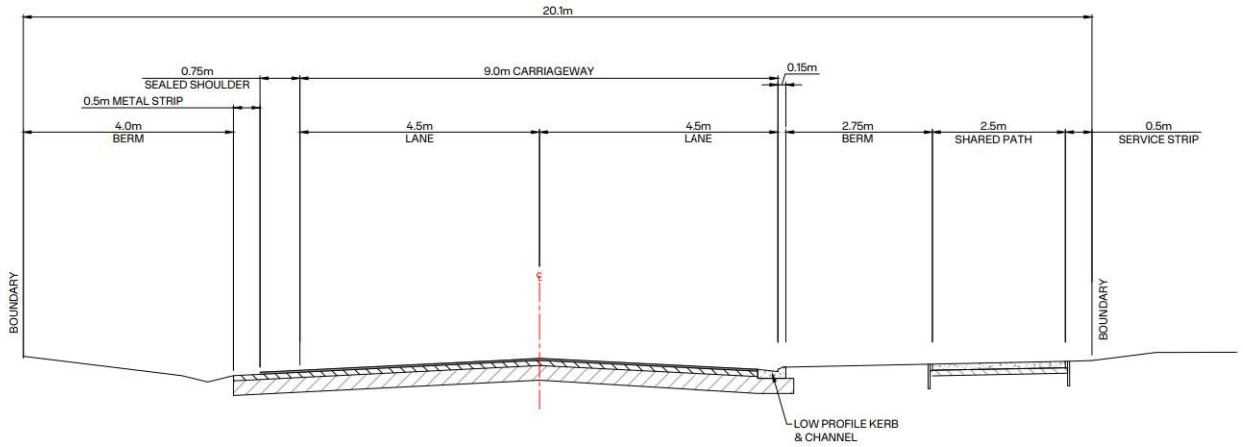
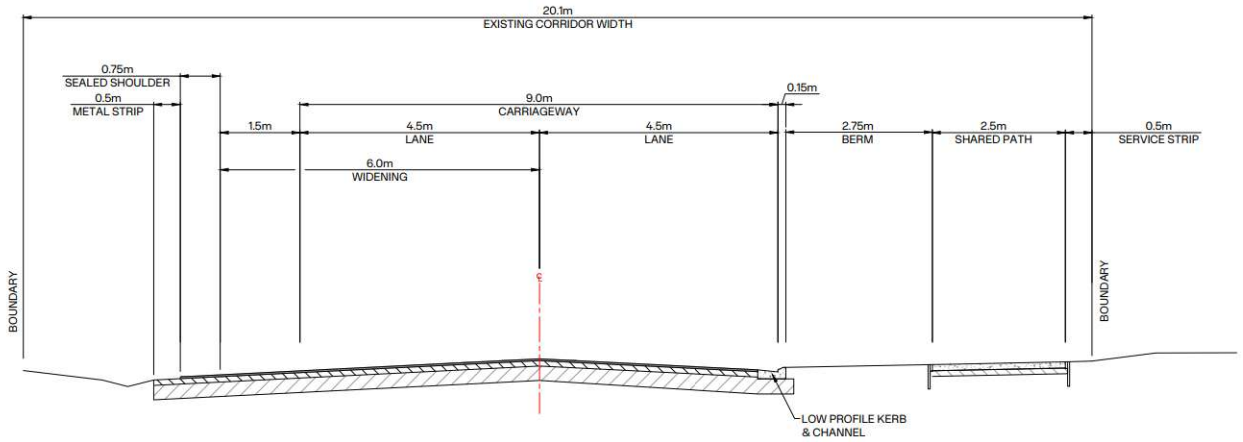


K 3700's EDWARDS ROAD - TYPICAL CROSS-SECTION
SCALE 1:50@A1 1:100@A3



L 3700's EDWARDS ROAD - INTERSECTION WIDENING - TYPICAL CROSS-SECTION
SCALE 1:50@A1 1:100@A3

NOTES:
1. DRAWINGS ARE TO BE READ AS A COMPLETE SET. ANY DISCREPANCIES MUST BE REFERRED TO THE ENGINEER FOR CLARIFICATION.
2. ALL WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH SELWYN DISTRICT COUNCIL ENGINEERING CODE OF PRACTICE.
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7. THE CONTRACTOR MUST CONFIRM THE SUB-GRADE CBR PRIOR TO PLACING THE ROAD SUB-BASE.
8. ROADS WITH CARRIAGEWAY WIDTHS LESS THAN 9m ARE TO BE CONSTRUCTED WITH A STRAIGHT CROSSFALL. CARRIAGEWAYS GREATER THAN 9m MUST BE CONSTRUCTED WITH A CAMBER, AS PER CCC CSS SD623.

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING TYPICAL SECTIONS SHEET 6 OF 9

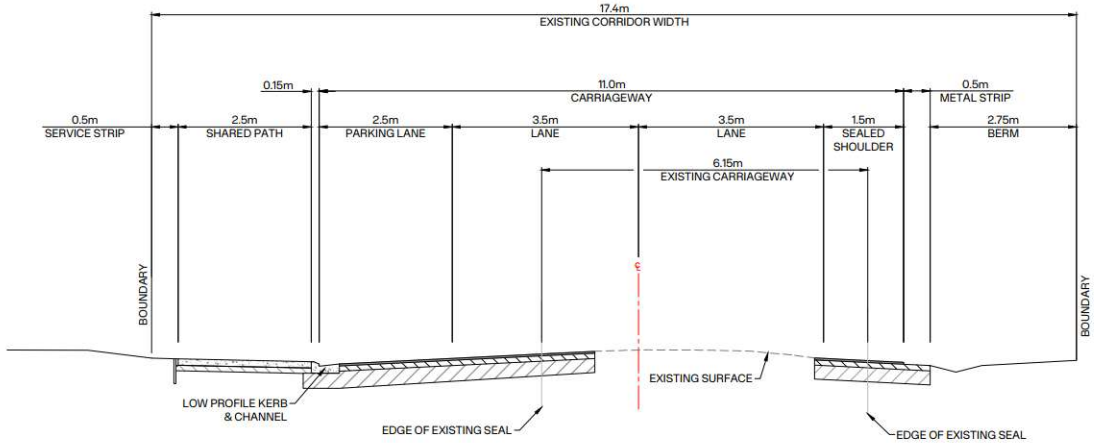
A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

SURVEYED	-	-
DESIGNED	AMcC	02/10/2026
DRAWN	AMcC	02/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

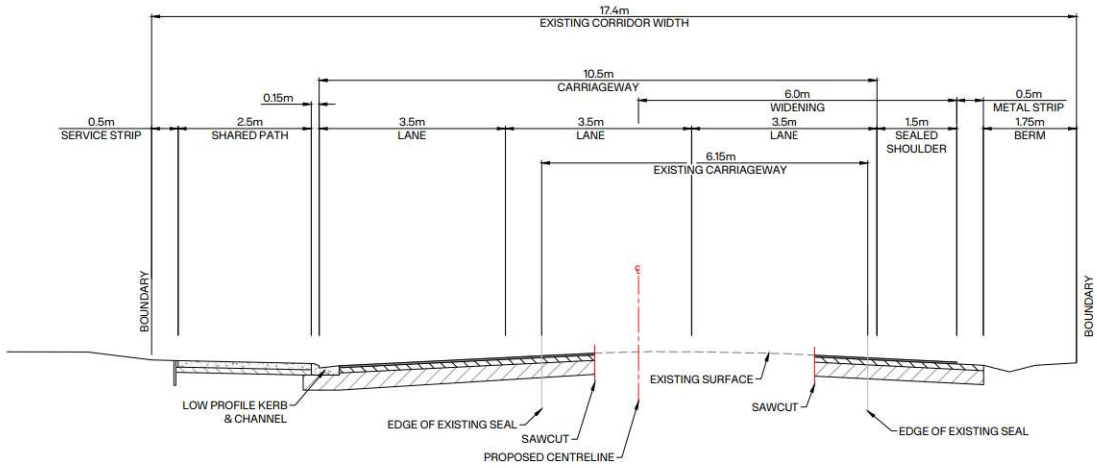
SCALE	AS SHOWN	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION	A
DWG NO	16521-00-EN-3305	

Synergy Version:
Plot Date: 12:23:50 pm2 November 2026, KIM CHEN

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-3300.DWG



M 3700's SELWYN ROAD - TYPICAL CROSS-SECTION
SCALE 1:50@A1 1:100@A3



N 3700's SELWYN ROAD - INTERSECTION WIDENING - TYPICAL CROSS-SECTION
SCALE 1:50@A1 1:100@A3

NOTES:
1. DRAWINGS ARE TO BE READ AS A COMPLETE SET. ANY DISCREPANCIES MUST BE REFERRED TO THE ENGINEER FOR CLARIFICATION.
2. ALL WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH SELWYN DISTRICT COUNCIL ENGINEERING CODE OF PRACTICE.
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CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING TYPICAL SECTIONS SHEET 7 OF 9

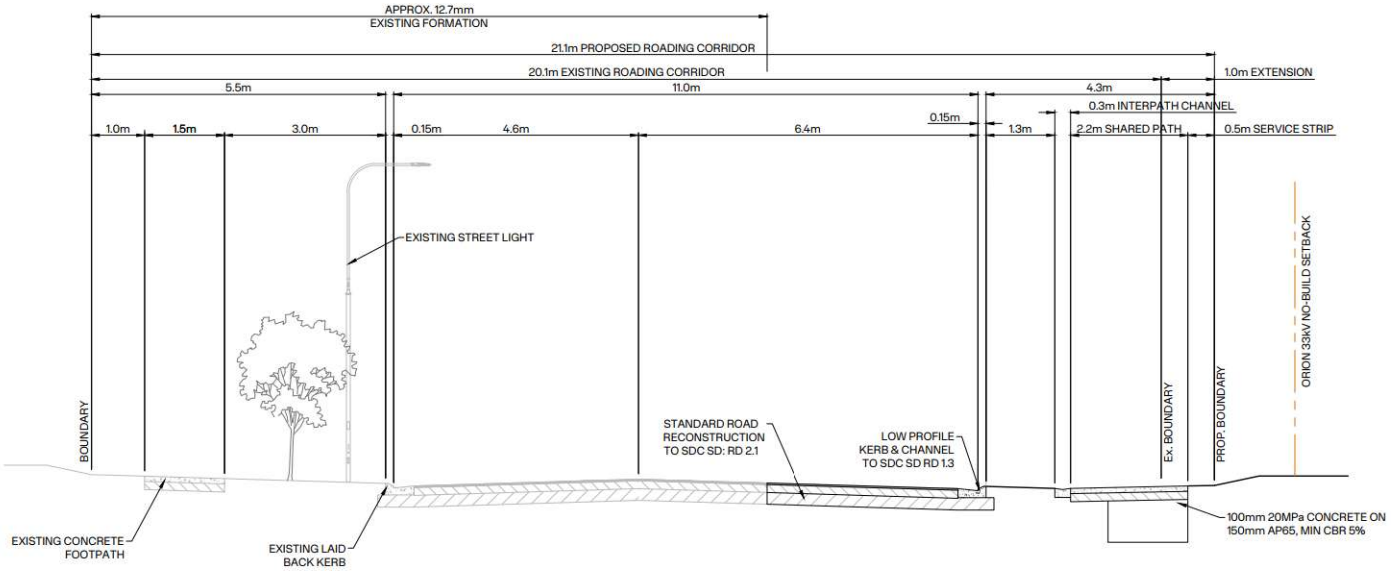
A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

SURVEYED	-	-
DESIGNED	AMcC	02/10/2026
DRAWN	AMcC	02/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE	AS SHOWN	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION	A
DWG NO	16521-00-EN-3306	

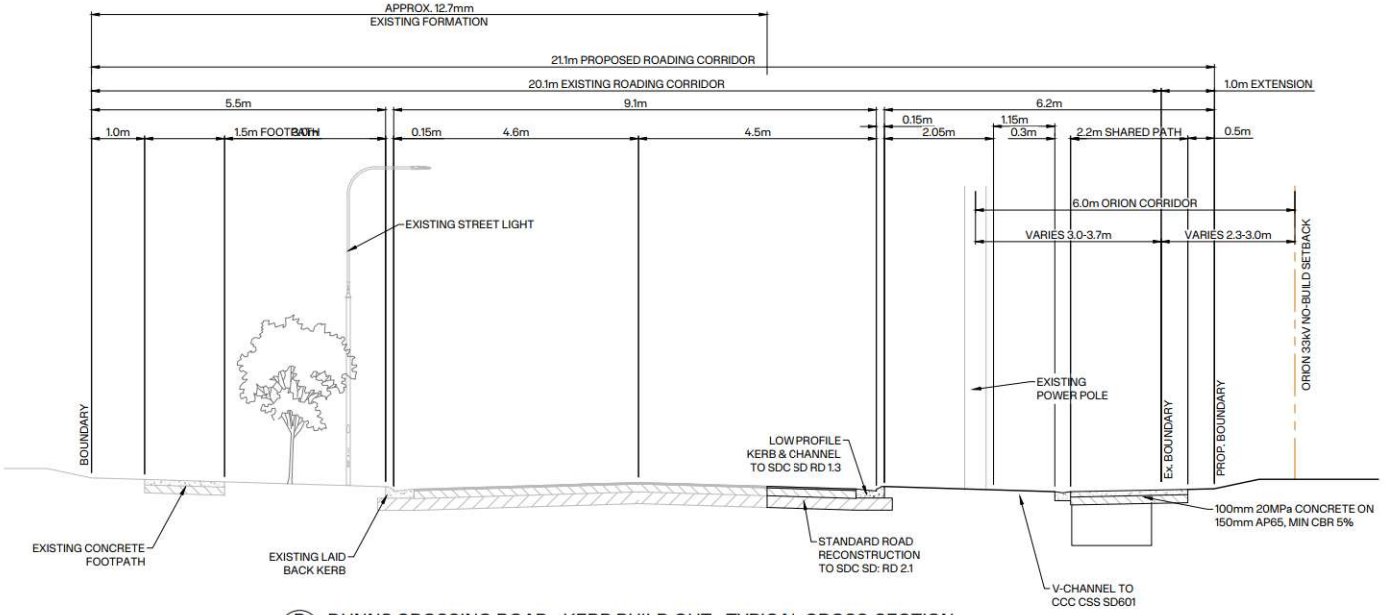
Synergy Version:
Plot Date: 12:23:51 pm,2 November 2026,KIM CHEN

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-3300.DWG



O 3700's DUNNS CROSSING ROAD - TYPICAL CROSS-SECTION

SCALE 1:50@A1 1:100@A3



P 3700's DUNNS CROSSING ROAD - KERB BUILD OUT - TYPICAL CROSS-SECTION

SCALE 1:50@A1 1:100@A3

INOVO

NOTES:

1. DRAWINGS ARE TO BE READ AS A COMPLETE SET. ANY DISCREPANCIES MUST BE REFERRED TO THE ENGINEER FOR CLARIFICATION.
2. ALL WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH SELWYN DISTRICT COUNCIL ENGINEERING CODE OF PRACTICE.
3. ANY INSTRUCTIONS FROM COUNCIL OR OTHER AUTHORITIES MUST BE CONFIRMED BY THE ENGINEER.
4. THE CONTRACTOR MUST IMPLEMENT ALL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO COMMENCING WORKS ON SITE.
5. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING, IDENTIFYING, AND PROTECTING ALL EXISTING SERVICES PRIOR TO STARTING EARTHWORKS.
6. THE ENGINEER MUST INSPECT THE SUB-GRADE BEFORE ANY FILLING MATERIAL IS PLACED.
7. THE CONTRACTOR MUST CONFIRM THE SUB-GRADE CBR PRIOR TO PLACING THE ROAD SUB-BASE.
8. ROADS WITH CARRIAGEWAY WIDTHS LESS THAN 9m ARE TO BE CONSTRUCTED WITH A STRAIGHT CROSSFALL. CARRIAGEWAYS GREATER THAN 9m MUST BE CONSTRUCTED WITH A CAMBER, AS PER CCC CSS SD623.

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING TYPICAL SECTIONS SHEET 8 OF 9

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

SURVEYED	-	-
DESIGNED	AMcC	02/10/2026
DRAWN	AMcC	02/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE	AS SHOWN	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION	A
DWG NO	16521-00-EN-3307	

Synergy Version:

Plot Date: 12:23:53 pm 2 November 2026, KIM CHEN

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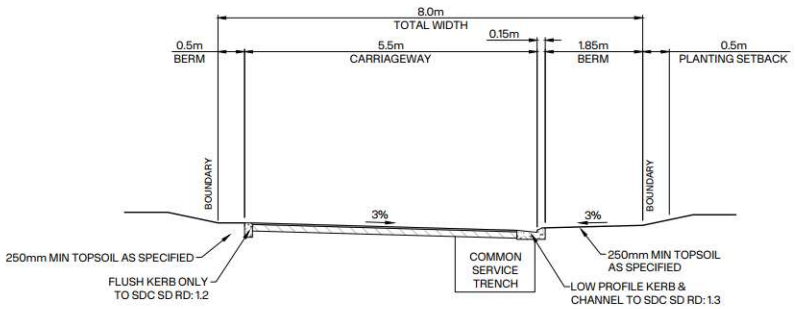
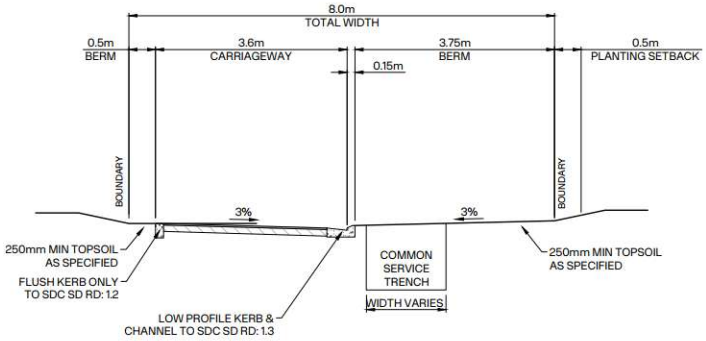
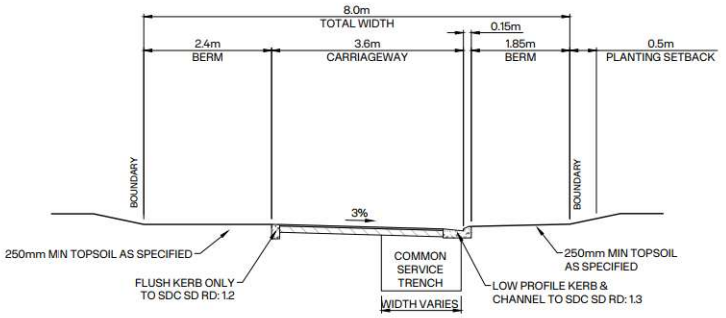


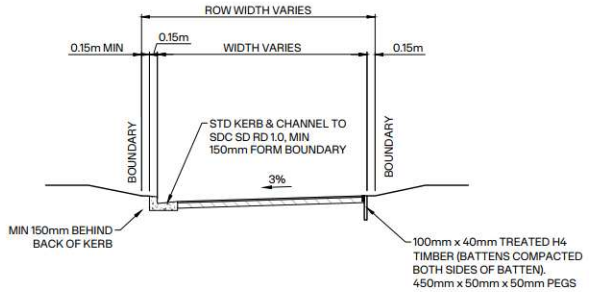
Q 3000's **LANEWAY**
SCALE 1:50@A1 1:100@A3



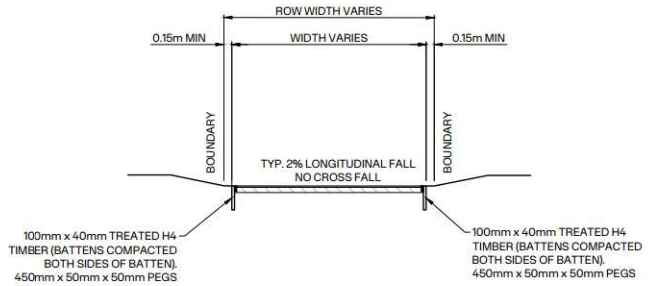
R 3000's **LANEWAY NARROWING - TYPE 1**
SCALE 1:50@A1 1:100@A3



S 3000's **LANEWAY NARROWING - TYPE 2**
SCALE 1:50@A1 1:100@A3



T 3000's **R.O.W - TYPICAL CROSS SECTION**
SCALE 1:50@A1 1:100@A3



U 3000's **REAR ACCESS DRIVEWAY - TYPICAL CROSS SECTION**
SCALE 1:50@A1 1:100@A3

NOTES:

1. DRAWINGS ARE TO BE READ AS A COMPLETE SET. ANY DISCREPANCIES MUST BE REFERRED TO THE ENGINEER FOR CLARIFICATION.
2. ALL WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH SELWYN DISTRICT COUNCIL ENGINEERING CODE OF PRACTICE.
3. ANY INSTRUCTIONS FROM COUNCIL OR OTHER AUTHORITIES MUST BE CONFIRMED BY THE ENGINEER.
4. THE CONTRACTOR MUST IMPLEMENT ALL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO COMMENCING WORKS ON SITE.
5. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING, IDENTIFYING, AND PROTECTING ALL EXISTING SERVICES PRIOR TO STARTING EARTHWORKS.
6. THE ENGINEER MUST INSPECT THE SUB-GRADE BEFORE ANY FILLING MATERIAL IS PLACED.
7. THE CONTRACTOR MUST CONFIRM THE SUB-GRADE CBR PRIOR TO PLACING THE ROAD SUB-BASE.
8. ROADS WITH CARRIAGEWAY WIDTHS LESS THAN 9m ARE TO BE CONSTRUCTED WITH A STRAIGHT CROSSFALL. CARRIAGEWAYS GREATER THAN 9m MUST BE CONSTRUCTED WITH A CAMBER, AS PER CCC CSS SD623.

