

DATE PLOTTED: 6 May 2025 11:36 AM BY: RALEVSKI, NICHOLAS



STANTEC AUSTRALIA Pty Ltd | ABN 95 001 145 035
Ground Floor, 16 Burelli Street
Wollongong NSW 2500
TEL: 02 4228 6811 Fax: 02 4228 6811
WEB: www.stantec.com



GRIFFITH CITY COUNCIL

HANWOOD GROWTH AREA
CONCEPT MASTER PLAN

COVER SHEET

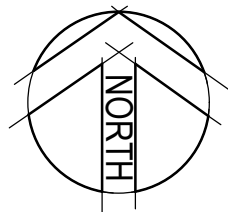
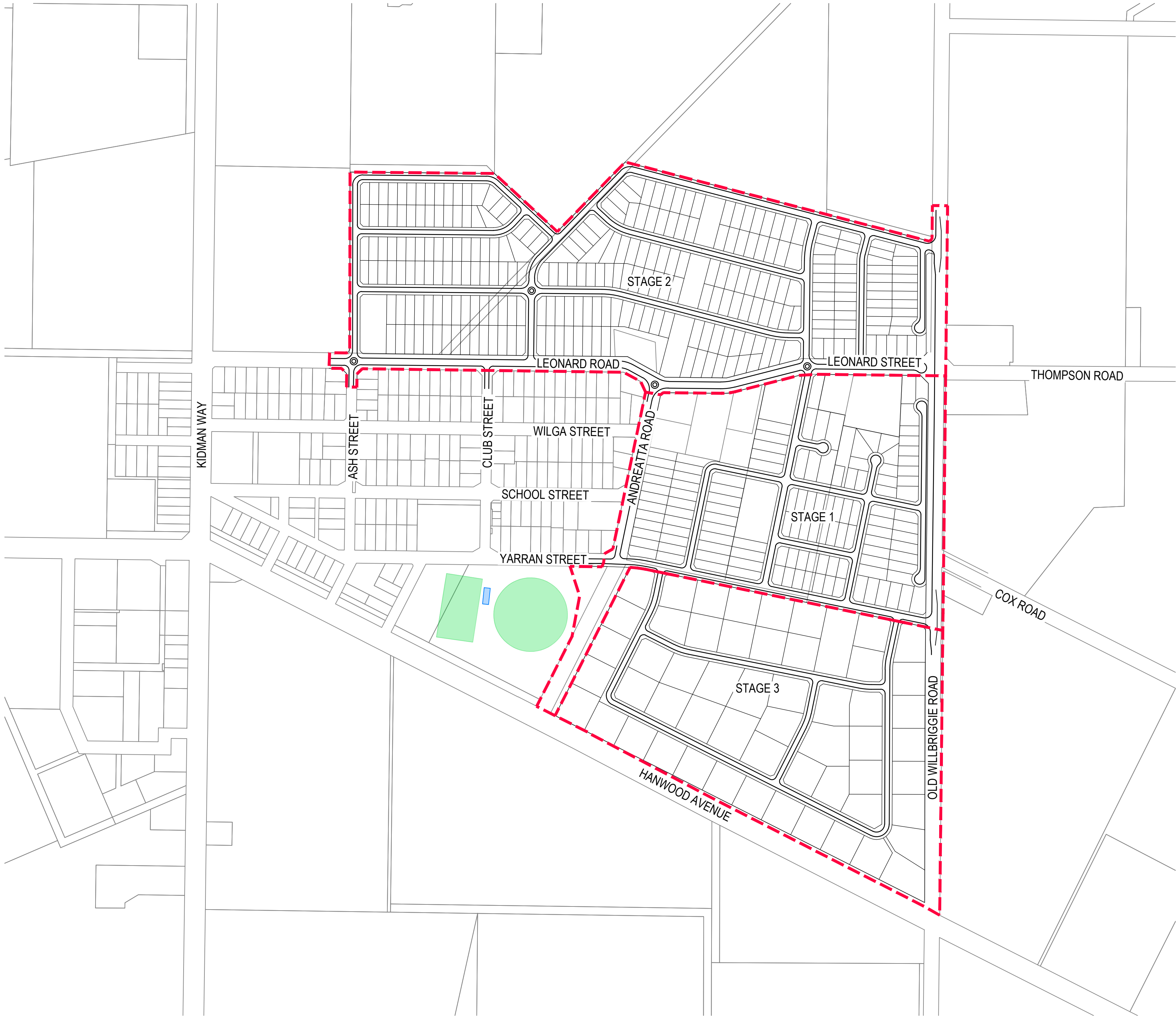
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6	6/05/2025	ADDITION OF NORMALISED LOTS AND RE-ISSUED	LAB	CSH	MV
5	19/03/2025	ADDITION OF OPEN SPACE AREAS AND RE-ISSUED	LAB	CSH	MV
4	30/07/2024	ADDRESSED COUNCIL COMMENTS 23/7/2024 AND REISSUED	LAB	CSH	MV
3	25/03/2024	ADDRESSED COUNCIL COMMENTS 25/1/2024 AND REISSUED	LAB	CSH	MV
2	22/09/2023	ISSUED FOR INFORMATION	DAC	CSH	MV
1	30/06/2023	ISSUED FOR INFORMATION	DAC	CSH	MV
Rev.	Date	Description	Des.	Verif.	Appd.

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Drawn	EJK	Date	26/06/2023
Checked	MPR	Date	20/03/2024
Designed	LAB	Date	9/02/2024
Verified	CSH	Date	25/03/2024
Approved	MV	Date	25/03/2024

Status				FOR INFORMATION ONLY			
NOT TO BE USED FOR CONSTRUCTION PURPOSES							
DATUM	AHD	GDA	2020	Scale	N.T.S	Size	A1
Drawing Number						Revision	
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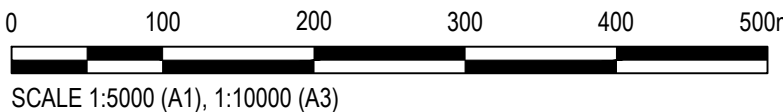


LOCALITY PLAN
SCALE 1:5000

SCHEDULE OF DRAWINGS	
DRAWING No.	DESCRIPTION
304800722 C1000	COVER SHEET
304800722 C1001	LOCALITY PLAN AND DRAWING SCHEDULE
304800722 C1005	SEWER AND WATER CONCEPT LAYOUT SHEET 1 OF 2
304800722 C1006	SEWER AND WATER CONCEPT LAYOUT SHEET 2 OF 2
304800722 C1007	LOT LAYOUT
304800722 C1008	OPEN SPACE LAYOUT PLAN
304800722 C1010	GENERAL ARRANGEMENT KEY PLAN
304800722 C1011	GENERAL ARRANGEMENT LAYOUT PLAN SHEET 1 OF 6
304800722 C1012	GENERAL ARRANGEMENT LAYOUT PLAN SHEET 2 OF 6
304800722 C1013	GENERAL ARRANGEMENT LAYOUT PLAN SHEET 3 OF 6
304800722 C1014	GENERAL ARRANGEMENT LAYOUT PLAN SHEET 4 OF 6
304800722 C1015	GENERAL ARRANGEMENT LAYOUT PLAN SHEET 5 OF 6
304800722 C1016	GENERAL ARRANGEMENT LAYOUT PLAN SHEET 6 OF 6
304800722 C1020	CONCEPT STORMWATER LAYOUT AND DETAILS
304800722 C1030	ROAD HEIRARCHY PLAN
304800722 C1031	TYPICAL ROAD SECTIONS
304800722 C1040	PROPOSED BAR/BAL INTERSECTION LAYOUTS SHEET 01 OF 04
304800722 C1041	PROPOSED BAR/BAL INTERSECTION LAYOUTS SHEET 02 OF 04
304800722 C1042	PROPOSED BAR/BAL INTERSECTION LAYOUTS SHEET 03 OF 04
304800722 C1043	PROPOSED BAR/BAL INTERSECTION LAYOUTS SHEET 04 OF 04

LEGEND

- PROPOSED STAGING BOUNDARY
- PROPOSED OSD LOT BOUNDARY



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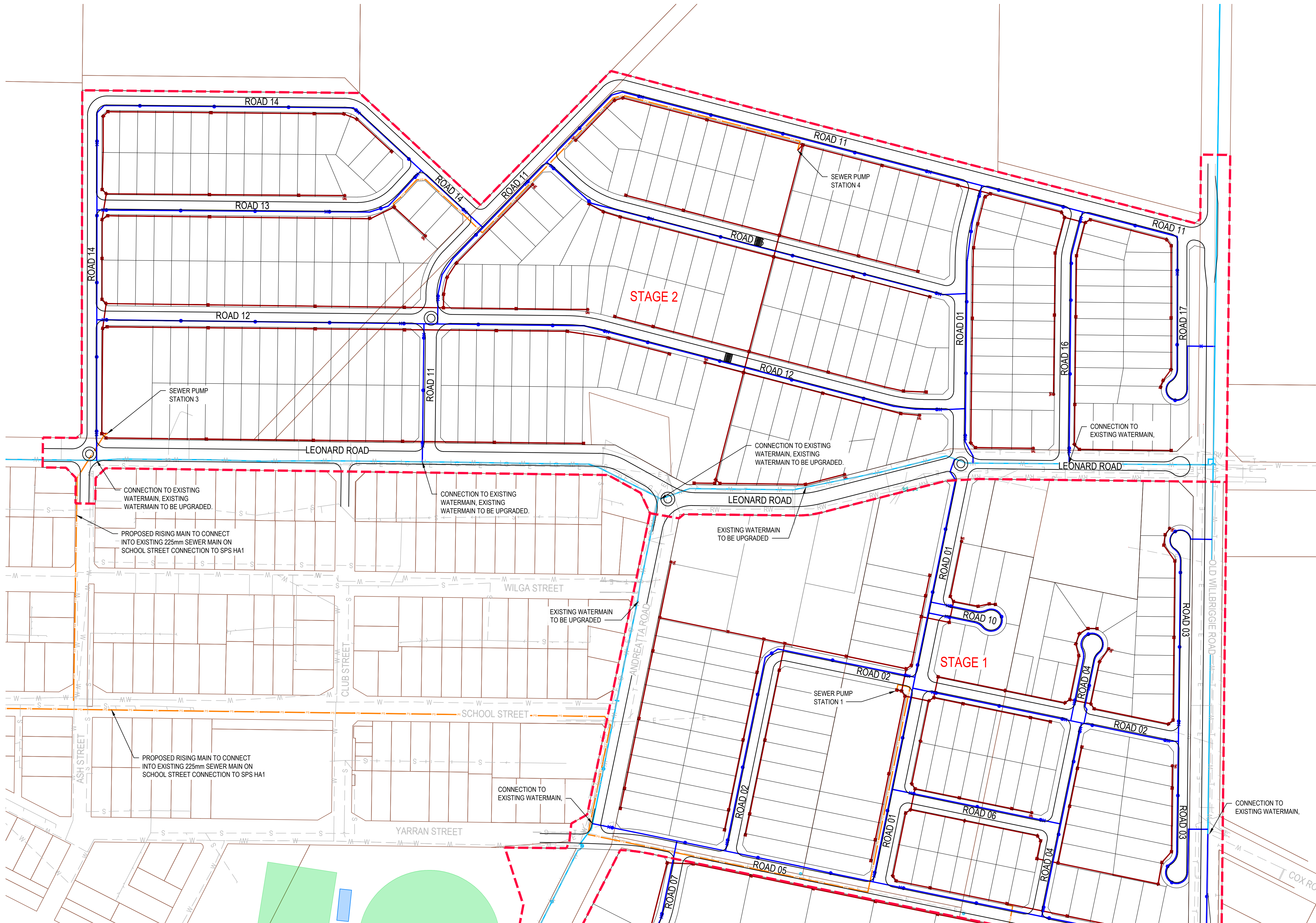
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Drawn	Date	Client
EJK	26/06/2023	GRIFFITH CITY COUNCIL
Checked	Date	Project
MPR	20/03/2024	HANWOOD GROWTH AREA
Designed	Date	CONCEPT MASTER PLAN
LAB	9/02/2024	
Verified	Date	Title
CSH	25/03/2024	LOCALITY PLAN AND DRAWING SCHEDULE
Approved	Date	
MV	25/03/2024	

DATUM	GDA	Scale	Size
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Drawing Number	Revision		
304800722 C1001	6		

Status **FOR INFORMATION ONLY**
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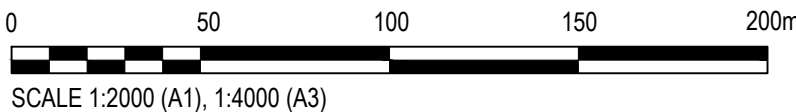
SEWER AND WATER CONCEPT LAYOUT
SCALE 1:2000

NOTE

1. LOCATION OF POTABLE WATER LINES ARE INDICATIVE AND TO BE CONFIRMED AT DETAIL DESIGN.
2. LOCATION OF EXISTING SERVICES ARE INDICATIVE AND NEED TO BE CONFIRMED BY CONTRACTOR ON-SITE.

LEGEND

- PROPOSED STAGING BOUNDARY
- PROPOSED BOUNDARY
- EXISTING BOUNDARY
- PROPOSED OSD BASIN BOUNDARY
- PROPOSED POTABLE WATER MAIN
- EXISTING POTABLE WATER MAIN TO BE UPGRADED
- PROPOSED WASTE WATER MAIN
- INDICATIVE RISING MAIN
- S --- EXISTING SEWER MAIN
- T --- EXISTING COMMUNICATIONS CONDUIT
- E --- EXISTING ELECTRICAL CONDUIT
- W --- EXISTING POTABLE WATER MAIN
- RW --- EXISTING RECYCLED WATER MAIN



