



MILLARD AVENUE

LOT 3  
DP 29080

LOT 2  
DP 57194

LOT 1  
DP 67088

SECTION 106  
MANAIA DIST



**LEGEND:**

- PROPOSED SINGLE DWELLING LOT
- PROPOSED DUPLEX LOT
- PROPOSED PARK/OPEN SPACE
- PROPOSED DRAINAGE RESERVE
- PROPOSED JOINT OWNED ACCESS LOT
- PROPOSED SEALED ROAD
- PROPOSED BERM/LANDSCAPED AREA
- PROPOSED CONCRETE PATH
- PROPOSED CARPARKING

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**REVISIONS:**

REV	NOTES	BY	DATE
P1	PRELIMINARY	JMW	07-02-23

**PROJECT:**  
DMST INTERNATIONAL LTD  
42-64 MILLARD AVENUE  
MASTERTON

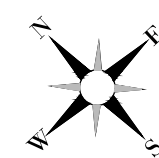
**TITLE:**

PROPOSED CONCEPT PLAN



DESIGNED: JMW	DRAWN: MJP
CHECKED: AMB	PLOT DATE: 07-02-2023
SCALE A1: 1:750	SCALE A3: 1:1500
STATUS: PRELIMINARY	
PROJECT No: <b>1530-02</b>	DRAWING No: <b>SK100</b>
	REVISION: <b>P1</b>

DRAFT PLAN ONLY



MILLARD AVENUE

SEE SHEET  
1530-02-401

SEE SHEET  
1530-02-402

SEE SHEET  
1530-02-403

SEE SHEET  
1530-02-404

SEE SHEET  
1530-02-405

SEE SHEET  
1530-02-406

NOTES:

1. ALL WORKS TO BE IN ACCORDANCE WITH MASTERTON DISTRICT COUNCIL CODE OF PRACTICE.
2. THE SIZING OF ALL NEW STORMWATER & WASTEWATER INFRASTRUCTURE WILL BE CONFIRMED AT DETAILED DESIGN STAGE.
3. ALL STORMWATER PIPES TO BE RCRRJ CLASS 4 UNLESS OTHERWISE STATED.
4. ALL WASTEWATER PIPES TO BE PVC-U SNI6.
5. ALL WASTEWATER LATERALS TO BE DNI00. CONNECTIONS TO WASTEWATER MAINS TO BE VIA A PROPRIETARY "Y" JUNCTION, NO SADDLES ON WASTEWATER ARE PERMITTED.
6. ALL STORMWATER LATERALS TO BE DNI00 PVC-U SNI6. CONNECTIONS TO STORMWATER MAINS TO BE VIA A PROPRIETARY FACTORY MADE SADDLE.

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REVISIONS:

REV	NOTES	BY	DATE
P1	FOR FAST TRACK REFERRAL	JMW	16/02/2023

PROJECT:

DMST INTERNATIONAL LTD  
42-64 MILLARD AVENUE  
MASTERTON

TITLE:

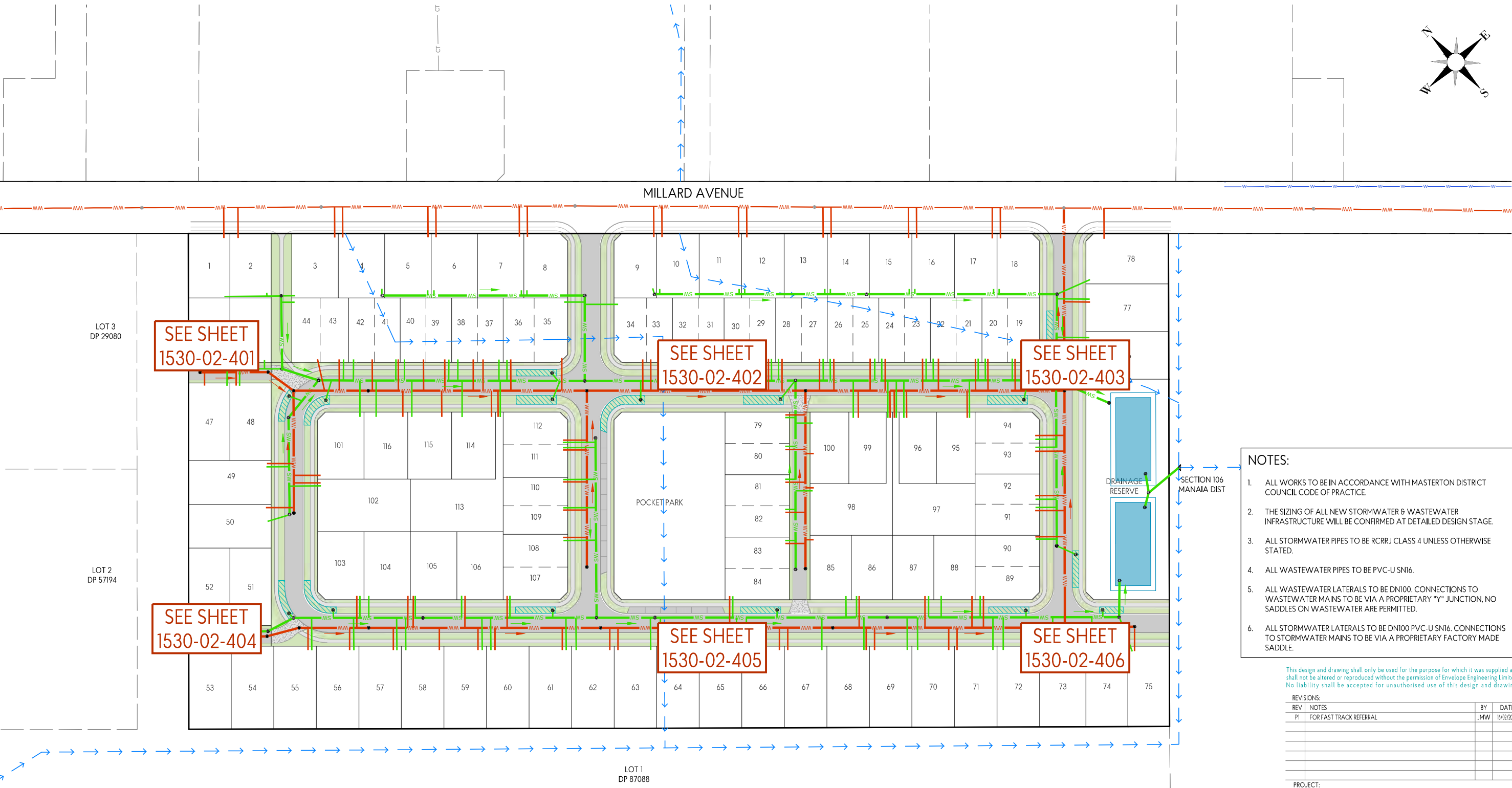
PROPOSED DRAINAGE  
LAYOUT PLAN  
OVERALL PLAN

