



LEGEND	
	63 OD WATERMAIN
	125 OD WATERMAIN
	25dia LOT CONNECTION
	PEET VALVE
	SLUICE VALVE
	FIRE HYDRANT
	BLANK CAP / BLEEDER VALVE
	EXISTING 63 OD WATERMAIN
	EXISTING 100 ID WATERMAIN
	EXISTING 150 ID WATERMAIN

Note: Connections to existing water mains completed by WSL contractor.

ENG 60346814

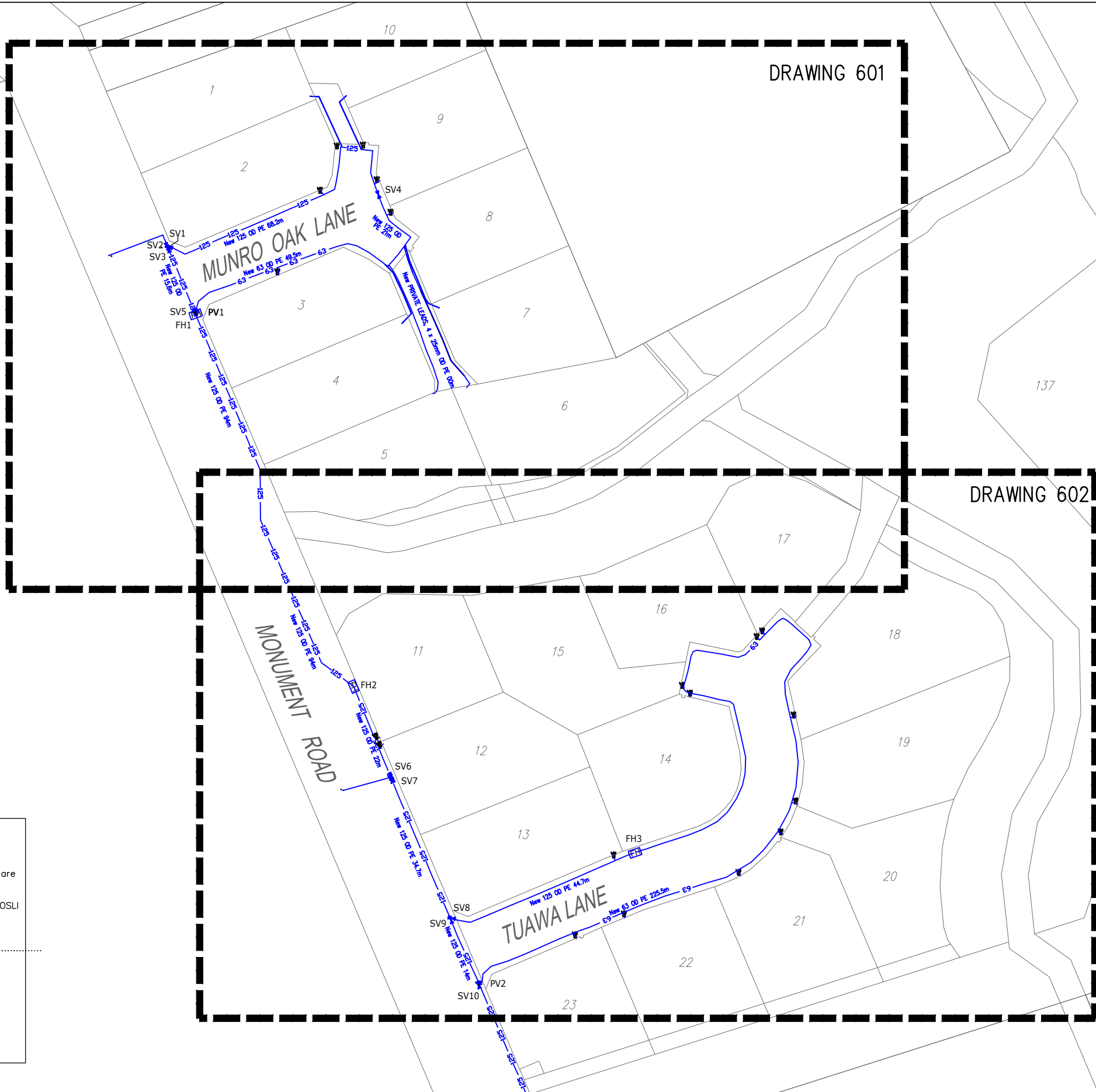
I certify that these Asbuilt Plans are an accurate record of the works undertaken and that:

- i) The Coordinates (X, Y) are in terms of NZTM on NZGD (2000), and are within +/-50mm.
- ii) The Levels (Z) are in terms of Auckland 1946 (MSL) LINZ datum (DOSLI datum), and are within +/- 10mm.