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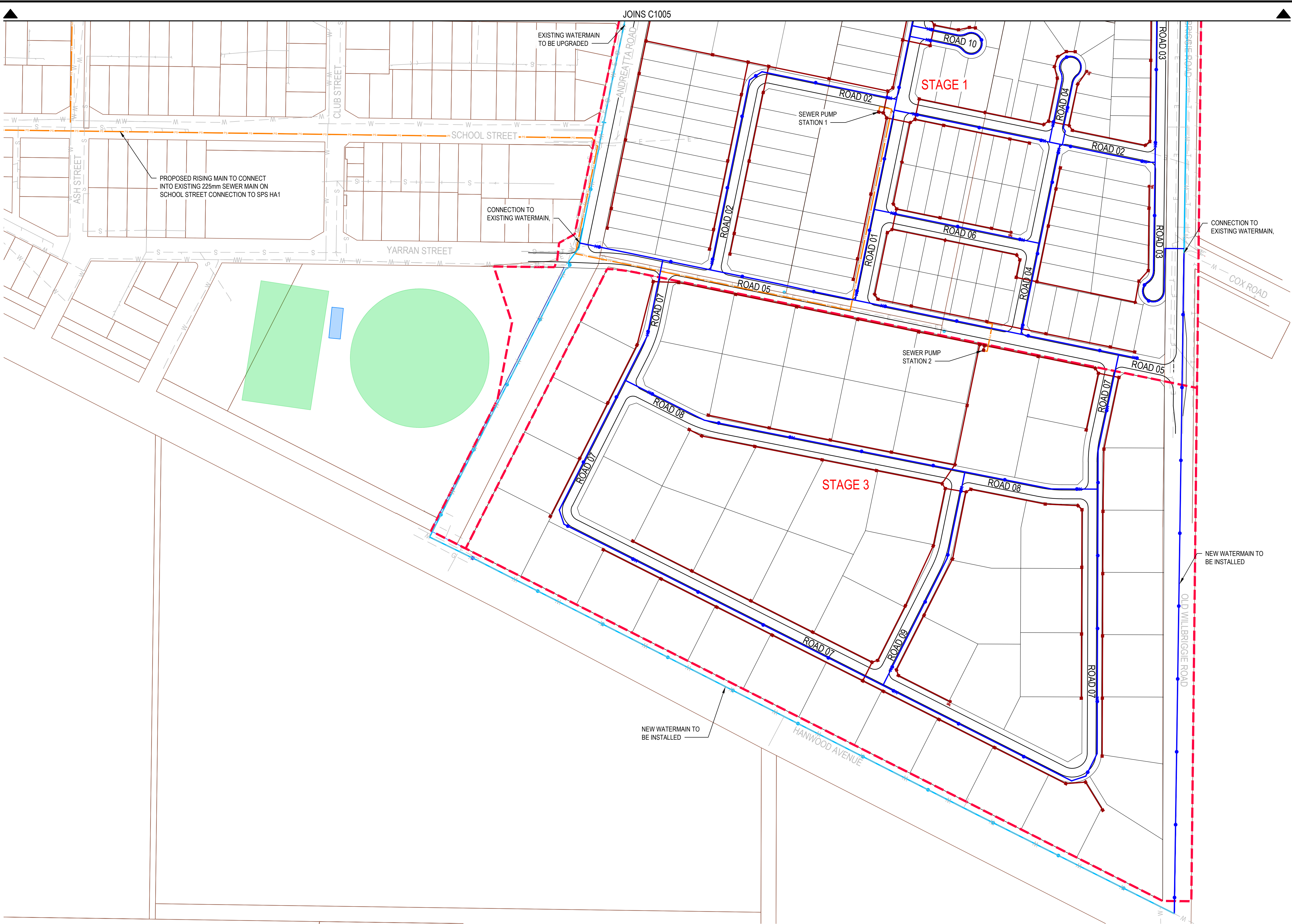
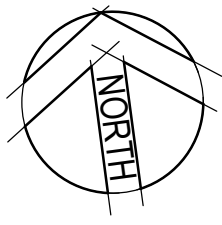


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Ground Floor, 16 Burrelli Street
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Client	GRIFFITH CITY COUNCIL
Project	HANWOOD GROWTH AREA CONCEPT MASTER PLAN
Title	SEWER AND WATER CONCEPT LAYOUT SHEET 1 OF 2

Status	FOR INFORMATION ONLY NOT TO BE USED FOR CONSTRUCTION PURPOSES			
DATUM	AHD	GDA	2020	Scale
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Size	A1			
Drawing Number	304800722 C1005			Revision
				6

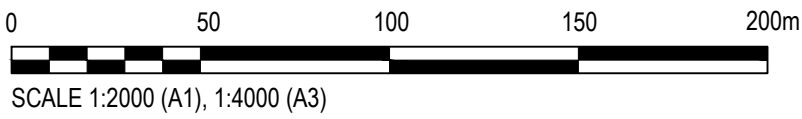


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LEGEND

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- PROPOSED BOUNDARY
- EXISTING BOUNDARY
- PROPOSED OSD BASIN BOUNDARY
- PROPOSED POTABLE WATER MAIN
- EXISTING POTABLE WATER MAIN TO BE UPGRADED
- PROPOSED WASTE WATER MAIN
- INDICATIVE RISING MAIN
- S --- EXISTING SEWER MAIN
- T --- EXISTING COMMUNICATIONS CONDUIT
- E --- EXISTING ELECTRICAL CONDUIT
- W --- EXISTING POTABLE WATER MAIN
- RW --- EXISTING RECYCLED WATER MAIN



SEWER AND WATER CONCEPT LAYOUT
SCALE 1:2000

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1	30/06/2023	ISSUED FOR INFORMATION	DAC	CSH	MV



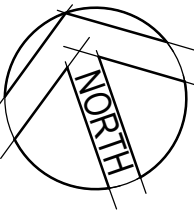
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Approved	MV	Date	25/03/2024

Client	GRIFFITH CITY COUNCIL
Project	HANWOOD GROWTH AREA CONCEPT MASTER PLAN
Title	SEWER AND WATER CONCEPT LAYOUT SHEET 2 OF 2

Status	FOR INFORMATION ONLY NOT TO BE USED FOR CONSTRUCTION PURPOSES			
DATUM	AHD	GDA	2020	Scale
				1:2000
				Size
				A1
Drawing Number	304800722 C1006			Revision
				6



LEGEND

	PROPOSED STAGING BOUNDARY
	PROPOSED BOUNDARY
	PROPOSED RAISED PEDESTRIAN ACCESS
	PROPOSED OPEN SPACE
	CONCEPT OSD BASINS
	MEDIUM DENSITY LOTS
	PROPOSED TREE BUFFER
	EXISTING BOUNDARY



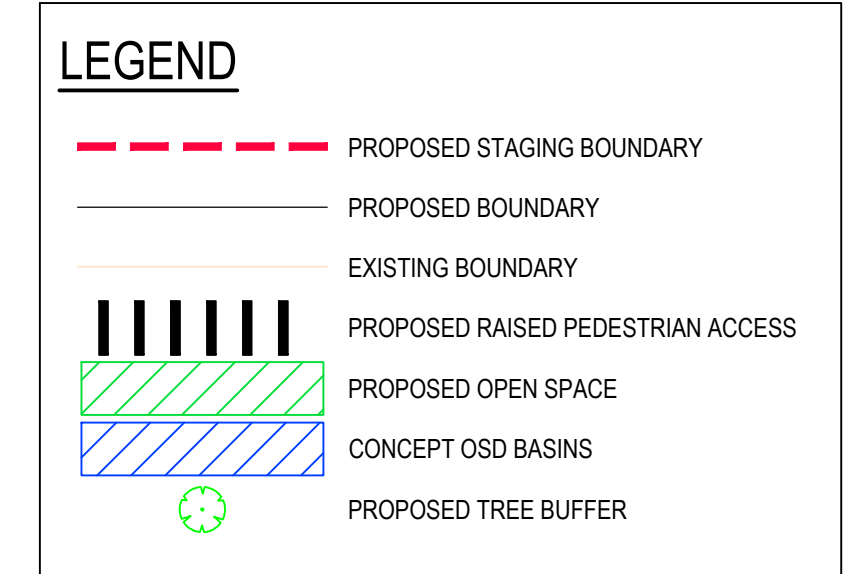
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Designed	Date
LAB	9/02/2024
Verified	Date
CSH	25/03/2024
Approved	Date
	Date
MV	25/03/2024

Client	<p> GRIFFITH CITY COUNCIL </p>
Project	<p> HANWOOD GROWTH AREA CONCEPT MASTER PLAN </p>
Title	<p> LOT LAYOUT </p>

Status				FOR INFORMATION ONLY			
NOT TO BE USED FOR CONSTRUCTION PURPOSES							
Datum		GDA		Scale		Size	
AHD		2020		1:3000		A1	
Drawing Number						Revision	
304800722 C1007						6	



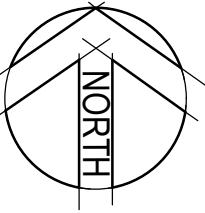
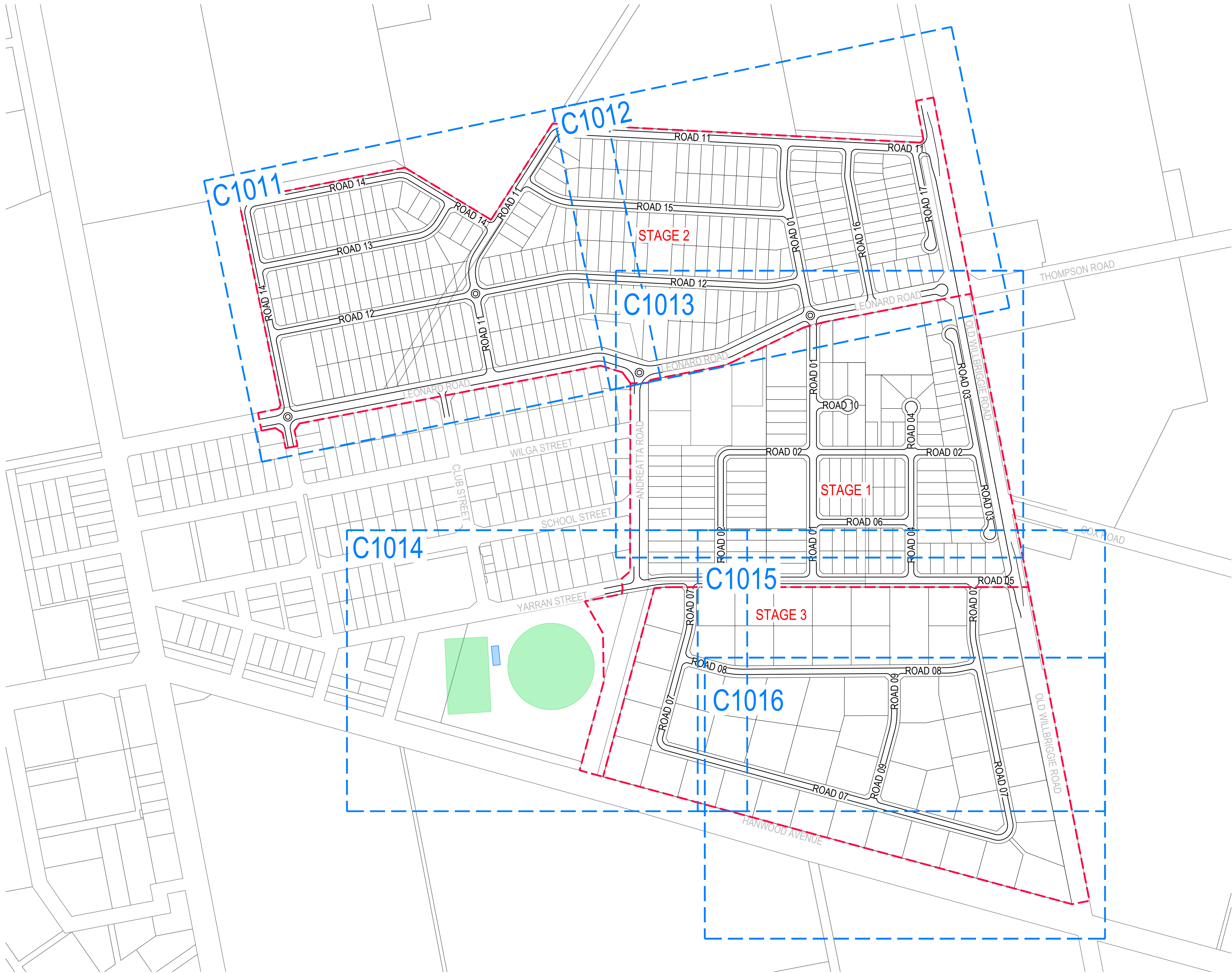
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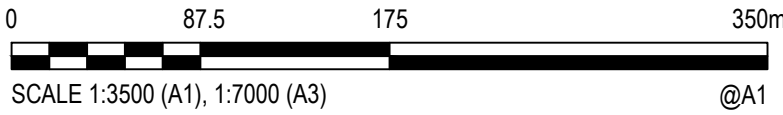
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 Tel: 02 4231 9600 Fax: 02 4228 6811
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Drawn EJK	Date 26/06/2023	Client GRIFFITH CITY COUNCIL				
Checked MPR	Date 20/03/2024	Project HANWOOD GROWTH AREA CONCEPT MASTER PLAN	Status FOR INFORMATION ONLY			
Designed LAB	Date 9/02/2024		NOT TO BE USED FOR CONSTRUCTION PURPOSES			
Verified CSH	Date 25/03/2024	Title OPEN SPACE LAYOUT PLAN	DATUM AHD	GDA 2020	Scale 1:3000	Size A1
Approved	Date		Drawing Number 304800722 C1008			Revision 6
MV	Date 25/03/2024					



GENERAL ARRANGEMENT KEY PLAN
SCALE 1:3500



Rev.	Date	Description	Des.	Verif.	Appd.
6	6/05/2025	ADDITION OF NORMALISED LOTS AND RE-ISSUED	LAB	CSH	MV
5	19/03/2025	ADDITION OF OPEN SPACE AREAS AND RE-ISSUED	LAB	CSH	MV
4	30/07/2024	ADDRESSED COUNCIL COMMENTS 23/7/2024 AND REISSUED	LAB	CSH	MV
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2	22/09/2023	ISSUED FOR INFORMATION	DAC	CSH	MV
1	30/06/2023	ISSUED FOR INFORMATION	DAC	CSH	MV



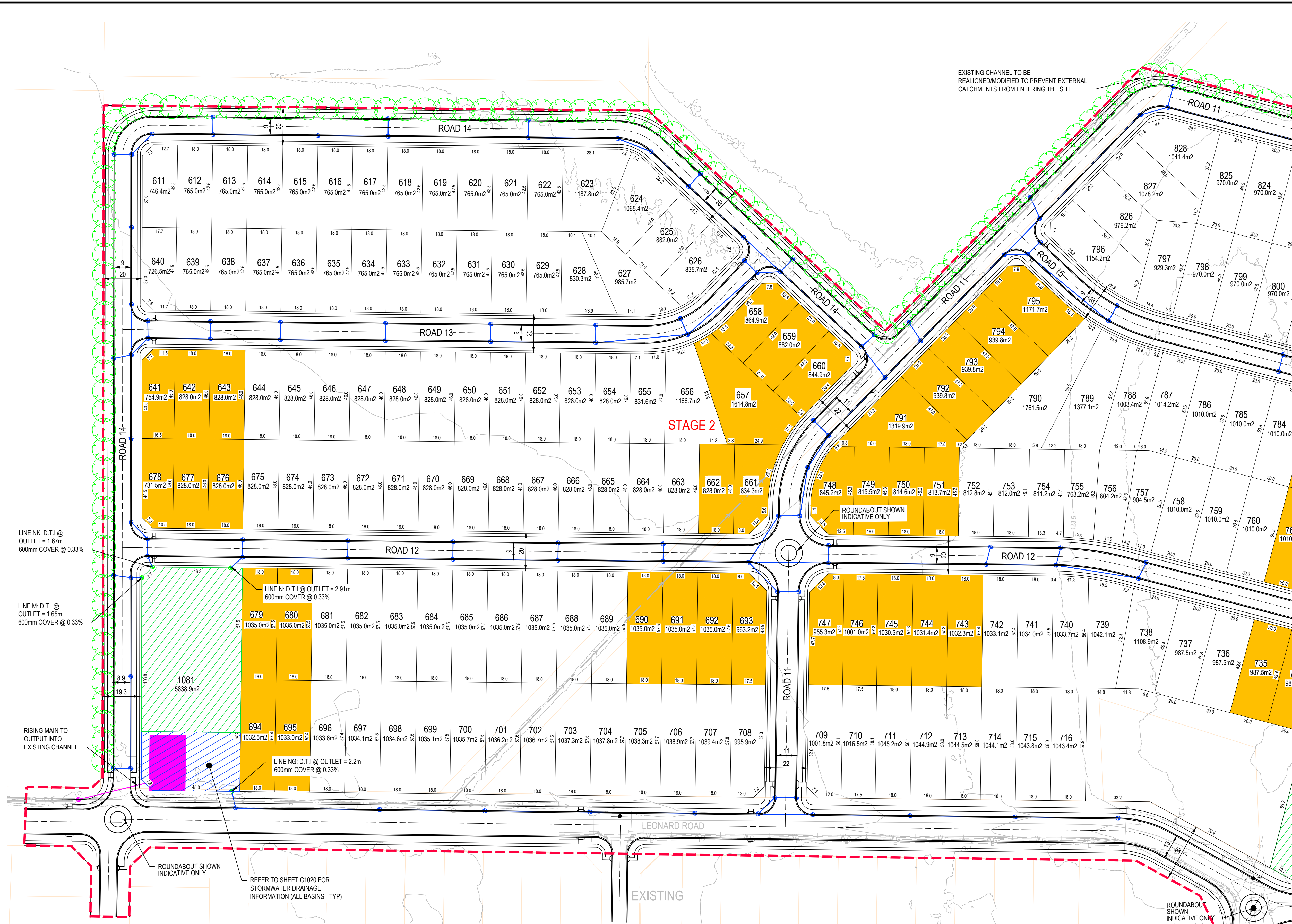
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Verified	CSH	Date	25/03/2024
Approved	MV	Date	25/03/2024

