



PROPOSED  
NORTHERN SOLAR FARM

STATION ROAD

STATION ROAD

BALANCE LOT

PROPOSED  
RETIREMENT VILLAGE

PROPOSED  
SOUTHERN SOLAR FARM

LOT 3 DP 463448

LOT 77  
DP 07627

LOT 1 DP 463448

RESOURCE CONSENT

#### NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS).
2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
3. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
4. BENCHMARK: IT 1 DPS 29877 RL:65.51. SOURCED FROM THE LINZ GEODETIC DATABASE.
5. ALL WATER LINES TO BE BLANK CAPPED BEYOND STAGING BOUNDARY. CONTRACTOR TO MAKE SURE BLANK CAP IS OUTSIDE OF FOOTPATH EXTENTS AND ACCESSIBLE FOR FUTURE EXTENSIONS.
6. ALL TOBIES WITHIN RIGHT OF WAYS (ROW) TO BE PLACED IN HEAVY DUTY TRAFFICABLE MANIFOLD BOX.
7. EXISTING SERVICES SHOWN ARE FROM B4UDIG AND ARE INDICATIVE ONLY. CONTRACTOR TO CONFIRM THEIR LOCATION PRIOR TO CONSTRUCTION.
8. THRUST BLOCKS HAVE NOT BEEN INDICATED ON DETAILS, ALL THRUST BLOCKS TO BE INSTALLED AS PER REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS). PLEASE REFER DETAILS ON SHEET C680-20.

#### Legend

PR BOUNDARY	EX BDY
EX WATERMAIN	EX/PR HYDRANT
EX/PR METER	EX/PR SLUICE VALVE
EX/PR PEET VALVE	PR WATERMAIN
PR LOT CONNECTION	PR FLUSHING VALVE
PR STORMWATER	PR WASTEWATER
EX/PR BLANKCAP	

D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	TCH	04/2025
A	FAST TRACK APP	TCH	04/2025
Rev	Description	By	Date
Survey	MAVEN		03/2024
Design	TCH		04/2025
Drawn	TCH		04/2025
Checked	DJM		06/2025

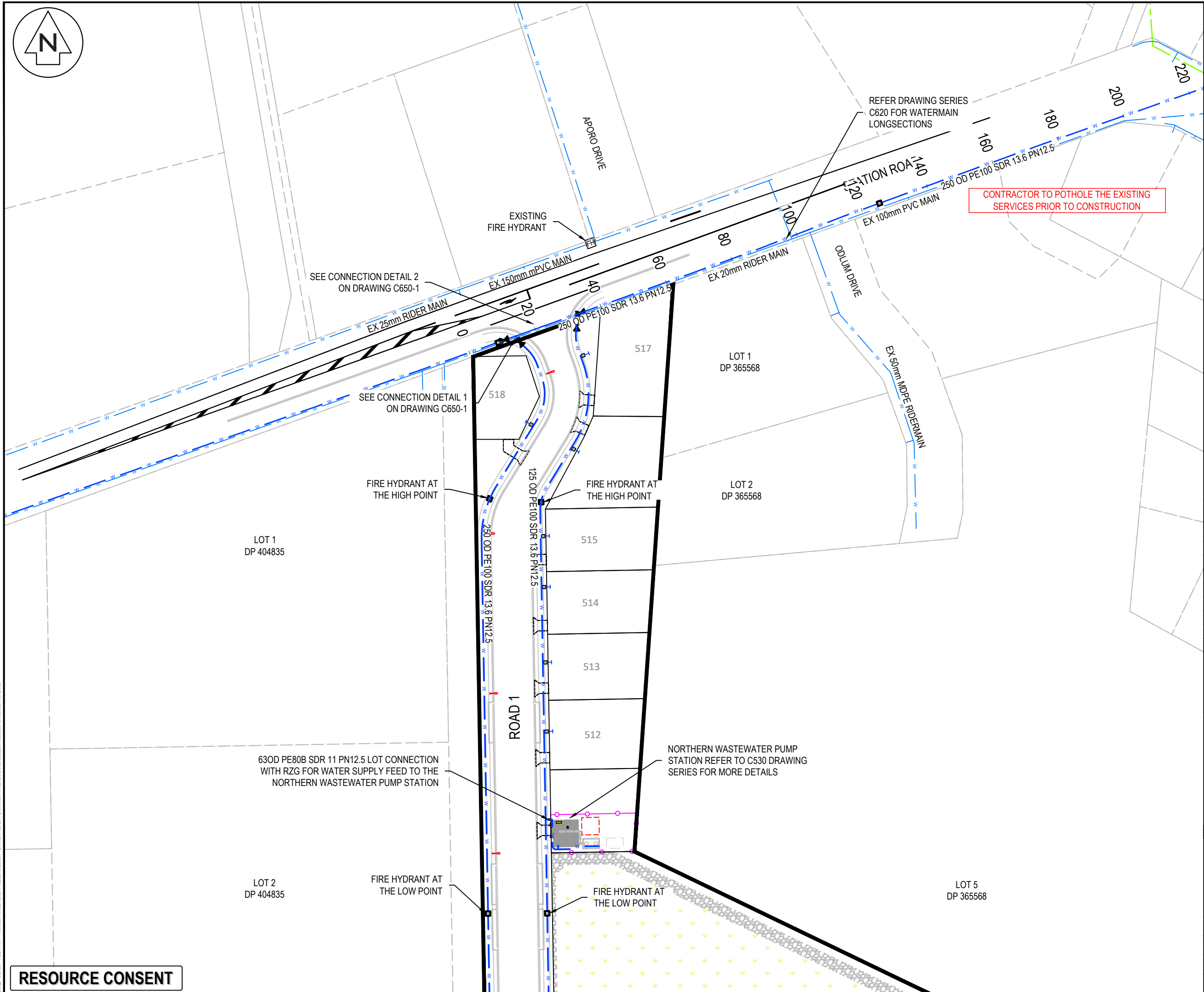


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Project  
**ASHBOURNE  
RESIDENTIAL  
FOR  
MATAMATA  
DEVELOPMENTS LTD**

Title  
**PROPOSED  
WATER SUPPLY  
KEY PLAN**

Project no.	289001		
Scale	1:6000 @ A3		
Cad file	C600-WATERSUPPLY.DWG		
Drawing no.	C600	Rev	<b>D</b>



NOTES

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Legend

	PR BOUNDARY
	EX BDY
	EX WATERMAIN
	EX/PR HYDRANT
	EX/PR METER
	EX/PR SLUICE VALVE
	EX/PR PEET VALVE
	PR WATERMAIN
	PR LOT CONNECTION
	PR FLUSHING VALVE
	PR STORMWATER
	PR WASTEWATER
	EX/PR BLANKCAP

D	FAST TRACK APP	MKS	06/2025
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Project

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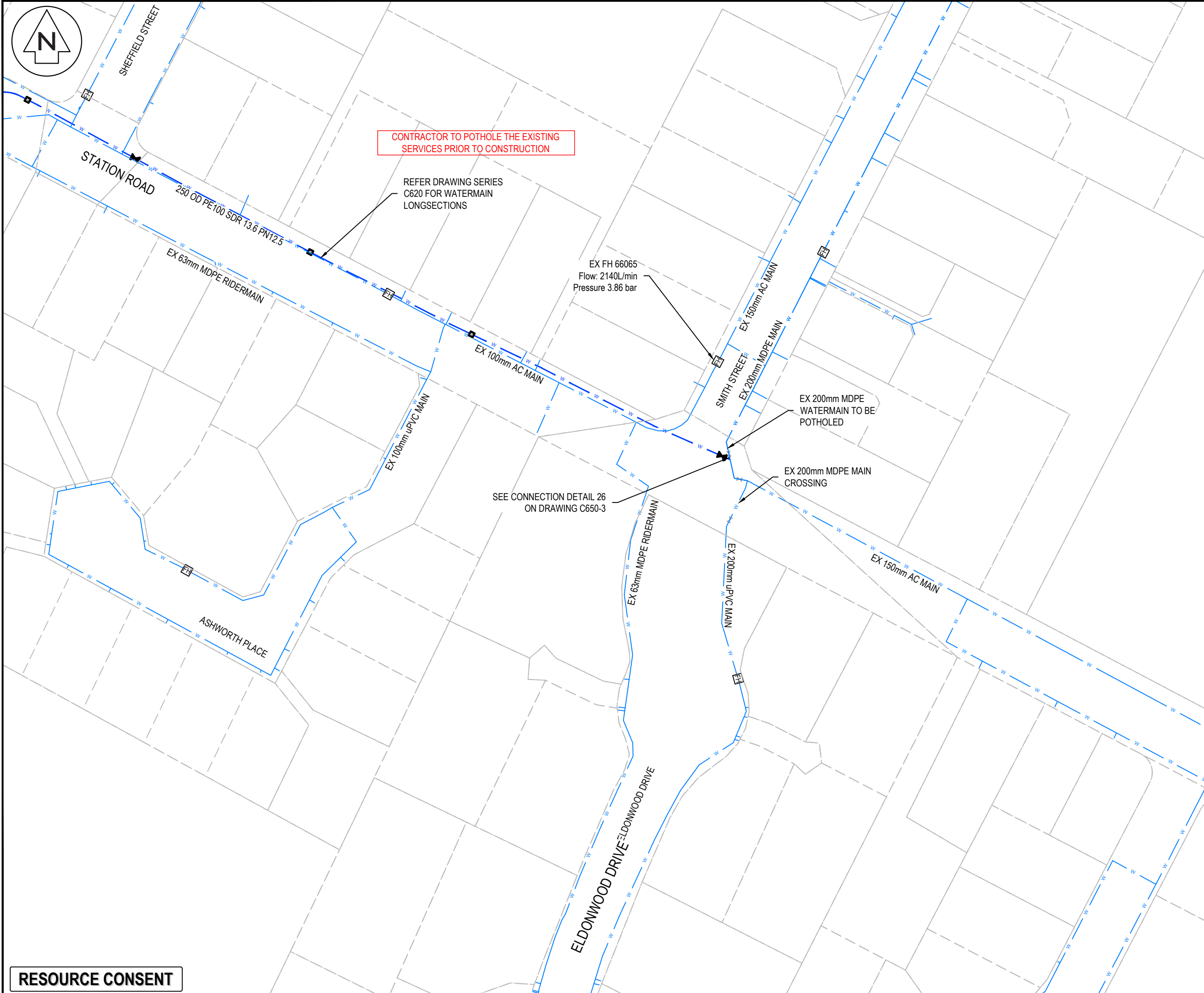
Title

**PROPOSED  
WATER SUPPLY PLAN  
SHEET 1 OF 11**

Project no.	289001		
Scale	1:1000 @ A3		
Cad file	C600-WATERSUPPLY.DWG		
Drawing no.	C600-1	Rev	D

RESOURCE CONSENT





NOTES

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	EX/PR SLUICE VALVE
	EX/PR PEET VALVE
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	PR FLUSHING VALVE
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	PR WASTEWATER
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Title
**PROPOSED  
WATER SUPPLY PLAN  
SHEET 2 OF 11**

Project no.	289001		
Scale	1:1000 @ A3		
Cad file	C600-WATERSUPPLY.DWG		
Drawing no.	C600-2	Rev	D



OLIVE PLACE

LOT 3  
DP 404835

LOT 9  
DP 562902

LOT 13  
DP 562902

LOT 14  
DP 562902

STORMWATER  
BASIN C

ROAD 4

FIRE HYDRANT AT  
THE LOW POINT

ROAD 4

- NOTES
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Legend

---	PR BOUNDARY
- - -	EX BDY
W	EX WATERMAIN
FH	EX/PR HYDRANT
WM	EX/PR METER
X	EX/PR SLUICE VALVE
⊗	EX/PR PEET VALVE
W	PR WATERMAIN
+	PR LOT CONNECTION
⊞	PR FLUSHING VALVE
---	PR STORMWATER
---	PR WASTEWATER
C	EX/PR BLANKCAP

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Survey	MAVEN		03/2024
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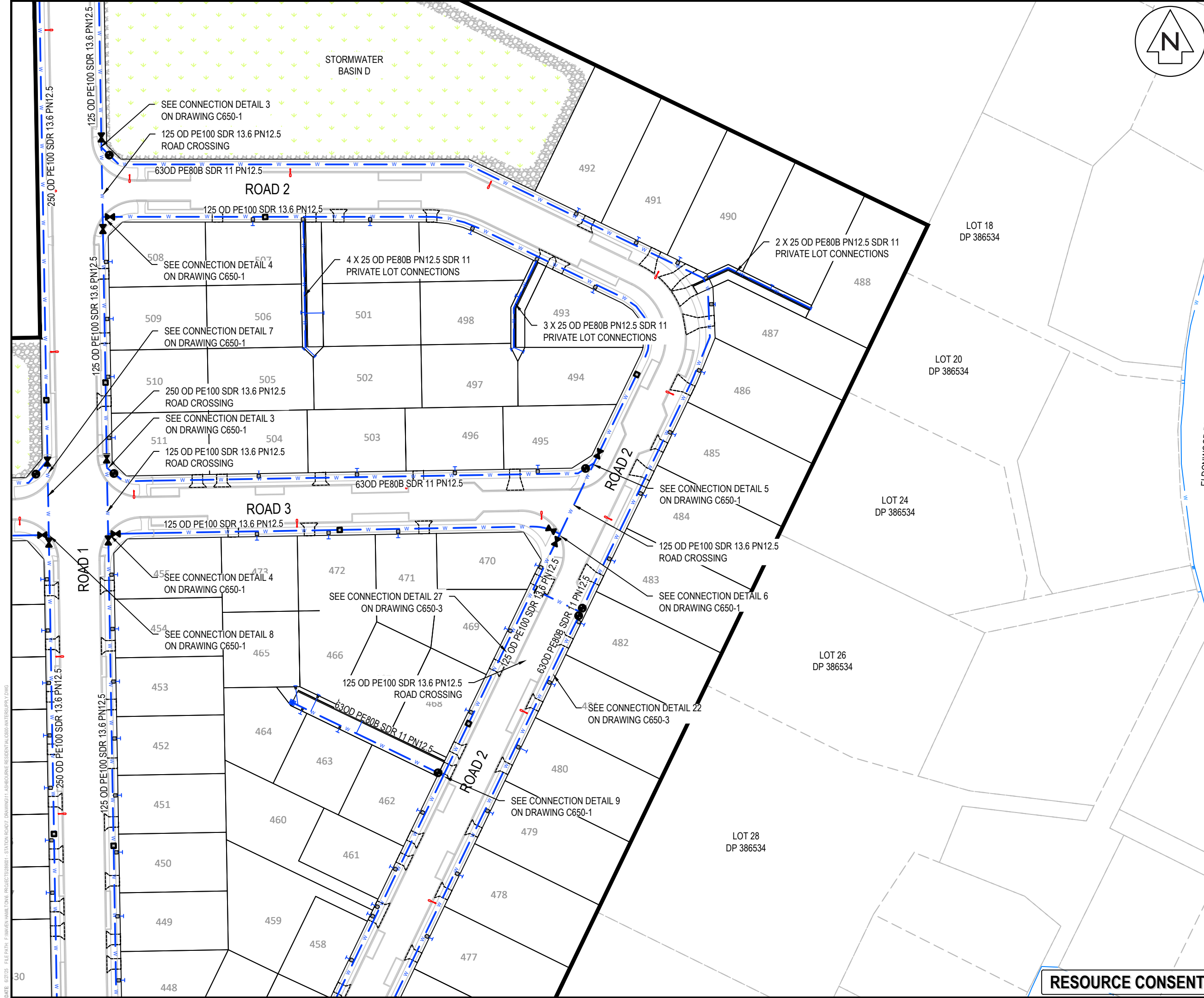
Project  
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RESIDENTIAL  
FOR  
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DEVELOPMENTS LTD**

Title  
**PROPOSED  
WATER SUPPLY PLAN  
SHEET 3 OF 11**

Project no.	289001		
Scale	1:1000 @ A3		
Cad file	C600-WATERSUPPLY.DWG		
Drawing no.	C600-3	Rev	<b>D</b>

RESOURCE CONSENT





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Title  
**PROPOSED  
WATER SUPPLY PLAN  
SHEET 4 OF 11**

Project no.	289001
Scale	1:1000 @ A3
Cad file	C600-WATERSUPPLY.DWG
Drawing no.	C600-4
Rev	D

**RESOURCE CONSENT**



HIGHGROVE AVENUE

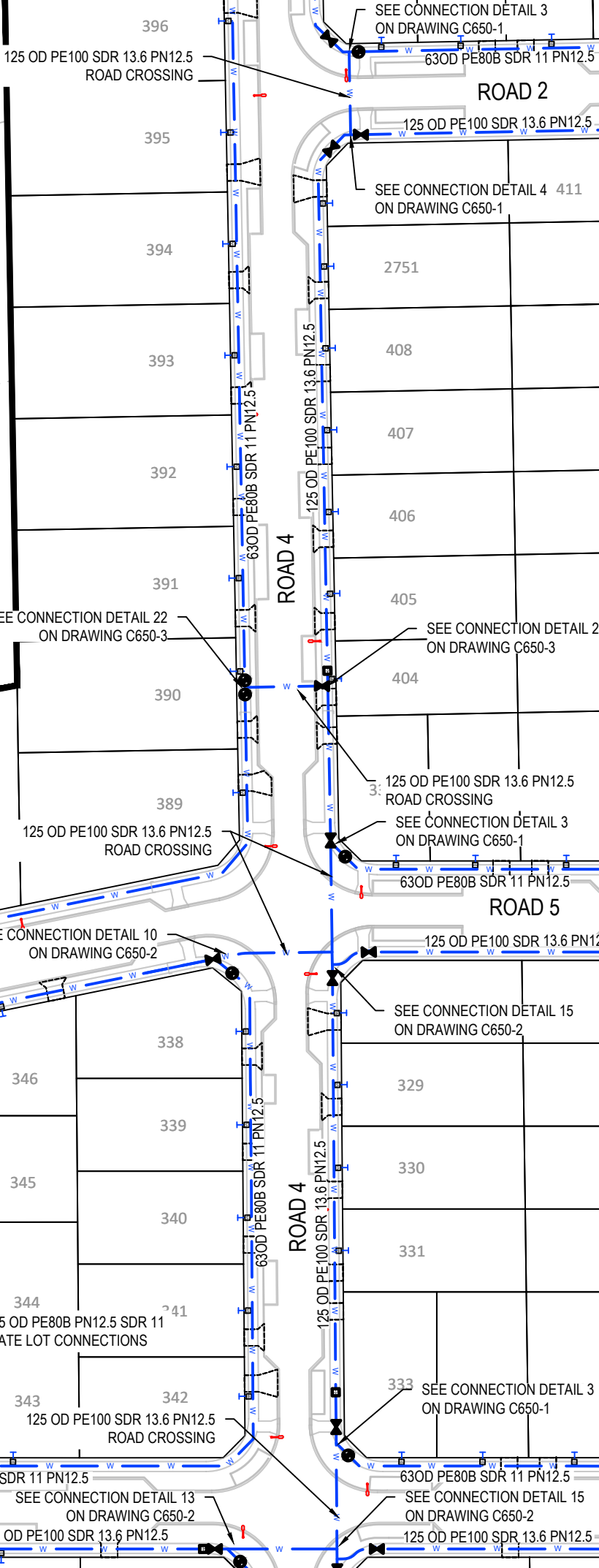
LOT 16  
DP 562902

LOT 17  
DP 562902

LOT 18  
DP 562902

LOT 2  
DP 21055

RESOURCE CONSENT



NOTES

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EX BDY	PR FLUSHING VALVE
EX WATERMAIN	PR STORMWATER
EX/PR HYDRANT	PR WASTEWATER
EX/PR METER	EX/PR BLANKCAP
EX/PR SLUICE VALVE	
EX/PR PEET VALVE	