CLIENT: CARTER GROUP

PROJECT:
WESTHAVEN
FAST TRACK

DRAWING TITLE:
ROADING
TYPICAL SECTIONS
SHEET 9 OF 9

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

SURVEYED	-	-
DESIGNED	AMcC	02/10/2026
DRAWN	AMcC	02/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE	AS SHOWN	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION	A
DWG NO	16521-00-EN-3308	

Synergy Version:

Plot Date: 12:23:55 pm, 2 November 2026, KIM CHEN

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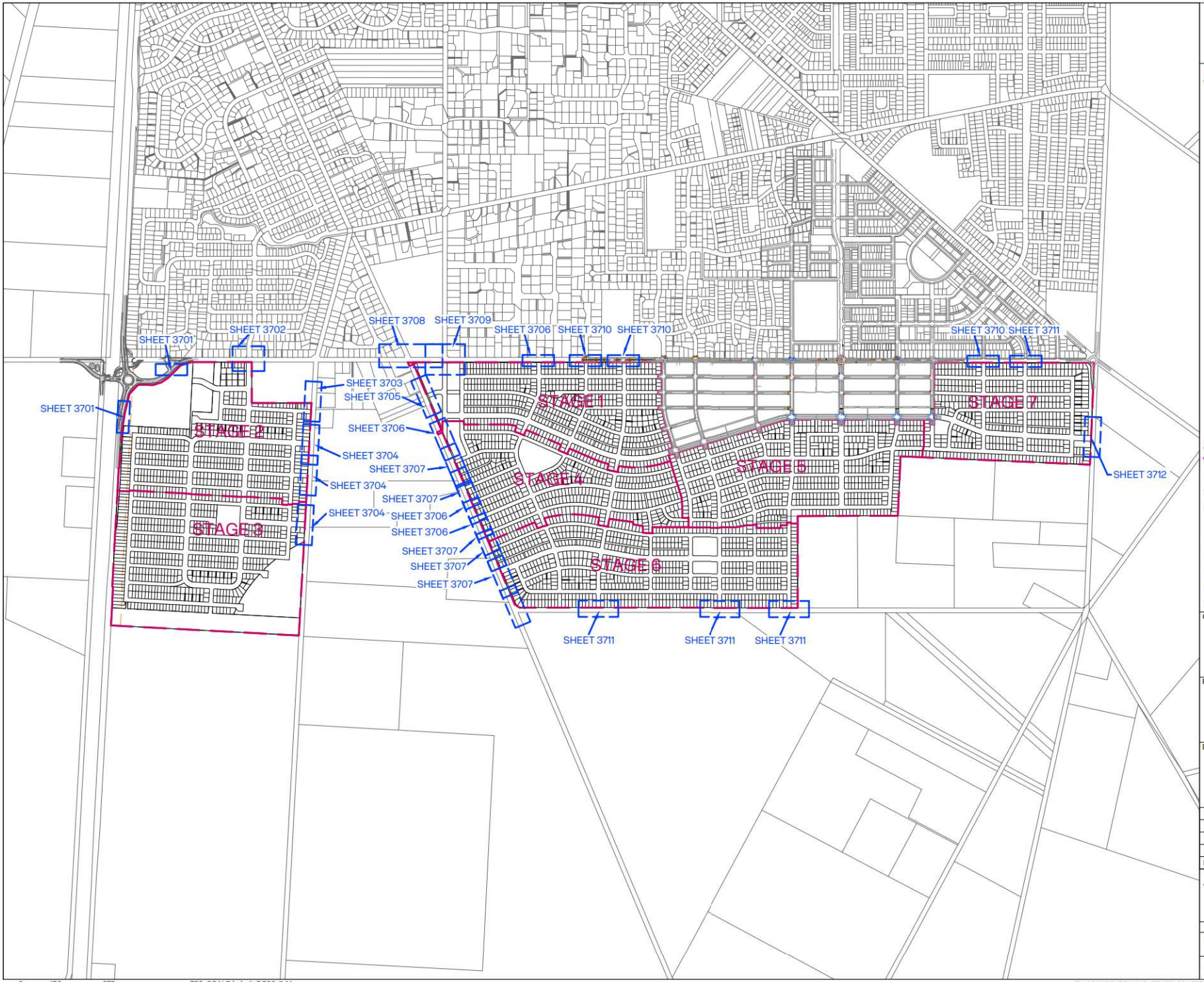


0 150 375 750 SCALE (m) 1: 7,500 @A1
1:15,000 @A3

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-3700.DWG

INOVO

NOTES:
1. ALL DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES, UNLESS OTHERWISE NOTED.
2. THIS PLAN HAS BEEN PREPARED FOR A SPECIFIC PROJECT AND MUST NOT BE MODIFIED OR USED FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF INOVO.

LEGEND:
- SITE BOUNDARY
- EXISTING BOUNDARY
- PROPOSED LOT BOUNDARY
- PROPOSED KERB
- PROPOSED FOOTPATH
- EX. KERB
- EX. FOOTPATH
- OHHV Ex. OVERHEAD POWER LINE
- TOP OF SWALE
- BOTTOM OF SWALE

CLIENT: CARTER GROUP

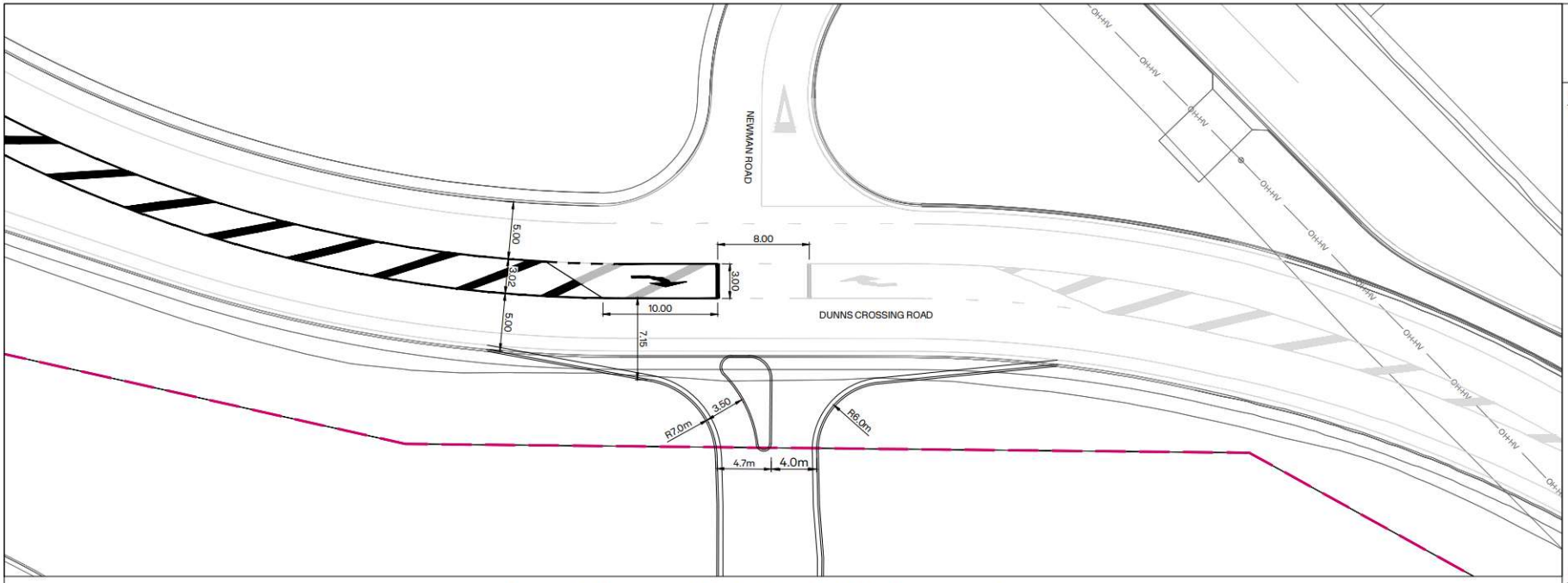
PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING INTERSECTION OVERVIEW PLAN

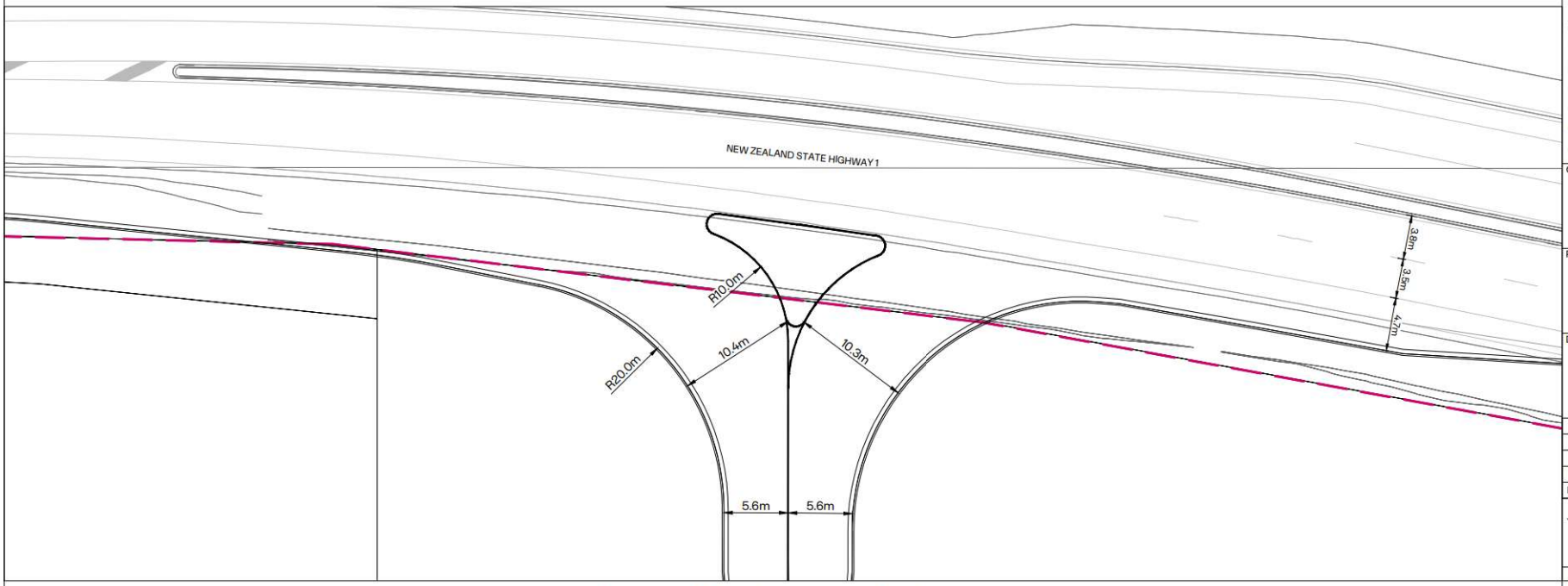
REVISION	DETAILS	BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-		-
DESIGNED	ARA		02/10/2026
DRAWN	ARA		08/10/2026
REVIEWED	CS		02/10/2026
APPROVED	MP		02/11/2026
SCALE	1:7,500 @A1	1:15,000 @A3	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION		A
DWG NO	16521-00-EN-3700		

Synergy Version:
Plot Date: 12:27:31 pm.2 November 2026, KIM CHEN



A 3700's DUNNS CROSSING ROAD - COMMERCIAL AREA INTERSECTION DETAIL
SCALE A1: 1:200 A3: 1:400



B 3700's STATE HIGHWAY 1 - COMMERCIAL AREA INTERSECTION DETAIL
SCALE A1: 1:200 A3: 1:400

INOVO

NOTES:
1. ALL DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES, UNLESS OTHERWISE NOTED.
2. THIS PLAN HAS BEEN PREPARED FOR A SPECIFIC PROJECT AND MUST NOT BE MODIFIED OR USED FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF INOVO.

LEGEND:
- SITE BOUNDARY
- EXISTING BOUNDARY
- PROPOSED LOT BOUNDARY
- PROPOSED KERB
- PROPOSED FOOTPATH
- EX. KERB
- EX. FOOTPATH
- OHHV — Ex. OVERHEAD POWER LINE
- TOP OF SWALE
- BOTTOM OF SWALE

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

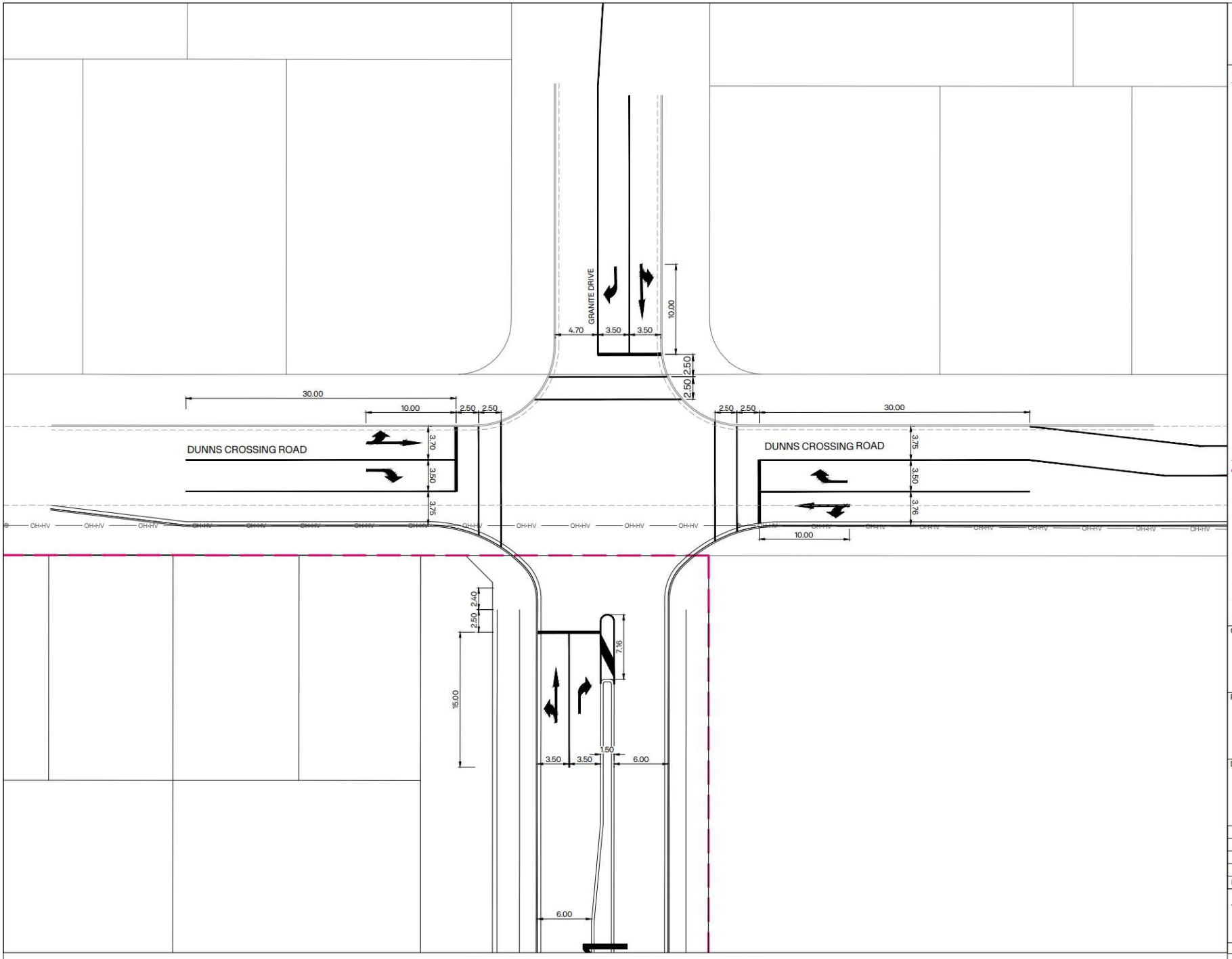
DRAWING TITLE: ROADING INTERSECTION PLAN SHEET 1 OF 12

REVISION	DETAILS	BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	ARA	02/10/2026
DRAWN	ARA	08/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE: AS SHOWN
REVISION: A
STATUS: FOR CONSENT / NOT FOR CONSTRUCTION
DWG NO: 16521-00-EN-3701

Synergy Version:
Plot Date: 12:27:34 pm, 2 November 2026, KIM CHEN
File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-3700.DWG



B 3700's DUNNS CROSSING ROAD - ROAD XXX INTERSECTION DETAIL
SCALE A1: 1:200 A3: 1:400

INOVO

NOTES:
1. ALL DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES, UNLESS OTHERWISE NOTED.
2. THIS PLAN HAS BEEN PREPARED FOR A SPECIFIC PROJECT AND MUST NOT BE MODIFIED OR USED FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF INOVO.

