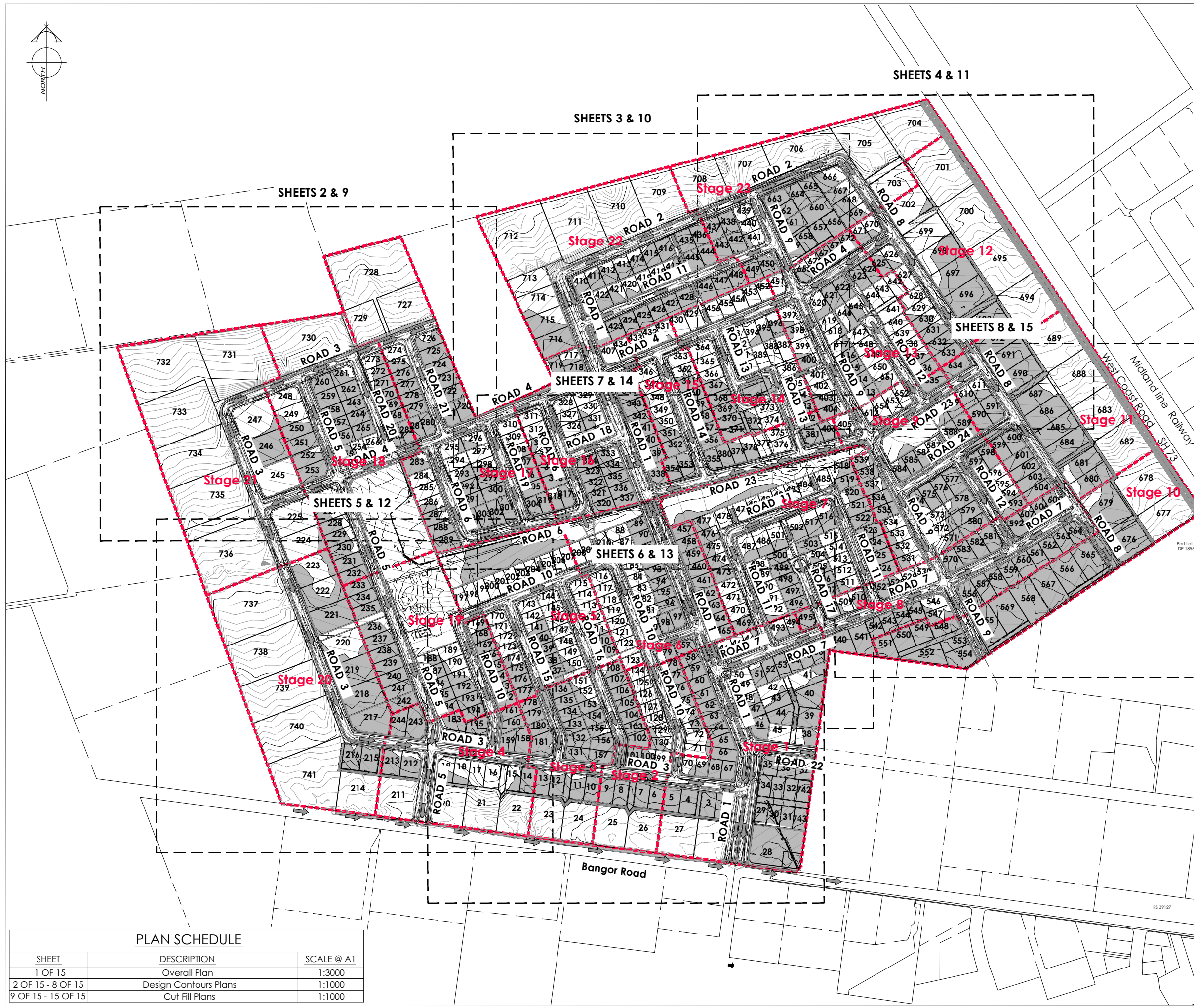
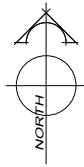




AMENDMENTS :		
AMENDMENT	DATE	DESCRIPTION
R5	11/06/26	ROAD 1 & 8 AMENDED
R6	12/08/26	LOTS 31-37 BOUNDARIES UPDATED, LOTS 742 & 743 ADDED
NOTES :		
1) ALL WORKS IN ACCORDANCE WITH SDC CODE OF PRACTICE PARTS 1-11 STANDARDS, IF STANDARDS ARE UNSPECIFIED REFER TO CCC CSS PARTS 1-7.		
2) ALL PLANS ARE TO BE READ AND DISTRIBUTED AS A COMPLETE SET. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR CLARIFICATION		
3) ELECTRICITY & TELECOM SERVICES NOT SHOWN. REFER TO ELECTRICAL & COMMUNICATION PLANS FOR DUCT LOCATIONS.		
4) TRENCHING AND INSTALLATION OF POWER AND TELECOM SERVICES TO BE PROVIDED IN ACCORDANCE WITH SERVICE PROVIDERS PLANS AND SPECIFICATIONS.		
5) DESIGN CONTOUR INTERVAL: MAJOR 1.0m MINOR 0.1m.		
6) CUT FILL CONTOUR INTERVAL: MAJOR 1.0m MINOR 0.2m.		

LEGEND :	
	PROPOSED LOT LEVELS
	EXISTING LOT LEVELS
	DIRECTION OF FLOW
	ENGINEERING FILL
	ENGINEERING CUT
	EXISTING SERVICES
	PROPOSED SERVICES
	KERB
	CUT DOWN



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JOB TITLE:
Bangor Road, Darfield

SHEET TITLE:
Earthworks Concept Overall Plan

DRAWING STATUS:
For Concept Purposes

SCALE: 1:3000@A1
1:6000@A3

DATE: August 2026

CAD FILE: J:\21112\ENG\Concept\H21112 EW Concept Plans_R6.dwg

DRAWING No.: **H21112**

SHEET No.: 1 OF 15

REVISION: **R6**

PLAN SCHEDULE

SHEET	DESCRIPTION	SCALE @ A1
1 OF 15	Overall Plan	1:3000
2 OF 15 - 8 OF 15	Design Contours Plans	1:1000
9 OF 15 - 15 OF 15	Cut Fill Plans	1:1000



AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION
R4	6/06/26	BOUNDARIES & DESIGN CONTOURS UPDATED
R5	11/06/26	DESIGN CONTOURS UPDATED
R6	12/08/26	DESIGN CONTOURS UPDATED

NOTES :

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5) DESIGN CONTOUR INTERVAL: MAJOR 1.0m MINOR 0.1m.

LEGEND :

LEVELS

20.31

25.35

SEC. FLOW

PROPOSED LOT LEVELS

EXISTING LOT LEVELS

DIRECTION OF FLOW

EXISTING SERVICES

PROPOSED SERVICES

KERB

KERB

CUT DOWN

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SHEET TITLE:

Earthworks Concept Design Contours

DRAWING STATUS

For Concept Purposes

SCALE: 1:1000@A1

1:2000@A3

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SHEET No: 2 OF 15

REVISION: R6



Section 1
SO 438579

AMENDMENTS :		
AMENDMENT	DATE	DESCRIPTION
R4	6/06/26	BOUNDARIES & DESIGN CONTOURS UPDATED
R5	11/06/26	DESIGN CONTOURS UPDATED
R6	12/08/26	DESIGN CONTOURS UPDATED

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- 5) DESIGN CONTOUR INTERVAL: MAJOR 1.0m MINOR 0.1m.

LEGEND :

LEVELS

20.31 PROPOSED LOT LEVELS

25.35 EXISTING LOT LEVELS

SEC. FLOW DIRECTION OF FLOW

EXISTING SERVICES PROPOSED SERVICES

KERB KERB CUT DOWN

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CAD FILE: J:\21112\ENG\Concept\H21112 EW Concept Plans_R6.dwg DRAWN: DG

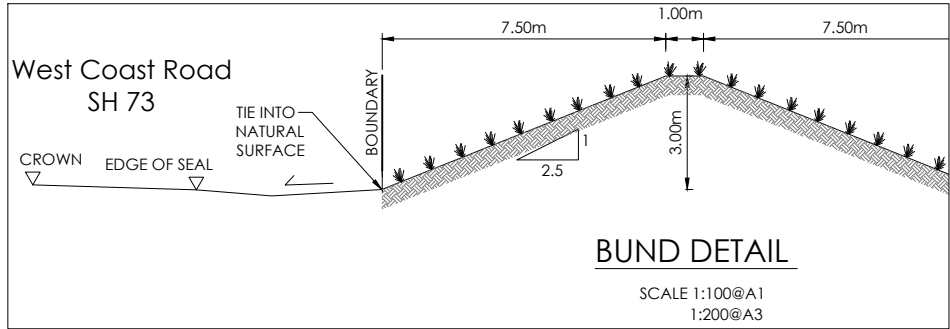
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AMENDMENTS :		
AMENDMENT	DATE	DESCRIPTION
R4	6/06/26	BOUNDARIES & DESIGN CONTOURS UPDATED
R5	11/06/26	DESIGN CONTOURS UPDATED
R6	12/08/26	DESIGN CONTOURS UPDATED

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- 5) DESIGN CONTOUR INTERVAL: MAJOR 1.0m MINOR 0.1m.



LEGEND :

LEVELS

20.31 PROPOSED LOT LEVELS

25.35 EXISTING LOT LEVELS

SEC. FLOW DIRECTION OF FLOW

EXISTING SERVICES KERB

PROPOSED SERVICES KERB CUT DOWN

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Earthworks Concept Design Contours

DRAWING STATUS:
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SCALE: 1:1000@A1 1:2000@A3 DATE: August 2026

CAD FILE: J:\21112\ENG\Concept\H21112 EW Concept Plans_R6.dwg DRAWN: DG

DRAWING No.: H21112 SHEET No.: 4 OF 15 REVISION: R6



AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION
R4	6/06/26	BOUNDARIES & DESIGN CONTOURS UPDATED
R5	11/06/26	DESIGN CONTOURS UPDATED
R6	12/08/26	DESIGN CONTOURS UPDATED

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LEGEND :

LEVELS

20.31

PROPOSED LOT LEVELS

25.35

EXISTING LOT LEVELS

SEC. FLOW

DIRECTION OF FLOW

EXISTING SERVICES

KERB

PROPOSED SERVICES

KERB

CUT DOWN

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DRAWING STATUS

For Concept Purposes

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DRAWING No : H21112

SHEET No: 5 OF 15

REVISION : R6



AMENDMENTS :		
AMENDMENT	DATE	DESCRIPTION
R4	6/06/26	BOUNDARIES & DESIGN CONTOURS UPDATED
R5	11/06/26	DESIGN CONTOURS UPDATED
R6	12/08/26	DESIGN CONTOURS UPDATED

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- 5) DESIGN CONTOUR INTERVAL: MAJOR 1.0m MINOR 0.1m.

LEGEND :

LEVELS

20.31 PROPOSED LOT LEVELS

25.35 EXISTING LOT LEVELS

SEC. FLOW DIRECTION OF FLOW

EXISTING SERVICES KEROB

PROPOSED SERVICES KEROB CUT DOWN

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Earthworks Concept Design Contours

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DRAWING No : **H21112**

SHEET No: 6 OF 15

REVISION : **R6**



AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION
R4	6/06/26	BOUNDARIES & DESIGN CONTOURS UPDATED
R5	11/06/26	DESIGN CONTOURS UPDATED
R6	12/08/26	DESIGN CONTOURS UPDATED

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5) DESIGN CONTOUR INTERVAL: MAJOR 1.0m MINOR 0.1m.

LEGEND :

LEVELS

20.31

PROPOSED LOT LEVELS

25.35

EXISTING LOT LEVELS

SEC.FLOW

DIRECTION OF FLOW

EXISTING SERVICES

KERB

PROPOSED SERVICES

KERB

CUT DOWN

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SHEET TITLE:

