

WESTON LEA LTD

AMBERFIELD

PEACOCKE RD HAMILTON

WASTEWATER - TRUNK RISING MAIN

141842-WW500	WASTEWATER - TRUNK RISING MAIN - INDEX PLAN
141842-WW501	WASTEWATER - TRUNK RISING MAIN - SHEET 1 OF 14
141842-WW502	WASTEWATER - TRUNK RISING MAIN - SHEET 2 OF 14
141842-WW503	WASTEWATER - TRUNK RISING MAIN - SHEET 3 OF 14
141842-WW504	WASTEWATER - TRUNK RISING MAIN - SHEET 4 OF 14
141842-WW505	WASTEWATER - TRUNK RISING MAIN - SHEET 5 OF 14
141842-WW506	WASTEWATER - TRUNK RISING MAIN - SHEET 6 OF 14
141842-WW507	WASTEWATER - TRUNK RISING MAIN - SHEET 7 OF 14
141842-WW508	WASTEWATER - TRUNK RISING MAIN - SHEET 8 OF 14
141842-WW509	WASTEWATER - TRUNK RISING MAIN - SHEET 9 OF 14
141842-WW510	WASTEWATER - TRUNK RISING MAIN - SHEET 10 OF 14
141842-WW511	WASTEWATER - TRUNK RISING MAIN - SHEET 11 OF 14
141842-WW512	WASTEWATER - TRUNK RISING MAIN - SHEET 12 OF 14
141842-WW513	WASTEWATER - TRUNK RISING MAIN - SHEET 13 OF 14
141842-WW514	WASTEWATER - TRUNK RISING MAIN - SHEET 14 OF 14

WASTEWATER - MAINS

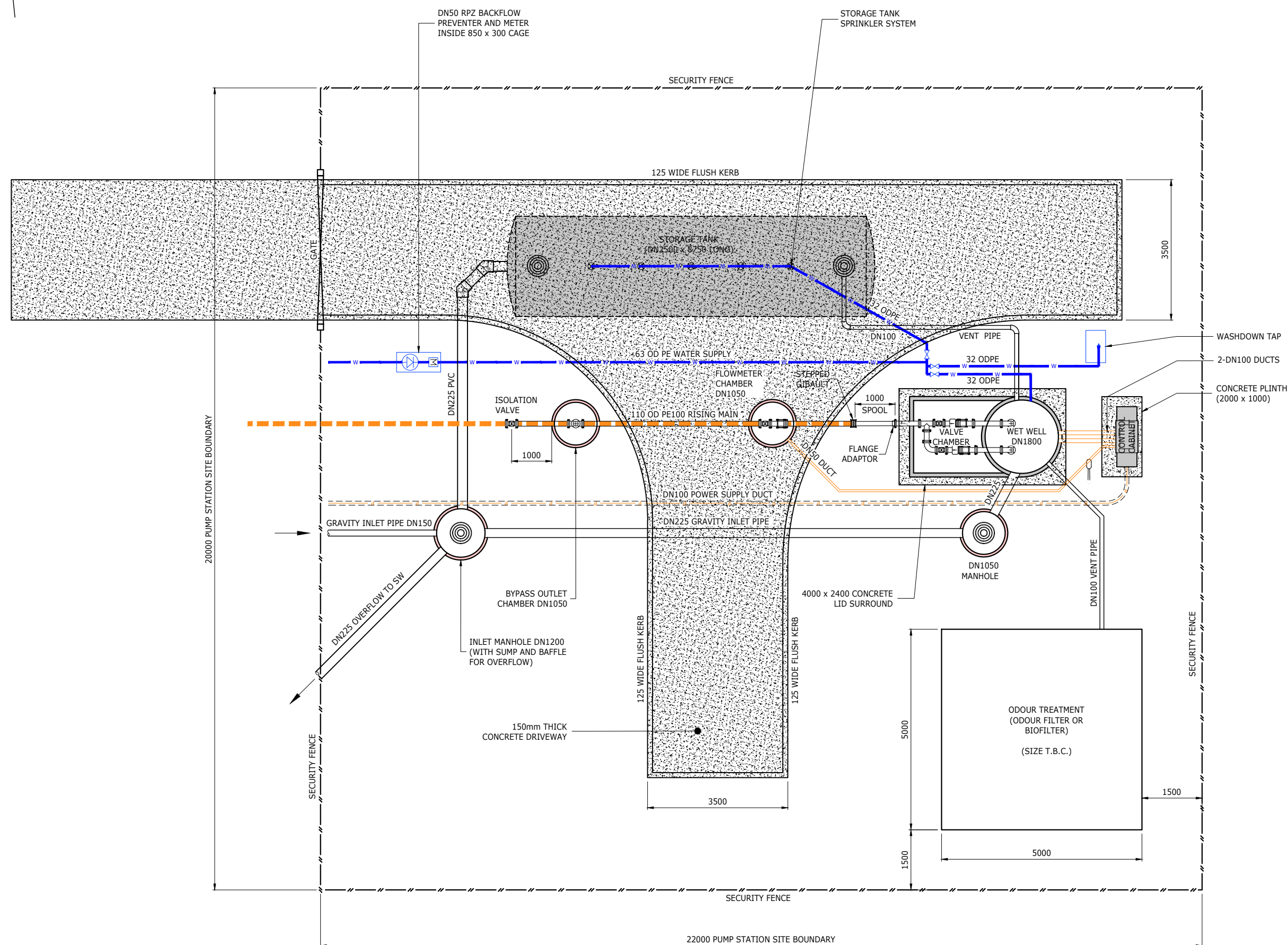
141842-WW520	WASTEWATER - RISING MAINS - PSTN's 1-3 - INDEX PLAN
141842-WW521	WASTEWATER - RISING MAINS - PSTN's 1-3 - PLAN
141842-WW522	WASTEWATER - RISING MAINS - PSTN's 1-3 - PLAN
141842-WW523	WASTEWATER - RISING MAINS - PSTN's 1-3 - PLAN
141842-WW524	WASTEWATER - RISING MAINS - PSTN's 1-3 - PLAN
141842-WW525	WASTEWATER - RISING MAINS - PSTN's 1-3 - PLAN

WASTEWATER - PUMP STATIONS

141842-PS100	WASTEWATER - PUMP STATION 1 - PLAN
141842-PS200	WASTEWATER - PUMP STATION 2 - PLAN
141842-PS300	WASTEWATER - PUMP STATION 3 - PLAN
141842-PS400	WASTEWATER - PUMP STATION 4 (MAIN) - PLAN

WATERSUPPLY - TRUNK WATERMAIN

141842-WS600	WATERSUPPLY - TRUNK WATERMAIN - INDEX PLAN
141842-WS601	WATERSUPPLY - TRUNK WATERMAIN - SHEET 1 OF 6
141842-WS602	WATERSUPPLY - TRUNK WATERMAIN - SHEET 2 OF 6
141842-WS603	WATERSUPPLY - TRUNK WATERMAIN - SHEET 3 OF 6
141842-WS604	WATERSUPPLY - TRUNK WATERMAIN - SHEET 4 OF 6
141842-WS605	WATERSUPPLY - TRUNK WATERMAIN - SHEET 5 OF 6
141842-WS606	WATERSUPPLY - TRUNK WATERMAIN - SHEET 6 OF 6



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NOTES

1. THE EMERGENCY STORAGE IS 9 HOURS AVERAGE DRY WEATHER FLOW.
2. THE SITE IS TO BE VESTED AS A LOCAL PURPOSE RESERVE WITH SEPARATE TITLE.
3. ALL WORKS AND MATERIALS ARE TO COMPLY WITH HAMILTON CITY COUNCIL STANDARDS CURRENT AT TIME OF APPROVAL.
4. AREA AROUND PUMP STATION TO BE GRADED TO PREVENT SURFACE WATER FLOWING ONTO OR OVER PUMP STATION COVER SLABS.
5. RISING MAIN IS TO DISCHARGE INTO A DISCHARGE MANHOLE BUILT TO HAMILTON CITY COUNCIL STANDARD DETAIL D5.9.

PUMP STATION	DESIGN FLOW (l/sec)	9 HOUR EMERGENCY STORAGE VOLUME m ³	RIISING MAIN OD
PS1	7.8 l/sec	50m ³	110



AUCKLAND OFFICE
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3	ISSUED FOR RESOURCE CONSENT		CRW	18.05.15
2	ISSUED FOR RESOURCE CONSENT		CRW	27.04.15
1	FOR INFORMATION ONLY		CRW	16.03.15
RFF	REVISIONS		BY	DATE

REF	REV
PROJECT:	

WESTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON

TITLE:

WASTEWATER
PUMP STATION 1
PLAN

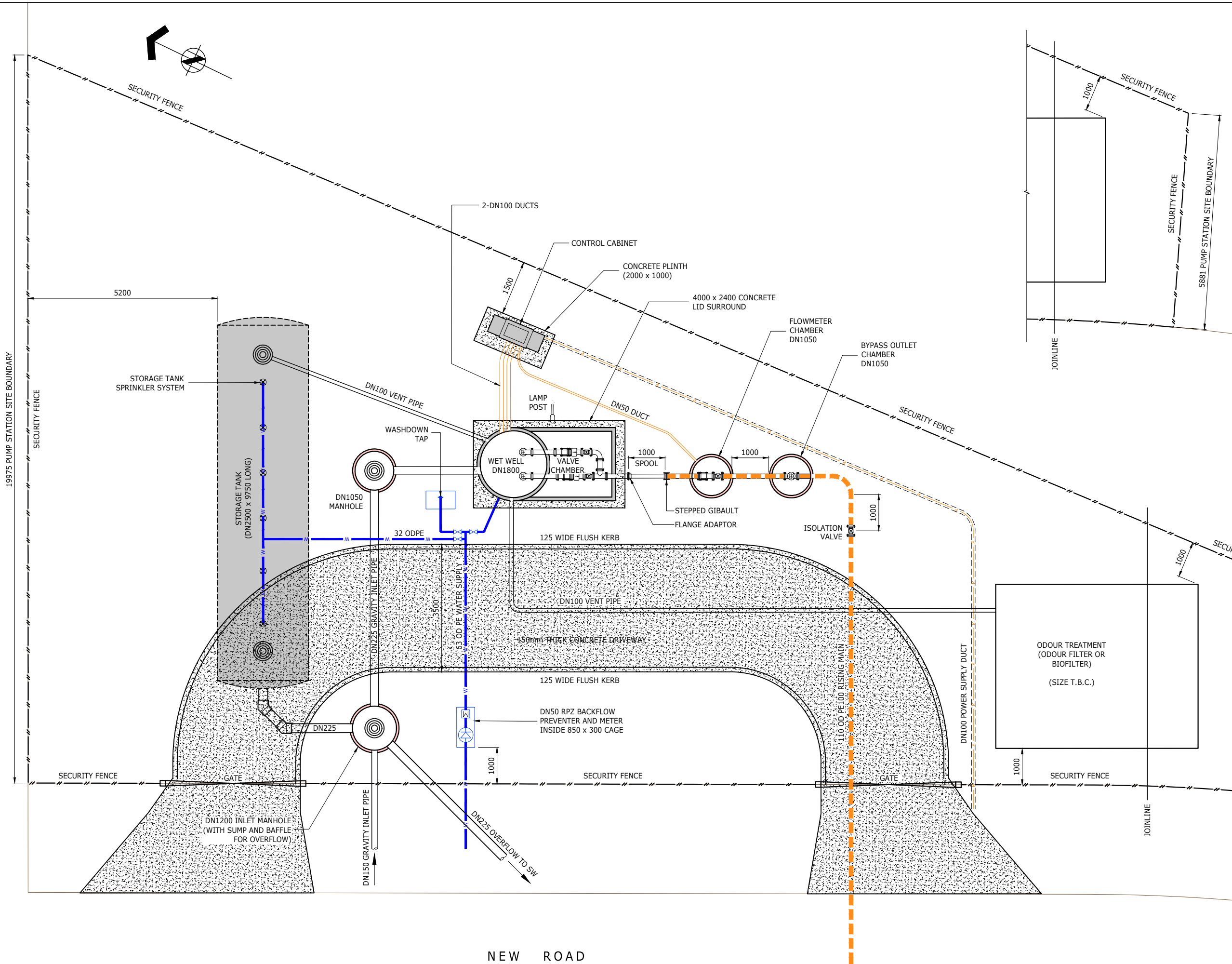
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DRAWN: MNP	DATE: 02.2018	SIGNED:	PLOT DATE: 08.05.18
CHECKED: GWP	DATE: 02.2018	SIGNED:	SURVEY BY:
APPROVED: NKT	DATE: 02.2018	SIGNED:	SURVEY DATE:


ISSUE STATUS:

FOR RESOURCE CONSENT

PROJECT No: 9820-141842-01	SCALES: 1:50 - A1 1:100 - A3	A1
DRAWING No:		REV

141842-PS100





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PUMP STATION	DESIGN FLOW (l/sec)	9 HOUR EMERGENCY STORAGE VOLUME m ³	RISING MAIN OD
PS2	8.1 l/sec	60m ³	110



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3	ISSUED FOR RESOURCE CONSENT	CRW	18.05.18
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1	FOR INFORMATION ONLY	CRW	16.03.18

PROJECT:

**WESTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON**

TITLE:

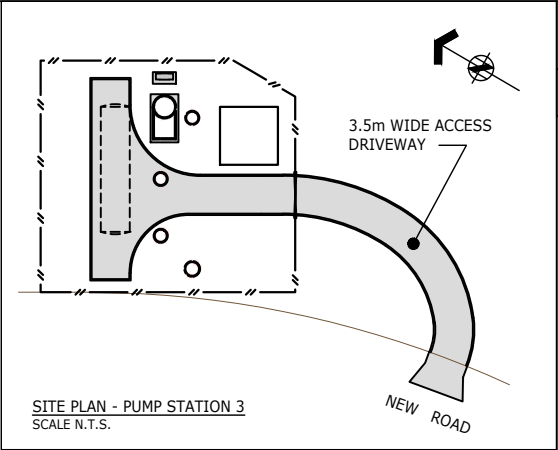
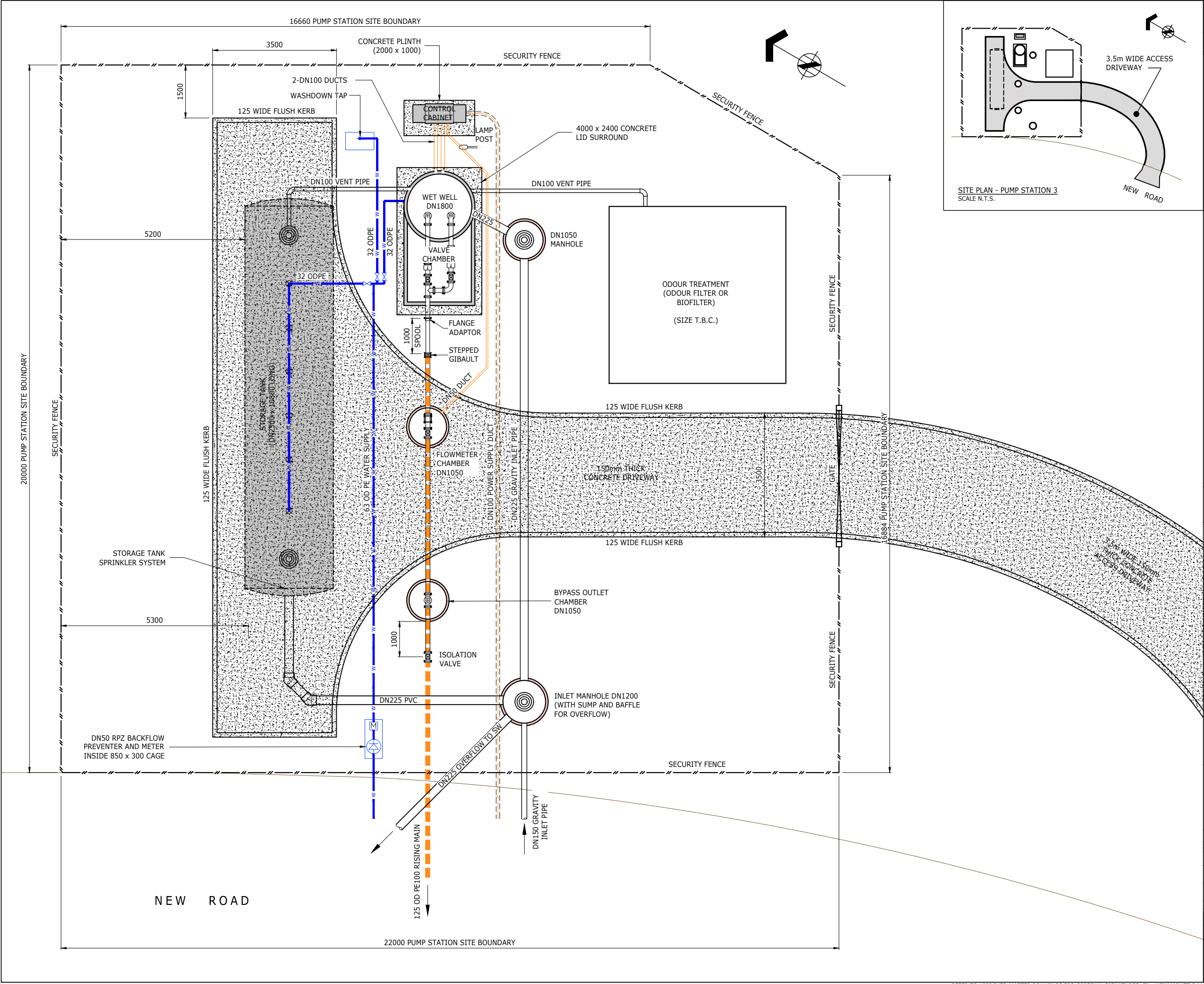
**WASTEWATER
PUMP STATION 2
PLAN**


ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
CRW	02.2018		MNP
DRAWN:	DATE:	SIGNED:	PLOT DATE:
MNP	02.2018		08.05.18
CHECKED:	DATE:	SIGNED:	SURVEY BY:
GWP	02.2018		
APPROVED:	DATE:	SIGNED:	SURVEY DATE:
NKT	02.2018		

ISSUE STATUS:

FOR RESOURCE CONSENT

PROJECT No:	SCALES:	
9820-141842-01	1:50 - A1 1:100 - A3	A1
DRAWING No:		REV
141842-PS200		3





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4. AREA AROUND PUMP STATION TO BE GRADED TO PREVENT SURFACE WATER FLOWING ONTO OR OVER PUMP STATION COVER SLABS.
5. RISING MAIN IS TO DISCHARGE INTO A DISCHARGE MANHOLE BUILT TO HAMILTON CITY COUNCIL STANDARD DETAIL D5.9.

PUMP STATION	DESIGN FLOW (l/sec)	9 HOUR EMERGENCY STORAGE VOLUME m³	RISING MAIN OD
PS3	9.1 l/sec	65m³	125



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2	ISSUED FOR RESOURCE CONSENT	CRW	27.04.18
1	FOR INFORMATION ONLY	CRW	16.03.18

PROJECT:

**WESTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON**

TITLE:

**WASTEWATER
PUMP STATION 3
PLAN**

ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
CRW	03.2018		MNP

DRAWN:	DATE:	SIGNED:	PLOT DATE:
MNP	03.2018		08.05.18

CHECKED:	DATE:	SIGNED:	SURVEY BY:
GWP	03.2018		

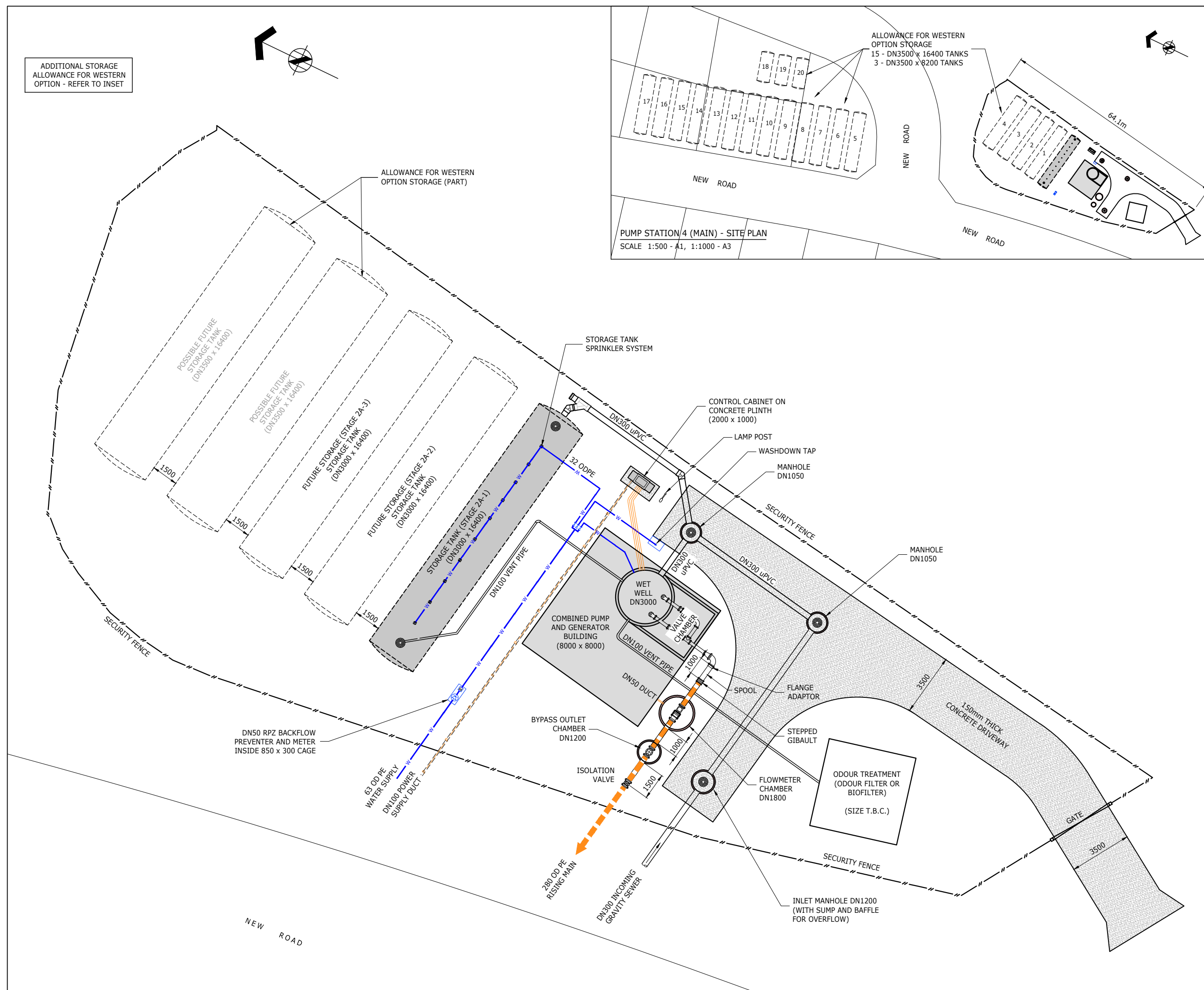
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NKT	03.2018		

ISSUE STATUS:

FOR RESOURCE CONSENT

PROJECT No:	SCALES:	
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DRAWING No:	REV
141842-PS300	3



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4. AREA AROUND PUMP STATION TO BE GRADED TO PREVENT SURFACE WATER FLOWING ONTO OR OVER PUMP STATION COVER SLABS.
5. RISING MAIN IS TO DISCHARGE INTO A DISCHARGE MANHOLE BUILT TO HAMILTON CITY COUNCIL STANDARD DETAIL D5.9.
6. PUMP STATION DESIGN INCLUDING STORAGE IS BASED ON DISCHARGING INTO THE FAR EASTERN INTERCEPTOR.
7. STANDBY GENERATOR IS TO ALLOW PUMPING TO CONTINUE IN THE EVENT OF POWER FAILURE.