Client	Griffith City Council
Project	HANWOOD GROWTH AREA CONCEPT MASTER PLAN
Title	GENERAL ARRANGEMENT KEY PLAN

Status				FOR INFORMATION ONLY			
NOT TO BE USED FOR CONSTRUCTION PURPOSES							
DATUM		GDA		Scale		Size	
AHD		2020		1:3500		A1	
Drawing Number						Revision	
304800722 C1010						6	



NOTE

1. LOCATION AND OSD BASIN FIT OUT TO BE CONFIRMED AT DETAIL DESIGN.
2. LOCATION AND ARRANGEMENT OF STORMWATER NETWORK TO BE CONFIRMED AT DETAIL DESIGN.
3. LOT COUNT IS INDICATIVE OF THIS STAGE AND WILL NEED TO BE CONFIRMED AT DETAIL DESIGN.
4. ROAD RESERVE AND CARRIAGEWAY WIDTHS ARE IN ACCORDANCE WITH GRIFFITH CITY COUNCIL'S ENGINEERING GUIDELINES - SUBDIVISIONS AND DEVELOPMENT STANDARDS.

CONCEPT LOT COUNT	
STAGE 1	125 LOTS
STAGE 2	276 LOTS
STAGE 3	55 LOTS
TOTAL LOT COUNT:	456 LOTS

LEGEND	
	PROPOSED STAGING BOUNDARY
	EXISTING SURFACE CONTOURS
	PROPOSED BOUNDARY
	EXISTING BOUNDARY
	PROPOSED STORMWATER LINE
	PROPOSED RISING MAIN LINE
	PROPOSED STORMWATER PITS
	PROPOSED STORMWATER OUTLETS
	PROPOSED OPEN SPACE
	CONCEPT OSD BASINS
	MEDIUM DENSITY LOTS
	INDICATIVE PUMP STATION LOCATIONS
	PROPOSED RAISED PEDESTRIAN ACCESS
	PROPOSED TREE BUFFER
	EXISTING BUILDINGS
	EXISTING SWALE/CHANNEL
	EXISTING ROAD EDGE
	EXISTING COMMUNICATIONS CONDUIT
	EXISTING ELECTRICAL CONDUIT
	EXISTING POTABLE WATER MAIN
	EXISTING RECYCLED WATER MAIN

CONCEPT GENERAL ARRANGEMENT LAYOUT
SCALE 1:1000



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6	6/05/2025	ADDITION OF NORMALISED LOTS AND RE-ISSUED	LAB	CSH	MV
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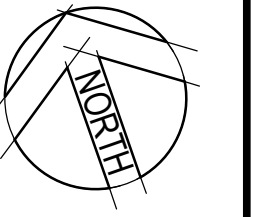
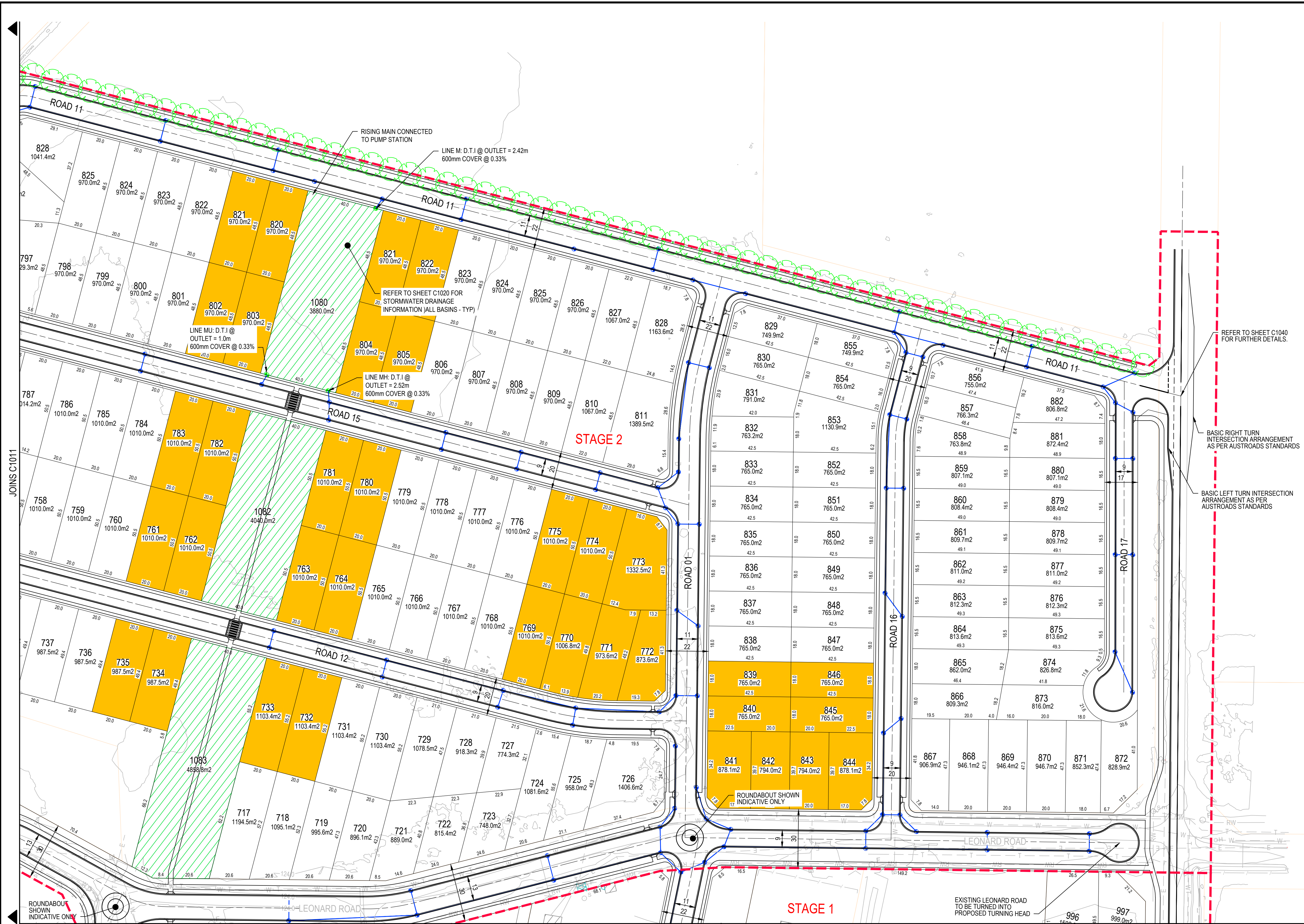
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Approved	MV	Date	25/03/2024

Client	GRIFFITH CITY COUNCIL
Project	HANWOOD GROWTH AREA CONCEPT MASTER PLAN
Title	GENERAL ARRANGEMENT LAYOUT PLAN SHEET 1 OF 6

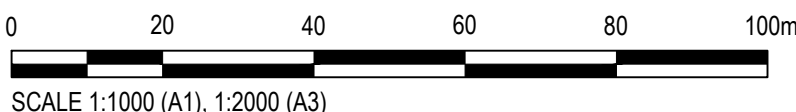
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DATUM	AHD	GDA	2020	Scale
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				Size
				A1
Drawing Number	304800722 C1011			Revision
				6



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CONCEPT LOT COUNT	
STAGE 1	125 LOTS
STAGE 2	276 LOTS
STAGE 3	55 LOTS
TOTAL LOT COUNT:	456 LOTS

- LEGEND**
- PROPOSED STAGING BOUNDARY
 - 10.0 --- EXISTING SURFACE CONTOURS
 - PROPOSED BOUNDARY
 - EXISTING BOUNDARY
 - PROPOSED STORMWATER LINE
 - PROPOSED RISING MAIN LINE
 - PROPOSED STORMWATER PITS
 - PROPOSED STORMWATER OUTLETS
 - PROPOSED OPEN SPACE
 - CONCEPT OSD BASINS
 - MEDIUM DENSITY LOTS
 - INDICATIVE PUMP STATION LOCATIONS
 - PROPOSED RAISED PEDESTRIAN ACCESS
 - PROPOSED TREE BUFFER
 - EXISTING BUILDINGS
 - EXISTING SWALE/CHANNEL
 - EXISTING ROAD EDGE
 - EXISTING COMMUNICATIONS CONDUIT
 - EXISTING ELECTRICAL CONDUIT
 - EXISTING POTABLE WATER MAIN
 - EXISTING RECYCLED WATER MAIN



CONCEPT GENERAL ARRANGEMENT LAYOUT
SCALE 1:1000

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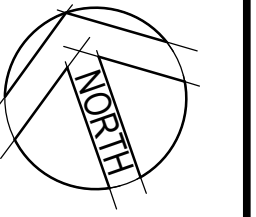


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Client	GRIFFITH CITY COUNCIL
Project	HANWOOD GROWTH AREA CONCEPT MASTER PLAN
Title	GENERAL ARRANGEMENT LAYOUT PLAN SHEET 2 OF 6

Status	FOR INFORMATION ONLY NOT TO BE USED FOR CONSTRUCTION PURPOSES			
DATUM	AHD	GDA	2020	Scale
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				A1
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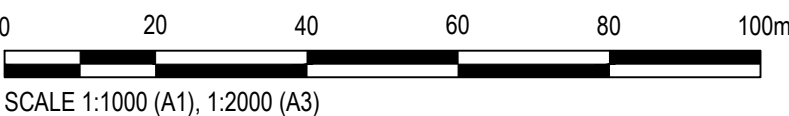
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DATUM	GDA	Scale	Size
AHD	2020	1:1000	A1
Drawing Number			Revision
304800722 C1013			6



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STAGE 1	125 LOTS
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TOTAL LOT COUNT:	456 LOTS

	PROPOSED STAGING BOUNDARY
	EXISTING SURFACE CONTOURS
	PROPOSED BOUNDARY
	EXISTING BOUNDARY
	PROPOSED STORMWATER LINE
	PROPOSED RISING MAIN LINE
	PROPOSED STORMWATER PITS
	PROPOSED STORMWATER OUTLETS
	PROPOSED OPEN SPACE
	CONCEPT OSD BASINS
	MEDIUM DENSITY LOTS
	INDICATIVE PUMP STATION LOCATIONS
	PROPOSED RAISED PEDESTRIAN ACCESS
	PROPOSED TREE BUFFER
	EXISTING BUILDINGS
	EXISTING SWALE/CHANNEL
	EXISTING ROAD EDGE
	EXISTING COMMUNICATIONS CONDUIT
	EXISTING ELECTRICAL CONDUIT
	EXISTING POTABLE WATER MAIN
	EXISTING RECYCLED WATER MAIN



CONCEPT GENERAL ARRANGEMENT LAYOUT

SCALE 1:1000

[illegible]

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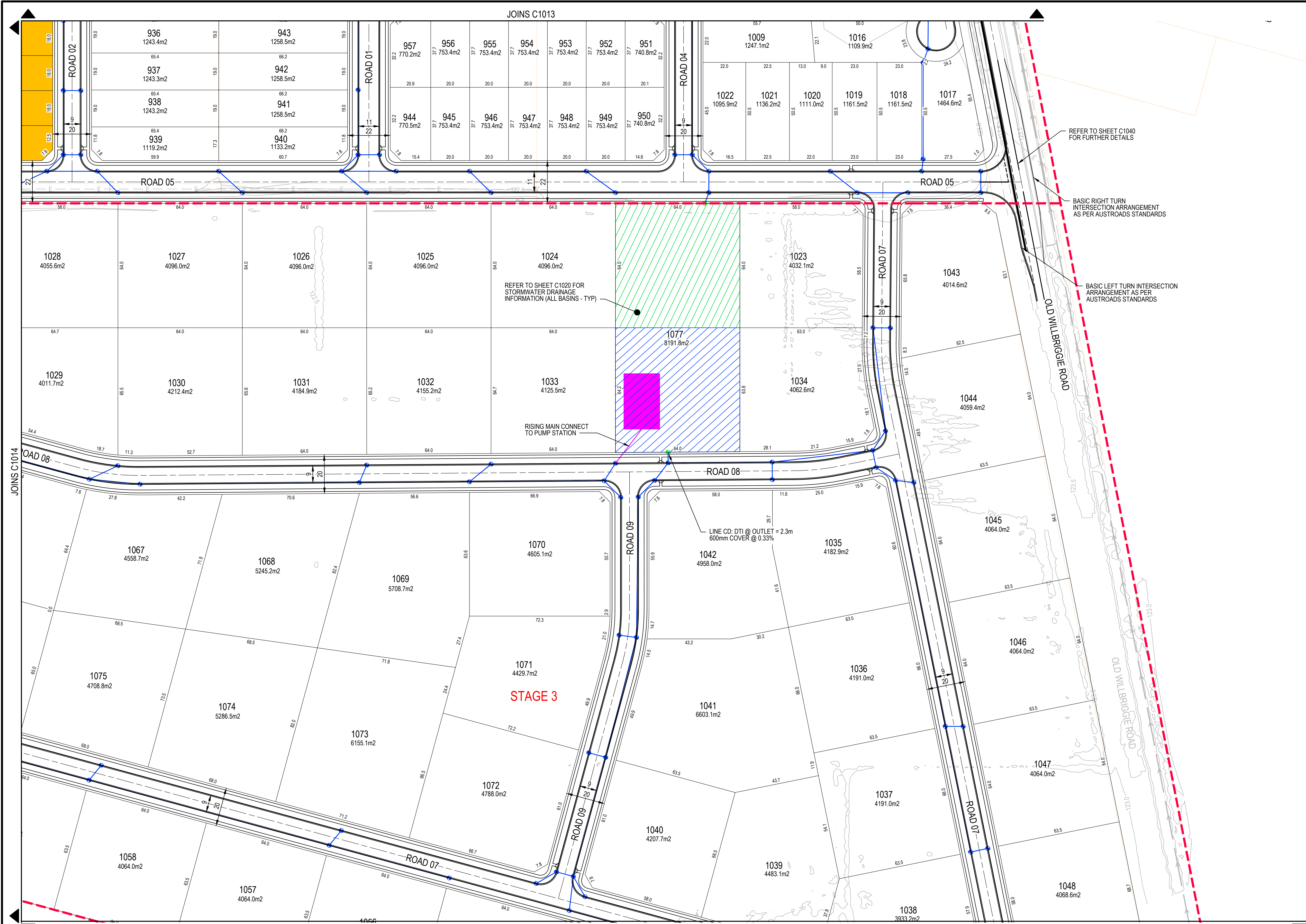


Drawn EJK	Date 26/06/2023	Client GRIFFITH CITY COUNCIL
Checked MPR	Date 20/03/2024	Project HANWOOD GROWTH AREA CONCEPT MASTER PLAN
Designed LAB	Date 9/02/2024	
Verified CSH	Date 25/03/2024	Title GENERAL ARRANGEMENT LAYOUT PLAN SHEET 4 OF 6
Approved	Date	
MV	Date 25/03/2024	

Status			
FOR INFORMATION ONLY			
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DATUM	GDA	Scale	Size
AHD	2020	1:1000	A1
Drawing Number			Revision
304800722 C1014			6

DATE PLOTTED: 6 May 2025 11:39 AM BY: RALEVSKI, NICHOLAS

XREF's: XR-304800722-G-TITLE: XR-304800722-E-CADASTRE: XR-304800722-E-SURVEY: XR-304800722-D-BASE: XR-304800722-D-STORMWATER: XR-304800722-G-Legend
CAD File: laa2028-pprsg01shared_projects304800722304800722_Hanwood Master PlanDrawings\BuildC1000\304800722_C1015.dwg



CONCEPT GENERAL ARRANGEMENT LAYOUT
SCALE 1:1000

NOTE

1. LOCATION AND OSD BASIN FIT OUT TO BE CONFIRMED AT DETAIL DESIGN.
2. LOCATION AND ARRANGEMENT OF STORMWATER NETWORK TO BE CONFIRMED AT DETAIL DESIGN.
3. LOT COUNT IS INDICATIVE OF THIS STAGE AND WILL NEED TO BE CONFIRMED AT DETAIL DESIGN.
4. ROAD RESERVE AND CARRIAGEWAY WIDTHS ARE IN ACCORDANCE WITH GRIFFITH CITY COUNCIL'S ENGINEERING GUIDELINES - SUBDIVISIONS AND DEVELOPMENT STANDARDS.