Signed:
Chartered Professional Engineer / Registered Professional Surveyor (delete as appropriate)

Date:

Name: Brian Jones
Phone: 09 918 6565
Email: b.jones@neilgroup.co.nz



PRELIMINARY

Rev	Description	By	Date
A			

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 LEVEL 3, BUILDING B
 8 NUGENT STREET
 GRAFTON

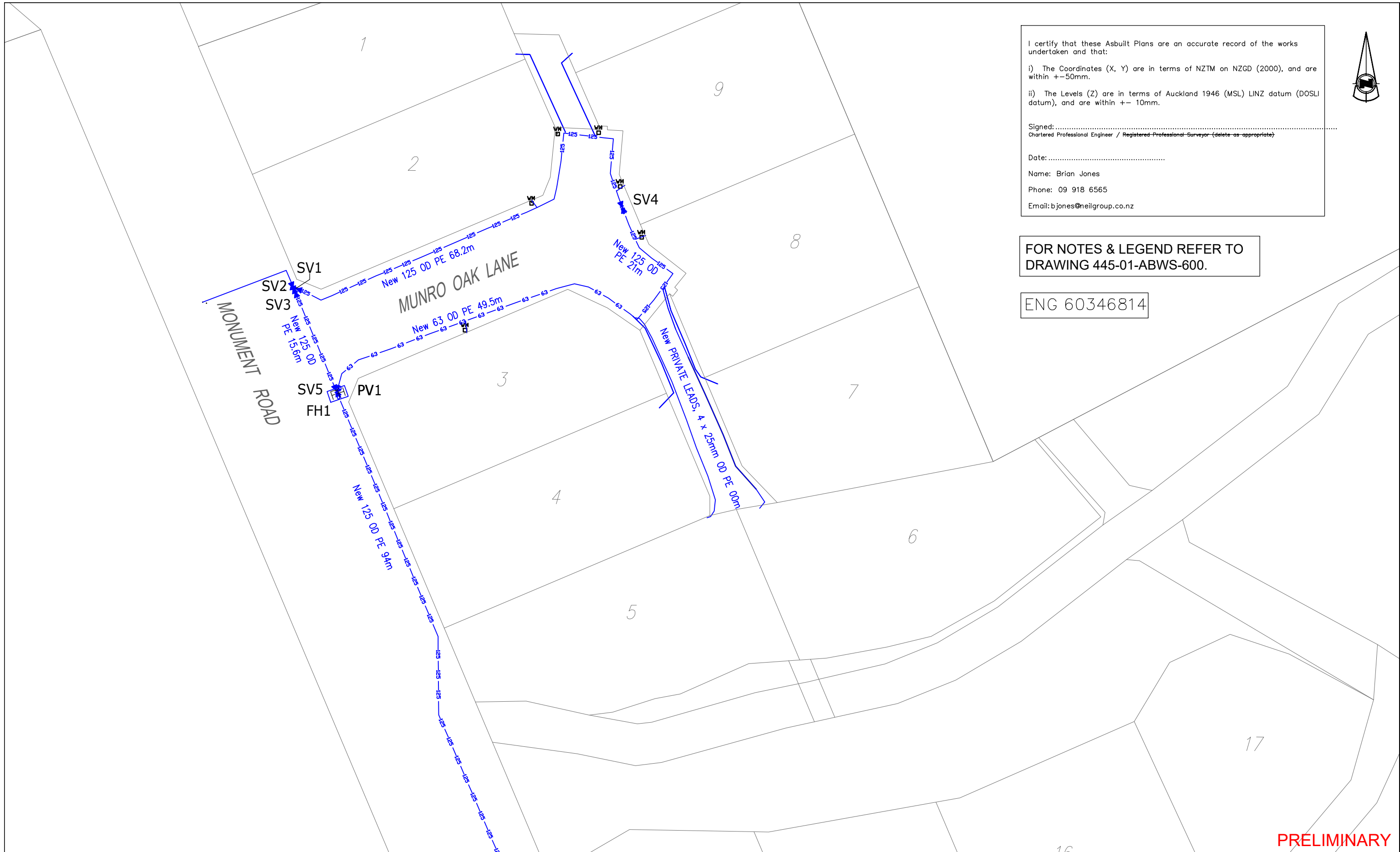
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Job Title
**108 MONUMENT ROAD
 CLEVEDON**

Drawing Title
**AS-BUILT PLAN
 WATER RETICULATION**

By	Date	Scale	Job No.	Rev
Surveyed:		1:100@A3	Drawing No.	
Designed:			445-01-ABWS-600	
Drawn: DJS	03/05/21			
Approved:				
CAD FILE				



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- i) The Coordinates (X, Y) are in terms of NZTM on NZGD (2000), and are within $\pm 50\text{mm}$.
- ii) The Levels (Z) are in terms of Auckland 1946 (MSL) LINZ datum (DOSLI datum), and are within $\pm 10\text{mm}$.