PUMP STATION	DESIGN FLOW (l/sec)	9 HOUR EMERGENCY STORAGE VOLUME m ³	RIISING MAIN OD
PS4	52.1 l/sec	369m ³	280 & 355



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REV	REV.
PROJECT:	

WESTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON

TITLE:

WASTEWATER
PUMP STATION 4 (MAIN)
PLAN

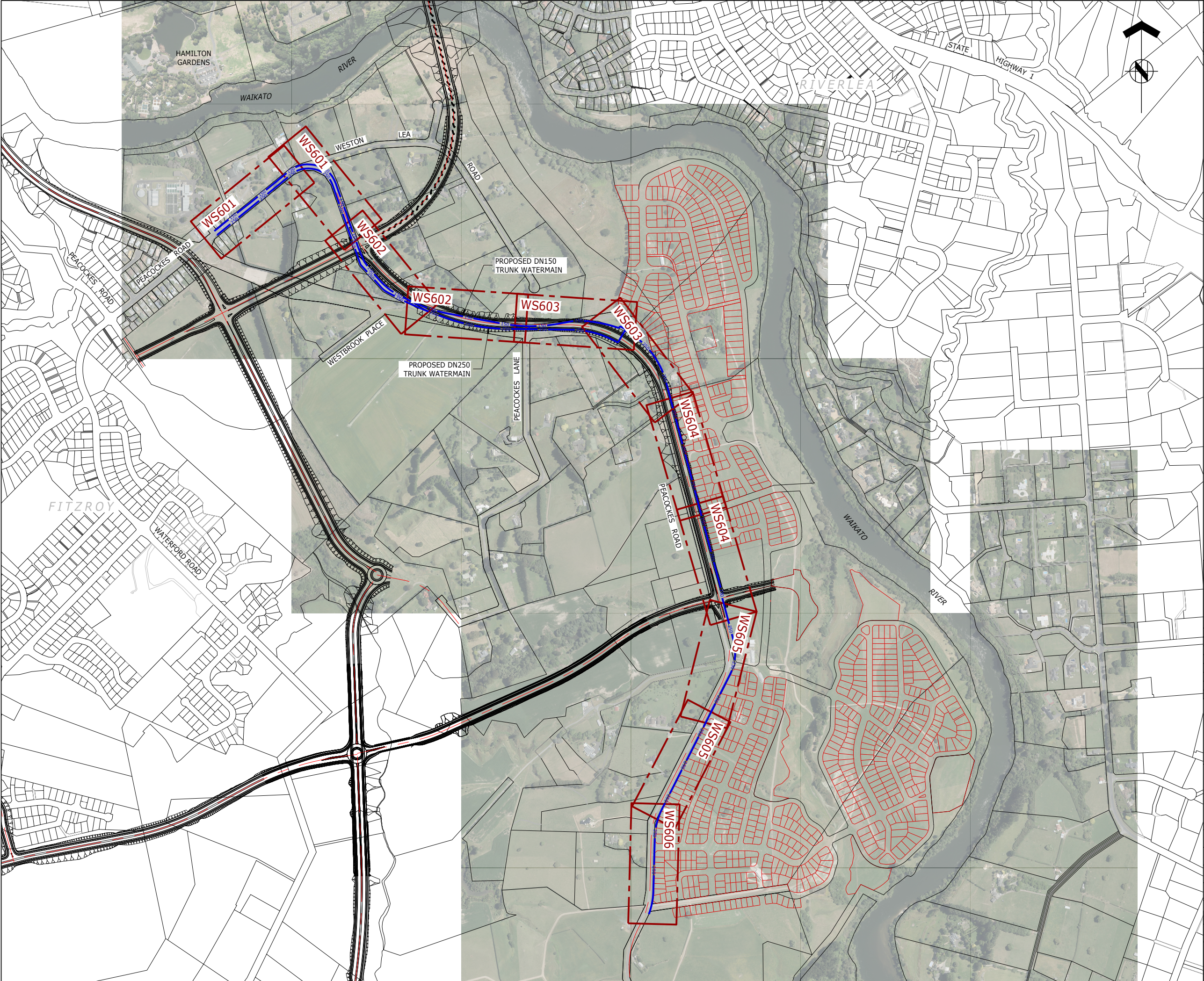
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DRAWN: MNP	DATE: 03.2018	SIGNED:	PLOT DATE: 08.05.18
CHECKED: GWP	DATE: 03.2018	SIGNED:	SURVEY BY:
APPROVED: NKT	DATE: 03.2018	SIGNED:	SURVEY DATE:


ISSUE STATUS:

FOR RESOURCE CONSENT

PROJECT No: 9820-141842-01	SCALES: 1:100 - A1 1:200 - A3	A1
DRAWING No:		REV

141842-PS400	3
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NOTES

- ALL WORKS AND MATERIALS ARE TO COMPLY WITH HAMILTON CITY COUNCIL STANDARDS CURRENT AT TIME OF APPROVAL.
- MINIMUM COVER FOR TRUNK WATERMAINS IS 0.9m
- FOR DETAILS OF PROPOSED REALIGNMENT OF PEACOCKES ROAD REFER TO TDG DRAWINGS 13646N3A (15th FEBRUARY 2018).
- AIR AND SCOUR VALVES ARE NOT SHOWN.

LEGEND


150

PROPOSED DN150 TRUNK WATERMAIN

250

PROPOSED DN250 TRUNK WATERMAIN

PROPOSED FIRE HYDRANT



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PROJECT:

**WESTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON**

TITLE:

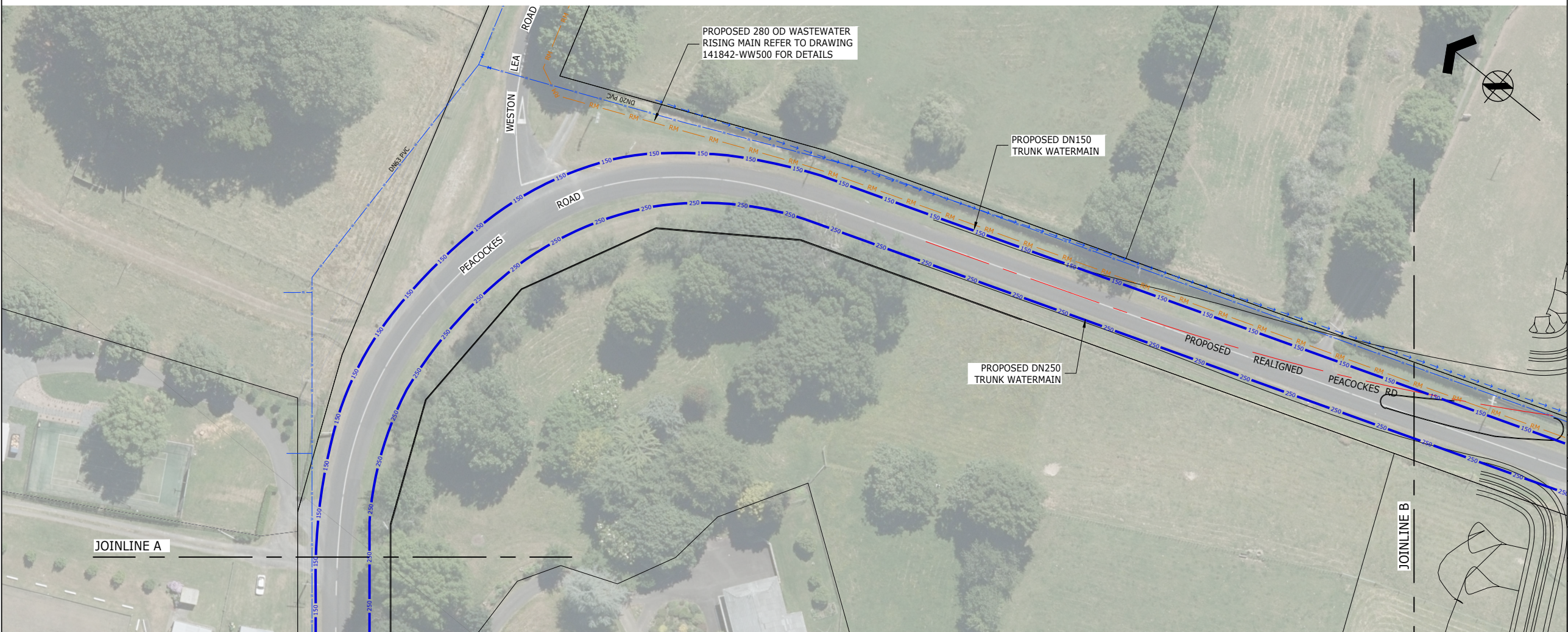
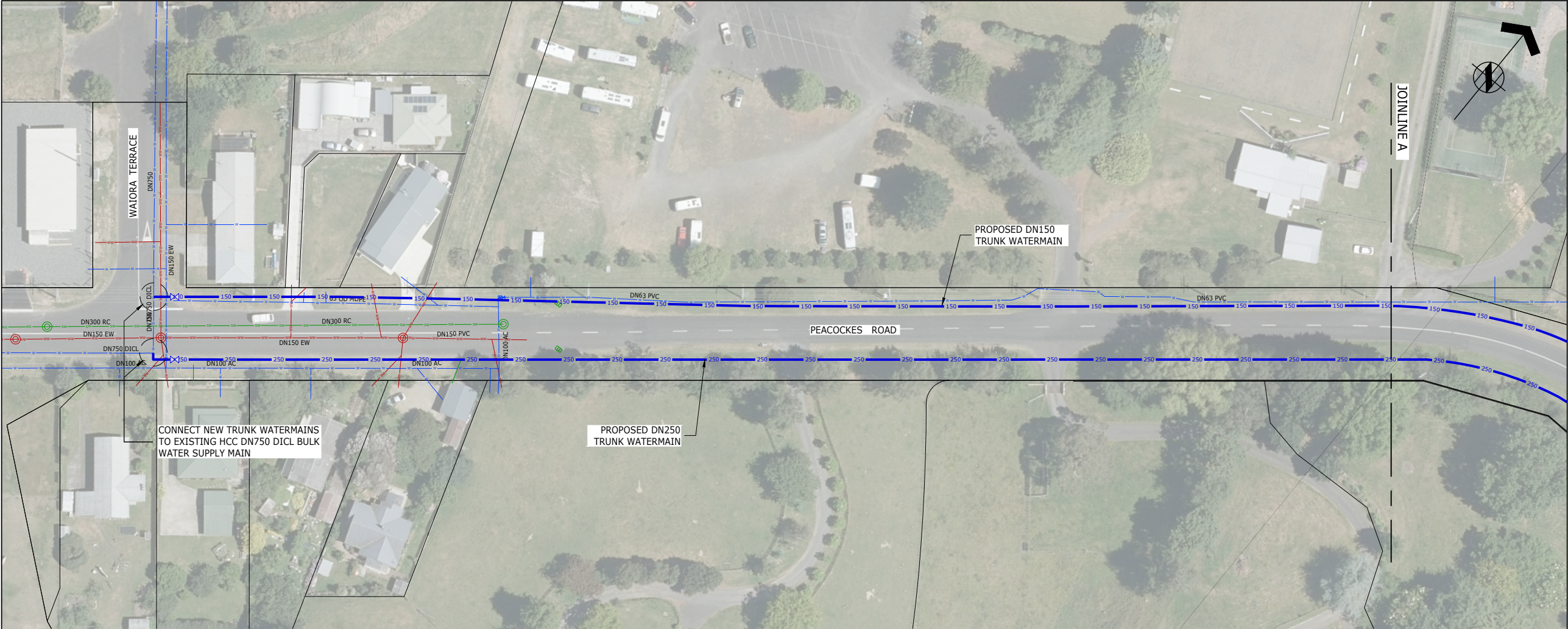
**WATERSUPPLY
TRUNK WATERMAIN
INDEX PLAN**

ORIGINATOR: CRW	DATE: 03.2018	SIGNED:	PLOT BY: MNP
DRAWN: MNP	DATE: 03.2018	SIGNED:	PLOT DATE: 08.05.18
CHECKED: GWP	DATE: 03.2018	SIGNED:	SURVEY BY:
APPROVED: NKT	DATE: 03.2018	SIGNED:	SURVEY DATE:

ISSUE STATUS:

FOR RESOURCE CONSENT

PROJECT No: 9820-141842-01	SCALES: 1:5000 - A1 1:10000 - A3	A1
DRAWING No:		REV
141842-WS600		3



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NOTES

- REFER TO DRAWING 141842-WS600 FOR GENERAL NOTES.

LEGEND

- EXISTING WASTEWATER
- EXISTING STORMWATER
- EXISTING WATERMAINS
- PROPOSED DN150 TRUNK WATERMAIN
- PROPOSED DN250 TRUNK WATERMAIN
- PROPOSED FIRE HYDRANT
- PROPOSED WASTEWATER RISING MAIN



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PROJECT:

WESTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON

TITLE:

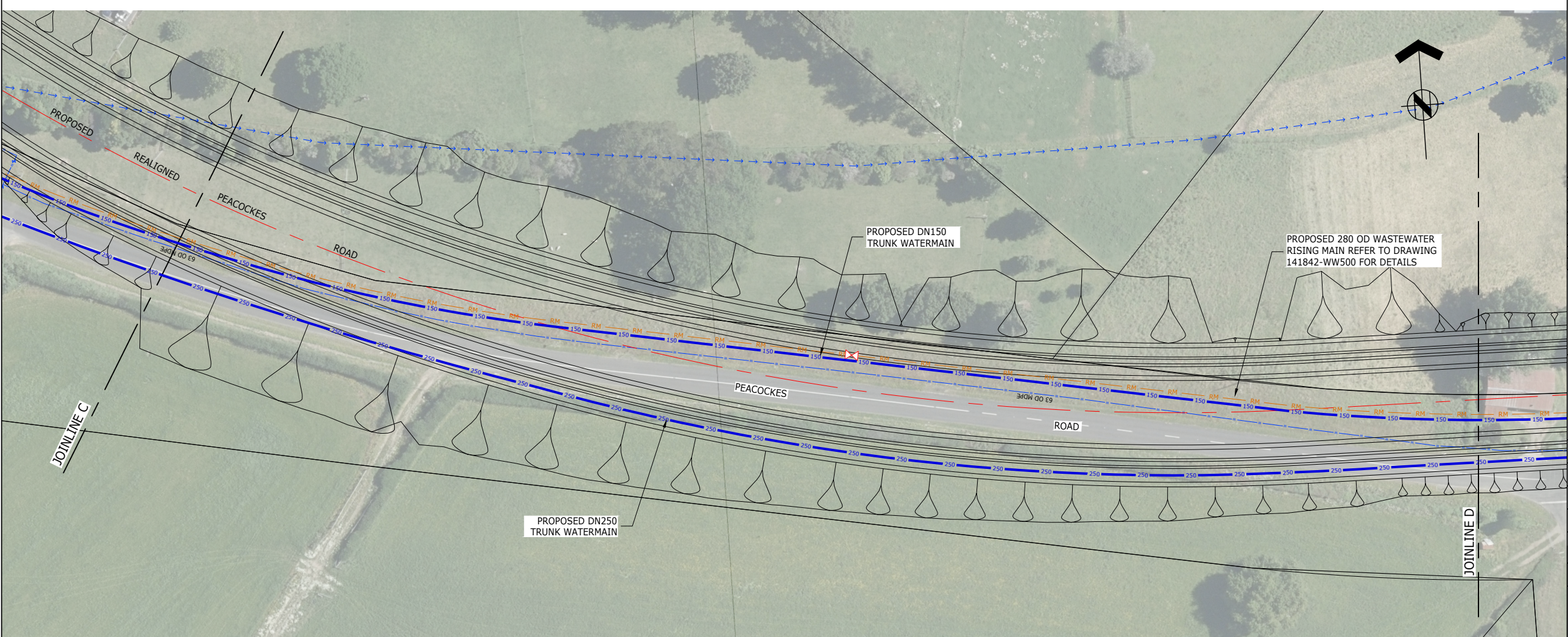
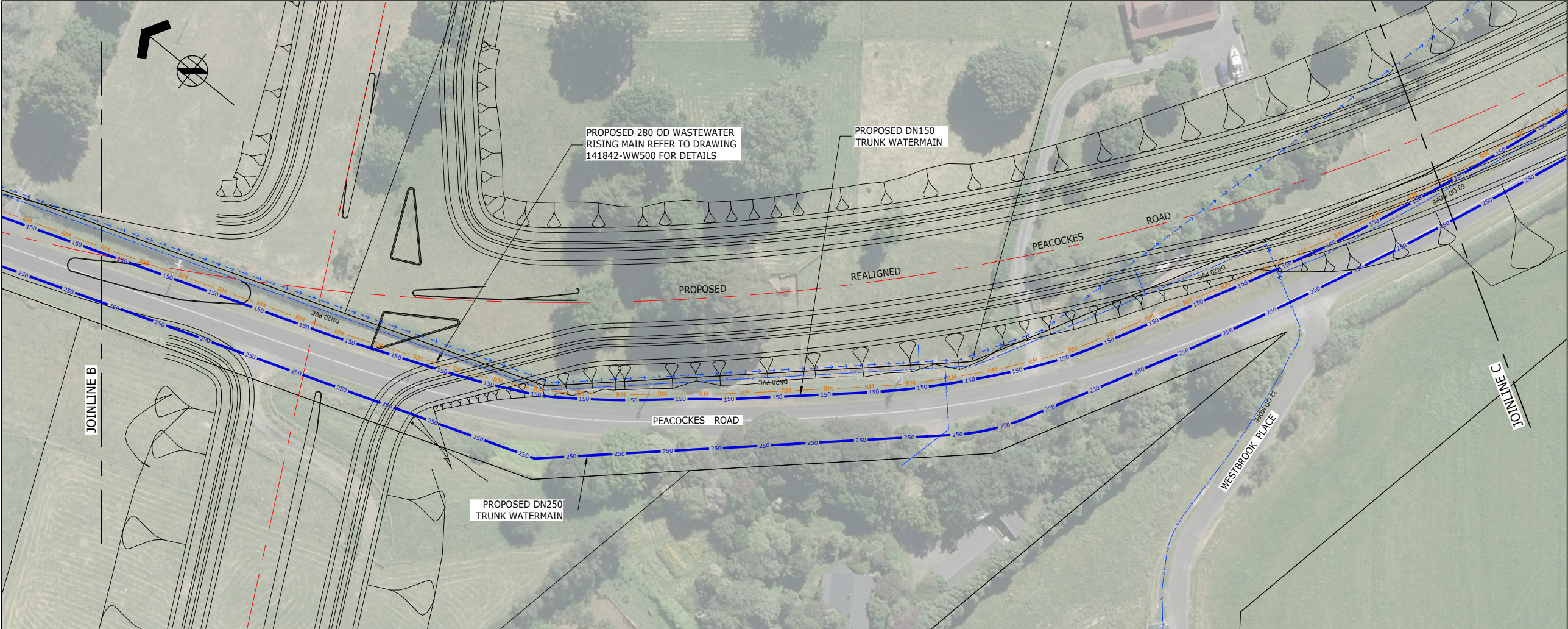
WATERSUPPLY
TRUNK WATERMAIN
SHEET 1 OF 6

ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
CRW	03.2018		MNP
DRAWN:	DATE:	SIGNED:	PLOT DATE:
MNP	03.2018		08.05.18
CHECKED:	DATE:	SIGNED:	SURVEY BY:
GWP	03.2018		
APPROVED:	DATE:	SIGNED:	SURVEY DATE:
NKT	03.2018		

ISSUE STATUS:

FOR RESOURCE CONSENT

PROJECT No:	SCALES:	A1
9820-141842-01	1:500 - A1 1:1000 - A3	
DRAWING No:		REV
141842-WS601		3



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NOTES

- REFER TO DRAWING 141842-WS600 FOR GENERAL NOTES.