D	FAST TRACK APP	MKS	06/2025
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Rev	Description	By	Date
Survey	MAVEN		03/2024
Design	TCH		04/2025
Drawn	TCH		04/2025
Checked	DJM		06/2025

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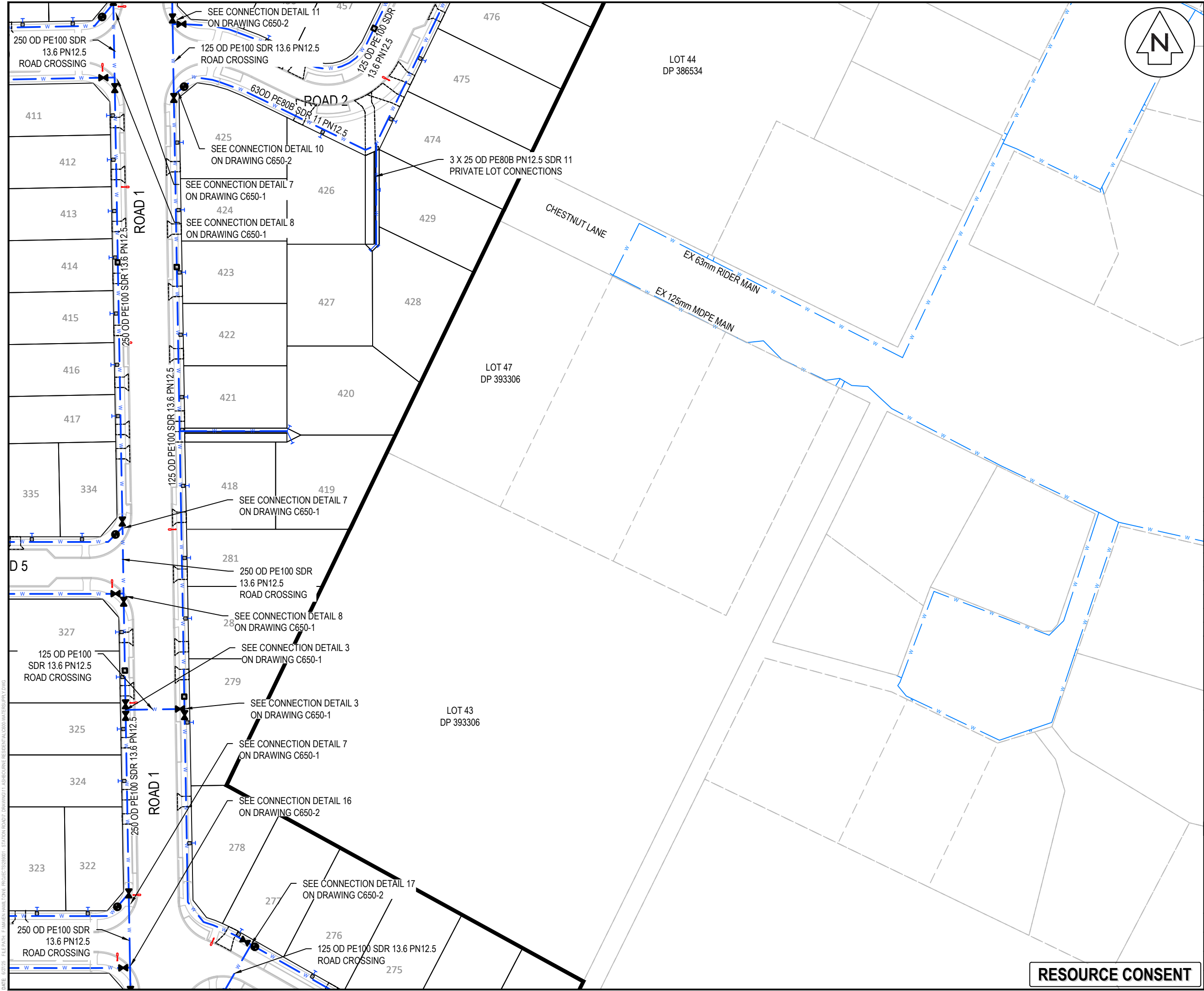
Project  
**ASHBOURNE  
RESIDENTIAL  
FOR  
MATAMATA  
DEVELOPMENTS LTD**

Title  
**PROPOSED  
WATER SUPPLY PLAN  
SHEET 5 OF 11**

Project no.	289001		
Scale	1:1000 @ A3		
Cad file	C600-WATERSUPPLY.DWG		
Drawing no.	C600-5	Rev	D

DATE: 6/27/25 FILEPATH: F:\MVEN\HAM1016 PROJECTS\88801 - STATION ROAD\DRAWING\11 ASHBORNE RESIDENTIAL\0500 WATERSUPPLY.DWG





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EX BDY	PR FLUSHING VALVE
EX WATERMAIN	PR STORMWATER
EX/PR HYDRANT	PR WASTEWATER
EX/PR METER	EX/PR BLANKCAP
EX/PR SLUICE VALVE	
EX/PR PEET VALVE	

D	FAST TRACK APP	MKS	06/2025
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Survey	MAVEN		03/2024
Design	TCH		04/2025
Drawn	TCH		04/2025
Checked	DJM		06/2025

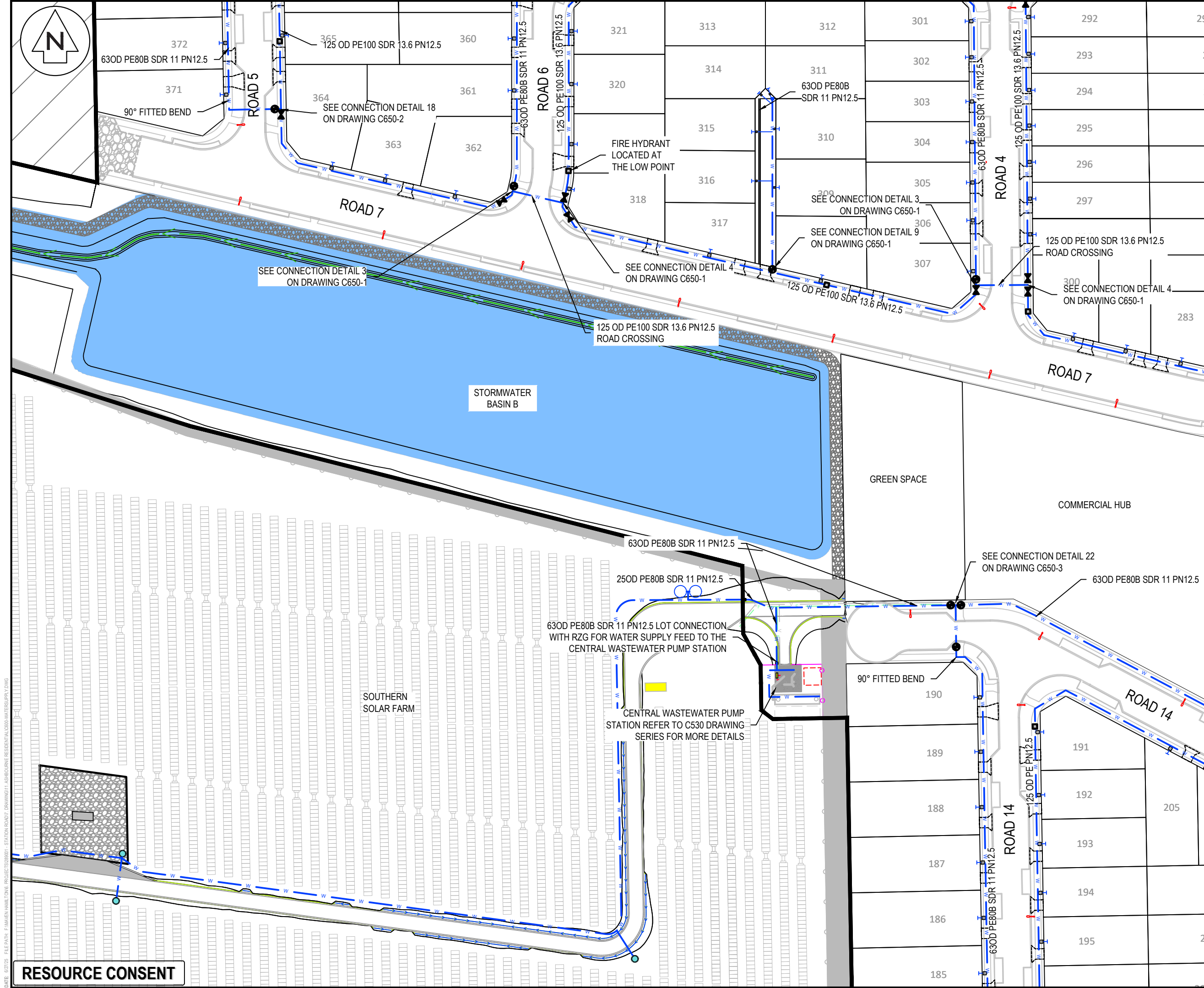
**M** Maven Waikato  
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Project  
**ASHBOURNE  
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Title  
**PROPOSED  
WATER SUPPLY PLAN  
SHEET 6 OF 11**

Project no.	289001		
Scale	1:1000 @ A3		
Cad file	C600-WATERSUPPLY.DWG		
Drawing no.	C600-6	Rev	D

**RESOURCE CONSENT**



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EX BDY	PR LOT CONNECTION
EX WATERMAIN	PR FLUSHING VALVE
EX/PR HYDRANT	PR STORMWATER
EX/PR METER	PR WASTEWATER
EX/PR SLUICE VALVE	EX/PR BLANKCAP
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Title

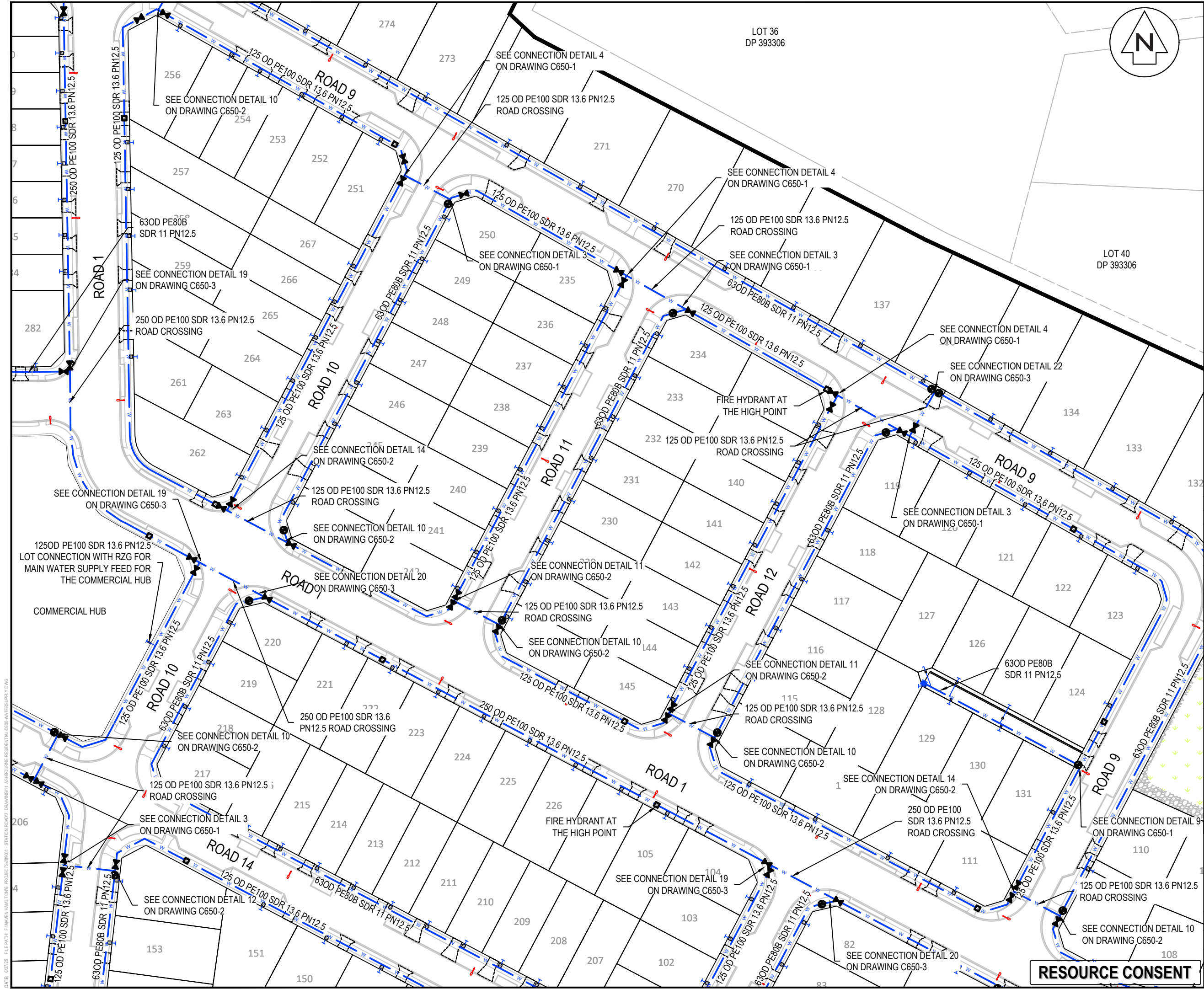
**PROPOSED  
WATER SUPPLY PLAN  
SHEET 7 OF 11**

Project no.	289001		
Scale	1:1000 @ A3		
Cad file	C600-WATERSUPPLY.DWG		
Drawing no.	C600-7	Rev	D

DATE: 6/27/25 FILEPATH: F:\Maven\Hamilton\6 PROJECTS\289001 - STATION ROAD\7 DRAWING\11 ASHBORNE RESIDENTIAL\0200 WATERSUPPLY.DWG

RESOURCE CONSENT





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	EX/PR HYDRANT
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	EX/PR SLUICE VALVE
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	PR WATERMAIN
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	PR FLUSHING VALVE
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Drawn	DJM		06/2025
Checked			

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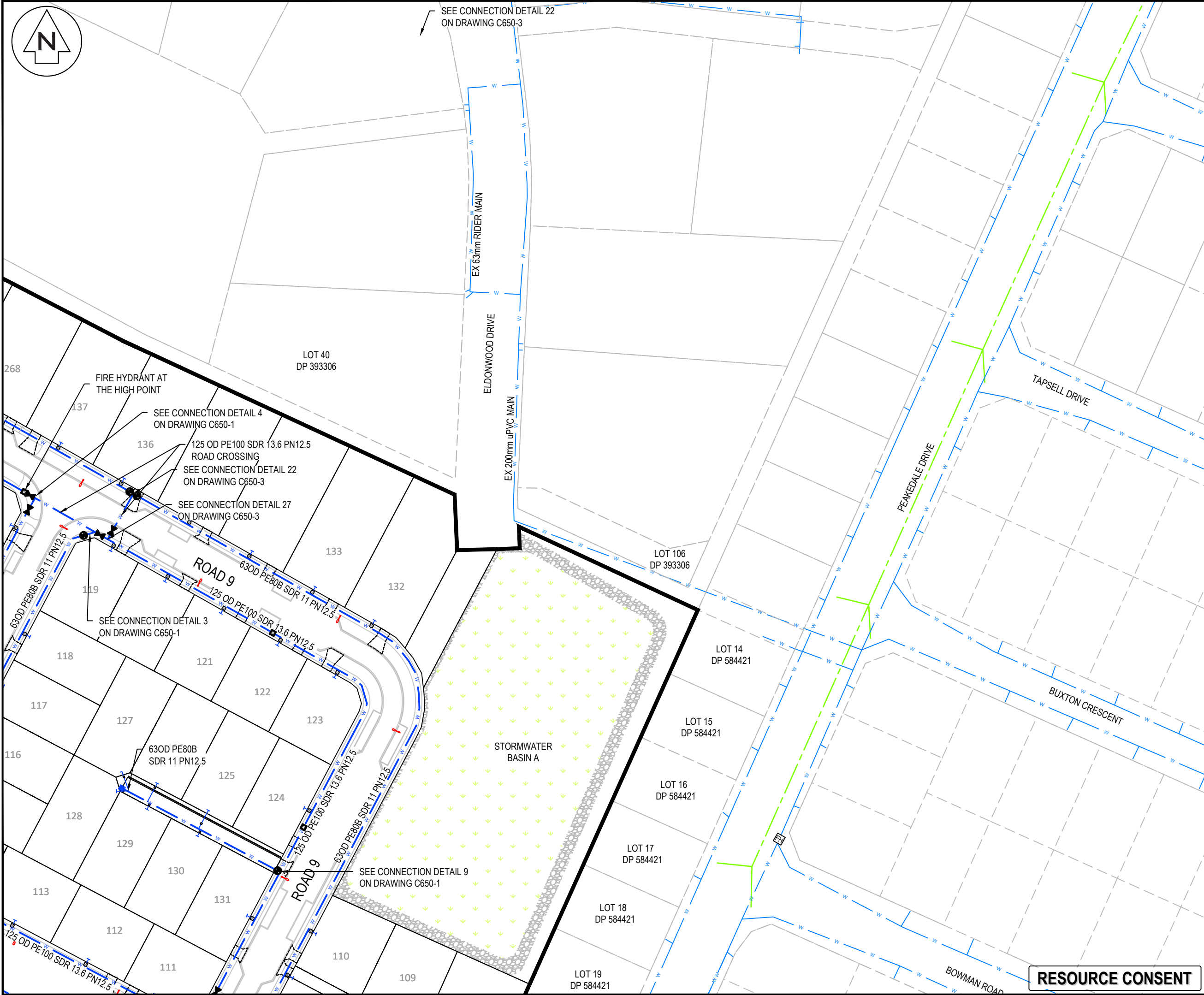
Title  
**PROPOSED  
WATER SUPPLY PLAN  
SHEET 8 OF 11**