CONCEPT LOT COUNT

STAGE 1	125 LOTS
STAGE 2	276 LOTS
STAGE 3	55 LOTS
TOTAL LOT COUNT:	456 LOTS

LEGEND

	PROPOSED STAGING BOUNDARY
	EXISTING SURFACE CONTOURS
	PROPOSED BOUNDARY
	EXISTING BOUNDARY
	PROPOSED STORMWATER LINE
	PROPOSED RISING MAIN LINE
	PROPOSED STORMWATER PITS
	PROPOSED STORMWATER OUTLETS
	PROPOSED OPEN SPACE
	CONCEPT OSD BASINS
	MEDIUM DENSITY LOTS
	INDICATIVE PUMP STATION LOCATIONS
	PROPOSED RAISED PEDESTRIAN ACCESS
	PROPOSED TREE BUFFER
	EXISTING BUILDINGS
	EXISTING SWALE/CHANNEL
	EXISTING ROAD EDGE
	EXISTING COMMUNICATIONS CONDUIT
	EXISTING ELECTRICAL CONDUIT
	EXISTING POTABLE WATER MAIN
	EXISTING RECYCLED WATER MAIN



Rev.	Date	Description	Des.	Verif.	Appd.
6	6/05/2025	ADDITION OF NORMALISED LOTS AND RE-ISSUED	LAB	CSH	MV
5	19/03/2025	ADDITION OF OPEN SPACE AREAS AND RE-ISSUED	LAB	CSH	MV
4	30/07/2024	ADDRESSED COUNCIL COMMENTS 23/7/2024 AND REISSUED	LAB	CSH	MV
3	25/03/2024	ADDRESSED COUNCIL COMMENTS 25/1/2024 AND REISSUED	LAB	CSH	MV
2	22/09/2023	ISSUED FOR INFORMATION	DAC	CSH	MV
1	30/06/2023	ISSUED FOR INFORMATION	DAC	CSH	MV



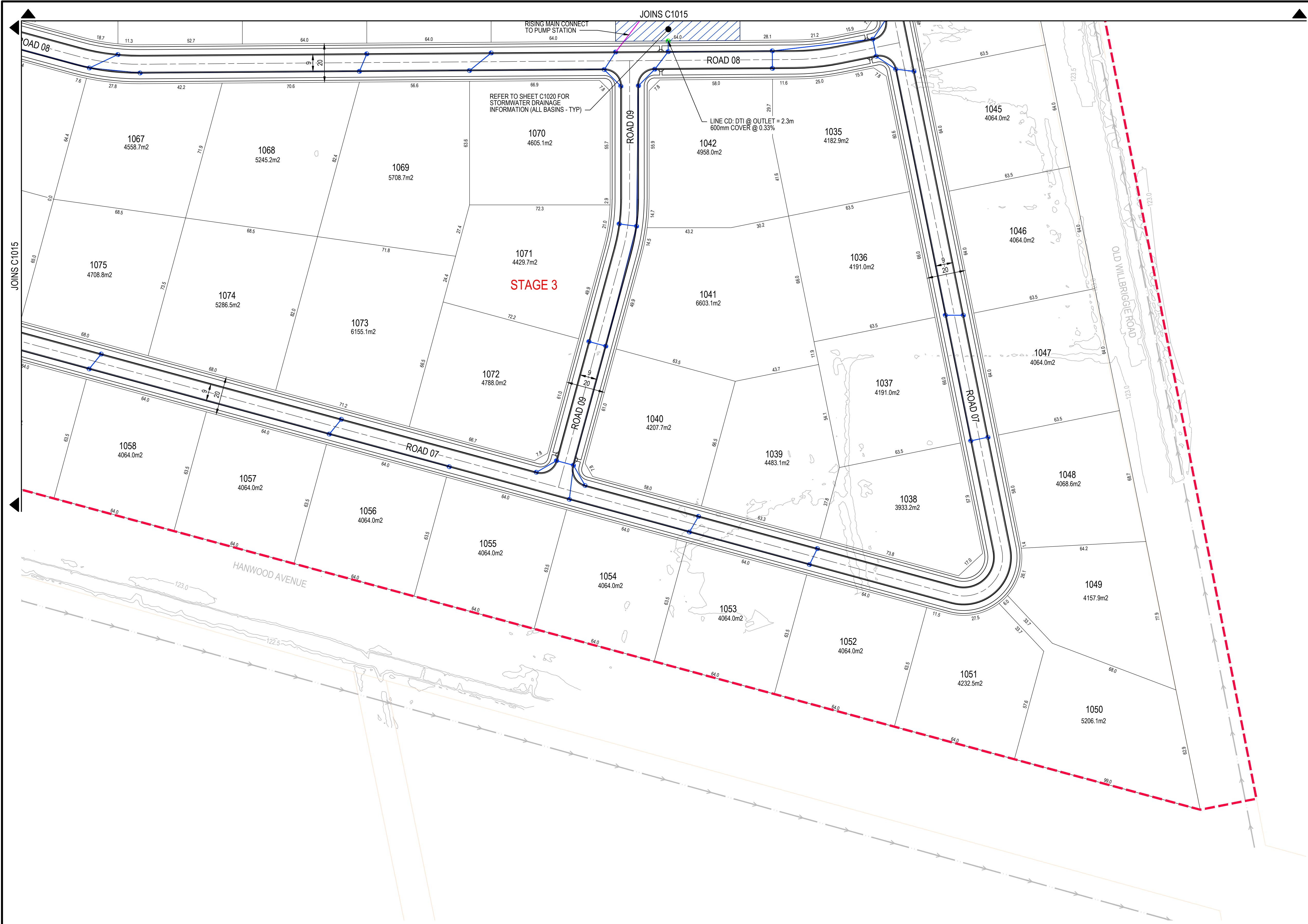
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Checked	MPR	Date	20/03/2024
Designed	LAB	Date	9/02/2024
Verified	CSH	Date	25/03/2024
Approved	MV	Date	25/03/2024

Client	GRIFFITH CITY COUNCIL		
Project	HANWOOD GROWTH AREA CONCEPT MASTER PLAN		
Title	GENERAL ARRANGEMENT LAYOUT PLAN SHEET 5 OF 6		

Status	FOR INFORMATION ONLY NOT TO BE USED FOR CONSTRUCTION PURPOSES			
DATUM	AHD	GDA	2020	Scale
				1:1000
				Size
				A1
Drawing Number	304800722 C1015			Revision
				6



CONCEPT GENERAL ARRANGEMENT LAYOUT
SCALE 1:1000

NOTE

1. LOCATION AND OSD BASIN FIT OUT TO BE CONFIRMED AT DETAIL DESIGN.
2. LOCATION AND ARRANGEMENT OF STORMWATER NETWORK TO BE CONFIRMED AT DETAIL DESIGN.
3. LOT COUNT IS INDICATIVE OF THIS STAGE AND WILL NEED TO BE CONFIRMED AT DETAIL DESIGN.
4. ROAD RESERVE AND CARRIAGEWAY WIDTHS ARE IN ACCORDANCE WITH GRIFFITH CITY COUNCIL'S ENGINEERING GUIDELINES - SUBDIVISIONS AND DEVELOPMENT STANDARDS.

CONCEPT LOT COUNT

STAGE 1	125 LOTS
STAGE 2	276 LOTS
STAGE 3	55 LOTS
TOTAL LOT COUNT:	456 LOTS

LEGEND

- PROPOSED STAGING BOUNDARY
- 10.0 EXISTING SURFACE CONTOURS
- PROPOSED BOUNDARY
- EXISTING BOUNDARY
- PROPOSED STORMWATER LINE
- PROPOSED RISING MAIN LINE
- PROPOSED STORMWATER PITS
- PROPOSED STORMWATER OUTLETS
- PROPOSED OPEN SPACE
- CONCEPT OSD BASINS
- MEDIUM DENSITY LOTS
- INDICATIVE PUMP STATION LOCATIONS
- PROPOSED RAISED PEDESTRIAN ACCESS
- PROPOSED TREE BUFFER
- EXISTING BUILDINGS
- EXISTING SWALE/CHANNEL
- EXISTING ROAD EDGE
- T --- EXISTING COMMUNICATIONS CONDUIT
- E --- EXISTING ELECTRICAL CONDUIT
- W --- EXISTING POTABLE WATER MAIN
- RW --- EXISTING RECYCLED WATER MAIN



Rev.	Date	Description	Des.	Verif.	Appd.
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2	22/09/2023	ISSUED FOR INFORMATION	DAC	CSH	MV
1	30/06/2023	ISSUED FOR INFORMATION	DAC	CSH	MV



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Wollongong NSW 2500
Tel: 02 4231 9600 Fax: 02 4228 6811
Web: www.stantec.com

Drawn EJK Date 26/06/2023
Checked MPR Date 20/03/2024
Designed LAB Date 9/02/2024
Verified CSH Date 25/03/2024
Approved MV Date 25/03/2024

Client GRIFFITH CITY COUNCIL
Project HANWOOD GROWTH AREA
CONCEPT MASTER PLAN
Title GENERAL ARRANGEMENT LAYOUT PLAN
SHEET 6 OF 6

Status **FOR INFORMATION ONLY**
NOT TO BE USED FOR CONSTRUCTION PURPOSES
DATUM AHD GDA 2020 Scale 1:1000 Size A1
Drawing Number 304800722 C1016 Revision 6



CONCEPT STORMWATER LAYOUT AND DETAILS
SCALE 1:3000

CATCHMENT DETAILS:	
CATCHMENT No.	AREA (ha)
1	16.39
2	17.09
3	26.92
4	13.82
5	21.56

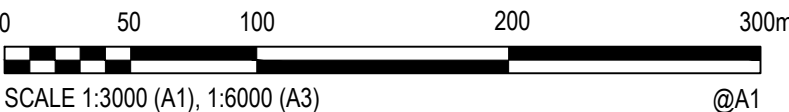
CONCEPT OSD BASINS:	
BASIN No.	VOLUME REQUIRED (m³)
STAGE 1:	
BASIN 1	3311.702
BASIN 3	6070.117
STAGE 2:	
BASIN 4	1516.524
STAGE 3:	
BASIN 2	4095.786

NOTE

1. LOCATION AND OSD BASIN FIT OUT TO BE CONFIRMED AT DETAIL DESIGN STAGE.
2. LOCATION AND ARRANGEMENT OF STORMWATER NETWORK TO BE CONFIRMED AT DETAIL DESIGN STAGE.
3. REFER TO STORMWATER MANAGEMENT REPORT REGARDING FURTHER DETAILS OF THE BASINS, EMERGENCY DISCHARGE AND THE SITE OVERFLOW DISCHARGE PATHWAY.

LEGEND

- PROPOSED STAGING BOUNDARY
- PROPOSED OPEN SPACE
- CONCEPT OSD BASINS
- PROPOSED STORMWATER LINE
- PROPOSED STORMWATER PITS
- PROPOSED RISING MAIN LINE
- PROPOSED STORMWATER OUTLETS
- PROPOSED STORMWATER CATCHMENT
- EXISTING SWALE/CHANNEL
- INDICATIVE PUMP STATION LOCATIONS



Rev.	Date	Description	Des.	Verif.	Appd.
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2	22/09/2023	ISSUED FOR INFORMATION	DAC	CSH	MV
1	30/06/2023	ISSUED FOR INFORMATION	DAC	CSH	MV



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Checked	MPR	Date	20/03/2024
Designed	LAB	Date	9/02/2024
Verified	CSH	Date	25/03/2024
Approved	MV	Date	25/03/2024

Client	GRIFFITH CITY COUNCIL
Project	HANWOOD GROWTH AREA CONCEPT MASTER PLAN
Title	CONCEPT STORMWATER LAYOUT AND DETAILS

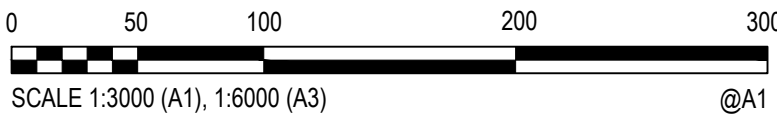
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DATUM	AHD	GDA	2020	Scale
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Drawing Number	304800722 C1020			Size
				A1
Revision	6			



ROAD HIERARCHY PLAN
SCALE 1:3000

NOTE
1. ROAD RESERVE AND CARRIAGEWAY WIDTHS ARE IN ACCORDANCE WITH GRIFFITH CITY COUNCIL'S ENGINEERING GUIDELINES - SUBDIVISIONS AND DEVELOPMENT STANDARDS.
2. REFER TO C1031 FOR TYPICAL ROAD SECTIONS