Earthworks Concept
Design Contours

DRAWING STATUS

For Concept Purposes

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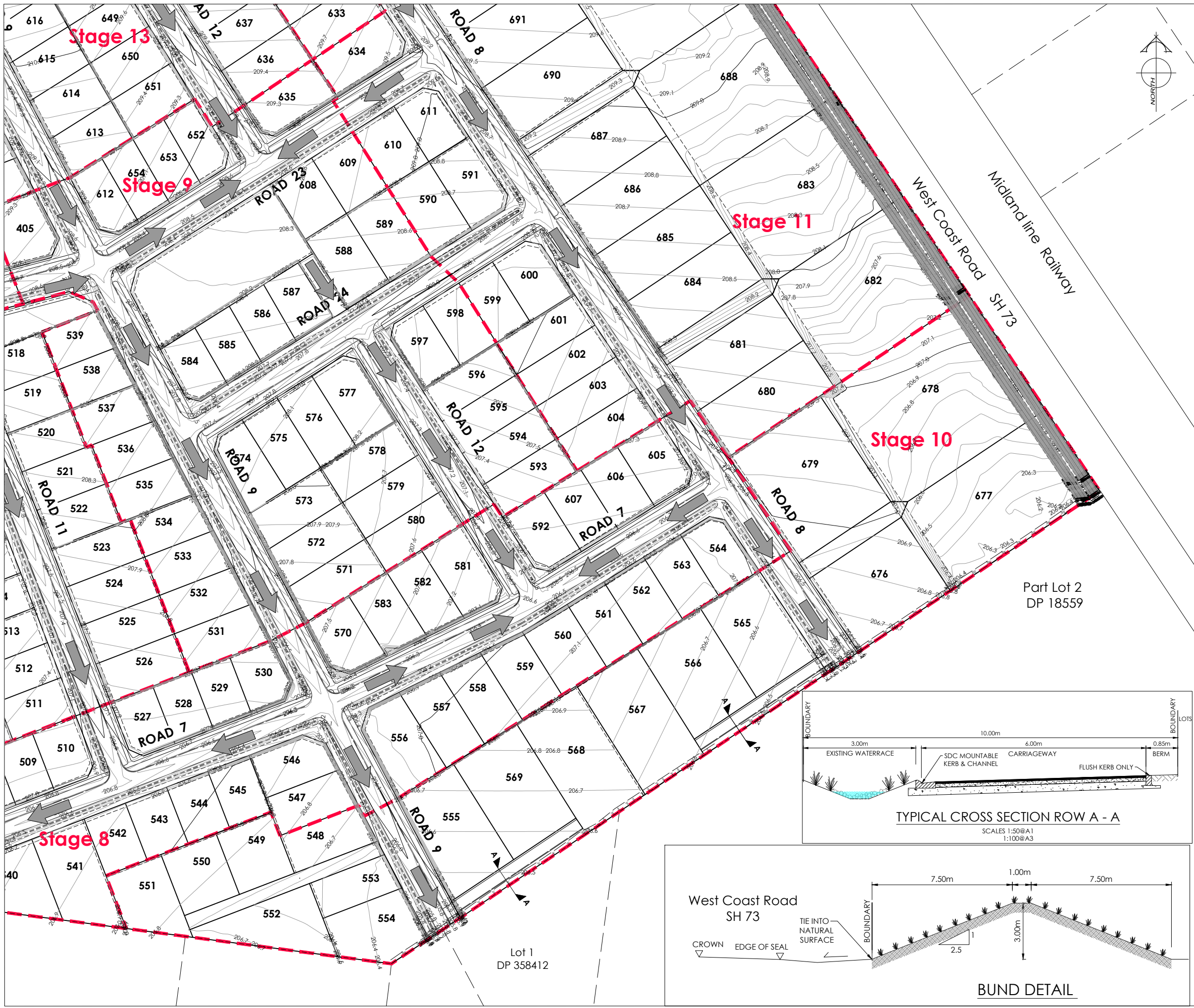
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DRAWING No: SHEET No: REVISION:

H21112 7 OF 15 R6



AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION
R4	6/06/26	BOUNDARIES & DESIGN CONTOURS UPDATED
R5	11/06/26	DESIGN CONTOURS UPDATED & CROSS SECTION DETAIL ADDED
R6	12/08/26	DESIGN CONTOURS UPDATED

NOTES :

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5) DESIGN CONTOUR INTERVAL: MAJOR 1.0m MINOR 0.1m.

LEGEND :

LEVELS

20.31

25.35

SEC. FLOW

PROPOSED LOT LEVELS

EXISTING LOT LEVELS

DIRECTION OF FLOW

EXISTING SERVICES

PROPOSED SERVICES

KERB

KERB

CUT DOWN

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Earthworks Concept Design Contours

DRAWING STATUS

For Concept Purposes

SCALE :

1:1000@A1

1:2000@A3

DATE :

August 2026

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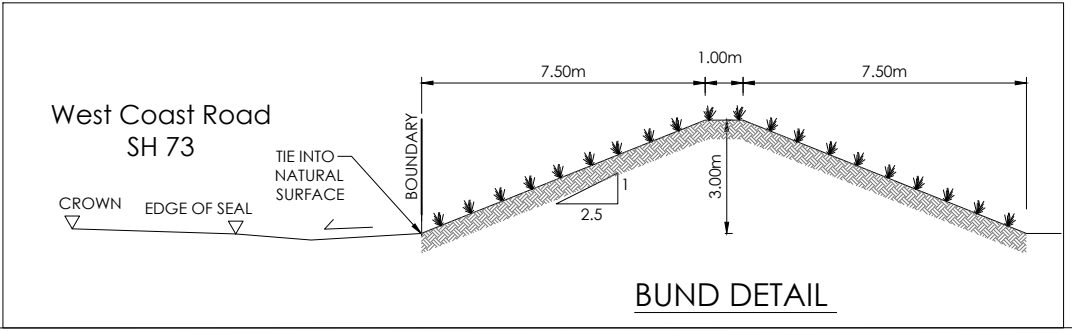
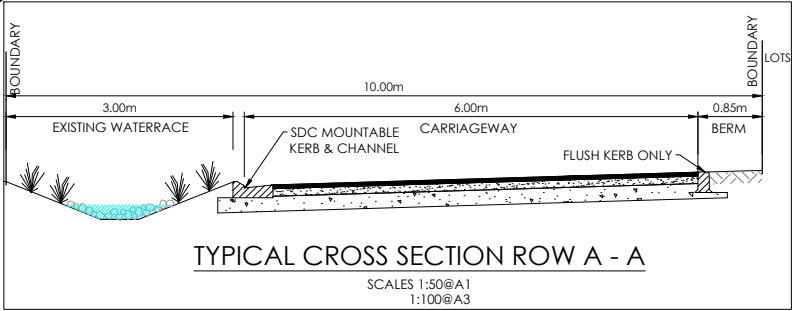
H21112

SHEET No :

8 OF 15

REVISION :

R6





AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION
R4	6/06/26	BOUNDARIES & CUT FILL CONTOURS UPDATED
R5	11/06/26	CUT FILL CONTOURS UPDATED
R6	12/08/26	CUT FILL CONTOURS UPDATED

NOTES :

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5) CUT FILL CONTOUR INTERVAL: MAJOR 1.0m MINOR 0.2m.

LEGEND :

LEVELS

20.31

25.35

SEC. FLOW

PROPOSED LOT LEVELS

EXISTING LOT LEVELS

DIRECTION OF FLOW

ENGINEERING FILL

ENGINEERING CUT

EXISTING SERVICES

PROPOSED SERVICES

KERB

CUT DOWN

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Earthworks Concept
Cut Fill Plan

DRAWING STATUS

For Concept Purposes

SCALE :

1:1000@A1
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August 2026

CAD FILE :

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DRAWN :

DG

DRAWING No :

H21112

SHEET No:

9 OF 15

REVISION :

R6



AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION
R4	6/06/26	BOUNDARIES & CUT FILL CONTOURS UPDATED
R5	11/06/26	CUT FILL CONTOURS UPDATED
R6	12/08/26	CUT FILL CONTOURS UPDATED

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LEGEND :

LEVELS

20.31

25.35

SEC. FLOW

PROPOSED LOT LEVELS

EXISTING LOT LEVELS

DIRECTION OF FLOW

ENGINEERING FILL

ENGINEERING CUT

EXISTING SERVICES

PROPOSED SERVICES

KERB

KERB

CUT DOWN

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Cut Fill Plan

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1:2000@A3

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DRAWING No : SHEET No: REVISION :

H21112 10 OF 15 R6



AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION
R4	6/06/26	BOUNDARIES & CUT FILL CONTOURS UPDATED
R5	11/06/26	CUT FILL CONTOURS UPDATED
R6	12/08/26	CUT FILL CONTOURS UPDATED

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5) CUT FILL CONTOUR INTERVAL: MAJOR 1.0m MINOR 0.2m.

LEGEND :

LEVELS

20.31

PROPOSED LOT LEVELS

25.35

EXISTING LOT LEVELS

SEC. FLOW

DIRECTION OF FLOW

ENGINEERING FILL

ENGINEERING CUT

EXISTING SERVICES

KERB

PROPOSED SERVICES

KERB CUT DOWN

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DRAWING No: H21112

SHEET No: 11 OF 15

REVISION: R6



AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION
R4	6/06/26	BOUNDARIES & CUT FILL CONTOURS UPDATED
R5	11/06/26	CUT FILL CONTOURS UPDATED
R6	12/08/26	CUT FILL CONTOURS UPDATED

NOTES :

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LEGEND :

LEVELS

20.31

25.35

SEC. FLOW

PROPOSED LOT LEVELS

EXISTING LOT LEVELS

DIRECTION OF FLOW

ENGINEERING FILL

ENGINEERING CUT

EXISTING SERVICES

PROPOSED SERVICES

KERB

KERB

CUT DOWN

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SHEET No: 12 OF 15

REVISION: R6



AMENDMENTS:

AMENDMENT	DATE	DESCRIPTION
R4	6/06/26	BOUNDARIES & CUT FILL CONTOURS UPDATED
R5	11/06/26	CUT FILL CONTOURS UPDATED
R6	12/08/26	CUT FILL CONTOURS UPDATED

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5) CUT FILL CONTOUR INTERVAL: MAJOR 1.0m MINOR 0.2m.

LEGEND:

LEVELS

20.31

25.35

SEC. FLOW

ENGINEERING FILL

ENGINEERING CUT

EXISTING SERVICES

PROPOSED SERVICES

KERB

KERB

CUT DOWN

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DRAWING No: H21112

SHEET No: 13 OF 15

REVISION: R6



AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION
R4	6/06/26	BOUNDARIES & CUT FILL CONTOURS UPDATED
R5	11/06/26	CUT FILL CONTOURS UPDATED
R6	12/08/26	CUT FILL CONTOURS UPDATED

NOTES :

1) ALL WORKS IN ACCORDANCE WITH SDC CODE OF PRACTICE PARTS 1-11 STANDARDS. IF STANDARDS ARE UNSPECIFIED REFER TO CCC CSS PARTS 1-7.

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4) TRENCHING AND INSTALLATION OF POWER AND TELECOM SERVICES TO BE PROVIDED IN ACCORDANCE WITH SERVICE PROVIDERS PLANS AND SPECIFICATIONS.

5) CUT FILL CONTOUR INTERVAL: MAJOR 1.0m MINOR 0.2m.

LEGEND :

L.E.V.E.L.S

20.31

25.35

PROPOSED LOT LEVELS

EXISTING LOT LEVELS

SEC. FLOW

DIRECTION OF FLOW

ENGINEERING FILL

ENGINEERING CUT

EXISTING SERVICES

PROPOSED SERVICES

KERB

KERB

CUT DOWN

DAVE LOVELL-SMITH

PLANNING SURVEYING ENGINEERING

116 Wrights Road

P O Box 679 Christchurch 8140. New Zealand

Telephone: 03 379-0793 Website: www.dls.co.nz E-mail: office@dls.co.nz

JOB TITLE:

Bangor Road, Darfield

SHEET TITLE:

Earthworks Concept
Cut Fill Plan

DRAWING STATUS

For Concept Purposes

SCALE: 1:1000@A1
1:2000@A3

DATE: August 2026

CAD FILE: J:\21112\ENG\Concept\H21112 EW Concept Plans_R6.dwg

DRAWN : DG

DRAWING No : H21112

SHEET No: 14 OF 15

REVISION: R6

Lot 1

DP 81020



AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION
R4	6/06/26	BOUNDARIES & CUT FILL CONTOURS UPDATED
R5	11/06/26	CUT FILL CONTOURS UPDATED
R6	12/08/26	CUT FILL CONTOURS UPDATED

NOTES :

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5) CUT FILL CONTOUR INTERVAL: MAJOR 1.0m MINOR 0.2m.

LEGEND :

LEVELS

20.31	PROPOSED LOT LEVELS
25.35	EXISTING LOT LEVELS
SEC. FLOW	DIRECTION OF FLOW
	ENGINEERING FILL
	ENGINEERING CUT

EXISTING SERVICES PROPOSED SERVICES

KERB KERB CUT DOWN


DAVE LOVELL-SMITH
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JOB TITLE:

Bangor Road, Darfield

SHEET TITLE:

**Earthworks Concept
Cut Fill Plan**

DRAWING STATUS

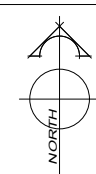
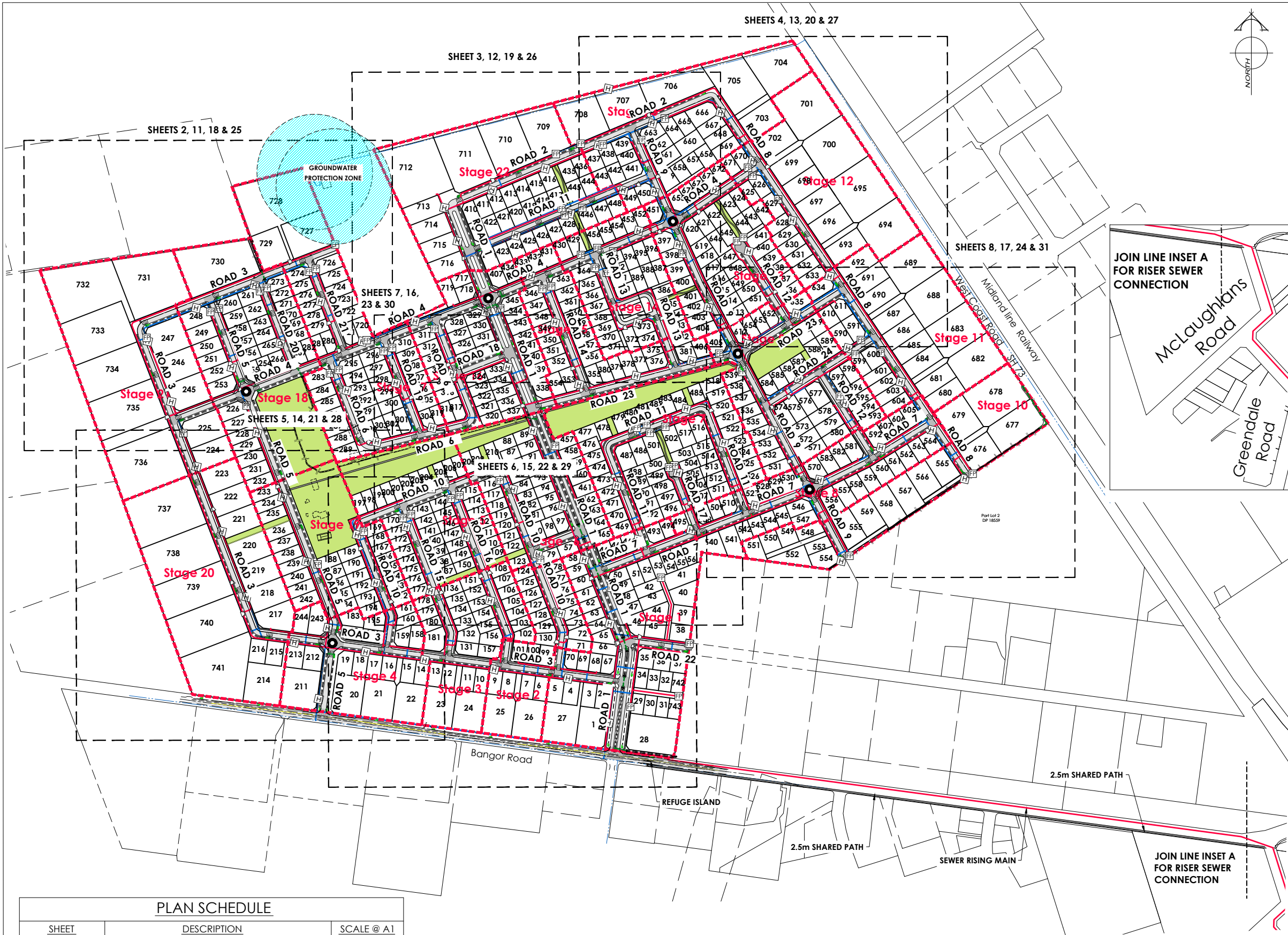
For Concept Purposes