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Date:

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FOR NOTES & LEGEND REFER TO DRAWING 445-01-ABWS-600.

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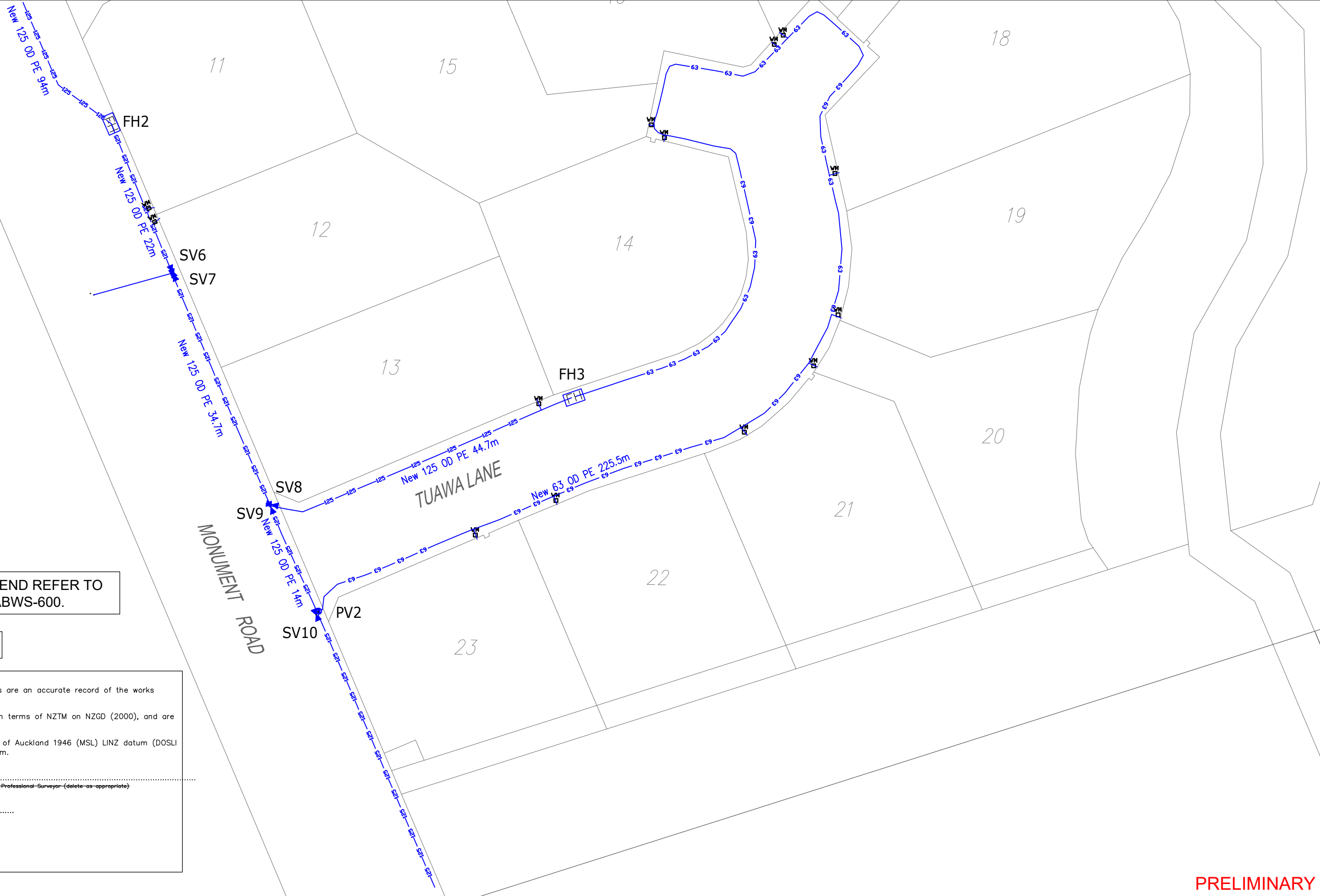
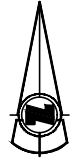
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Job Title
**108 MONUMENT ROAD
 CLEVEDON**

Drawing Title
**AS-BUILT PLAN
 WATER RETICULATION**

By	Date	Scale	Job No.	Rev
Surveyed:			Drawing No.	
Designed:		1:500@A3	445-01-ABWS-601	
Drawn: DJS	03/05/21			
Approved:				
CAD FILE				



FOR NOTES & LEGEND REFER TO DRAWING 445-01-ABWS-600.