LEGEND:
- SITE BOUNDARY
- EXISTING BOUNDARY
- PROPOSED LOT BOUNDARY
- PROPOSED KERB
- PROPOSED FOOTPATH
- EX. KERB
- EX. FOOTPATH
- OH-HV Ex. OVERHEAD POWER LINE
- TOP OF SWALE
- BOTTOM OF SWALE

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING INTERSECTION PLAN SHEET 2 OF 12

	REVISION DETAILS	BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	ARA	02/10/2026
DRAWN	ARA	08/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE: AS SHOWN | REVISION

STATUS: FOR CONSENT / NOT FOR CONSTRUCTION | A

DWG NO: 16521-00-EN-3702

Synergy Version:

Plot Date: 12:27:36 pm, 2 November 2026, KIM CHEN

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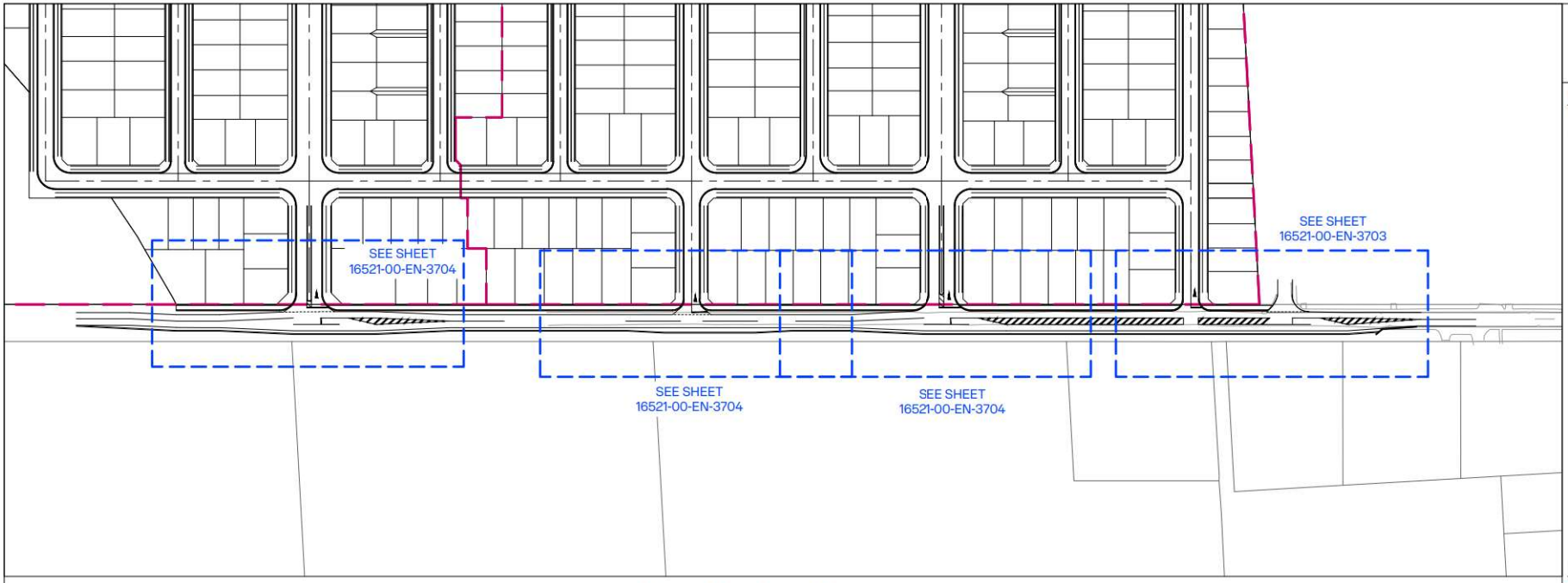
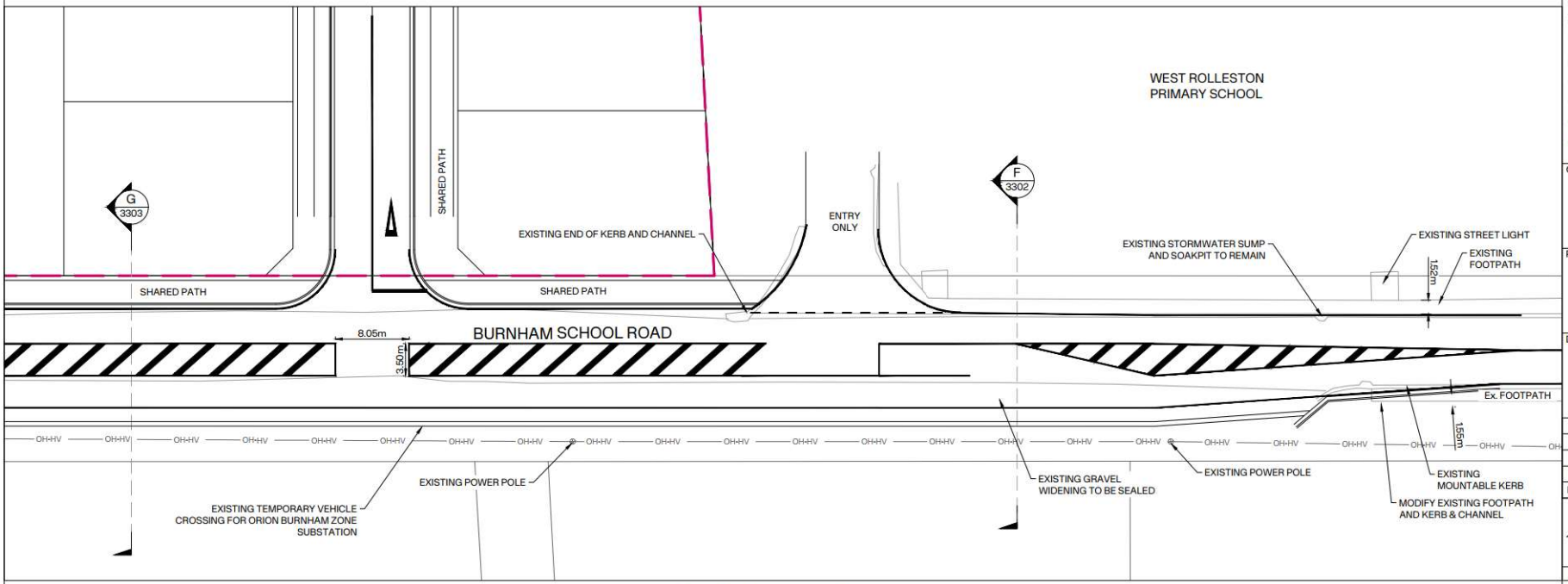


A 3700 BURNHAM SCHOOL ROAD OVERVIEW
SCALE A1: 1:1250 A3: 1:2500



B 3703 BURNHAM SCHOOL ROAD TO BURNHAM SCHOOL INTERSECTION
SCALE A1: 1:250 A3: 1:500

INOVO

NOTES:
1. ALL DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES, UNLESS OTHERWISE NOTED.
2. THIS PLAN HAS BEEN PREPARED FOR A SPECIFIC PROJECT AND MUST NOT BE MODIFIED OR USED FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF INOVO.

LEGEND:
- SITE BOUNDARY
- EXISTING BOUNDARY
- PROPOSED LOT BOUNDARY
- PROPOSED KERB
- PROPOSED FOOTPATH
- EX. KERB
- EX. FOOTPATH
- OH-HV — Ex. OVERHEAD POWER LINE
- TOP OF SWALE
- BOTTOM OF SWALE

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING INTERSECTION PLAN SHEET 3 OF 12

REVISION	DETAILS	BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	ARA	02/10/2026
DRAWN	ARA	08/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026
SCALE	AS SHOWN	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION	A
DWG NO	16521-00-EN-3703	

Synergy Version:

Plot Date: 12:27:39 pm, 2 November 2026, KIM CHEN

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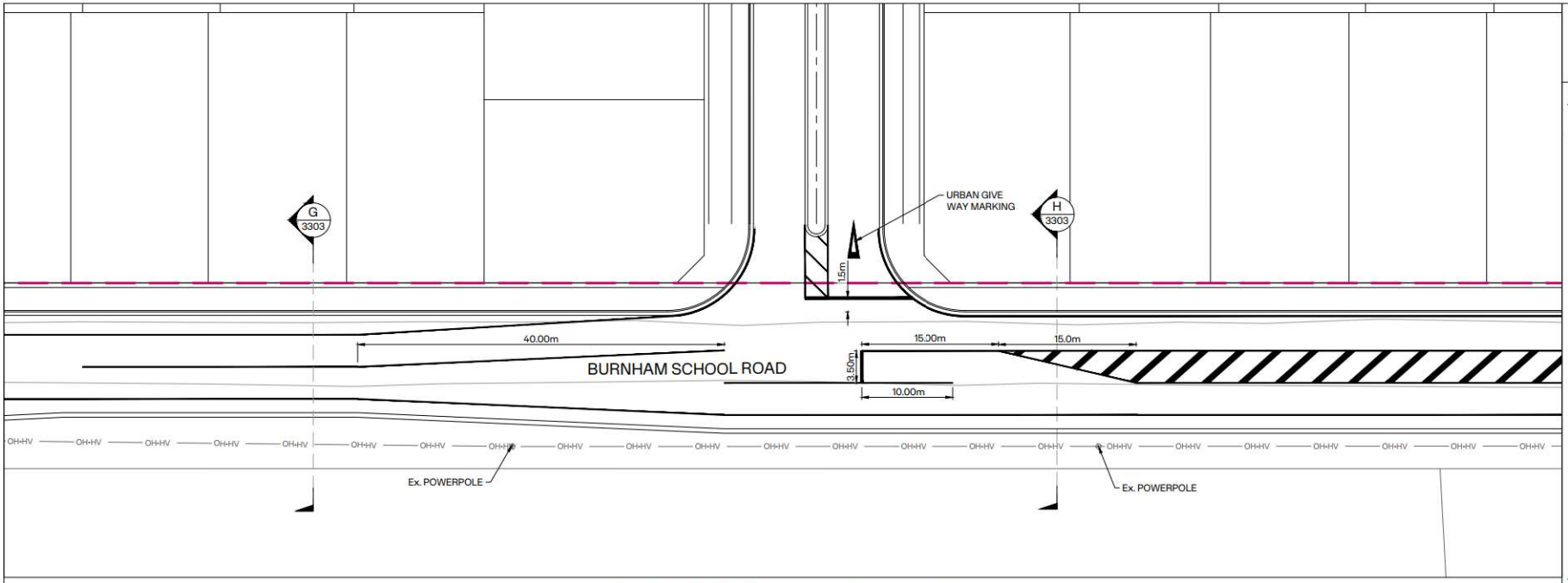
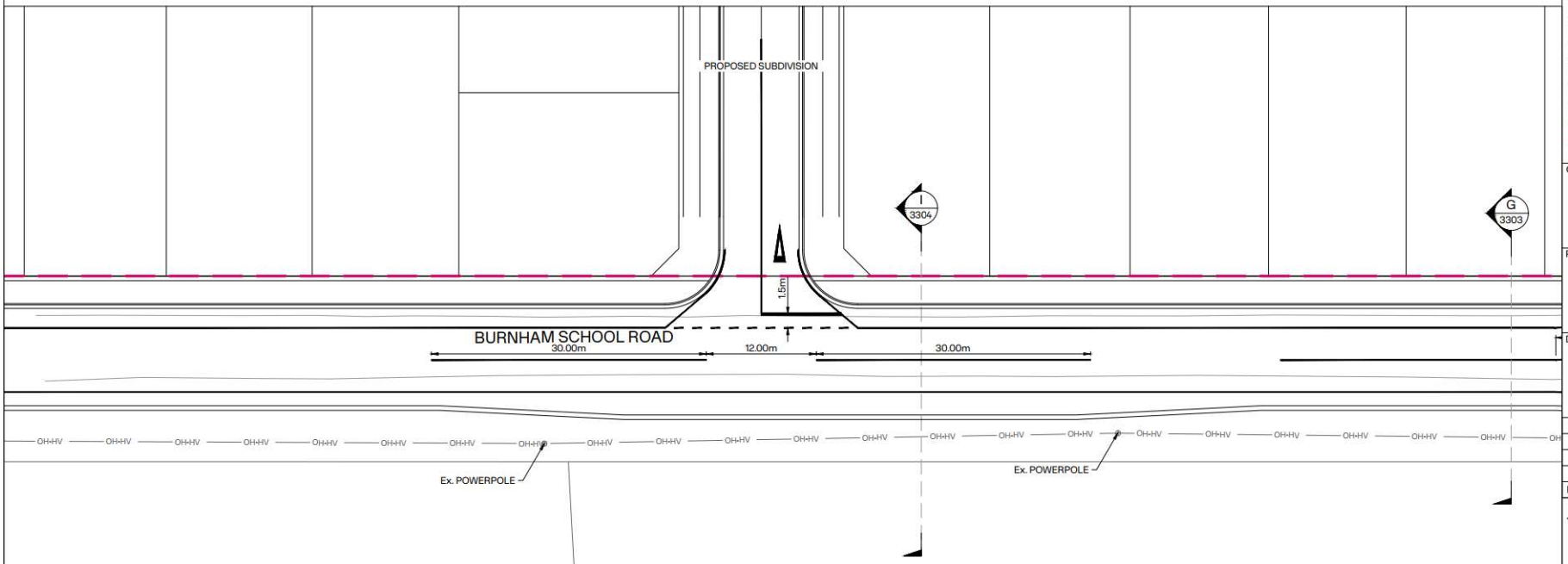


C 3703 BURNHAM SCHOOL ROAD - 24m ROAD INTERSECTION
SCALE A1: 1:250 A3: 1:500



D 3703 BURNHAM SCHOOL ROAD - 18m ROAD INTERSECTION
SCALE A1: 1:250 A3: 1:500

INOVO

NOTES:
1. ALL DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES, UNLESS OTHERWISE NOTED.
2. THIS PLAN HAS BEEN PREPARED FOR A SPECIFIC PROJECT AND MUST NOT BE MODIFIED OR USED FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF INOVO.

LEGEND:
- SITE BOUNDARY
- EXISTING BOUNDARY
- PROPOSED LOT BOUNDARY
- PROPOSED KERB
- PROPOSED FOOTPATH
- EX. KERB
- EX. FOOTPATH
- Ex. OVERHEAD POWER LINE
- TOP OF SWALE
- BOTTOM OF SWALE

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING INTERSECTION PLAN SHEET 4 OF 12

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

SURVEYED	-	-
DESIGNED	ARA	02/10/2026
DRAWN	ARA	08/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE	AS SHOWN	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION	A
DWG NO	16521-00-EN-3704	

Synergy Version:

Plot Date: 12:38:27 pm,2 November 2026, KIM CHEN

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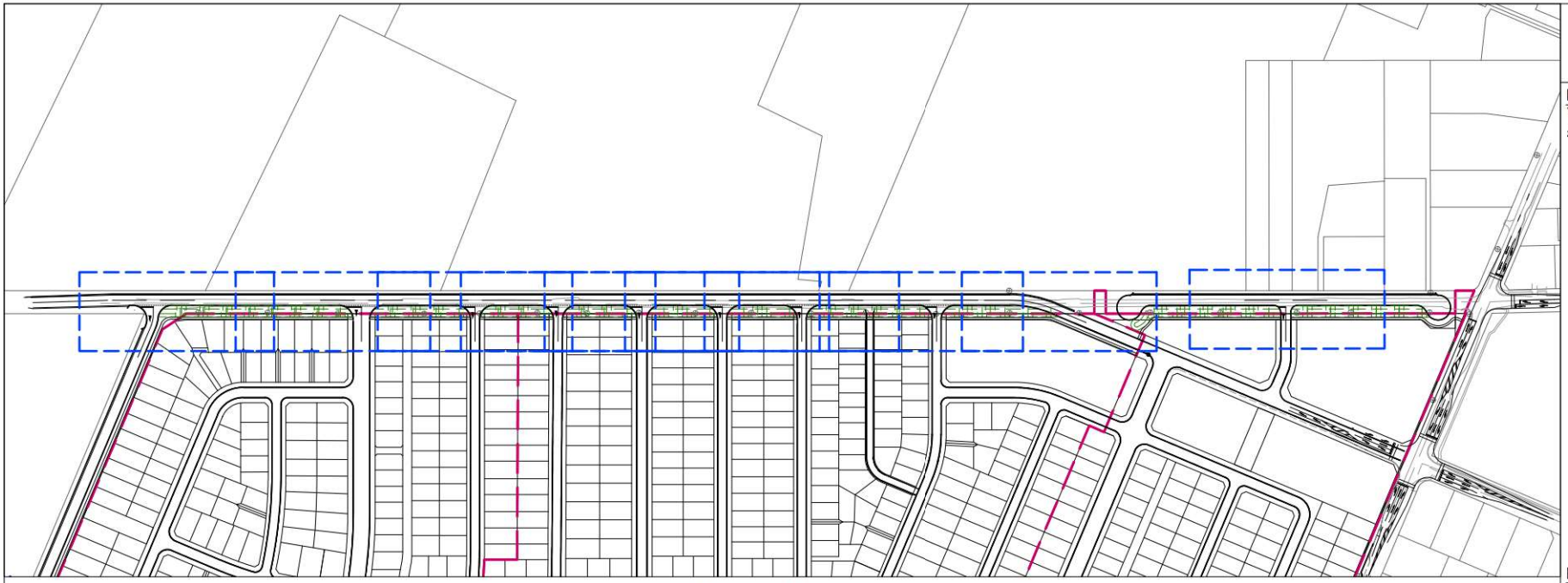
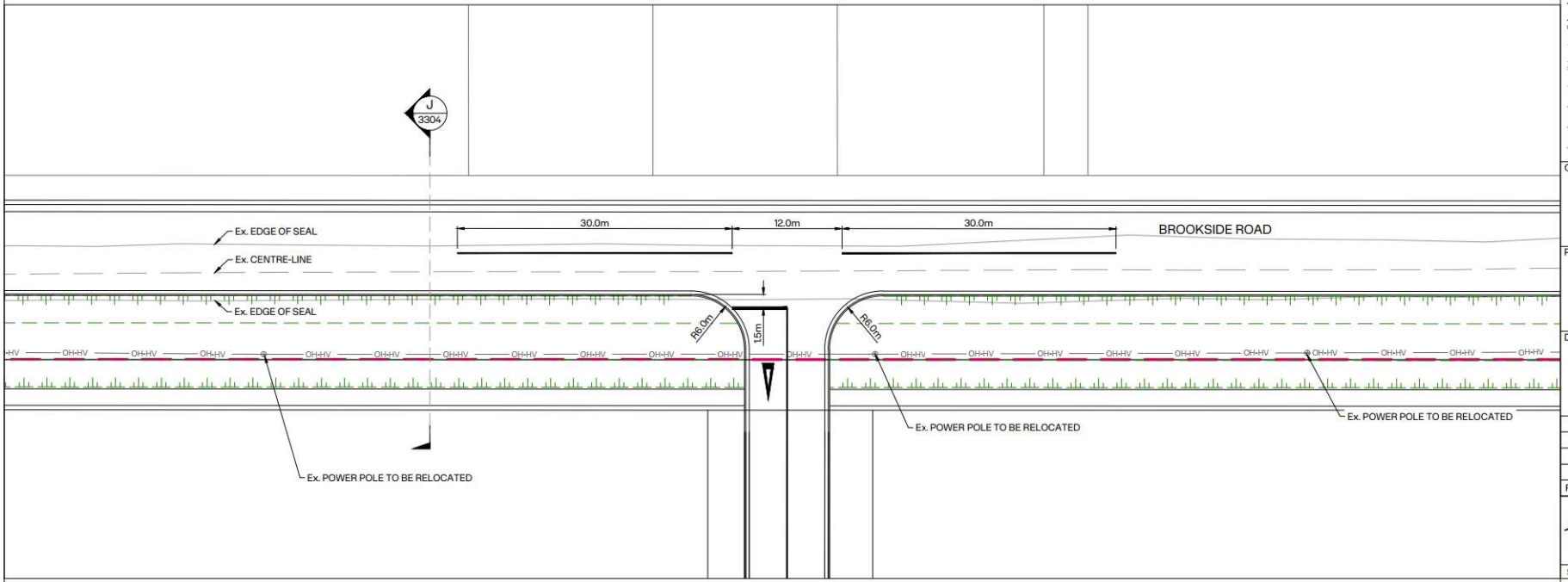


A 3705 BROOKSIDE ROAD OVERVIEW
SCALE A1: 1:2000 A3: 1:4000



B 3705 BROOKSIDE ROAD - 18m ROAD INTERSECTION
SCALE A1: 1:250 A3: 1:500

INOVO

NOTES:
1. ALL DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES, UNLESS OTHERWISE NOTED.
2. THIS PLAN HAS BEEN PREPARED FOR A SPECIFIC PROJECT AND MUST NOT BE MODIFIED OR USED FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF INOVO.