SCALE: 1:1000@A1 DATE: August 2026
 1:2000@A3

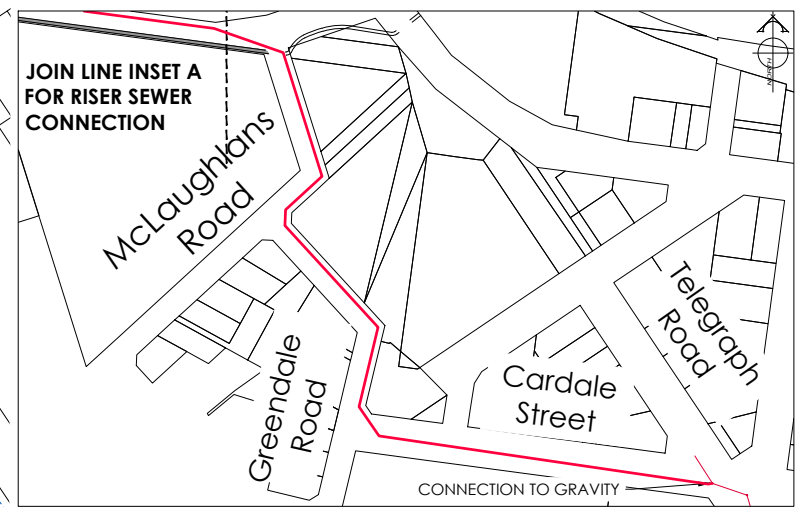
CAD FILE : J:\21112\ENG\Concept\H21112 EW Concept Plans_R6.dwg DRAWN : DG

DRAWING No : SHEET No: REVISION :

H21112 15 OF 15 **R6**



AMENDMENTS:		
AMENDMENT	DATE	DESCRIPTION
R6	3/07/26	ROUNDABOUTS ADDED
R7	12/08/26	LOTS 31-37 BOUNDARIES UPDATED, LOTS 742 & 743 ADDED
NOTES:		
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LEGEND:	
	CHIP SEAL
	AC SURFACING
	STORMWATER SWALE
	SOAKAGE PIT
	FLUSHING POINT
	REDUCER
	FH VALVE
	MH
	BEC
	KERB
	NEW FOOTPATH
	WATER
	STORMWATER
	PRESSURE SEWER
	CUT DOWN

DAVIE LOVELL-SMITH
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JOB TITLE:
Bangor Road, Darfield

SHEET TITLE:
Engineering Concept Overall Plan

DRAWING STATUS:
For Concept Purposes

SCALE: 1:3500@A1 1:7000@A3 DATE: August 2026

CAD FILE: J:\21112\ENG\Concept\H21112 Eng Concept Plans_R7.dwg DRAWN: DG

DRAWING No: **H21112** SHEET No: 1 OF 31 REVISION: **R7**

PLAN SCHEDULE		
SHEET	DESCRIPTION	SCALE @ A1
1 OF 31	Overall Plan	1:3500
2 OF 31 - 8 OF 31	Roadway Plans	1:1000
9 & 10 OF 31	Roadway Cross Sections	As Shown
11 OF 31 - 17 OF 31	Stormwater Plans	1:1000
18 OF 31 - 24 OF 31	Water Plans	1:1000
25 OF 31 - 31 OF 31	Pressure Sewer Plans	1:1000



AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION
R5	11/06/26	ROADS 1 & 8 AMENDED
R6	3/07/26	ROUNDBABOUTS ADDED
R7	12/08/26	LOTS 31-37 BOUNDARIES UPDATED, LOTS 742 & 743 ADDED

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LEGEND :

CHIP SEAL

AC SURFACING

EXISTING SERVICES

KERB

NEW FOOTPATH

PROPOSED SERVICES

CUT DOWN



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JOB TITLE:
Bangor Road, Darfield

SHEET TITLE:
Engineering Concept
Roading Plan

DRAWING STATUS:
For Concept Purposes

SCALE: 1:1000@A1
1:2000@A3

DATE: August 2026

CAD FILE: J:\21112\ENG\Concept\H21112 Eng Concept Plans_R7.dwg

DRAWING No: H21112

SHEET No: 2 OF 31

REVISION: R7



AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION
R5	11/06/26	ROADS 1 & 8 AMENDED
R6	3/07/26	ROUNDABOUTS ADDED
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LEGEND :

CHIP SEAL

AC SURFACING

NEW FOOTPATH

EXISTING SERVICES

PROPOSED SERVICES

CUT DOWN

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JOB TITLE:

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SHEET TITLE:

Engineering Concept
Roading Plan

DRAWING STATUS

For Concept Purposes

SCALE :

1:1000@A1

1:2000@A3

DATE :

August 2026

CAD FILE :

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DRAWING No :

H21112

SHEET No:

3 OF 31

REVISION :

R7



AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION
R5	11/06/26	ROADS 1 & 8 AMENDED
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LEGEND :

CHIP SEAL

AC SURFACING

EXISTING SERVICES

KERB

NEW FOOTPATH

PROPOSED SERVICES

CUT DOWN

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SHEET TITLE:

Engineering Concept
Roading Plan

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DRAWING No: H21112

SHEET No: 4 OF 31

REVISION: R7



AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION
R5	11/06/26	ROADS 1 & 8 AMENDED
R6	3/07/26	ROUNDBABOUTS ADDED
R7	12/08/26	LOTS 31-37 BOUNDARIES UPDATED, LOTS 742 & 743 ADDED

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LEGEND :

CHIP SEAL

AC SURFACING

NEW FOOTPATH

EXISTING SERVICES

PROPOSED SERVICES

CUT DOWN

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JOB TITLE:

Bangor Road, Darfield

SHEET TITLE:

Engineering Concept
Roading Plan

DRAWING STATUS

For Concept Purposes

SCALE: 1:1000@A1
1:2000@A3

DATE: August 2026

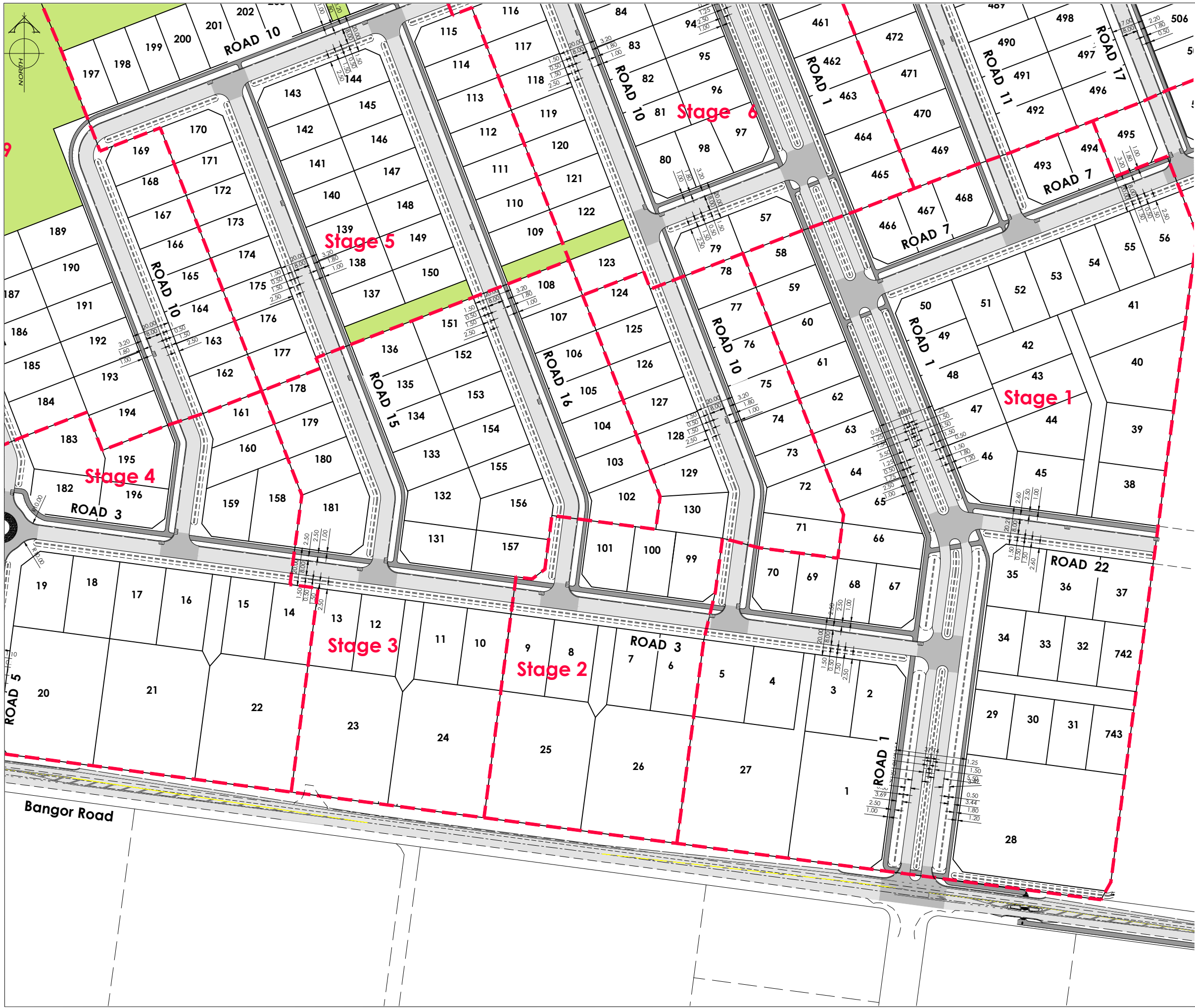
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DRAWN: DG

DRAWING No: H21112

SHEET No: 5 OF 31

REVISION: R7



AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION
R5	11/06/26	ROADS 1 & 8 AMENDED
R6	3/07/26	ROUNDABOUTS ADDED
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LEGEND :

CHIP SEAL

AC SURFACING

EXISTING SERVICES

KERB

NEW FOOTPATH

PROPOSED SERVICES

KERB

CUT DOWN



DAVE LOVELL-SMITH

PLANNING SURVEYING ENGINEERING

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JOB TITLE:
Bangor Road, Darfield