LEGEND

- EXISTING WASTEWATER
- EXISTING STORMWATER
- EXISTING WATERMAINS
- PROPOSED DN150 TRUNK WATERMAIN
- PROPOSED DN250 TRUNK WATERMAIN
- PROPOSED FIRE HYDRANT
- PROPOSED WASTEWATER RISING MAIN

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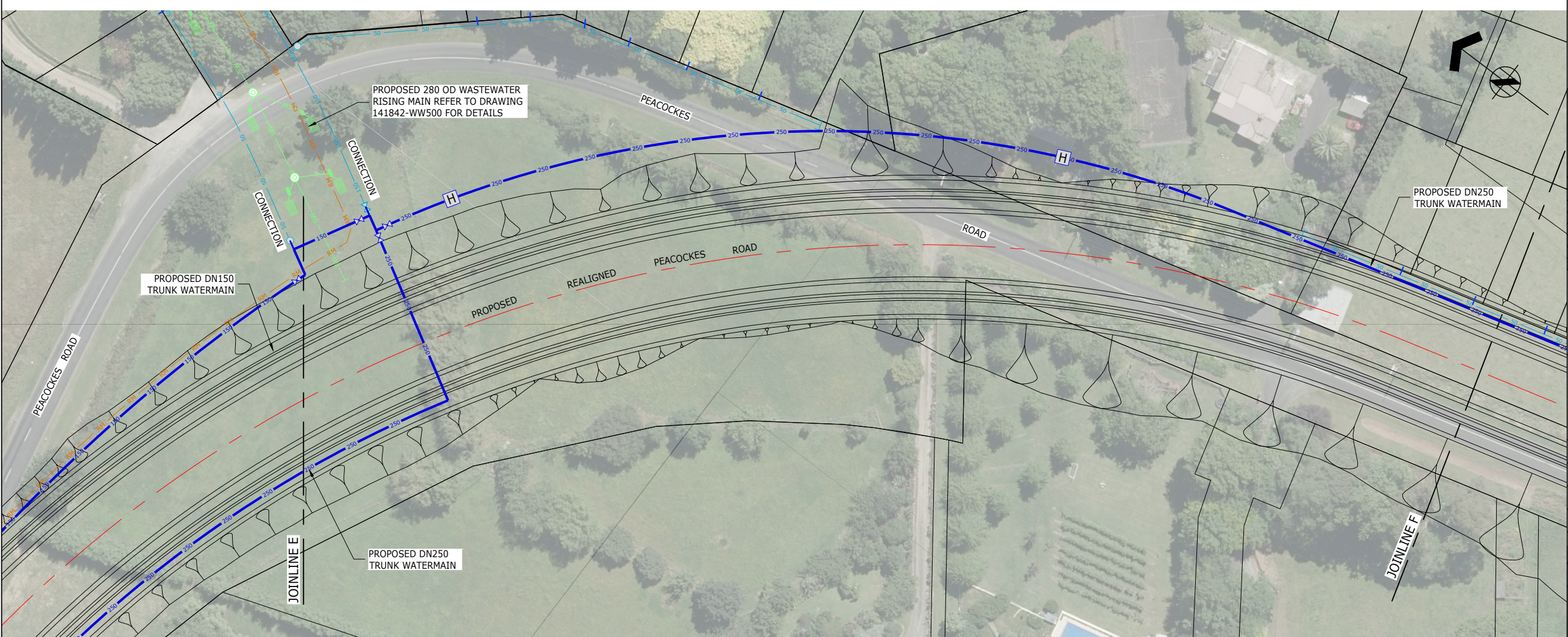
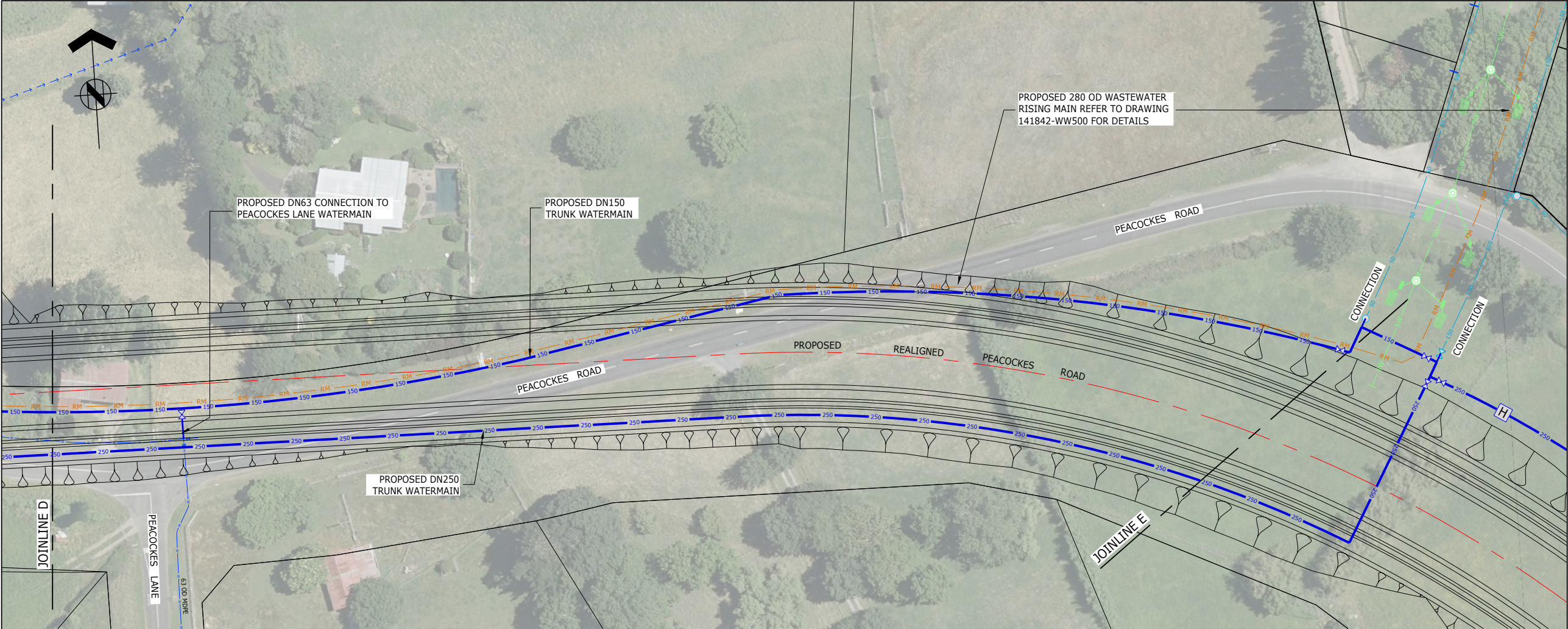
PROJECT:
**WESTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON**

TITLE:
**WATERSUPPLY
TRUNK WATERMAIN
SHEET 2 OF 6**

ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
CRW	03.2018		MNP
DRAWN:	DATE:	SIGNED:	PLOT DATE:
MNP	03.2018		08.05.18
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NKT	03.2018		

ISSUE STATUS:
FOR RESOURCE CONSENT

PROJECT No:	SCALES:	A1
9820-141842-01	1:500 - A1 1:1000 - A3	
DRAWING No:		REV
141842-WS602		3



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NOTES

1. REFER TO DRAWING 141842-WS600 FOR GENERAL NOTES.

LEGEND

- WW —

NEW WASTEWATER
- SW —

NEW STORMWATER
- WS —

NEW WATERSUPPLY
- WW —

EXISTING WASTEWATER
- SW —

EXISTING STORMWATER
- WS —

EXISTING WATERMAINS
- 150 —

PROPOSED DN150 TRUNK WATERMAIN
- 250 —

PROPOSED DN250 TRUNK WATERMAIN
- [H]

PROPOSED FIRE HYDRANT
- RM —

PROPOSED WASTEWATER RISING MAIN

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AMBERFIELD
PEACOCKE RD HAMILTON

TITLE:

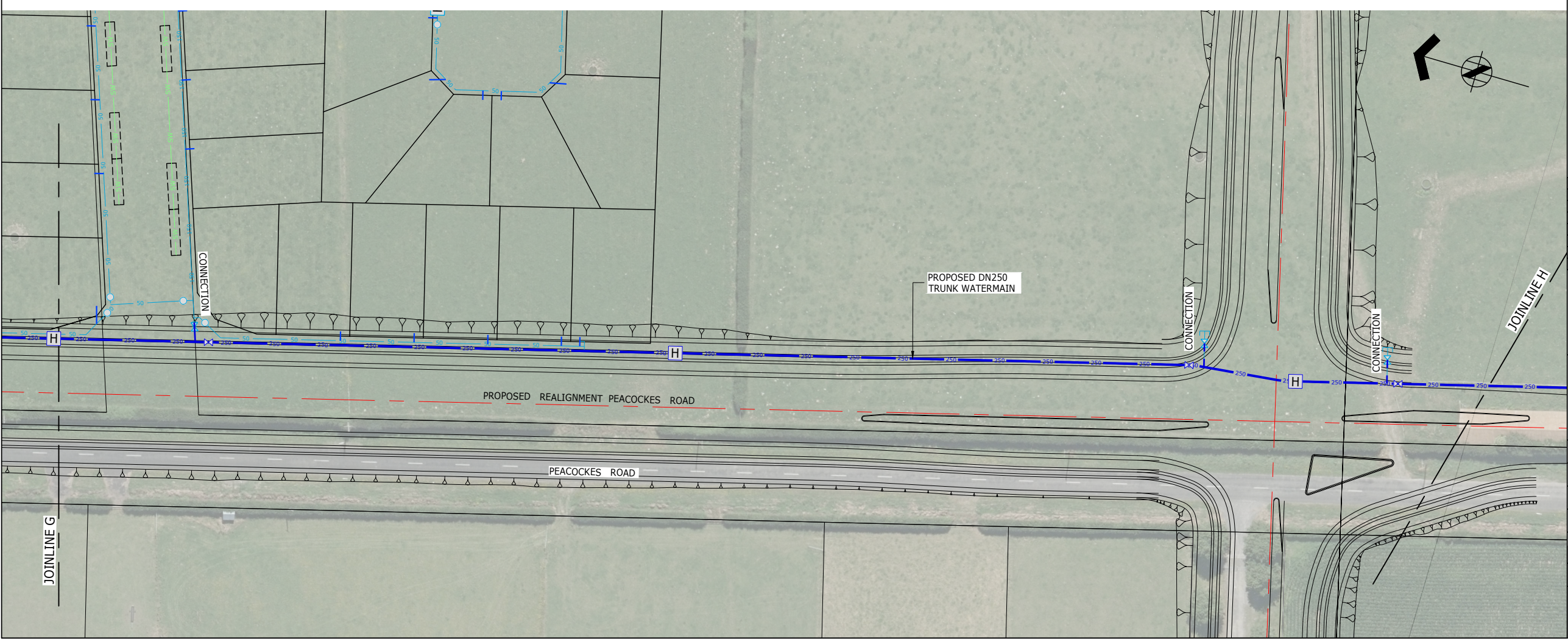
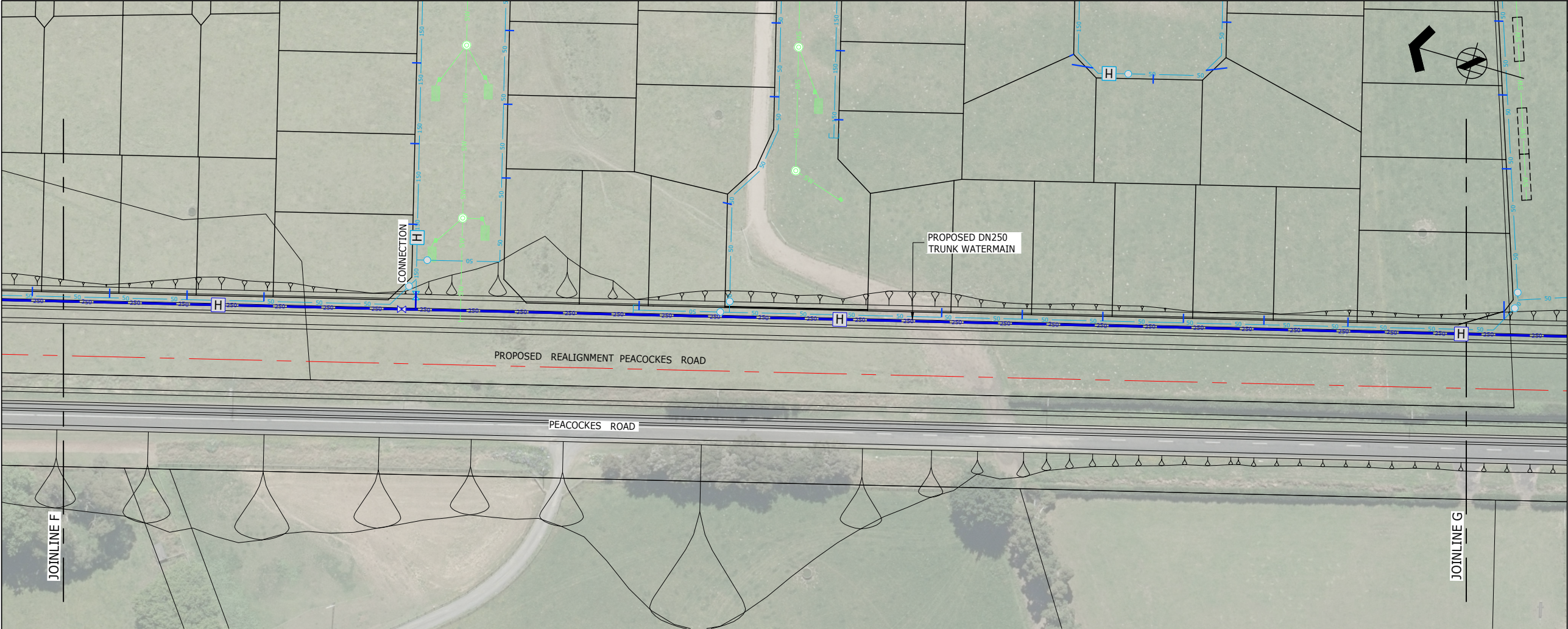
WATERSUPPLY
TRUNK WATERMAIN
SHEET 3 OF 6


ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
CRW	03.2018		MNP
DRAWN:	DATE:	SIGNED:	PLOT DATE:
MNP	03.2018		15.05.18
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NKT	03.2018		

ISSUE STATUS:

FOR RESOURCE CONSENT

PROJECT No:	SCALES:	A1
9820-141842-01	1:500 - A1 1:1000 - A3	
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141842-WS603		3





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NOTES

1. REFER TO DRAWING 141842-WS600 FOR GENERAL NOTES.

LEGEND

— WW —

NEW WASTEWATER

— SW —

NEW STORMWATER

— W —

NEW WATERSUPPLY

— EX —

EXISTING WASTEWATER

— ES —

EXISTING STORMWATER

— EW —

EXISTING WATERSUPPLIES

150

PROPOSED DN150 TRUNK WATERMAIN

250

PROPOSED DN250 TRUNK WATERMAIN

H

PROPOSED FIRE HYDRANT

RM

PROPOSED WASTEWATER RISING MAIN

3	ISSUED FOR RESOURCE CONSENT	CRW	18.05.18
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PROJECT:

**WESTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON**

TITLE:

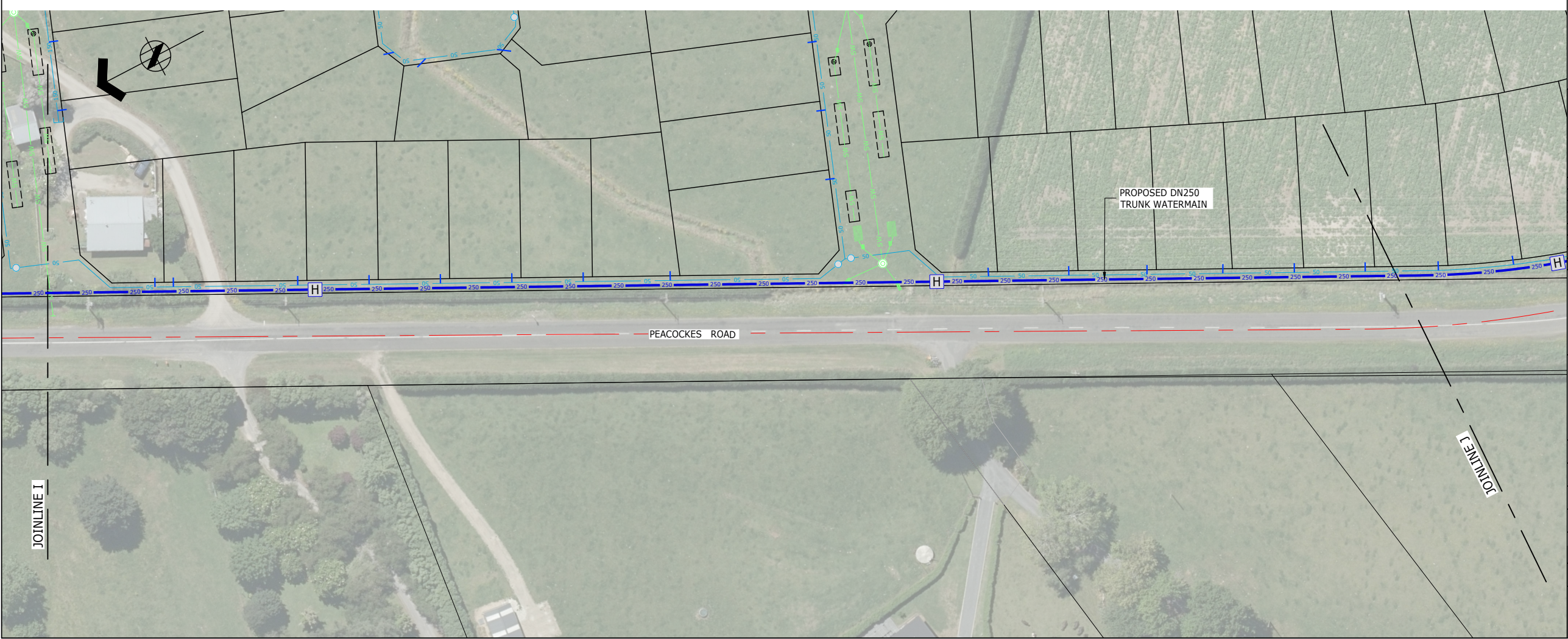
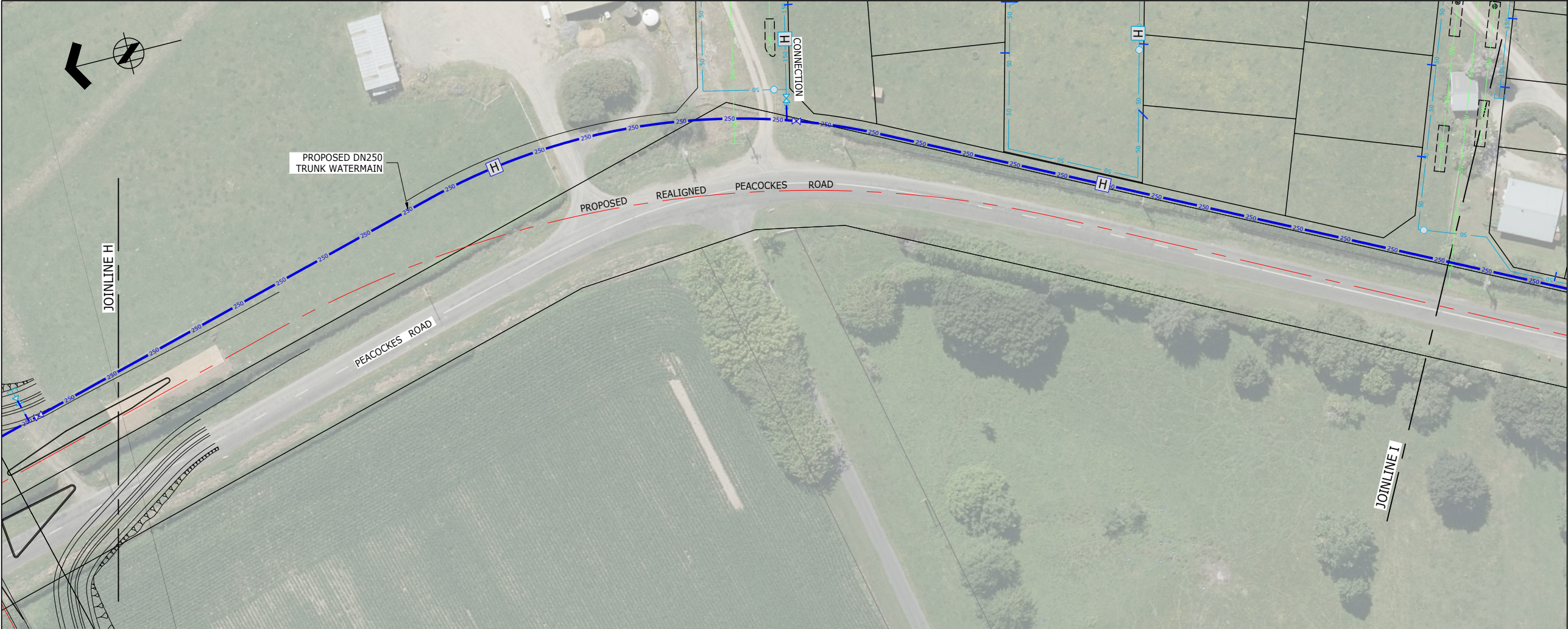
**WATERSUPPLY
TRUNK WATERMAIN
SHEET 4 OF 6**


ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
CRW	03.2018		MNP
DRAWN:	DATE:	SIGNED:	PLOT DATE:
MNP	03.2018		15.05.18
CHECKED:	DATE:	SIGNED:	SURVEY BY:
GWP	03.2018		
APPROVED:	DATE:	SIGNED:	SURVEY DATE:
NKT	03.2018		

ISSUE STATUS:

FOR RESOURCE CONSENT

PROJECT No:	SCALES:	A1
9820-141842-01	1:500 - A1 1:1000 - A3	
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141842-WS604	3	





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NOTES

1. REFER TO DRAWING 141842-WS600 FOR GENERAL NOTES.

LEGEND

— WW —

NEW WASTEWATER

— SW —

NEW STORMWATER

— WS —

NEW WATERSUPPLY

— WW —

EXISTING WASTEWATER

— SW —

EXISTING STORMWATER

— WS —

EXISTING WATERMAINS

— 150 —

PROPOSED DN150 TRUNK WATERMAIN

— 250 —


PROPOSED DN250 TRUNK WATERMAIN

[H]

PROPOSED FIRE HYDRANT

— RM —

PROPOSED WASTEWATER RISING MAIN



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3	ISSUED FOR RESOURCE CONSENT	CRW	18.05.18
2	ISSUED FOR RESOURCE CONSENT	CRW	27.04.18
1	FOR INFORMATION ONLY	CRW	16.03.18
REF	REVISIONS	BY	DATE

PROJECT:

WESTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON

TITLE:

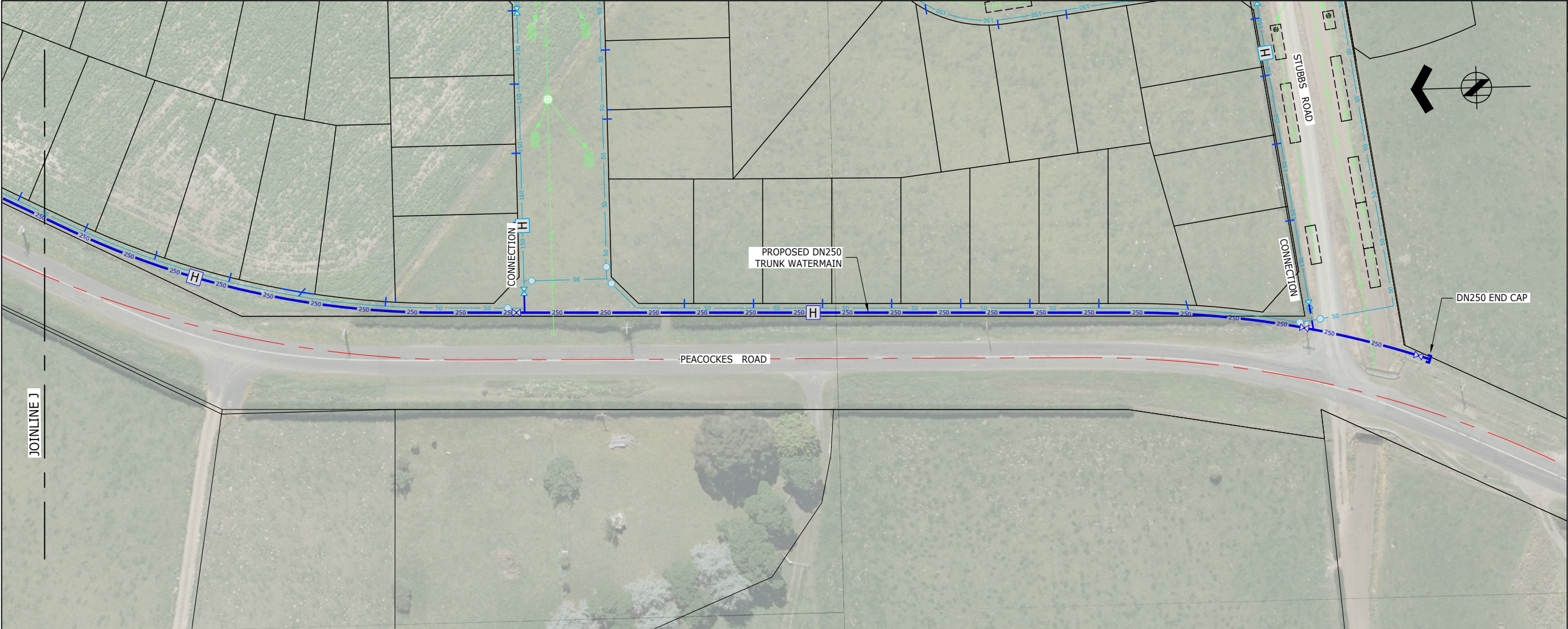
WATERSUPPLY
TRUNK WATERMAIN
SHEET 5 OF 6


ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
CRW	03.2018		MNP
DRAWN:	DATE:	SIGNED:	PLOT DATE:
MNP	03.2018		15.05.18
CHECKED:	DATE:	SIGNED:	SURVEY BY:
GWP	03.2018		
APPROVED:	DATE:	SIGNED:	SURVEY DATE:
NKT	03.2018		

ISSUE STATUS:

FOR RESOURCE CONSENT

PROJECT No:	SCALES:	A1
9820-141842-01	1:500 - A1 1:1000 - A3	
DRAWING No:		REV
141842-WS605		3





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NOTES

1. REFER TO DRAWING 141842-WS600 FOR GENERAL NOTES.

LEGEND

—WW—

NEW WASTEWATER

—SW—

NEW STORMWATER

—

NEW WATERSUPPLY

—WW—

EXISTING WASTEWATER

—SW—

EXISTING STORMWATER

—

EXISTING WATERMAINS

150

PROPOSED DN150 TRUNK WATERMAIN

250

PROPOSED DN250 TRUNK WATERMAIN

[H]

PROPOSED FIRE HYDRANT

RM

PROPOSED WASTEWATER RISING MAIN

HG

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3	ISSUED FOR RESOURCE CONSENT	CRW	18.05.18
2	ISSUED FOR RESOURCE CONSENT	CRW	27.04.18
1	FOR INFORMATION ONLY	CRW	16.03.18
REF	REVISIONS	BY	DATE

PROJECT:

WESTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON

TITLE:

WATERSUPPLY
TRUNK WATERMAIN
SHEET 6 OF 6


ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
CRW	03.2018		MNP
DRAWN:	DATE:	SIGNED:	PLOT DATE:
MNP	03.2018		15.05.18
CHECKED:	DATE:	SIGNED:	SURVEY BY:
GWP	03.2018		
APPROVED:	DATE:	SIGNED:	SURVEY DATE:
NKT	03.2018		

ISSUE STATUS:

FOR RESOURCE CONSENT

PROJECT No:	SCALES:	A1
9820-141842-01	1:500 - A1 1:1000 - A3	
DRAWING No:	REV	
141842-WS606	3	





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NOTES

1. FOR GENERAL NOTES REFER TO DRAWING 141842-WW500

LEGEND

— WW —

NEW WASTEWATER

— SW —

NEW STORMWATER

— WS —

NEW WATERSUPPLY

— RM —

EXISTING WASTEWATER

— SM —

EXISTING STORMWATER

— W —


EXISTING WATERMAINS

— RM —

PROPOSED WASTEWATER RISING MAIN

— RM —

PROPOSED WASTEWATER RISING MAIN (ALTERNATIVE ROUTE)



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3	ISSUED FOR RESOURCE CONSENT	CRW	18.05.18
2	ISSUED FOR RESOURCE CONSENT	CRW	27.04.18
1	FOR INFORMATION	CRW	19.03.18
REF	REVISIONS	BY	DATE

PROJECT:

WESTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON

TITLE:

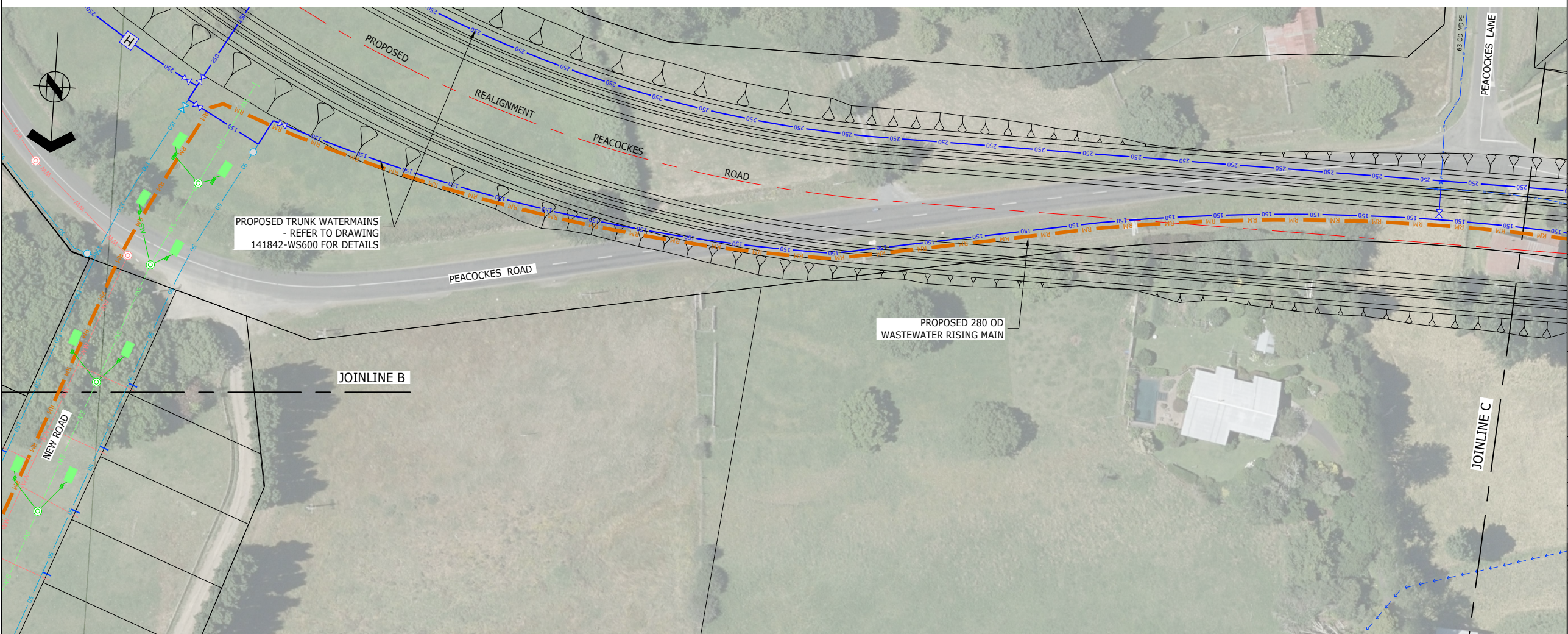
WASTEWATER
TRUNK RISING MAIN
SHEET 1 OF 14


ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
CRW	03.2018		MNP
DRAWN:	DATE:	SIGNED:	PLOT DATE:
MNP	03.2018		08.05.18
CHECKED:	DATE:	SIGNED:	SURVEY BY:
GWP	03.2018		
APPROVED:	DATE:	SIGNED:	SURVEY DATE:
NKT	03.2018		

ISSUE STATUS:

FOR RESOURCE CONSENT

PROJECT No:	SCALES:	A1
9820-141842-01	1:500 - A1 1:1000 - A3	
DRAWING No:	REV	
141842-WW501	3	





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NOTES

1. FOR GENERAL NOTES REFER TO DRAWING 141842-WW500

LEGEND

— WW —

NEW WASTEWATER

— SW —

NEW STORMWATER

— WS —

NEW WATERSUPPLY

— WW —

EXISTING WASTEWATER

— SW —

EXISTING STORMWATER

— WS —


EXISTING WATERMAINS

— RM —

PROPOSED WASTEWATER RISING MAIN

— RM —

PROPOSED WASTEWATER RISING MAIN (ALTERNATIVE ROUTE)



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2	ISSUED FOR RESOURCE CONSENT	CRW	27.04.18
1	FOR INFORMATION	CRW	19.03.18
REF	REVISIONS	BY	DATE

PROJECT:

**WESTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON**

TITLE:

**WASTEWATER
TRUNK RISING MAIN
SHEET 2 OF 14**

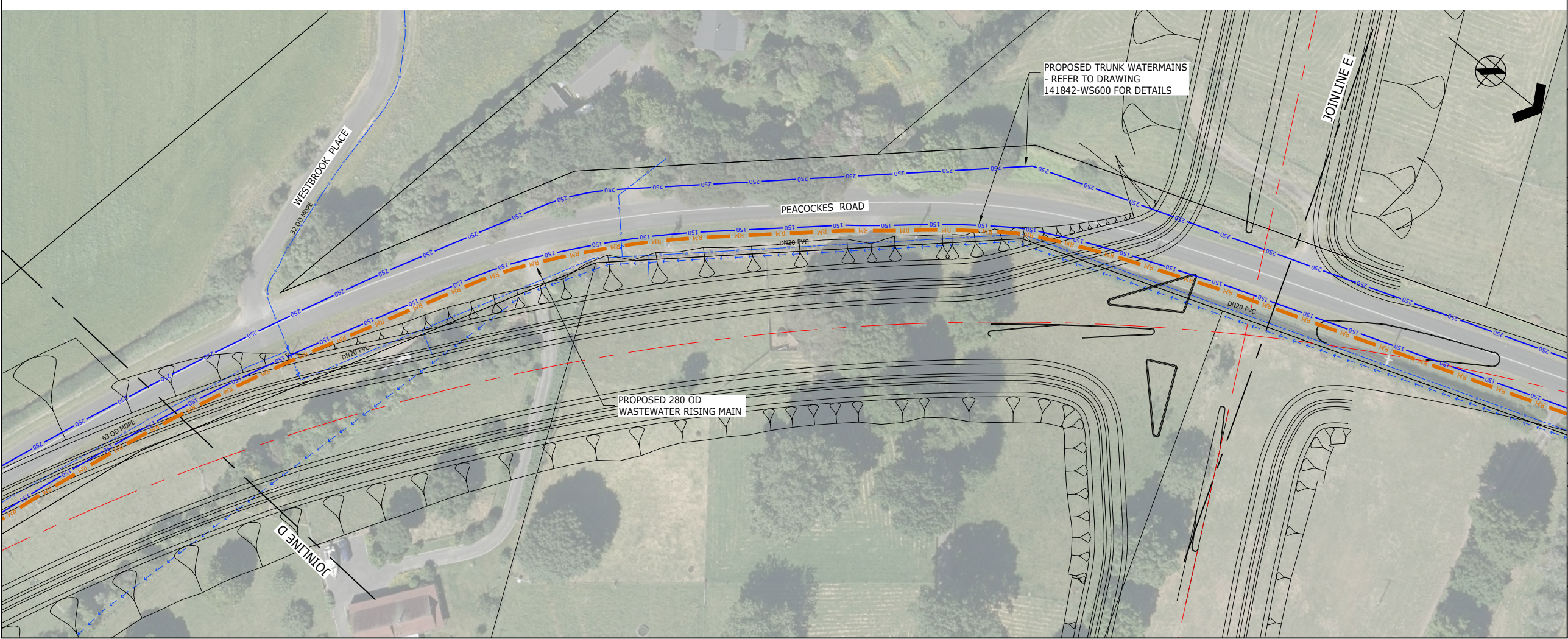
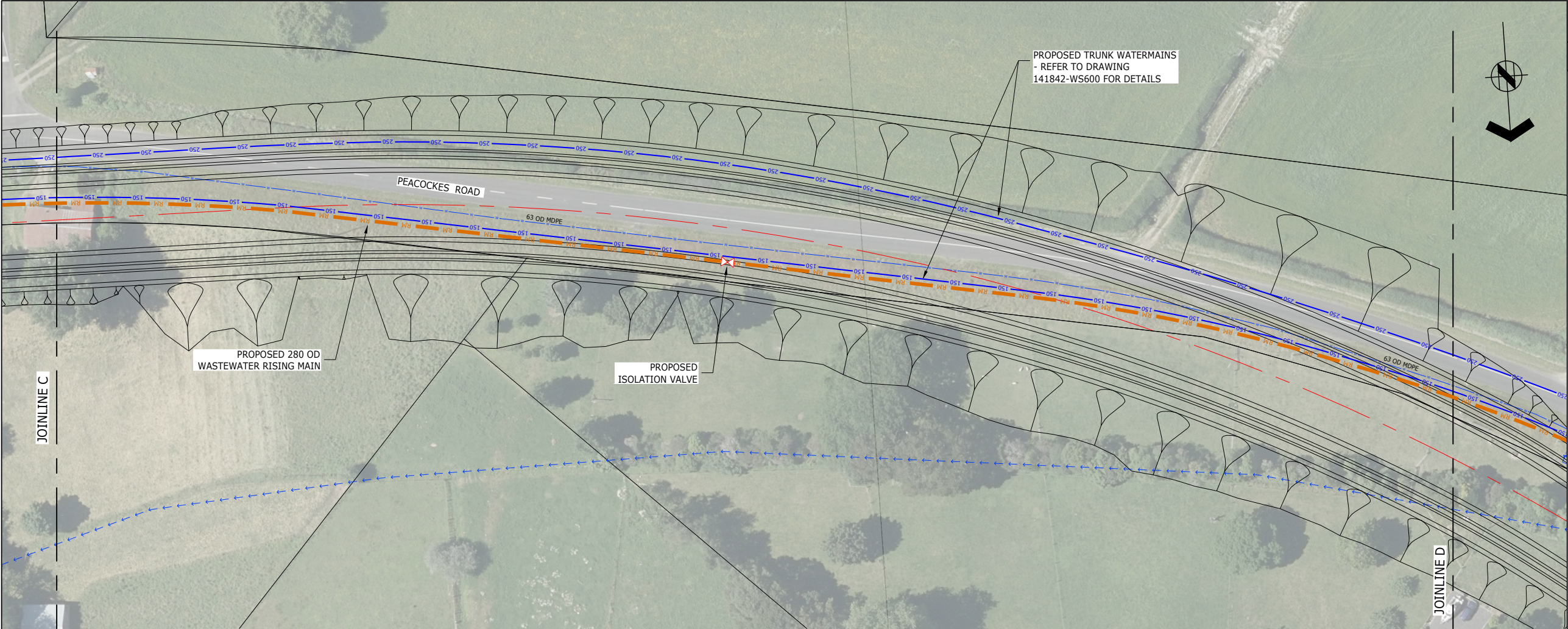
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CRW	03.2018		MNP
DRAWN:	DATE:	SIGNED:	PLOT DATE:
MNP	03.2018		14.05.18
CHECKED:	DATE:	SIGNED:	SURVEY BY:
GWP	03.2018		
APPROVED:	DATE:	SIGNED:	SURVEY DATE:
NKT	03.2018		

ISSUE STATUS:

FOR RESOURCE CONSENT

PROJECT No:	SCALES:	A1
9820-141842-01	1:500 - A1 1:1000 - A3	
DRAWING No:	REV	
141842-WW502	3	

REFER TO APPROVED MASTER DRAWINGS FOR ORIGINAL SIGNATURES File: NEWMARKET C:\12DSYNERGY\WORKSPACE\1\9820-141842_1\CAD\CURRENT\141842-WW500.DWG





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NOTES

1. FOR GENERAL NOTES REFER TO DRAWING 141842-WW500

LEGEND

EXISTING WASTEWATER

EXISTING STORMWATER

EXISTING WATERMAINS

PROPOSED WASTEWATER RISING MAIN

PROPOSED WASTEWATER RISING MAIN (ALTERNATIVE ROUTE)

HC

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3	ISSUED FOR RESOURCE CONSENT	CRW	18.05.18
2	ISSUED FOR RESOURCE CONSENT	CRW	27.04.18
1	FOR INFORMATION	CRW	19.03.18
REF	REVISIONS	BY	DATE

PROJECT:

WESTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON

TITLE:

WASTEWATER
TRUNK RISING MAIN
SHEET 3 OF 14

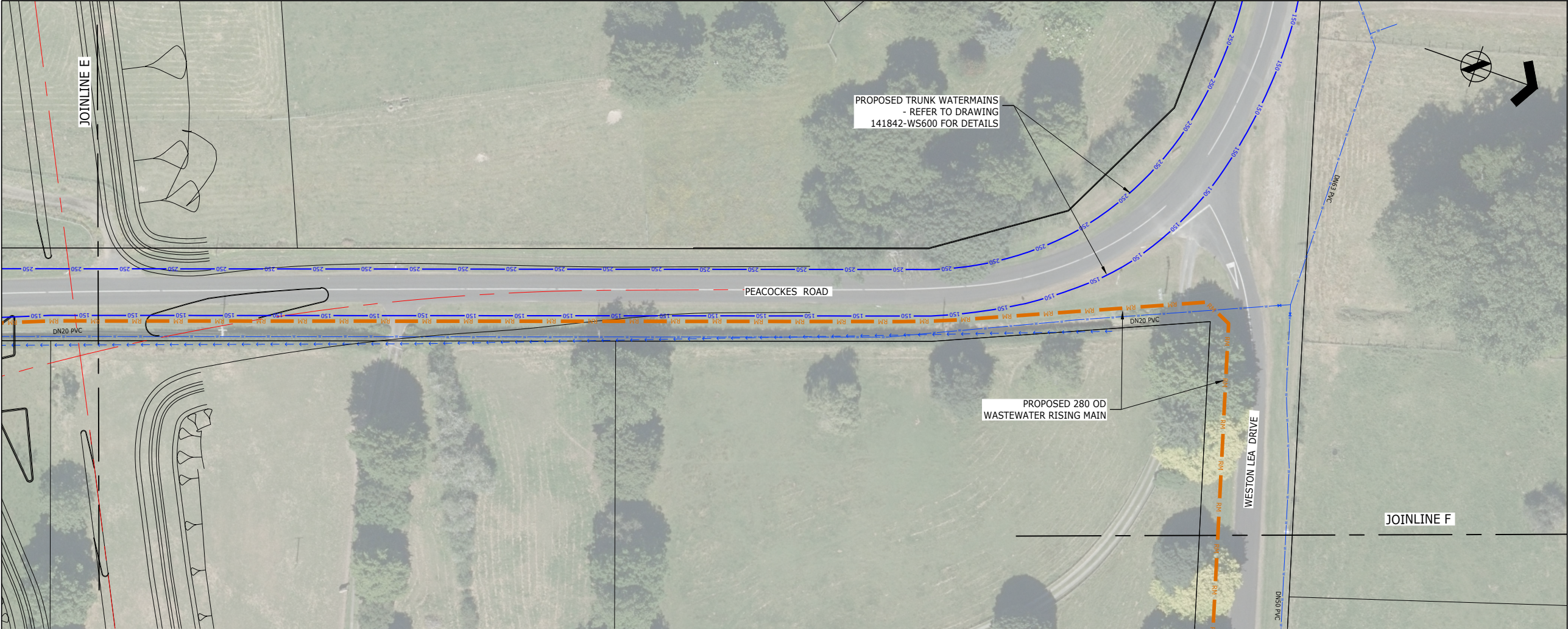
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CRW	03.2018		MNP
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MNP	03.2018		08.05.18
CHECKED:	DATE:	SIGNED:	SURVEY BY:
GWP	03.2018		
APPROVED:	DATE:	SIGNED:	SURVEY DATE:
NKT	03.2018		


ISSUE STATUS:

FOR RESOURCE CONSENT

PROJECT No:	SCALES:	A1
9820-141842-01	1:500 - A1 1:1000 - A3	
DRAWING No:		REV
141842-WW503		3

REFER TO APPROVED MASTER DRAWINGS FOR ORIGINAL SIGNATURES File: NEWMARKET C:\12DSYNERGY\WORKSPACE\1\9820-141842_1\CAD\CURRENT\141842-WW500.DWG





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NOTES

1. FOR GENERAL NOTES REFER TO DRAWING 141842-WW500

LEGEND


EXISTING WASTEWATER

EXISTING STORMWATER

EXISTING WATERMAINS

PROPOSED WASTEWATER RISING MAIN

PROPOSED WASTEWATER RISING MAIN (ALTERNATIVE ROUTE)



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4	RISING MAIN ALIGNMENT UPDATED	CRW	13.06.18
3	ISSUED FOR RESOURCE CONSENT	CRW	18.05.18
2	ISSUED FOR RESOURCE CONSENT	CRW	27.04.18
1	FOR INFORMATION	CRW	19.03.18
REF	REVISIONS	BY	DATE

PROJECT:

WESTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON

TITLE:

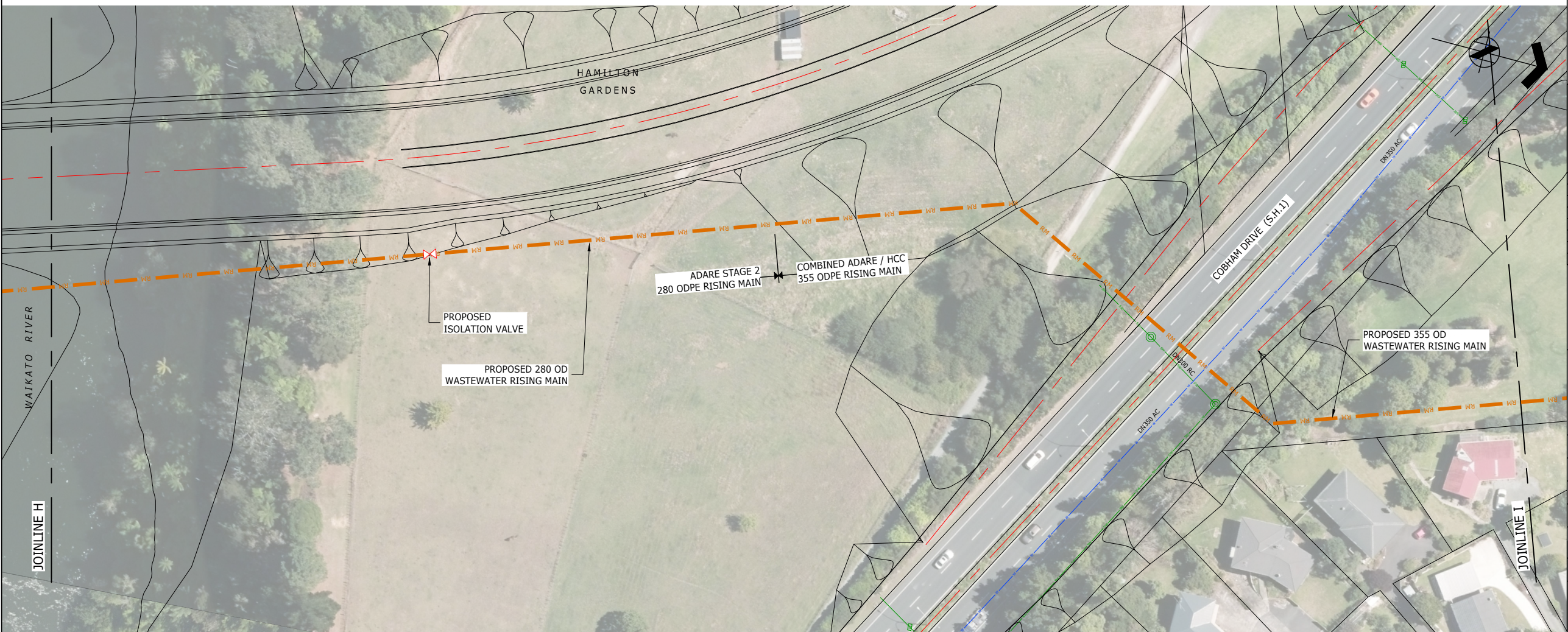
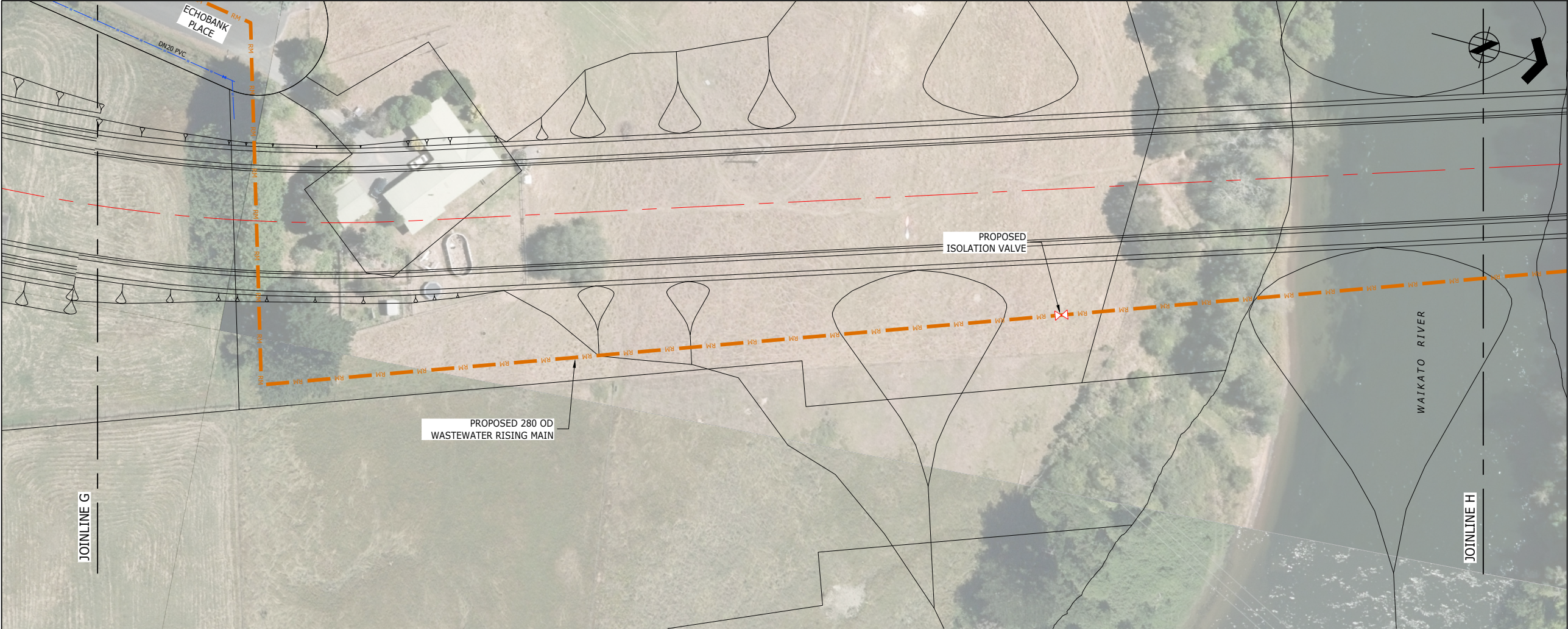
WASTEWATER
TRUNK RISING MAIN
SHEET 4 OF 14


ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
CRW	03.2018		MNP
DRAWN:	DATE:	SIGNED:	PLOT DATE:
MNP	03.2018		13.06.18
CHECKED:	DATE:	SIGNED:	SURVEY BY:
GWP	03.2018		
APPROVED:	DATE:	SIGNED:	SURVEY DATE:
NKT	03.2018		

ISSUE STATUS:

FOR RESOURCE CONSENT

PROJECT No:	SCALES:	A1
9820-141842-01	1:500 - A1 1:1000 - A3	
DRAWING No:		REV
141842-WW504		4





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NOTES

1. FOR GENERAL NOTES REFER TO DRAWING 141842-WW500

LEGEND

- EXISTING WASTEWATER
- EXISTING STORMWATER
- EXISTING WATERMAINS
- PROPOSED WASTEWATER RISING MAIN
- PROPOSED WASTEWATER RISING MAIN (ALTERNATIVE ROUTE)



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4	RISING MAIN ALIGNMENT UPDATED	CRW	13.06.18
3	ISSUED FOR RESOURCE CONSENT	CRW	18.05.18
2	ISSUED FOR RESOURCE CONSENT	CRW	27.04.18
1	FOR INFORMATION	CRW	19.03.18
REF	REVISIONS	BY	DATE

PROJECT:

WESTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON

TITLE:

WASTEWATER
TRUNK RISING MAIN
SHEET 5 OF 14


ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
CRW	03.2018		MNP
DRAWN:	DATE:	SIGNED:	PLOT DATE:
MNP	03.2018		13.06.18
CHECKED:	DATE:	SIGNED:	SURVEY BY:
GWP	03.2018		
APPROVED:	DATE:	SIGNED:	SURVEY DATE:
NKT	03.2018		

ISSUE STATUS:

FOR RESOURCE CONSENT

PROJECT No:	SCALES:	A1
9820-141842-01	1:500 - A1 1:1000 - A3	
DRAWING No:		REV
141842-WW505		4





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NOTES

1. FOR GENERAL NOTES REFER TO DRAWING 141842-WW500

LEGEND


EXISTING WASTEWATER

EXISTING STORMWATER

EXISTING WATERMAINS

PROPOSED WASTEWATER RISING MAIN

PROPOSED WASTEWATER RISING MAIN (ALTERNATIVE ROUTE)



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3	ISSUED FOR RESOURCE CONSENT	CRW	18.05.18
2	ISSUED FOR RESOURCE CONSENT	CRW	27.04.18
1	FOR INFORMATION	CRW	19.03.18
REF	REVISIONS	BY	DATE

PROJECT:

WESTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON

TITLE:

WASTEWATER
TRUNK RISING MAIN
SHEET 7 OF 14

ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
CRW	03.2018		MNP
DRAWN:	DATE:	SIGNED:	PLOT DATE:
MNP	03.2018		08.05.18
CHECKED:	DATE:	SIGNED:	SURVEY BY:
GWP	03.2018		
APPROVED:	DATE:	SIGNED:	SURVEY DATE:
NKT	03.2018		


ISSUE STATUS:

FOR RESOURCE CONSENT

PROJECT No:	SCALES:	A1
9820-141842-01	1:500 - A1 1:1000 - A3	
DRAWING No:	REV	
141842-WW507	3	

REFER TO APPROVED MASTER DRAWINGS FOR ORIGINAL SIGNATURES File: NEWMARKET C:\12DSY\ENERGY\WORKSPACE\1\9820-141842_1\CAD\CURRENT\141842-WW500.DWG





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NOTES

1. FOR GENERAL NOTES REFER TO DRAWING 141842-WW500

LEGEND

- EXISTING WASTEWATER
- EXISTING STORMWATER
- EXISTING WATERMAINS
- PROPOSED WASTEWATER RISING MAIN
- PROPOSED WASTEWATER RISING MAIN (ALTERNATIVE ROUTE)



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3	ISSUED FOR RESOURCE CONSENT	CRW	18.05.18
2	ISSUED FOR RESOURCE CONSENT	CRW	27.04.18
1	FOR INFORMATION	CRW	19.03.18
REF	REVISIONS	BY	DATE

PROJECT:

WESTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON

TITLE:

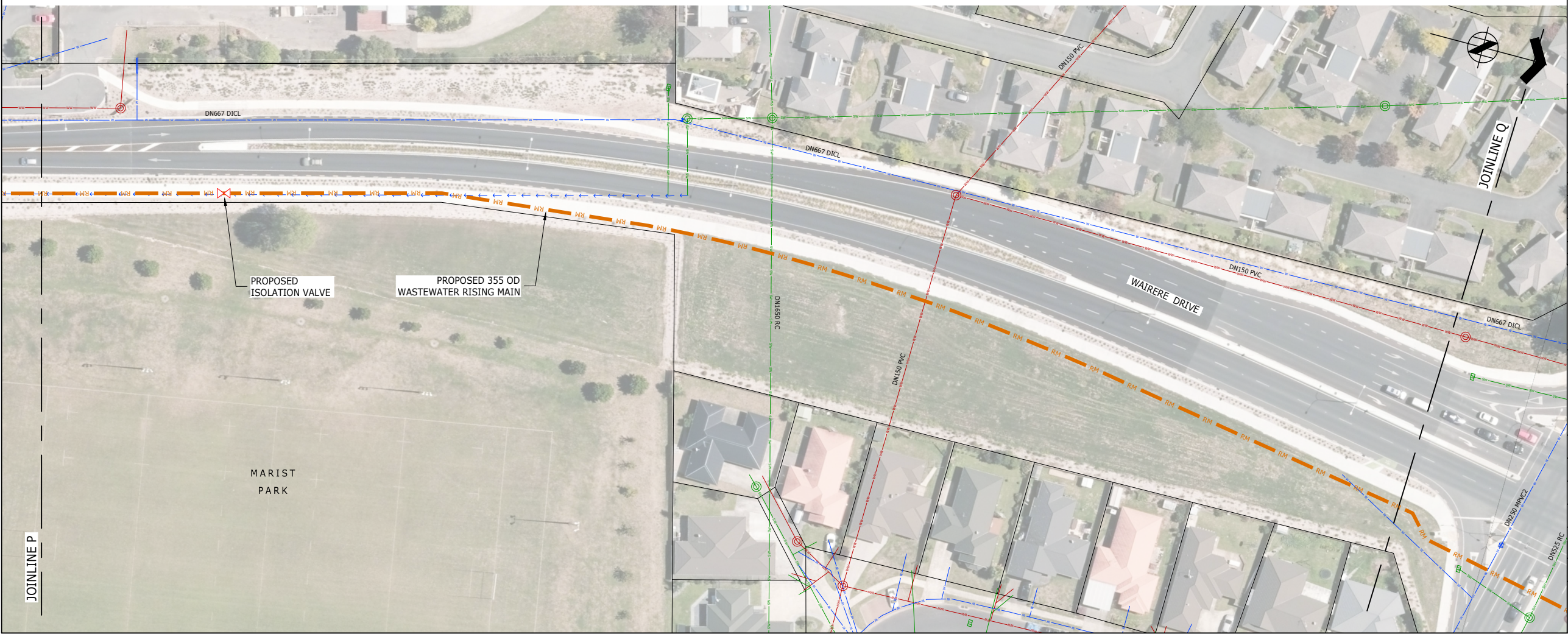
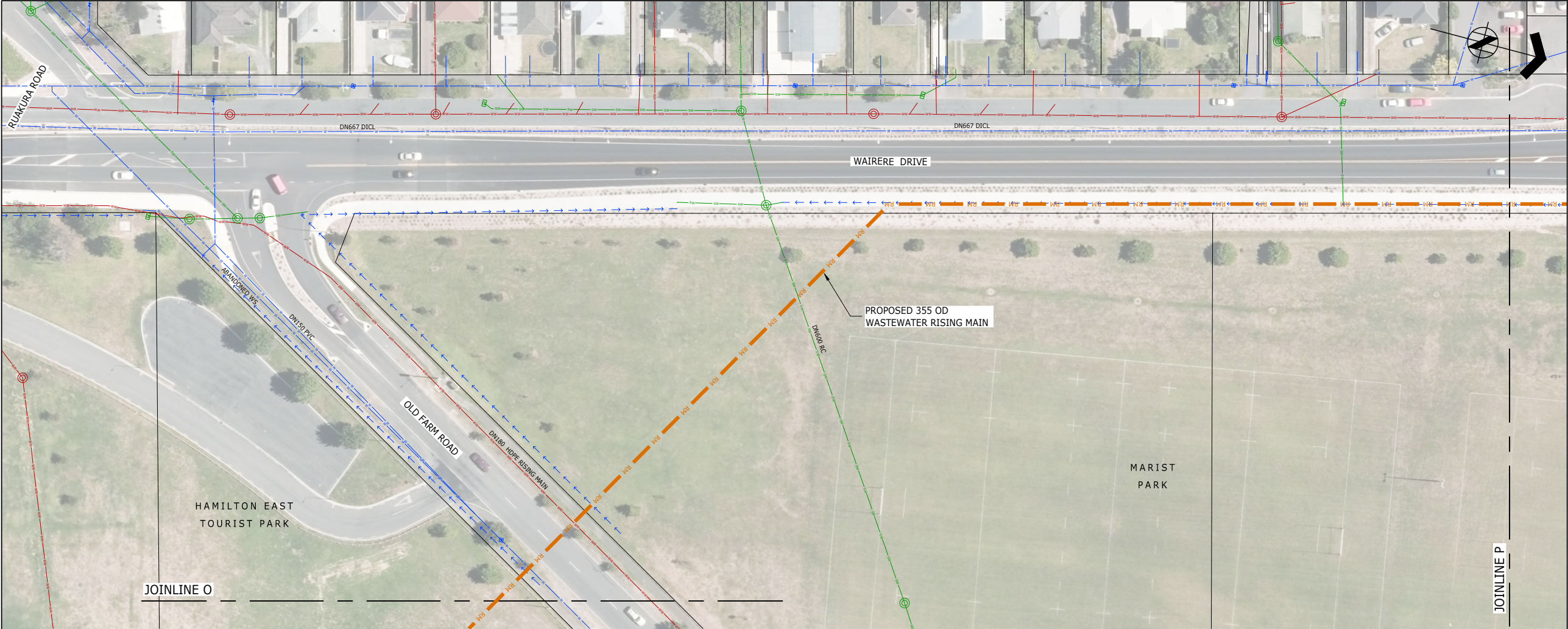
WASTEWATER
TRUNK RISING MAIN
SHEET 8 OF 14


ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
CRW	03.2018		MNP
DRAWN:	DATE:	SIGNED:	PLOT DATE:
MNP	03.2018		08.05.18
CHECKED:	DATE:	SIGNED:	SURVEY BY:
GWP	03.2018		
APPROVED:	DATE:	SIGNED:	SURVEY DATE:
NKT	03.2018		

ISSUE STATUS:

FOR RESOURCE CONSENT

PROJECT No:	SCALES:	A1
9820-141842-01	1:500 - A1 1:1000 - A3	
DRAWING No:	141842-WW508	REV
		3





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NOTES

1. FOR GENERAL NOTES REFER TO DRAWING 141842-WW500

LEGEND

- EXISTING WASTEWATER
- EXISTING STORMWATER
- EXISTING WATERMAINS
- PROPOSED WASTEWATER RISING MAIN
- PROPOSED WASTEWATER RISING MAIN (ALTERNATIVE ROUTE)



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3	ISSUED FOR RESOURCE CONSENT	CRW	18.05.18
2	ISSUED FOR RESOURCE CONSENT	CRW	27.04.18
1	FOR INFORMATION	CRW	19.03.18
REF	REVISIONS	BY	DATE

PROJECT:

WESTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON

TITLE:

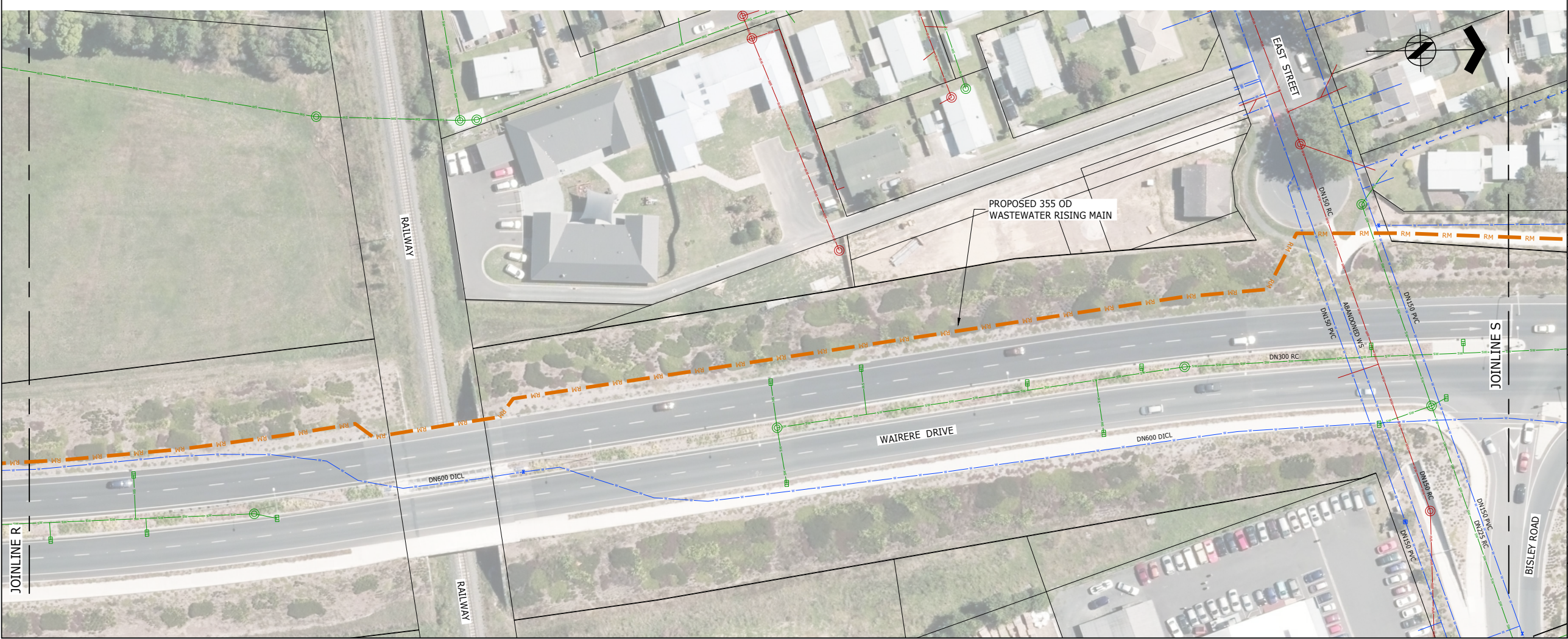
WASTEWATER
TRUNK RISING MAIN
SHEET 9 OF 14


ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
CRW	03.2018		MNP
DRAWN:	DATE:	SIGNED:	PLOT DATE:
MNP	03.2018		08.05.18
CHECKED:	DATE:	SIGNED:	SURVEY BY:
GWP	03.2018		
APPROVED:	DATE:	SIGNED:	SURVEY DATE:
NKT	03.2018		

ISSUE STATUS:

FOR RESOURCE CONSENT

PROJECT No:	SCALES:	A1
9820-141842-01	1:500 - A1 1:1000 - A3	
DRAWING No:		REV
141842-WW509		3





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NOTES

1. FOR GENERAL NOTES REFER TO DRAWING 141842-WW500

LEGEND

EXISTING WASTEWATER
EXISTING STORMWATER
EXISTING WATERMAINS
PROPOSED WASTEWATER RISING MAIN
PROPOSED WASTEWATER RISING MAIN (ALTERNATIVE ROUTE)



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3	ISSUED FOR RESOURCE CONSENT	CRW	18.05.18
2	ISSUED FOR RESOURCE CONSENT	CRW	27.04.18
1	FOR INFORMATION	CRW	19.03.18
REF	REVISIONS	BY	DATE

PROJECT:

WESTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON

TITLE:

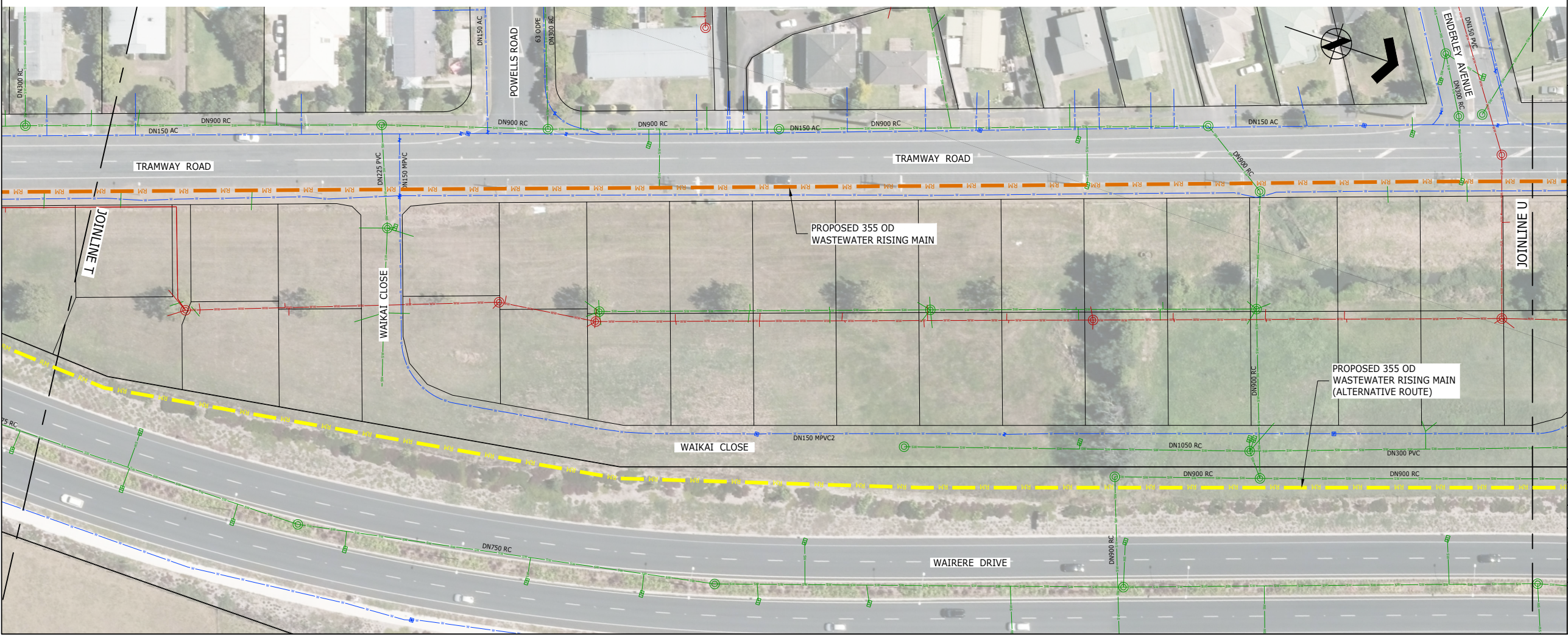
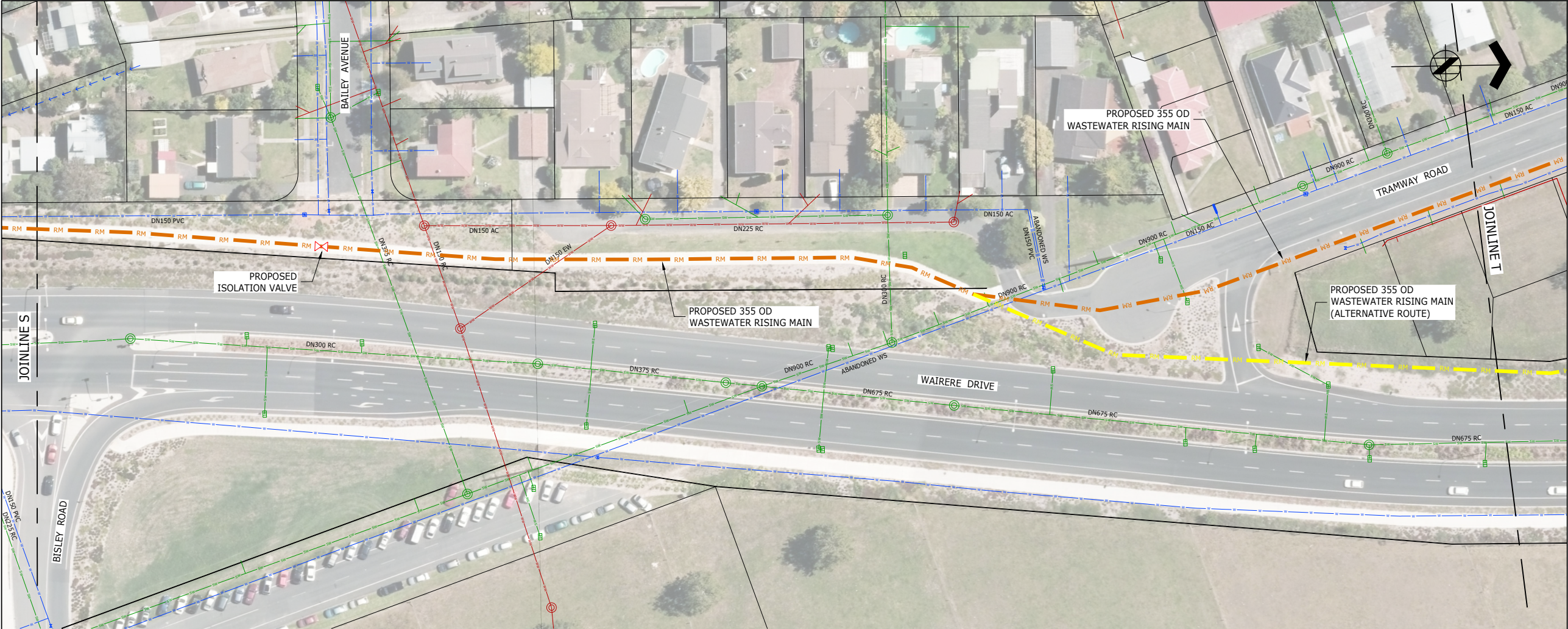
WASTEWATER
TRUNK RISING MAIN
SHEET 10 OF 14

ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
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MNP	03.2018		08.05.18
CHECKED:	DATE:	SIGNED:	SURVEY BY:
GWP	03.2018		
APPROVED:	DATE:	SIGNED:	SURVEY DATE:
NKT	03.2018		

ISSUE STATUS:

FOR RESOURCE CONSENT

PROJECT No:	SCALES:	A1
9820-141842-01	1:500 - A1 1:1000 - A3	
DRAWING No:		REV
141842-WW510		3





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NOTES

1. FOR GENERAL NOTES REFER TO DRAWING 141842-WW500

LEGEND

EXISTING WASTEWATER

EXISTING STORMWATER

EXISTING WATERMAINS

PROPOSED WASTEWATER RISING MAIN

PROPOSED WASTEWATER RISING MAIN (ALTERNATIVE ROUTE)



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3	ISSUED FOR RESOURCE CONSENT	CRW	18.05.18
2	ISSUED FOR RESOURCE CONSENT	CRW	27.04.18
1	FOR INFORMATION	CRW	19.03.18
REF	REVISIONS	BY	DATE

PROJECT:

WESTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON

TITLE:

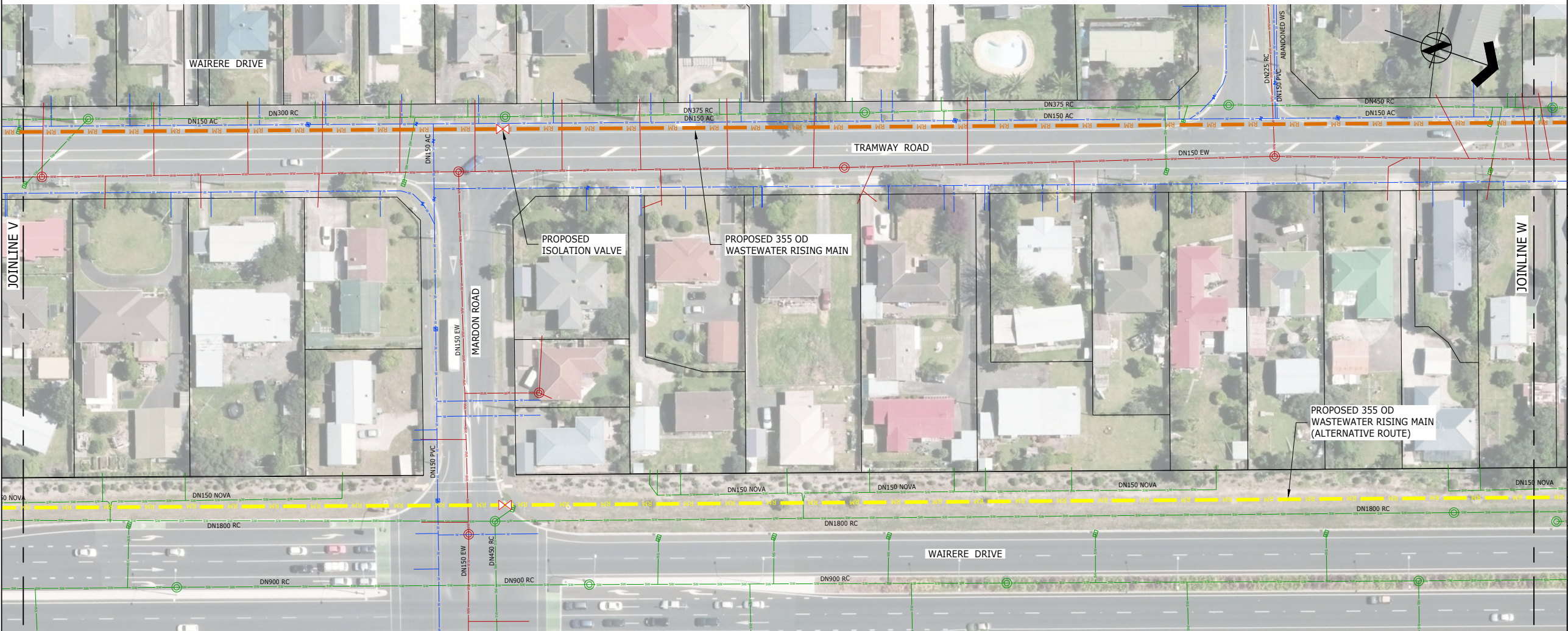
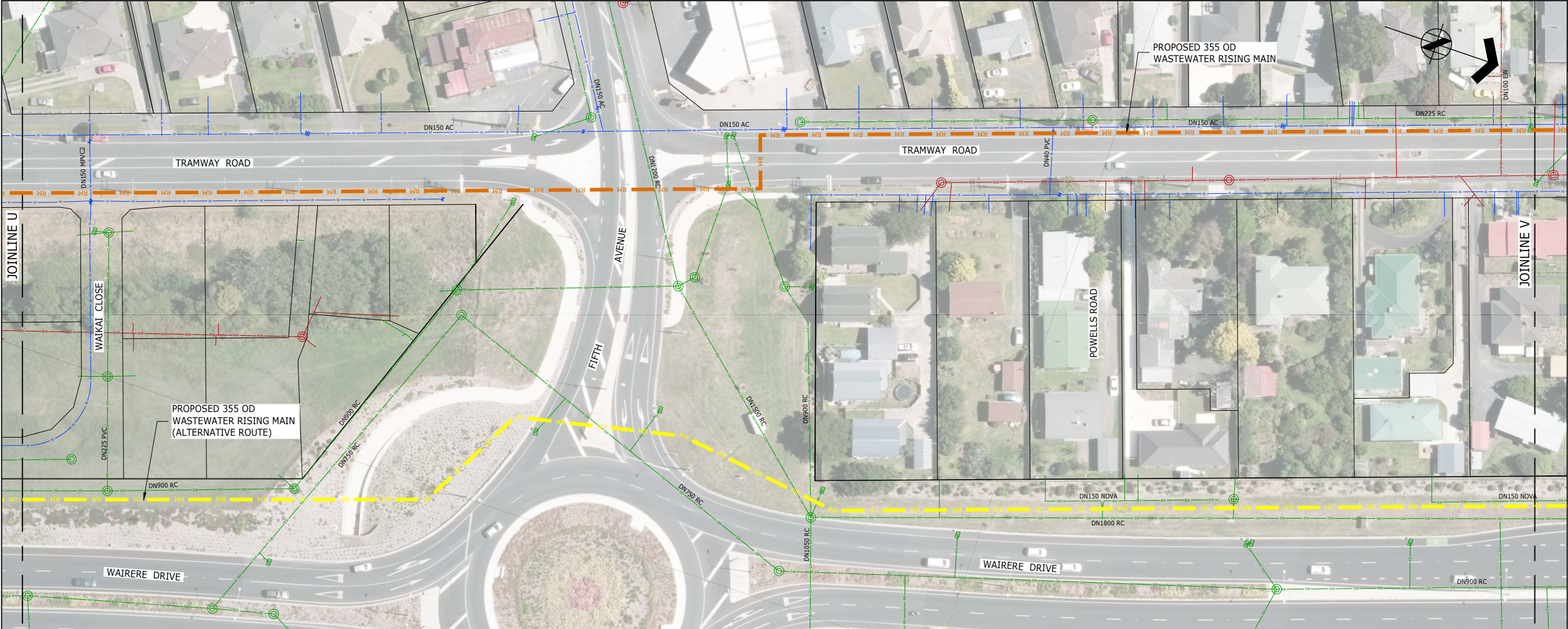
WASTEWATER
TRUNK RISING MAIN
SHEET 11 OF 14


ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
CRW	03.2018		MNP
DRAWN:	DATE:	SIGNED:	PLOT DATE:
MNP	03.2018		08.05.18
CHECKED:	DATE:	SIGNED:	SURVEY BY:
GWP	03.2018		
APPROVED:	DATE:	SIGNED:	SURVEY DATE:
NKT	03.2018		

ISSUE STATUS:

FOR RESOURCE CONSENT

PROJECT No:	SCALES:	A1
9820-141842-01	1:500 - A1 1:1000 - A3	
DRAWING No:		REV
141842-WW511		3





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NOTES

1. FOR GENERAL NOTES REFER TO DRAWING 141842-WW500

LEGEND


EXISTING WASTEWATER

EXISTING STORMWATER

EXISTING WATERMAINS

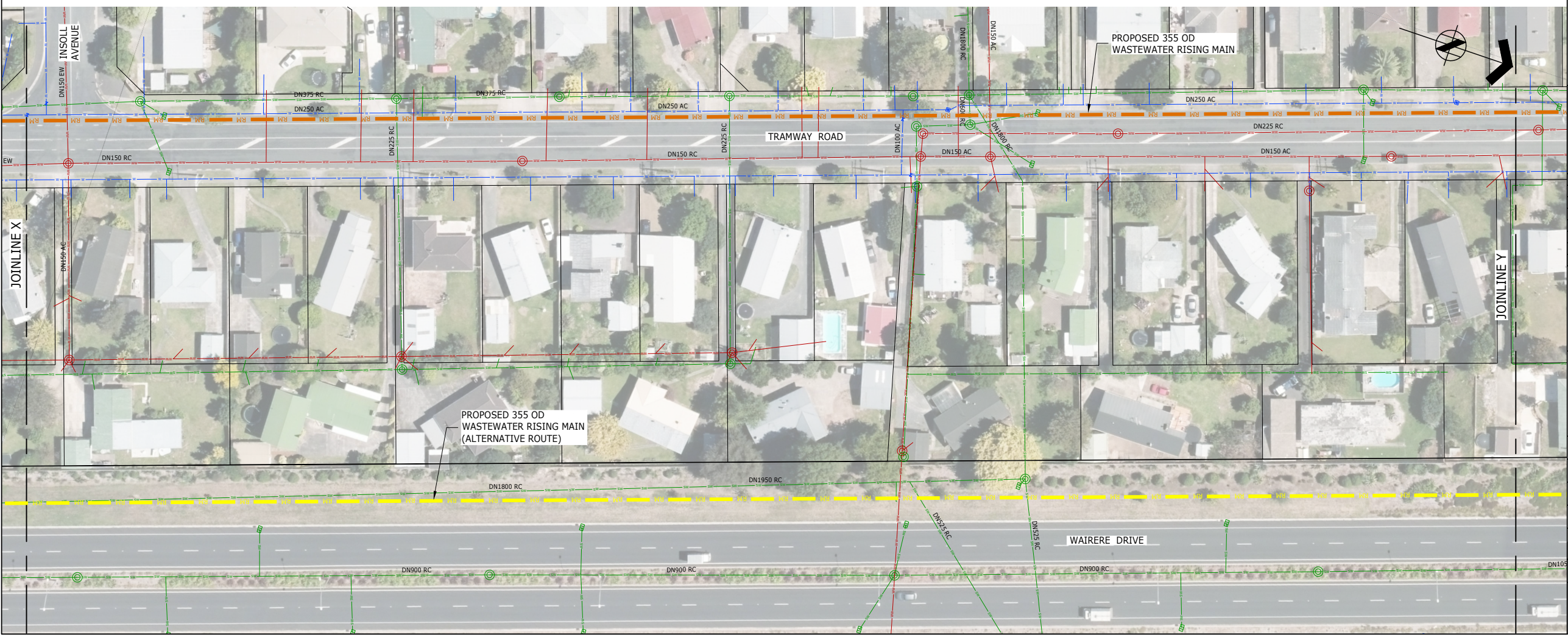
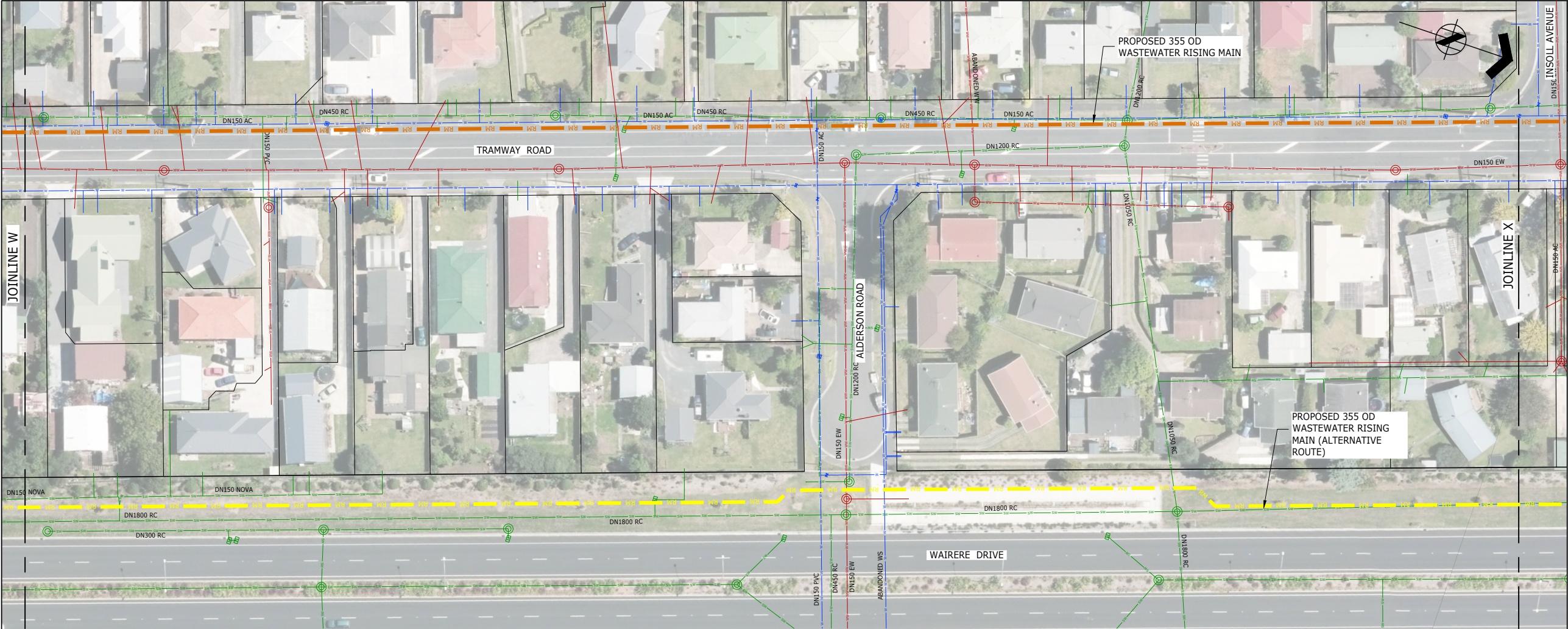
PROPOSED WASTEWATER RISING MAIN