Project no.	289001
Scale	1:1000 @ A3
Cad file	C600-WATERSUPPLY.DWG
Drawing no.	C600-8
Rev	D

**RESOURCE CONSENT**

DATE: 02/03 FILEPATH: F:\MVEN\HAMILTON\PROJECTS\289001 - STATION ROAD\DRAWING\1. ASHBORNE RESIDENTIAL\0200-WATERSUPPLY.DWG





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	EX BDY
	EX WATERMAIN
	EX/PR HYDRANT
	EX/PR METER
	EX/PR SLUICE VALVE
	EX/PR PEET VALVE
	PR WATERMAIN
	PR LOT CONNECTION
	PR FLUSHING VALVE
	PR STORMWATER
	PR WASTEWATER
	EX/PR BLANKCAP

D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	TCH	04/2025
A	FAST TRACK APP	TCH	04/2025
Rev	Description	By	Date
		By	Date
Survey	MAVEN		03/2024
Design	TCH		04/2025
Drawn	TCH		04/2025
Checked	DJM		06/2025

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RESIDENTIAL  
FOR  
MATAMATA  
DEVELOPMENTS LTD**

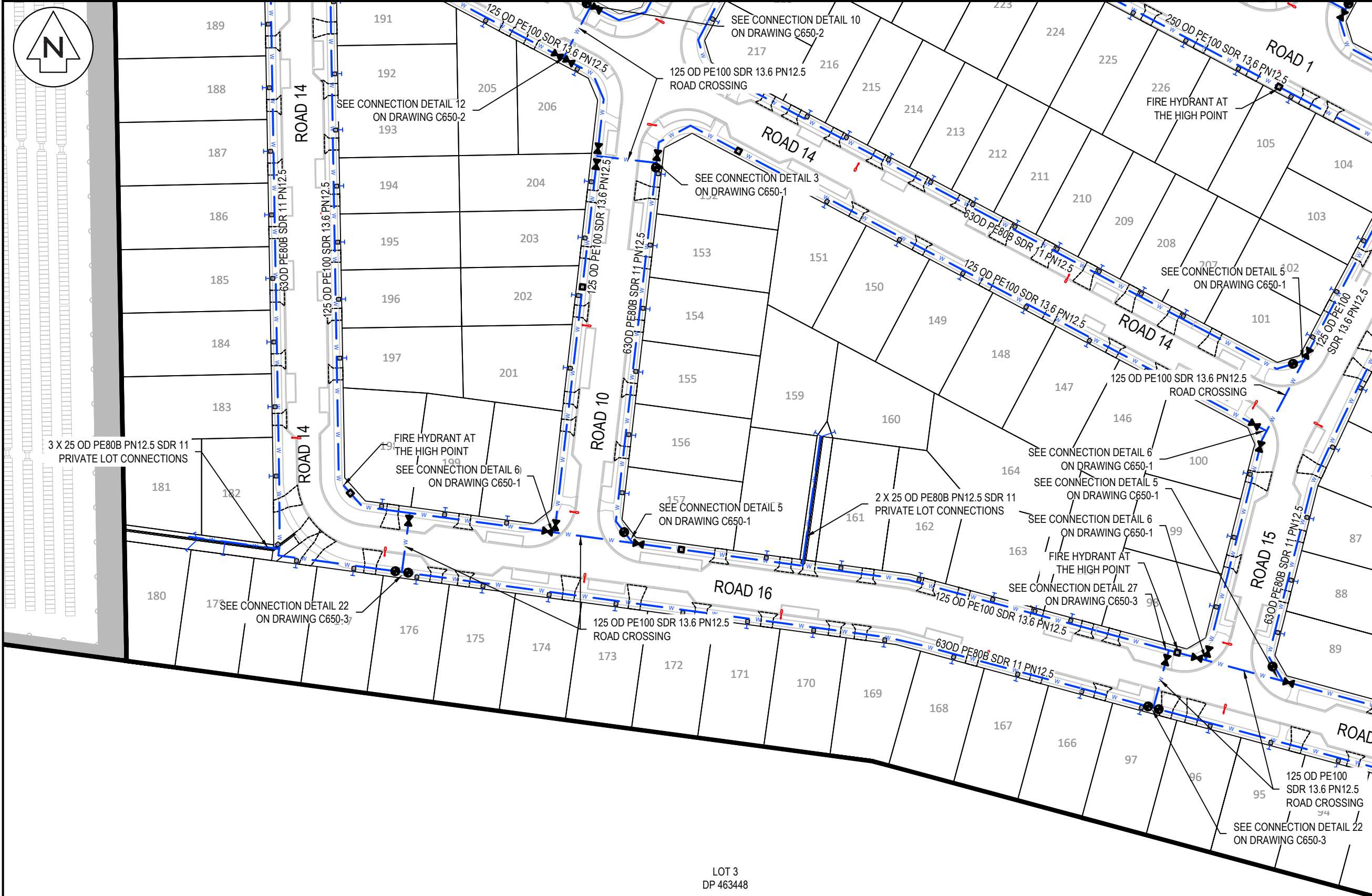
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**PROPOSED  
WATER SUPPLY PLAN  
SHEET 9 OF 11**

Project no.	289001		
Scale	1:1000 @ A3		
Cad file	C600-WATERSUPPLY.DWG		
Drawing no.	C600-9	Rev	D

RESOURCE CONSENT





NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS).
2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
3. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
4. BENCHMARK: IT I DPS 29877 RL:65.51. SOURCED FROM THE LINZ GEODETIC DATABASE.
5. ALL WATER LINES TO BE BLANK CAPPED BEYOND STAGING BOUNDARY. CONTRACTOR TO MAKE SURE BLANK CAP IS OUTSIDE OF FOOTPATH EXTENTS AND ACCESSIBLE FOR FUTURE EXTENSIONS.
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Legend

PR BOUNDARY	PR LOT CONNECTION
EX BDY	PR FLUSHING VALVE
EX WATERMAIN	PR STORMWATER
EX/PR HYDRANT	PR WASTEWATER
EX/PR METER	EX/PR BLANKCAP
EX/PR SLUICE VALVE	
EX/PR PEET VALVE	

D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	TCH	04/2025
A	FAST TRACK APP	TCH	04/2025
Rev	Description	By	Date
Survey	MAVEN		03/2024
Design	TCH		04/2025
Drawn	TCH		04/2025
Checked	DJM		06/2025

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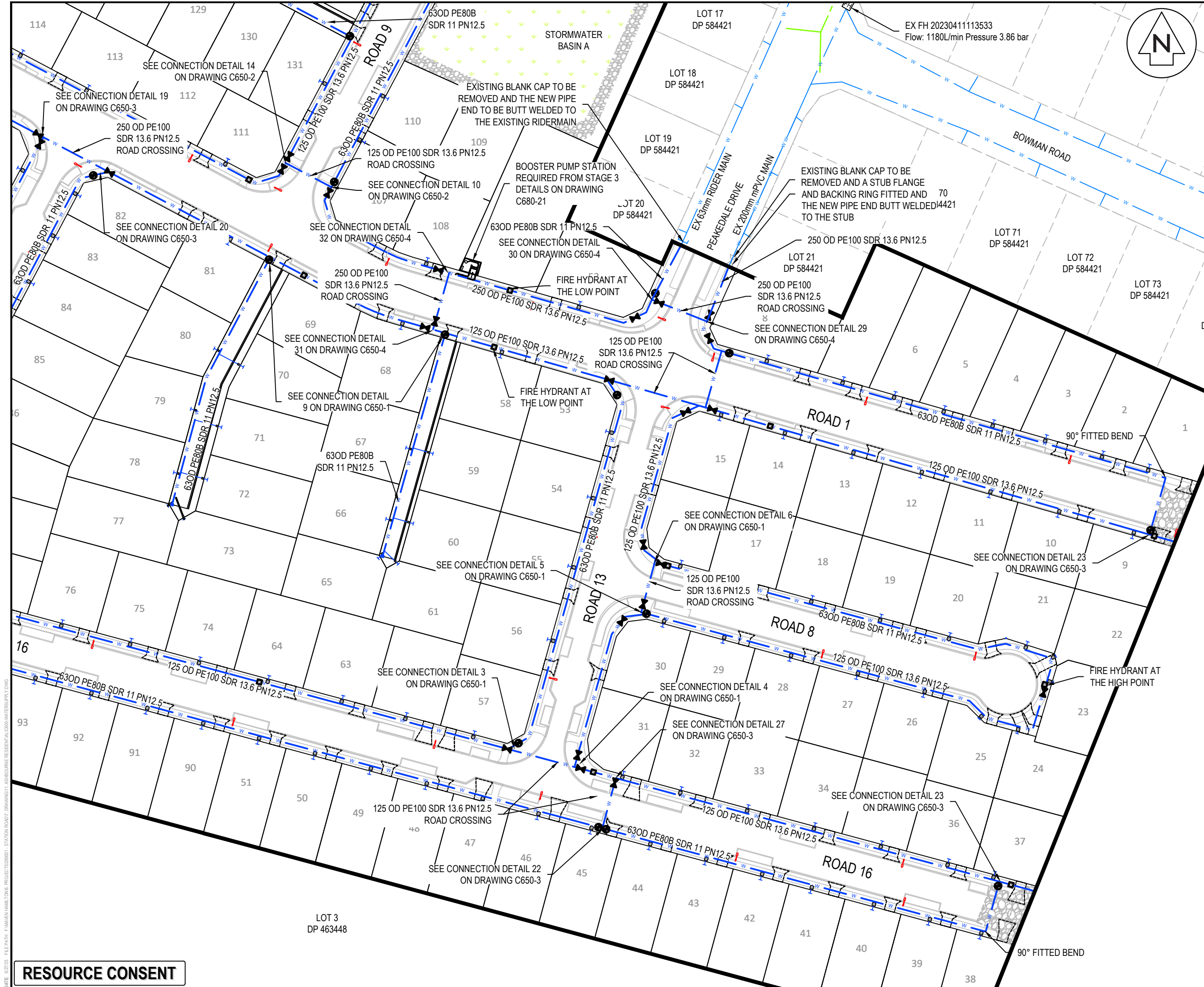
Project

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RESIDENTIAL  
FOR  
MATAMATA  
DEVELOPMENTS LTD**

Title

**PROPOSED  
WATER SUPPLY PLAN  
SHEET 10 OF 11**

Project no.	289001		
Scale	1:1000 @ A3		
Cad file	C600-WATERSUPPLY.DWG		
Drawing no.	C600-10	Rev	D



NOTES

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Legend

	PR BOUNDARY
	EX BDY
	EX WATERMAIN
	EX/PR HYDRANT
	EX/PR METER
	EX/PR SLUICE VALVE
	EX/PR PEET VALVE
	PR WATERMAIN
	PR LOT CONNECTION
	PR FLUSHING VALVE
	PR STORMWATER
	PR WASTEWATER
	EX/PR BLANKCAP

D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	TCH	04/2025
A	FAST TRACK APP	TCH	04/2025
Rev	Description	By	Date
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Survey	MAVEN		03/2024
Design	TCH		04/2025
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Checked	DJM		06/2025

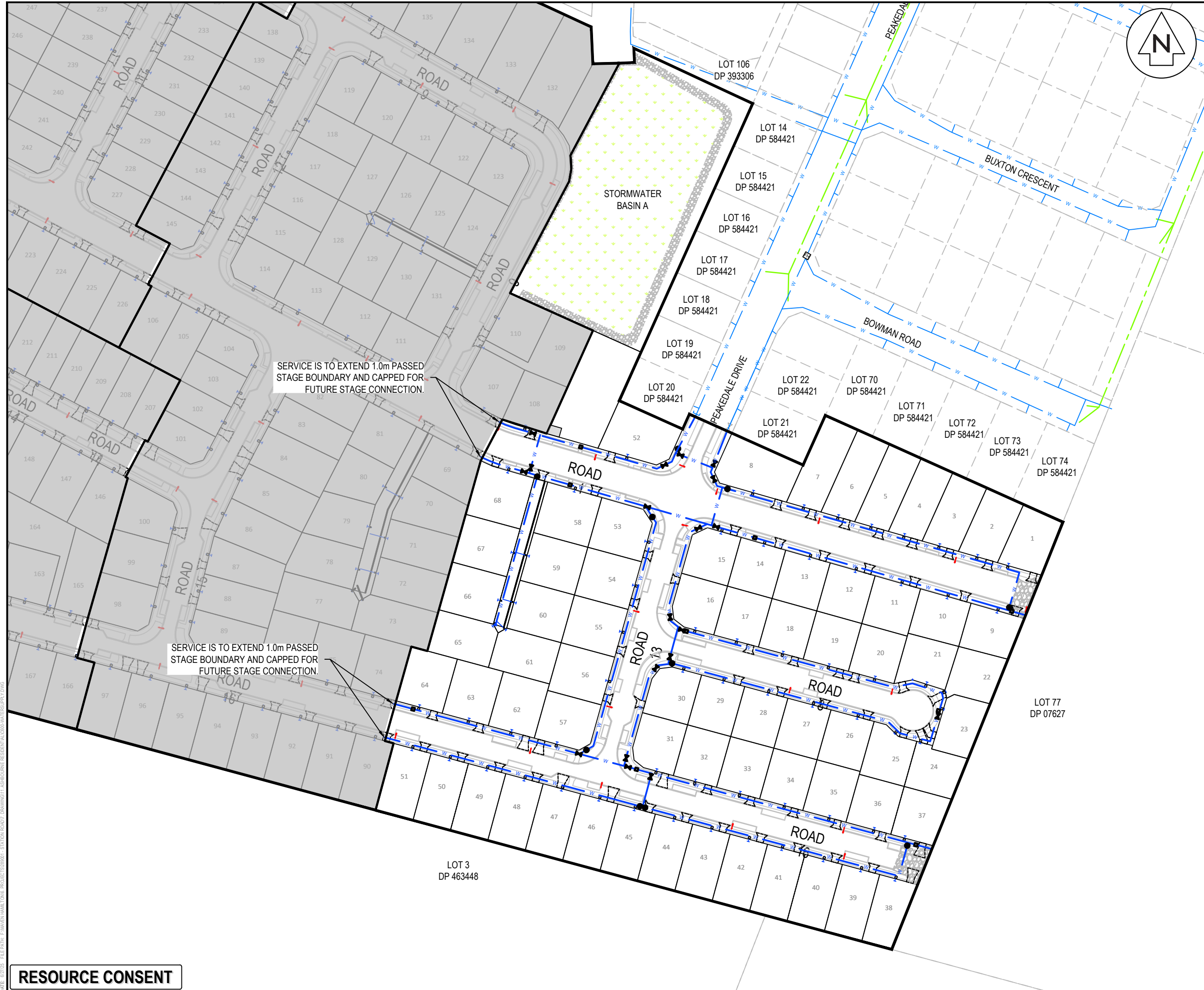
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New Zealand

Project  
**ASHBOURNE  
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DEVELOPMENTS LTD**

Title  
**PROPOSED  
WATER SUPPLY PLAN  
SHEET 11 OF 11**

Project no.	289001		
Scale	1:1000 @ A3		
Cad file	C600-WATERSUPPLY.DWG		
Drawing no.	C600-11	Rev	D





NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS).

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Legend

PR BOUNDARY

EX BDY

PR SITE BOUNDARY

PR STAGE BOUNDARY

EX WATERMAIN

EX/PR HYDRANT

EX/PR METER

EX/PR SLUICE VALVE

EX/PR PEET VALVE

PR WATERMAIN

PR LOT CONNECTION

PR FLUSHING VALVE

PR STORMWATER

PR WASTEWATER

EX/PR BLANKCAP

C	FAST TRACK APP	MKS	06/2025
B	FAST TRACK APP	MKS	06/2025
A	FAST TRACK APP	NDL	05/2025
Rev	Description	By	Date
		By	Date
Survey	MAVEN		03/2024
Design	MES		05/2025
Drawn	NDL		05/2025
Checked	DJM		06/2025

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Title

PROPOSED  
WATER SUPPLY  
PLAN STAGE 1

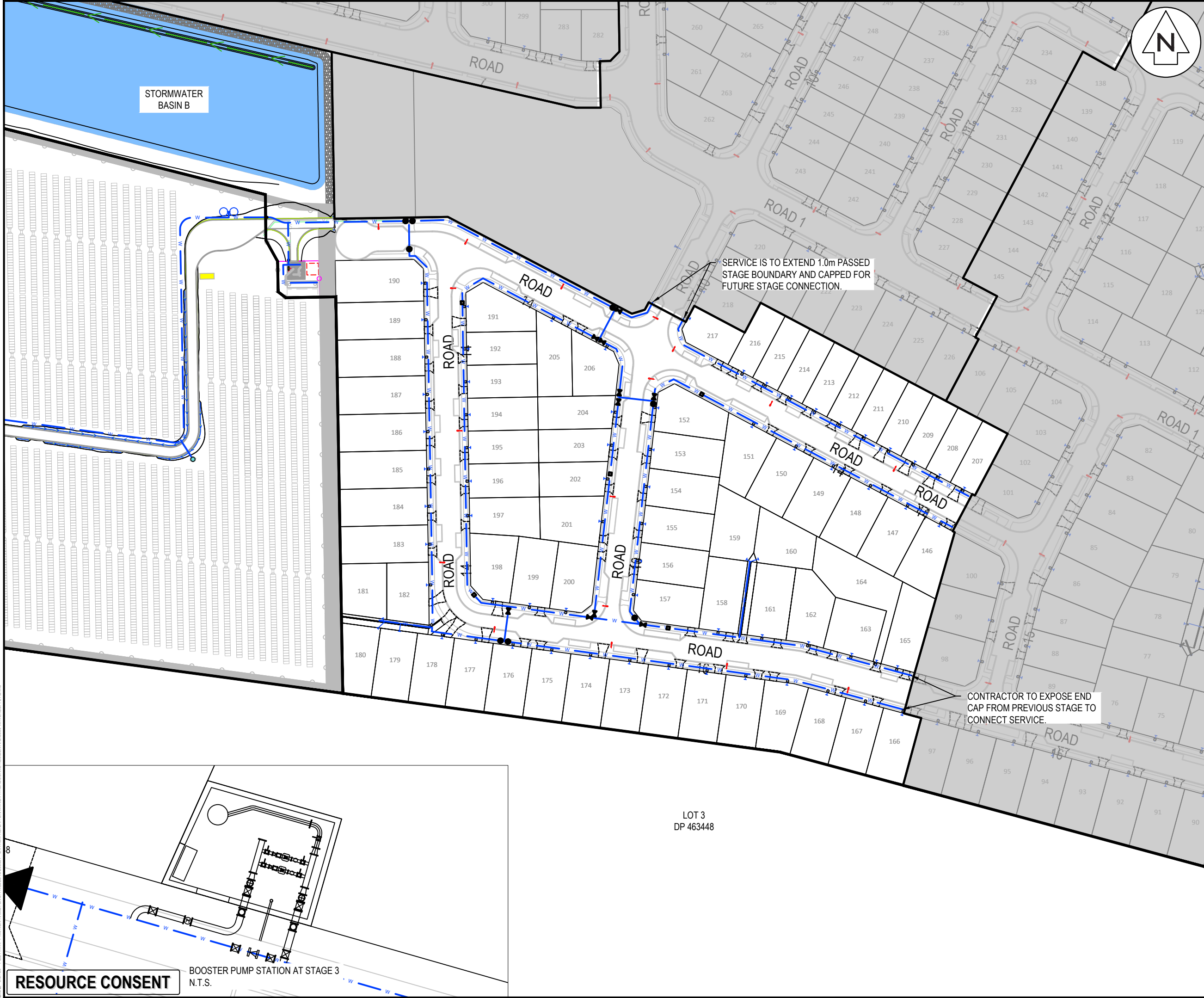
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Scale	1:1500 @ A3		
Cad file	C600-WATERSUPPLY.DWG		
Drawing no.	C600-12	Rev	C