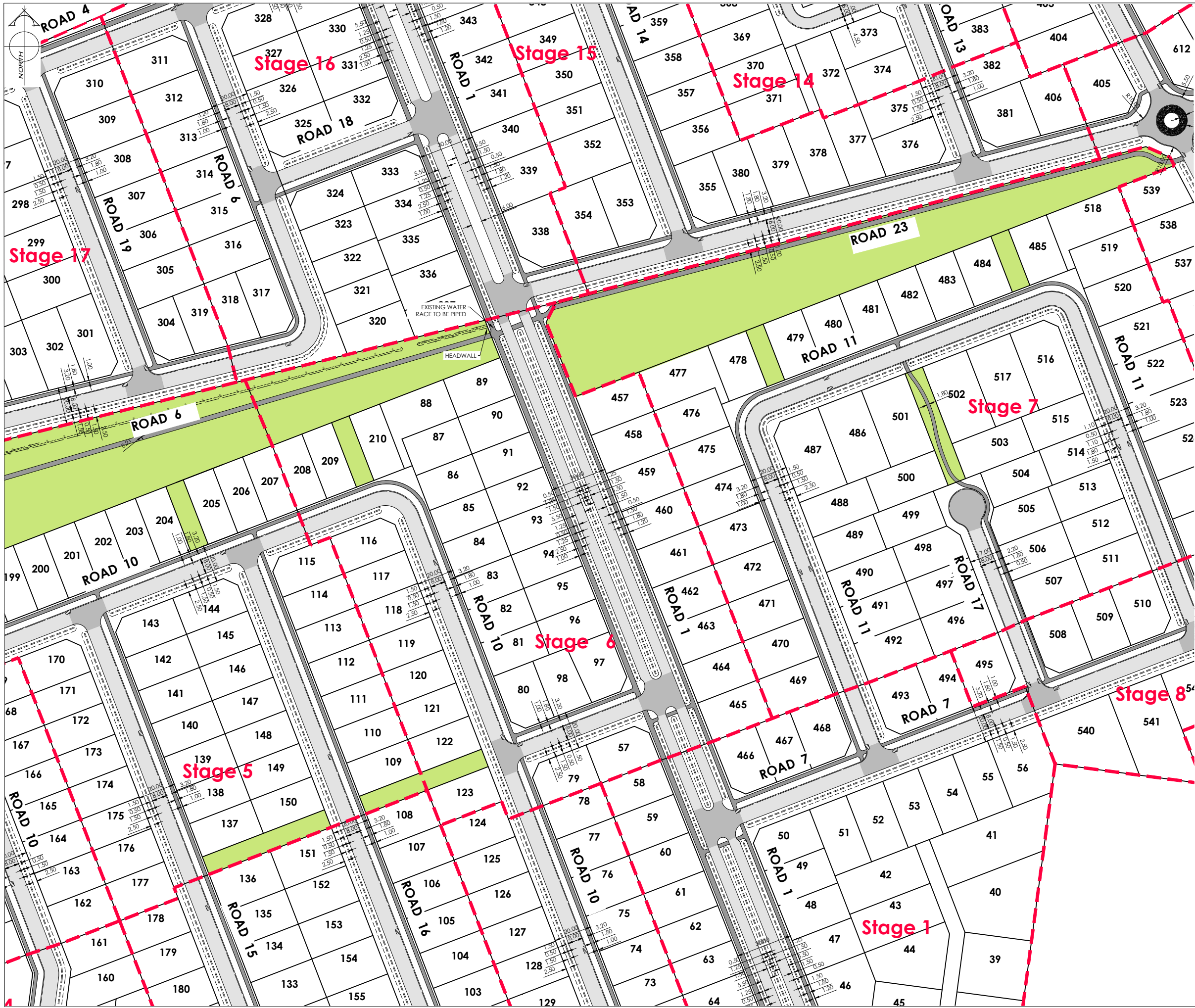
SHEET TITLE:
**Engineering Concept
Roading Plan**

DRAWING STATUS
For Concept Purposes

SCALE: 1:1000@A1
1:2000@A3
DATE: August 2026

CAD FILE : J:\21112\ENG\Concept\H21112 Eng Concept Plans_R7.dwg
DRAWING No :
SHEET No:
REVISION:

H21112
6 OF 31
R7



AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION
R5	11/06/26	ROADS 1 & 8 AMENDED
R6	3/07/26	ROUNDABOUTS ADDED
R7	12/08/26	LOTS 31-37 BOUNDARIES UPDATED, LOTS 742 & 743 ADDED

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LEGEND :

CHIP SEAL

AC SURFACING

EXISTING SERVICES

KERB

NEW FOOTPATH

PROPOSED SERVICES

KERB

CUT DOWN

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JOB TITLE:
Bangor Road, Darfield

SHEET TITLE:
**Engineering Concept
Roading Plan**

DRAWING STATUS:
For Concept Purposes

SCALE: 1:1000@A1
1:2000@A3 DATE: August 2026

CAD FILE: J:\21112\ENG\Concept\H21112 Eng Concept Plans_R7.dwg DRAWN: DG

DRAWING No: **H21112** SHEET No: 7 OF 31 REVISION: **R7**



AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION
R5	11/06/26	ROADS 1 & 8 AMENDED
R6	3/07/26	ROUNDABOUTS ADDED
R7	12/08/26	LOTS 31-37 BOUNDARIES UPDATED, LOTS 742 & 743 ADDED

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LEGEND :

CHIP SEAL

AC SURFACING

NEW FOOTPATH

EXISTING SERVICES

PROPOSED SERVICES

KERB

CUT DOWN

DAVE LOVELL-SMITH

PLANNING SURVEYING ENGINEERING

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Telephone: 03 379-0793 Website: www.dls.co.nz E-mail: office@dls.co.nz

JOB TITLE:

Bangor Road, Darfield

SHEET TITLE:

Engineering Concept Rooding Plan

DRAWING STATUS

For Concept Purposes

SCALE: 1:1000@A1 1:2000@A3

DATE: August 2026

CAD FILE: J:\21112\ENG\Concept\H21112 Eng Concept Plans_R7.dwg

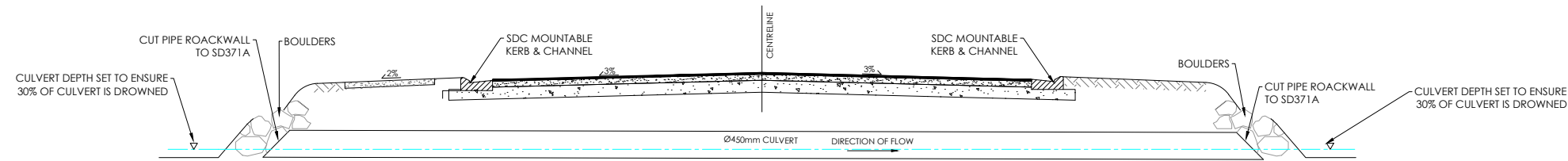
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DRAWING No: H21112

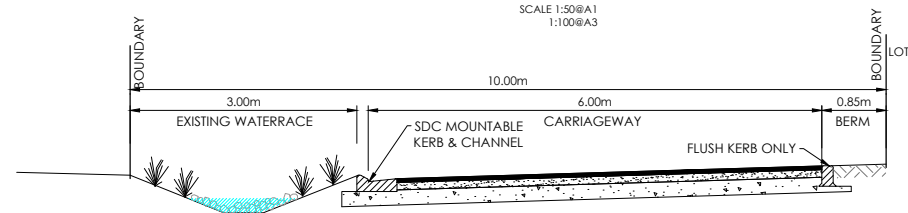
SHEET No: 8 OF 31

REVISION: R7

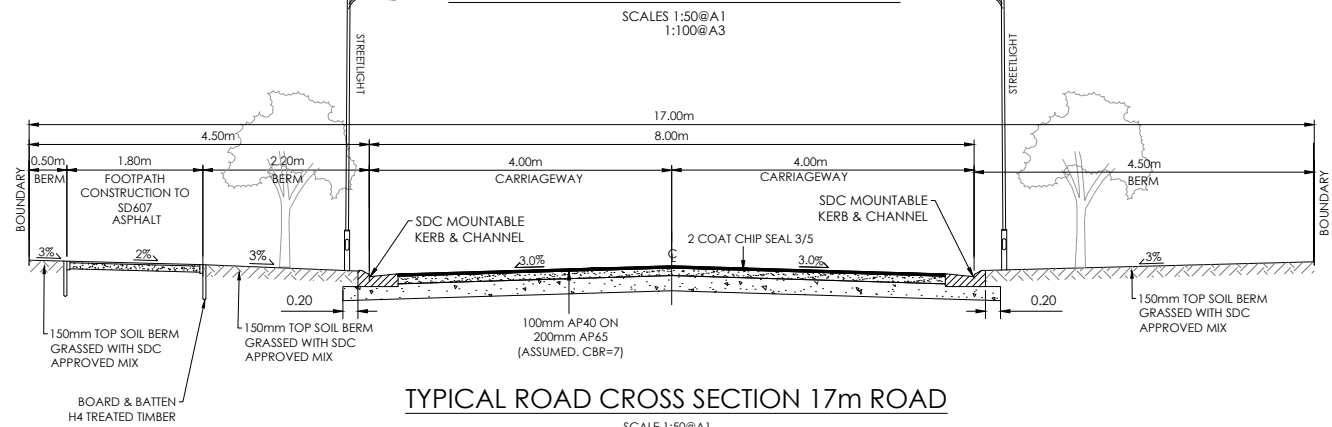
Part Lot 2
DP 18559



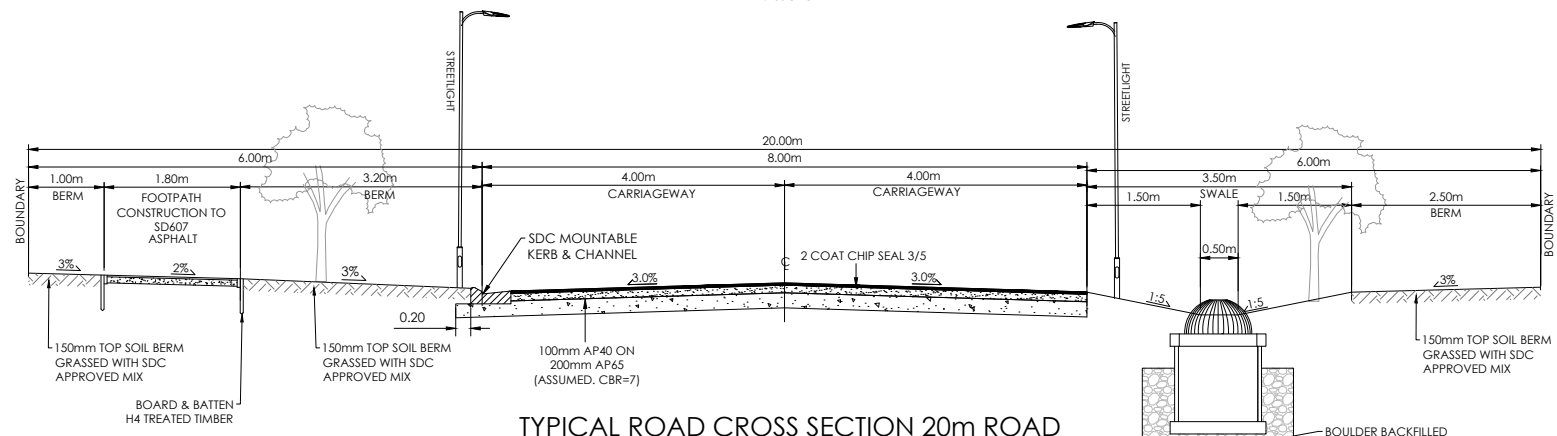
TYPICAL DETAIL FOR CULVERT CROSSING



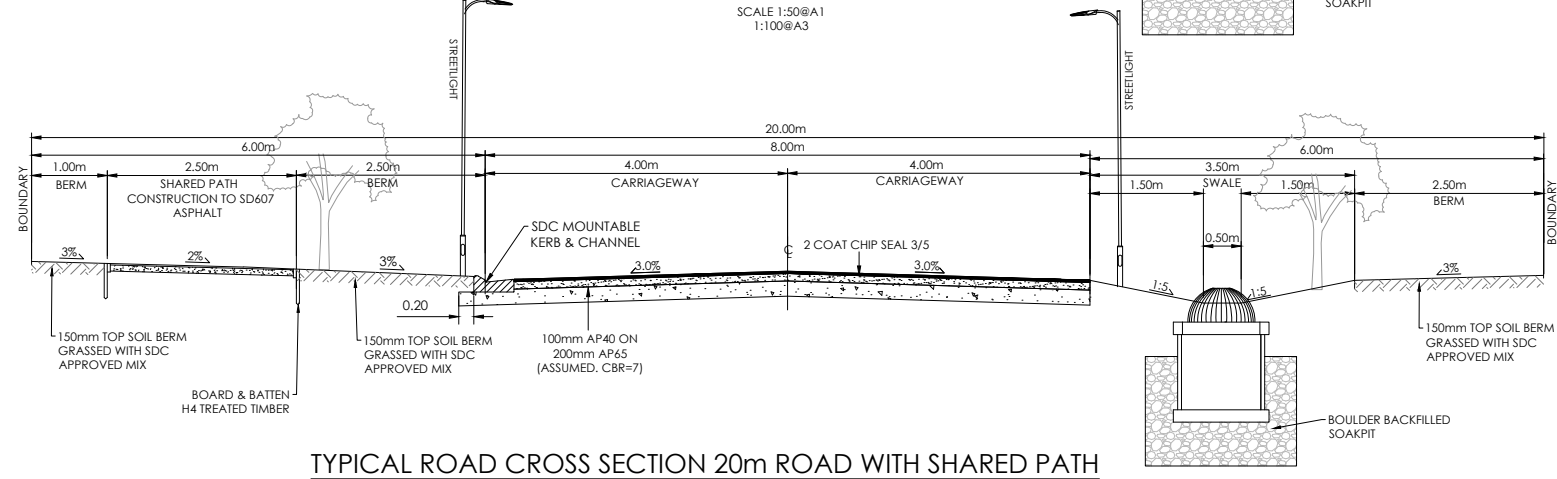
TYPICAL CROSS SECTION ROW A - A



TYPICAL ROAD CROSS SECTION 17m ROAD



TYPICAL ROAD CROSS SECTION 20m ROAD



TYPICAL ROAD CROSS SECTION 20m ROAD WITH SHARED PATH

AMENDMENTS :		
AMENDMENT	DATE	DESCRIPTION
R5	11/06/26	ROW A - A CROSS SECTION ADDED
R6	3/07/26	CULVERT DETAIL ADDED
R7	12/08/26	NO CHANGE THIS SHEET
NOTES :		
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 DAVE LOVELL-SMITH PLANNING SURVEYING ENGINEERING		
116 Wrights Road P O Box 679 Christchurch 8140. New Zealand Telephone: 03 379-0793 Website: www.dls.co.nz E-mail: office@dls.co.nz		
JOB TITLE:		
Bangor Road, Darfield		
SHEET TITLE:		
Engineering Concept Rooding Cross Sections		
DRAWING STATUS:		
For Concept Purposes		
SCALE: As Shown		DATE: August 2026
CAD FILE : J:\21112\ENG\Concept\H21112 Eng Concept Plans_R7.dwg		
DRAWING No :	SHEET No:	REVISION :
H21112	9 OF 31	R7

AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION
R5	11/06/26	ROW A - A CROSS SECTION ADDED
R6	3/07/26	NO CHANGE THIS SHEET
R7	12/08/26	NO CHANGE THIS SHEET

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JOB TITLE:

Bangor Road, Darfield

SHEET TITLE:

Engineering Concept
Roading Cross Sections

DRAWING STATUS

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SCALE : As Shown

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CAD FILE : J:\21112\ENG\Concept\H21112 Eng Concept Plans\R7.dwg

DRAWN : DG

DRAWING No : H21112

SHEET No: 10 OF 31

REVISION : R7

TYPICAL ROAD CROSS SECTION 26m ROAD
SCALE 1:50@A1
1:100@A3

TYPICAL ROAD CROSS SECTION 30m ROAD WITH WATER RACE
SCALE 1:50@A1
1:100@A3

TYPICAL ROAD CROSS SECTION 37.74m ROAD WITH WATER RACE
SCALE 1:50@A1
1:100@A3

TYPICAL CROSS SECTION BANGOR ROAD
SCALE 1:50@A1
1:100@A3



AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION
R5	11/06/26	SEWER PUMP LOCATION UPDATED
R6	3/07/26	SW LAYOUT AT ROUNDABOUTS UPDATED
R7	12/08/26	LOTS 31-37 BOUNDARIES UPDATED, LOTS 742 & 743 ADDED

NOTES :

1) ALL WORKS IN ACCORDANCE WITH SDC CODE OF PRACTICE PARTS 1-11 STANDARDS, IF STANDARDS ARE UNSPECIFIED REFER TO CCC CSS PARTS 1-7.