LEGEND:
- SITE BOUNDARY
- EXISTING BOUNDARY
- PROPOSED LOT BOUNDARY
- PROPOSED KERB
- PROPOSED FOOTPATH
- EX. KERB
- EX. FOOTPATH
- OH-HV — Ex. OVERHEAD POWER LINE
- TOP OF SWALE
- BOTTOM OF SWALE

CLIENT: CARTER GROUP

PROJECT:
WESTHAVEN
FAST TRACK

DRAWING TITLE:
ROADING
INTERSECTION PLAN
SHEET 5 OF 12

	REVISION DETAILS	BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	ARA	02/10/2026
DRAWN	ARA	08/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026
SCALE	AS SHOWN	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION	A
DWG NO	16521-00-EN-3705	

Synergy Version:
Plot Date: 12:27:45 pm, 2 November 2026, KIM CHEN
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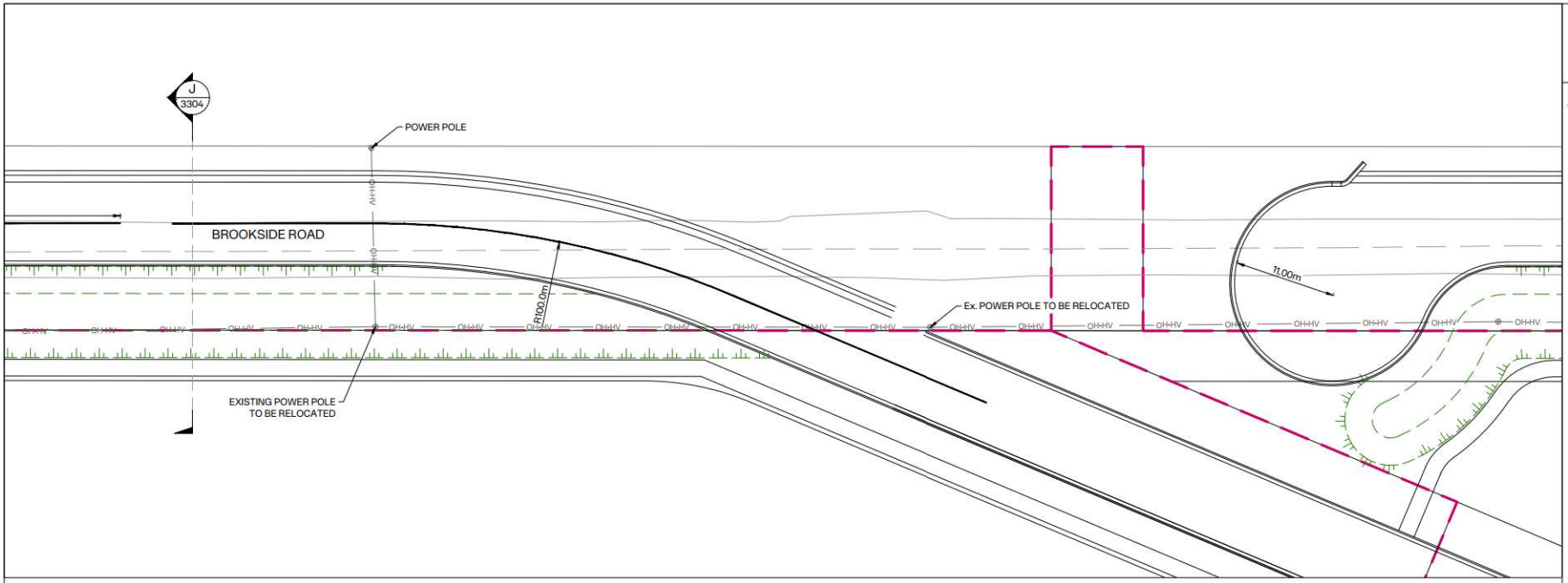
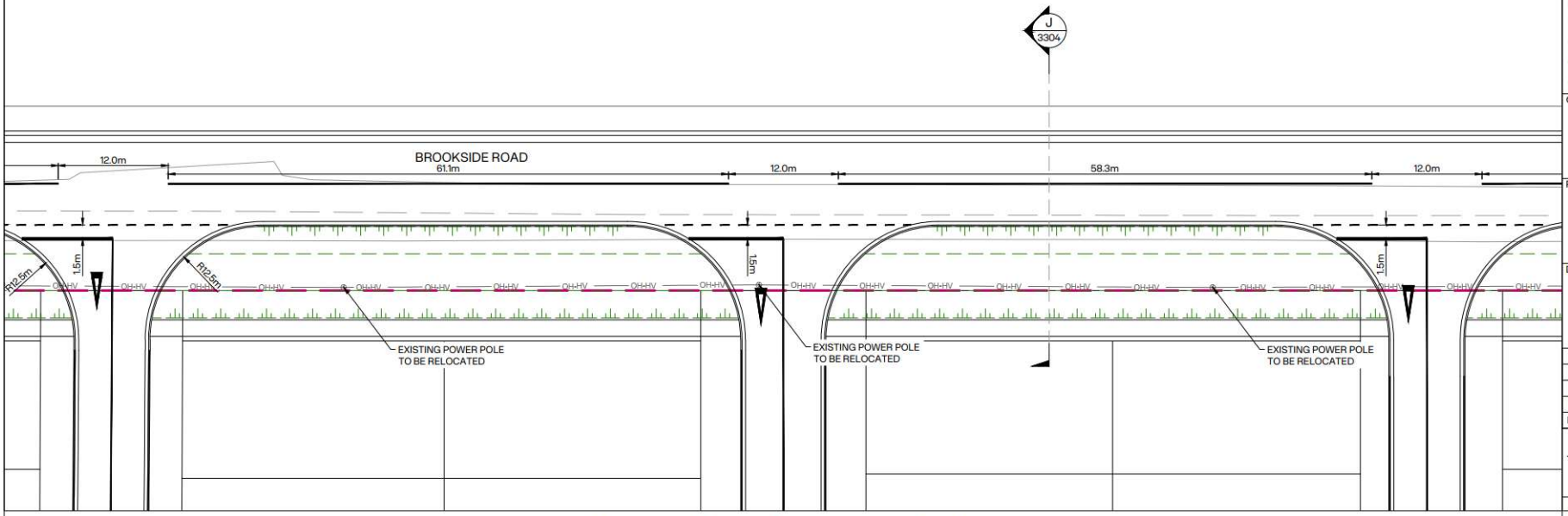


C 3705 BROOKSIDE ROAD - ROADING REALIGNMENT - COLLECTOR
SCALE A1: 1:250 A3: 1:500



D 3705 BROOKSIDE ROAD - 18m ROAD TYPICAL INTERSECTION
SCALE A1: 1:250 A3: 1:500

INOVO

NOTES:
1. ALL DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES, UNLESS OTHERWISE NOTED.
2. THIS PLAN HAS BEEN PREPARED FOR A SPECIFIC PROJECT AND MUST NOT BE MODIFIED OR USED FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF INOVO.

LEGEND:
- SITE BOUNDARY
- EXISTING BOUNDARY
- PROPOSED LOT BOUNDARY
- PROPOSED KERB
- PROPOSED FOOTPATH
- EX. KERB
- EX. FOOTPATH
- OH-HV Ex. OVERHEAD POWER LINE
- TOP OF SWALE
- BOTTOM OF SWALE

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING INTERSECTION PLAN SHEET 6 OF 12

REVISION	DETAILS	BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	ARA	02/10/2026
DRAWN	ARA	08/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026
SCALE	AS SHOWN	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION	A
DWG NO	16521-00-EN-3706	

Synergy Version:
Plot Date: 12:27:48 pm,2 November 2026,KIM CHEN
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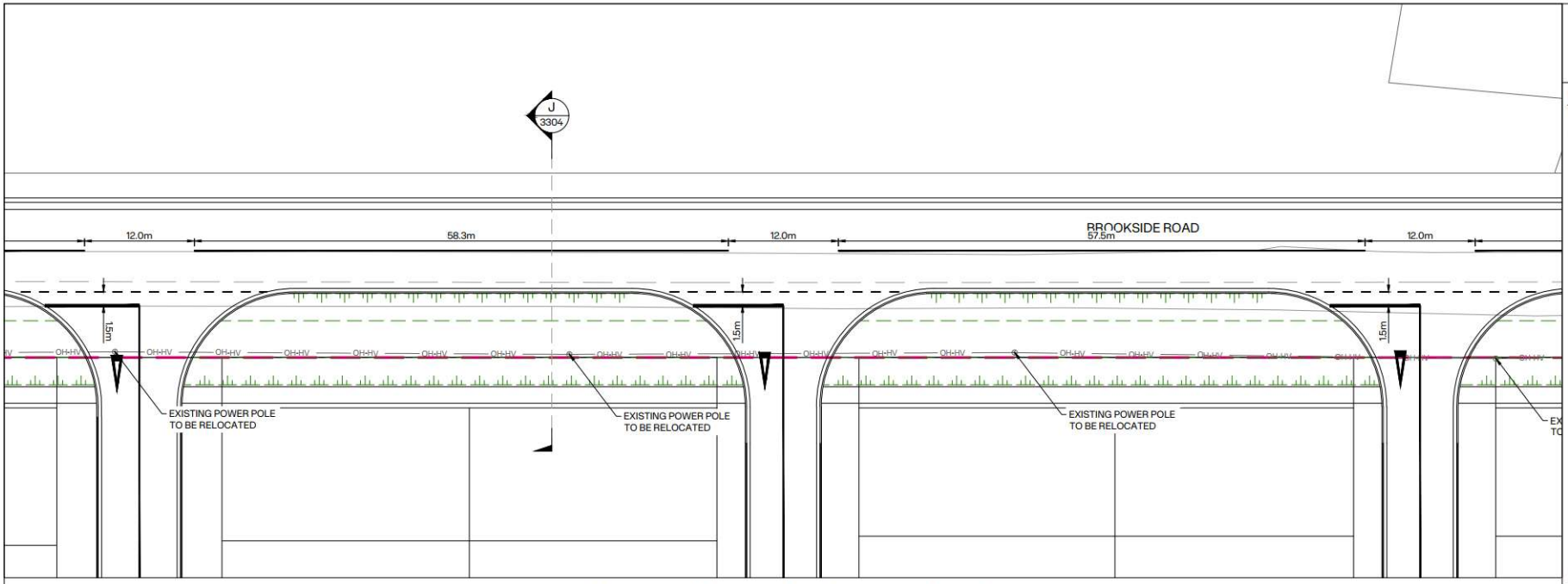
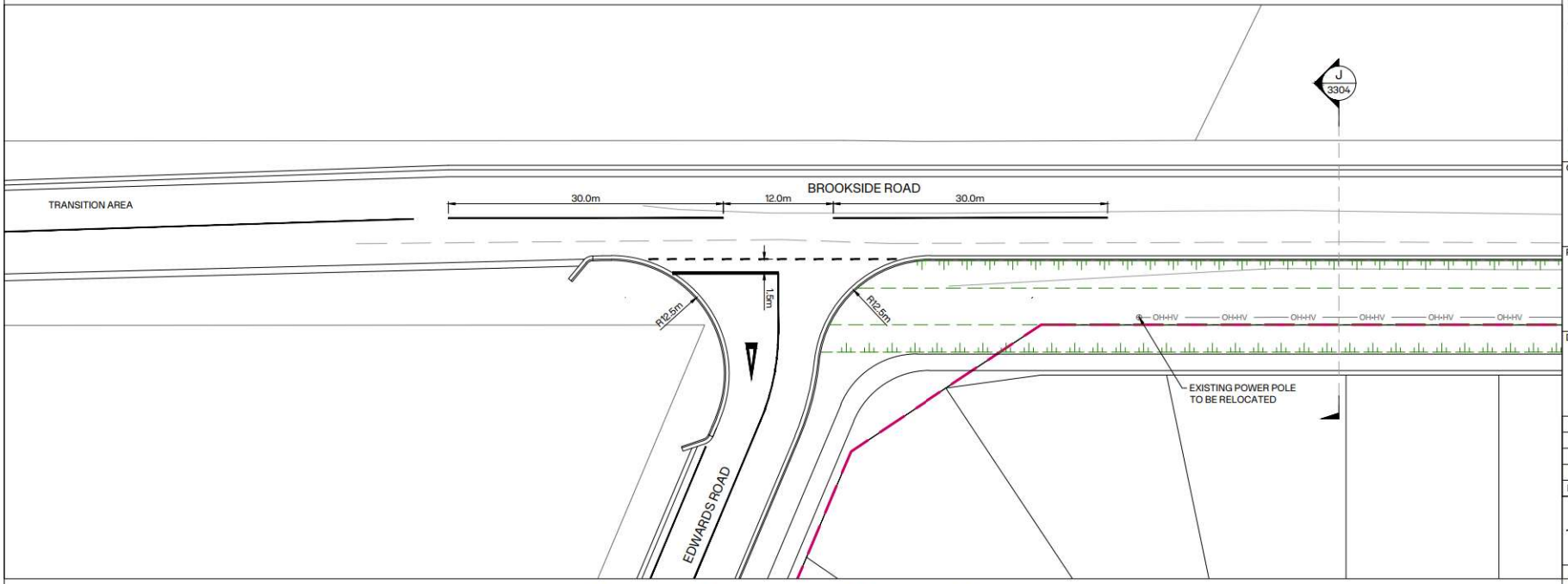


E 3705 BROOKSIDE ROAD - 15.5m ROAD TYPICAL INTERSECTION
SCALE A1: 1:250 A3: 1:500



F 3705 BROOKSIDE ROAD - SOUTHERN END INTERSECTION
SCALE A1: 1:250 A3: 1:500

INOVO

NOTES:
1. ALL DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES, UNLESS OTHERWISE NOTED.
2. THIS PLAN HAS BEEN PREPARED FOR A SPECIFIC PROJECT AND MUST NOT BE MODIFIED OR USED FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF INOVO.

LEGEND:
- SITE BOUNDARY
- EXISTING BOUNDARY
- PROPOSED LOT BOUNDARY
- PROPOSED KERB
- PROPOSED FOOTPATH
- EX. KERB
- EX. FOOTPATH
- OH-HV — Ex. OVERHEAD POWER LINE
- TOP OF SWALE
- BOTTOM OF SWALE

CLIENT: CARTER GROUP

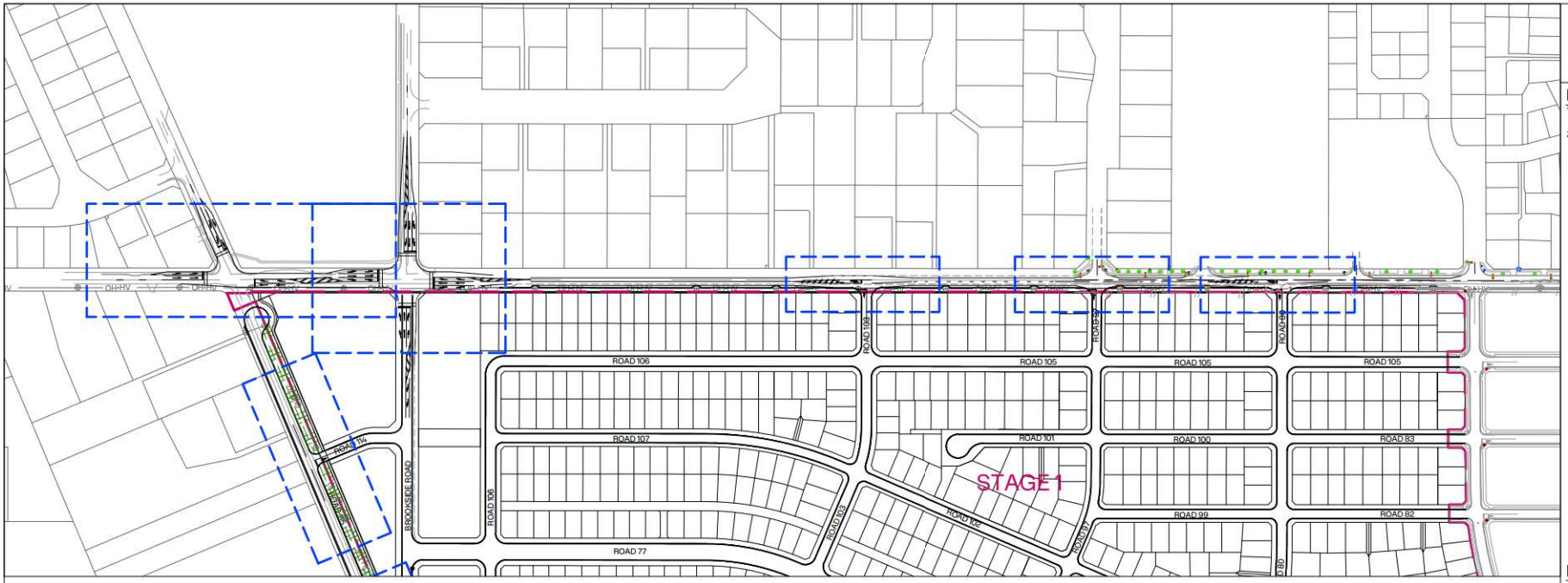
PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING INTERSECTION PLAN SHEET 7 OF 12

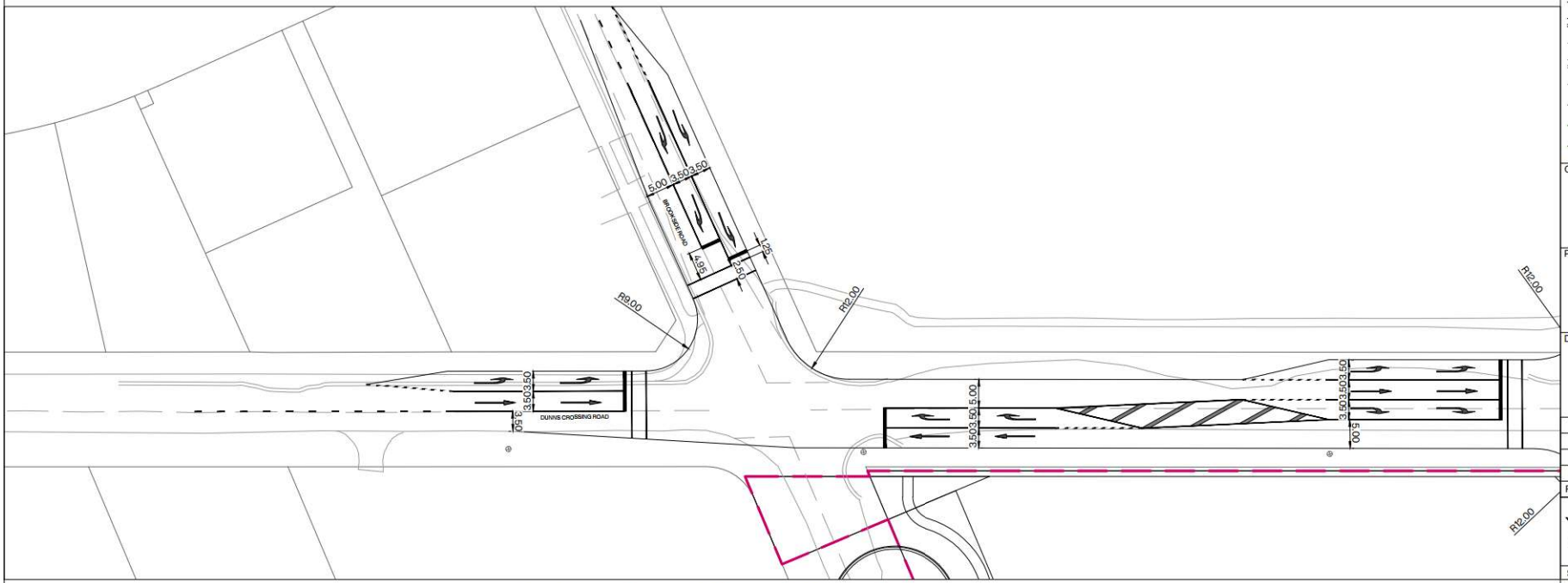
A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

SURVEYED	-	-
DESIGNED	ARA	02/10/2026
DRAWN	ARA	08/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026
SCALE	AS SHOWN	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION	A
DWG NO	16521-00-EN-3707	

Synergy Version:
Plot Date: 12:27:52 pm 2 November 2026, KIM CHEN
File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-3700.DWG



A 3708 DUNNS CROSSING ROAD - OVERVIEWS
SCALE A1: 1:2000 A3: 1:400



B 3708 DUNNS CROSSING ROAD - 18m ROAD TYPICAL INTERSECTION
SCALE A1: 1:400 A3: 1:800

INOVO

NOTES:
1. ALL DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES, UNLESS OTHERWISE NOTED.
2. THIS PLAN HAS BEEN PREPARED FOR A SPECIFIC PROJECT AND MUST NOT BE MODIFIED OR USED FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF INOVO.

LEGEND:
- SITE BOUNDARY
- EXISTING BOUNDARY
- PROPOSED LOT BOUNDARY
- PROPOSED KERB
- PROPOSED FOOTPATH
- EX. KERB
- EX. FOOTPATH
- OH-HV Ex. OVERHEAD POWER LINE
- TOP OF SWALE
- BOTTOM OF SWALE

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING INTERSECTION PLAN SHEET 8 OF 12

REVISION	DETAILS	BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	ARA	02/10/2026
DRAWN	ARA	08/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026
SCALE	AS SHOWN	REVISION
STATUS	FOR CONSENT / NOT FOR CONSTRUCTION	A
DWG NO	16521-00-EN-3708	

Synergy Version:

Plot Date: 12:27:55 pm, 2 November 2026, KIM CHEN

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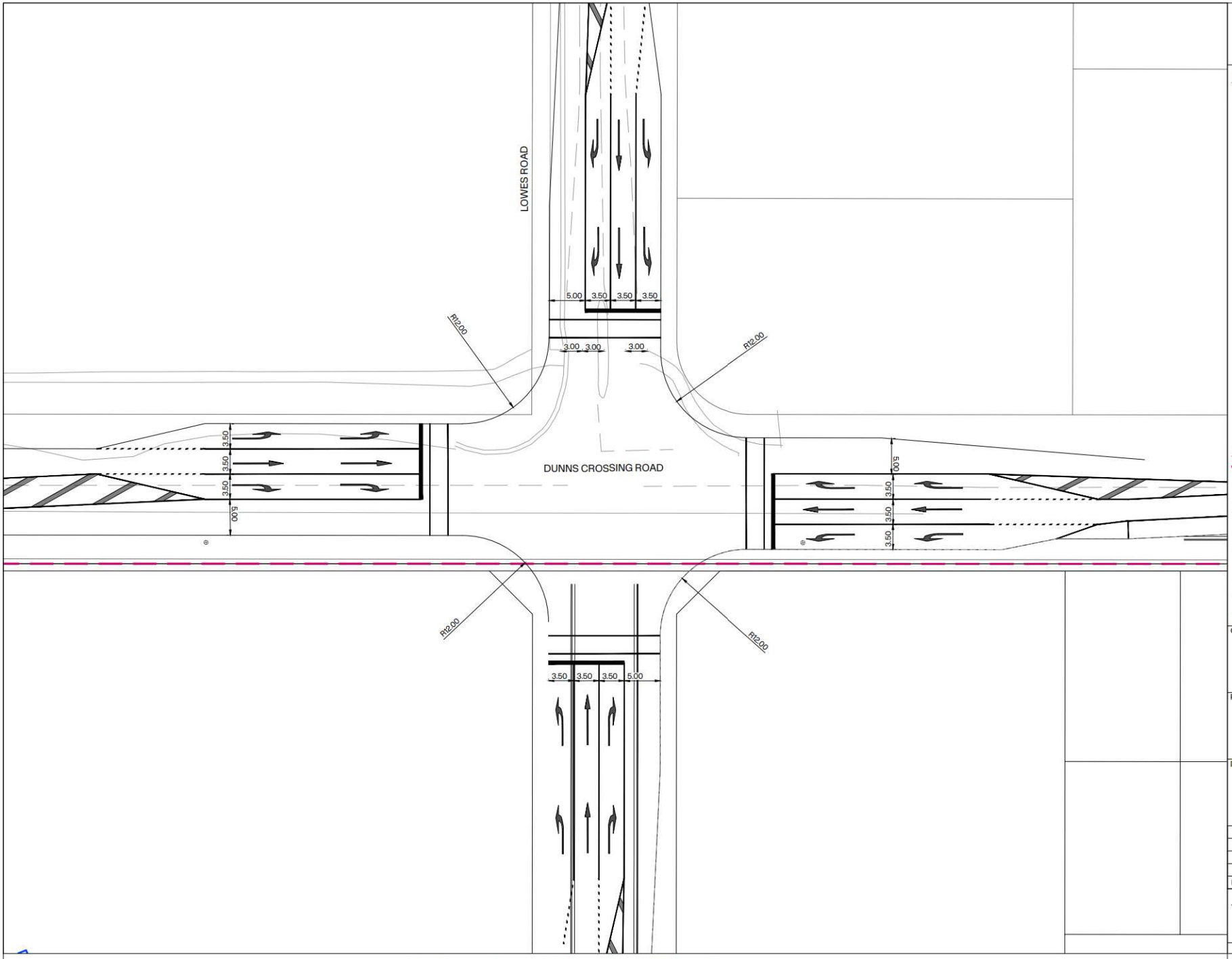

C 3708 DUNNS CROSSING ROAD - LOWES ROAD INTERSECTION
SCALE A1: 1:250 A3: 1:500

INOVO

NOTES:
1. ALL DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES, UNLESS OTHERWISE NOTED.
2. THIS PLAN HAS BEEN PREPARED FOR A SPECIFIC PROJECT AND MUST NOT BE MODIFIED OR USED FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF INOVO.