RESOURCE CONSENT









- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS).
  2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
  3. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
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Legend

	PR BOUNDARY
	EX BDY
	PR SITE BOUNDARY
	PR STAGE BOUNDARY
	EX WATERMAIN
	EX/PR HYDRANT
	EX/PR METER
	EX/PR SLUICE VALVE
	EX/PR PEET VALVE
	PR WATERMAIN
	PR LOT CONNECTION
	PR FLUSHING VALVE
	PR STORMWATER
	PR WASTEWATER
	EX/PR BLANKCAP

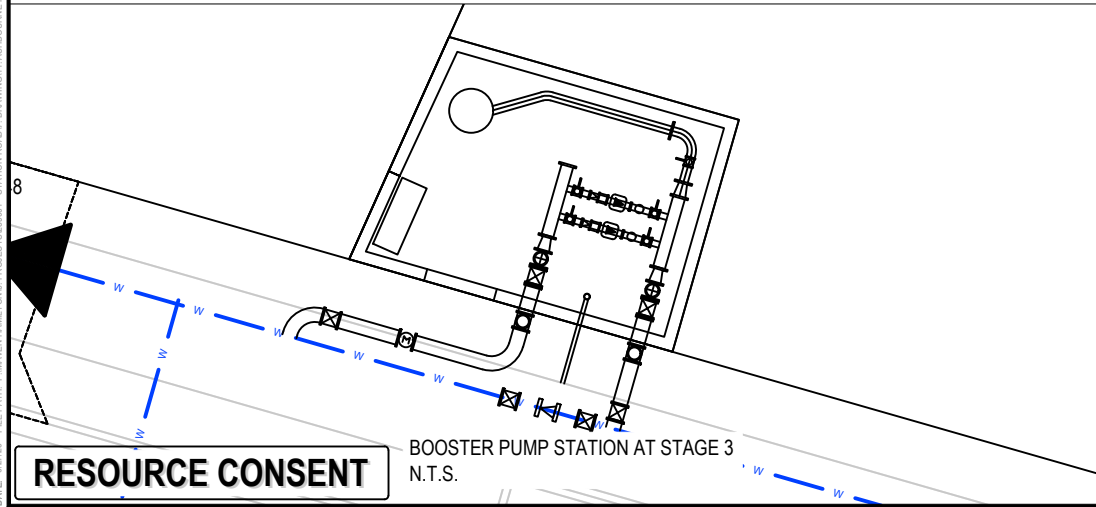
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A	FAST TRACK APP	NDL	05/2025
Rev	Description	By	Date
		By	Date
Survey	MAVEN		03/2024
Design	MES		05/2025
Drawn	NDL		05/2025
Checked	DJM		06/2025

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FOR  
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Title  
**PROPOSED  
WATER SUPPLY  
PLAN STAGE 3**

Project no.	289001		
Scale	1:1500 @ A3		
Cad file	C600-WATERSUPPLY.DWG		
Drawing no.	C600-14	Rev	C

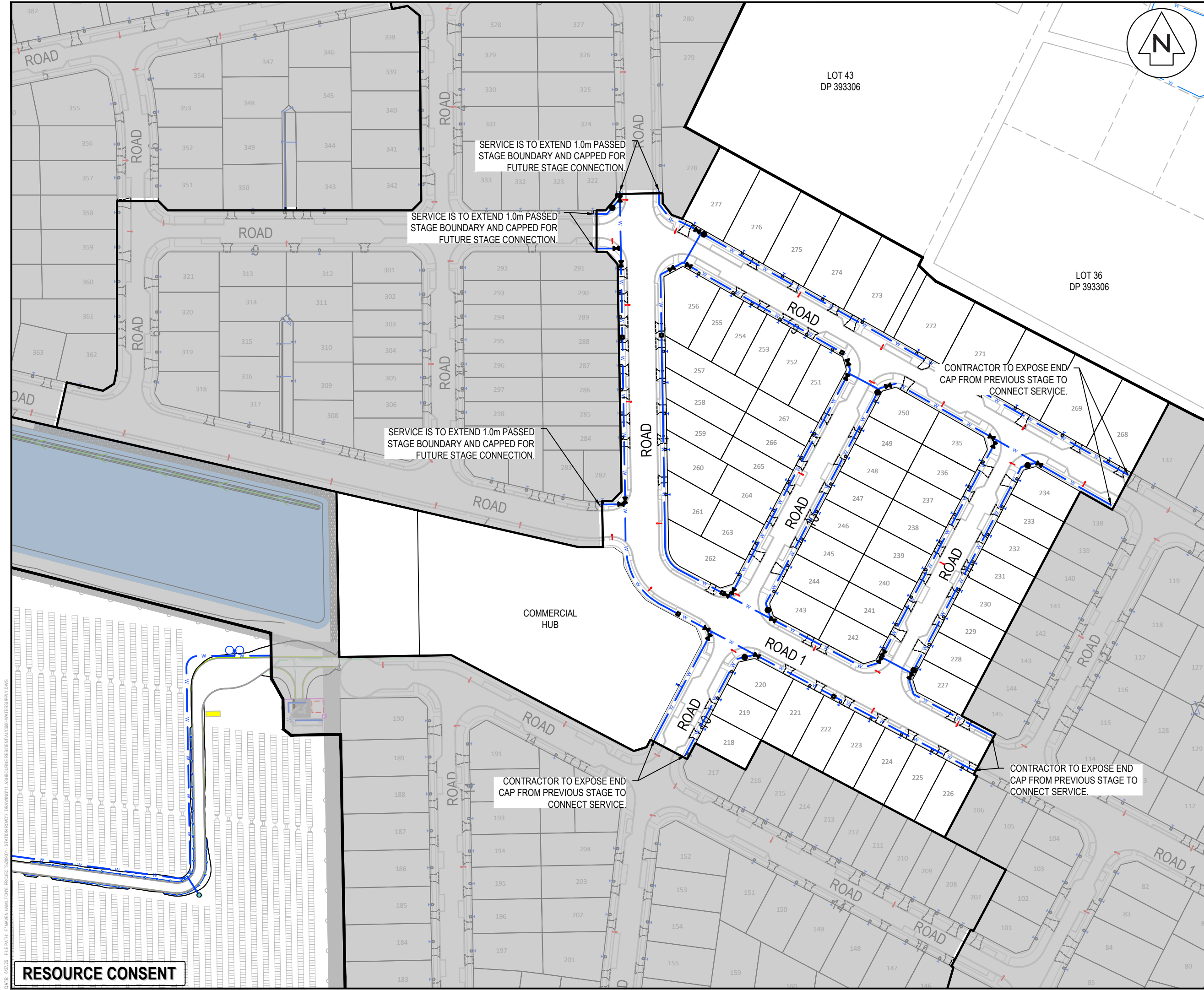


**RESOURCE CONSENT**

BOOSTER PUMP STATION AT STAGE 3  
N.T.S.

DATE: 6/2/25 FILE PATH: F:\MVEN\HAMILTON\6 PROJECTS\289001 - STATION ROAD\ DRAWING\11 ASHBOURNE RESIDENTIAL\0600-WATERSUPPLY.DWG





- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS).
  2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
  3. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
  4. BENCHMARK: IT 1 DPS 29877 RL:65.51. SOURCED FROM THE LINZ GEODETIC DATABASE.
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Legend

	PR BOUNDARY
	EX BDY
	PR SITE BOUNDARY
	PR STAGE BOUNDARY
	EX WATERMAIN
	EX/PR HYDRANT
	EX/PR METER
	EX/PR SLUICE VALVE
	EX/PR PEET VALVE
	PR WATERMAIN
	PR LOT CONNECTION
	PR FLUSHING VALVE
	PR STORMWATER
	PR WASTEWATER
	EX/PR BLANKCAP

B	FAST TRACK APP	MKS	06/2025
A	FAST TRACK APP	NDL	05/2025
Rev	Description	By	Date
		By	Date
Survey	MAVEN		03/2024
Design	MES		05/2025
Drawn	NDL		05/2025
Checked	DJM		06/2025

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Project  
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RESIDENTIAL  
FOR  
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DEVELOPMENTS LTD**

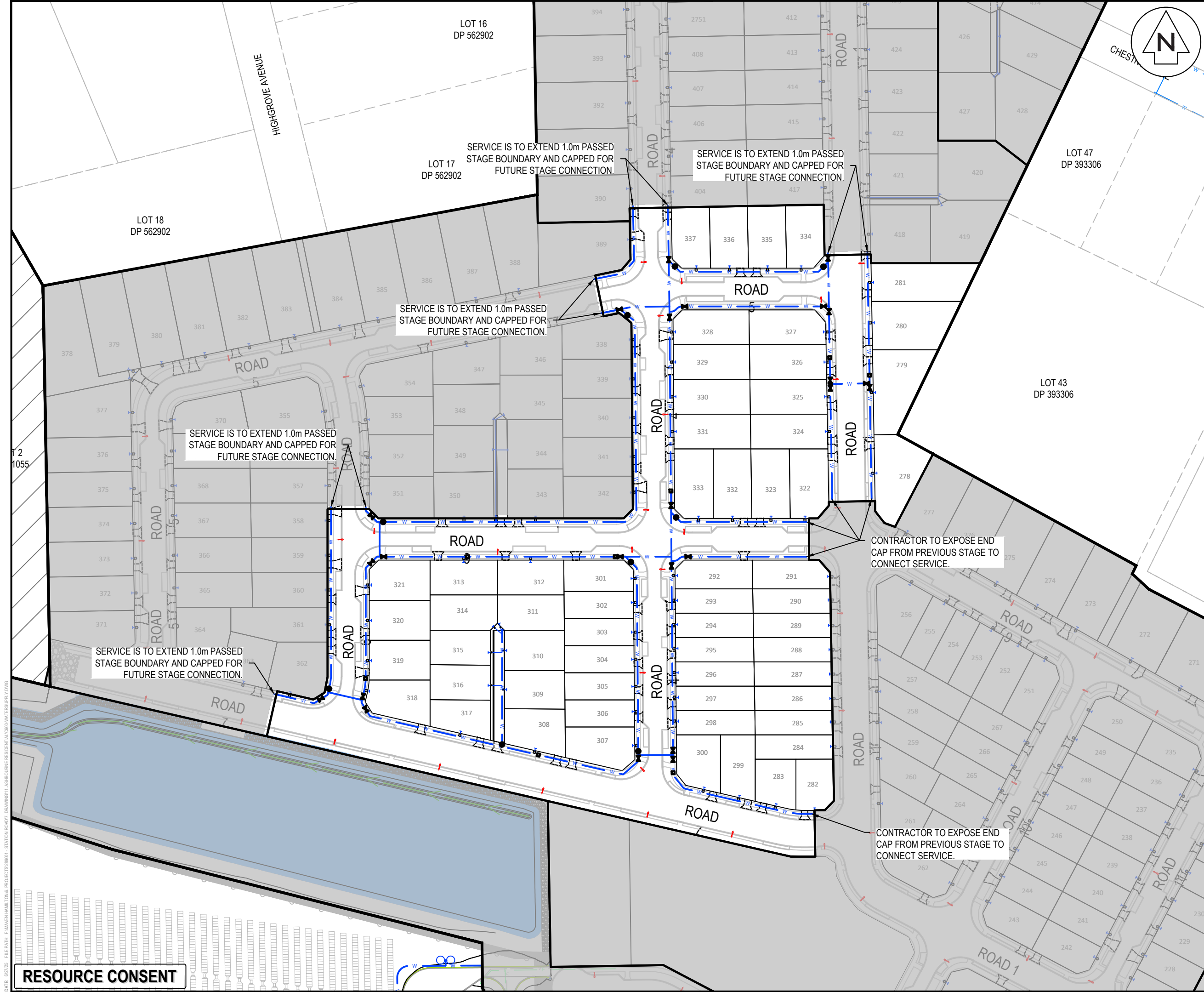
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**PROPOSED  
WATER SUPPLY  
PLAN STAGE 4**

Project no.	289001		
Scale	1:1500 @ A3		
Cad file	C600-WATERSUPPLY.DWG		
Drawing no.	C600-15	Rev	<b>B</b>

RESOURCE CONSENT

DATE: 6/27/25 FILE PATH: F:\Maven\Hamilton\6. PROJECTS\289001 - STATION ROAD\ DRAWING\1. ASHBORNE RESIDENTIAL\0200-WATERSUPPLY.DWG





NOTES

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Legend

PR BOUNDARY

EX BDY

PR SITE BOUNDARY

PR STAGE BOUNDARY

EX WATERMAIN

EX/PR HYDRANT

EX/PR METER

EX/PR SLUICE VALVE

EX/PR PEET VALVE

PR WATERMAIN

PR LOT CONNECTION

PR FLUSHING VALVE

PR STORMWATER

PR WASTEWATER

EX/PR BLANKCAP

B	FAST TRACK APP	MKS	06/2025
A	FAST TRACK APP	NDL	05/2025
Rev	Description	By	Date
Survey	MAVEN	03/2024	
Design	MES	05/2025	
Drawn	NDL	05/2025	
Checked	DJM	06/2025	

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Project

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DEVELOPMENTS LTD

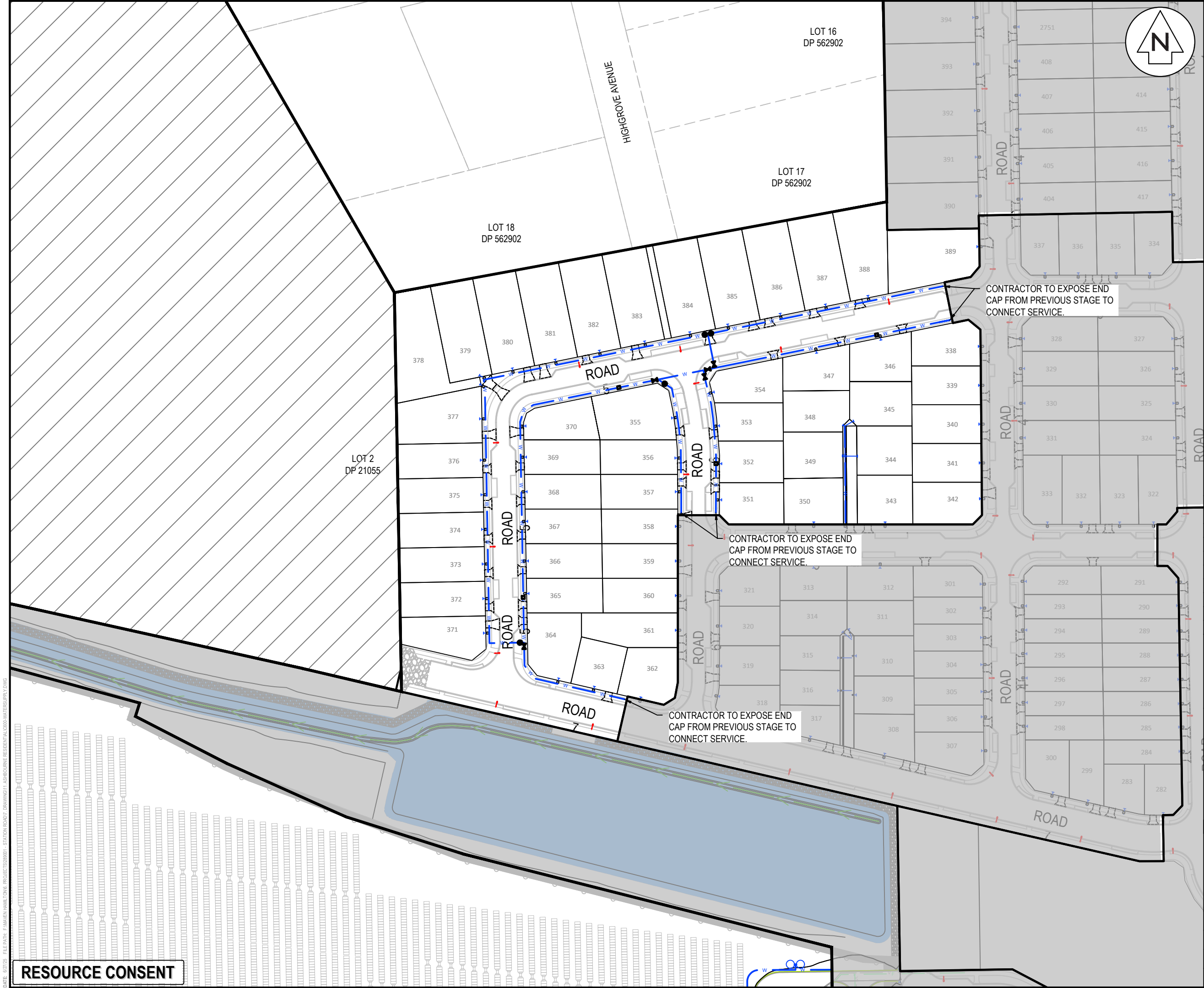
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PROPOSED  
WATER SUPPLY  
PLAN STAGE 5

Project no.	289001		
Scale	1:1500 @ A3		
Cad file	C600-WATERSUPPLY.DWG		
Drawing no.	C600-16	Rev	B

RESOURCE CONSENT

DATE: 6/2/25 FILE PATH: F:\MVEN\HAMILTON\6 PROJECTS\289001 - STATION ROAD\DRAWING\11 ASHBOURNE RESIDENTIAL\0600-WATERSUPPLY.DWG



NOTES

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Legend

	PR BOUNDARY
	EX BDY
	PR SITE BOUNDARY
	PR STAGE BOUNDARY
	EX WATERMAIN
	EX/PR HYDRANT
	EX/PR METER
	EX/PR SLUICE VALVE
	EX/PR PEET VALVE
	PR WATERMAIN
	PR LOT CONNECTION
	PR FLUSHING VALVE
	PR STORMWATER
	PR WASTEWATER
	EX/PR BLANKCAP