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LEGEND :

STORMWATER SWALE

SOAKAGE PIT

EXISTING SERVICES

STORMWATER

KERB

PROPOSED SERVICES

STORMWATER

KERB

CUT DOWN

DAVE LOVELL-SMITH

PLANNING SURVEYING ENGINEERING

116 Wrights Road

P O Box 679 Christchurch 8140. New Zealand

Telephone: 03 379-0793 Website: www.dls.co.nz E-mail: office@dls.co.nz

JOB TITLE:

Bangor Road, Darfield

SHEET TITLE:

Engineering Concept Stormwater Plan

DRAWING STATUS

For Concept Purposes

SCALE: 1:1000@A1 1:2000@A3

DATE: August 2026

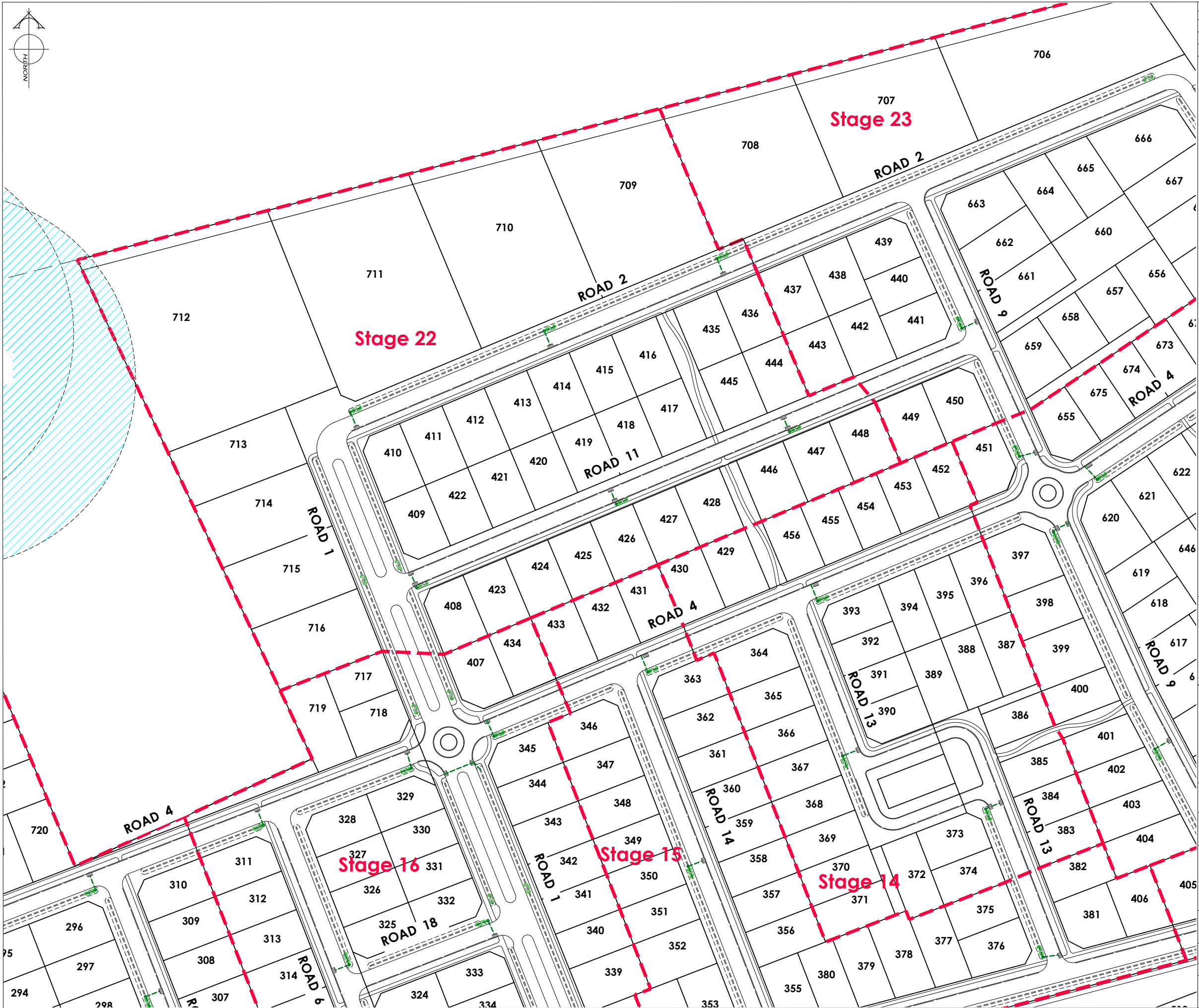
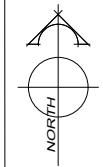
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DRAWN : DG

DRAWING No : H21112

SHEET No: 11 OF 31

REVISION: R7



AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION
R5	11/06/26	SEWER PUMP LOCATION UPDATED
R6	3/07/26	SW LAYOUT AT ROUNDABOUTS UPDATED
R7	12/08/26	LOTS 31-37 BOUNDARIES UPDATED, LOTS 742 & 743 ADDED

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LEGEND :

STORMWATER SWALE

SOAKAGE PIT

EXISTING SERVICES

STORMWATER

KERB

PROPOSED SERVICES

STORMWATER

KERB

CUT DOWN

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SCALE: 1:1000@A1
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DATE: August 2026

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DRAWN : DG

DRAWING No: H21112

SHEET No: 12 OF 31

REVISION: R7



AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION
R5	11/06/26	SEWER PUMP LOCATION UPDATED
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LEGEND :

STORMWATER SWALE

SOAKAGE PIT

EXISTING SERVICES

STORMWATER

KERB

MH

PROPOSED SERVICES

STORMWATER

KERB

CUT DOWN

MH

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SHEET TITLE:

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Stormwater Plan

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SCALE :

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DATE :

August 2026

CAD FILE :

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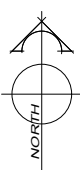
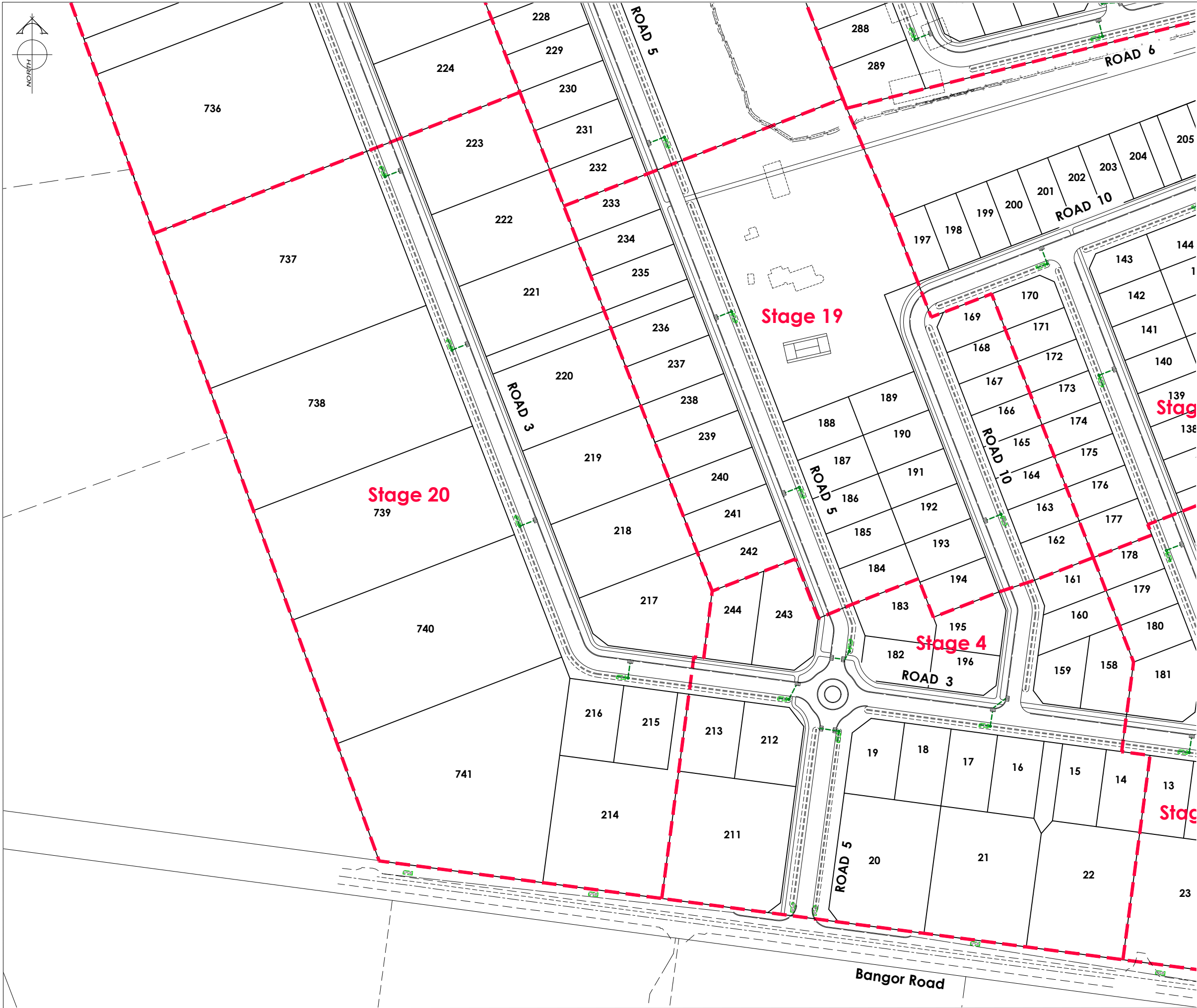
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SHEET No:

13 OF 31

REVISION :

R7



AMENDMENTS :

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LEGEND :

STORMWATER SWALE

SOAKAGE PIT

EXISTING SERVICES

STORMWATER

KERB

PROPOSED SERVICES

STORMWATER

KERB

CUT DOWN

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SHEET No: 14 OF 31

REVISION : R7



AMENDMENTS :

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LEGEND :