LEGEND	
	ACCESS PLACE (17m)
	LOCAL ACCESS ROAD (20m)
	COLLECTOR ROAD (22m)
	LOCAL DISTRIBUTOR ROAD (25m) - MODIFIED



Rev.	Date	Description	Des.	Verif.	Appd.
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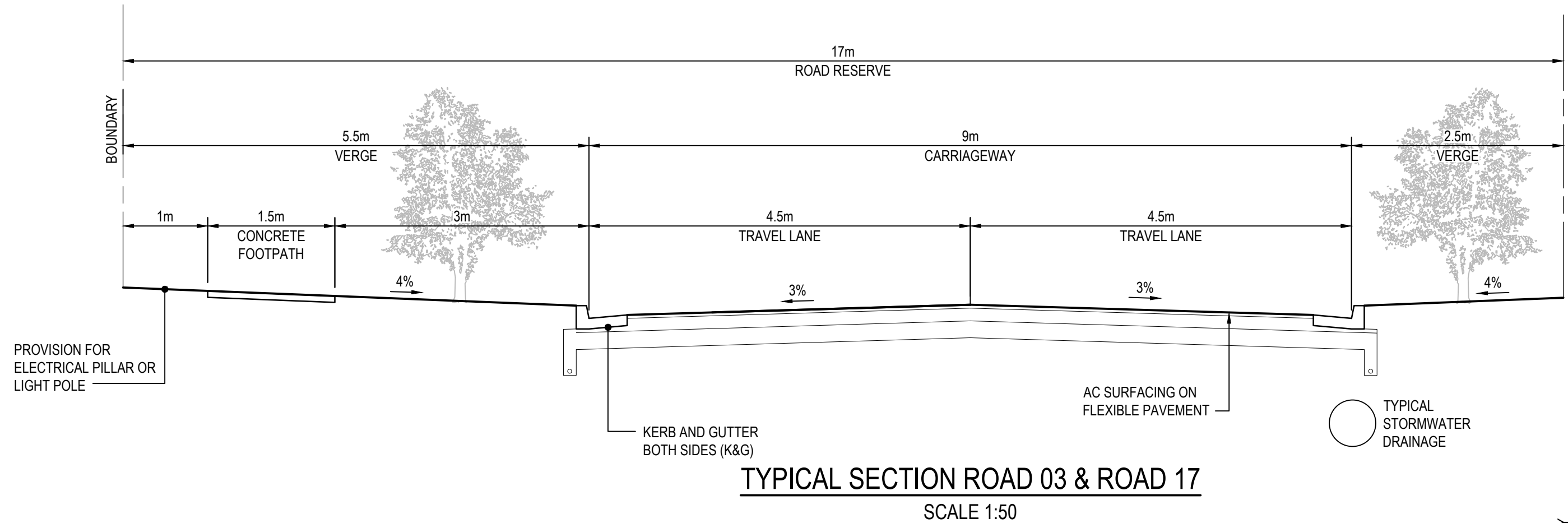
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Approved	MV	Date	25/03/2024

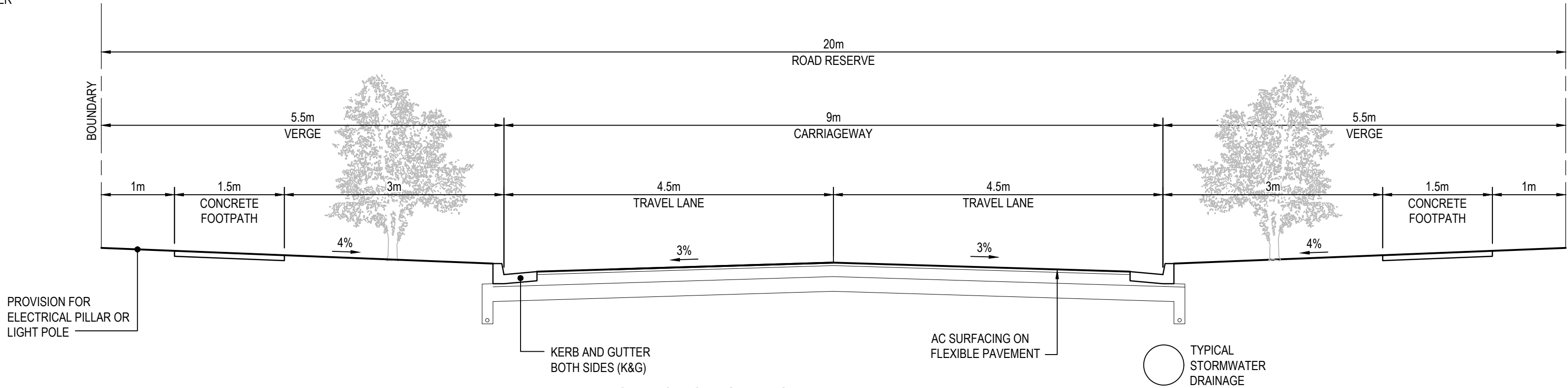
Client	GRIFFITH CITY COUNCIL
Project	HANWOOD GROWTH AREA CONCEPT MASTER PLAN
Title	ROAD HEIRARCHY PLAN

Status	FOR INFORMATION ONLY NOT TO BE USED FOR CONSTRUCTION PURPOSES			
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Size	A1			
Drawing Number	304800722 C1030			Revision
				6

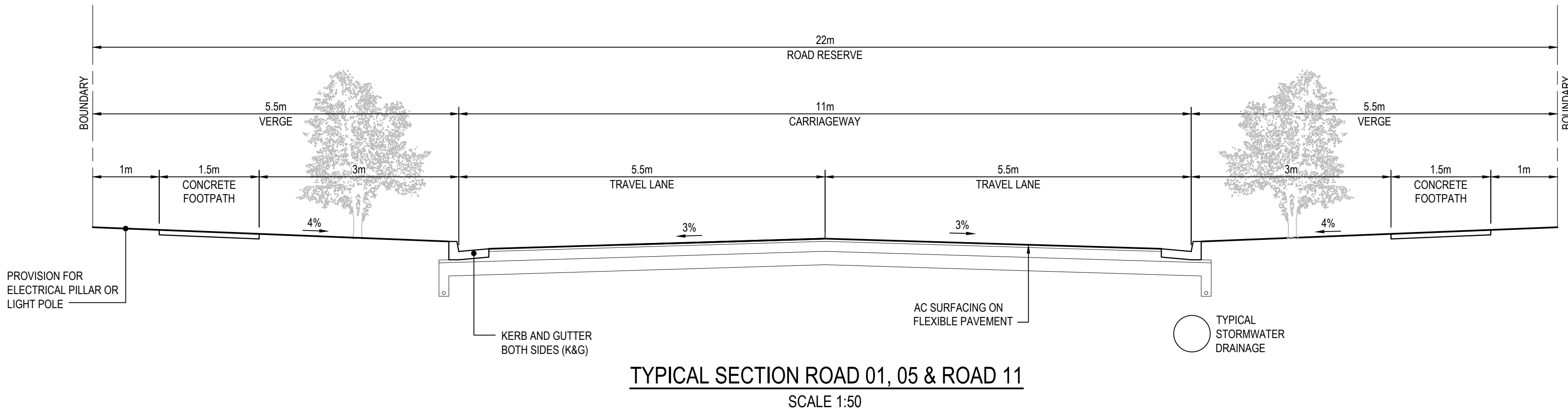
DATE PLOTTED: 6 May 2025 11:40 AM BY: RALEYSKI, NICHOLAS



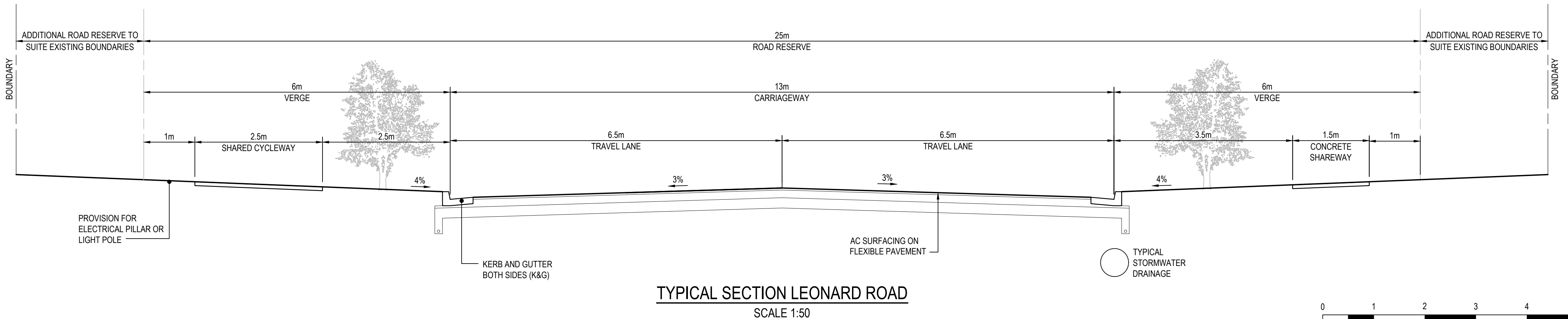
TYPICAL SECTION ROAD 03 & ROAD 17
SCALE 1:50



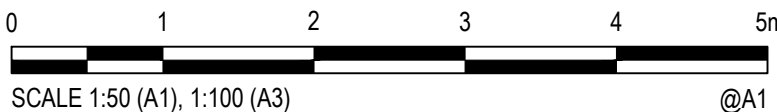
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13, 14, 15, 16 & LEONARD ROAD
SCALE 1:50



TYPICAL SECTION ROAD 01, 05 & ROAD 11
SCALE 1:50



TYPICAL SECTION LEONARD ROAD
SCALE 1:50



XREF's: XR-304800722-C-TITLE

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Rev.	Date	Description	Des.	Verif.	Appd.
6	6/05/2025	ADDITION OF NORMALISED LOTS AND RE-ISSUED	LAB	CSH	MV
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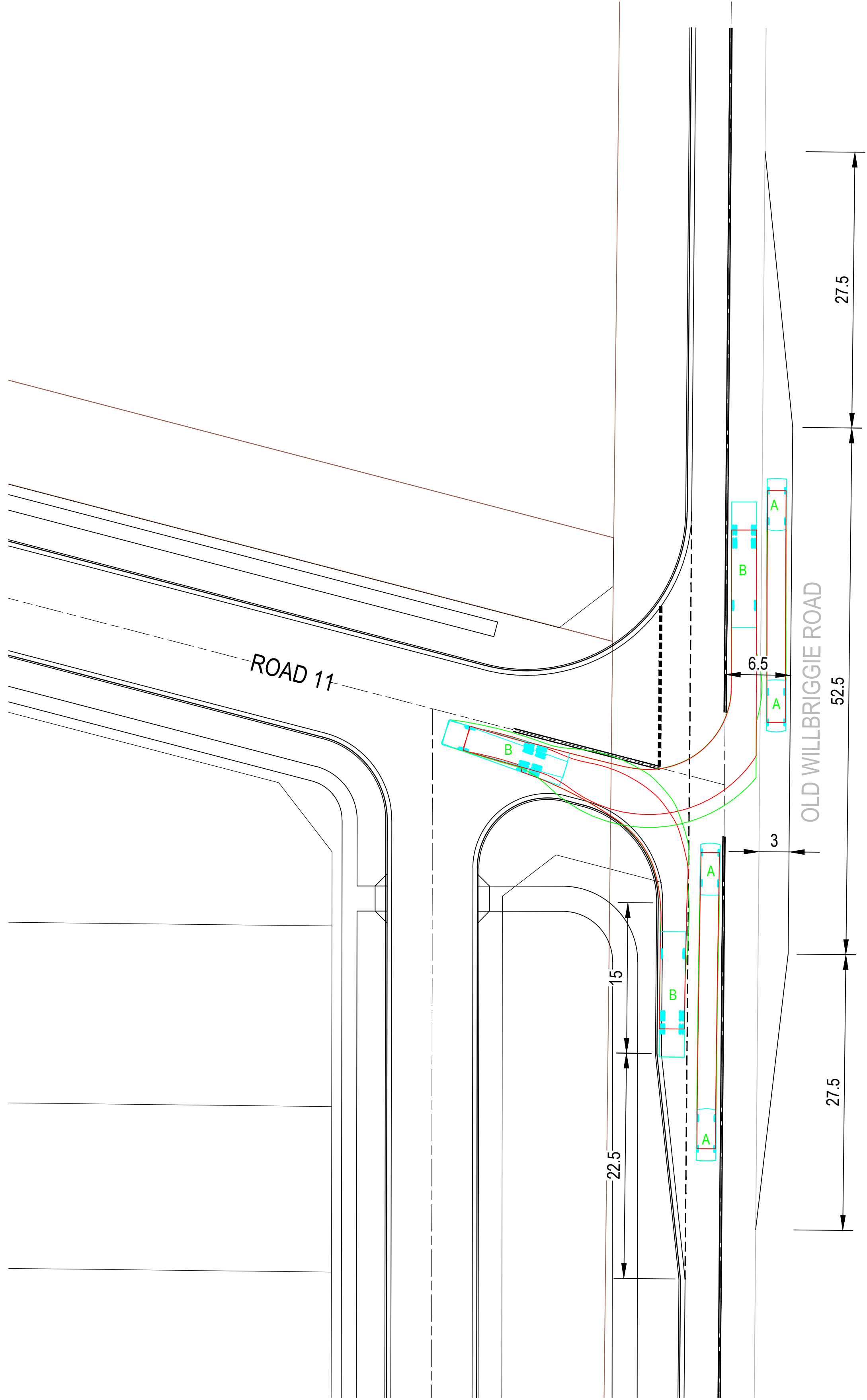
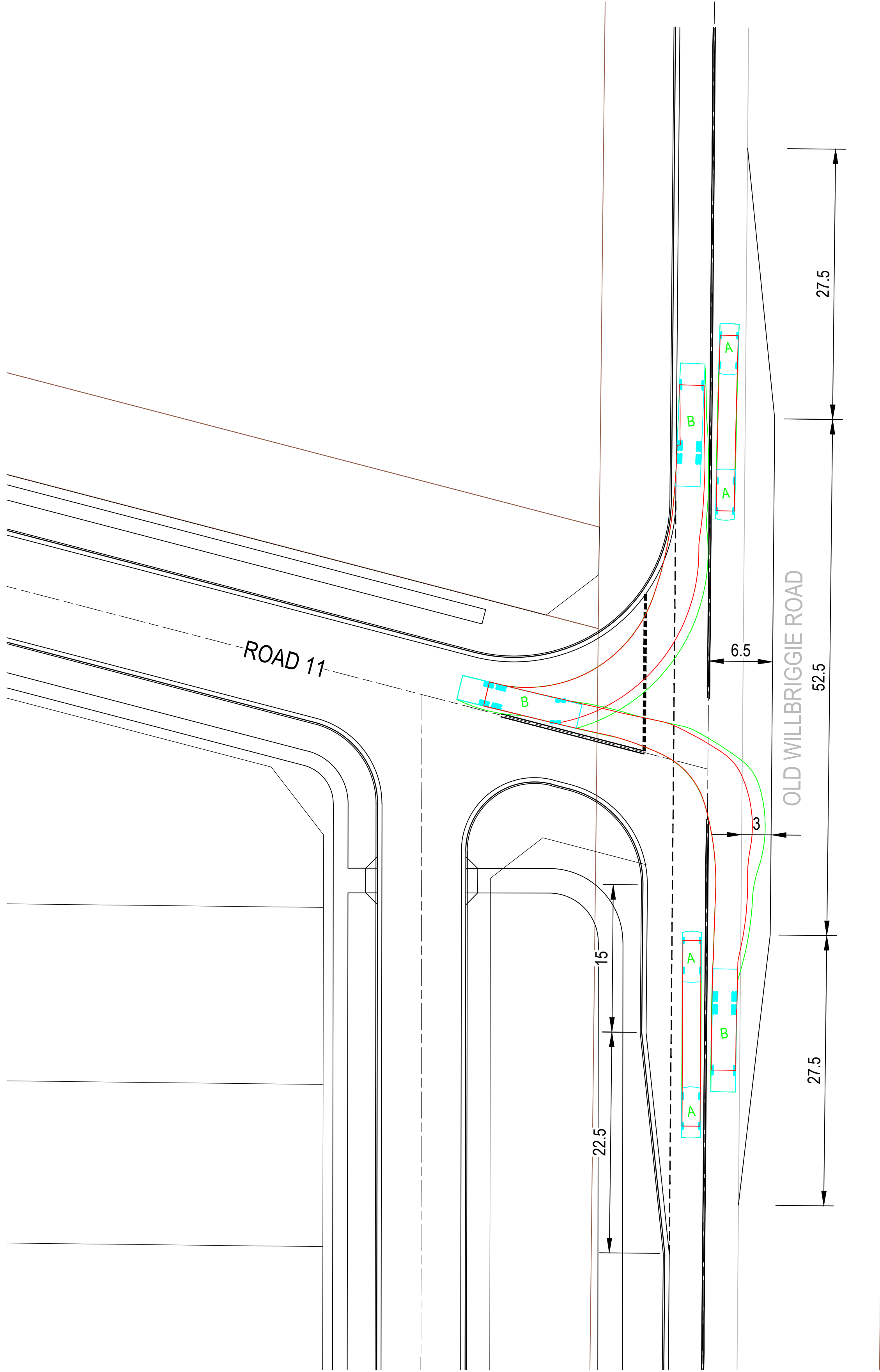
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Verified	CSH	Date	25/03/2024
Approved	MV	Date	25/03/2024