LEGEND:
- SITE BOUNDARY
- EXISTING BOUNDARY
- PROPOSED LOT BOUNDARY
- PROPOSED KERB
- PROPOSED FOOTPATH
- EX. KERB
- EX. FOOTPATH
- OH-HV Ex. OVERHEAD POWER LINE
- TOP OF SWALE
- BOTTOM OF SWALE

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING INTERSECTION PLAN SHEET 9 OF 12

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

SURVEYED	-	-
DESIGNED	ARA	02/10/2026
DRAWN	ARA	08/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026
SCALE	AS SHOWN	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION	A
DWG NO	16521-00-EN-3709	

Synergy Version:
Plot Date: 12:27:57 pm,2 November 2026, KIM CHEN
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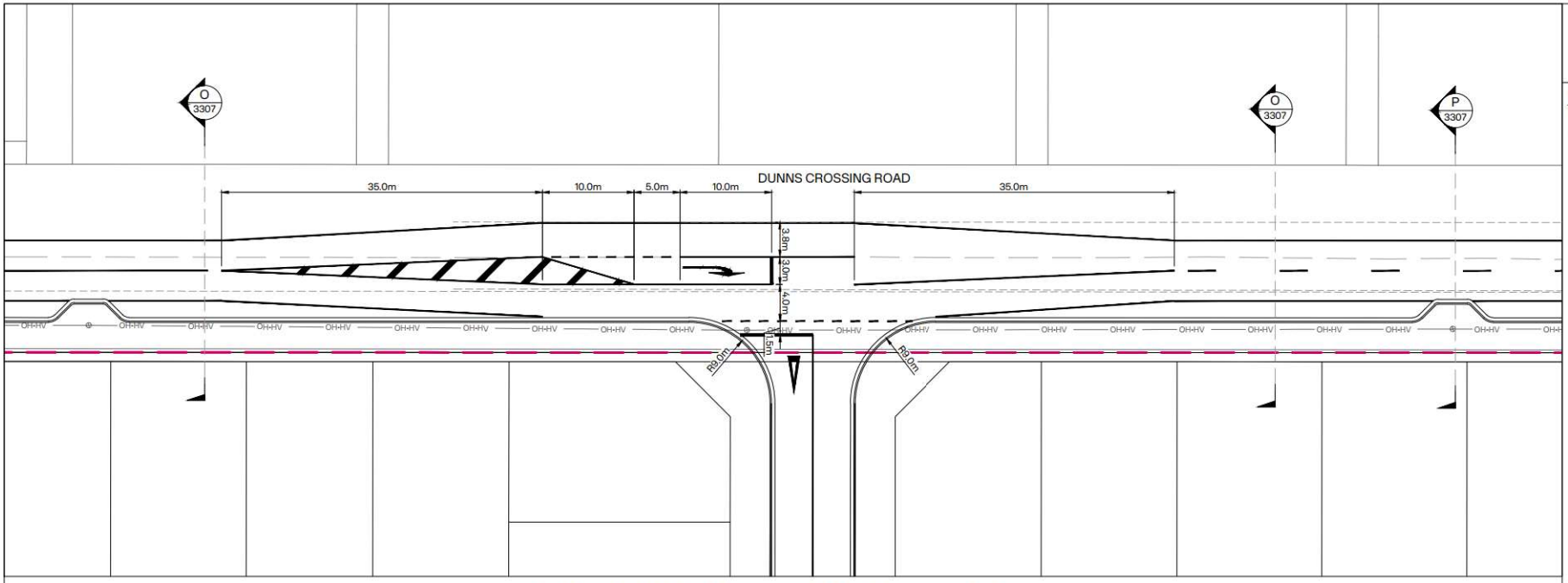
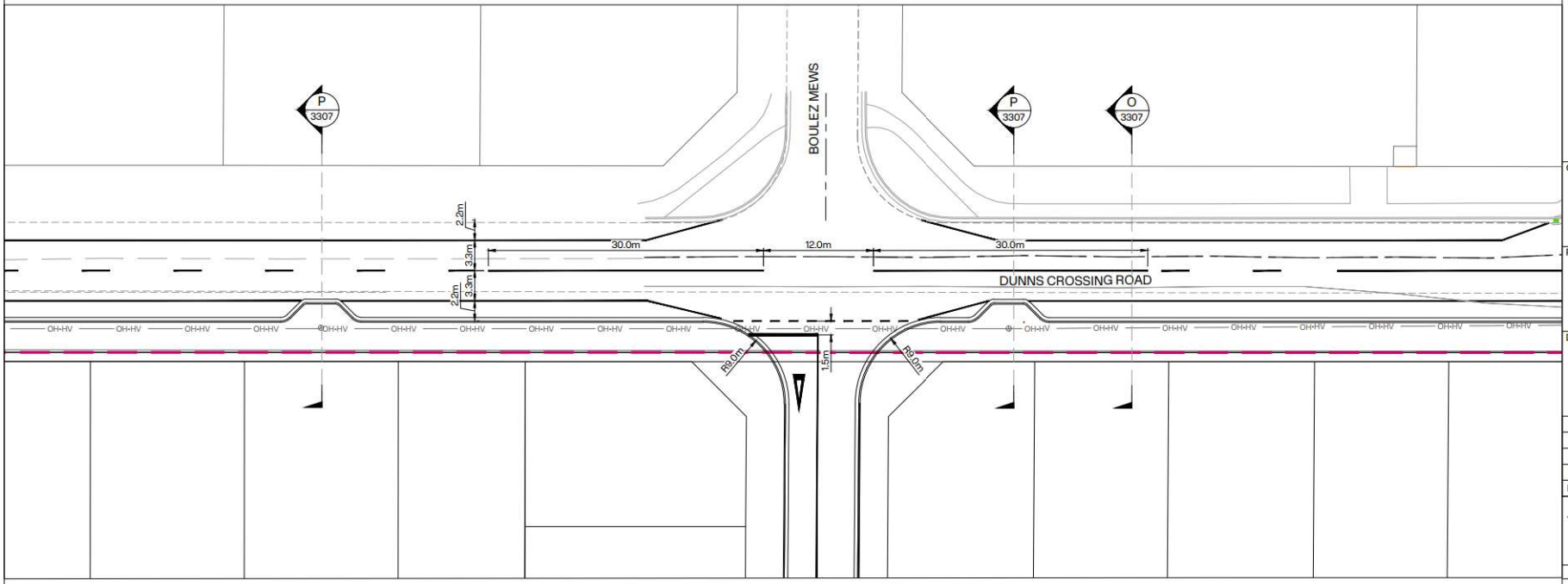


D 3708 DUNNS CROSSING ROAD - 18m ROAD TYPICAL INTERSECTION
SCALE A1: 1:250 A3: 1:500



E 3708 DUNNS CROSSING ROAD - 15.5m ROAD TYPICAL INTERSECTION
SCALE A1: 1:250 A3: 1:500

INOVO

NOTES:
1. ALL DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES, UNLESS OTHERWISE NOTED.
2. THIS PLAN HAS BEEN PREPARED FOR A SPECIFIC PROJECT AND MUST NOT BE MODIFIED OR USED FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF INOVO.

LEGEND:
- SITE BOUNDARY
- EXISTING BOUNDARY
- PROPOSED LOT BOUNDARY
- PROPOSED KERB
- PROPOSED FOOTPATH
- EX. KERB
- EX. FOOTPATH
- OH-HV Ex. OVERHEAD POWER LINE
- TOP OF SWALE
- BOTTOM OF SWALE

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING INTERSECTION PLAN SHEET 10 OF 12

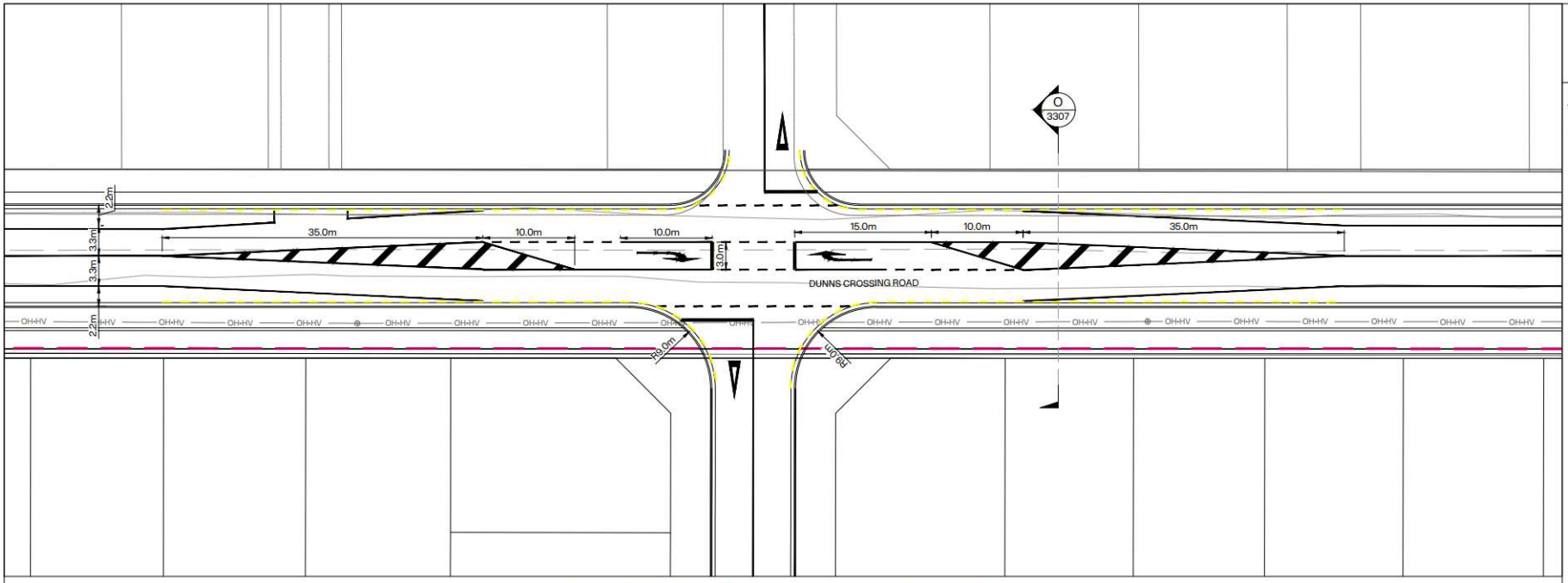
A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

SURVEYED	-	-
DESIGNED	ARA	02/10/2026
DRAWN	ARA	08/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026
SCALE	AS SHOWN	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION	A
DWG NO	16521-00-EN-3710	

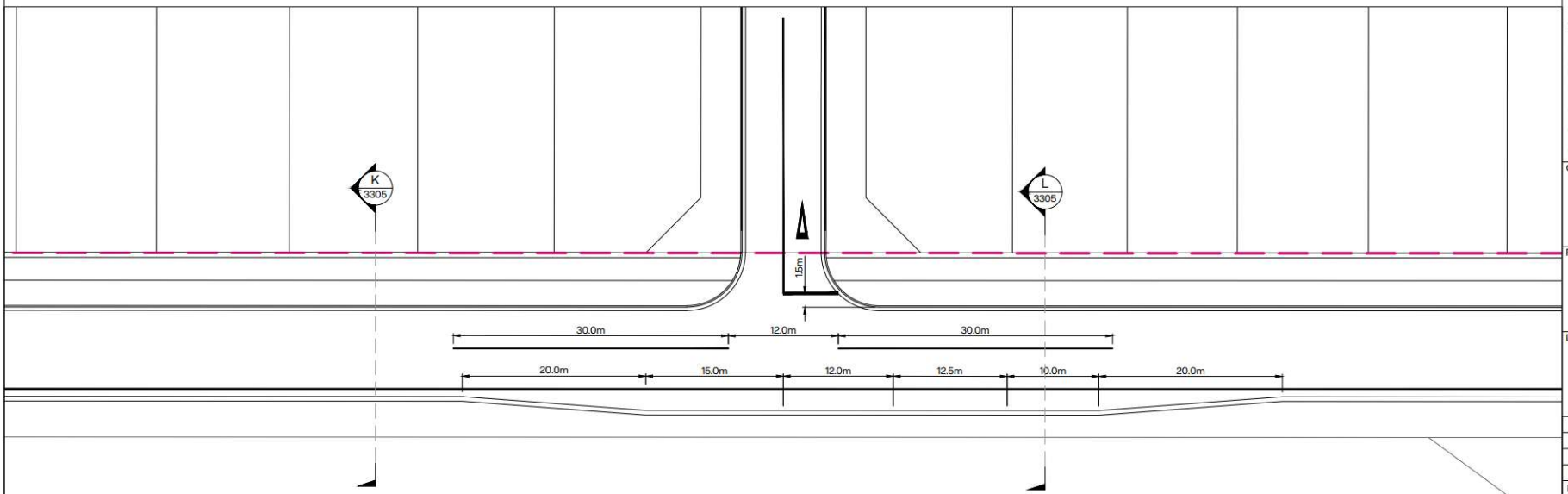
Synergy Version:

Plot Date: 12:28:00 pm,2 November 2026, KIM CHEN

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-3700.DWG



E 3708 DUNNS CROSSING ROAD - 18m ROAD INTERSECTION
SCALE A1: 1:250 A3: 1:500



F 3708 EDWARDS ROAD - 18m ROAD INTERSECTION
SCALE A1: 1:250 A3: 1:500

INOVO

NOTES:
1. ALL DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES, UNLESS OTHERWISE NOTED.
2. THIS PLAN HAS BEEN PREPARED FOR A SPECIFIC PROJECT AND MUST NOT BE MODIFIED OR USED FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF INOVO.

LEGEND:
- SITE BOUNDARY
- EXISTING BOUNDARY
- PROPOSED LOT BOUNDARY
- PROPOSED KERB
- PROPOSED FOOTPATH
- EX. KERB
- EX. FOOTPATH
- OH-HV Ex. OVERHEAD POWER LINE
- TOP OF SWALE
- BOTTOM OF SWALE

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING INTERSECTION PLAN SHEET 11 OF 12

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

SURVEYED	-	-
DESIGNED	ARA	02/10/2026
DRAWN	ARA	08/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026
SCALE	AS SHOWN	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION	A
DWG NO	16521-00-EN-3711	

Synergy Version:

Plot Date: 12:28:03 pm,2 November 2026, KIM CHEN

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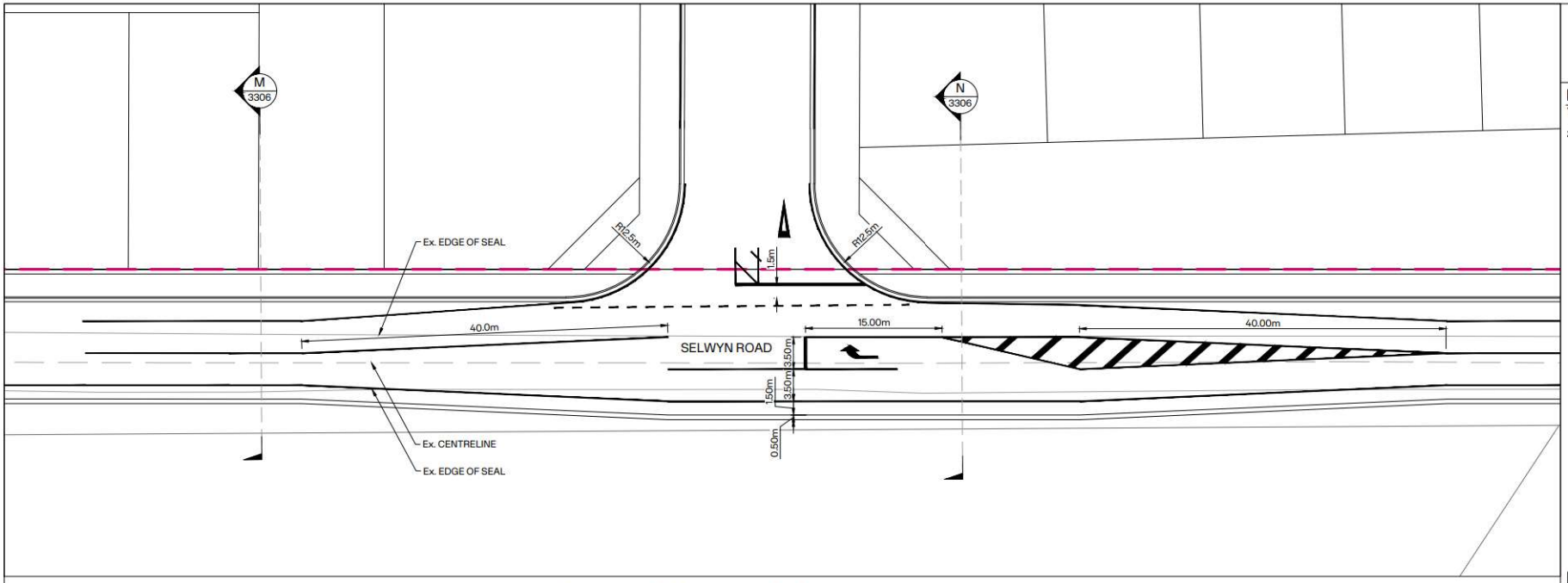

G 3708 SELWYN ROAD - 24m ROAD INTERSECTION
SCALE A1: 1:250 A3: 1:500

INOVO

NOTES:
1. ALL DIMENSIONS SHOWN ON THIS PLAN ARE IN METRES, UNLESS OTHERWISE NOTED.
2. THIS PLAN HAS BEEN PREPARED FOR A SPECIFIC PROJECT AND MUST NOT BE MODIFIED OR USED FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF INOVO.