B	FAST TRACK APP	MKS	06/2025
A	FAST TRACK APP	NDL	05/2025
Rev	Description	By	Date
		By	Date
Survey	MAVEN		03/2024
Design	MES		05/2025
Drawn	NDL		05/2025
Checked	DJM		06/2025

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New Zealand

Project

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FOR  
MATAMATA  
DEVELOPMENTS LTD**

Title

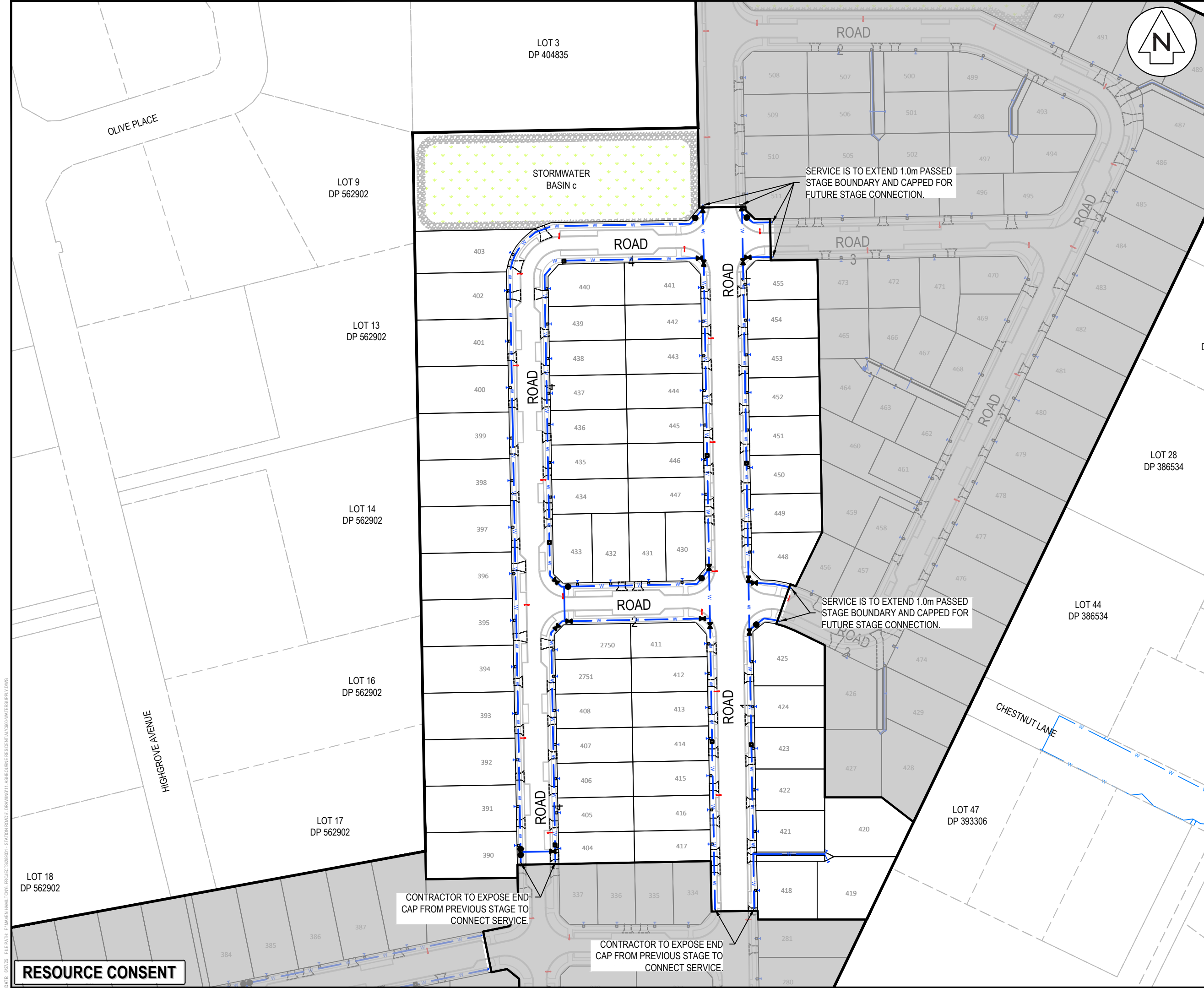
**PROPOSED  
WATER SUPPLY  
PLAN STAGE 6**

Project no.	289001		
Scale	1:1500 @ A3		
Cad file	C600-WATERSUPPLY.DWG		
Drawing no.	C600-17	Rev	<b>B</b>

DATE: 6/27/25 FILEPATH: F:\MVEN\HAMILTON6 PROJECTS\88001 - STATION ROAD7 DRAWING\11 ASHBOURNE RESIDENTIAL\0600-WATERSUPPLY.DWG

RESOURCE CONSENT





NOTES

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Legend

PR BOUNDARY

EX BDY

PR SITE BOUNDARY

PR STAGE BOUNDARY

EX WATERMAIN

EX/PR HYDRANT

EX/PR METER

EX/PR SLUICE VALVE

EX/PR PEET VALVE

PR WATERMAIN

PR LOT CONNECTION

PR FLUSHING VALVE

PR STORMWATER

PR WASTEWATER

EX/PR BLANKCAP

B	FAST TRACK APP	MKS	06/2025
A	FAST TRACK APP	NDL	05/2025
Rev	Description	By	Date
		By	Date
Survey	MAVEN		03/2024
Design	MES		05/2025
Drawn	NDL		05/2025
Checked	DJM		06/2025

M

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Project

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DEVELOPMENTS LTD

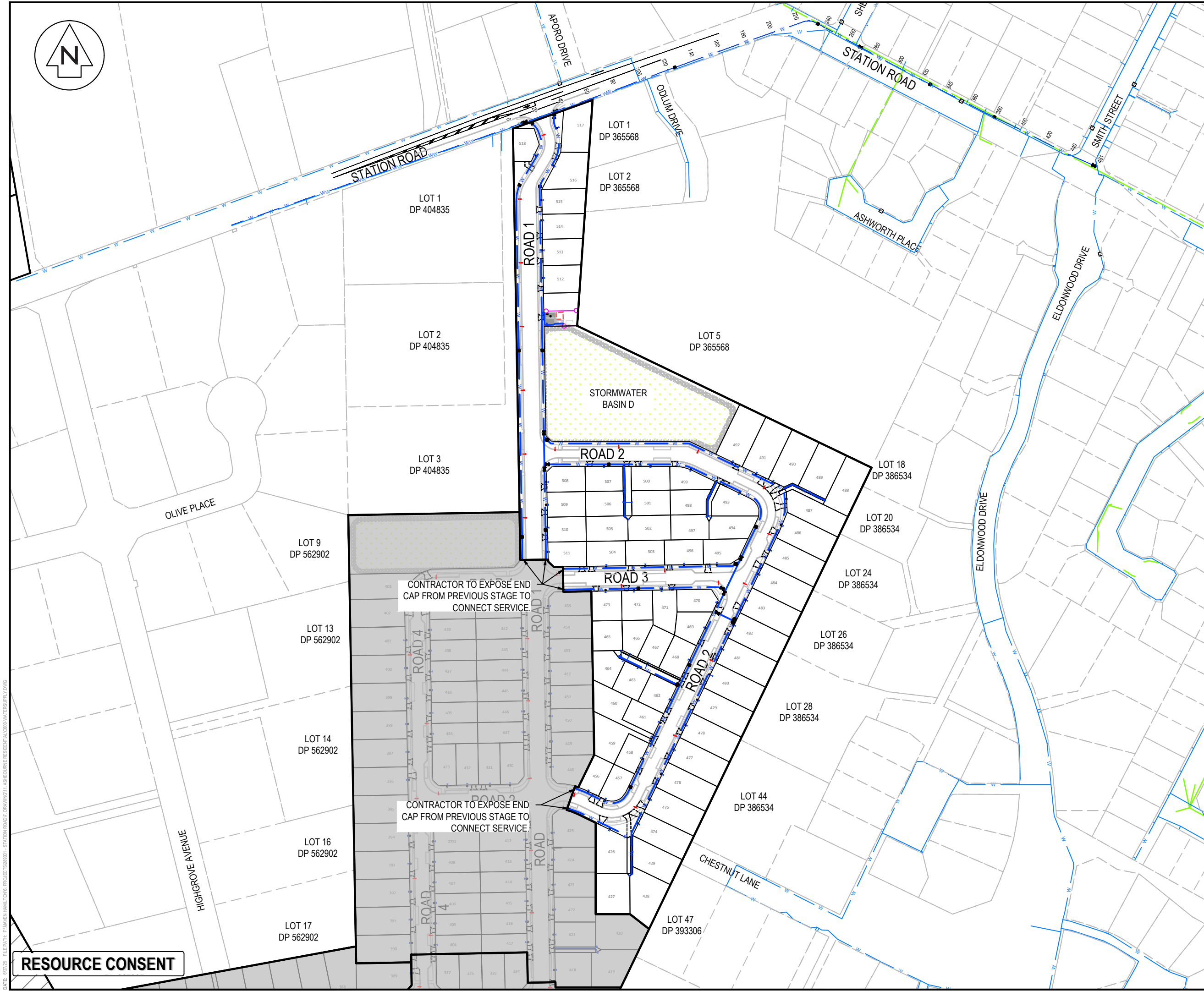
Title

PROPOSED  
WATER SUPPLY  
PLAN STAGE 7

Project no.	289001		
Scale	1:1500 @ A3		
Cad file	C600-WATERSUPPLY.DWG		
Drawing no.	C600-18	Rev	B

DATE: 6/27/25 FILEPATH: F:\MVEN\HAMILTON\6. PROJECTS\289001 - STATION ROAD\DRAWING\11. ASHBOURNE RESIDENTIAL\0300-WATERSUPPLY.DWG

RESOURCE CONSENT



NOTES

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Legend

	PR BOUNDARY
	EX BDY
	PR SITE BOUNDARY
	PR STAGE BOUNDARY
	EX WATERMAIN
	EX/PR HYDRANT
	EX/PR METER
	EX/PR SLUICE VALVE
	EX/PR PEET VALVE
	PR WATERMAIN
	PR LOT CONNECTION
	PR FLUSHING VALVE
	PR STORMWATER
	PR WASTEWATER
	EX/PR BLANKCAP

B	FAST TRACK APP	MKS	06/2025
A	FAST TRACK APP	NDL	05/2025
Rev	Description	By	Date
		By	Date
Survey	MAVEN		03/2024
Design	MES		05/2025
Drawn	NDL		05/2025
Checked	DJM		06/2025