STORMWATER SWALE

SOAKAGE PIT

EXISTING SERVICES

STORMWATER

KERB

PROPOSED SERVICES

STORMWATER

KERB

CUT DOWN

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Stormwater Plan

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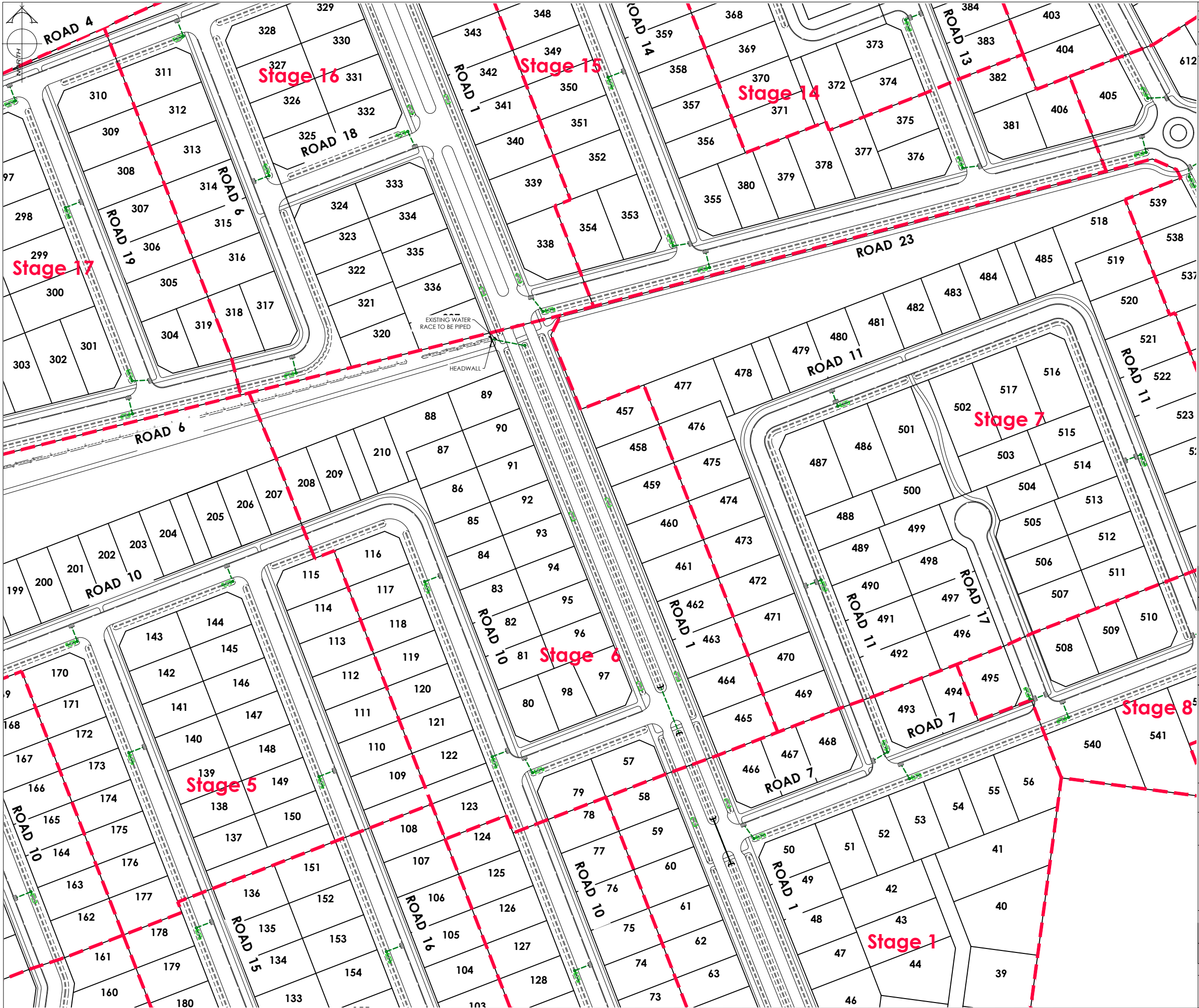
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SHEET No :

15 OF 31

REVISION :

R7



AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION
R5	11/06/26	SEWER PUMP LOCATION UPDATED
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LEGEND :

STORMWATER SWALE

SOAKAGE PIT

EXISTING SERVICES

STORMWATER

KERB

MH

MH

CUT DOWN

PROPOSED SERVICES

STORMWATER

KERB

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DATE: August 2026

CAD FILE: J:\21112\ENG\Concept\H21112 Eng Concept Plans_R7.dwg

DRAWN: DG

DRAWING No: H21112

SHEET No: 16 OF 31

REVISION: R7



AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION
R5	11/06/26	SEWER PUMP LOCATION UPDATED
R6	3/07/26	SW LAYOUT AT ROUNDABOUTS UPDATED
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LEGEND :

STORMWATER SWALE

SOAKAGE PIT

EXISTING SERVICES

STORMWATER

KERB

PROPOSED SERVICES

STORMWATER

KERB

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JOB TITLE:

Bangor Road, Darfield

SHEET TITLE:

Engineering Concept Stormwater Plan

DRAWING STATUS

For Concept Purposes

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DATE : August 2026

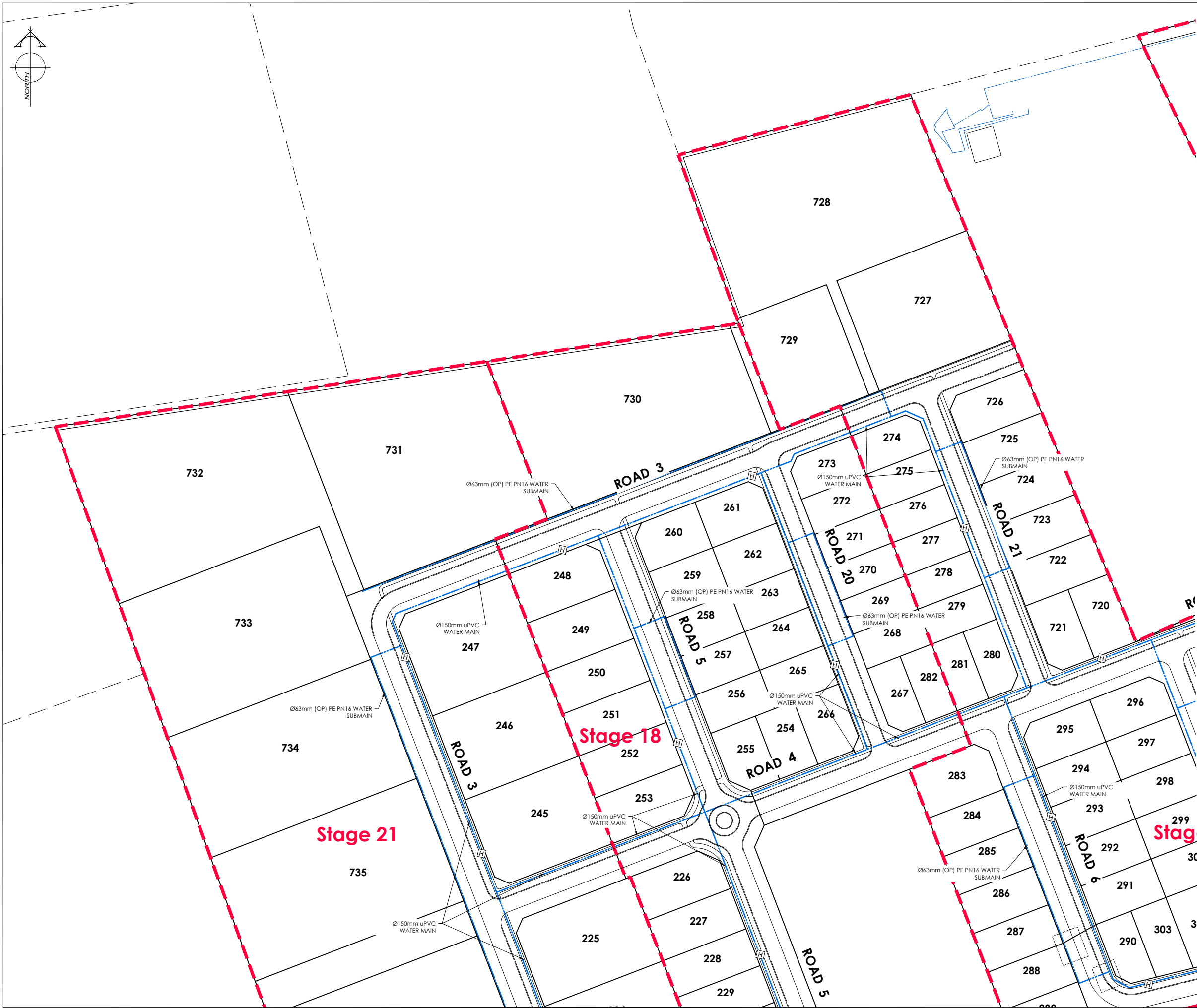
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DRAWN : DG

DRAWING No : H21112

SHEET No : 17 OF 31

REVISION : R7



AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION
R5	11/06/26	ROADS 1 & 8 AMENDED
R6	3/07/26	NO CHANGE THIS SHEET
R7	12/08/26	LOTS 31-37 BOUNDARIES UPDATED, LOTS 742 & 743 ADDED

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LEGEND :

EXISTING SERVICES

PROPOSED SERVICES

WATER

Ø150mm uPVC WATER MAIN

Ø63mm (OP) PE PN16 WATER SUBMAIN

KERB

WATER

Ø150mm uPVC WATER MAIN

Ø63mm (OP) PE PN16 WATER SUBMAIN

KERB

CUT DOWN

DAVE LOVELL-SMITH

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JOB TITLE:

Bangor Road, Darfield

SHEET TITLE:

Engineering Concept Water Plan

DRAWING STATUS

For Concept Purposes

SCALE :

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1:2000@A3

DATE :

August 2026

CAD FILE :

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DRAWN :

DG

DRAWING No :

H21112

SHEET No:

18 OF 31

REVISION :

R7



AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION
R5	11/06/26	ROADS 1 & 8 AMENDED
R6	3/07/26	NO CHANGE THIS SHEET
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LEGEND :

EXISTING SERVICES

WATER

FH VALVE

KERB

PROPOSED SERVICES

WATER

FH VALVE METER

KERB

CUT DOWN

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JOB TITLE:

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SCALE: 1:1000@A1 1:2000@A3

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DRAWN: DG

DRAWING No: H21112

SHEET No: 19 OF 31

REVISION: R7



AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION
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LEGEND :

EXISTING SERVICES

PROPOSED SERVICES

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Ø150mm uPVC WATER MAIN

Ø63mm (OP) PE PN16 WATER SUBMAIN

KERB

FH VALVE METER

CUT DOWN

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JOB TITLE:

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Engineering Concept Water Plan

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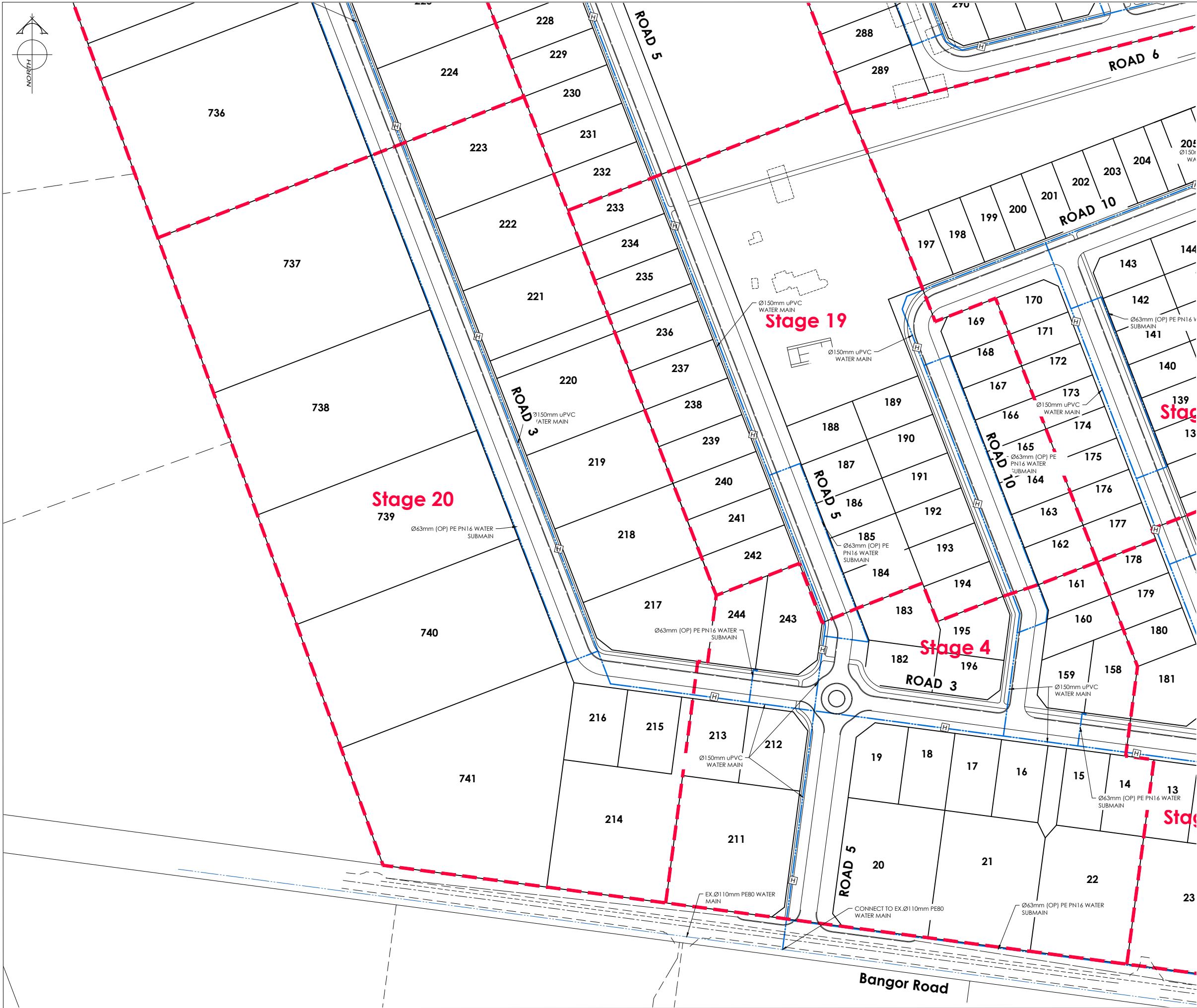
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DRAWN : DG

DRAWING No : H21112

SHEET No: 20 OF 31

REVISION : R7



AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION
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LEGEND :