LEGEND:
- SITE BOUNDARY
- EXISTING BOUNDARY
- PROPOSED LOT BOUNDARY
- PROPOSED KERB
- PROPOSED FOOTPATH
- EX. KERB
- EX. FOOTPATH
- OH-HV Ex. OVERHEAD POWER LINE
- TOP OF SWALE
- BOTTOM OF SWALE

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: ROADING INTERSECTION PLAN SHEET 12 OF 12

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

SURVEYED	-	-
DESIGNED	ARA	02/10/2026
DRAWN	ARA	08/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026
SCALE	AS SHOWN	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION	A
DWG NO	16521-00-EN-3712	

Synergy Version:

Plot Date: 12:28:06 pm,2 November 2026, KIM CHEN

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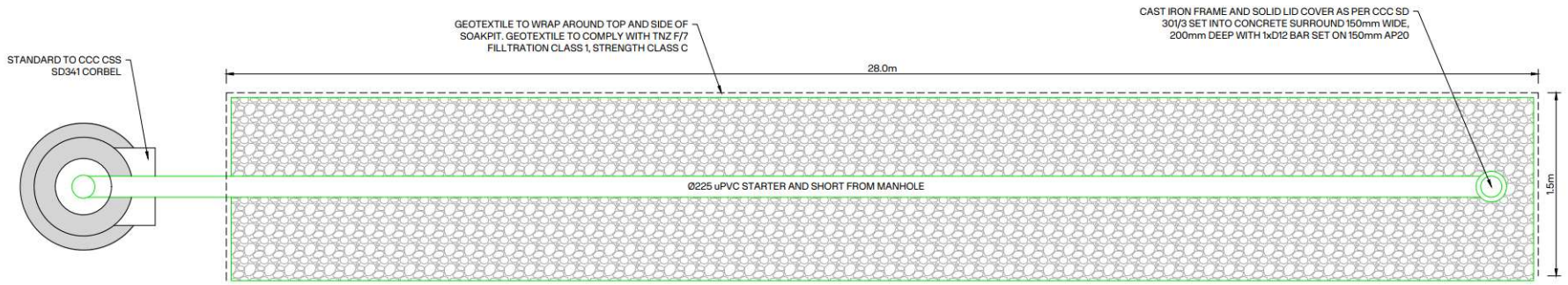
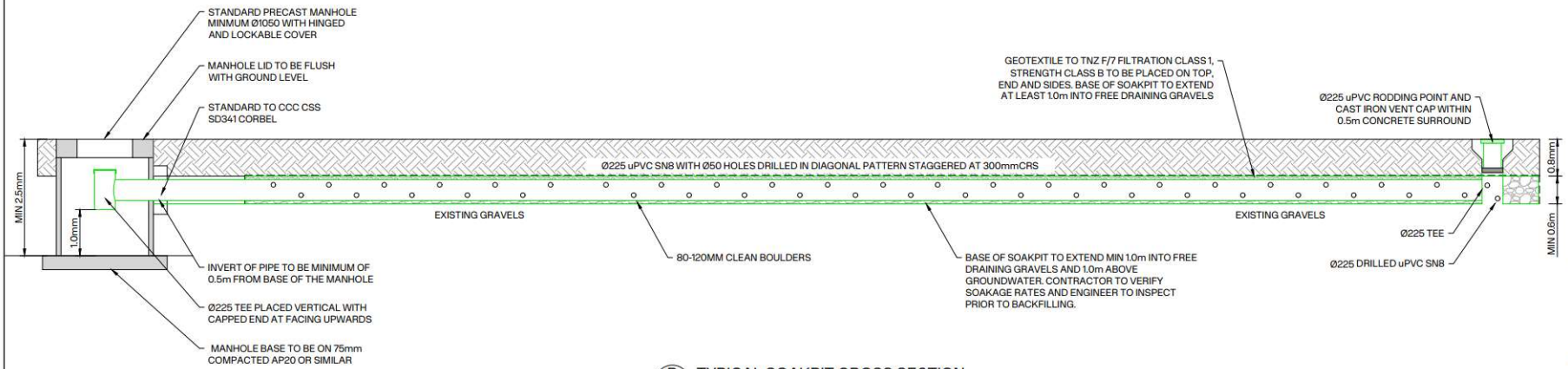
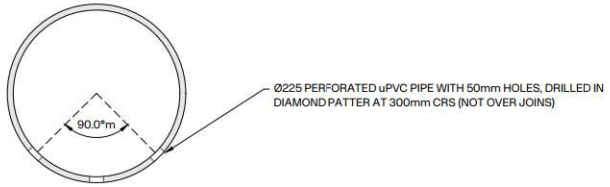


A TYPICAL SOAKPIT DETAIL
SCALE N.T.S



B TYPICAL SOAKPIT CROSS SECTION
SCALE N.T.S



C TYPICAL DRILLING PATTERN
SCALE N.T.S

NOTES:

1. SOAKPITS TO EXTEND MIN. 1.0m INTO FREE DRAINING GRAVELS.
2. ENGINEER TO INSPECT AND CONFIRM INFILTRATION RATE AT BASE OF ALL SOAKPITS PRIOR TO BACKFILLING WITH BOULDERS.
3. BOULDERS TO BE FREE FROM SOIL AND LOOSE MATERIAL.

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: STORMWATER DETAILS

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

SURVEYED	-	-
DESIGNED	MS	06/10/2026
DRAWN	ARA	06/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE	AS SHOWN	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION	A
DWG NO	16521-00-EN-4500	

Synergy Version:

Plot Date: 12:42:00 pm,2 November 2026, KIM CHEN

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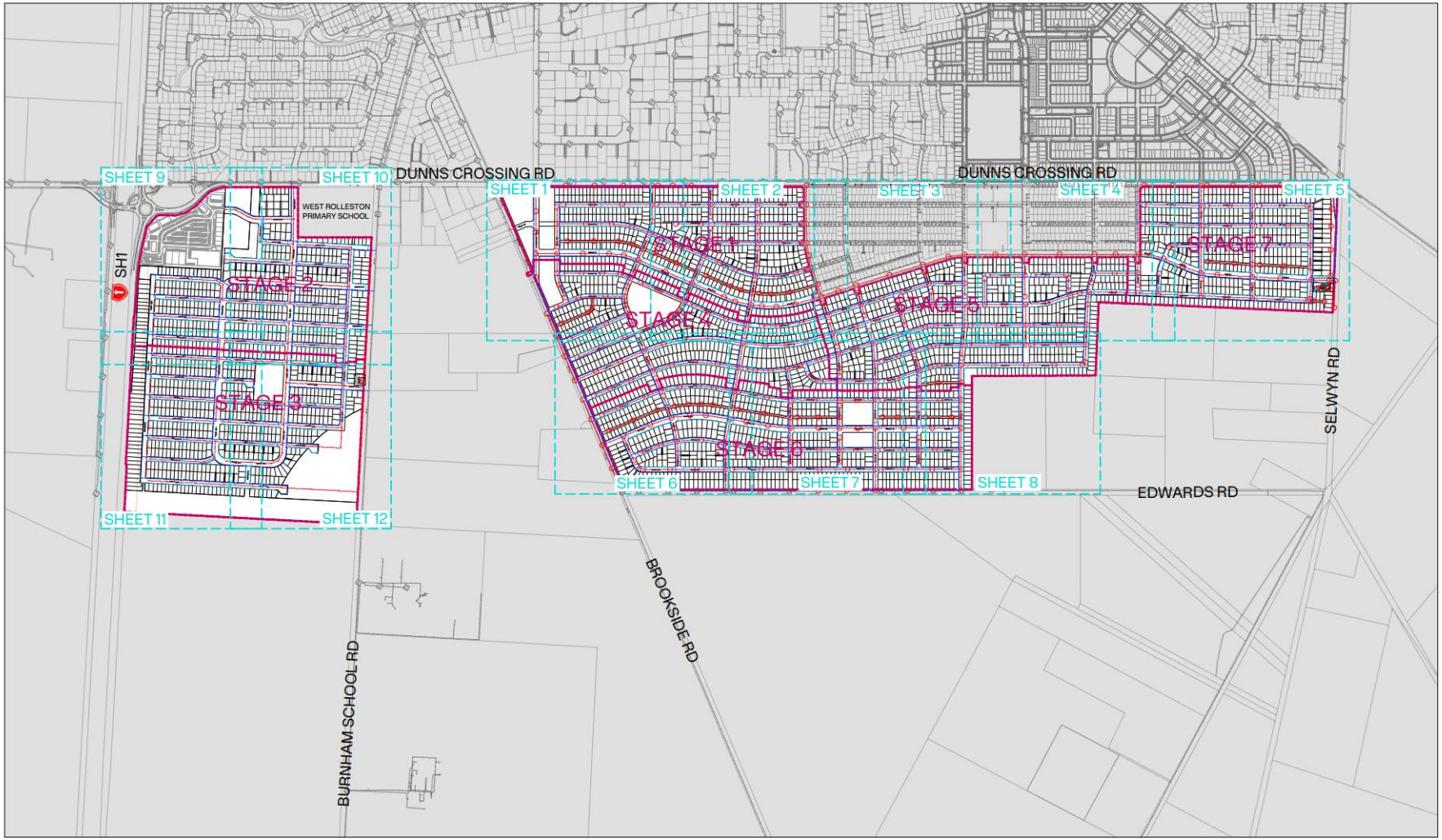

NOTES:

1. ALL LEVELS IN TERMS OF NZVD2016.
2. COORDINATES IN TERMS OF NZGD2000 MT PLEASANT CIRCUIT.
3. ALL DRAWINGS TO BE READ AS A COMPLETE SET. ANY DISCREPANCIES TO BE REFERRED TO THE ENGINEER FOR CLARIFICATION.
4. ALL WORKS TO BE IN ACCORDANCE WITH THE SDC ECoP.
5. ALL EXISTING SERVICES ARE TO BE LOCATED, IDENTIFIED AND PROTECTED BY THE CONTRACTOR PRIOR TO COMMENCING EARTHWORKS.
6. ALL MAINS TO HAVE MINIMUM 0.75m COVER WITHIN THE ROAD CARRIAGEWAY. WHERE MINIMUM COVER CANNOT BE ACHIEVED, CONCRETE CAPPING TO CCC CSS SD342 TYPE E SHALL BE INSTALLED.
7. ALL LATERALS TO EXTEND AT LEAST 1m INTO THE NET SITE AREA OF EACH LOT, BE END-CAPPED AND MARKED WITH A RED PAINTED MARKER PEG.
13. ALL LATERALS TERMINATING WITHIN LOTS SHALL HAVE MIN COVER DEPTH OF 1.2m.
14. GALVANISED LADDERS MUST BE INSTALLED IN MANHOLES WHERE THE DEPTH FROM TOP OF BENCHING TO SURFACE LEVEL IS >1.3m.
15. Ø100mm LATERALS TO BE LAID AT A MINIMUM GRADE OF 1:80.
16. LAYING OF PIPE RETICULATION SHALL BE MADE BY A SELWYN DISTRICT COUNCIL AUTHORISED WATER SUPPLY INSTALLER.
17. CONNECTIONS INTO EXISTING RETICULATION NETWORK REQUIRES APPROVAL AND SUPERVISION FROM SWL AND CORDE.
18. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE SDC ECOP.
19. MINIMUM COVER FOR MAINS WITHIN CARRIAGEWAY TO BE 0.75m. MINIMUM COVER FOR SUBMAINS TO BE 0.6m.
20. ALL SUBMAINS ARE OD63 PE80B PN12.5 AND TO BE LAID 0.5m OFFSET FROM BOUNDARY.
21. SUBMAINS TO EXTEND MINIMUM OF 1.0m ALONG FRONTAGE OF LOT BEING SERVICED.
22. ALL VALVES TO BE ANTICLOCKWISE CLOSING RESILIENT SEATED SLUICE VALVES WITH CONCRETE RISERS AND DUCTILE IRON COVERS INCLUDING ON SUBMAINS.
23. ALL PE PIPE >63mm OD TO BE PE100 GRADE.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- WASTEWATER MAIN (PR/EX)
- MANHOLE (PR/EX)
- WATER MAIN (PR/EX)
- WATER SUBMAIN (PR/EX)
- FIRE HYDRANT (PR/EX)

0 150 375 750 SCALE (m) 1: 7,500 @A1
1:15,000 @A3

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: WASTEWATER AND WATER MAIN OVERVIEW PLAN

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

SURVEYED	-	-
DESIGNED	CS	02/10/2026
DRAWN	ARA	08/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:7,500 @A1 1:15,000 @A3 REVISION

STATUS FOR CONSENT
NOT FOR CONSTRUCTION
A

DWG NO 16521-00-EN-5000

Synergy Version:

Plot Date: 12:40:32 pm2 November 2026, KIM CHEN

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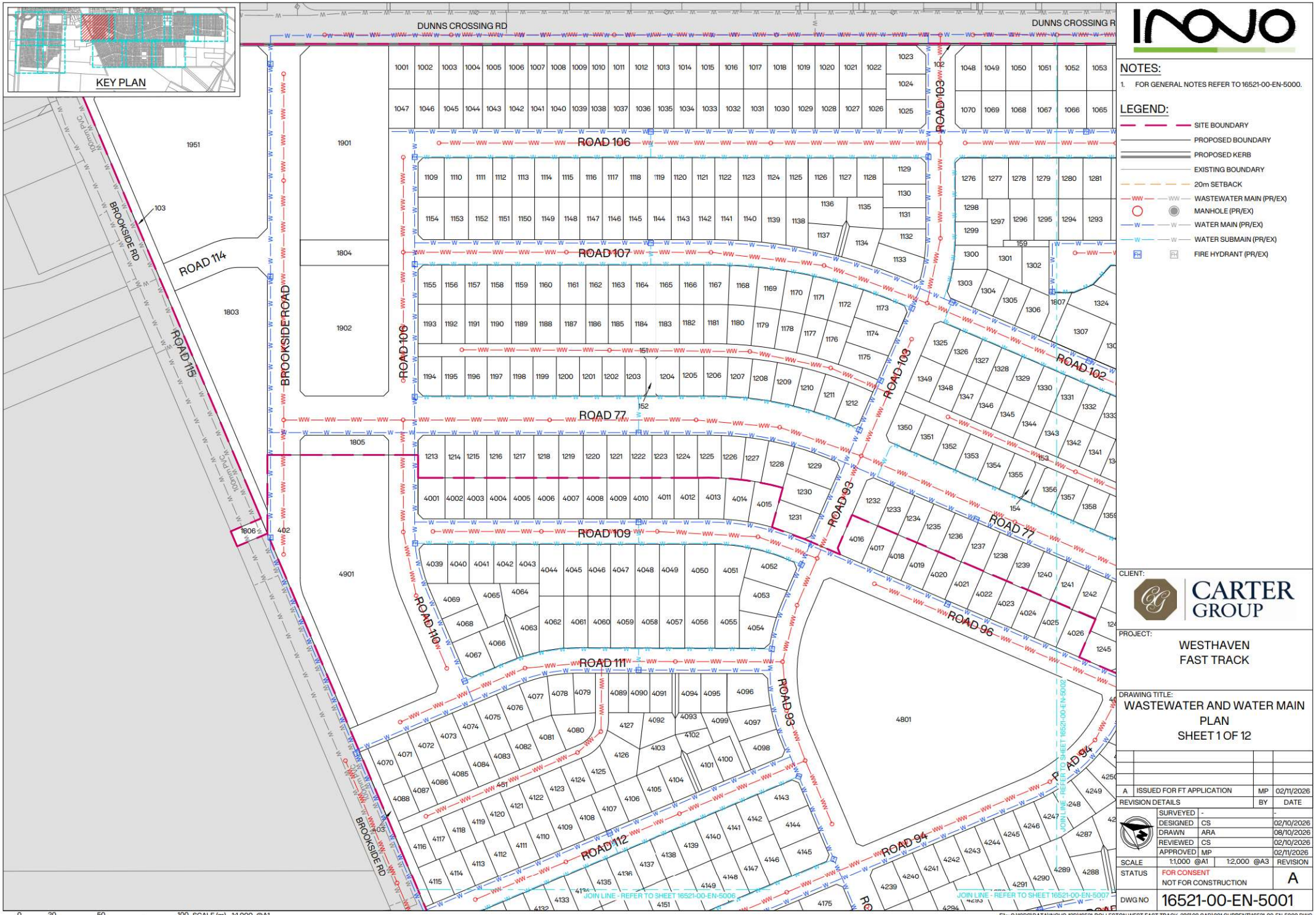


NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-5000.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- WASTEWATER MAIN (PR/EX)
- MANHOLE (PR/EX)
- WATER MAIN (PR/EX)
- WATER SUBMAIN (PR/EX)
- FIRE HYDRANT (PR/EX)

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: WASTEWATER AND WATER MAIN PLAN SHEET 1 OF 12

REVISION DETAILS	BY	DATE
A ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	CS	02/10/2026
DRAWN	ARA	08/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:1,000 @A1 1:2,000 @A3 REVISION

STATUS FOR CONSENT / NOT FOR CONSTRUCTION — A

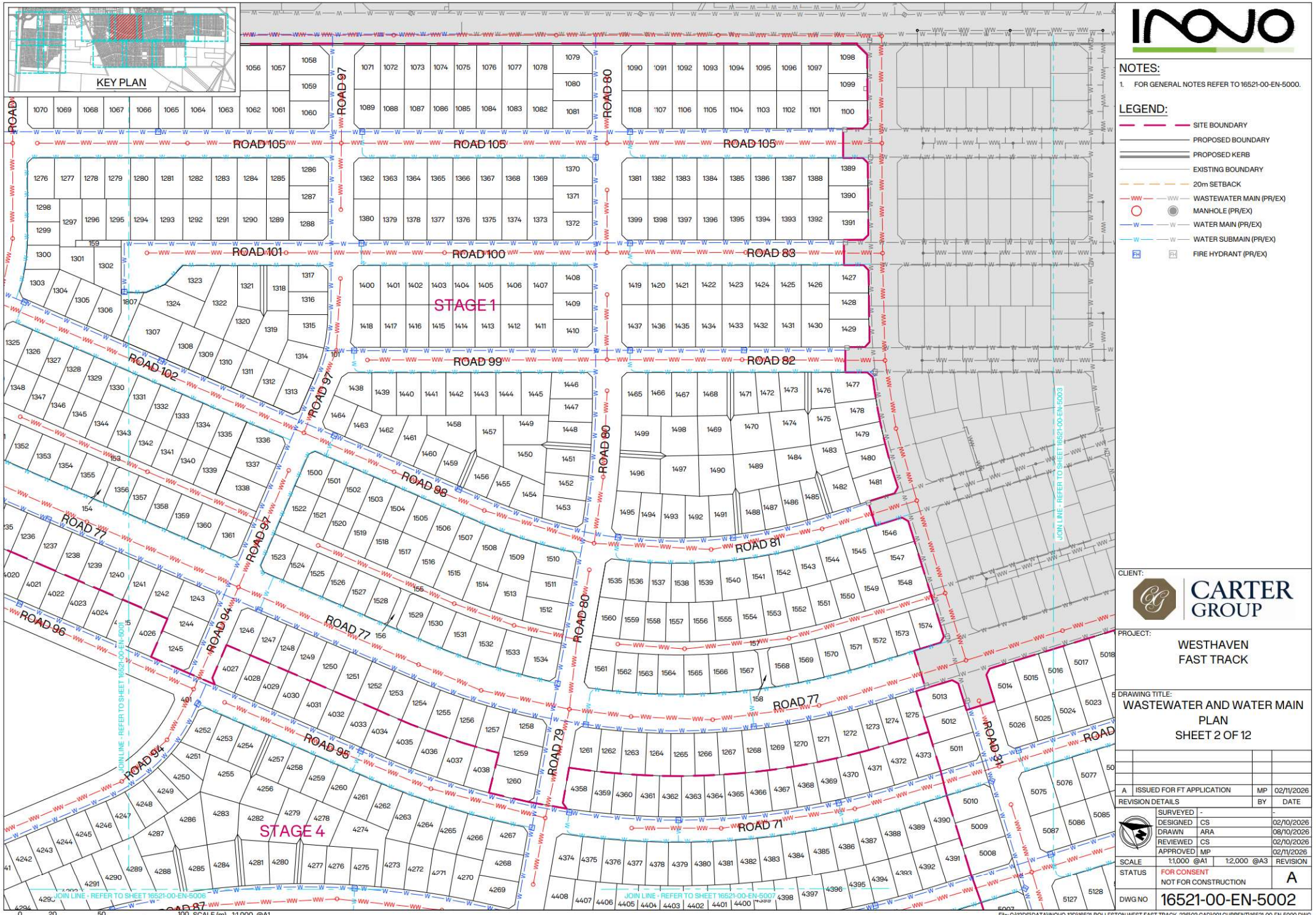
DWG NO 16521-00-EN-5001

0 20 50 100 SCALE (m) 1:1,000 @A1 1:2,000 @A3

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-5000.DWG

Synergy Version:

Plot Date: 12:40:37 pm 2 November 2026, KIM CHEN



INOVO

NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-5000.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- WASTEWATER MAIN (PR/EX)
- MANHOLE (PR/EX)
- WATER MAIN (PR/EX)
- WATER SUBMAIN (PR/EX)
- FIRE HYDRANT (PR/EX)

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: WASTEWATER AND WATER MAIN PLAN SHEET 2 OF 12

REVISION DETAILS		BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	CS	02/10/2026
DRAWN	ARA	08/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:1,000 @A1 1:2,000 @A3 REVISION

STATUS FOR CONSENT / NOT FOR CONSTRUCTION — A

DWG NO 16521-00-EN-5002

0 20 50 100 SCALE (m) 1:1,000 @A1 1:2,000 @A3

Synergy Version:

Plot Date: 12:42:44 pm,2 November 2026, KIM CHEN

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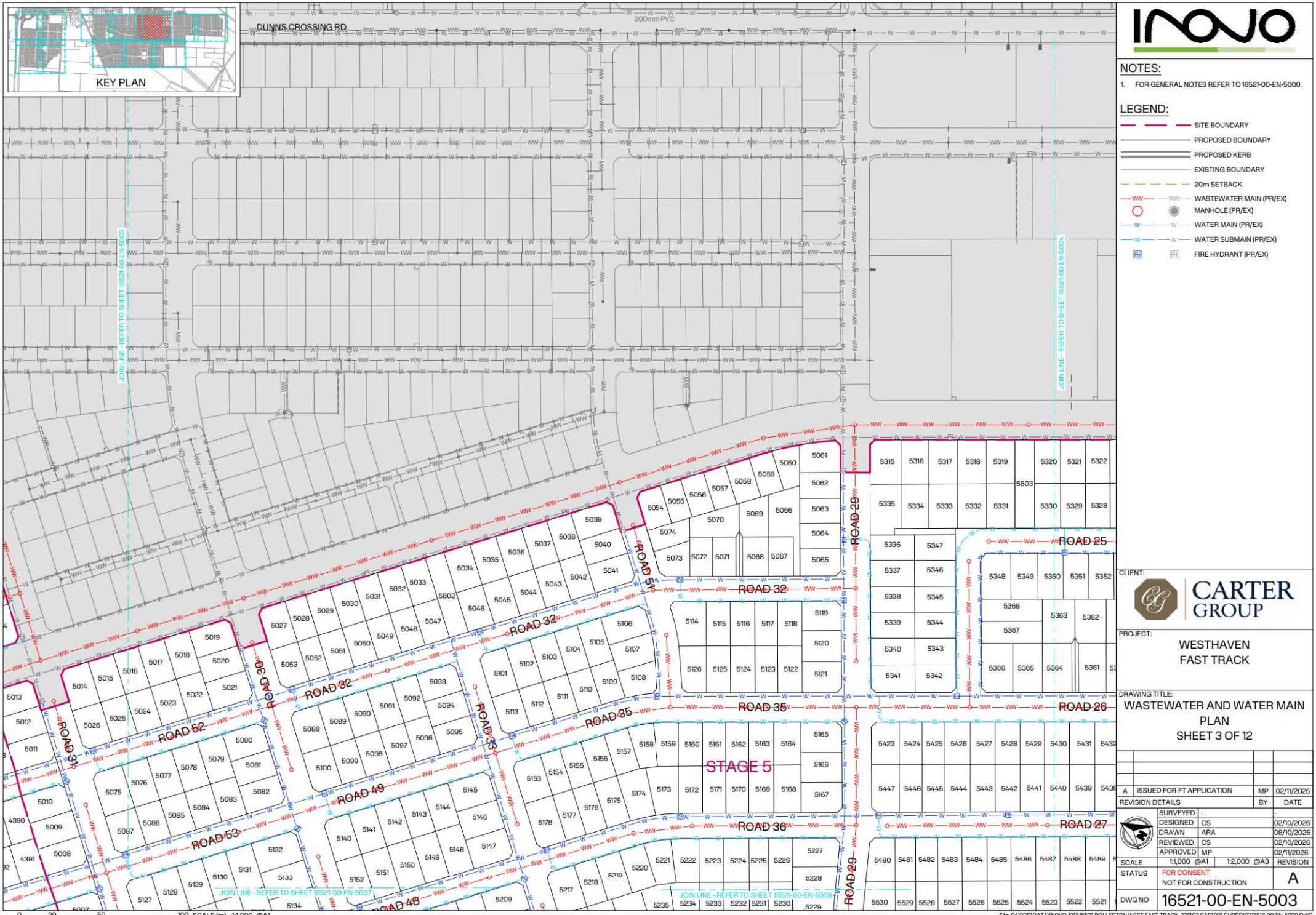

NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-5000.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- WASTEWATER MAIN (PR/EX)
- MANHOLE (PR/EX)
- WATER MAIN (PR/EX)
- WATER SUBMAIN (PR/EX)
- FIRE HYDRANT (PR/EX)

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: WASTEWATER AND WATER MAIN PLAN SHEET 3 OF 12

REVISION DETAILS	BY	DATE
A ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	CS	02/10/2026
DRAWN	ARA	08/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:1,000 @A1 1:2,000 @A3 REVISION

STATUS FOR CONSENT / NOT FOR CONSTRUCTION — A

DWG NO 16521-00-EN-5003

Synergy Version:

Plot Date: 12:40:49 pm, 2 November 2026, KIM CHEN

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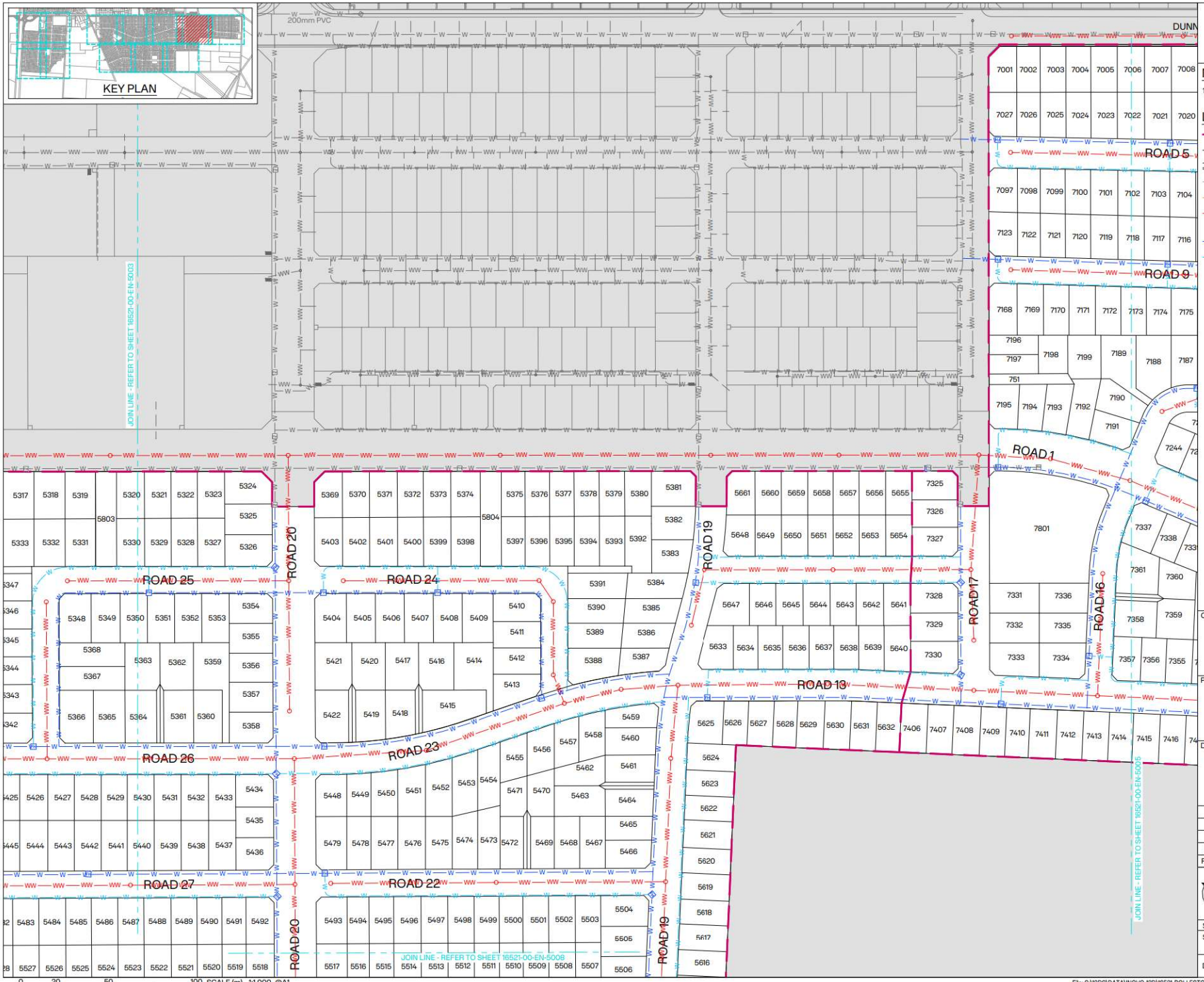


NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-5000.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- WASTEWATER MAIN (PR/EX)
- MANHOLE (PR/EX)
- WATER MAIN (PR/EX)
- WATER SUBMAIN (PR/EX)
- FIRE HYDRANT (PR/EX)

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: WASTEWATER AND WATER MAIN PLAN SHEET 4 OF 12

REVISION DETAILS	BY	DATE
A ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	CS	02/10/2026
DRAWN	ARA	08/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:1,000 @A1 1:2,000 @A3 REVISION

STATUS FOR CONSENT / NOT FOR CONSTRUCTION — A

DWG NO 16521-00-EN-5004

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-5000.DWG

Synergy Version:

Plot Date: 12:40:55 pm 2 November 2026, KIM CHEN



INOVO

NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-5000.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- WASTEWATER MAIN (PR/EX)
- MANHOLE (PR/EX)
- WATER MAIN (PR/EX)
- WATER SUBMAIN (PR/EX)
- FIRE HYDRANT (PR/EX)

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: WASTEWATER AND WATER MAIN PLAN SHEET 5 OF 12

A	ISSUED FOR FT APPLICATION	MP	02/11/2026
REVISION DETAILS		BY	DATE

SURVEYED	-	-
DESIGNED	CS	02/10/2026
DRAWN	ARA	08/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:1,000 @A1 1:2,000 @A3 REVISION

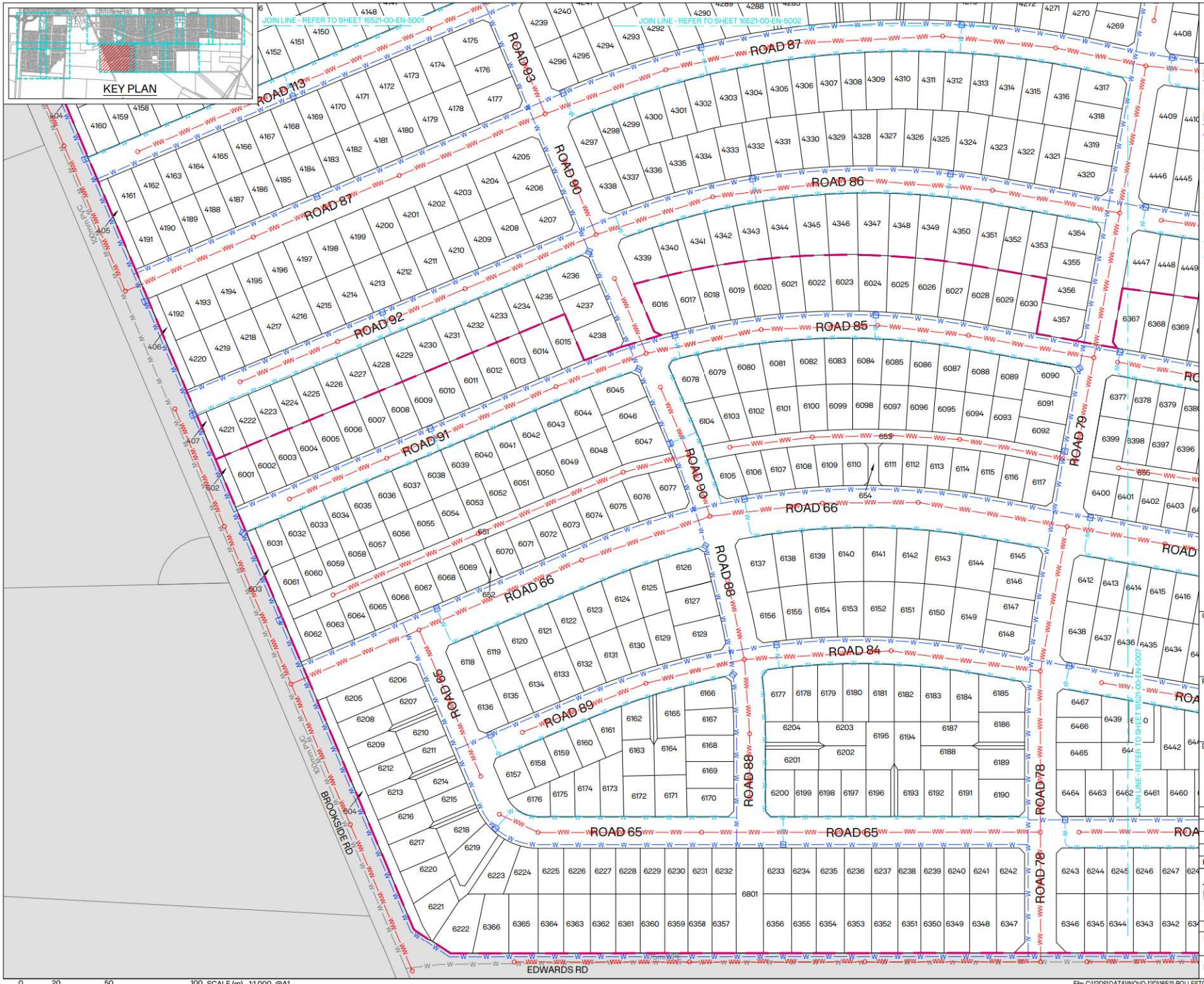
STATUS FOR CONSENT / NOT FOR CONSTRUCTION — A

DWG NO 16521-00-EN-5005

Synergy Version:

Plot Date: 12:41:03 pm,2 November 2026, KIM CHEN

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-5000.DWG



INOVO

NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-5000.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- WASTEWATER MAIN (PR/EX)
- MANHOLE (PR/EX)
- WATER MAIN (PR/EX)
- WATER SUBMAIN (PR/EX)
- FIRE HYDRANT (PR/EX)

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: WASTEWATER AND WATER MAIN PLAN SHEET 6 OF 12

REVISION	DETAILS	BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	CS	02/10/2026
DRAWN	ARA	08/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE: 1:1,000 @A1 1:2,000 @A3 REVISION

STATUS: FOR CONSENT / NOT FOR CONSTRUCTION — A

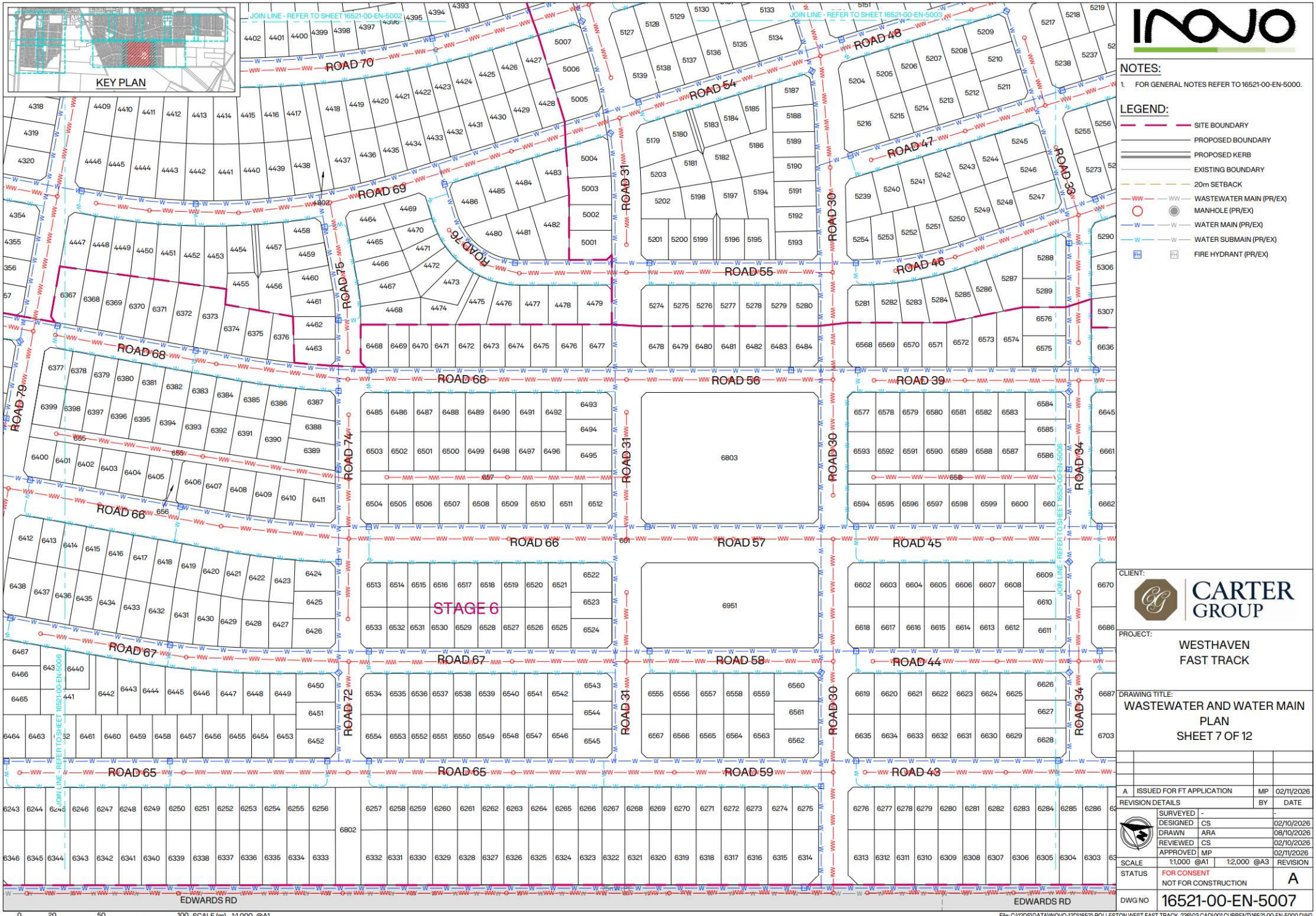
DWG NO: 16521-00-EN-5006

0 20 50 100 SCALE (m) 1:1,000 @A1 1:2,000 @A3

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-5000.DWG

Synergy Version:

Plot Date: 12:41:08 pm,2 November 2026, KIM CHEN



INOVO

NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-5000.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- WASTEWATER MAIN (PR/EX)
- MANHOLE (PR/EX)
- WATER MAIN (PR/EX)
- WATER SUBMAIN (PR/EX)
- FIRE HYDRANT (PR/EX)

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: WASTEWATER AND WATER MAIN PLAN SHEET 7 OF 12

REVISION	DETAILS	BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	CS	02/10/2026
DRAWN	ARA	08/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:1,000 @A1 1:2,000 @A3 REVISION

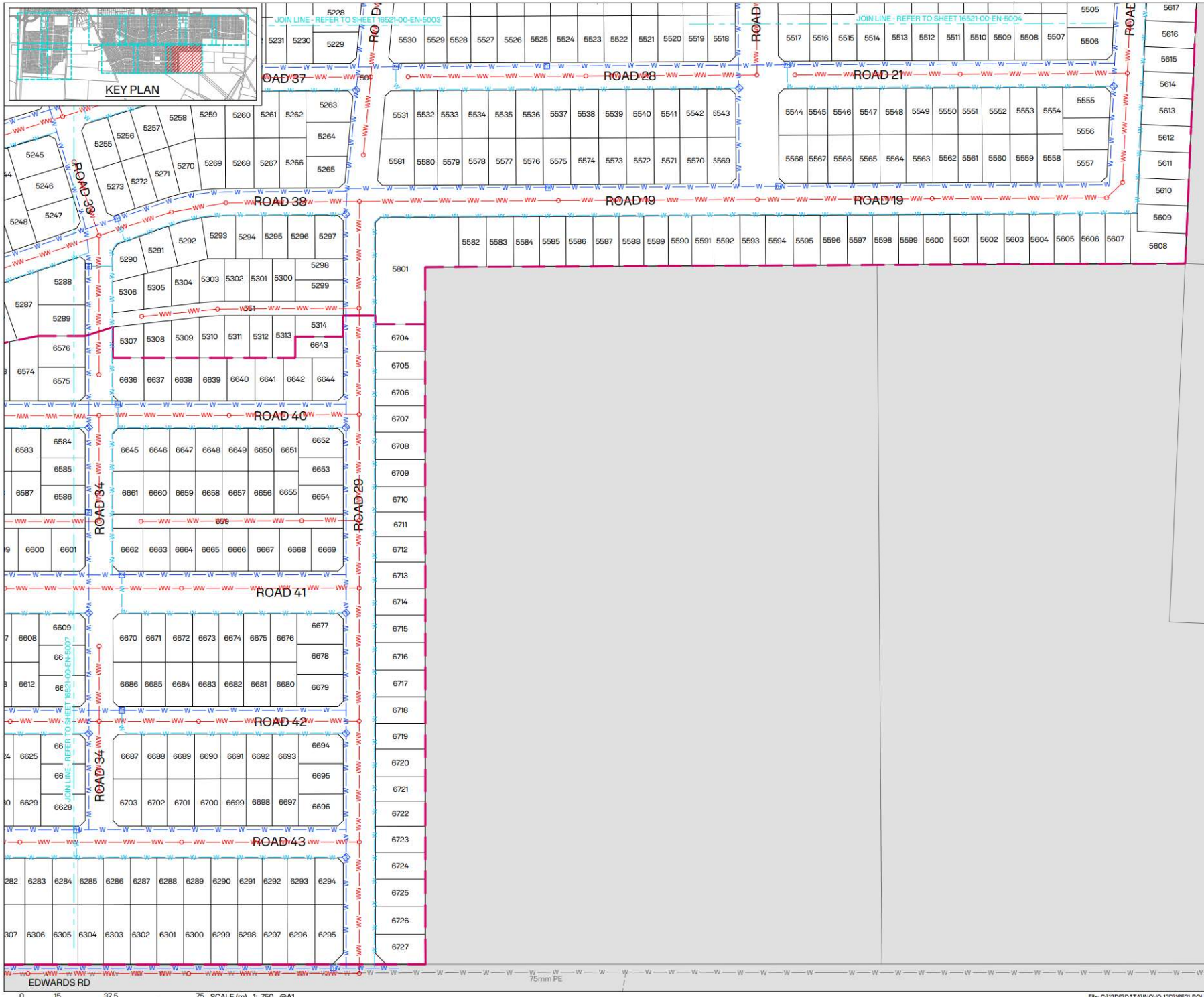
STATUS FOR CONSENT / NOT FOR CONSTRUCTION — A