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Job Title

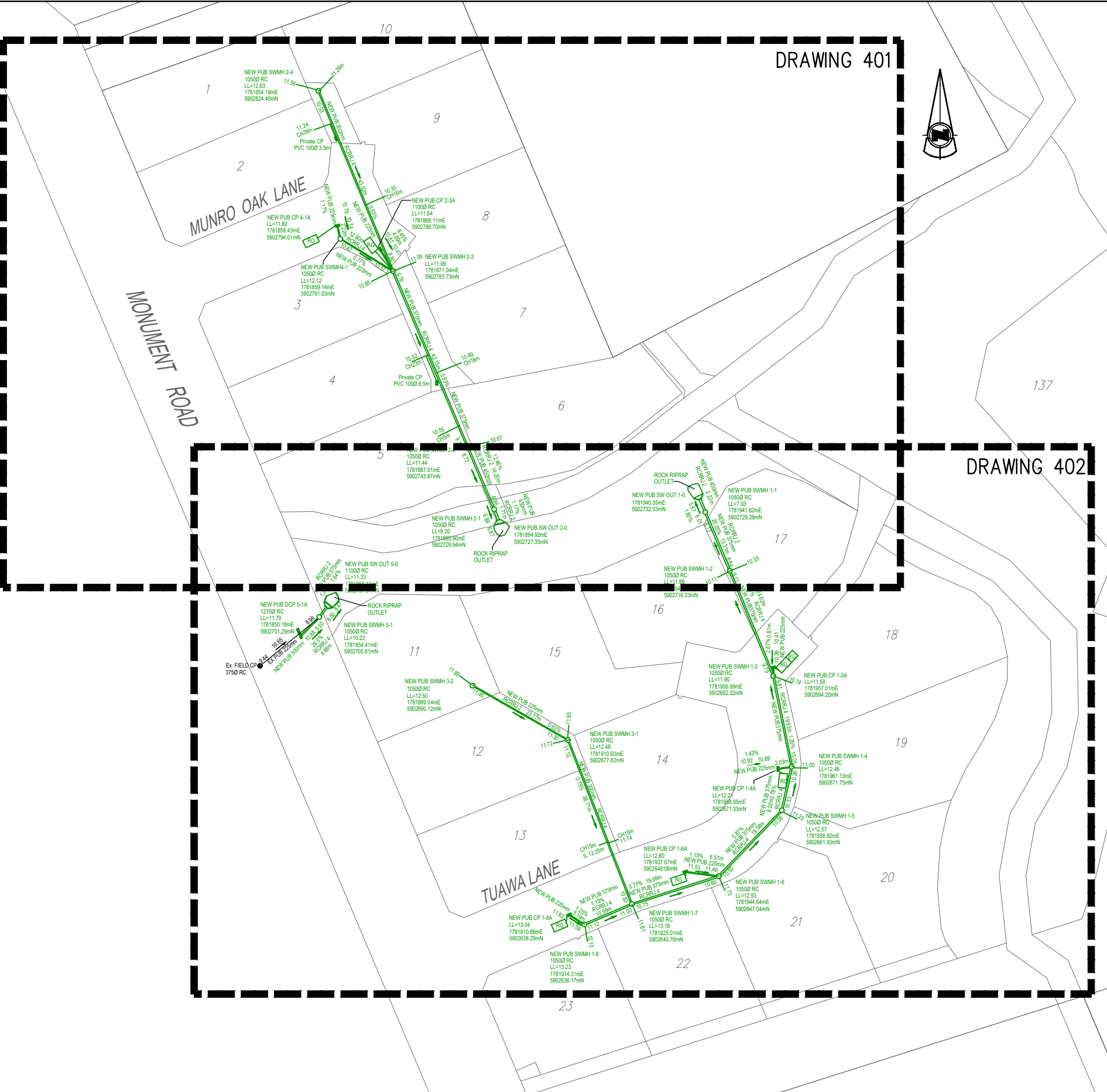
**108 MONUMENT ROAD
CLEVEDON**

Drawing Title

**AS-BUILT PLAN
WATER RETICULATION**

By	Date	Scale	Job No.	Rev
Surveyed:		1:500@A3	Drawing No.	
Designed:			445-01-ABWS-602	
Drawn: DJS	03/05/21			
Approved:				
CAD FILE				

DRAWING 401



I certify that these Asbuilt Plans are an accurate record of the works undertaken and that:

- The Coordinates (X, Y) are in terms of NZTM on NZGD (2000), and are within +50mm.
- The Levels (Z) are in terms of Auckland 1946 (MSL) LINZ datum (DOSLI datum), and are within +- 10mm.

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Date:

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DRAWING 402

LEGEND

- STORMWATER LINE
- NEW SW MANHOLE
- EXISTING STORMWATER LINE
- 100mmØ LOT CONNECTION (ALL LOTS)
- CESSPIT + LEAD (SINGLE = 225mmØ) (DOUBLE = 300mmØ) (ALL RCRRJ CLASS 4)
- RAINGARDEN

Note:
 2. Invert levels for lot connections are based upon as-built survey data specific to individual laterals, taken at the end cap.