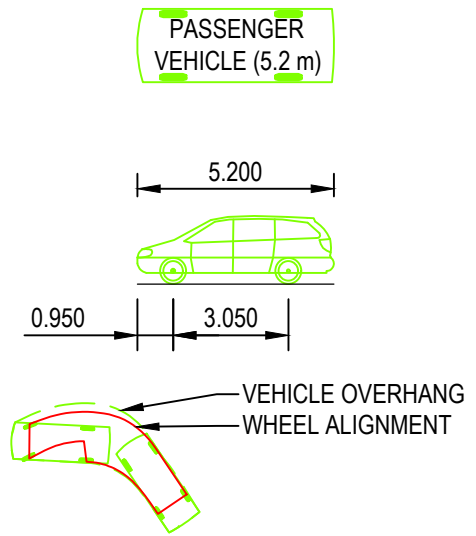
Client	Griffith City Council
Project	HANWOOD GROWTH AREA CONCEPT MASTER PLAN
Title	TYPICAL ROAD SECTIONS

Status		FOR INFORMATION ONLY			
NOT TO BE USED FOR CONSTRUCTION PURPOSES					
DATUM	GDA	Scale	Size		
AHD	2020	1:50	A1		
Drawing Number				Revision	
304800722 C1031				6	



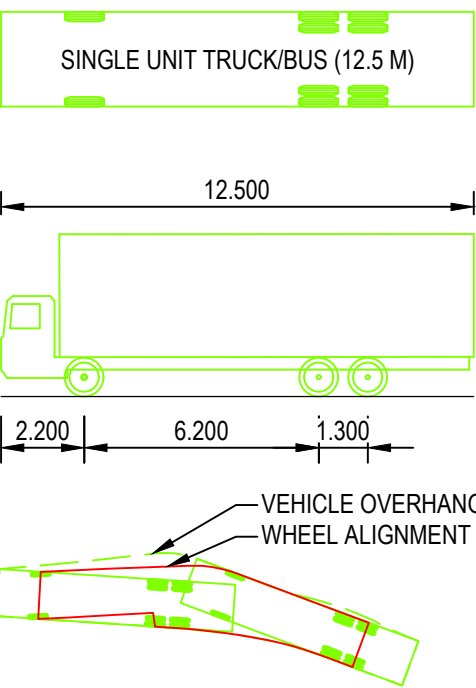
PROPOSED BAR/BAL INTERSECTION LAYOUTS
SCALE 1:300

LEGEND - A



PASSENGER VEHICLE (5.2 m)	
OVERALL LENGTH	5.200m
OVERALL WIDTH	1.940m
OVERALL BODY HEIGHT	1.804m
MIN BODY GROUND CLEARANCE	0.295m
TRACK WIDTH	1.840m
LOCK-TO-LOCK TIME	4.00s
CURB TO CURB TURNING RADIUS	6.300m

LEGEND - B

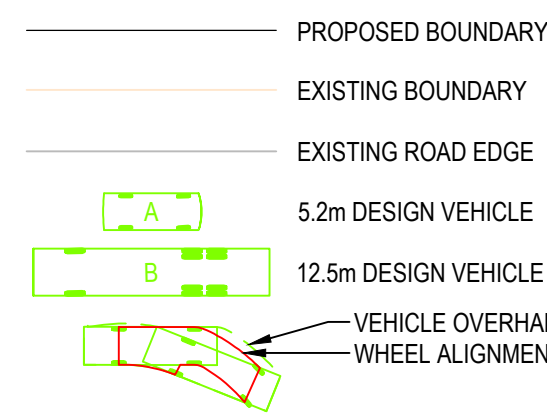
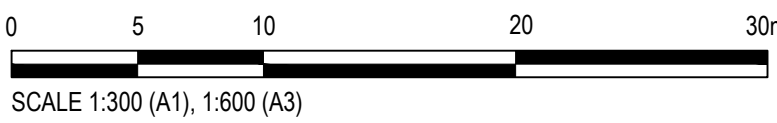


SINGLE UNIT TRUCK/BUS (12.5 m)	
OVERALL LENGTH	12.500m
OVERALL WIDTH	2.500m
OVERALL BODY HEIGHT	4.300m
MIN BODY GROUND CLEARANCE	0.490m
TRACK WIDTH	2.500m
LOCK-TO-LOCK TIME	6.00s
CURB TO CURB TURNING RADIUS	12.500m

NOTE

1. BAR AND BAL INTERSECTIONS ARE BASED ON AN AERIAL IMAGE AND CADASTRE ONLY. NO SURVEY OR APZ DATA IS CURRENTLY AVAILABLE AND AS SUCH ALL AREAS, CONSTRAINTS AND EXISTING CONDITIONS SHOULD BE CONSIDERED APPROXIMATE ONLY.

LEGEND



Rev.	Date	Description	Des.	Verif.	Appd.
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1	30/06/2023	ISSUED FOR INFORMATION	DAC	CSH	MV



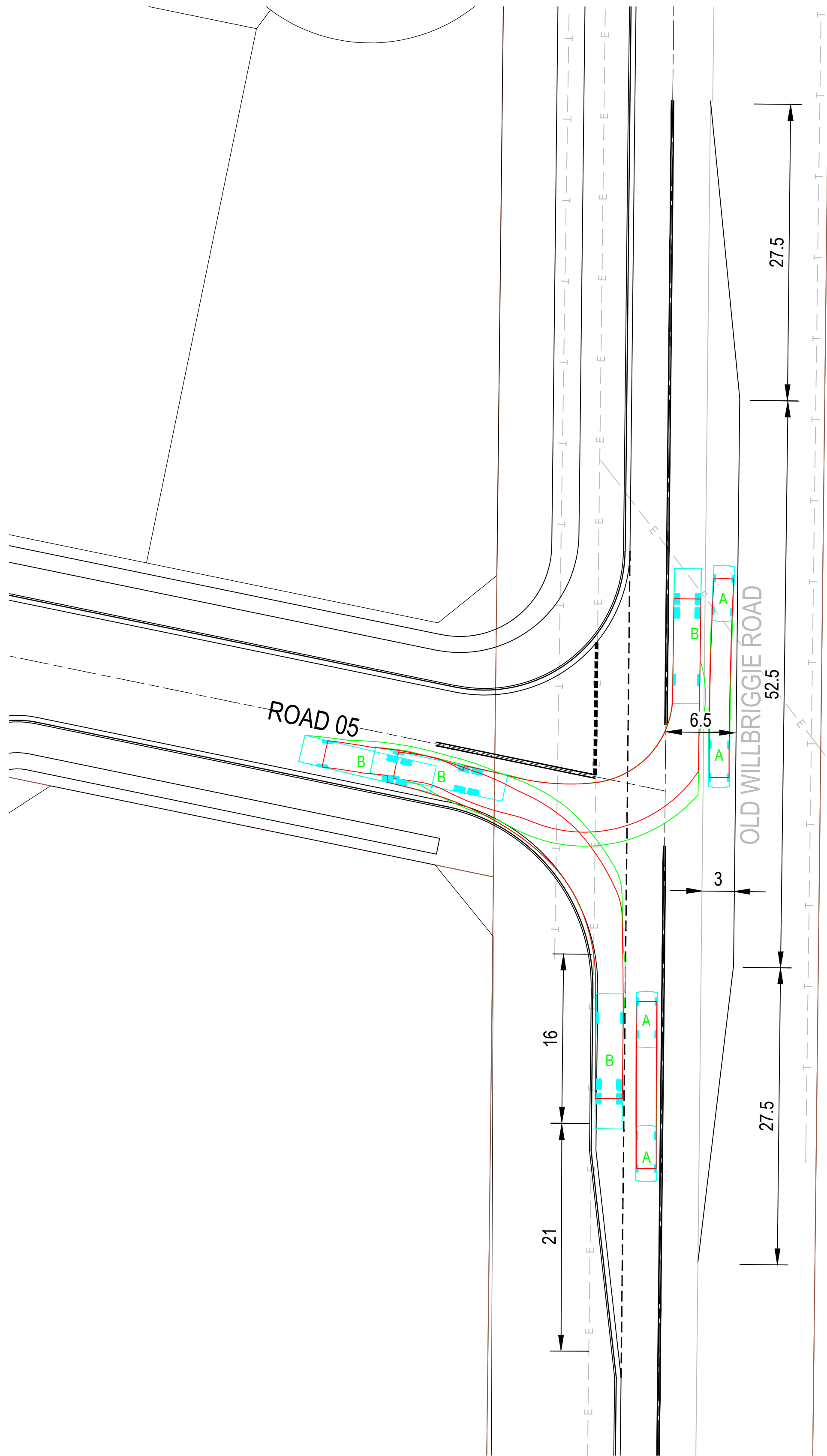
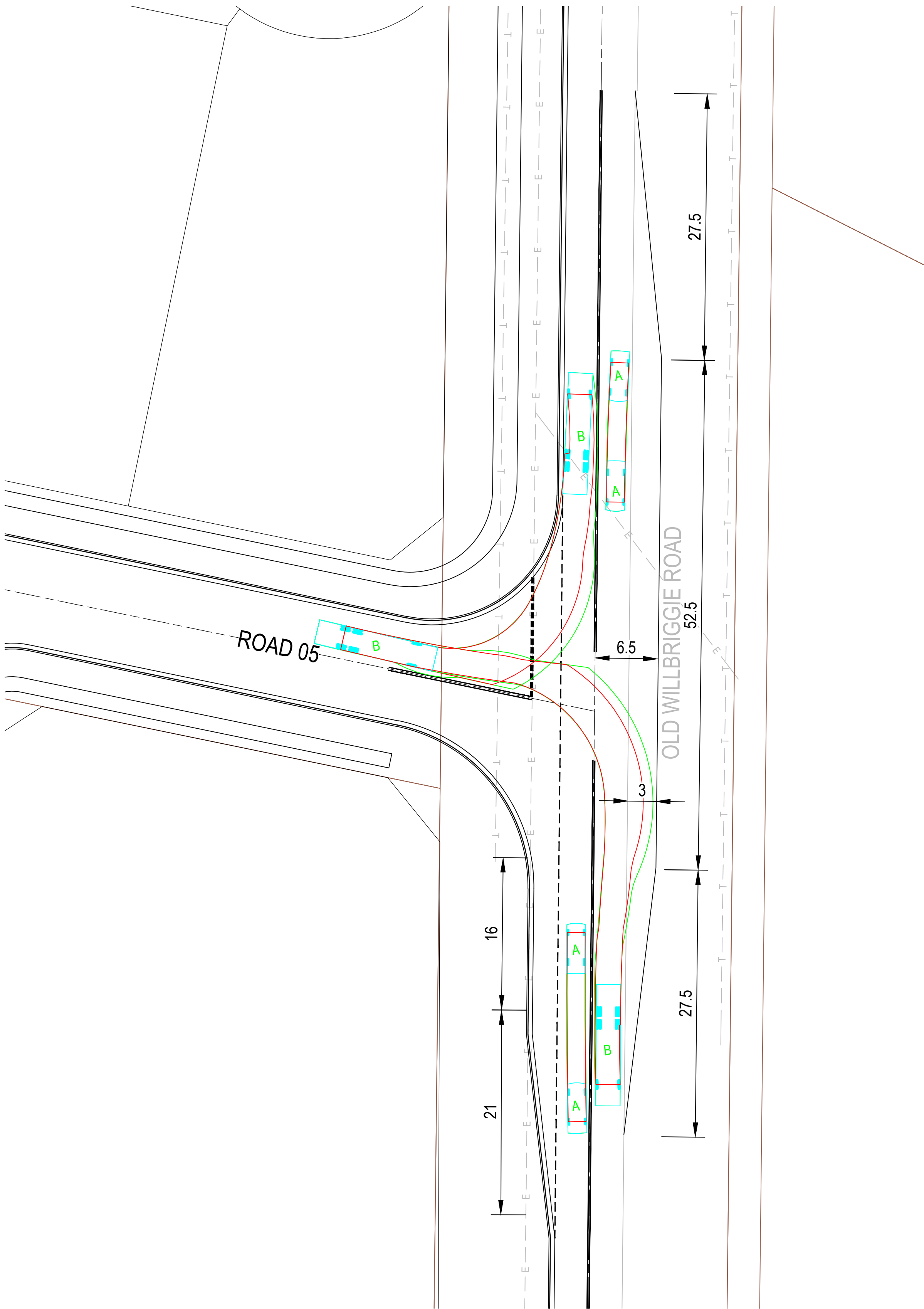
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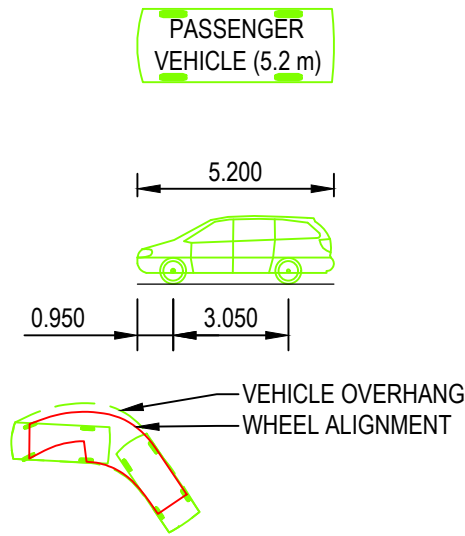
Client	GRIFFITH CITY COUNCIL
Project	HANWOOD GROWTH AREA CONCEPT MASTER PLAN
Title	PROPOSED BAR/BAL INTERSECTION LAYOUTS SHEET 01 OF 04

Status	FOR INFORMATION ONLY NOT TO BE USED FOR CONSTRUCTION PURPOSES			
DATUM	AHD	GDA	2020	Scale
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Size	A1			
Drawing Number	304800722 C1040			Revision
				6