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Project

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DEVELOPMENTS LTD**

Title

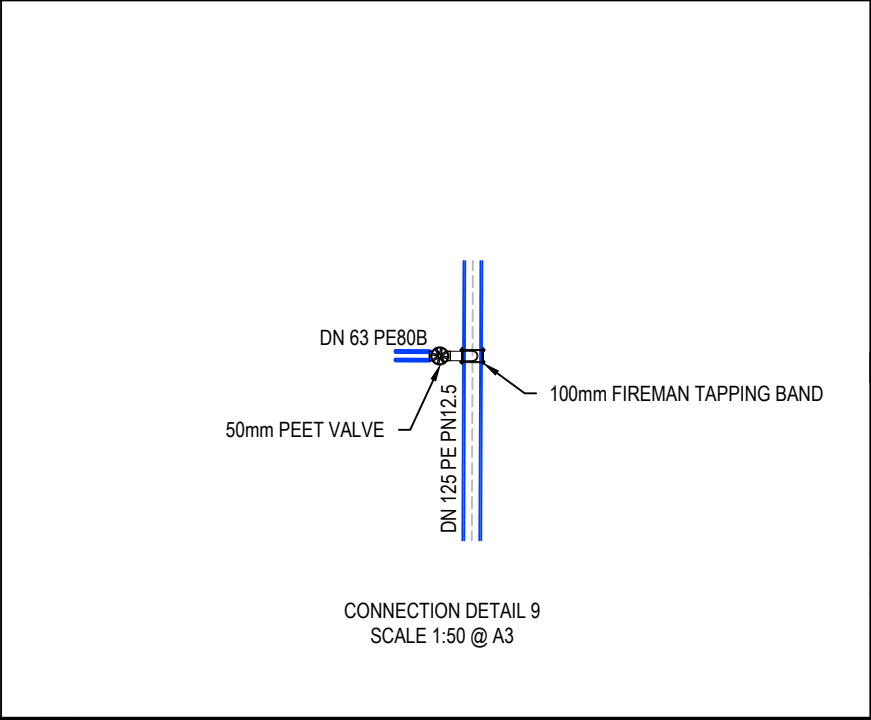
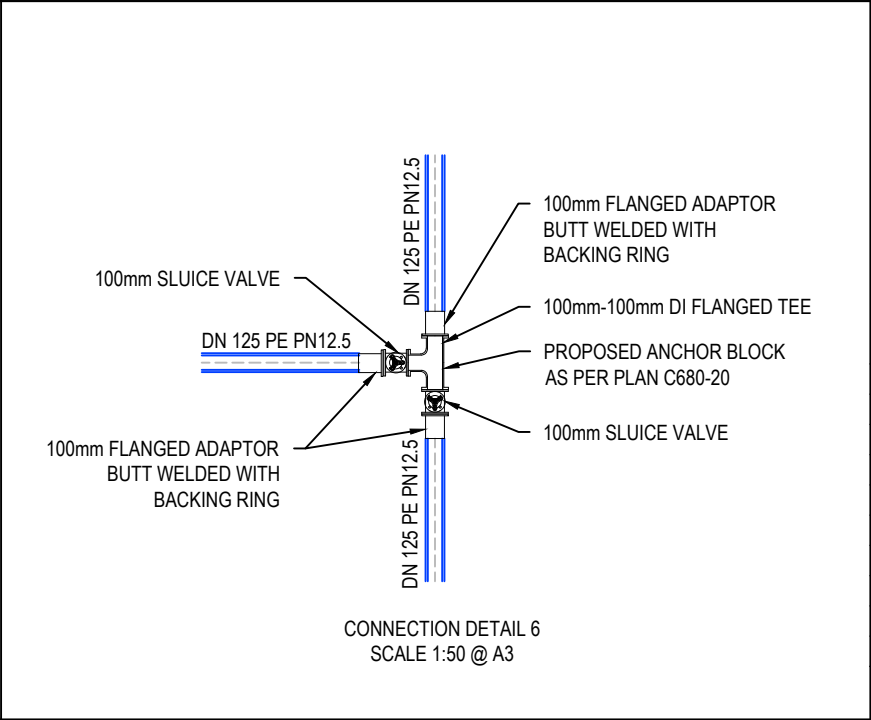
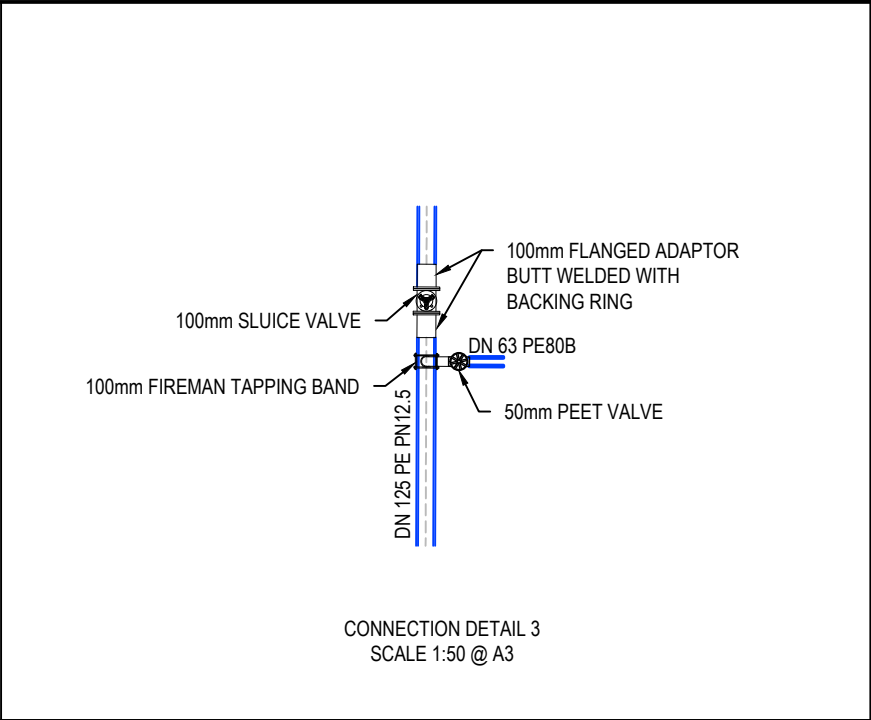
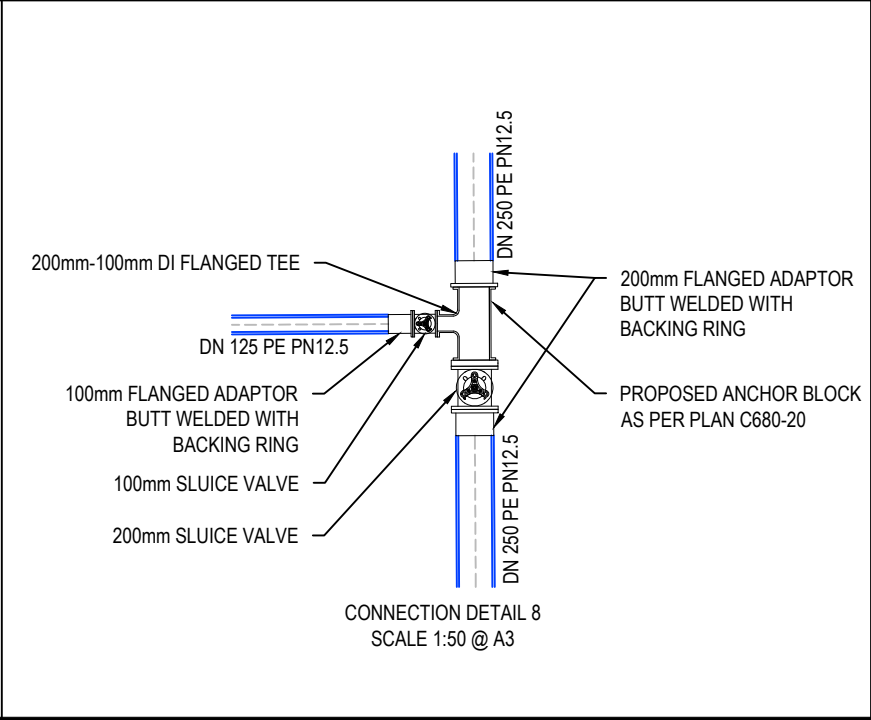
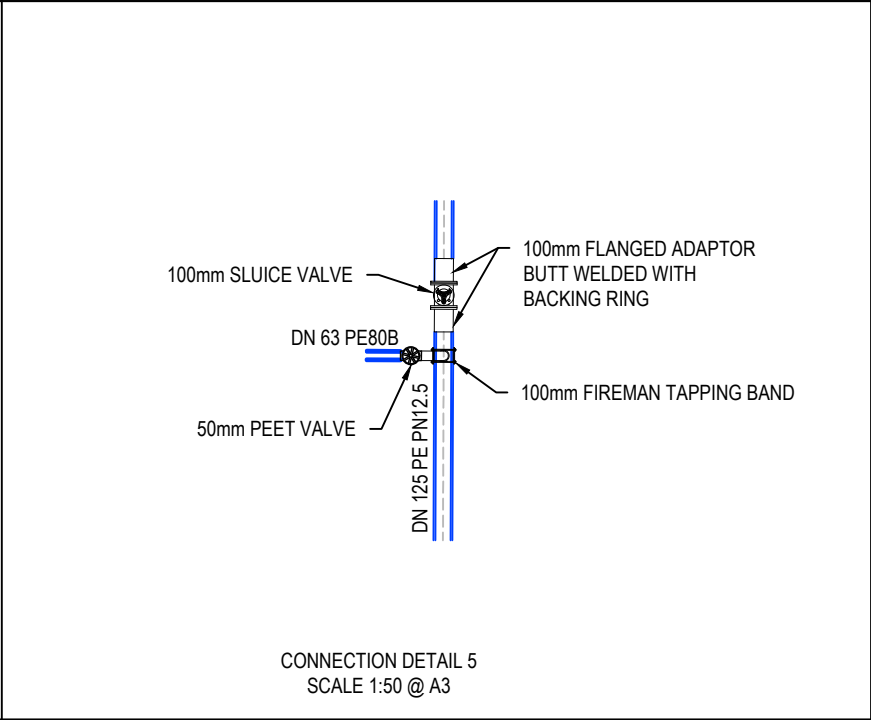
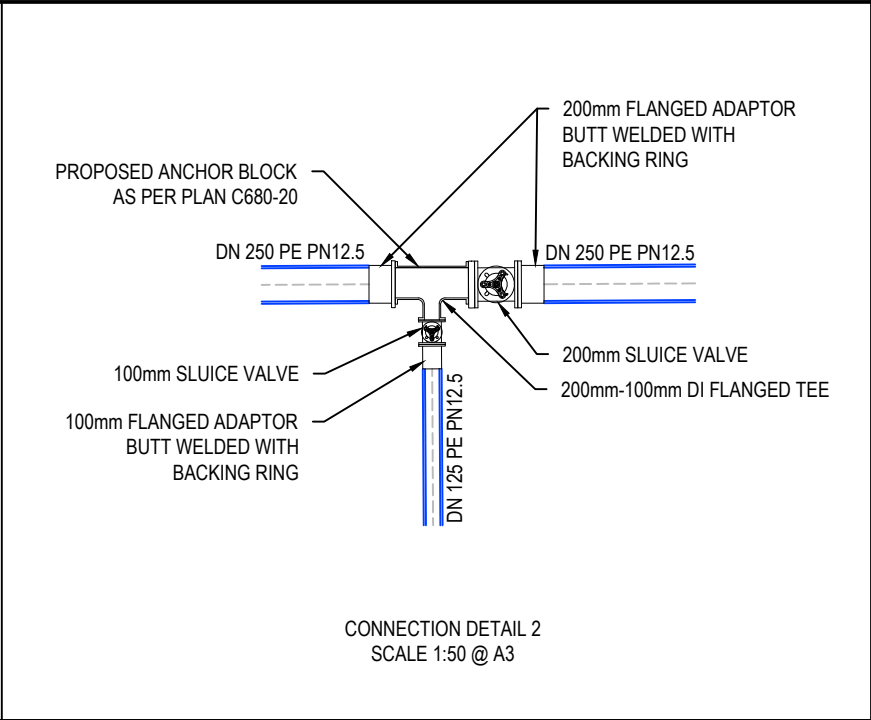
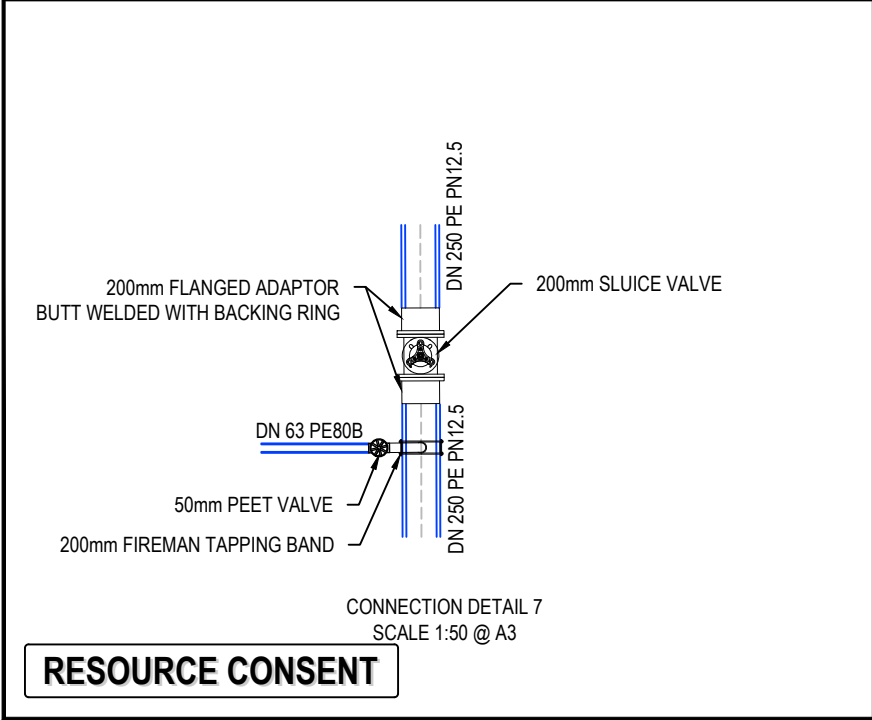
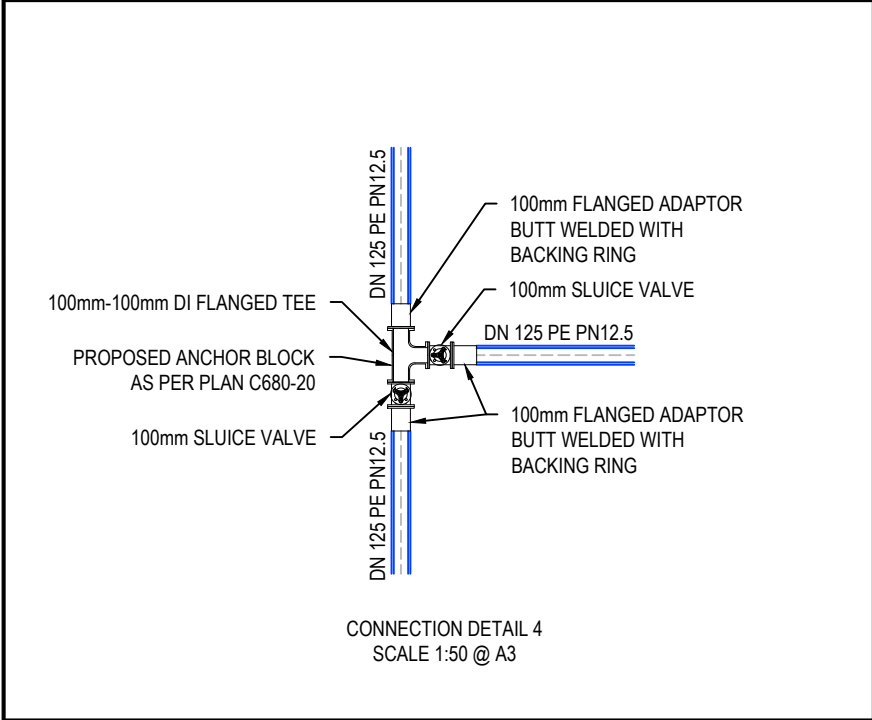
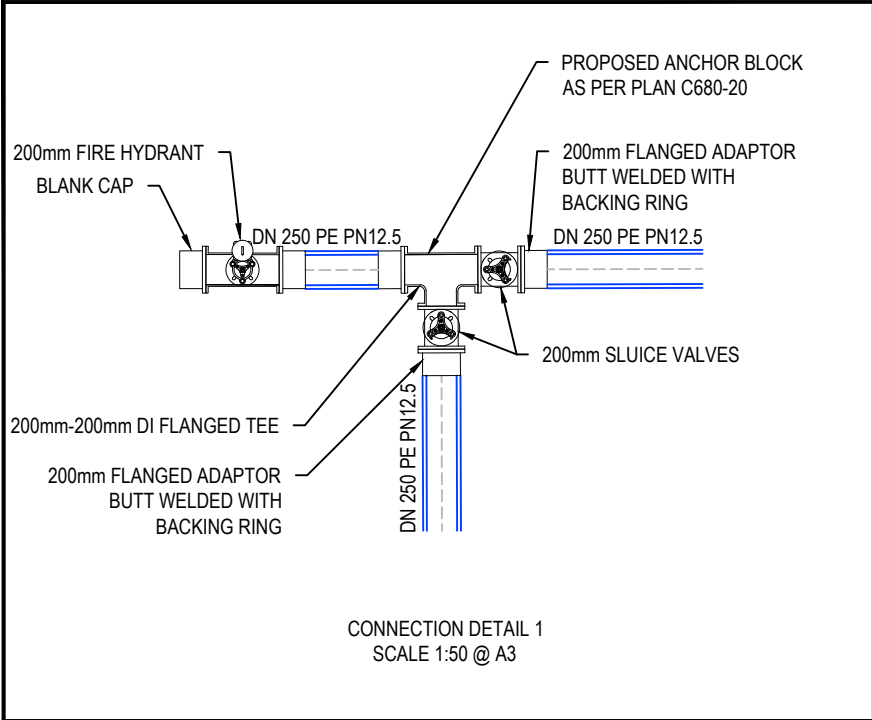
**PROPOSED  
WATER SUPPLY  
PLAN STAGE 8**

Project no.	289001		
Scale	1:2500 @ A3		
Cad file	C600-WATERSUPPLY.DWG		
Drawing no.	C600-19	Rev	<b>B</b>

DATE: 6/27/25 FILEPATH: F:\Maven\Hamilton\6. PROJECTS\289001 - STATION ROAD\ DRAWING\11. ASHBORNE RESIDENTIAL\0600-WATERSUPPLY.DWG

RESOURCE CONSENT






NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS).
2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
3. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
5. STUB FLANGE, BACKING RING AND STUB TO BE WELDED TO PE PIPE.
6. THRUST BLOCKS HAVE NOT BEEN INDICATED ON DETAILS, ALL THRUST BLOCKS TO BE INSTALLED AS PER REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS). PLEASE REFER DETAILS ON SHEET C680-20.
7. REFER TO C600 SERIES DRAWINGS FOR WATER SUPPLY LAYOUT DRAWINGS.

C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	TCH	04/2025
A	FAST TRACK APP	TCH	04/2025
Rev	Description	By	Date
		By	Date
Survey	MAVEN		03/2024
Design	TCH		04/2025
Drawn	TCH		04/2025
Checked	DJM		06/2025



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Project

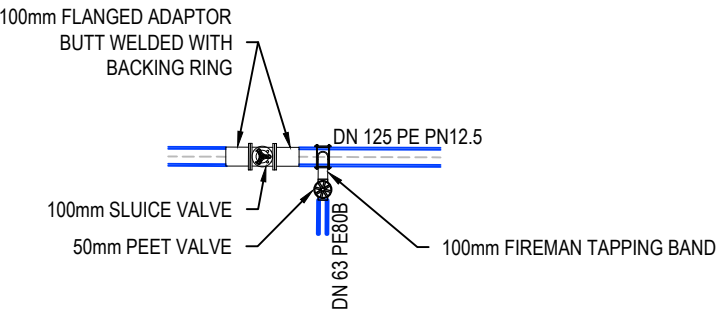
**ASHBOURNE  
RESIDENTIAL  
FOR  
MATAMATA  
DEVELOPMENTS LTD**

Title

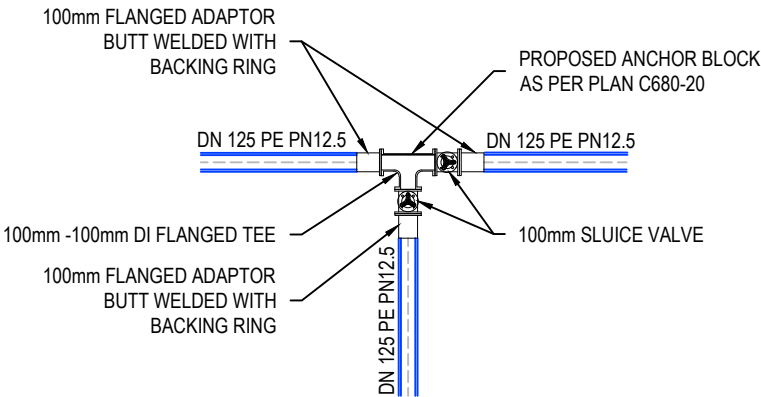
**PROPOSED  
WATER SUPPLY DETAILS  
SHEET 1 OF 4**

Project no.	289001		
Scale	AS SHOWN		
Cad file	C600-WATERSUPPLY.DWG		
Drawing no.	C650-1	Rev	<b>C</b>

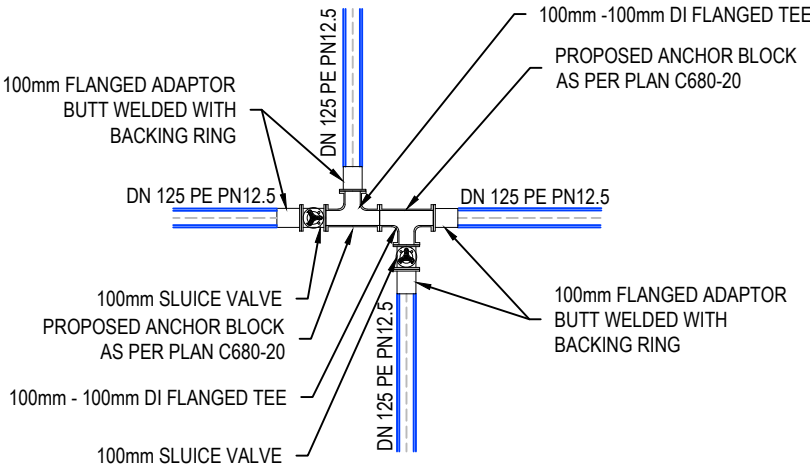
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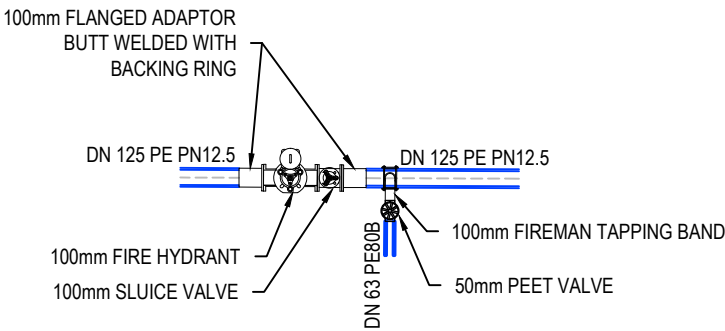
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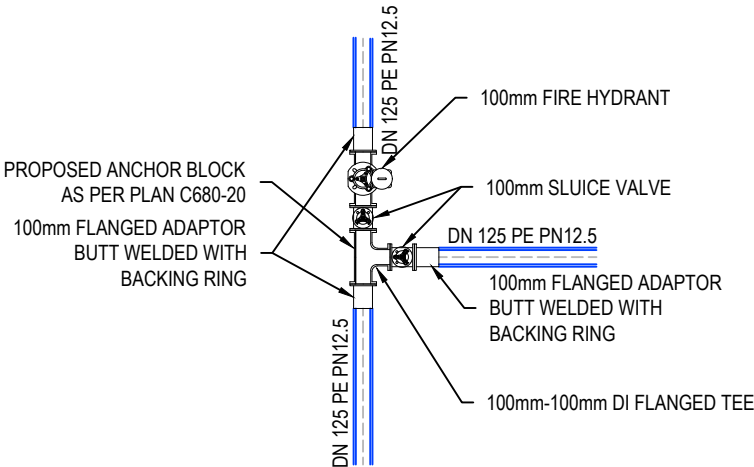
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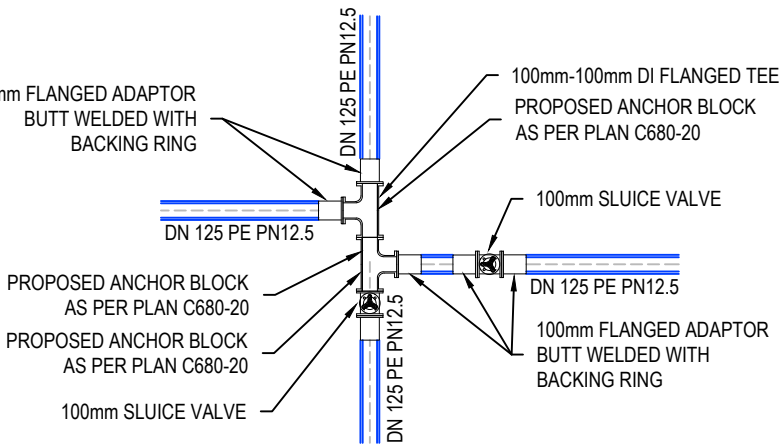
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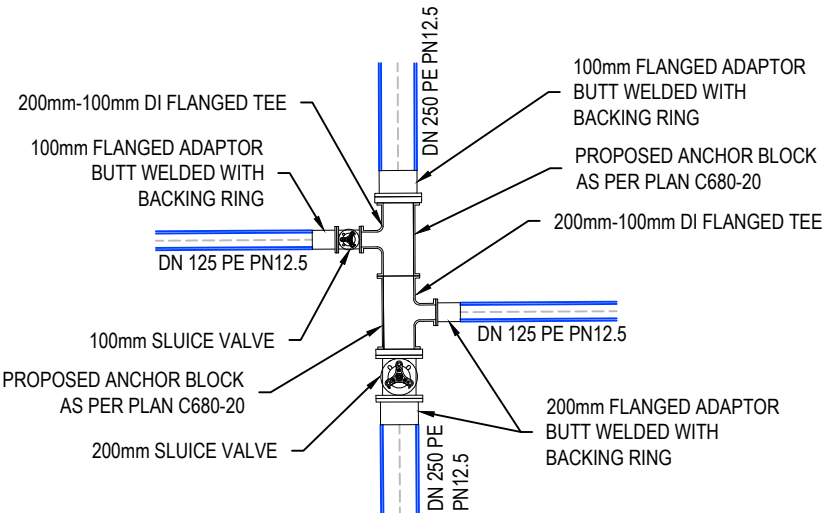
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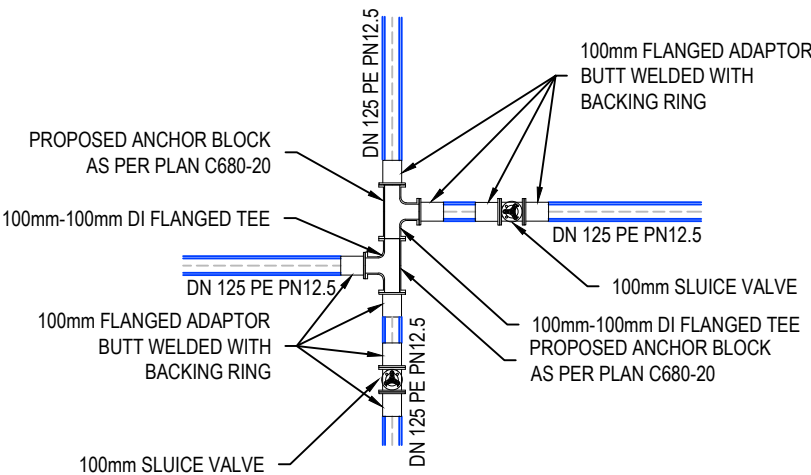
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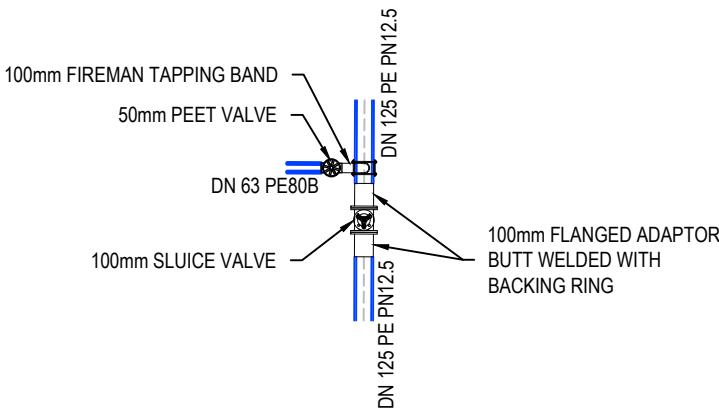
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CONNECTION DETAIL 16  
SCALE 1:50 @ A3