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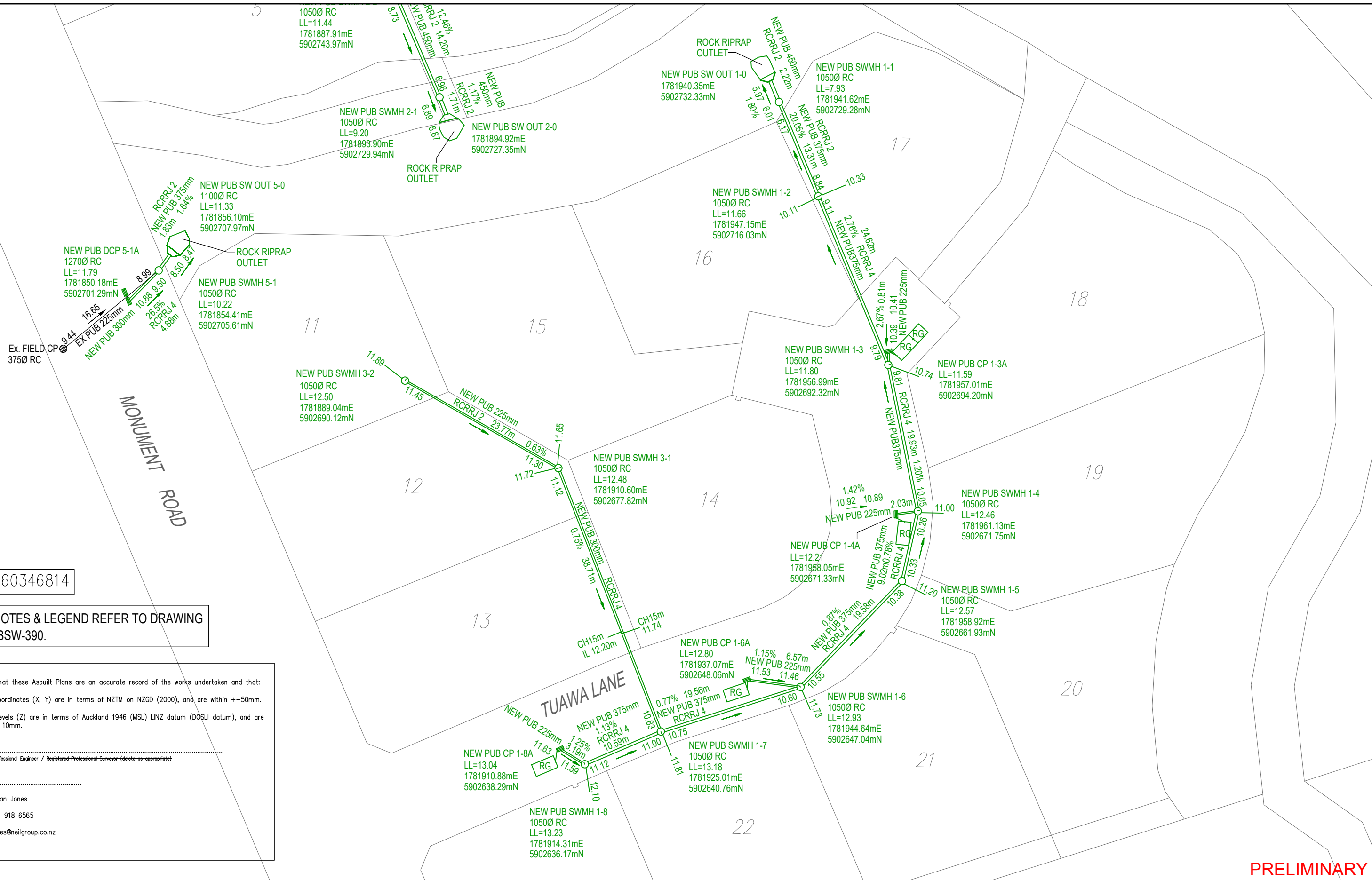
THE NEIL GROUP LIMITED
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 8 NUGENT STREET
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Job Title
**108 MONUMENT ROAD
 CLEVEDON**

Drawing Title
**AS-BUILT PLAN
 STORMWATER DRAINAGE**

By	Date	Scale	Job No.	Rev
Surveyed:		1:100@A3	445-01-ABSW-400	A
Designed:				
Drawn: DJS	19/04/21			
Approved:				
CAD FILE F:\PROJECTS\MONUMENT RD\DWG\445-01-AB-300-3450.dwg				



ENG 60346814

FOR NOTES & LEGEND REFER TO DRAWING 445-ABSW-390.