DWG NO 16521-00-EN-5007

Synergy Version:

Plot Date: 12:41:13 pm,2 November 2026, KIM CHEN

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-5000.DWG



INOVO

NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-5000.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- WASTEWATER MAIN (PR/EX)
- MANHOLE (PR/EX)
- WATER MAIN (PR/EX)
- WATER SUBMAIN (PR/EX)
- FIRE HYDRANT (PR/EX)

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: WASTEWATER AND WATER MAIN PLAN SHEET 8 OF 12

REVISION	DETAILS	BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	CS	02/10/2026
DRAWN	ARA	08/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:750 @A1 1:1,500 @A3 REVISION

STATUS FOR CONSENT / NOT FOR CONSTRUCTION A

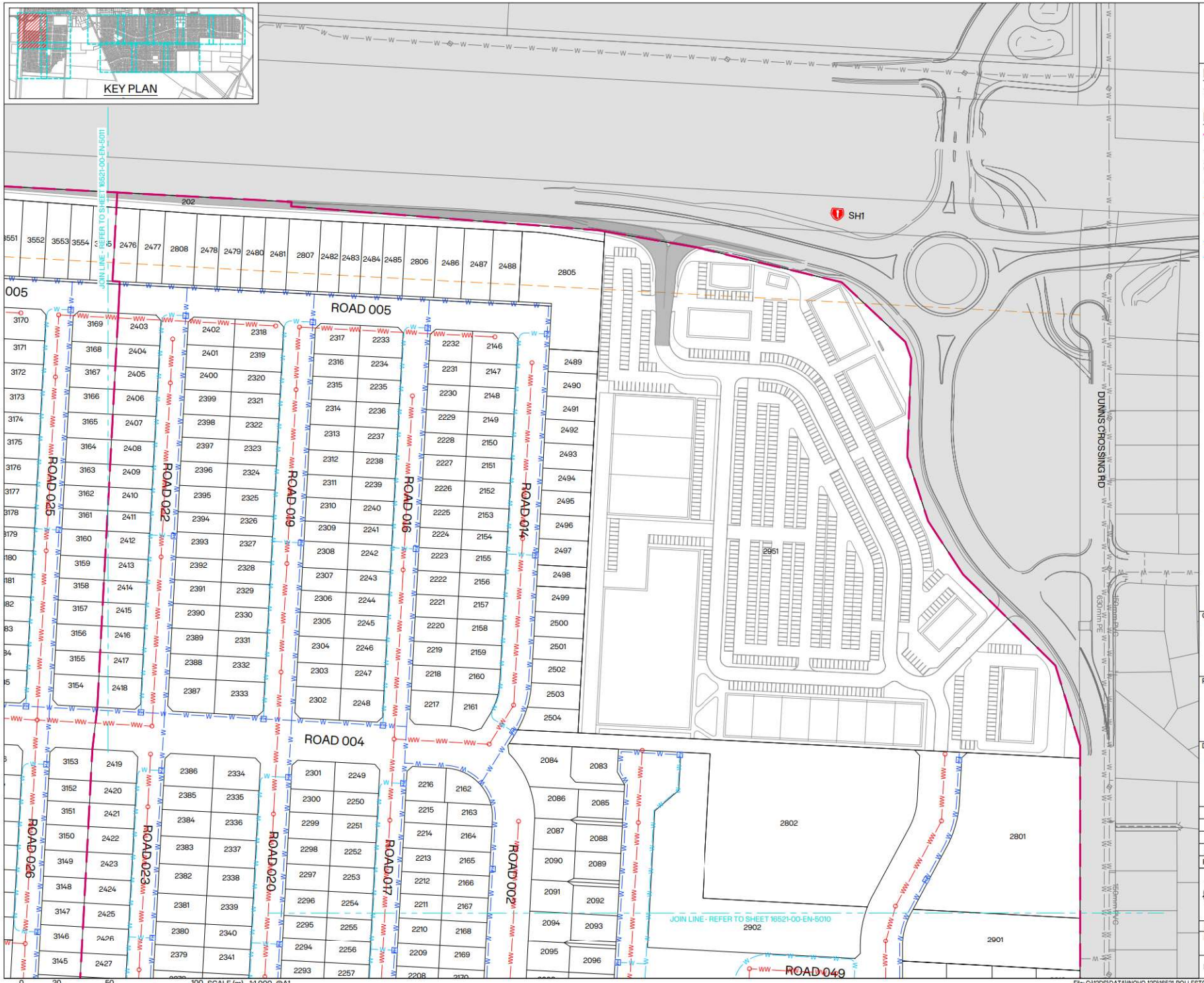
DWG NO 16521-00-EN-5008

0 15 37.5 75 SCALE (m) 1: 750 @A1 1:1,500 @A3

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-5000.DWG

Synergy Version:

Plot Date: 12:41:18 pm 2 November 2026, KIM CHEN



NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-5000.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- WASTEWATER MAIN (PR/EX)
- MANHOLE (PR/EX)
- WATER MAIN (PR/EX)
- WATER SUBMAIN (PR/EX)
- FIRE HYDRANT (PR/EX)

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: WASTEWATER AND WATER MAIN PLAN SHEET 9 OF 12

REVISION	DETAILS	BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	CS	02/10/2026
DRAWN	ARA	08/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:1,000 @A1 1:2,000 @A3 REVISION

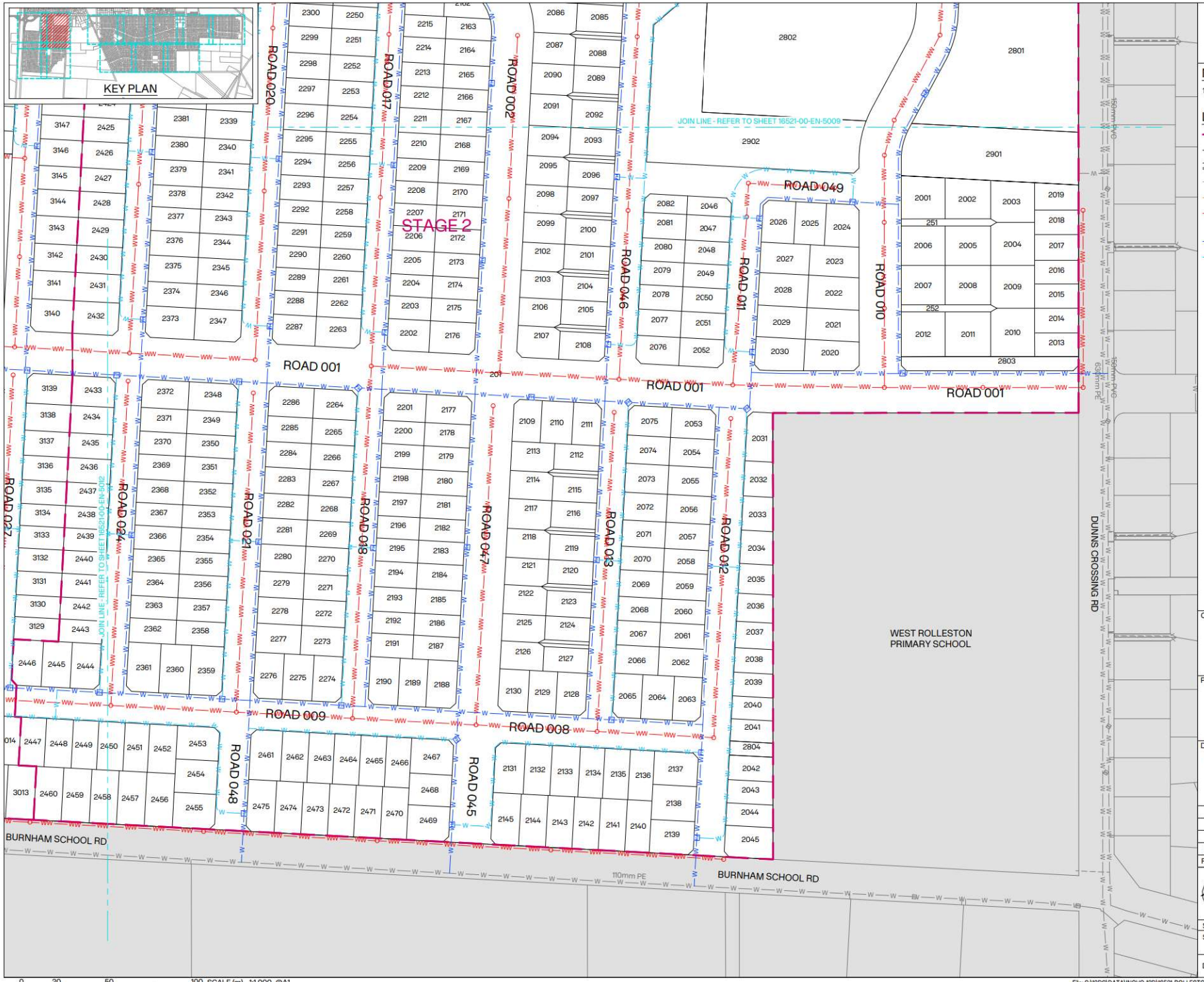
STATUS FOR CONSENT / NOT FOR CONSTRUCTION — A

DWG NO 16521-00-EN-5009

Synergy Version:

Plot Date: 12:41:24 pm 2 November 2026, KIM CHEN

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-5000.DWG



NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-5000.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- WASTEWATER MAIN (PR/EX)
- MANHOLE (PR/EX)
- WATER MAIN (PR/EX)
- WATER SUBMAIN (PR/EX)
- FIRE HYDRANT (PR/EX)

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: WASTEWATER AND WATER MAIN PLAN SHEET 10 OF 12

REVISION DETAILS	BY	DATE
A ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	CS	02/10/2026
DRAWN	ARA	08/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:1,000 @A1 1:2,000 @A3 REVISION

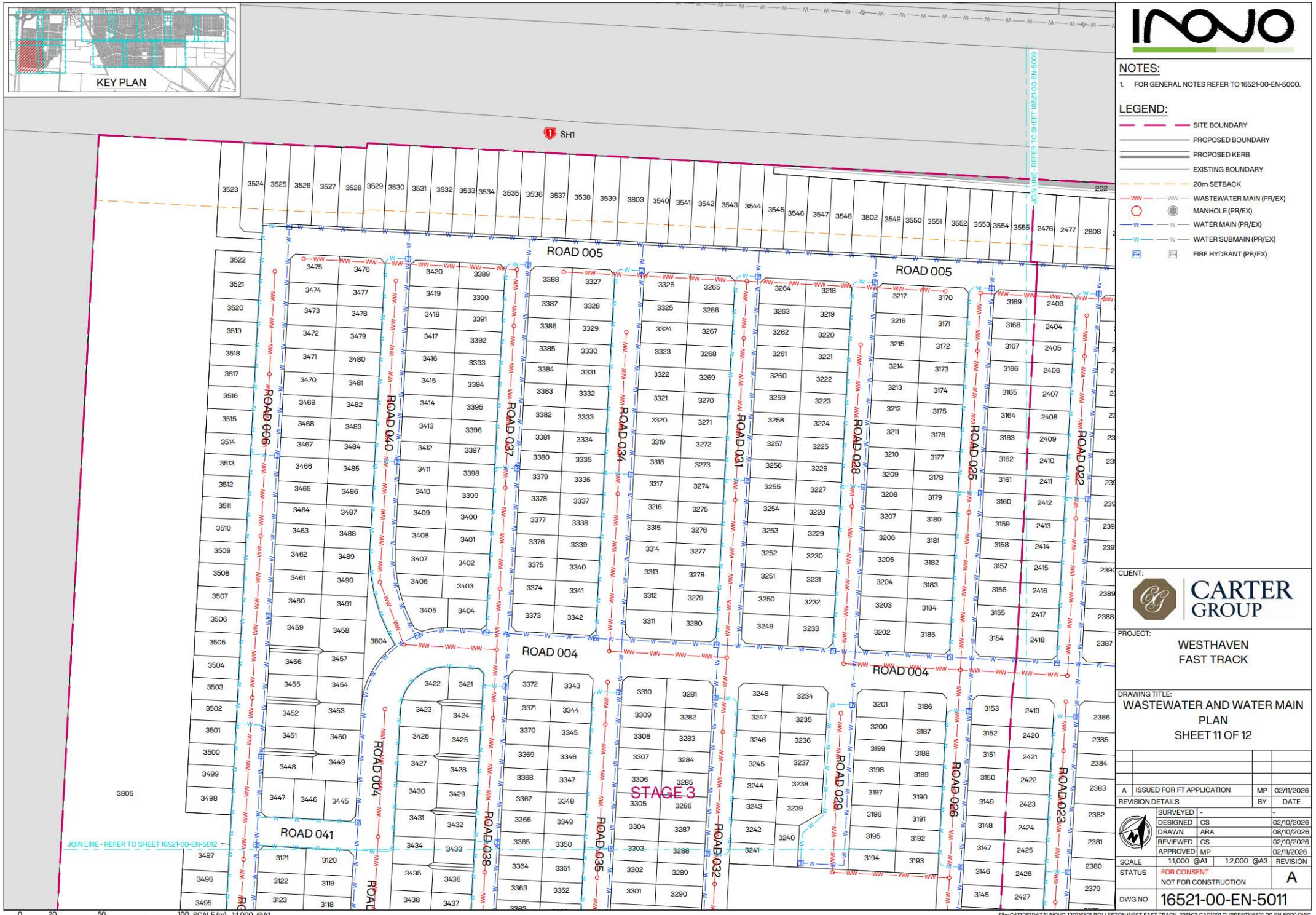
STATUS FOR CONSENT NOT FOR CONSTRUCTION A

DWG NO 16521-00-EN-5010

Synergy Version:

Plot Date: 12:41:29 pm 2 November 2026, KIM CHEN

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-5000.DWG



INOVO

NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-5000.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- WASTEWATER MAIN (PR/EX)
- MANHOLE (PR/EX)
- WATER MAIN (PR/EX)
- WATER SUBMAIN (PR/EX)
- FIRE HYDRANT (PR/EX)

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: WASTEWATER AND WATER MAIN PLAN SHEET 11 OF 12

REVISION DETAILS	BY	DATE
A ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-	-
DESIGNED	CS	02/10/2026
DRAWN	ARA	08/10/2026
REVIEWED	CS	02/10/2026
APPROVED	MP	02/11/2026

SCALE 1:1,000 @A1 1:2,000 @A3 REVISION

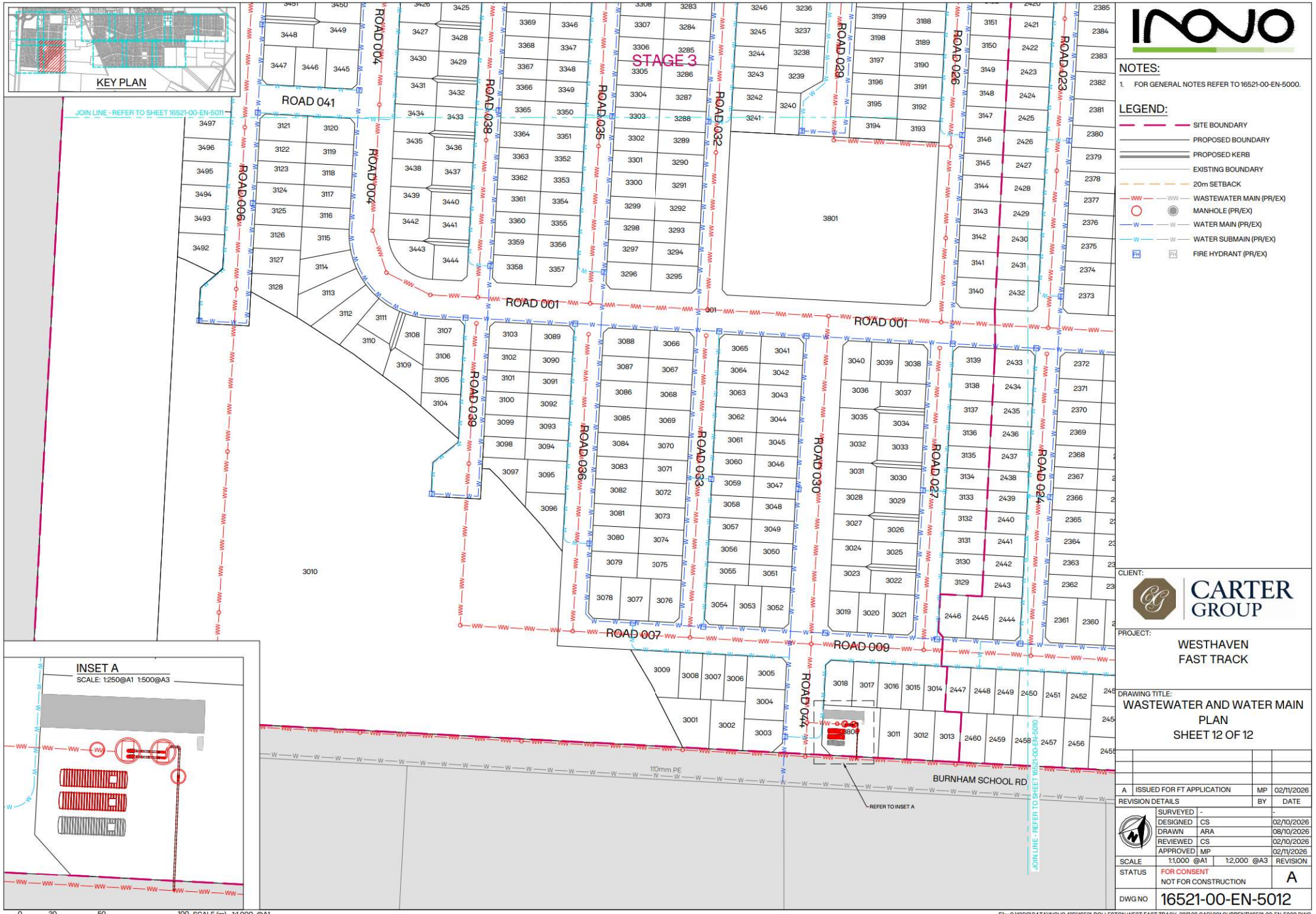
STATUS FOR CONSENT / NOT FOR CONSTRUCTION — A

DWG NO 16521-00-EN-5011

Synergy Version:

Plot Date: 12:41:34 pm,2 November 2026, KIM CHEN

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-5000.DWG



INOVO

NOTES:

1. FOR GENERAL NOTES REFER TO 16521-00-EN-5000.

LEGEND:

- SITE BOUNDARY
- PROPOSED BOUNDARY
- PROPOSED KERB
- EXISTING BOUNDARY
- 20m SETBACK
- WASTEWATER MAIN (PR/EX)
- MANHOLE (PR/EX)
- WATER MAIN (PR/EX)
- WATER SUBMAIN (PR/EX)
- FIRE HYDRANT (PR/EX)

CLIENT: CARTER GROUP

PROJECT: WESTHAVEN FAST TRACK

DRAWING TITLE: WASTEWATER AND WATER MAIN PLAN SHEET 12 OF 12

REVISION	DETAILS	BY	DATE
A	ISSUED FOR FT APPLICATION	MP	02/11/2026

SURVEYED	-		-
DESIGNED	CS		02/10/2026
DRAWN	ARA		08/10/2026
REVIEWED	CS		02/10/2026
APPROVED	MP		02/11/2026
SCALE	1:1,000 @A1	1:2,000 @A3	REVISION
STATUS	FOR CONSENT NOT FOR CONSTRUCTION		A
DWG NO	16521-00-EN-5012		

Synergy Version:

Plot Date: 12:41:42 pm 2 November 2026, KIM CHEN

File: C:\12DS\DATA\INOVO-12D\16521-ROLLESTON WEST FAST TRACK_236\03 CAD\001 CURRENT\16521-00-EN-5000.DWG