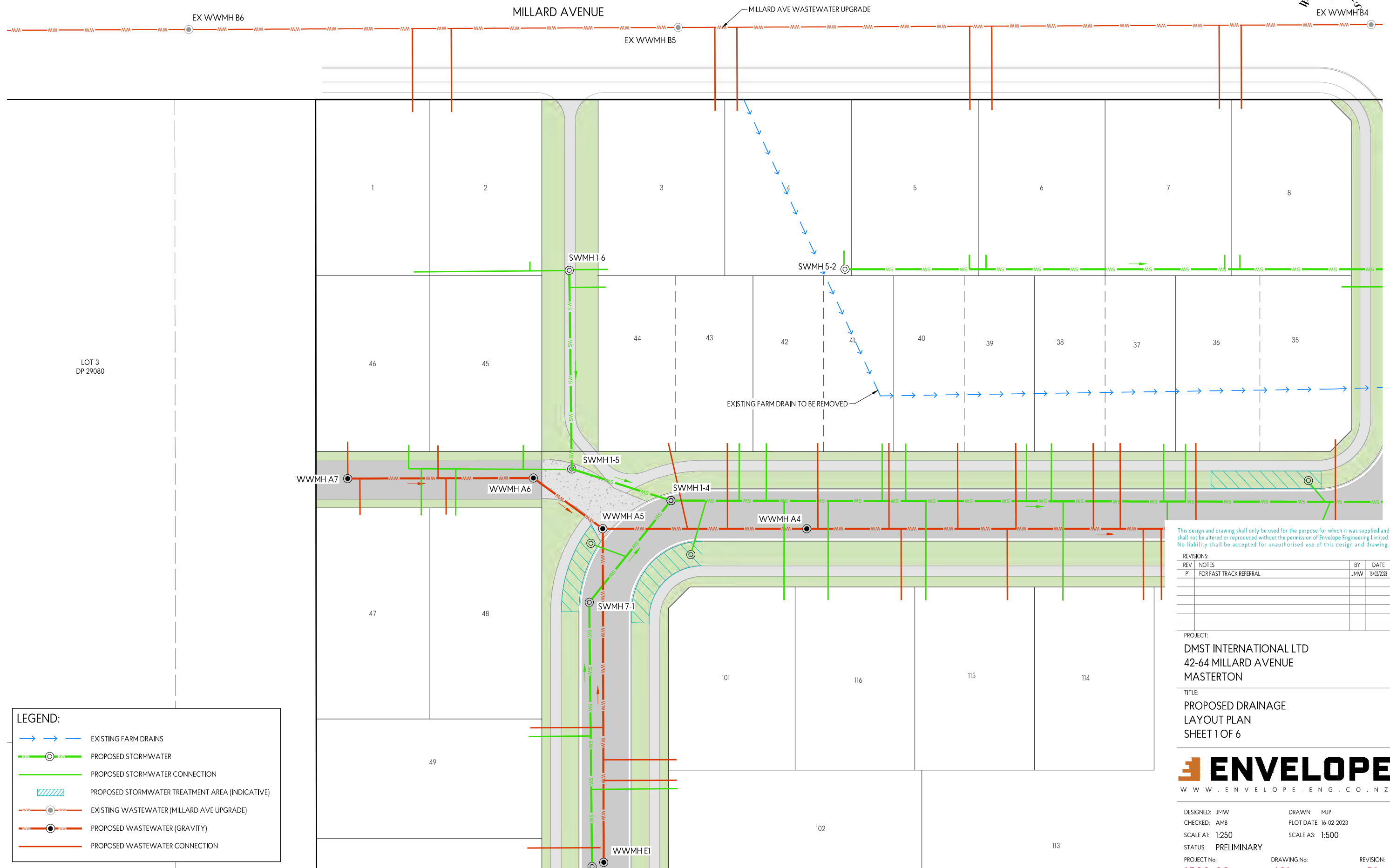
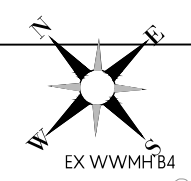


DESIGNED: JMW      DRAWN: MJP  
 CHECKED: AMB      PLOT DATE: 16-02-2023  
 SCALE A1: 1:750      SCALE A3: 1:1500  
 STATUS: PRELIMINARY  
 PROJECT No: 1530-02      DRAWING No: 400      REVISION: P1

**LEGEND:**

- EXISTING FARM DRAINS
- PROPOSED STORMWATER
- PROPOSED STORMWATER CONNECTION
- PROPOSED STORMWATER TREATMENT AREA (INDICATIVE)
- EXISTING WASTEWATER (MILLARD AVE UPGRADE)
- PROPOSED WASTEWATER (GRAVITY)
- PROPOSED WASTEWATER CONNECTION





LOT 3  
DP 29080

MILLARD AVENUE

MILLARD AVE WASTEWATER UPGRADE

EX WWMH B6

EX WWMH B5

EX WWMH B4

SWMH 1-6

SWMH 5-2

EXISTING FARM DRAIN TO BE REMOVED

WWMH A7

WWMH A6

WWMH A5

WWMH A4

SWMH 7-1

WWMH E1

**LEGEND:**

- → → EXISTING FARM DRAINS
- PROPOSED STORMWATER
- PROPOSED STORMWATER CONNECTION
- PROPOSED STORMWATER TREATMENT AREA (INDICATIVE)
- EXISTING WASTEWATER (MILLARD AVE UPGRADE)
- PROPOSED WASTEWATER (GRAVITY)
- PROPOSED WASTEWATER CONNECTION

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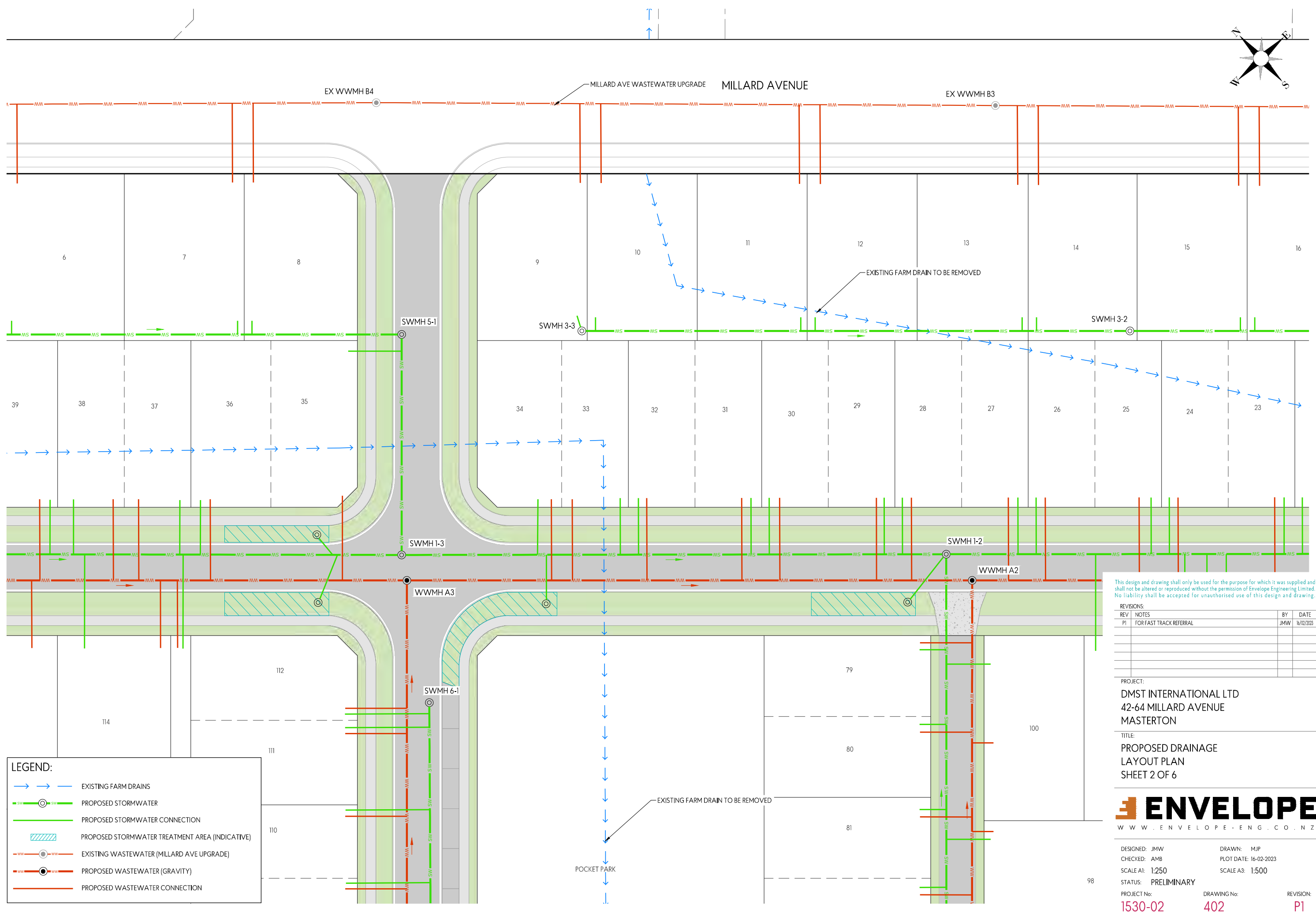
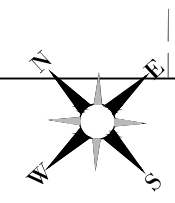
REVISIONS:			
REV	NOTES	BY	DATE
P1	FOR FAST TRACK REFERRAL	JMW	16/02/2023

PROJECT:  
DMST INTERNATIONAL LTD  
42-64 MILLARD AVENUE  
MASTERTON

TITLE:  
PROPOSED DRAINAGE  
LAYOUT PLAN  
SHEET 1 OF 6



DESIGNED: JMW	DRAWN: MJP
CHECKED: AMB	PLOT DATE: 16-02-2023
SCALE A1: 1:250	SCALE A3: 1:500
STATUS: PRELIMINARY	
PROJECT No: 1530-02	DRAWING No: 401
	REVISION: P1



