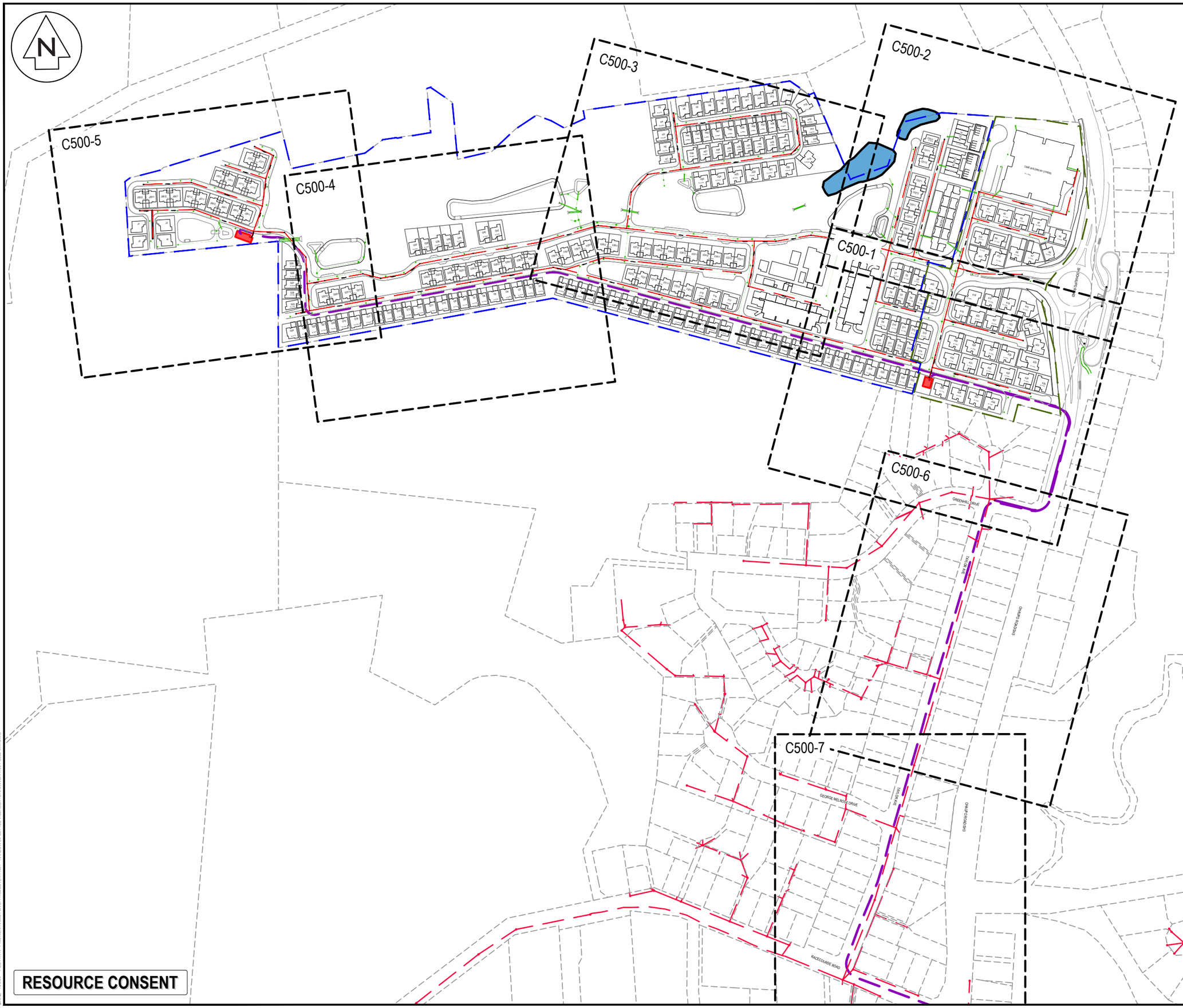


RESOURCE CONSENT

NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016. CONVERSION TO MOTURIKI 1953 CAN BE ACHIEVED BY ADDING 0.2594M
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6. ALL LINES ARE TO BE 150mmØ PVC CLASS SN16 UNLESS SHOWN OTHERWISE.
7. 150mmØ PIPES THAT DO NOT TERMINATE IN A MANHOLE MUST BE TERMINATED WITH A 100mmØ ON A 150mmØ LONDON JUNCTION AND BLANK CAP.
8. MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.
9. MEASUREMENTS SHOWN ON LOT CONNECTIONS ARE DISTANCE TO CENTER OF LOT CONNECTION FROM THE NEAREST DOWNSTREAM MANHOLE.