EXISTING SERVICES

WATER VALVE

KERB

PROPOSED SERVICES

WATER VALVE METER

KERB CUT DOWN

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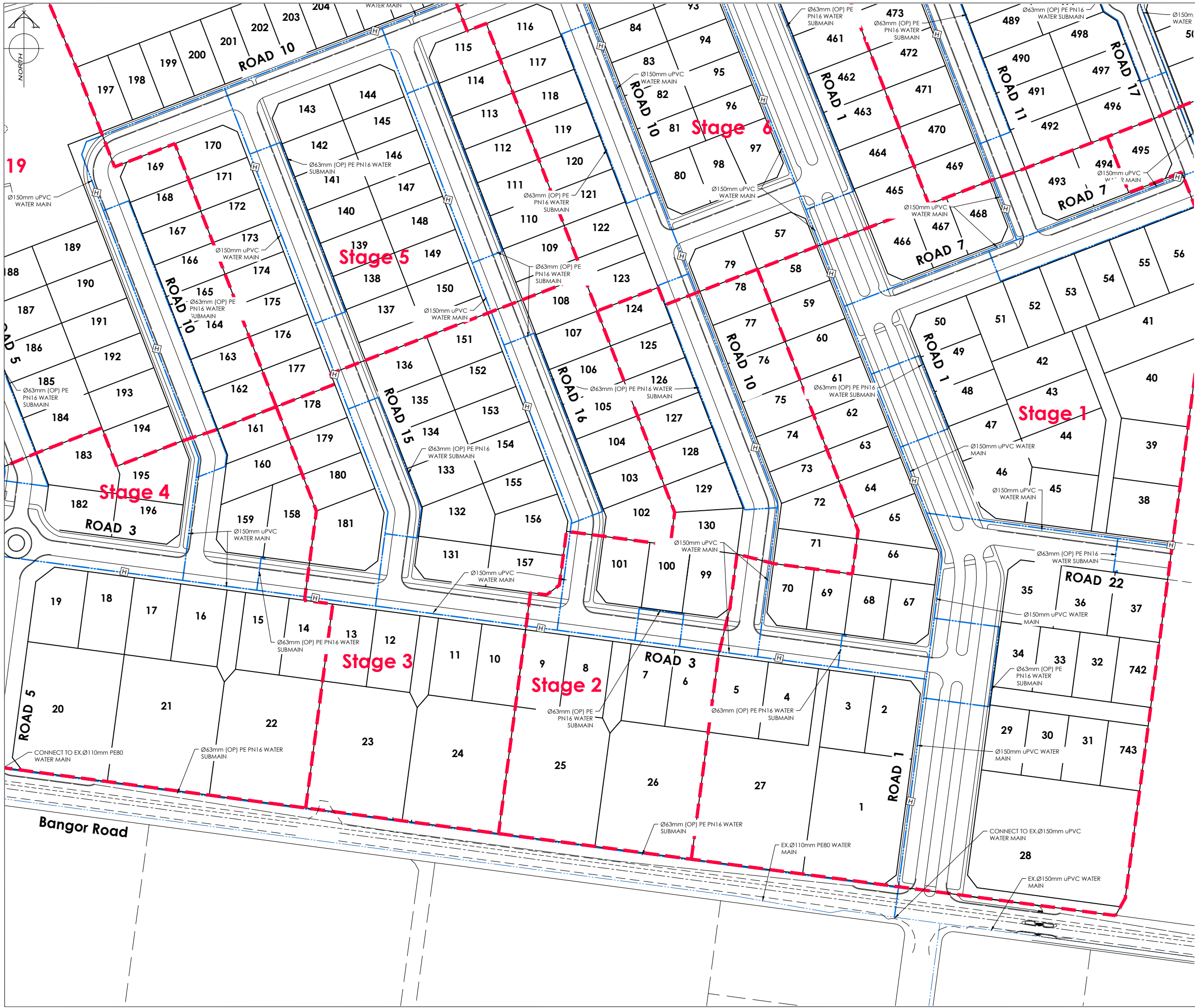
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DRAWING No : H21112

SHEET No: 21 OF 31

REVISION: R7



AMENDMENTS :

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KERB

PROPOSED SERVICES

WATER VALVE METER

KERB CUT DOWN

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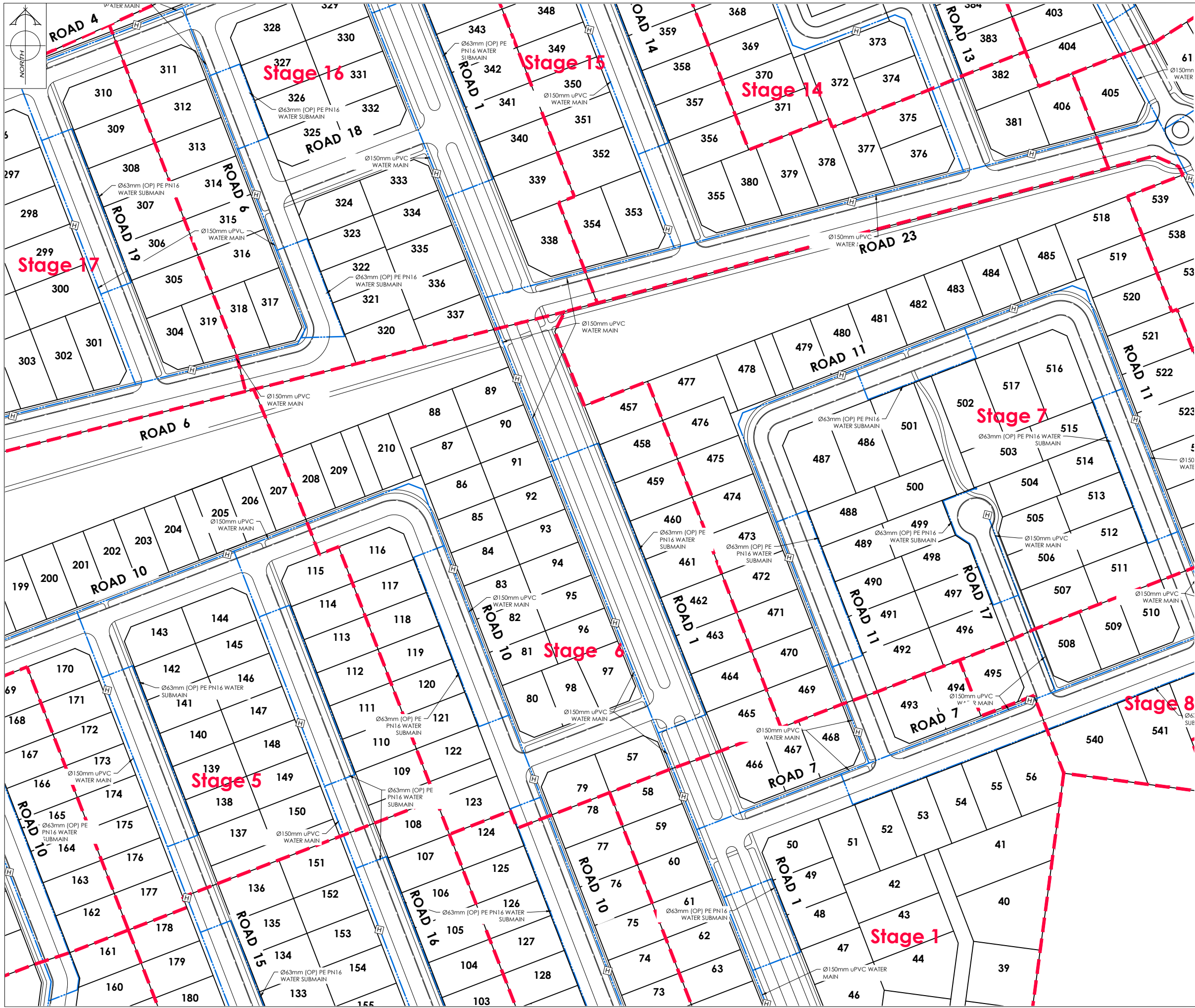
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DRAWING No : H21112

SHEET No: 22 OF 31

REVISION : R7



AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION
R5	11/06/26	ROADS 1 & 8 AMENDED
R6	3/07/26	NO CHANGE THIS SHEET
R7	12/08/26	LOTS 31-37 BOUNDARIES UPDATED, LOTS 742 & 743 ADDED

NOTES :

1) ALL WORKS IN ACCORDANCE WITH SDC CODE OF PRACTICE PARTS 1-11 STANDARDS. IF STANDARDS ARE UNSPECIFIED REFER TO CCC CSS PARTS 1-7.

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5) EXISTING SERVICES HAVE BEEN DIGITISED FROM SERVICE AUTHORITY PLANS. COMPLETENESS AND ACCURACY ARE NOT GUARANTEED. ALL SERVICES TO BE FULLY SEARCHED AND PILOTTED PRIOR TO TRENCHING.

LEGEND :

EXISTING SERVICES

WATER VALVE

KERB

PROPOSED SERVICES

WATER VALVE METER

KERB CUT DOWN

DAVE LOVELL-SMITH

PLANNING SURVEYING ENGINEERING

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JOB TITLE:

Bangor Road, Darfield

SHEET TITLE:

Engineering Concept
Water Plan

DRAWING STATUS

For Concept Purposes

SCALE: 1:1000@A1
1:2000@A3

DATE: August 2026

CAD FILE: J:\21112\ENG\Concept\H21112 Eng Concept Plans_R7.dwg

DRAWN: DG

DRAWING No: H21112

SHEET No: 23 OF 31

REVISION: R7



AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION
R5	11/06/26	ROADS 1 & 8 AMENDED
R6	3/07/26	NO CHANGE THIS SHEET
R7	12/08/26	LOTS 31-37 BOUNDARIES UPDATED, LOTS 742 & 743 ADDED

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LEGEND :

EXISTING SERVICES

WATER

KERB

FH

VALVE

PROPOSED SERVICES

WATER

KERB

FH

VALVE

METER

CUT DOWN



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JOB TITLE:

Bangor Road, Darfield

SHEET TITLE:

Engineering Concept Water Plan

DRAWING STATUS

For Concept Purposes

SCALE: 1:1000@A1 1:2000@A3

DATE: August 2026

CAD FILE : J:\21112\ENG\Concept\H21112 Eng Concept Plans_R7.dwg

DRAWN : DG

DRAWING No : H21112

SHEET No: 24 OF 31

REVISION: R7

Part Lot 2

DP 18559



AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION
R5	11/06/26	ROADS 1 & 8 AMENDED
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R7	12/08/26	LOTS 31-37 BOUNDARIES UPDATED, LOTS 742 & 743 ADDED

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LEGEND :

FLUSHING POINT

REDUCER

EXISTING SERVICES

PROPOSED SERVICES

PRESSURE SEWER

PRESSURE SEWER

EXISTING SERVICES

PROPOSED SERVICES

KERB

KERB

CUT DOWN

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JOB TITLE:

Bangor Road, Darfield

SHEET TITLE:

Engineering Concept Pressure Sewer Plan

DRAWING STATUS

For Concept Purposes

SCALE :

1:1000@A1

1:2000@A3

DATE :

August 2026

CAD FILE :

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DRAWN :

DG

DRAWING No :

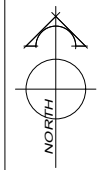
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SHEET No:

25 OF 31

REVISION :

R7



AMENDMENTS :		
AMENDMENT	DATE	DESCRIPTION
R5	11/06/26	ROADS 1 & 8 AMENDED
R6	3/07/26	NO CHANGE THIS SHEET
R7	12/08/26	LOTS 31-37 BOUNDARIES UPDATED, LOTS 742 & 743 ADDED

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LEGEND :	
FLUSHING POINT	REDUCER
EXISTING SERVICES	PROPOSED SERVICES
PRESSURE SEWER	PRESSURE SEWER
EXISTING SERVICES	PROPOSED SERVICES
KERB	CUT DOWN

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JOB TITLE:
Bangor Road, Darfield

SHEET TITLE:
**Engineering Concept
Pressure Sewer Plan**

DRAWING STATUS:
For Concept Purposes

SCALE: 1:1000@A1
1:2000@A3 DATE: August 2026

CAD FILE: J:\21112\ENG\Concept\H21112 Eng Concept Plans_R7.dwg DRAWN: DG

DRAWING No: **H21112** SHEET No: 26 OF 31 REVISION: **R7**



AMENDMENTS :		
AMENDMENT	DATE	DESCRIPTION
R5	11/06/26	ROADS 1 & 8 AMENDED
R6	3/07/26	NO CHANGE THIS SHEET
R7	12/08/26	LOTS 31-37 BOUNDARIES UPDATED, LOTS 742 & 743 ADDED

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LEGEND :

FLUSHING POINT	FF	REDUCER	D
EXISTING SERVICES		PROPOSED SERVICES	
PRESSURE SEWER	—	PRESSURE SEWER	—
EXISTING SERVICES		PROPOSED SERVICES	
KERB	—	KERB	—

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JOB TITLE:
Bangor Road, Darfield