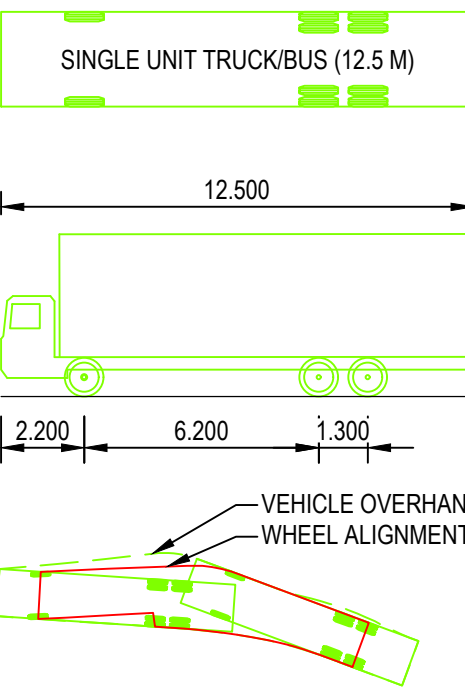
PROPOSED BAR/BAL INTERSECTION LAYOUTS
SCALE 1:300

LEGEND - A



PASSENGER VEHICLE (5.2 m)	
OVERALL LENGTH	5.200m
OVERALL WIDTH	1.940m
OVERALL BODY HEIGHT	1.804m
MIN BODY GROUND CLEARANCE	0.295m
TRACK WIDTH	1.840m
LOCK-TO-LOCK TIME	4.00s
CURB TO CURB TURNING RADIUS	6.300m

LEGEND - B

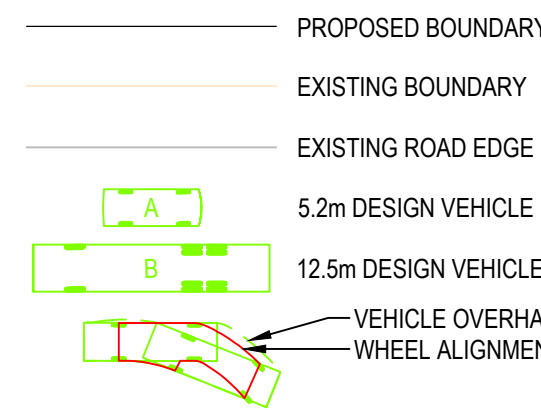
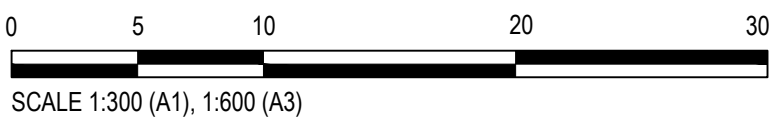


SINGLE UNIT TRUCK/BUS (12.5 m)	
OVERALL LENGTH	12.500m
OVERALL WIDTH	2.500m
OVERALL BODY HEIGHT	4.300m
MIN BODY GROUND CLEARANCE	0.490m
TRACK WIDTH	2.500m
LOCK-TO-LOCK TIME	6.00s
CURB TO CURB TURNING RADIUS	12.500m

NOTE

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LEGEND



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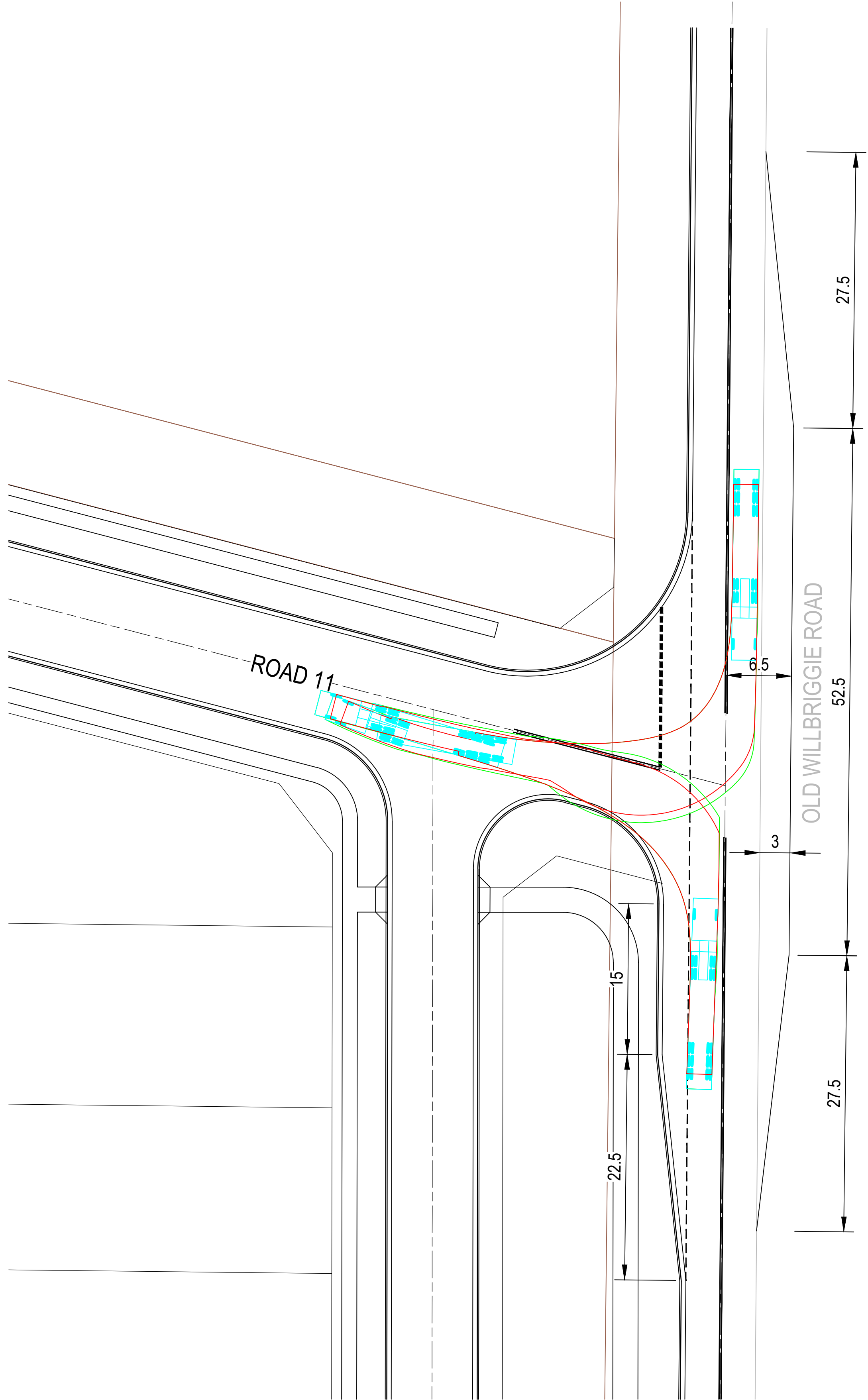
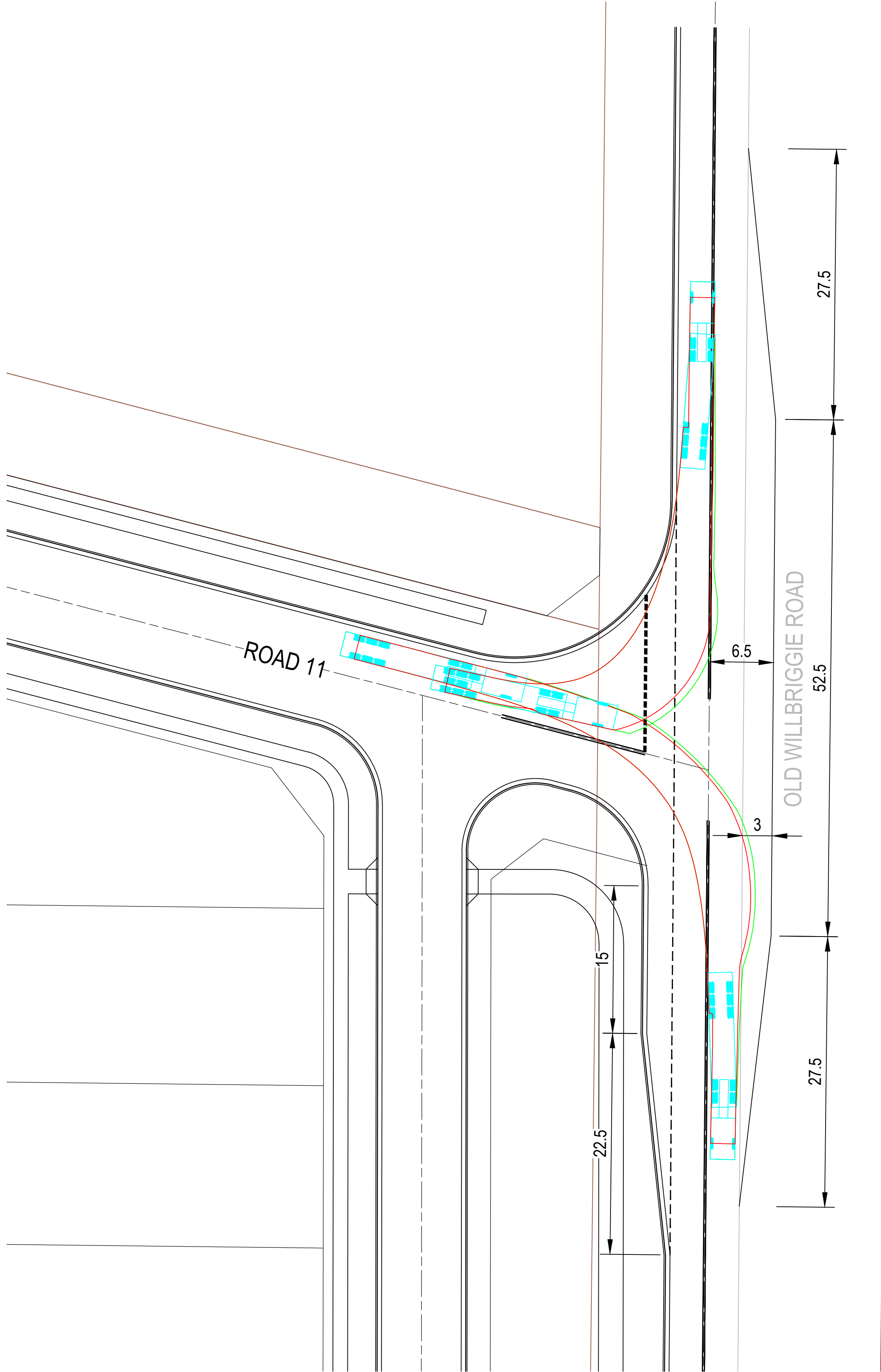
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Checked	MPR	Date	20/03/2024
Designed	LAB	Date	9/02/2024
Verified	CSH	Date	25/03/2024
Approved	MV	Date	25/03/2024

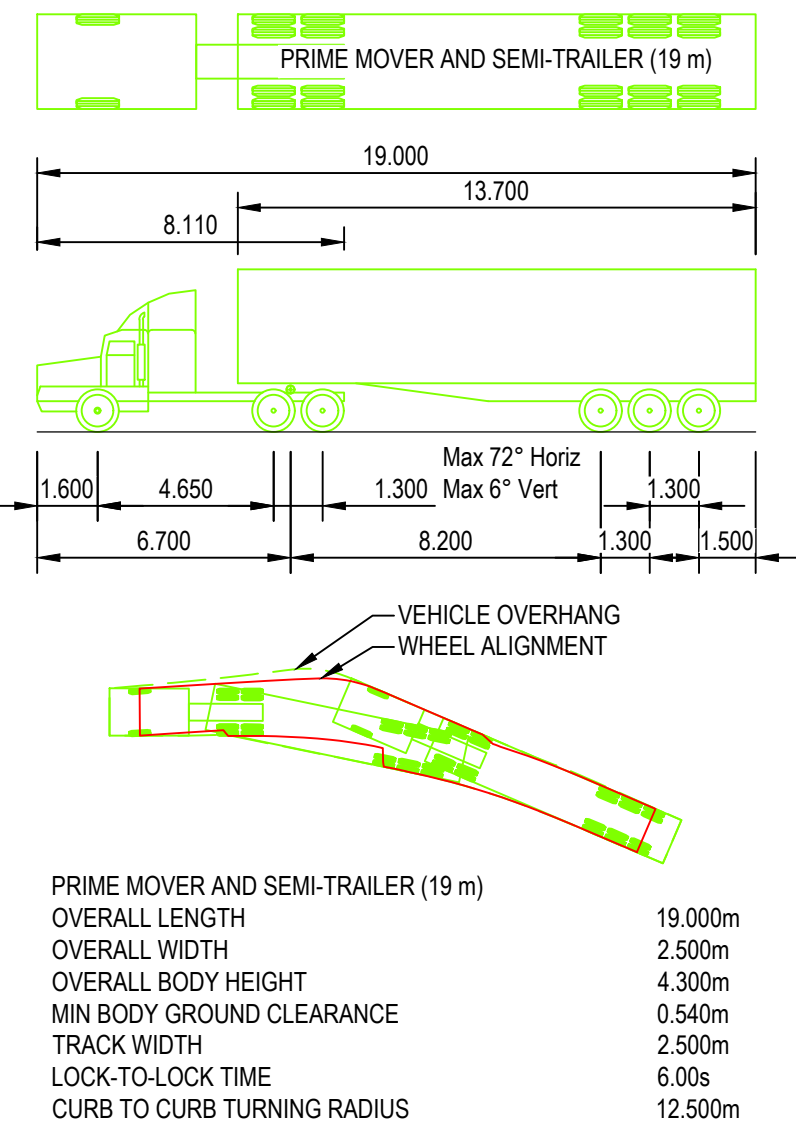
Client	GRIFFITH CITY COUNCIL
Project	HANWOOD GROWTH AREA CONCEPT MASTER PLAN
Title	PROPOSED BAR/BAL INTERSECTION LAYOUTS SHEET 02 OF 04

Status	FOR INFORMATION ONLY NOT TO BE USED FOR CONSTRUCTION PURPOSES			
DATUM	AHD	GDA	2020	Scale
				1:300
Size	A1			
Drawing Number	304800722 C1041			Revision
				6



PROPOSED BAR/BAL INTERSECTION LAYOUTS
SCALE 1:300

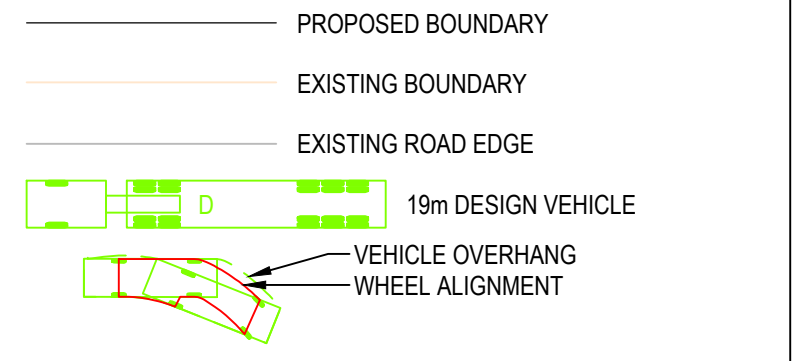
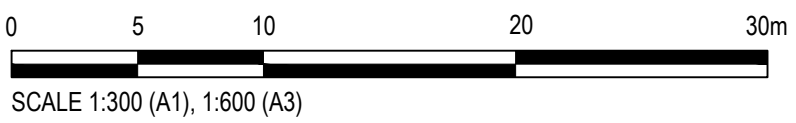
LEGEND - D



NOTE

1. BAR AND BAL INTERSECTIONS ARE BASED ON AN AERIAL IMAGE AND CADASTRE ONLY. NO SURVEY OR APZ DATA IS CURRENTLY AVAILABLE AND AS SUCH ALL AREAS, CONSTRAINTS AND EXISTING CONDITIONS SHOULD BE CONSIDERED APPROXIMATE ONLY.