CONNECTION DETAIL 17  
SCALE 1:50 @ A3



CONNECTION DETAIL 18  
SCALE 1:50 @ A3

RESOURCE CONSENT

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS).
  2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
  3. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
  5. STUB FLANGE, BACKING RING AND STUB TO BE WELDED TO PE PIPE.
  6. THRUST BLOCKS HAVE NOT BEEN INDICATED ON DETAILS, ALL THRUST BLOCKS TO BE INSTALLED AS PER REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS). PLEASE REFER DETAILS ON SHEET C680-20.
  7. REFER TO C600 SERIES DRAWINGS FOR WATER SUPPLY LAYOUT DRAWINGS.

C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	TCH	04/2025
A	FAST TRACK APP	TCH	04/2025
Rev	Description	By	Date
		By	Date
Survey	MAVEN		03/2024
Design	TCH		04/2025
Drawn	TCH		04/2025
Checked	DJM		06/2025

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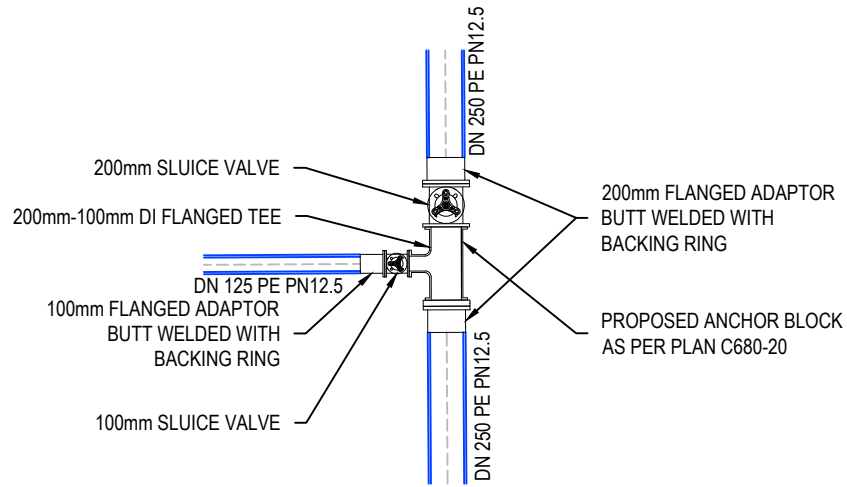
Project  
**ASHBOURNE  
RESIDENTIAL  
FOR  
MATAMATA  
DEVELOPMENTS LTD**

Title  
**PROPOSED  
WATER SUPPLY DETAILS  
SHEET 2 OF 4**

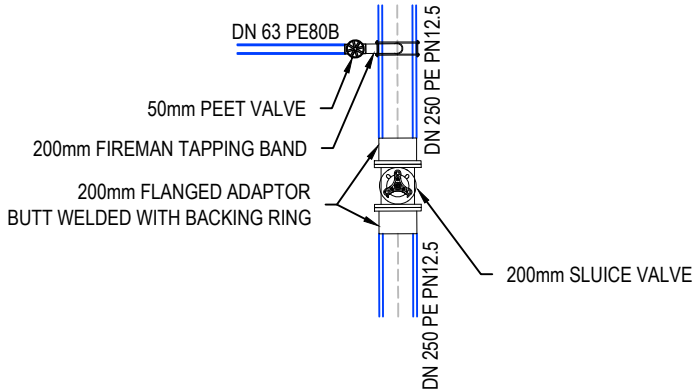
Project no.	289001
Scale	AS SHOWN
Cad file	C600-WATERSUPPLY.DWG
Drawing no.	C650-2
Rev	C



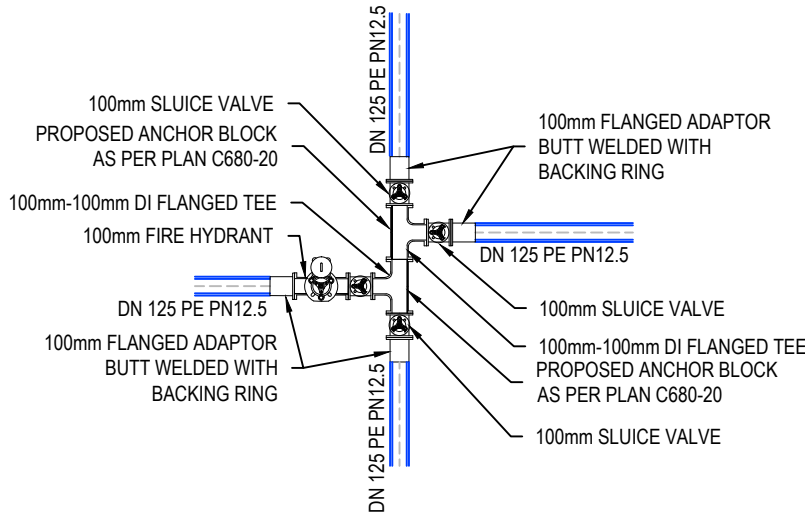
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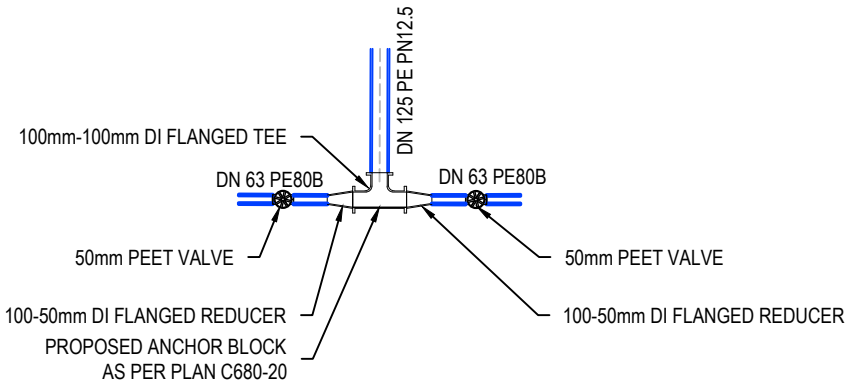
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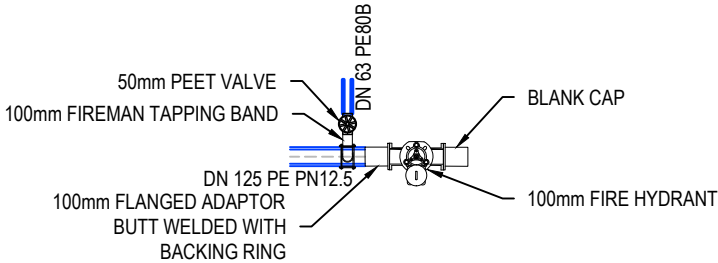
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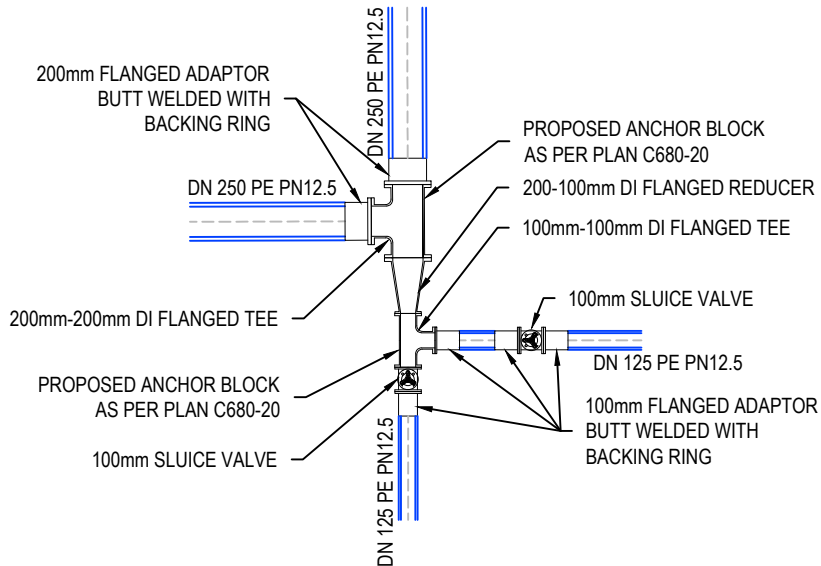
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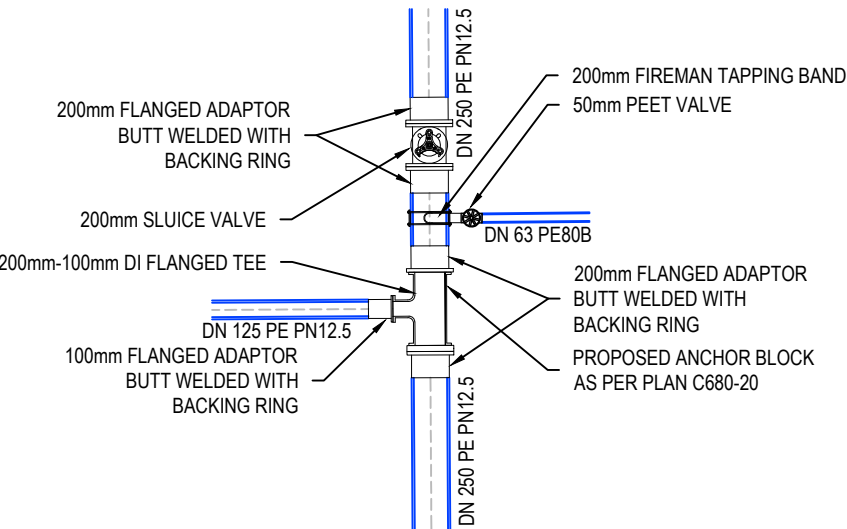
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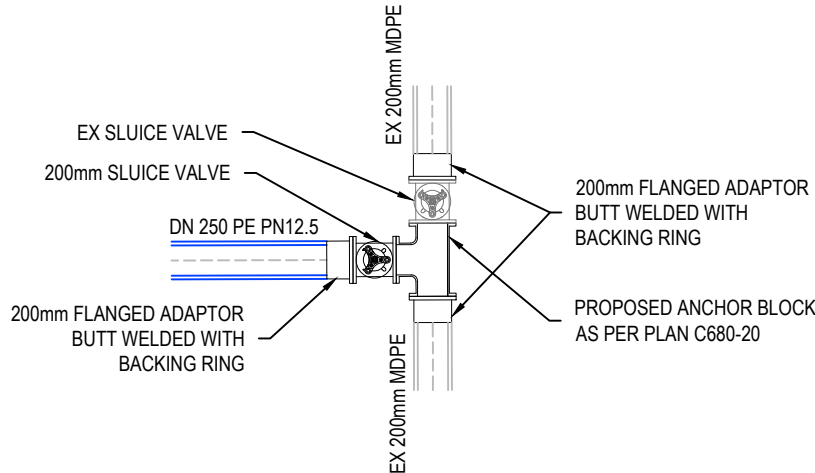
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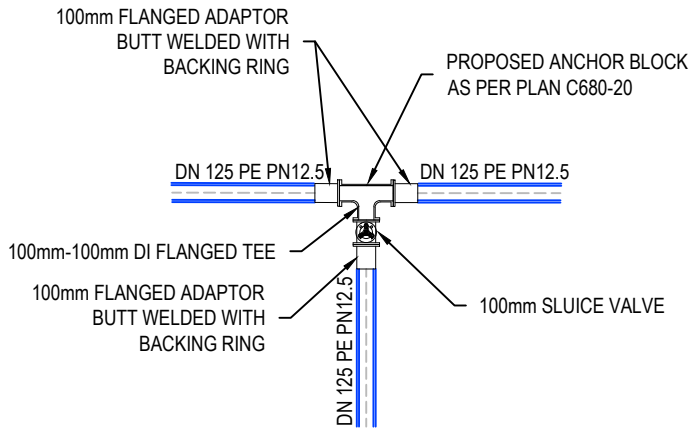
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CONNECTION DETAIL 25  
SCALE 1:50 @ A3



CONNECTION DETAIL 26  
SCALE 1:50 @ A3



CONNECTION DETAIL 27  
SCALE 1:50 @ A3

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS).
  2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
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  7. REFER TO C600 SERIES DRAWINGS FOR WATER SUPPLY LAYOUT DRAWINGS.

C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	TCH	04/2025
A	FAST TRACK APP	TCH	04/2025
Rev	Description	By	Date
		By	Date
Survey	MAVEN		03/2024
Design	TCH		04/2025
Drawn	TCH		04/2025
Checked	DJM		06/2025

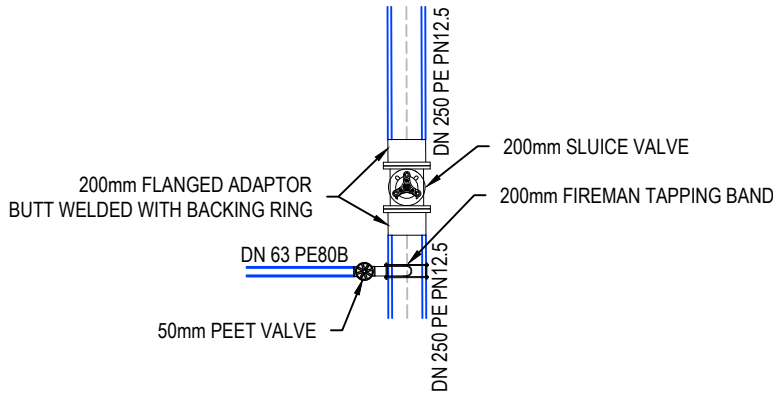
**M** Maven Waikato  
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New Zealand

Project  
**ASHBOURNE  
RESIDENTIAL  
FOR  
MATAMATA  
DEVELOPMENTS LTD**

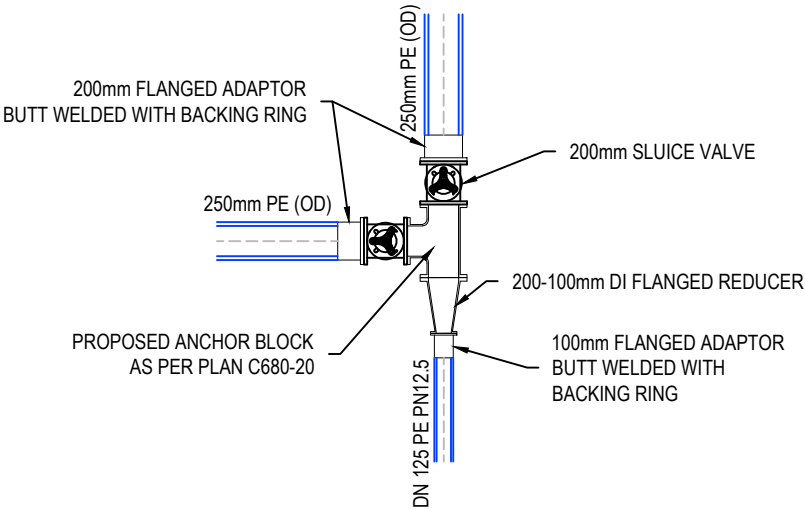
Title  
**PROPOSED  
WATER SUPPLY DETAILS  
SHEET 3 OF 4**

Project no.	289001
Scale	AS SHOWN
Cad file	C600-WATERSUPPLY.DWG
Drawing no.	C650-3
Rev	C

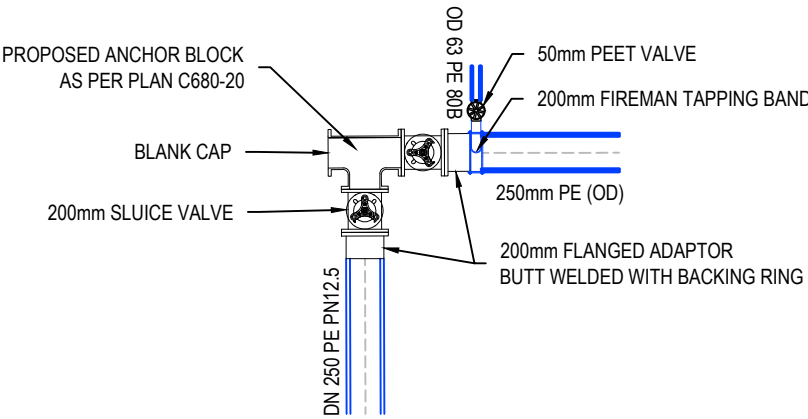
RESOURCE CONSENT



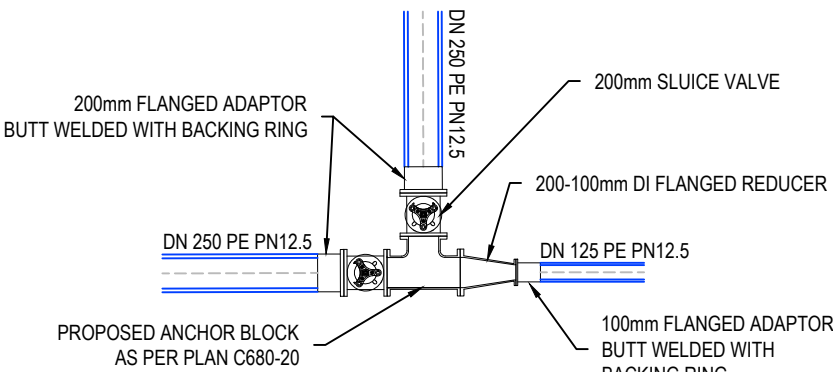
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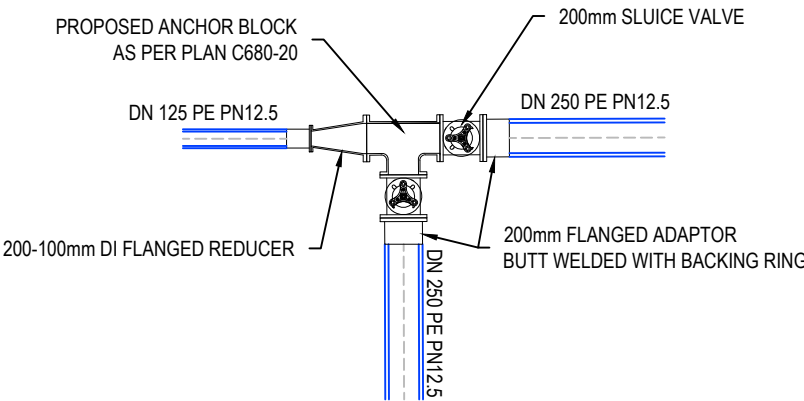
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CONNECTION DETAIL 30  
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CONNECTION DETAIL 31  
SCALE 1:50 @ A3



CONNECTION DETAIL 32  
SCALE 1:50 @ A3

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS (RITS).
  2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MOUNT EDEN 2000.
  3. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
  5. STUB FLANGE, BACKING RING AND STUB TO BE WELDED TO PE PIPE.
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  7. REFER TO C600 SERIES DRAWINGS FOR WATER SUPPLY LAYOUT DRAWINGS.