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PRELIMINARY

Rev	Description	By	Date
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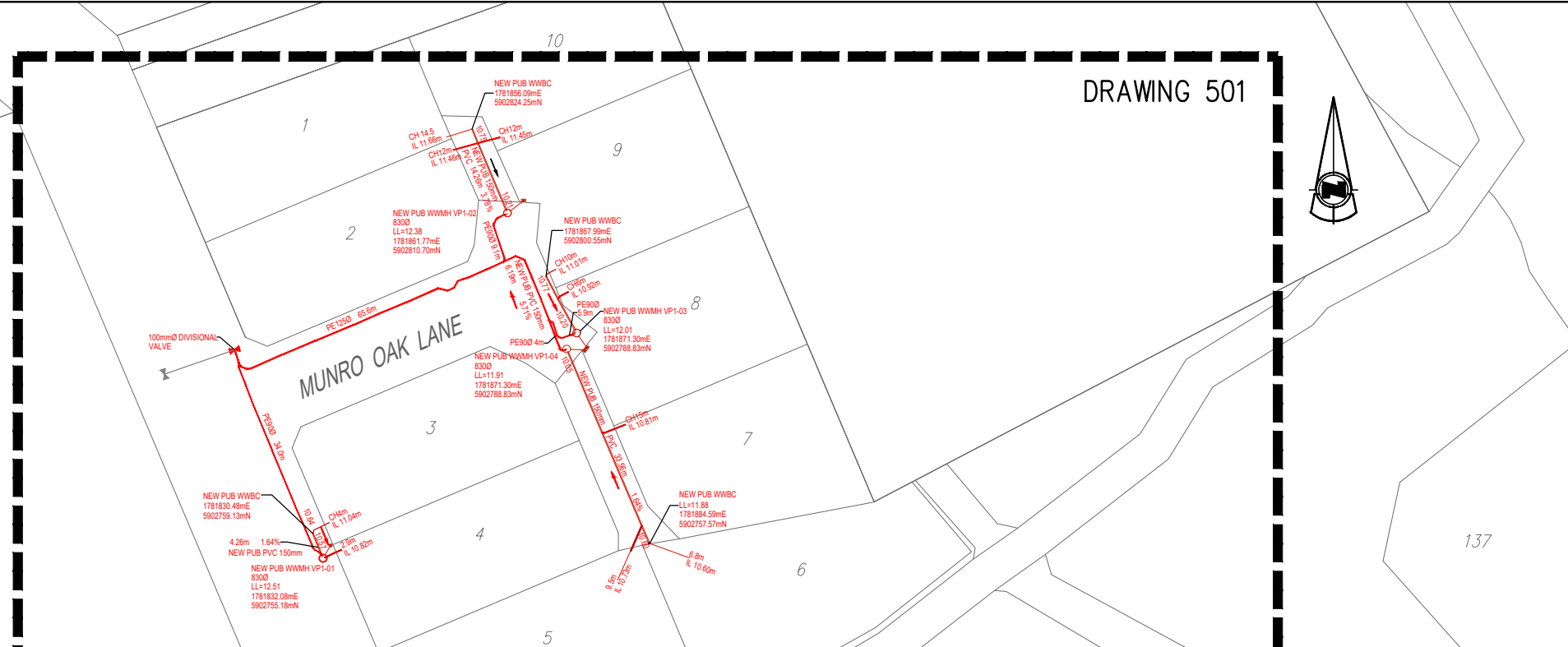
Job Title
**108 MONUMENT ROAD
CLEVEDON**