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REV	NOTES	BY	DATE
P1	FOR FAST TRACK REFERRAL	JMW	16/02/2023

PROJECT:  
**DMST INTERNATIONAL LTD**  
 42-64 MILLARD AVENUE  
 MASTERTON

TITLE:  
**PROPOSED DRAINAGE LAYOUT PLAN**  
 SHEET 2 OF 6

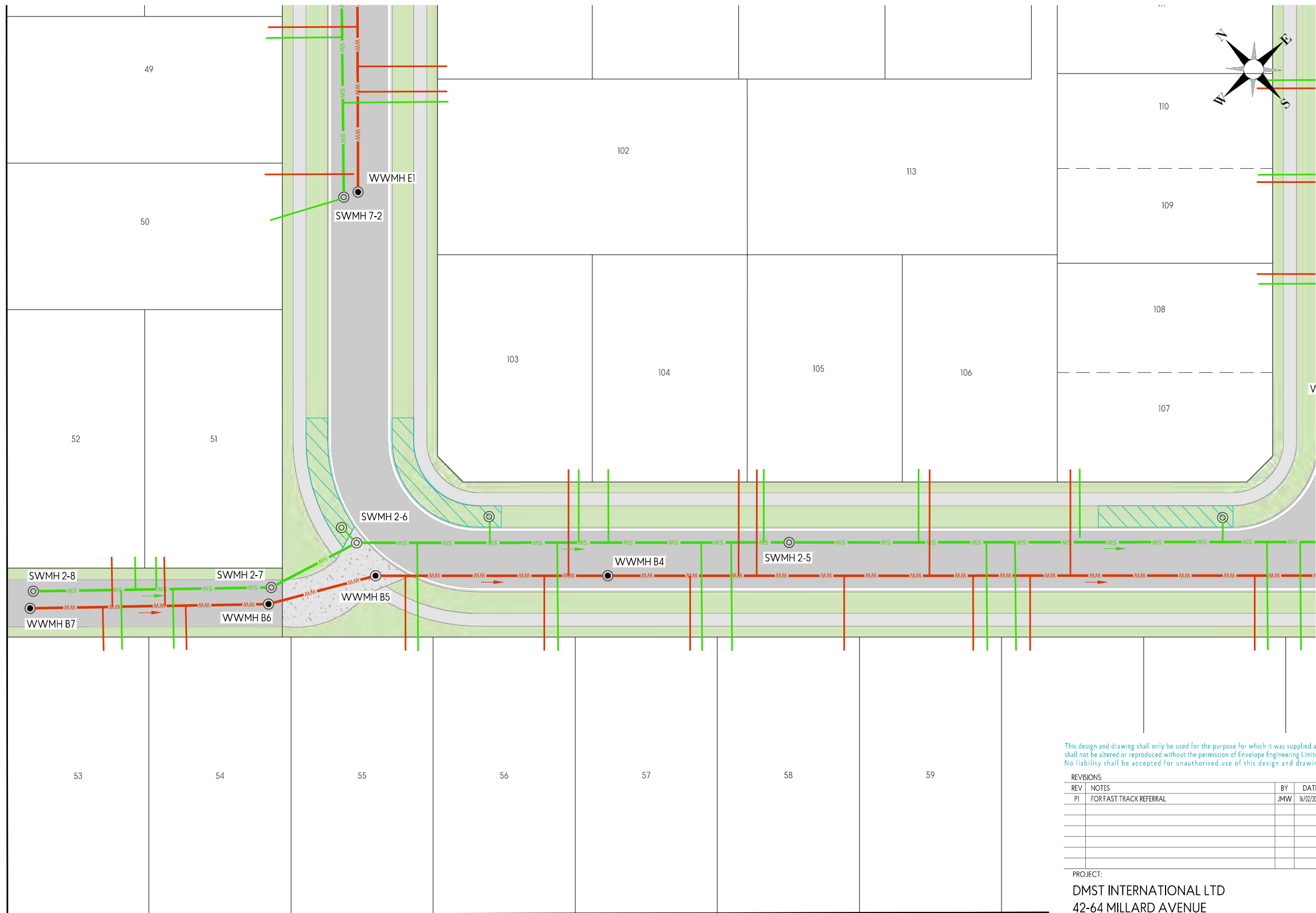
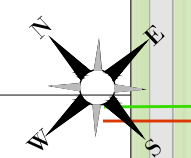


DESIGNED: JMW	DRAWN: MJP
CHECKED: AMB	PLOT DATE: 16-02-2023
SCALE A1: 1:250	SCALE A3: 1:500
STATUS: PRELIMINARY	
PROJECT No: <b>1530-02</b>	DRAWING No: <b>402</b>
	REVISION: <b>P1</b>

**LEGEND:**

	EXISTING FARM DRAINS
	PROPOSED STORMWATER
	PROPOSED STORMWATER CONNECTION
	PROPOSED STORMWATER TREATMENT AREA (INDICATIVE)
	EXISTING WASTEWATER (MILLARD AVE UPGRADE)
	PROPOSED WASTEWATER (GRAVITY)
	PROPOSED WASTEWATER CONNECTION





LOT 2  
DP 57194

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REVISIONS:			
REV	NOTES	BY	DATE
P1	FOR FAST TRACK REFERRAL	JMW	16/02/2023

PROJECT:  
DMST INTERNATIONAL LTD  
42-64 MILLARD AVENUE  
MASTERTON

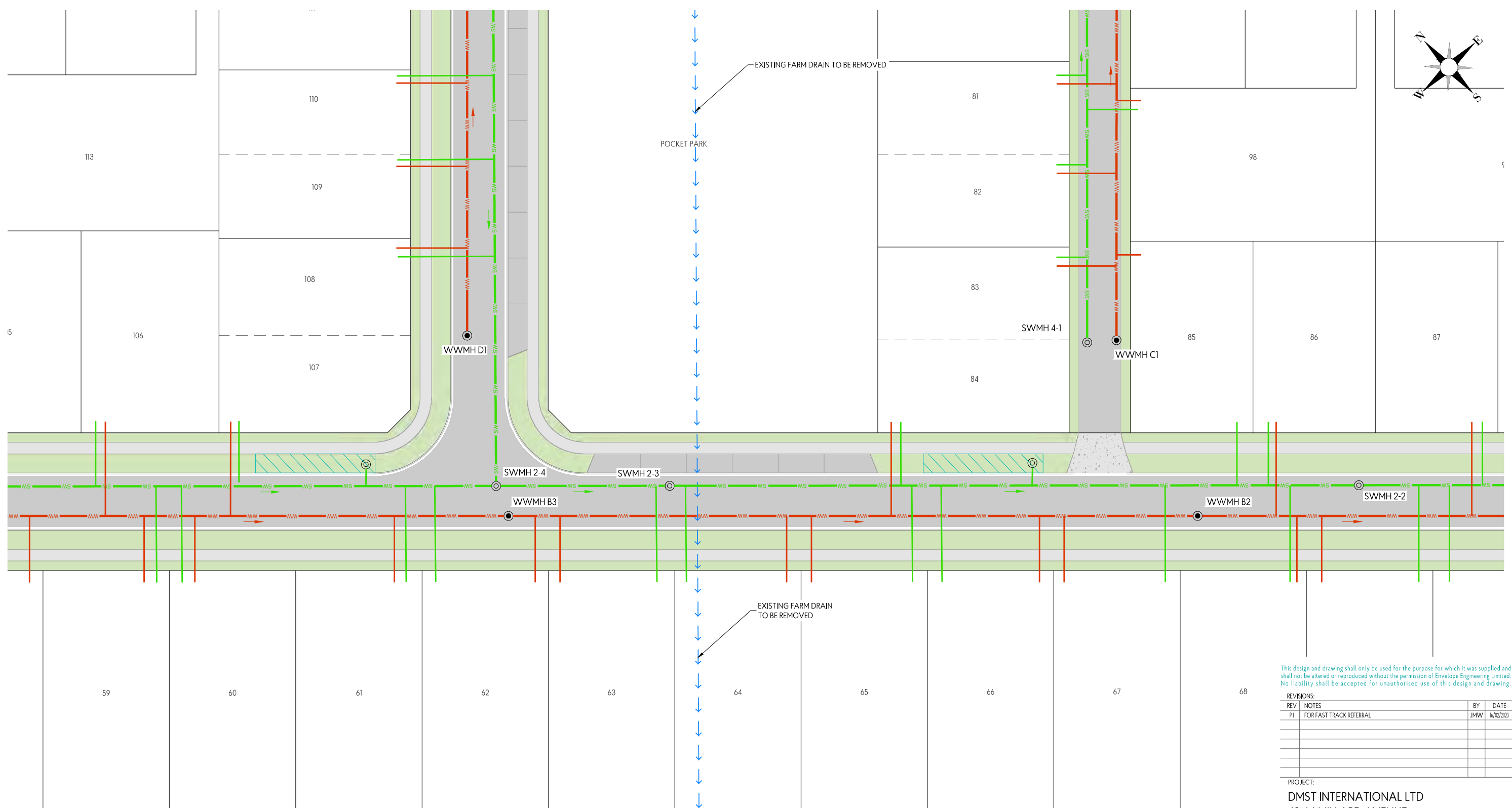
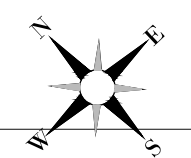
TITLE:  
PROPOSED DRAINAGE  
LAYOUT PLAN  
SHEET 4 OF 6