LEGEND



Rev.	Date	Description	Des.	Verif.	Appd.
6	6/05/2025	ADDITION OF NORMALISED LOTS AND RE-ISSUED	LAB	CSH	MV
5	19/03/2025	ADDITION OF OPEN SPACE AREAS AND RE-ISSUED	LAB	CSH	MV
4	30/07/2024	ADDRESSED COUNCIL COMMENTS 23/7/2024 AND REISSUED	LAB	CSH	MV
3	25/03/2024	ADDRESSED COUNCIL COMMENTS 25/1/2024 AND REISSUED	LAB	CSH	MV
2	22/09/2023	ISSUED FOR INFORMATION	DAC	CSH	MV
1	30/07/2024	ADDRESSED COUNCIL COMMENTS 23/7/2024 AND REISSUED	LAB	CSH	MV



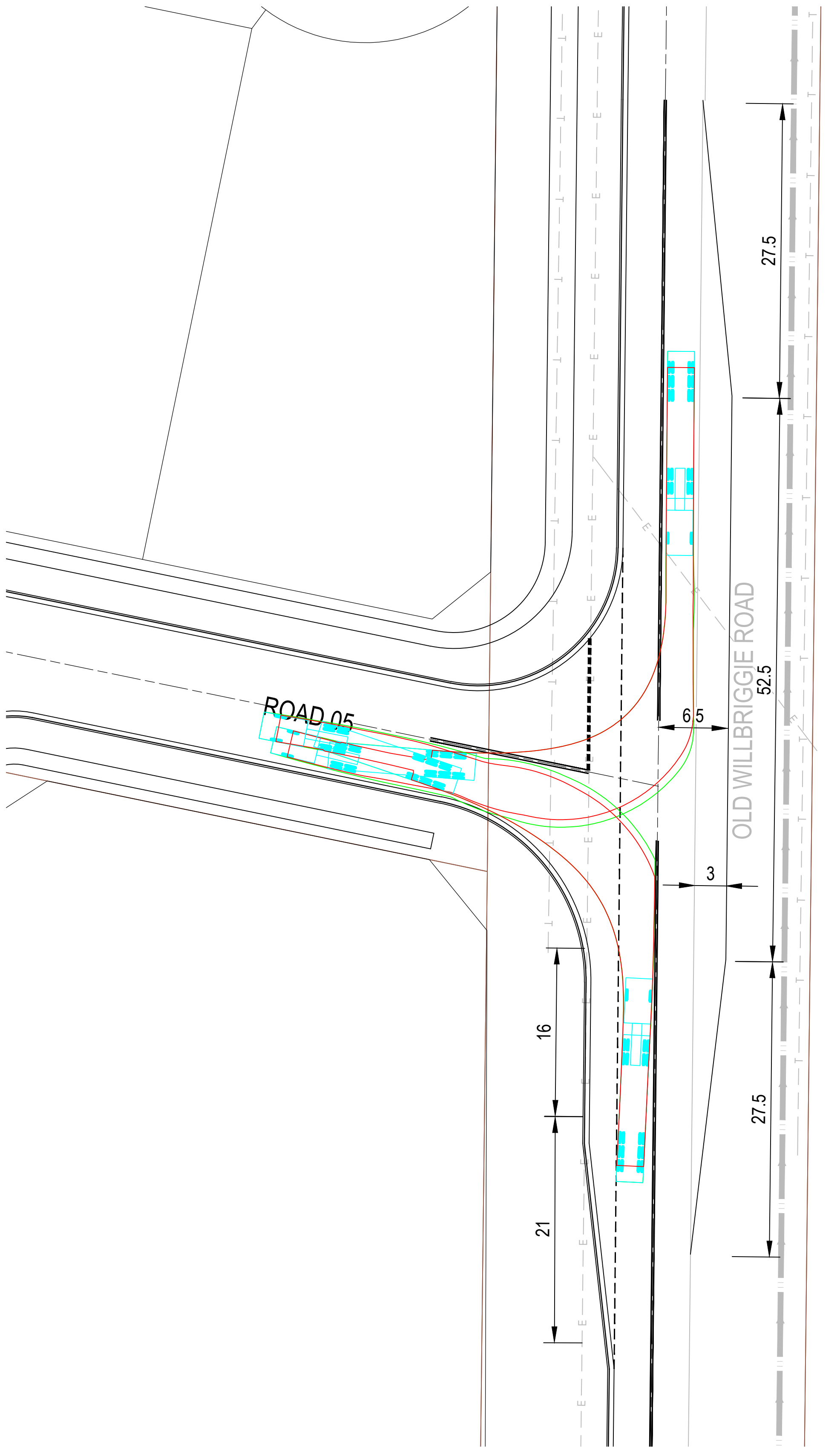
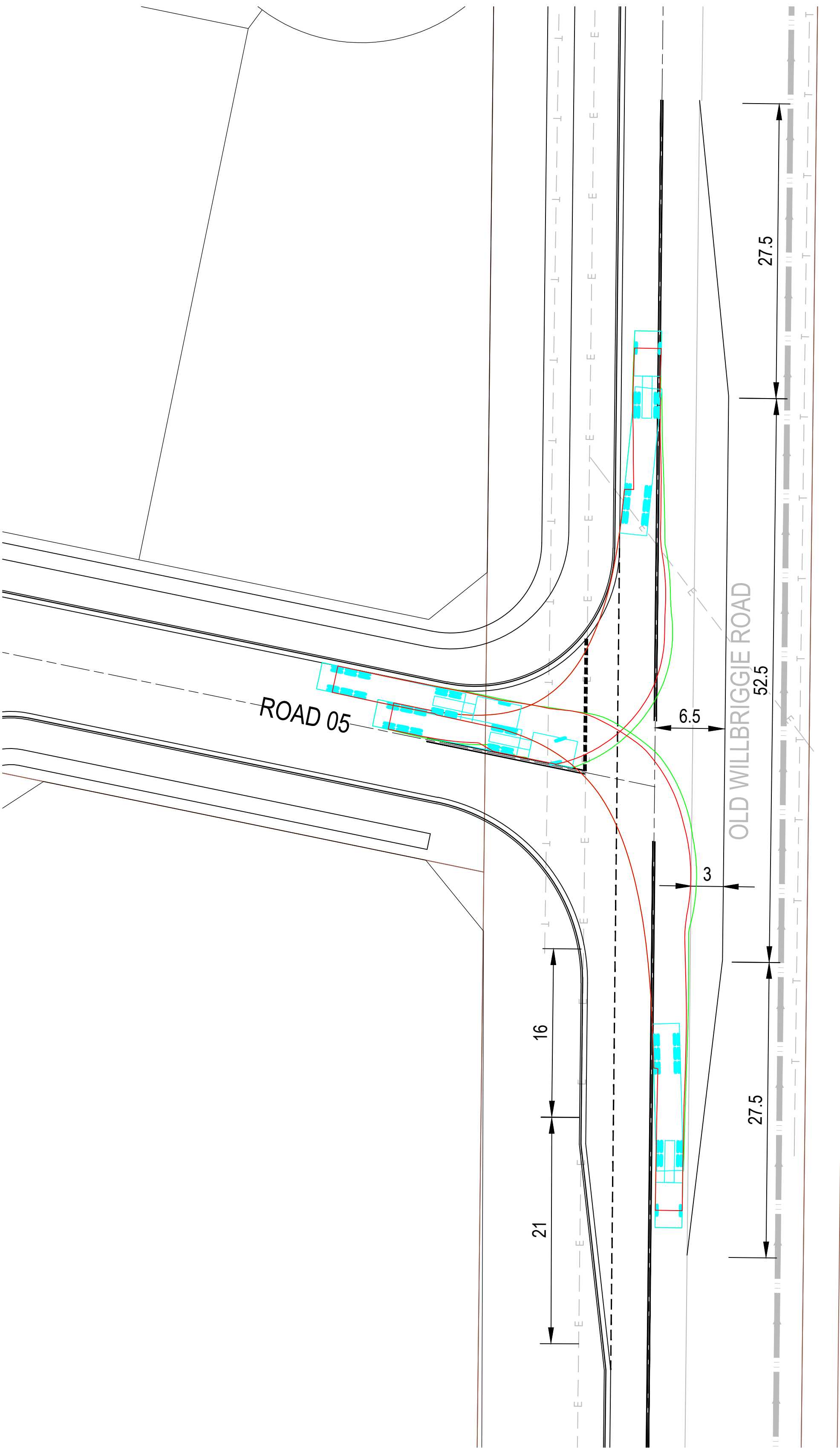
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Drawn	EJK	Date	30/07/2024
Checked	MPR	Date	30/07/2024
Designed	LAB	Date	9/02/2024
Verified	CSH	Date	30/07/2024
Approved	MV	Date	30/07/2024

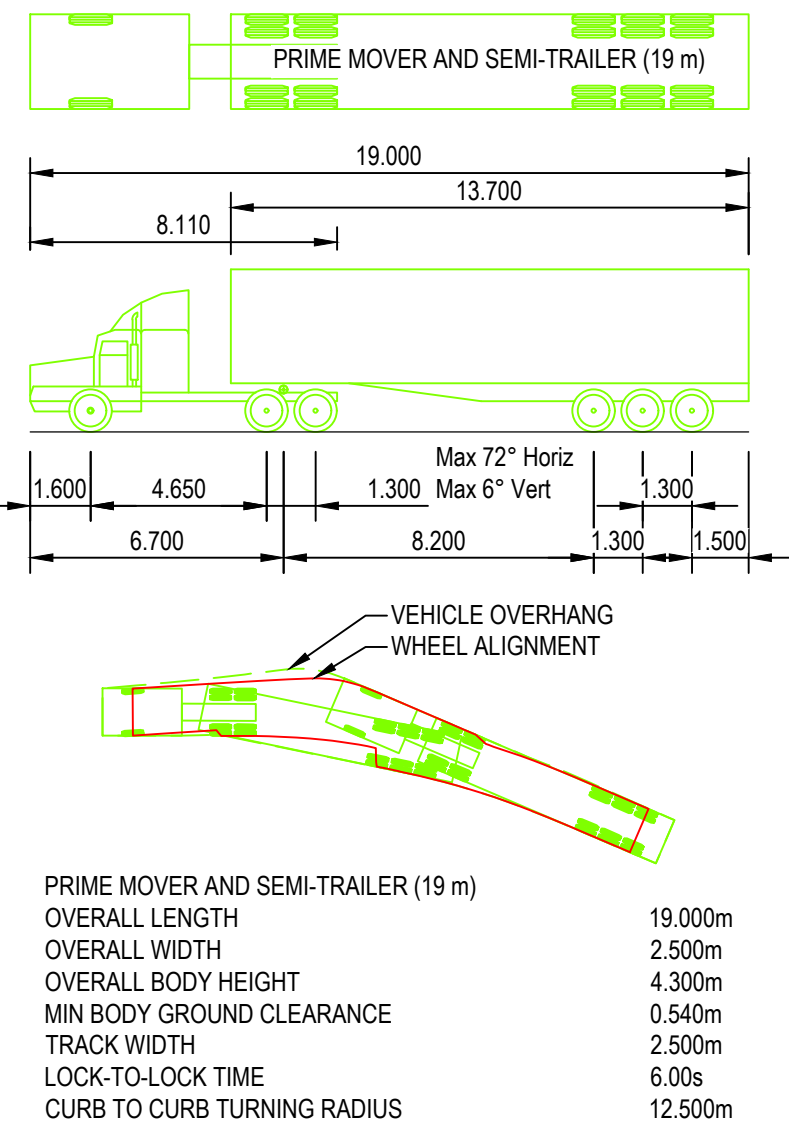
Client	GRIFFITH CITY COUNCIL
Project	HANWOOD GROWTH AREA CONCEPT MASTER PLAN
Title	PROPOSED BAR/BAL INTERSECTION LAYOUTS SHEET 03 OF 04

Status	FOR INFORMATION ONLY		
NOT TO BE USED FOR CONSTRUCTION PURPOSES			
DATUM	GDA	Scale	Size
AHD	2020	1:300	A1
Drawing Number			Revision
304800722 C1042			6



PROPOSED BAR/BAL INTERSECTION LAYOUTS
SCALE 1:300

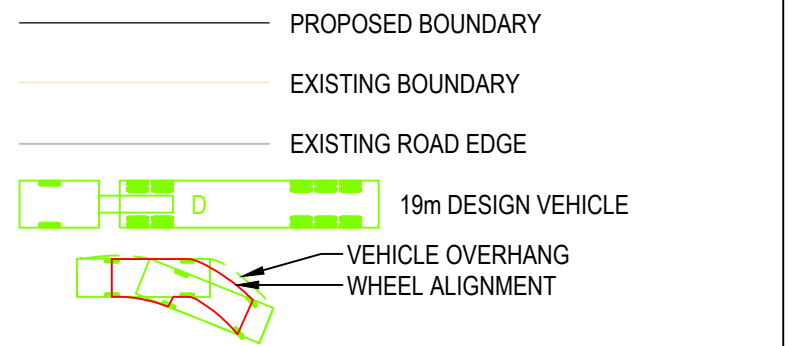
LEGEND - D



NOTE

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LEGEND



Rev.	Date	Description	Des.	Verif.	Appd.
6	6/05/2025	ADDITION OF NORMALISED LOTS AND RE-ISSUED	LAB	CSH	MV
5	19/03/2025	ADDITION OF OPEN SPACE AREAS AND RE-ISSUED	LAB	CSH	MV
4	30/07/2024	ADDRESSED COUNCIL COMMENTS 23/7/2024 AND REISSUED	LAB	CSH	MV
3	25/03/2024	ADDRESSED COUNCIL COMMENTS 25/1/2024 AND REISSUED	LAB	CSH	MV
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1	30/07/2024	ADDRESSED COUNCIL COMMENTS 23/7/2024 AND REISSUED	LAB	CSH	MV



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Stantec
Stantec (NSW/ACT) Pty Ltd | ABN 17 007 820 322
Ground Floor, 16 Burrell Street
Wollongong NSW 2500
Tel: 02 4231 9600 Fax: 02 4228 6811
Web: www.stantec.com

Drawn	EJK	Date	30/07/2024
Checked	MPR	Date	30/07/2024
Designed	LAB	Date	9/02/2024
Verified	CSH	Date	30/07/2024
Approved	MV	Date	30/07/2024

Client	GRIFFITH CITY COUNCIL
Project	HANWOOD GROWTH AREA CONCEPT MASTER PLAN
Title	PROPOSED BAR/BAL INTERSECTION LAYOUTS SHEET 04 OF 04

Status	FOR INFORMATION ONLY			
NOT TO BE USED FOR CONSTRUCTION PURPOSES				
DATUM	GDA	Scale	Size	
AHD	2020	1:300	A1	
Drawing Number			Revision	
304800722 C1043			6	