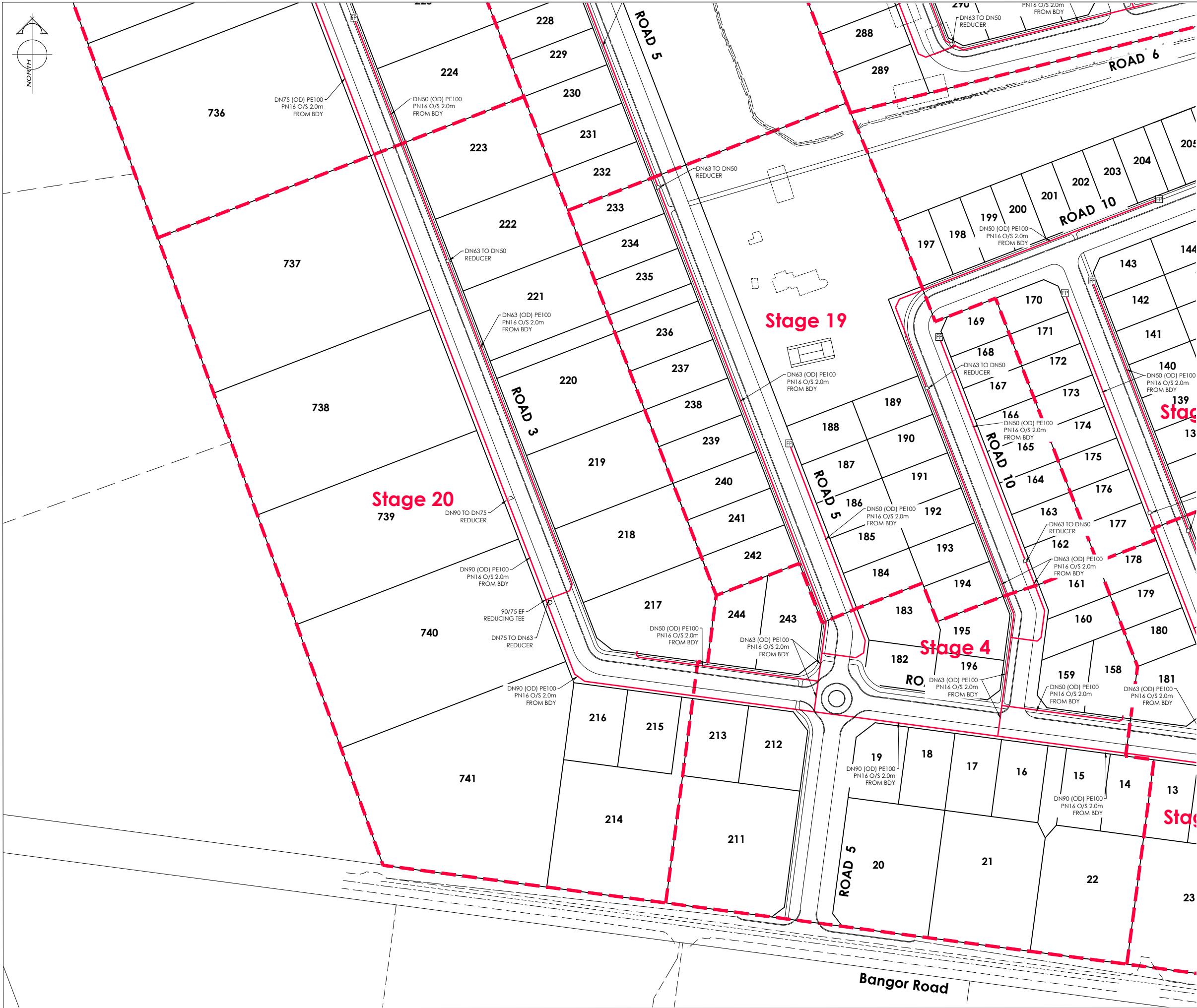
SHEET TITLE:
**Engineering Concept
Pressure Sewer Plan**

DRAWING STATUS:
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DATE: August 2026

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SHEET No: 27 OF 31
REVISION: **R7**



AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION
R5	11/06/26	ROADS 1 & 8 AMENDED
R6	3/07/26	NO CHANGE THIS SHEET
R7	12/08/26	LOTS 31-37 BOUNDARIES UPDATED, LOTS 742 & 743 ADDED

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LEGEND :

FLUSHING POINT

REDUCER

EXISTING SERVICES

PROPOSED SERVICES

PRESSURE SEWER

EXISTING SERVICES

KERB

BE

REDUCER

BE

CUT DOWN

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Bangor Road, Darfield

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Pressure Sewer Plan

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H21112

SHEET No:

28 OF 31

REVISION:

R7



INSET B
SCALE: 1:3000@A1
1:6000@A3

AMENDMENTS:		
AMENDMENT	DATE	DESCRIPTION
R5	11/06/26	ROADS 1 & 8 AMENDED
R6	3/07/26	NO CHANGE THIS SHEET
R7	12/08/26	LOTS 31-37 BOUNDARIES UPDATED & SEWER NETWORK ADDED

NOTES:

- 1) ALL WORKS IN ACCORDANCE WITH SDC CODE OF PRACTICE PARTS 1-11 STANDARDS, IF STANDARDS ARE UNSPECIFIED REFER TO CCC CSS PARTS 1-7.
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LEGEND:

FLUSHING POINT	FF	REDUCER	D
EXISTING SERVICES		PROPOSED SERVICES	
PRESSURE SEWER	— BEC	PRESSURE SEWER	— BEC
EXISTING SERVICES		PROPOSED SERVICES	
KERB	—	KERB	— CUT DOWN

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JOB TITLE:
Bangor Road, Darfield

SHEET TITLE:
**Engineering Concept
Pressure Sewer Plan**

DRAWING STATUS:
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SCALE: 1:1000@A1
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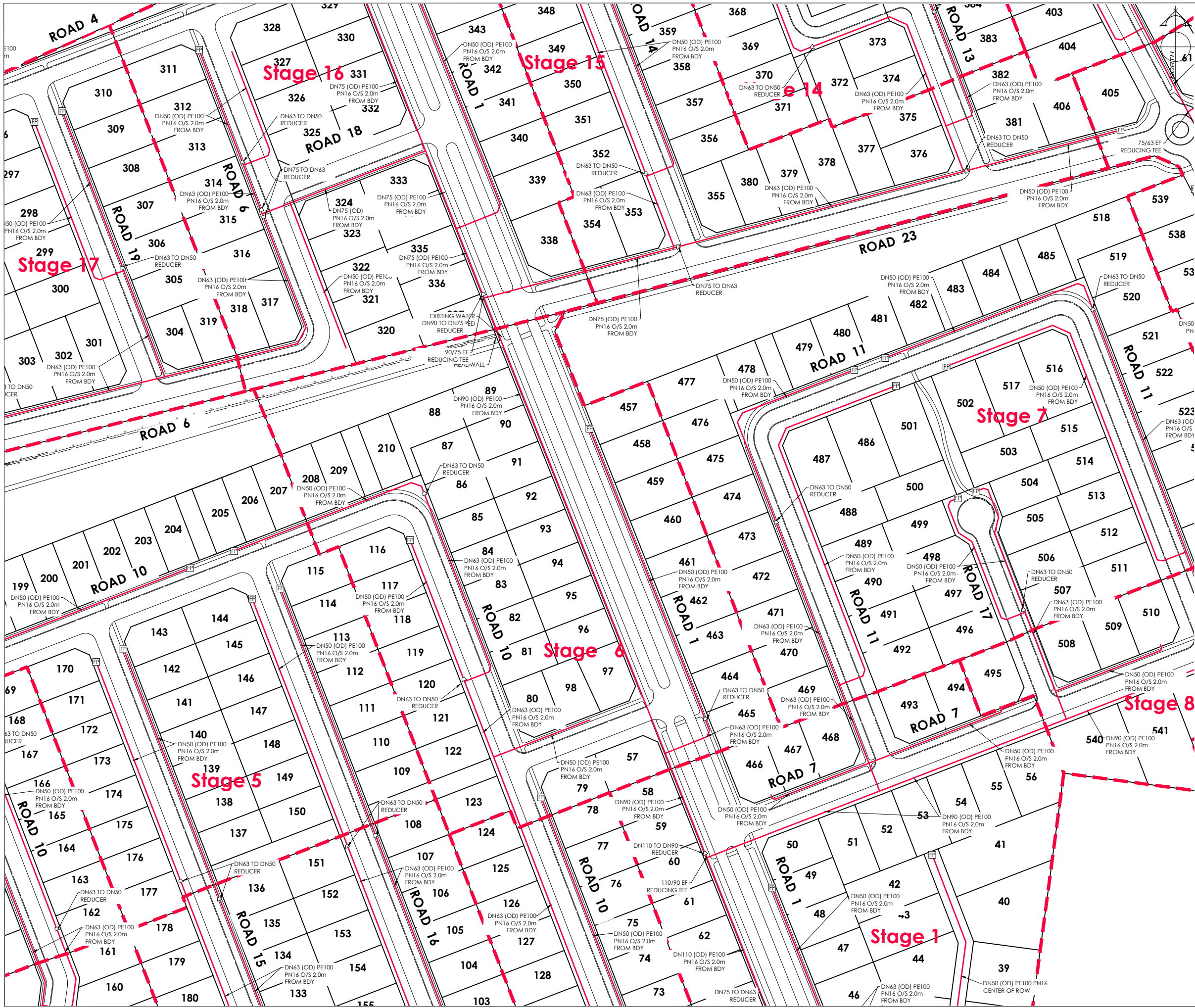
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DRAWING No.: **H21112**

SHEET No.: 29 OF 31

REVISION: **R7**



AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION
R5	11/06/26	ROADS 1 & 8 AMENDED
R6	3/07/26	NO CHANGE THIS SHEET
R7	12/08/26	LOTS 31-37 BOUNDARIES UPDATED, LOTS 742 & 743 ADDED

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LEGEND :

FLUSHING POINT

REDUCER

EXISTING SERVICES

PROPOSED SERVICES

PRESSURE SEWER

PRESSURE SEWER

EXISTING SERVICES

PROPOSED SERVICES

KERB

KERB

CUT DOWN

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JOB TITLE:

Bangor Road, Darfield

SHEET TITLE:

Engineering Concept
Pressure Sewer Plan

DRAWING STATUS

For Concept Purposes

SCALE:

1:1000@A1

1:2000@A3

DATE:

August 2026

CAD FILE:

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DRAWN:

DG

DRAWING No :

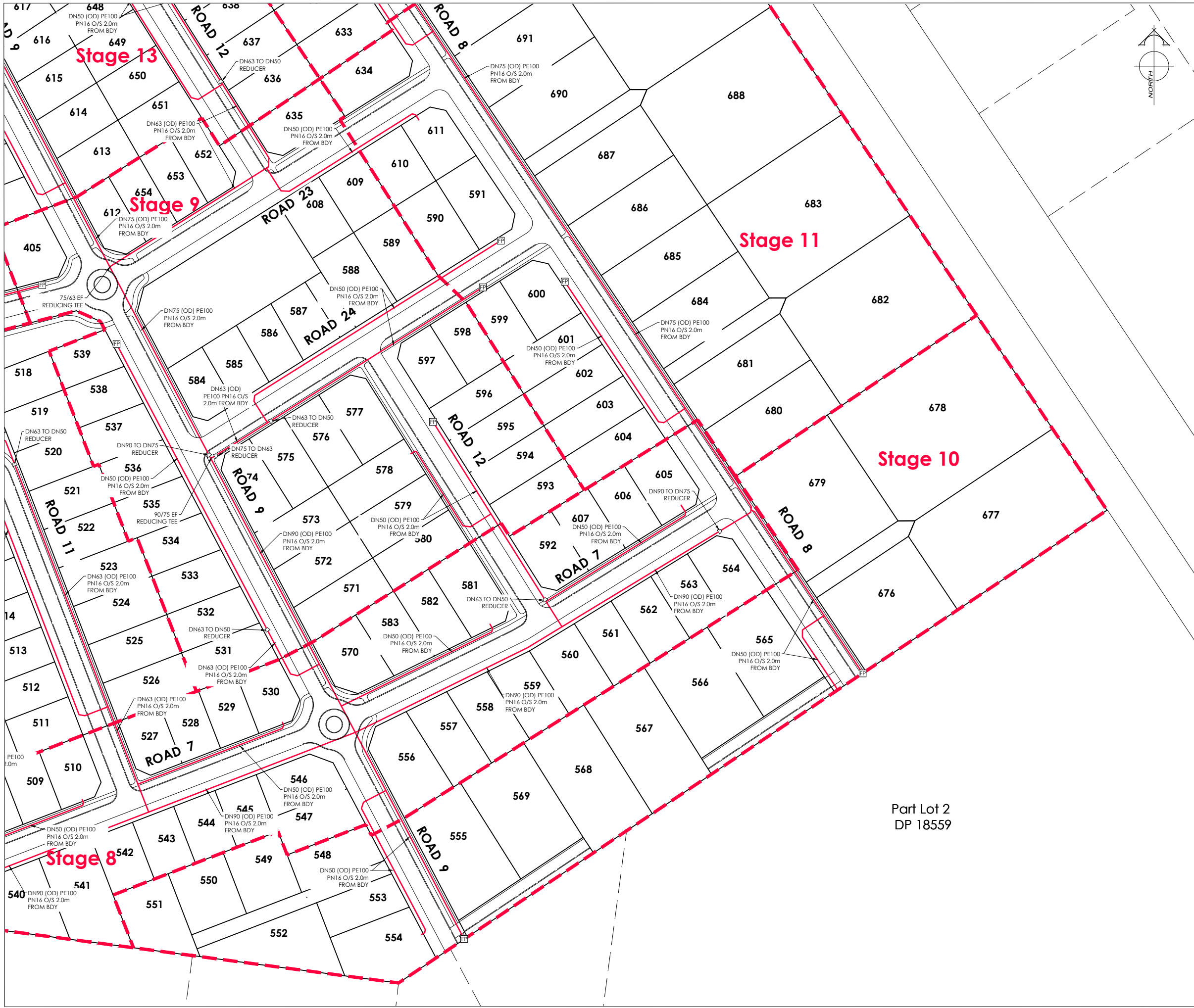
H21112

SHEET No:

30 OF 31

REVISION:

R7



AMENDMENTS :

AMENDMENT	DATE	DESCRIPTION
R5	11/06/26	ROADS 1 & 8 AMENDED
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LEGEND :

FLUSHING POINT

REDUCER

EXISTING SERVICES

PROPOSED SERVICES

BECAUSE

BECAUSE

EXISTING SERVICES

PROPOSED SERVICES

KERB

KERB

CUT DOWN

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Pressure Sewer Plan

DRAWING STATUS

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1:1000@A1

1:2000@A3

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August 2026

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DG

DRAWING No :

H21112

SHEET No:

31 OF 31

REVISION :

R7