DESIGNED: JMW      DRAWN: MJP  
 CHECKED: AMB      PLOT DATE: 16-02-2023  
 SCALE A1: 1:250      SCALE A3: 1:500  
 STATUS: PRELIMINARY  
 PROJECT No: 1530-02      DRAWING No: 404      REVISION: P1

**LEGEND:**

- EXISTING FARM DRAINS
- PROPOSED STORMWATER
- PROPOSED STORMWATER CONNECTION
- PROPOSED STORMWATER TREATMENT AREA (INDICATIVE)
- EXISTING WASTEWATER (MILLARD AVE UPGRADE)
- PROPOSED WASTEWATER (GRAVITY)
- PROPOSED WASTEWATER CONNECTION



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REV	NOTES	BY	DATE
P1	FOR FAST TRACK REFERRAL	JMW	16/02/2023

PROJECT:  
 DMST INTERNATIONAL LTD  
 42-64 MILLARD AVENUE  
 MASTERTON

TITLE:  
 PROPOSED DRAINAGE  
 LAYOUT PLAN  
 SHEET 5 OF 6

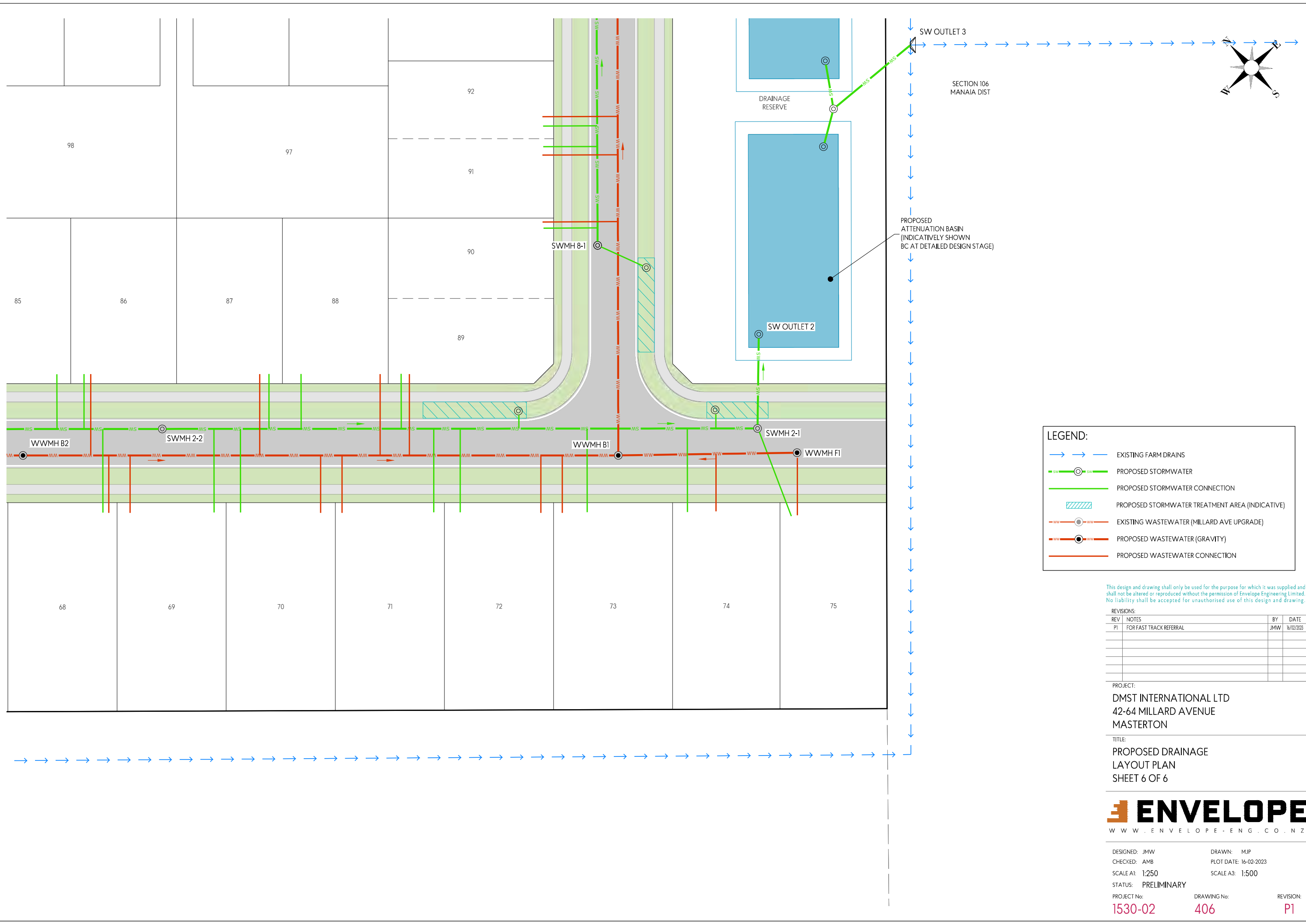


DESIGNED: JMW      DRAWN: MJP  
 CHECKED: AMB      PLOT DATE: 16-02-2023  
 SCALE A1: 1:250      SCALE A3: 1:500  
 STATUS: PRELIMINARY  
 PROJECT No: 1530-02      DRAWING No: 405      REVISION: P1

**LEGEND:**

- EXISTING FARM DRAINS
- PROPOSED STORMWATER
- PROPOSED STORMWATER CONNECTION
- PROPOSED STORMWATER TREATMENT AREA (INDICATIVE)
- EXISTING WASTEWATER (MILLARD AVE UPGRADE)
- PROPOSED WASTEWATER (GRAVITY)
- PROPOSED WASTEWATER CONNECTION

LOT 1  
 DP 87088



**LEGEND:**

- EXISTING FARM DRAINS
- PROPOSED STORMWATER
- PROPOSED STORMWATER CONNECTION
- PROPOSED STORMWATER TREATMENT AREA (INDICATIVE)
- EXISTING WASTEWATER (MILLARD AVE UPGRADE)
- PROPOSED WASTEWATER (GRAVITY)
- PROPOSED WASTEWATER CONNECTION

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REVISIONS:

REV	NOTES	BY	DATE
P1	FOR FAST TRACK REFERRAL	JMW	16/02/2023

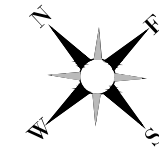
PROJECT:  
 DMST INTERNATIONAL LTD  
 42-64 MILLARD AVENUE  
 MASTERTON

TITLE:  
 PROPOSED DRAINAGE  
 LAYOUT PLAN  
 SHEET 6 OF 6



DESIGNED: JMW      DRAWN: MJP  
 CHECKED: AMB      PLOT DATE: 16-02-2023  
 SCALE A1: 1:250      SCALE A3: 1:500  
 STATUS: PRELIMINARY

PROJECT No: **1530-02**      DRAWING No: **406**      REVISION: **P1**



MILLARD AVENUE

SEE SHEET  
1530-02-507

SEE SHEET  
1530-02-501

SEE SHEET  
1530-02-502

SEE SHEET  
1530-02-503

SEE SHEET  
1530-02-504

SEE SHEET  
1530-02-505

SEE SHEET  
1530-02-506

LOT 3  
DP 29080

LOT 2  
DP 57194

LOT 1  
DP 87088

SECTION 106  
MANAIA DIST

DRAINAGE  
RESERVE

POCKET PARK

**LEGEND**

- W — EXISTING WATERMAIN
- W — PROPOSED WATERMAIN - DN 100 (TBC)
- RM — PROPOSED RIDERMAIN - DN 50 (TBC)
- C — PROPOSED CONNECTION - DN 25
- BC BLANK CAP
- FH FIRE HYDRANT
- SV SLUICE VALVE
- PV PEET VALVE

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REVISIONS:			
REV	NOTES	BY	DATE
P1	FOR FAST TRACK REFERRAL	JMW	16/02/2023