Drawing Title
**AS-BUILT PLAN
STORMWATER DRAINAGE**

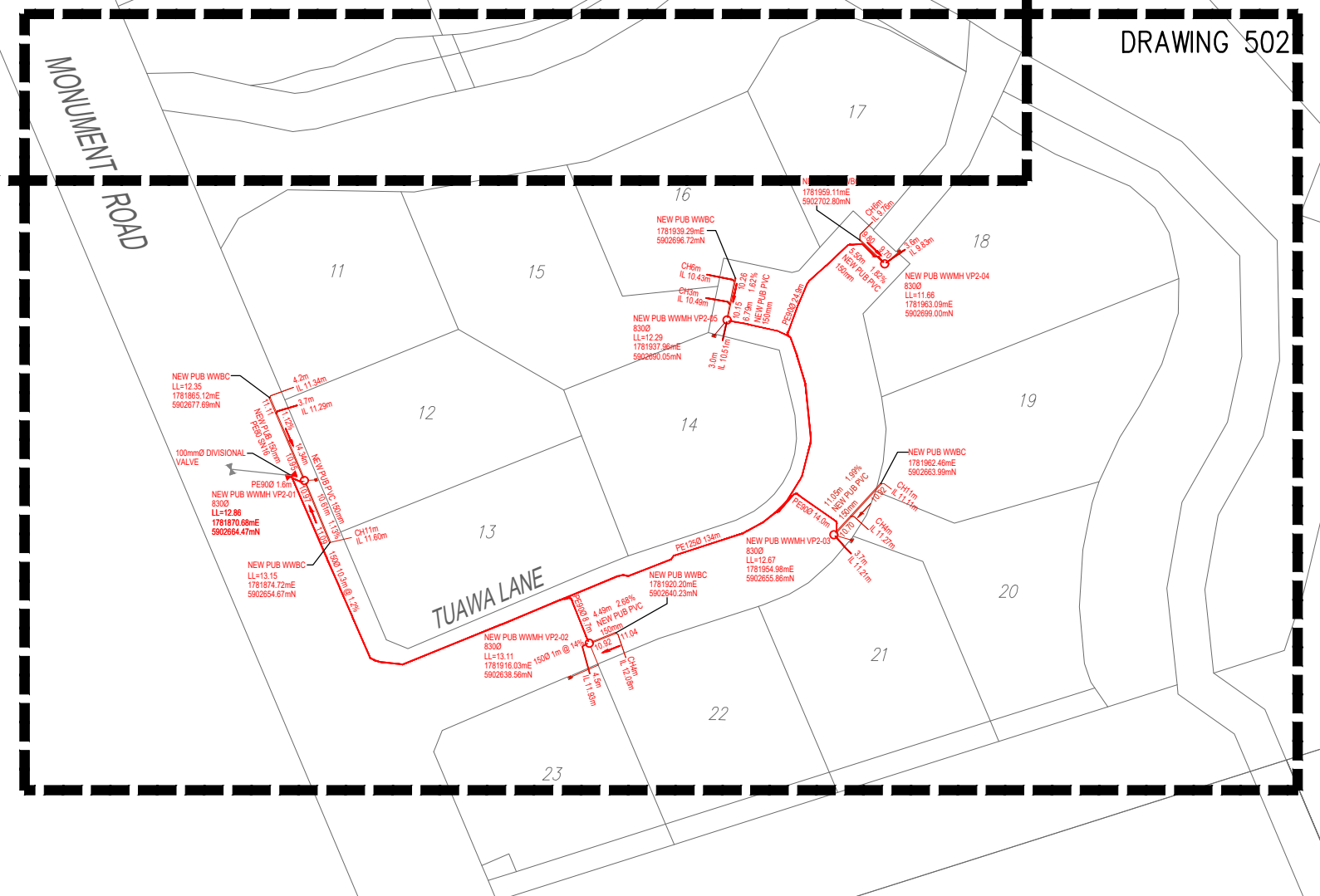
By	Date	Scale	Job No.	Rev
Surveyed:		1:500@A3	445-01-ABSW-402	A
Designed:				
Drawn: DJS	19/04/21			
Approved:				

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DRAWING 501



DRAWING 502



I certify that these Asbuilt Plans are an accurate record of the works undertaken and that:

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Chartered Professional Engineer / Registered Professional Surveyor (delete as appropriate)

Date:

Name: Brian Jones

Phone: 09 918 6565

Email: bjones@neilgroup.co.nz

Note:
2. Invert levels for lot connections are based upon as-built survey data specific to individual laterals, taken at the end cap.

LEGEND

- WASTEWATER VACUUM LINE
- WASTEWATER GRAVITY LINE
- NEW WW MANHOLE
- EXISTING WASTEWATER LINE
- VACUUM WASTEWATER VENTS

Note:
Invert levels for lot connections are based upon as-built survey data specific to individual laterals, taken at the end cap.