PROPOSED WASTEWATER RISING MAIN (ALTERNATIVE ROUTE)



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3	ISSUED FOR RESOURCE CONSENT	CRW	18.05.18
2	ISSUED FOR RESOURCE CONSENT	CRW	27.04.18
1	FOR INFORMATION	CRW	19.03.18
REF	REVISIONS	BY	DATE
PROJECT:			
WESTON LEA LTD AMBERFIELD PEACOCKE RD HAMILTON			
TITLE:			
WASTEWATER TRUNK RISING MAIN SHEET 12 OF 14			
ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
CRW	03.2018		MNP
DRAWN:	DATE:	SIGNED:	PLOT DATE:
MNP	03.2018		08.05.18
CHECKED:	DATE:	SIGNED:	SURVEY BY:
GWP	03.2018		
APPROVED:	DATE:	SIGNED:	SURVEY DATE:
NKT	03.2018		
ISSUE STATUS:			
FOR RESOURCE CONSENT			
PROJECT No:		SCALES:	A1
9820-141842-01		1:500 - A1 1:1000 - A3	
DRAWING No:			REV
141842-WW512			3





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NOTES

1. FOR GENERAL NOTES REFER TO DRAWING 141842-WW500

LEGEND

- EXISTING WASTEWATER
- EXISTING STORMWATER
- EXISTING WATERMAINS
- PROPOSED WASTEWATER RISING MAIN
- PROPOSED WASTEWATER RISING MAIN (ALTERNATIVE ROUTE)



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3	ISSUED FOR RESOURCE CONSENT	CRW	18.05.18
2	ISSUED FOR RESOURCE CONSENT	CRW	27.04.18
1	FOR INFORMATION	CRW	19.03.18
REF	REVISIONS	BY	DATE

PROJECT:

WESTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON

TITLE:

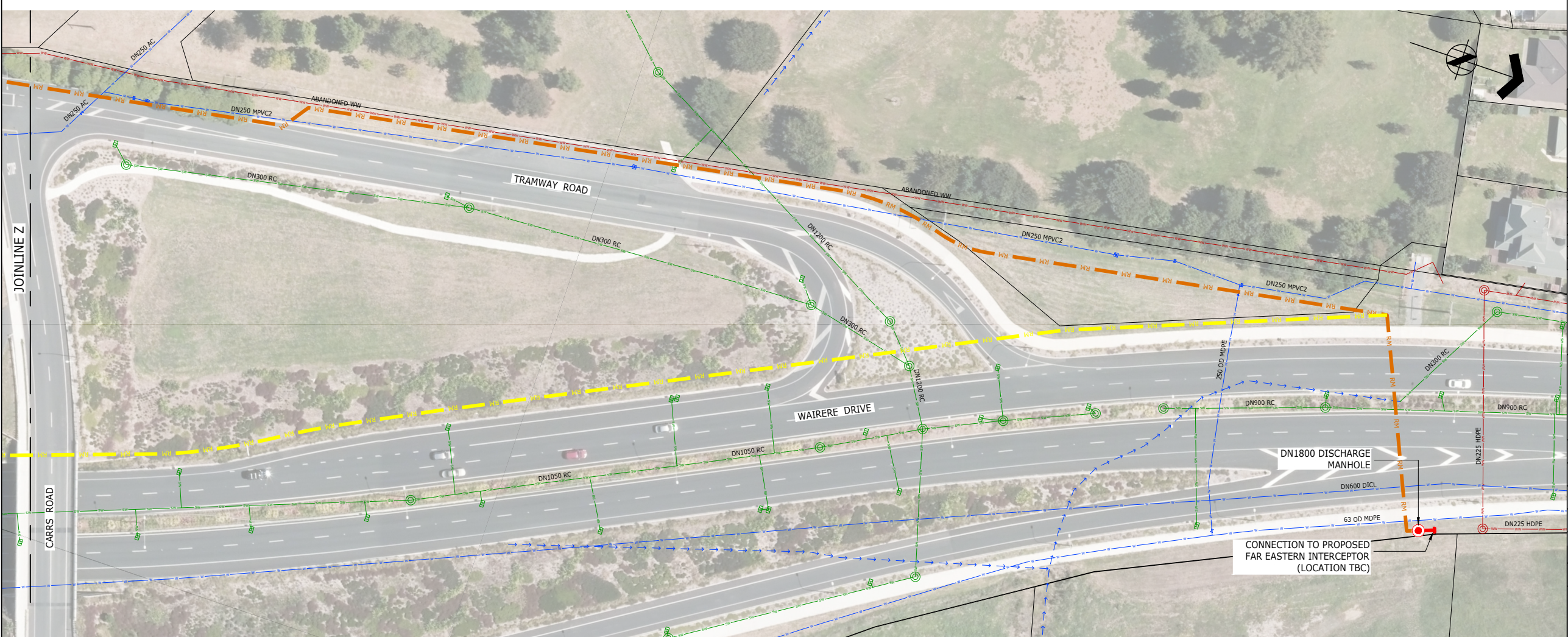
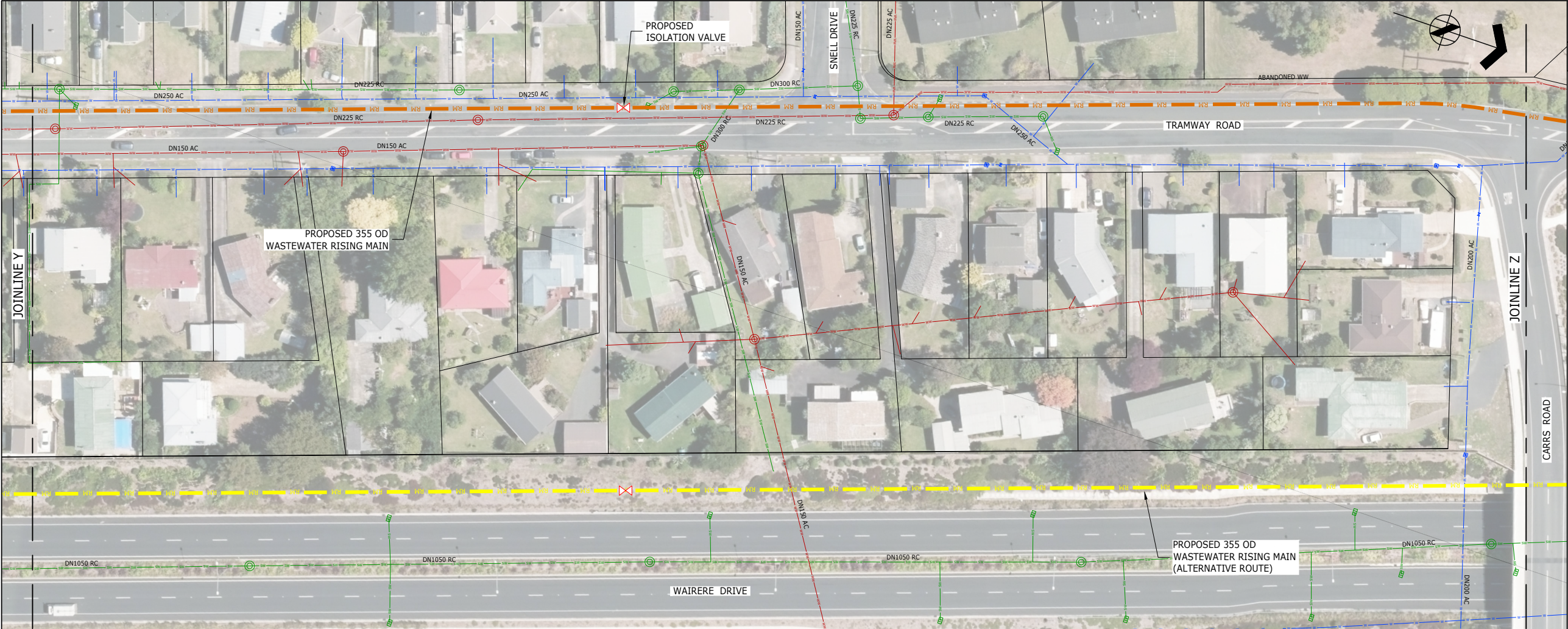
WASTEWATER
TRUNK RISING MAIN
SHEET 13 OF 14

ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
CRW	03.2018		MNP
DRAWN:	DATE:	SIGNED:	PLOT DATE:
MNP	03.2018		08.05.18
CHECKED:	DATE:	SIGNED:	SURVEY BY:
GWP	03.2018		
APPROVED:	DATE:	SIGNED:	SURVEY DATE:
NKT	03.2018		

ISSUE STATUS:

FOR RESOURCE CONSENT

PROJECT No:	SCALES:	A1
9820-141842-01	1:500 - A1 1:1000 - A3	
DRAWING No:		REV
141842-WW513		3








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NOTES

1. FOR GENERAL NOTES REFER TO DRAWING 141842-WW500

LEGEND

-  EXISTING WASTEWATER
-  EXISTING STORMWATER
-  EXISTING WATERMAINS
-  PROPOSED WASTEWATER RISING MAIN
-  PROPOSED WASTEWATER RISING MAIN (ALTERNATIVE ROUTE)

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3	ISSUED FOR RESOURCE CONSENT	CRW	18.05.18
2	ISSUED FOR RESOURCE CONSENT	CRW	27.04.18
1	FOR INFORMATION	CRW	19.03.18
REF	REVISIONS	BY	DATE

PROJECT:

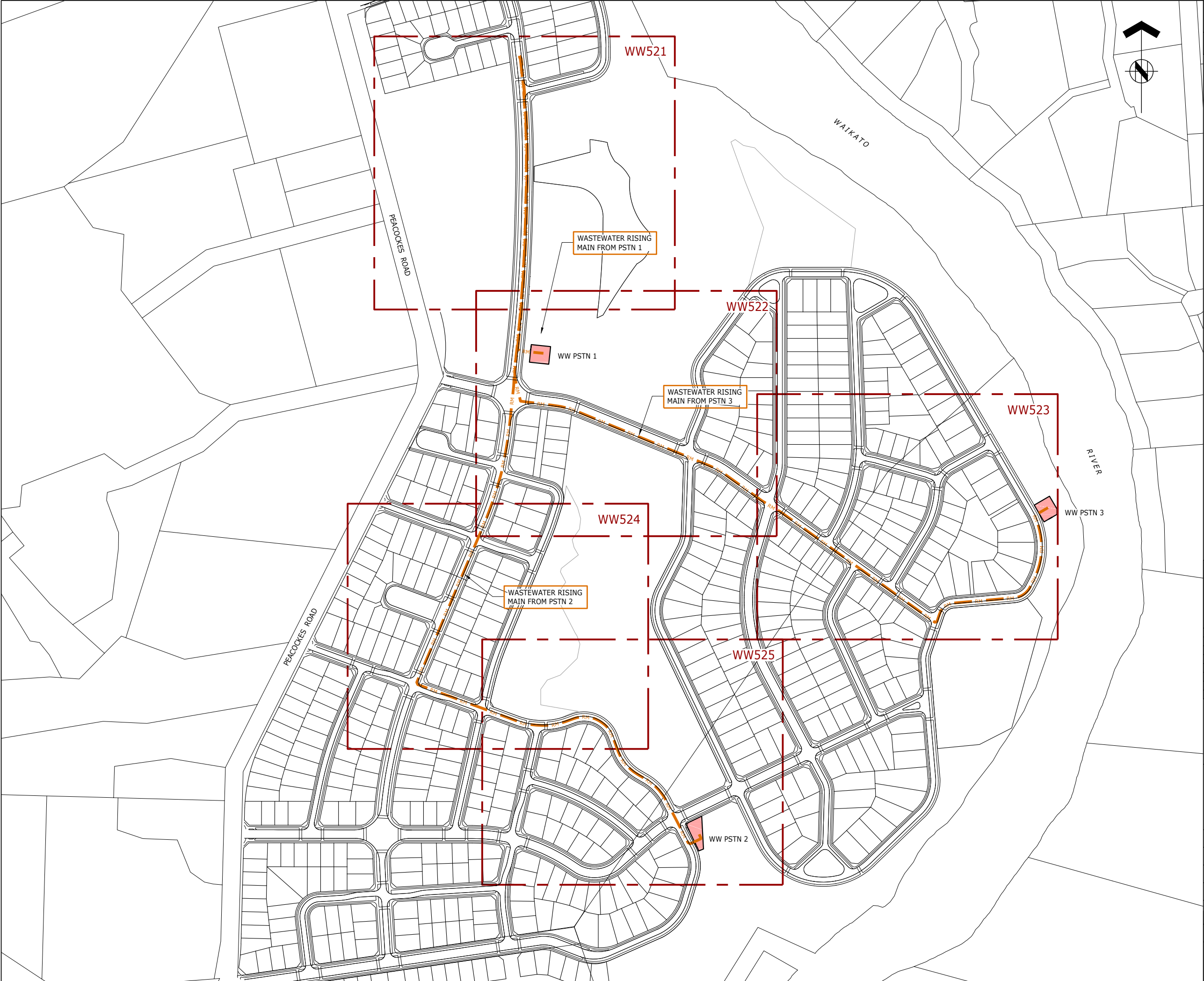
WESTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON

TITLE:

WASTEWATER
TRUNK RISING MAIN
SHEET 14 OF 14

ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
CRW	03.2018		MNP
DRAWN:	DATE:	SIGNED:	PLOT DATE:
MNP	03.2018		08.05.18
CHECKED:	DATE:	SIGNED:	SURVEY BY:
GWP	03.2018		
APPROVED:	DATE:	SIGNED:	SURVEY DATE:
NKT	03.2018		

ISSUE STATUS:			FOR RESOURCE CONSENT
PROJECT No:	SCALES:		A1
9820-141842-01	1:500 - A1 1:1000 - A3		
DRAWING No:			REV
141842-WW514			3





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NOTES

- ALL WORKS AND MATERIALS ARE TO COMPLY WITH HAMILTON CITY COUNCIL STANDARDS CURRENT AT TIME OF APPROVAL.
- MINIMUM COVER FOR RISING MAINS IS 0.9m
- AIR AND SCOUR VALVES ARE NOT SHOWN.
- RISING MAINS ARE TO DISCHARGE INTO A DISCHARGE MANHOLE BUILT TO HAMILTON CITY COUNCIL STANDARD DETAIL D5.9.



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2	ISSUED FOR RESOURCE CONSENT	CRW	27.04.18
1	FOR INFORMATION ONLY	CRW	26.03.18
REF	REVISIONS	BY	DATE

PROJECT:

WESTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON

TITLE:

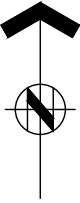
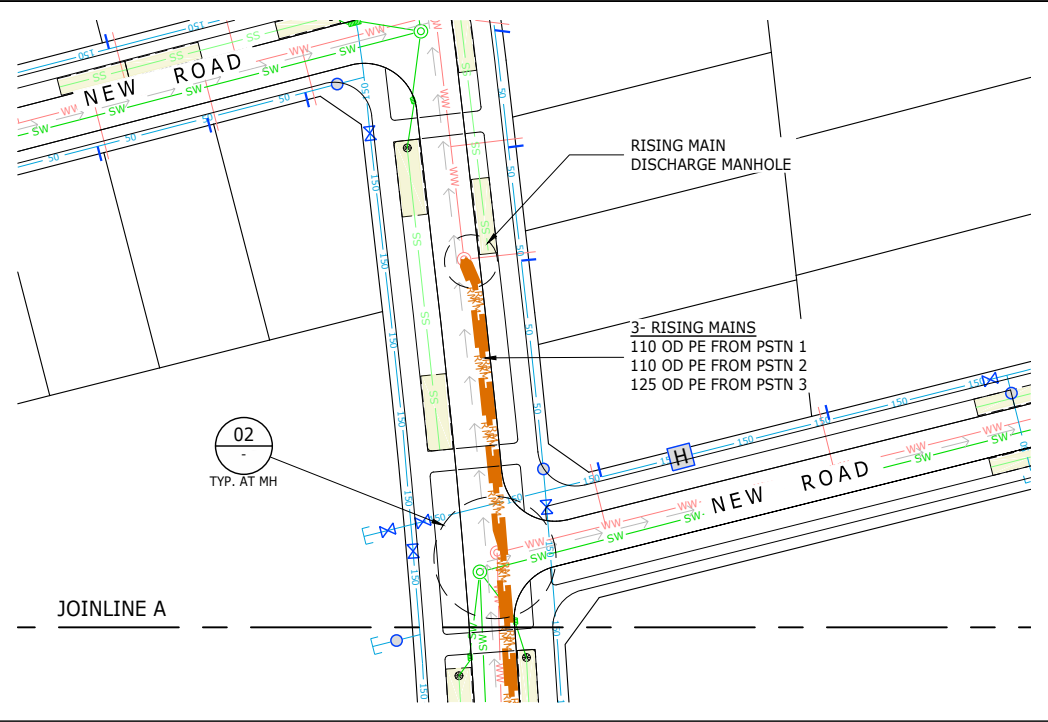
WASTEWATER
RISING MAINS - PSTN's 1 - 3
INDEX PLAN

ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
CRW	03.2018		MNP
DRAWN:	DATE:	SIGNED:	PLOT DATE:
MNP	03.2018		08.05.18
CHECKED:	DATE:	SIGNED:	SURVEY BY:
GWP	03.2018		
APPROVED:	DATE:	SIGNED:	SURVEY DATE:
NKT	03.2018		

ISSUE STATUS:

FOR RESOURCE CONSENT

PROJECT No:	SCALES:	A1
9820-141842-01	1:2000 - A1 1:4000 - A3	
DRAWING No:	REV	
141842-WW520	3	



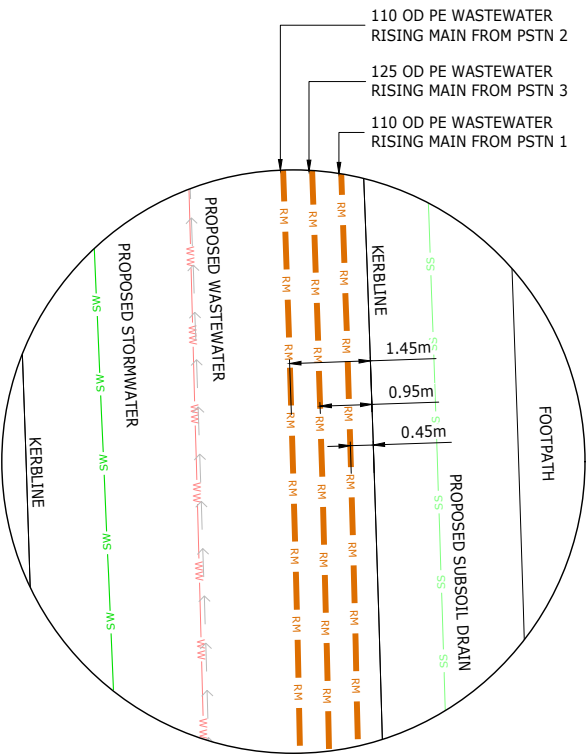
JOINLINE A

01
TYP.

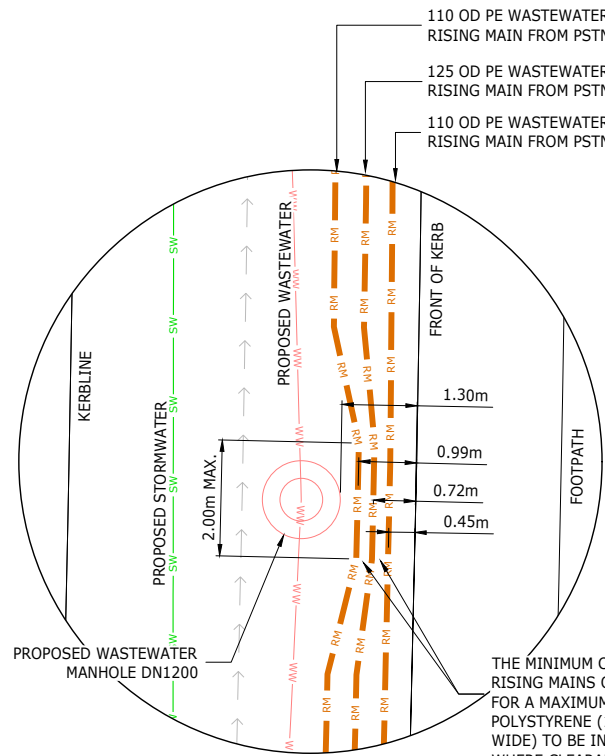
02
TYP. AT MH

3- RISING MAINS
110 OD PE FROM PSTN 1
110 OD PE FROM PSTN 2
125 OD PE FROM PSTN 3

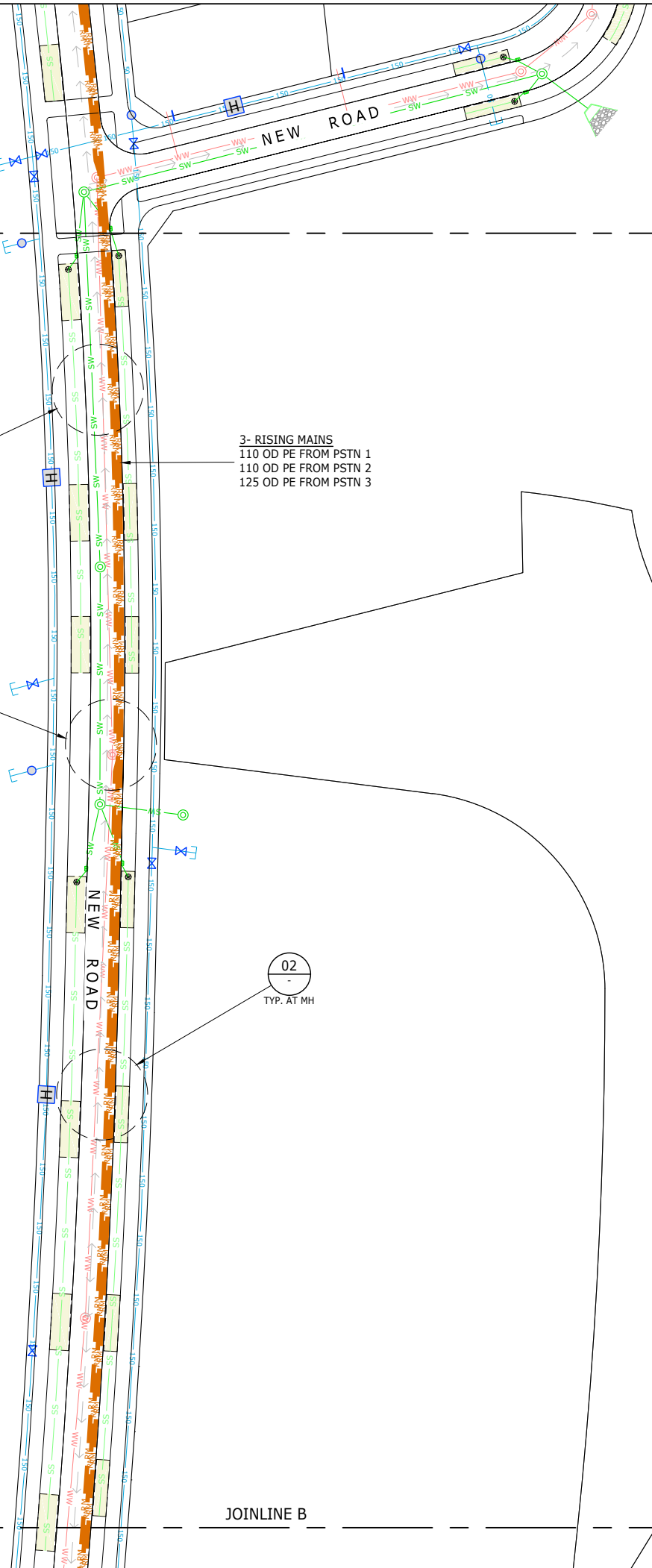
02
TYP. AT MH



01
RISING MAIN ALIGNMENT
TYPICAL SPACING
SCALE N.T.S.



02
RISING MAIN ALIGNMENT
TYPICAL SPACING AT MANHOLE LOCATIONS
SCALE N.T.S.



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NOTES

- FOR GENERAL NOTES REFER TO DRAWING 141842-WW520

LEGEND

- WW NEW WASTEWATER
- SW NEW STORMWATER
- NEW WATERSUPPLY
- RM PROPOSED RISING MAIN



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2	ISSUED FOR RESOURCE CONSENT	CRW	27.04.18
1	FOR INFORMATION ONLY	CRW	26.03.18
REF	REVISIONS	BY	DATE

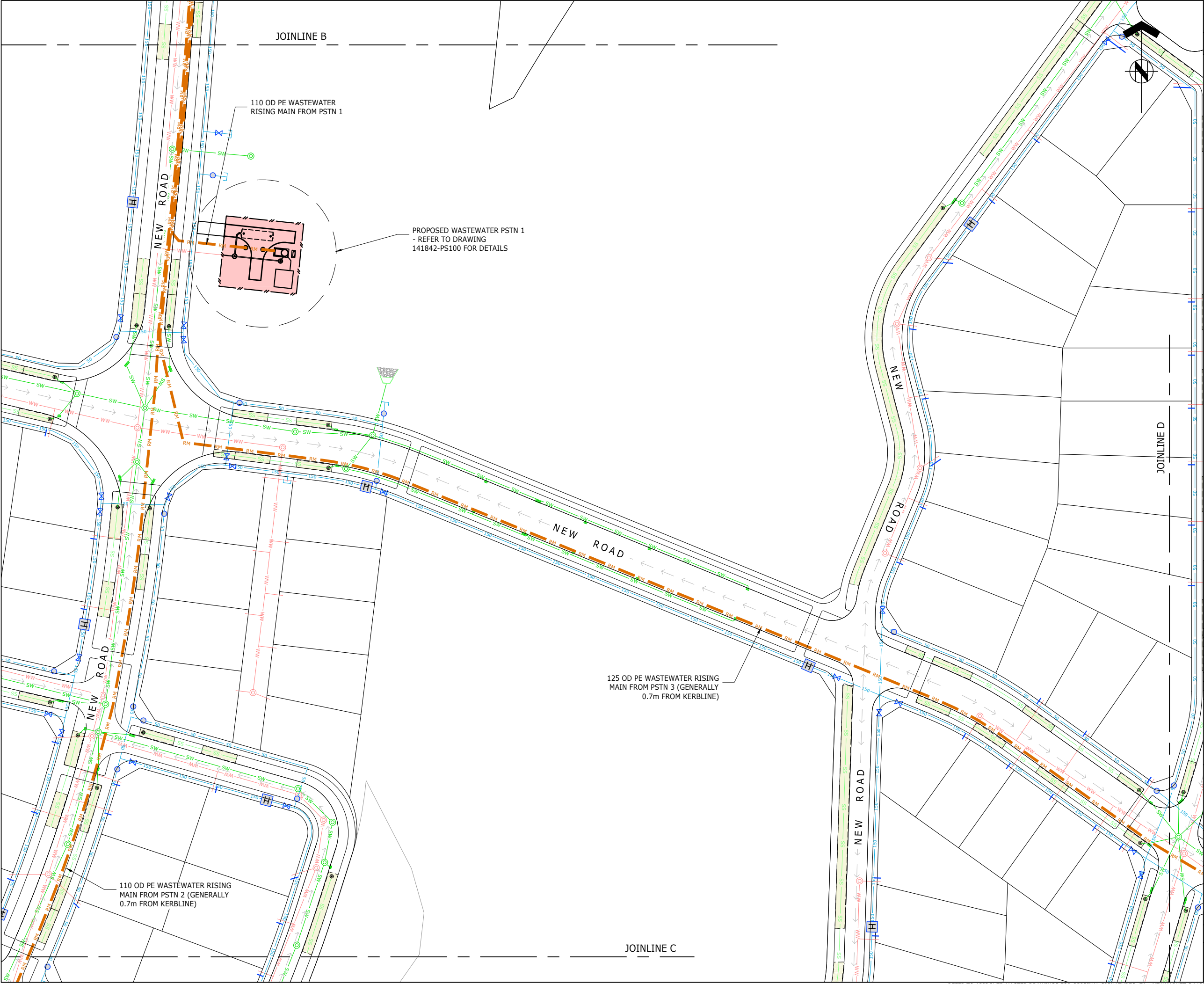
PROJECT:
**WESTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON**


TITLE:
**WASTEWATER
RISING MAINS - PSTN's 1 - 3
PLAN**

ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
CRW	03.2018		MNP
DRAWN:	DATE:	SIGNED:	PLOT DATE:
MNP	03.2018		08.05.18
CHECKED:	DATE:	SIGNED:	SURVEY BY:
GWGP	03.2018		
APPROVED:	DATE:	SIGNED:	SURVEY DATE:
NKT	03.2018		

ISSUE STATUS:
FOR RESOURCE CONSENT

PROJECT No:	SCALES:	A1
9820-141842-01	1:500 - A1 1:1000 - A3	
DRAWING No:		REV
141842-WW521		3





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NOTES

1. FOR GENERAL NOTES REFER TO DRAWING 141842-WW520

LEGEND

— WW —

NEW WASTEWATER

— SW —


NEW STORMWATER

— WS —

NEW WATERSUPPLY

— RM —

PROPOSED RISING MAIN



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3	ISSUED FOR RESOURCE CONSENT	CRW	18.05.18
2	ISSUED FOR RESOURCE CONSENT	CRW	27.04.18
1	FOR INFORMATION ONLY	CRW	26.03.18
REF	REVISIONS	BY	DATE

PROJECT:

**WESTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON**

TITLE:

**WASTEWATER
RISING MAINS - PSTN's 1 - 3
PLAN**

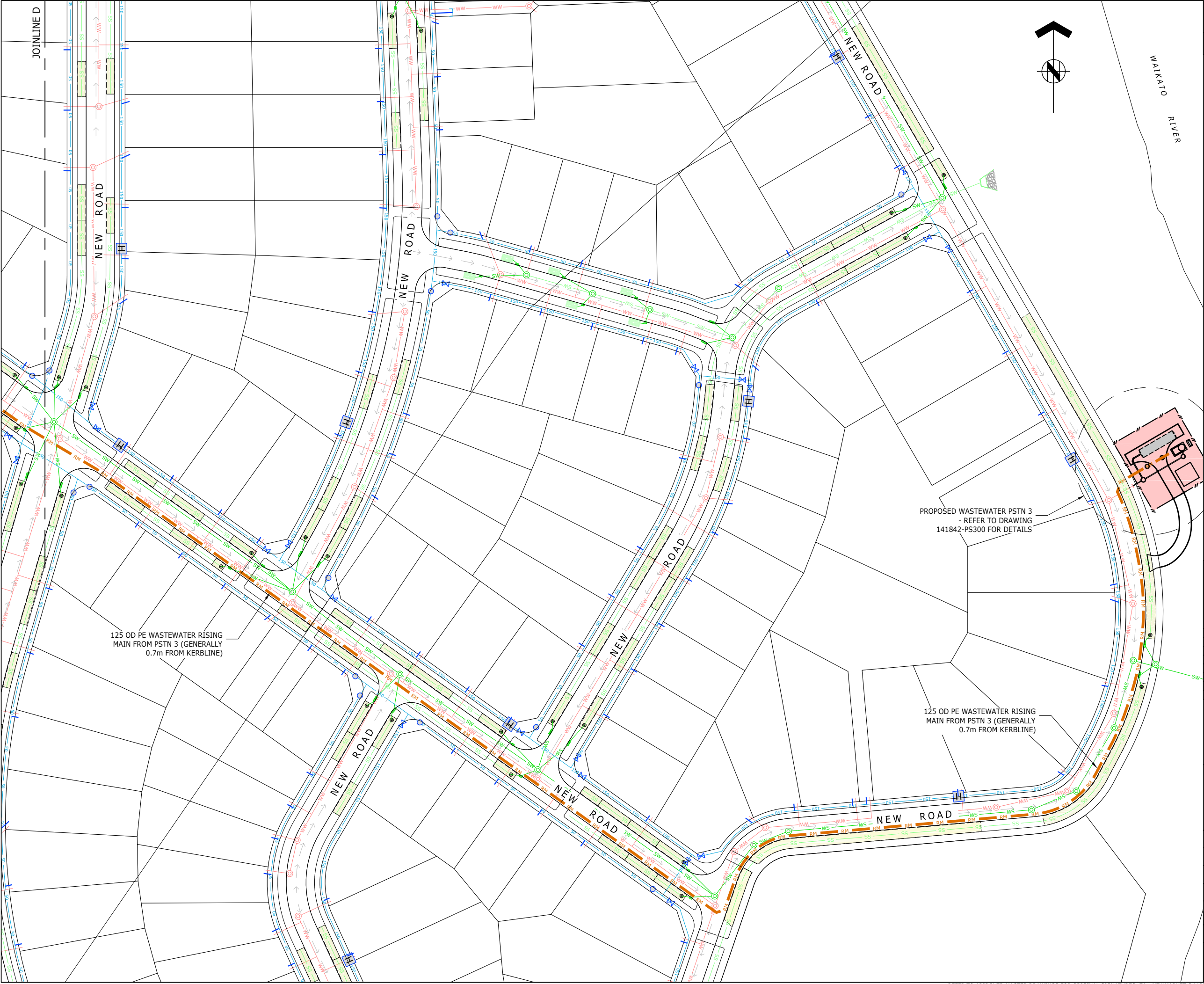
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CRW	03.2018		MNP
DRAWN:	DATE:	SIGNED:	PLOT DATE:
MNP	03.2018		08.05.18
CHECKED:	DATE:	SIGNED:	SURVEY BY:
GWP	03.2018		
APPROVED:	DATE:	SIGNED:	SURVEY DATE:
NKT	03.2018		

ISSUE STATUS:

FOR RESOURCE CONSENT

PROJECT No:	SCALES:	A1
9820-141842-01	1:500 - A1 1:1000 - A3	
DRAWING No:		REV
141842-WW522		3

REFER TO APPROVED MASTER DRAWINGS FOR ORIGINAL SIGNATURES File: NEWMARKET C:\12DSYNERGY\WORKSPACE\1\9820-141842_1\CAD\CURRENT\141842-WW520.DWG





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NOTES

1. FOR GENERAL NOTES REFER TO DRAWING 141842-WW520

LEGEND

WW

NEW WASTEWATER

SW

NEW STORMWATER

WS

NEW WATERSUPPLY

RM

PROPOSED RISING MAIN



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3	ISSUED FOR RESOURCE CONSENT	CRW	18.05.18
2	ISSUED FOR RESOURCE CONSENT	CRW	27.04.18
1	FOR INFORMATION ONLY	CRW	26.03.18
REF	REVISIONS	BY	DATE

PROJECT:

WESTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON

TITLE:

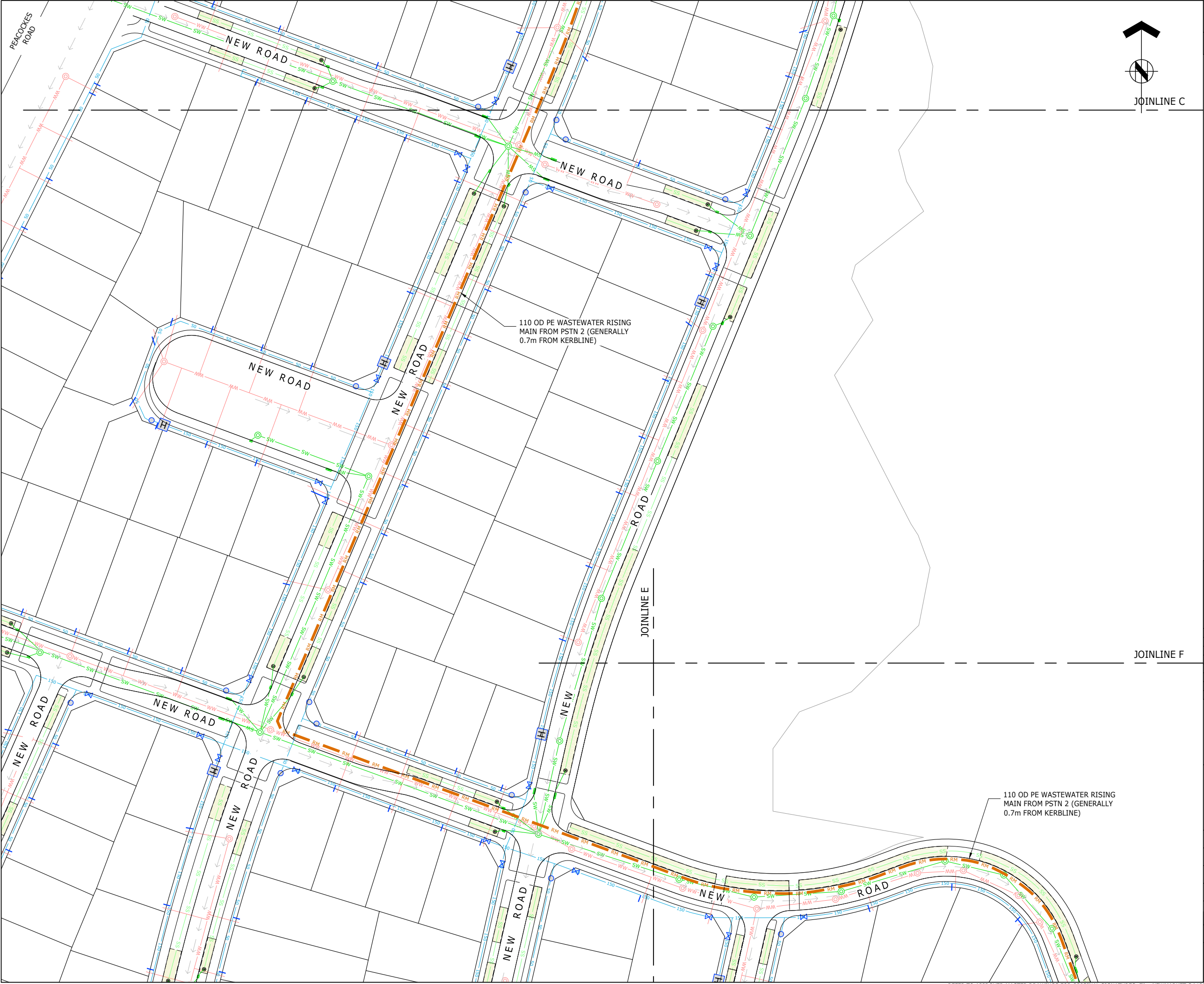
WASTEWATER
RISING MAINS - PSTN's 1 - 3
PLAN


ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
CRW	03.2018		MNP
DRAWN:	DATE:	SIGNED:	PLOT DATE:
MNP	03.2018		08.05.18
CHECKED:	DATE:	SIGNED:	SURVEY BY:
GWP	03.2018		
APPROVED:	DATE:	SIGNED:	SURVEY DATE:
NKT	03.2018		

ISSUE STATUS:

FOR RESOURCE CONSENT

PROJECT No:	SCALES:	A1
9820-141842-01	1:500 - A1 1:1000 - A3	
DRAWING No:		REV
141842-WW523		3





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NOTES

1. FOR GENERAL NOTES REFER TO DRAWING 141842-WW520

LEGEND

— WW —

NEW WASTEWATER

— SW —


NEW STORMWATER

— MS —

NEW WATERSUPPLY

— RM —

PROPOSED RISING MAIN



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3	ISSUED FOR RESOURCE CONSENT	CRW	18.05.18
2	ISSUED FOR RESOURCE CONSENT	CRW	27.04.18
1	FOR INFORMATION ONLY	CRW	26.03.18
REF	REVISIONS	BY	DATE

PROJECT:

WESTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON

TITLE:

WASTEWATER
RISING MAINS - PSTN's 1 - 3
PLAN

ORIGINATOR: CRW	DATE: 03.2018	SIGNED:	PLOT BY: MNP
DRAWN: MNP	DATE: 03.2018	SIGNED:	PLOT DATE: 08.05.18
CHECKED: GWP	DATE: 03.2018	SIGNED:	SURVEY BY:
APPROVED: NKT	DATE: 03.2018	SIGNED:	SURVEY DATE:

ISSUE STATUS:

FOR RESOURCE CONSENT

PROJECT No: 9820-141842-01	SCALES: 1:500 - A1 1:1000 - A3	A1
DRAWING No: 141842-WW524		REV 3