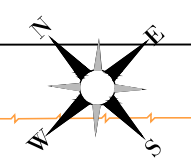
PROJECT:  
DMST INTERNATIONAL LTD  
42-64 MILLARD AVENUE  
MASTERTON

TITLE:

PROPOSED WATER SUPPLY  
OVERALL PLAN

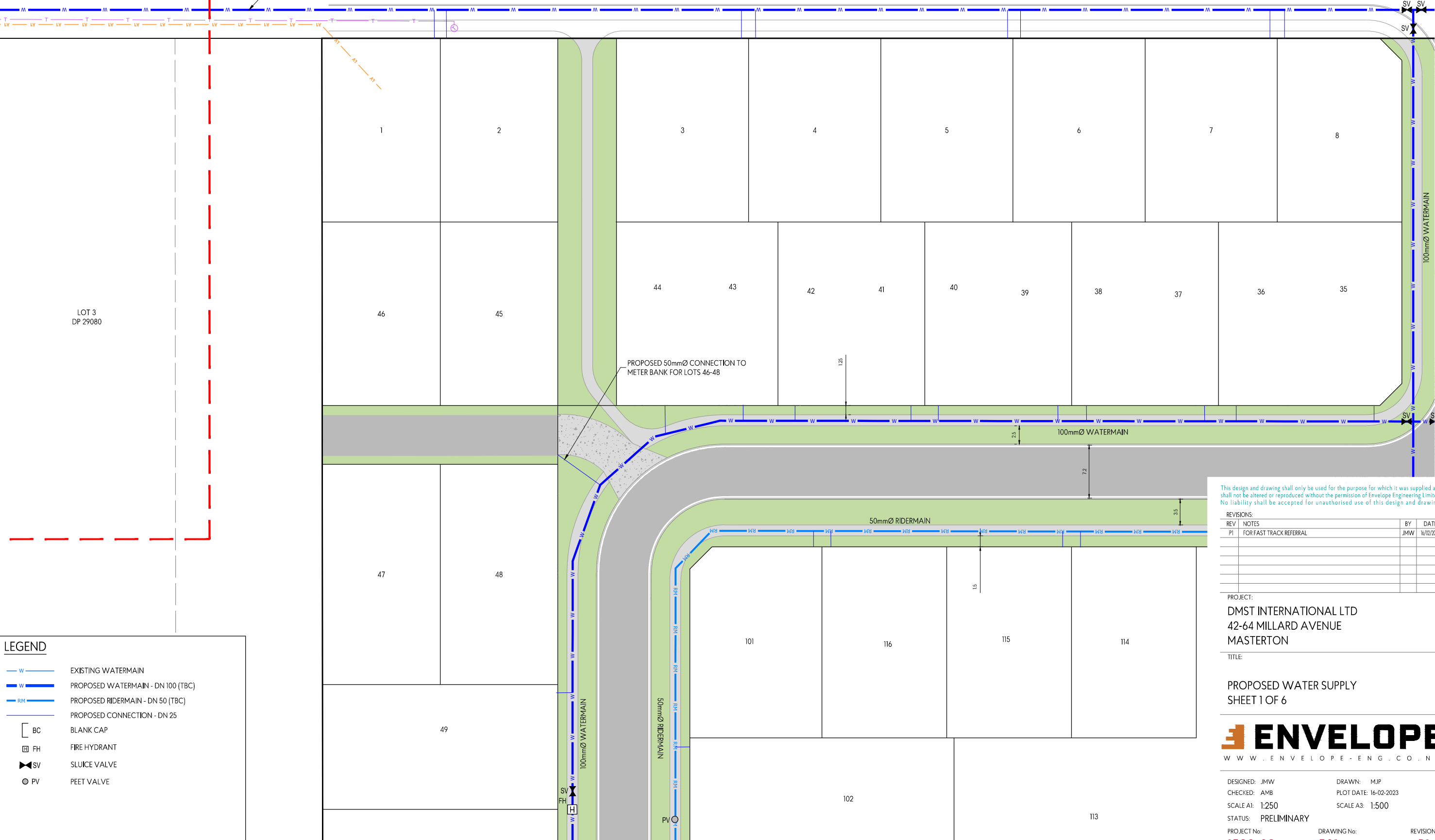


DESIGNED: JMW      DRAWN: MJP  
 CHECKED: AMB      PLOT DATE: 16-02-2023  
 SCALE A1: 1:750      SCALE A3: 1:1500  
 STATUS: PRELIMINARY  
 PROJECT No: **1530-02**      DRAWING No: **500**      REVISION: **P1**



MILLARD AVENUE

PROPOSED WATERMAIN UPGRADE AND EXTENSION FROM 36 MILLARD AVE. REFER TO 1530-02-507 FOR CONNECTION POINT



LOT 3  
DP 29080

PROPOSED 50mmØ CONNECTION TO METER BANK FOR LOTS 46-48

100mmØ WATERMAIN

50mmØ RIDERMAIN

100mmØ WATERMAIN

50mmØ RIDERMAIN

**LEGEND**

	EXISTING WATERMAIN
	PROPOSED WATERMAIN - DN 100 (TBC)
	PROPOSED RIDERMAIN - DN 50 (TBC)
	PROPOSED CONNECTION - DN 25
	BLANK CAP
	FIRE HYDRANT
	SLUICE VALVE
	PEET VALVE

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REVISIONS:

REV	NOTES	BY	DATE
P1	FOR FAST TRACK REFERRAL	JMW	16/02/2023

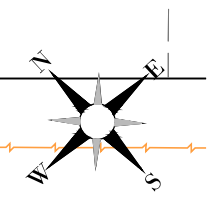
PROJECT:  
DMST INTERNATIONAL LTD  
42-64 MILLARD AVENUE  
MASTERTON

TITLE:

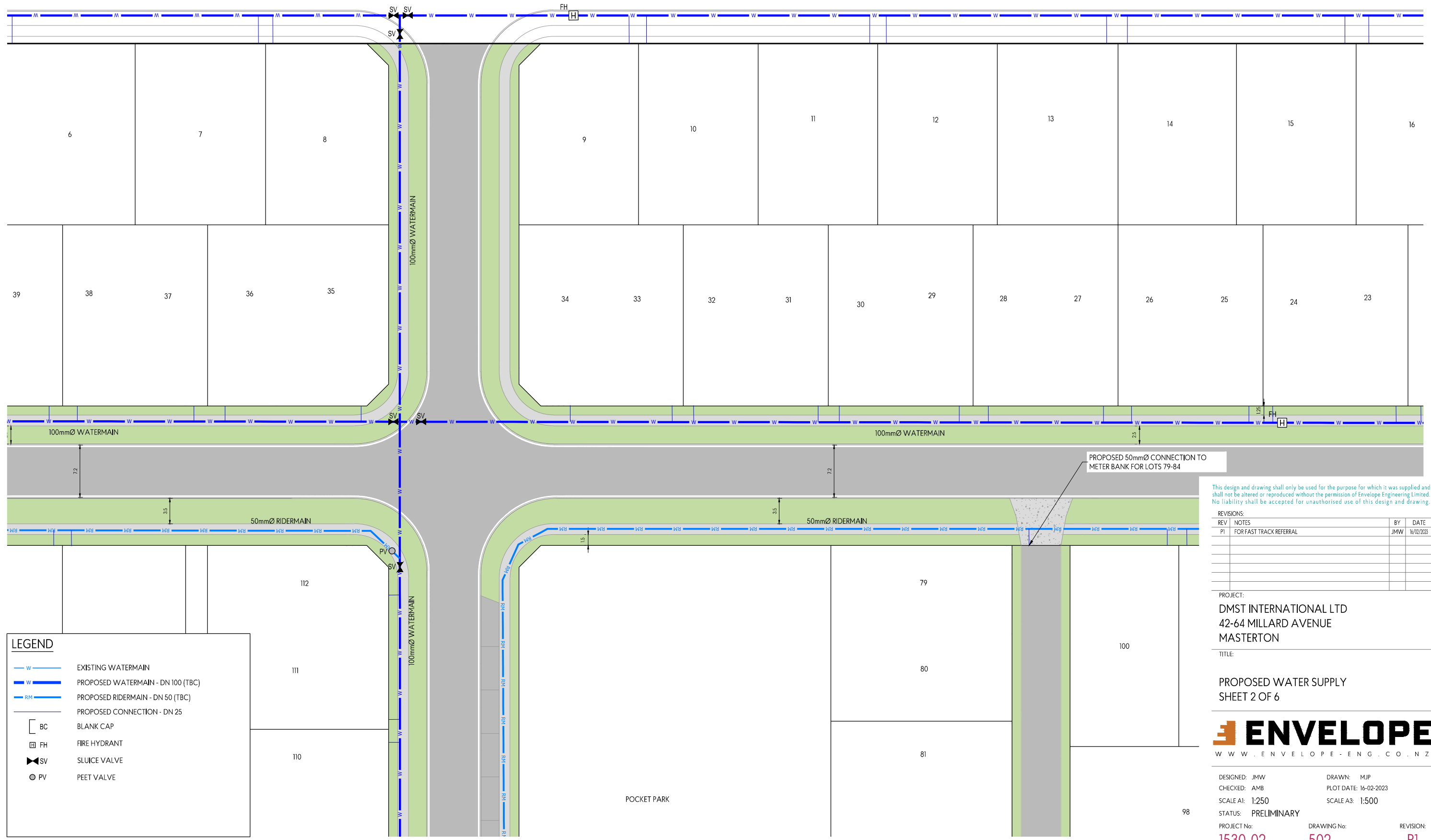
PROPOSED WATER SUPPLY  
SHEET 1 OF 6



DESIGNED: JMW	DRAWN: MJP
CHECKED: AMB	PLOT DATE: 16-02-2023
SCALE A1: 1:250	SCALE A3: 1:500
STATUS: PRELIMINARY	
PROJECT No: 1530-02	DRAWING No: 501
	REVISION: P1



MILLARD AVENUE



**LEGEND**

- W — EXISTING WATERMAIN
- W — PROPOSED WATERMAIN - DN 100 (TBC)
- RM — PROPOSED RIDERMAIN - DN 50 (TBC)
- — PROPOSED CONNECTION - DN 25
- BC BLANK CAP
- FH FIRE HYDRANT
- ⋈ SV SLUICE VALVE
- PV PEET VALVE

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REVISIONS:

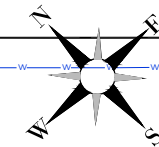
REV	NOTES	BY	DATE
P1	FOR FAST TRACK REFERRAL	JMW	16/02/2023

PROJECT:  
 DMST INTERNATIONAL LTD  
 42-64 MILLARD AVENUE  
 MASTERTON

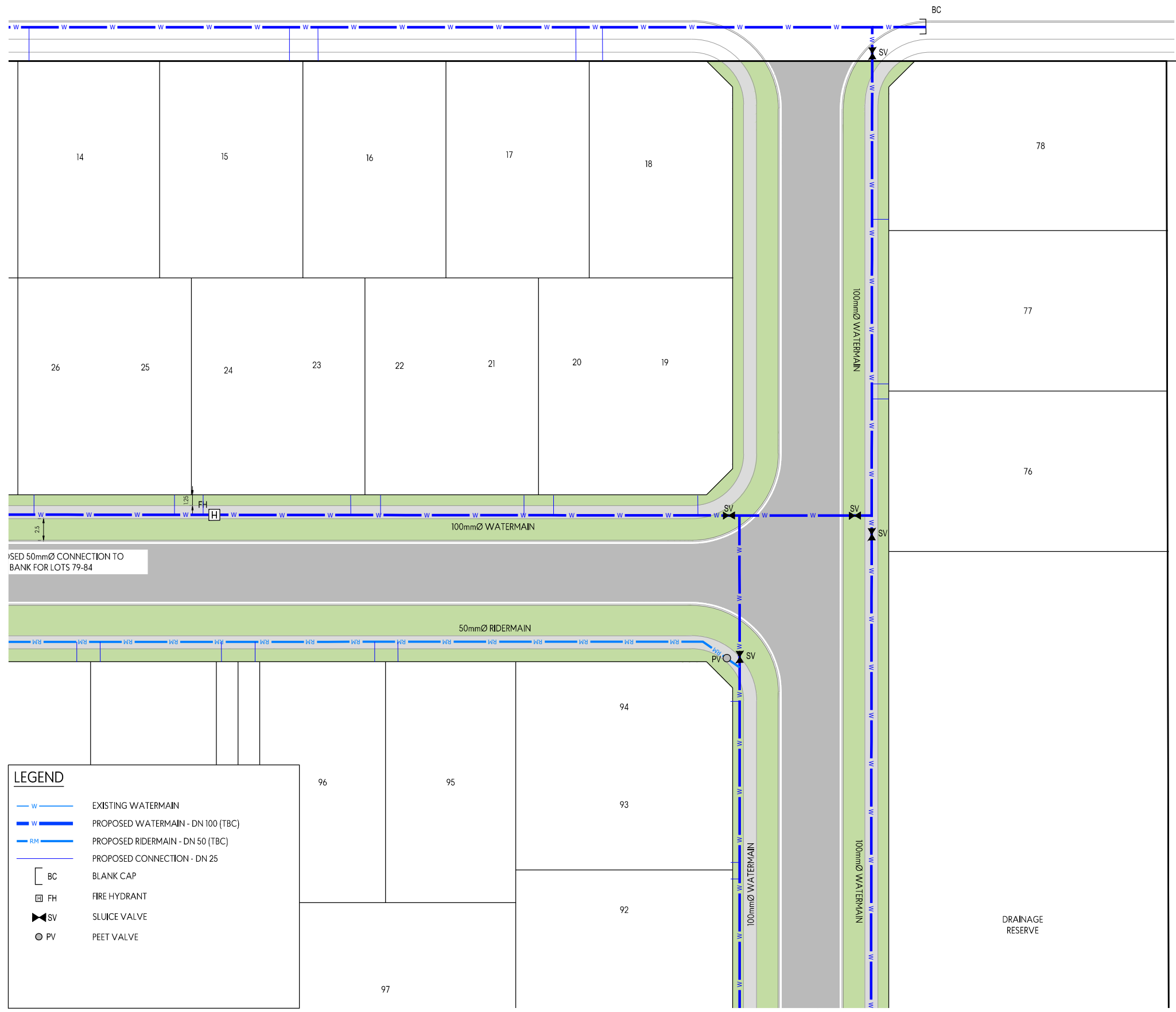
TITLE:  
 PROPOSED WATER SUPPLY  
 SHEET 2 OF 6



DESIGNED: JMW      DRAWN: MJP  
 CHECKED: AMB      PLOT DATE: 16-02-2023  
 SCALE A1: 1:250      SCALE A3: 1:500  
 STATUS: PRELIMINARY  
 PROJECT No: **1530-02**      DRAWING No: **502**      REVISION: **P1**



MILLARD AVENUE



**LEGEND**

	EXISTING WATERMAIN
	PROPOSED WATERMAIN - DN 100 (TBC)
	PROPOSED RIDERMAIN - DN 50 (TBC)
	PROPOSED CONNECTION - DN 25
	BLANK CAP
	FIRE HYDRANT
	SLUICE VALVE
	PEET VALVE

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REVISIONS:

REV	NOTES	BY	DATE
P1	FOR FAST TRACK REFERRAL	JMW	16/02/2023

PROJECT:  
 DMST INTERNATIONAL LTD  
 42-64 MILLARD AVENUE  
 MASTERTON

TITLE:  
 PROPOSED WATER SUPPLY  
 SHEET 3 OF 6



DESIGNED: JMW	DRAWN: MJP	REVISION:
CHECKED: AMB	PLOT DATE: 16-02-2023	503
SCALE A1: 1:250	SCALE A3: 1:500	P1
STATUS: PRELIMINARY	PROJECT No: 1530-02	
	DRAWING No: 503	

SECTION 106  
 MANAIA DIST

DRAINAGE  
 RESERVE



LOT 2  
DP 57194

PROPOSED 50mmØ CONNECTION TO  
METER BANK FOR LOTS 51-54

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REVISIONS:

REV	NOTES	BY	DATE
P1	FOR FAST TRACK REFERRAL	JMW	16/02/2023

PROJECT:  
DMST INTERNATIONAL LTD  
42-64 MILLARD AVENUE  
MASTERTON

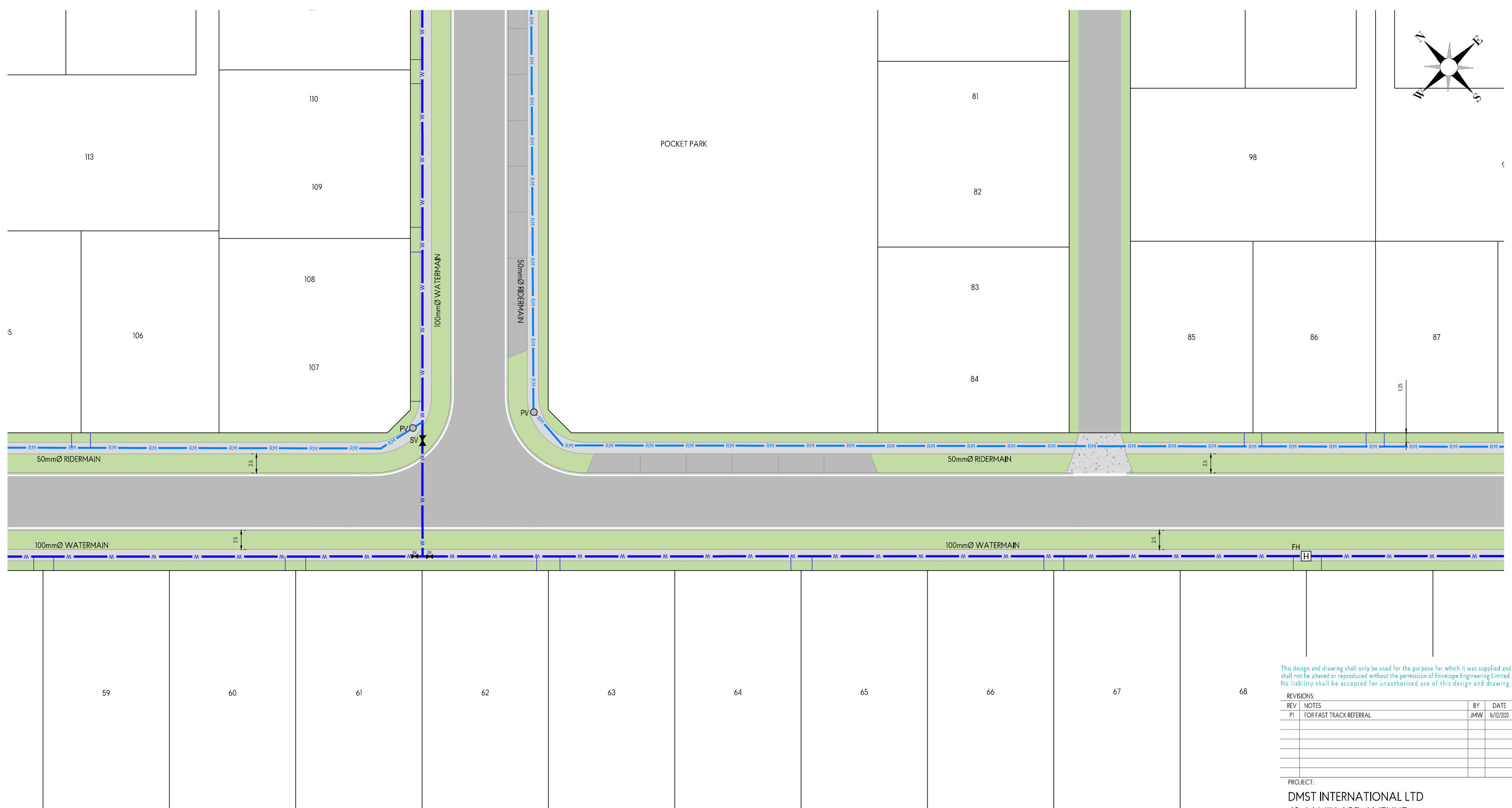
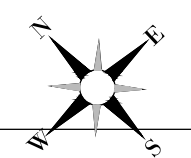
TITLE:  
PROPOSED WATER SUPPLY  
SHEET 4 OF 6



DESIGNED: JMW      DRAWN: MJP  
 CHECKED: AMB      PLOT DATE: 16-02-2023  
 SCALE A1: 1:250      SCALE A3: 1:500  
 STATUS: PRELIMINARY  
 PROJECT No: 1530-02      DRAWING No: 504      REVISION: P1

**LEGEND**

- W — EXISTING WATERMAIN
- W — PROPOSED WATERMAIN - DN 100 (TBC)
- RM — PROPOSED RIDERMAIN - DN 50 (TBC)
- — PROPOSED CONNECTION - DN 25
- BC BLANK CAP
- FH FIRE HYDRANT
- ⋈ SV SLUICE VALVE
- PV PEET VALVE



**LEGEND**

	EXISTING WATERMAIN
	PROPOSED WATERMAIN - DN 100 (TBC)
	PROPOSED RIDERMAIN - DN 50 (TBC)
	PROPOSED CONNECTION - DN 25
	BLANK CAP
	FIRE HYDRANT
	SLUICE VALVE
	PEET VALVE

LOT 1  
DP 87088

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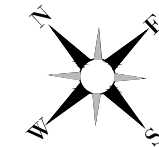
REV	NOTES	BY	DATE
P1	FOR FAST TRACK REFERRAL	JMW	16/02/2023

PROJECT:  
DMST INTERNATIONAL LTD  
42-64 MILLARD AVENUE  
MASTERTON

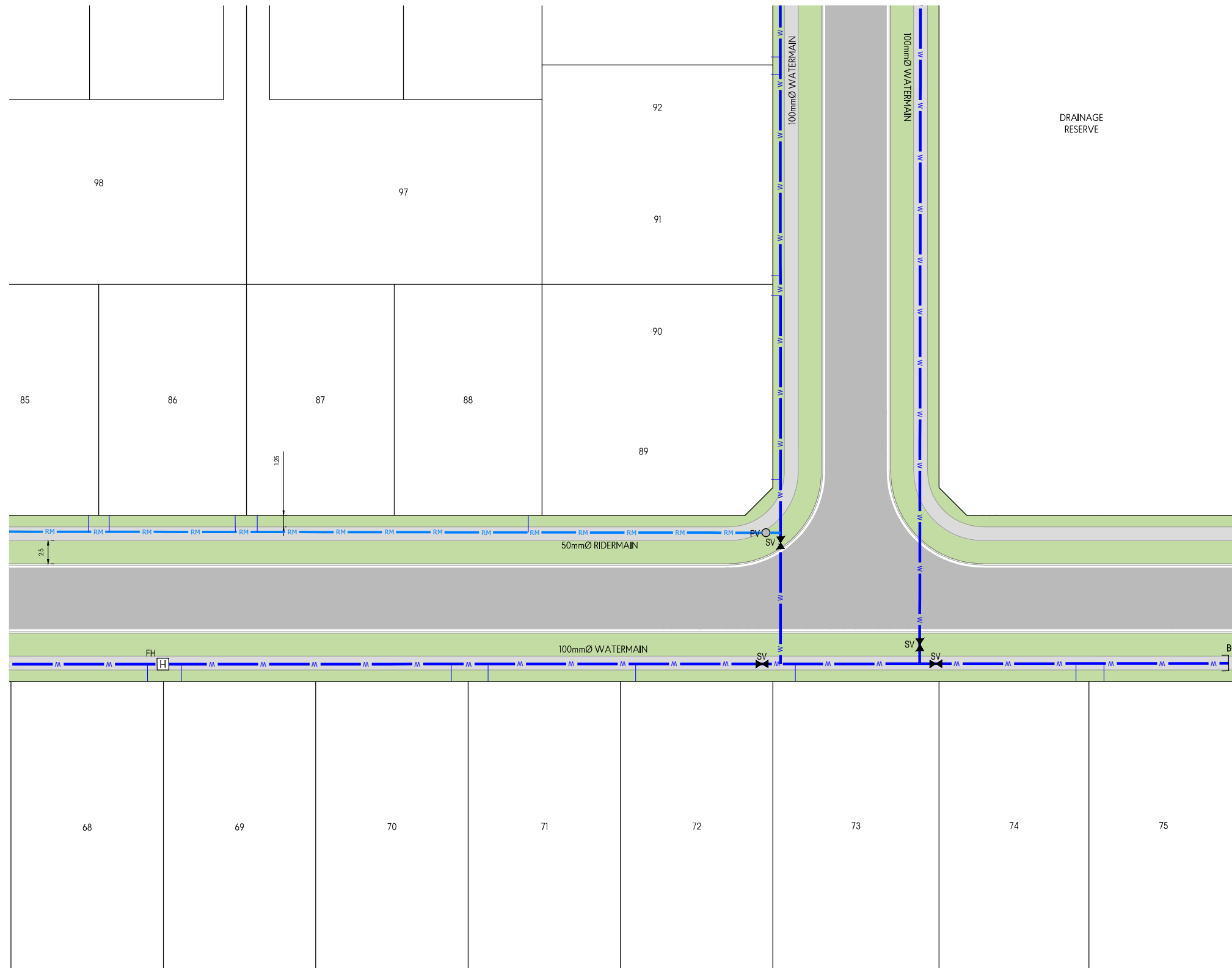
TITLE:  
PROPOSED WATER SUPPLY  
SHEET 5 OF 6



DESIGNED: JMW	DRAWN: MJP
CHECKED: AMB	PLOT DATE: 16-02-2023
SCALE A1: 1:250	SCALE A3: 1:500
STATUS: PRELIMINARY	
PROJECT No: 1530-02	DRAWING No: 505
	REVISION: P1



SECTION 106  
MANAIA DIST



**LEGEND**

	EXISTING WATERMAIN
	PROPOSED WATERMAIN - DN 100 (TBC)
	PROPOSED RIDERMAIN - DN 50 (TBC)
	PROPOSED CONNECTION - DN 25
	BLANK CAP
	FIRE HYDRANT
	SLUICE VALVE
	PEET VALVE

This design and drawing shall only be used for the purpose for which it was supplied and shall not be altered or reproduced without the permission of Envelope Engineering Limited. No liability shall be accepted for unauthorised use of this design and drawing.