ENG 60346814

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Rev	Description	By	Date
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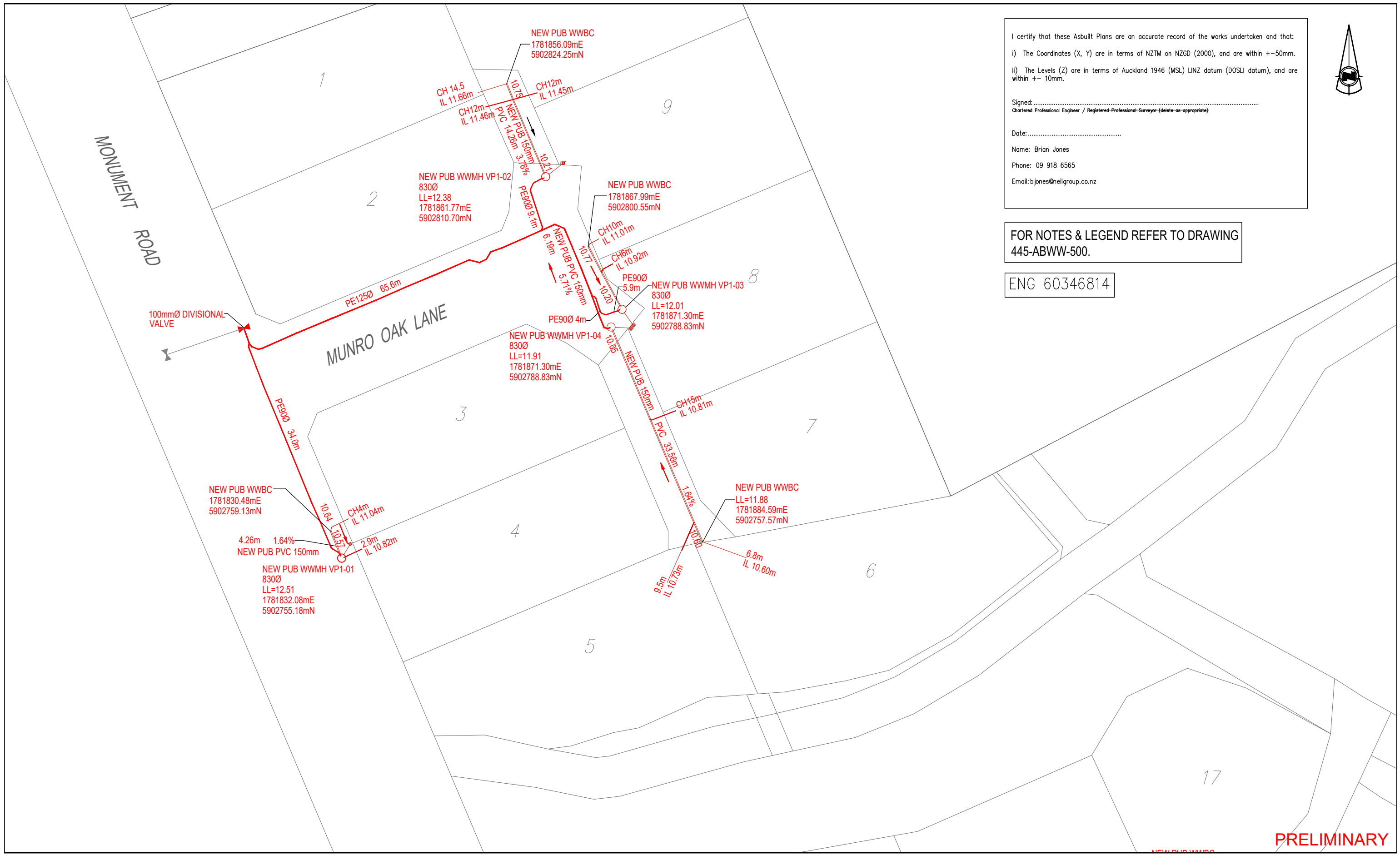
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8 NUGENT STREET
GRAFTON

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WEB: www.neilgroup.co.nz

Job Title
**108 MONUMENT ROAD
CLEVEDON**

Drawing Title
**AS-BUILT PLAN
WASTEWATER DRAINAGE**

By	Date	Scale	Job No.	Rev
Surveyed:				
Designed:		1:100@A3	Drawing No.	
Drawn: DJS	19/04/21		445-01-ABWW-500	A
Approved:				
CAD FILE	F:\PROJECTS\MONUMENT RD\DWG_Asbuilts\WW AB DS.dwg			



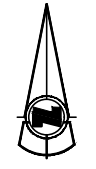
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FOR NOTES & LEGEND REFER TO DRAWING 445-ABWW-500.

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Job Title
**108 MONUMENT ROAD
 CLEVEDON**

Drawing Title
**AS-BUILT PLAN
 WASTEWATER DRAINAGE**

By	Date	Scale	Job No.	Rev
DJS	19/04/21	1:500@A3	445-01-ABWW-501	A

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445-ABWW-500.

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MONUMENT ROAD

TUAWA LANE

NEW PUB WWBC
LL=12.35
1781865.12mE
5902677.69mN

NEW PUB WWMH VP2-01
830Ø
LL=12.86
1781870.68mE
5902664.47mN

NEW PUB WWBC
LL=13.15
1781874.72mE
5902654.67mN

NEW PUB WWBC
1781939.29mE
5902696.72mN

NEW PUB WWMH VP2-05
830Ø
LL=12.29
1781937.96mE
5902690.05mN

NEW PUB WWBC
1781959.11mE
5902702.80mN

NEW PUB WWMH VP2-04
830Ø
LL=11.66
1781963.09mE
5902699.00mN

NEW PUB WWBC
1781962.46mE
5902663.99mN

NEW PUB WWMH VP2-03
830Ø
LL=12.67
1781954.98mE
5902655.86mN

NEW PUB WWBC
1781920.20mE
5902640.23mN

NEW PUB WWMH VP2-02
830Ø
LL=13.11
1781916.03mE
5902638.56mN

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Job Title
**108 MONUMENT ROAD
CLEVEDON**

Drawing Title
**AS-BUILT PLAN
WASTEWATER DRAINAGE**

By	Date	Scale	Job No.	Rev
DJS	19/04/21	1:500@A3	445-01-ABWW-502	A

CAD FILE F:\PROJECTS\MONUMENT RD\DWG_Asbuilts\WW AB DS.dwg

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