D	FAST TRACK APP	MKS	06/2025
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	TCH	04/2025
A	FAST TRACK APP	TCH	04/2025
Rev	Description	By	Date
		By	Date
Survey	MAVEN		03/2024
Design	TCH		04/2025
Drawn	TCH		04/2025
Checked	DJM		06/2025

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Project  
**ASHBOURNE  
RESIDENTIAL  
FOR  
MATAMATA  
DEVELOPMENTS LTD**

Title  
**PROPOSED  
WATER SUPPLY DETAILS  
SHEET 4 OF 4**

Project no.	289001		
Scale	AS SHOWN		
Cad file	C600-WATERSUPPLY.DWG		
Drawing no.	C650-4	Rev	<b>D</b>

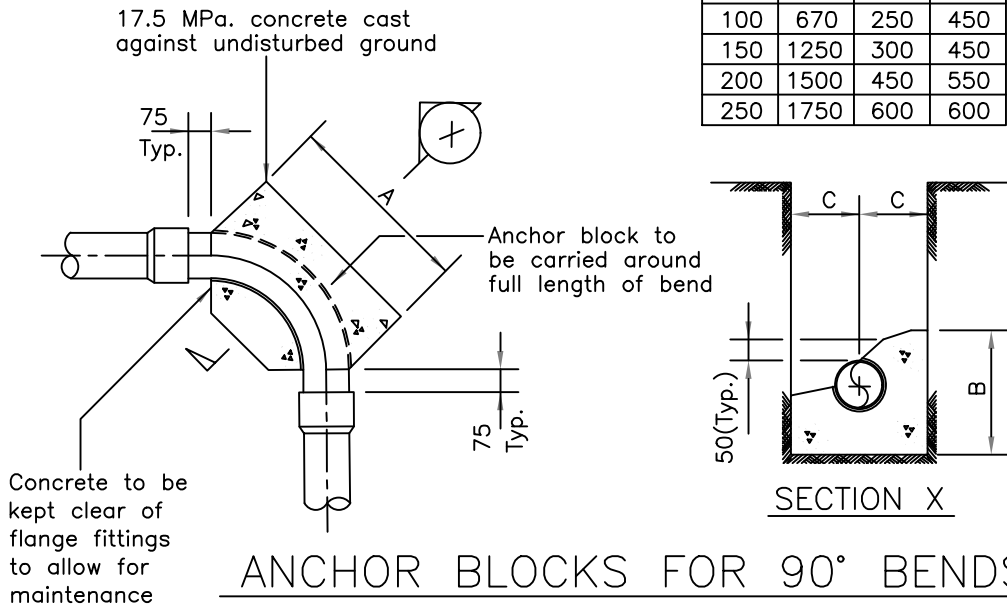
RESOURCE CONSENT



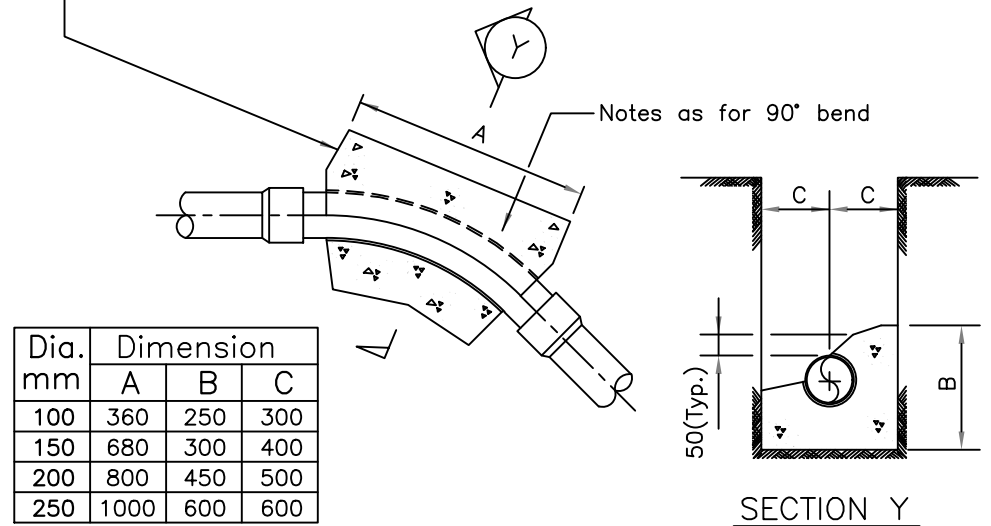
Notes :

1. Thrust block dimensions for firm soil conditions.
2. The dimensions to be increased or decreased for variation in soil conditions.
3. Allowable bearing stress used - 100KPa.
4. Internal pipe test pressure up to 1400KPa.
5. As built locations to be obtained prior to backfill.
6. Protective membrane ( Polythene ) between concrete & pipe.
7. 75mm clearance between fittings/flanges and concrete casting.
8. All fittings to be Denso wrapped to the product specification. ( Butyl system for Plastic pipes )

Dia. mm	Dimension		
	A	B	C
100	670	250	450
150	1250	300	450
200	1500	450	550
250	1750	600	600



ANCHOR BLOCKS FOR 90° BENDS

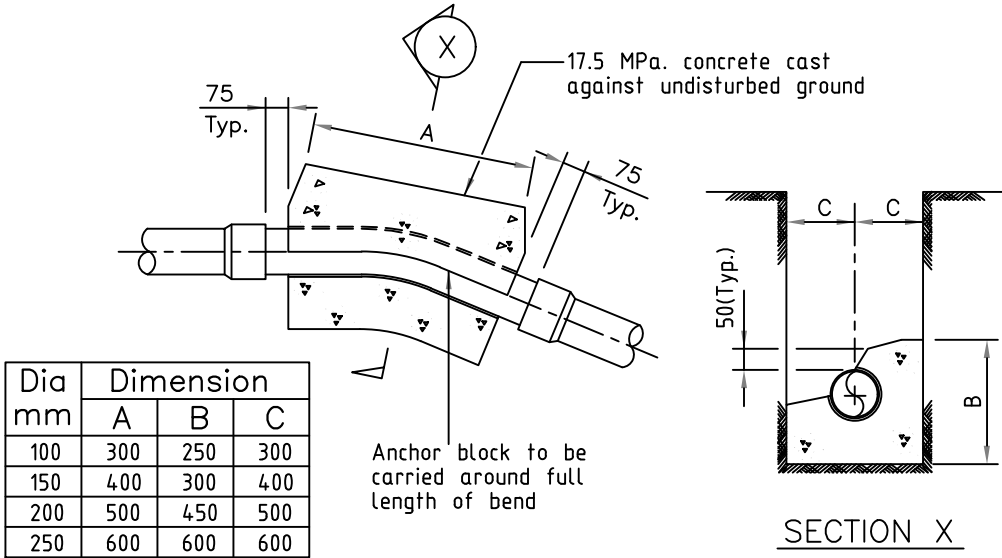


ANCHOR BLOCKS FOR 45° BENDS

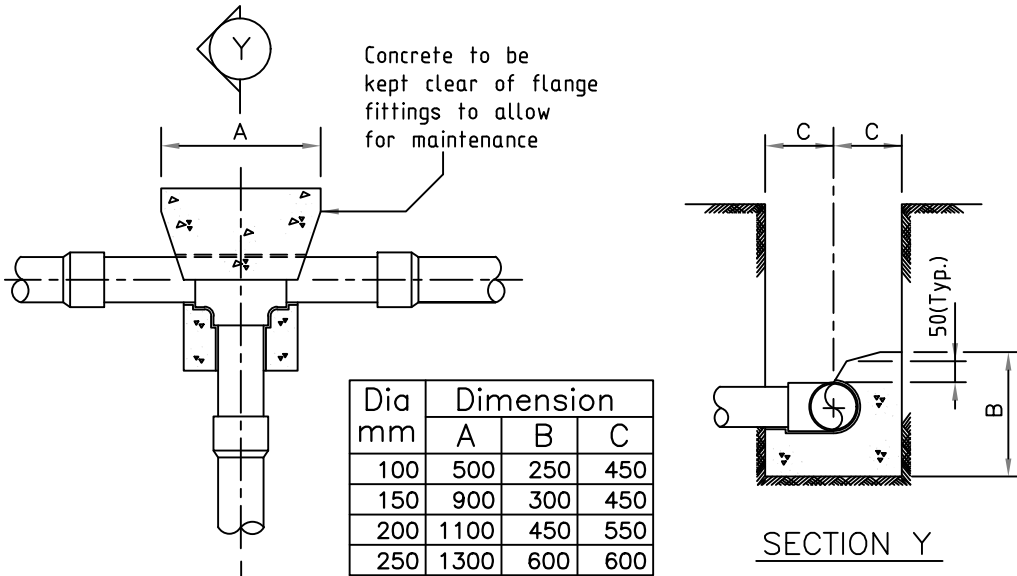
Dia. mm	Dimension		
	A	B	C
100	360	250	300
150	680	300	400
200	800	450	500
250	1000	600	600

Notes :

1. Thrust block dimensions for firm soil conditions.
2. The dimensions to be increased or decreased for variation in soil conditions.
3. Allowable bearing stress used - 100KPa.
4. Internal pipe test pressure up to 1400KPa.
5. As built locations to be obtained prior to backfill.
6. Protective membrane ( Polythene ) between concrete & pipe.
7. 75mm clearance between fittings/flanges and concrete casting.
8. All fittings to be Denso wrapped to the product specification. ( Butyl system for Plastic pipes )



ANCHOR BLOCKS FOR 22 1/2° & 11 1/4° BENDS



ANCHOR BLOCKS TEE JUNCTION & END CAPS

Dia mm	Dimension		
	A	B	C
100	500	250	450
150	900	300	450
200	1100	450	550
250	1300	600	600

NOTES

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7. REFER TO C600 SERIES DRAWINGS FOR WATER SUPPLY LAYOUT DRAWINGS.

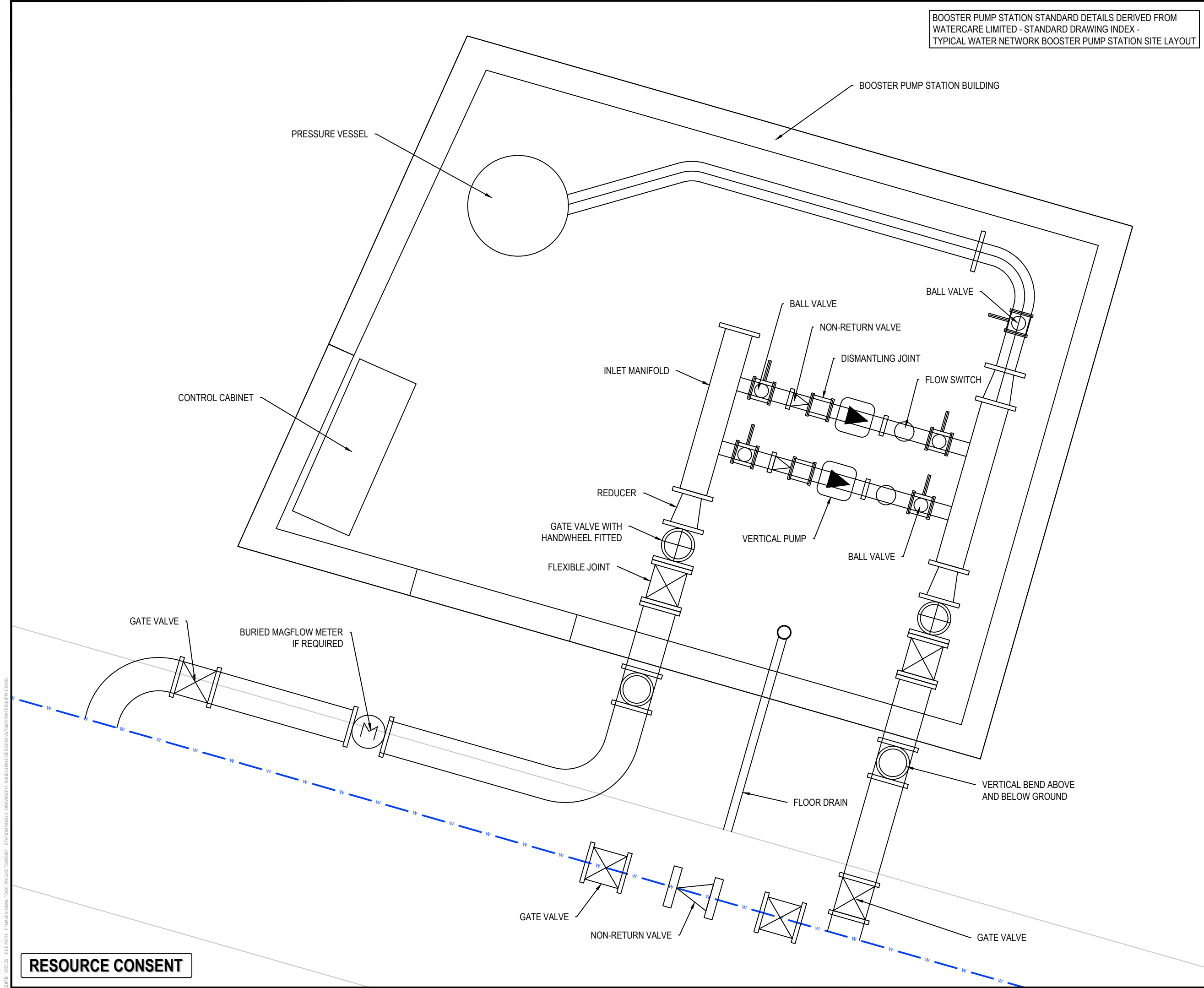
Rev	Description	By	Date
C	FAST TRACK APP	MKS	05/2025
B	FAST TRACK APP	TCH	04/2025
A	FAST TRACK APP	TCH	04/2025
Rev	Description	By	Date
Survey	MAVEN		03/2024
Design	TCH		04/2025
Drawn	TCH		04/2025
Checked	DJM		06/2025



Project  
**ASHBOURNE  
RESIDENTIAL  
FOR  
MATAMATA  
DEVELOPMENTS LTD**

Title  
**PROPOSED  
WATER SUPPLY  
ANCHOR BLOCK DETAILS**

Project no.	289001
Scale	AS SHOWN
Cad file	C600-WATERSUPPLY.DWG
Drawing no.	C680-20
Rev	C



BOOSTER PUMP STATION STANDARD DETAILS DERIVED FROM WATERCARE LIMITED - STANDARD DRAWING INDEX - TYPICAL WATER NETWORK BOOSTER PUMP STATION SITE LAYOUT

- NOTES
1. SITE BUILDING AESTHETICS SHALL BE MANAGED WITH PLANTING AND BE IN ACCORDANCE WITH THE PUMP STATION RESOURCE CONSENT CONDITIONS.
  2. THE PUMP STATION SITE SHALL BE MADE LEVEL TO ITS FULL EXTENT.
  3. SITE DRAINAGE SHALL ADEQUATELY DRAIN WATER FROM THE SITE AND THE PUMP STATION BUILDING.
  4. BURIED MAGFLOW METER IF REQUIRED WITH CLEARANCE FROM BENDS AND VALVES OF 9 X DIAMETER OF PIPE UP STREAM & 5 X DIAMETER OF PIPE DOWN STREAM.
  5. SITE MAY BE REQUIRED TO BE FULLY FENCED.
  6. SITE PARKING REQUIRED WHERE OFF-SITE PARKING IS NOT AVAILABLE.
  7. FOR BOOSTER PUMP STATIONS WITH PUMP MANIFOLD < 32mm DIAMETER THE PUMPSET MAYBE LOCATED IN A CHAMBER.

A	FAST TRACK APP	MKS	06/2025
Rev	Description	By	Date
		By	Date
Survey	MAVEN		05/2024
Design	MKS		06/2025
Drawn	MKS		06/2025
Checked	DJM		06/2025

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Project  
**ASHBOURNE  
RESIDENTIAL  
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MATAMATA  
DEVELOPMENTS LTD**

Title  
**PROPOSED  
WATER SUPPLY  
BOOSTER PS DETAILS**

Project no.	289001
Scale	1:25 @ A3
Cad file	C680-WATERSUPPLY.DWG
Drawing no.	C680-21
Rev	<b>A</b>

RESOURCE CONSENT