REVISIONS:

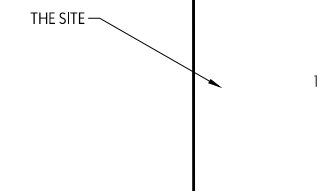
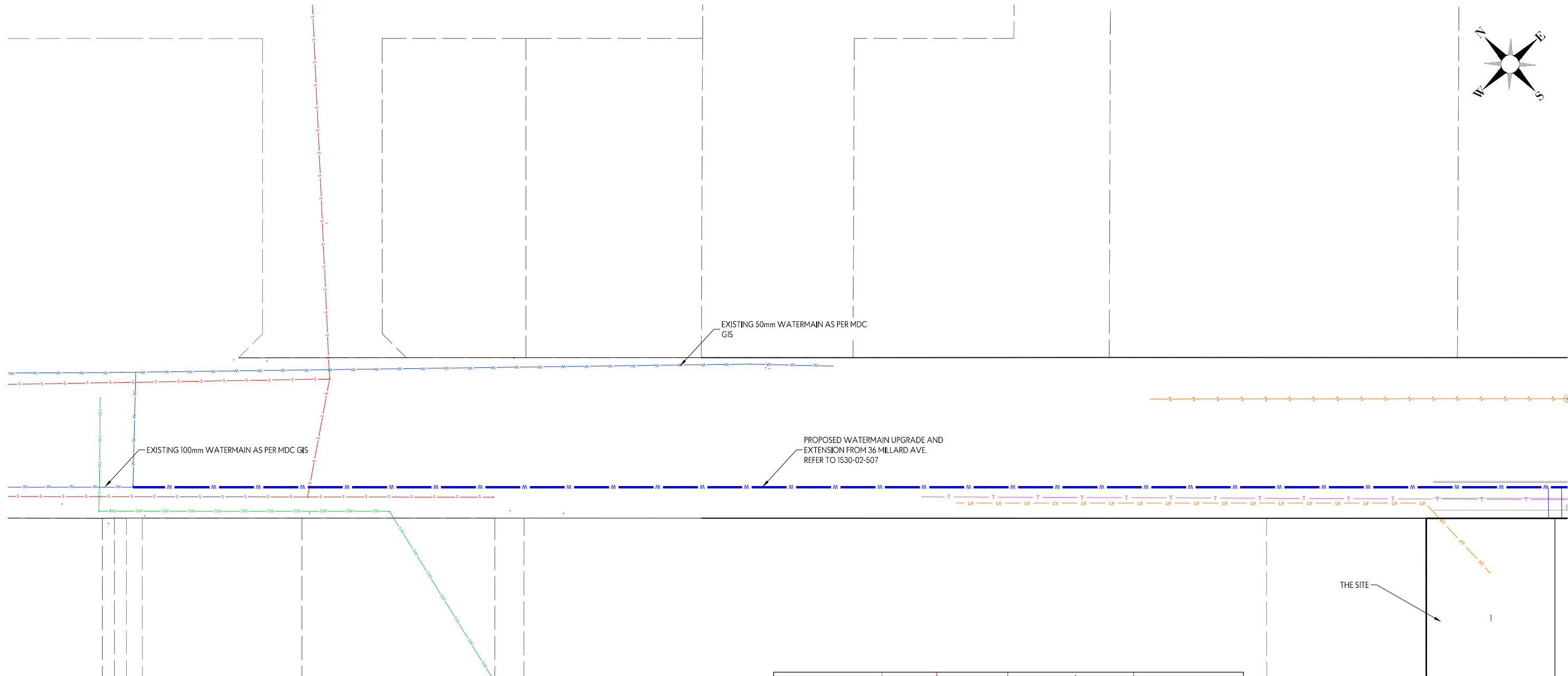
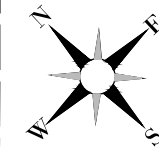
REV	NOTES	BY	DATE
P1	FOR FAST TRACK REFERRAL	JMW	16/02/2023

PROJECT:  
DMST INTERNATIONAL LTD  
42-64 MILLARD AVENUE  
MASTERTON

TITLE:  
PROPOSED WATER SUPPLY  
SHEET 6 OF 6



DESIGNED: JMW	DRAWN: MJP
CHECKED: AMB	PLOT DATE: 16-02-2023
SCALE A1: 1:250	SCALE A3: 1:500
STATUS: PRELIMINARY	
PROJECT No: 1530-02	DRAWING No: 506
	REVISION: P1



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REVISIONS:

REV	NOTES	BY	DATE
P1	FOR FAST TRACK REFERRAL	JMW	16/02/2023

PROJECT:  
 DMST INTERNATIONAL LTD  
 42-64 MILLARD AVENUE  
 MASTERTON

TITLE:

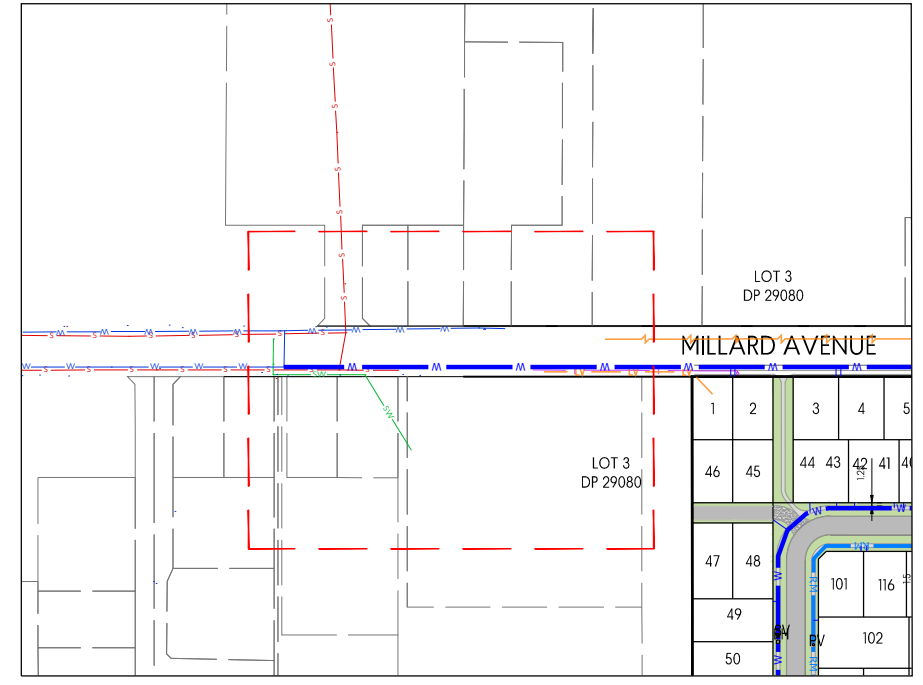
PROPOSED WATER SUPPLY  
 CONNECTION TO THE EXISTING NETWORK



DESIGNED: JMW      DRAWN: MJP  
 CHECKED: AMB      PLOT DATE: 16-02-2023  
 SCALE A1: 1:250      SCALE A3: 1:500  
 STATUS: PRELIMINARY  
 PROJECT No: 1530-02      DRAWING No: 507      REVISION: P1

**LEGEND**

	EXISTING WATERMAIN
	PROPOSED WATERMAIN - DN 100 (TBC)
	PROPOSED RIDERMAIN - DN 50 (TBC)
	PROPOSED CONNECTION - DN 25
	BLANK CAP
	FIRE HYDRANT
	SLUICE VALVE
	PEET VALVE



**LOCALITY PLAN**  
 SCALE A1: 1:1500  
 SCALE A3: 1:3000