LEGEND

- EX BDY
- PROP BDY
- EX WASTEWATER
- PROP WASTEWATER
- EX/PROP WWMH
- PR WW LOT CON
- EX STORMWATER
- PR STORMWATER
- PROP RISING MAIN
- SW NETWORK
- PUBLIC WW NETWORK
- PRIVATE WW NETWORK

Rev	Description	By	Date
A	RESOURCE CONSENT	SM	10/2026

	By	Date
Survey	MAVEN	
Design	SM	10/2026
Drawn	MR	10/2026
Checked	SM	10/2026

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Project

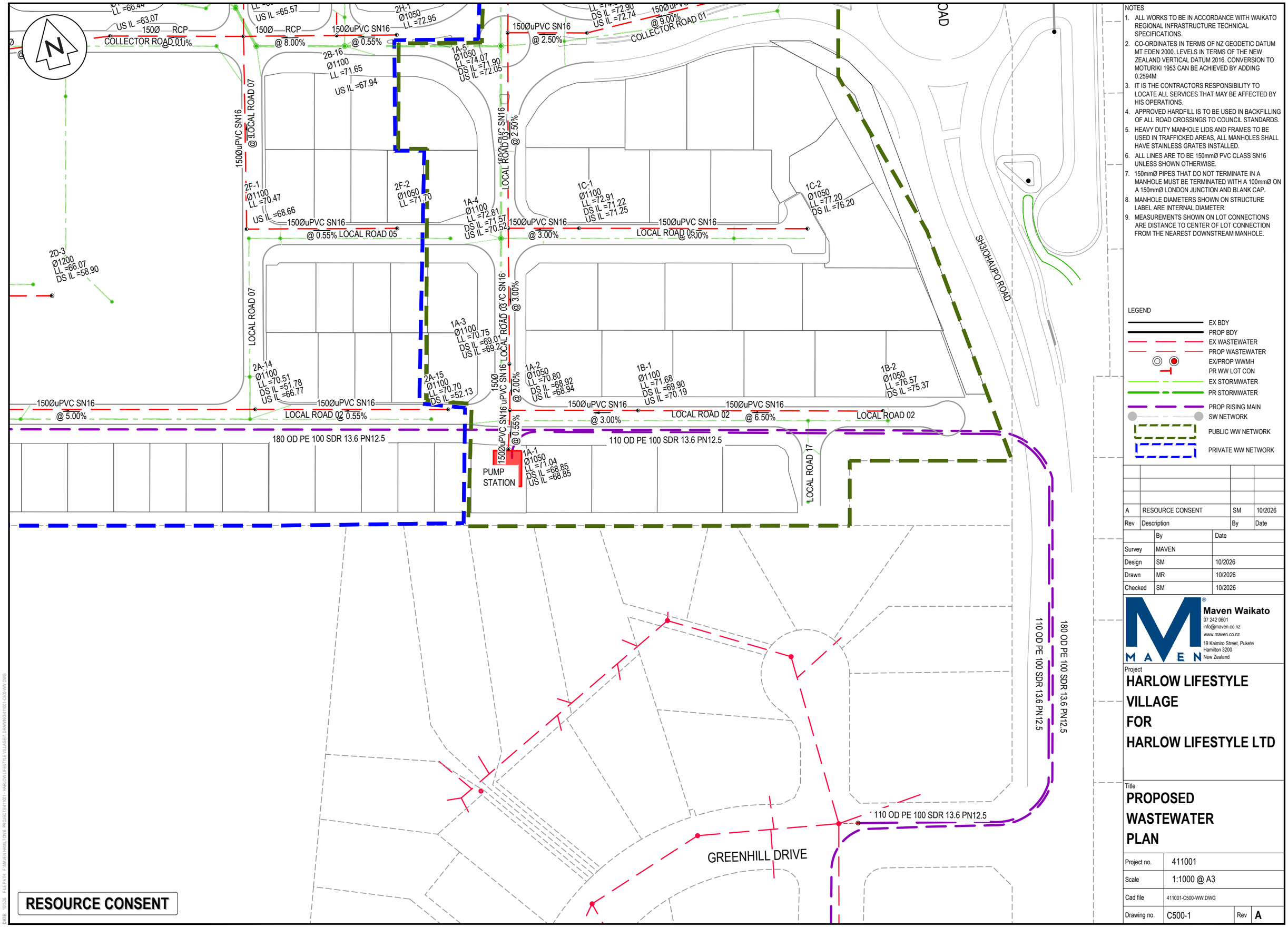
HARLOW LIFESTYLE VILLAGE FOR HARLOW LIFESTYLE LTD

Title

PROPOSED WASTEWATER PLAN

Project no.	411001		
Scale	1:4000 @ A3		
Cad file	411001-C500-WW.DWG		
Drawing no.	C500	Rev	A

DATE 10/26 FILEPATH: F:\MAVEN HAMILTON\6 PROJECTS\411001 - HARLOW LIFESTYLE VILLAGE\7 DRAWING\411001-C500-WW.DWG



RESOURCE CONSENT

DATE 10/5/26 FILEPATH: F:\MAVEN HAMILTON\6 PROJECTS\411001 - HARLOW LIFESTYLE VILLAGE\7 DRAWING\411001-C500-WW.DWG

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- SW NETWORK
- PUBLIC WW NETWORK
- PRIVATE WW NETWORK

Rev	Description	By	Date
A	RESOURCE CONSENT	SM	10/2026

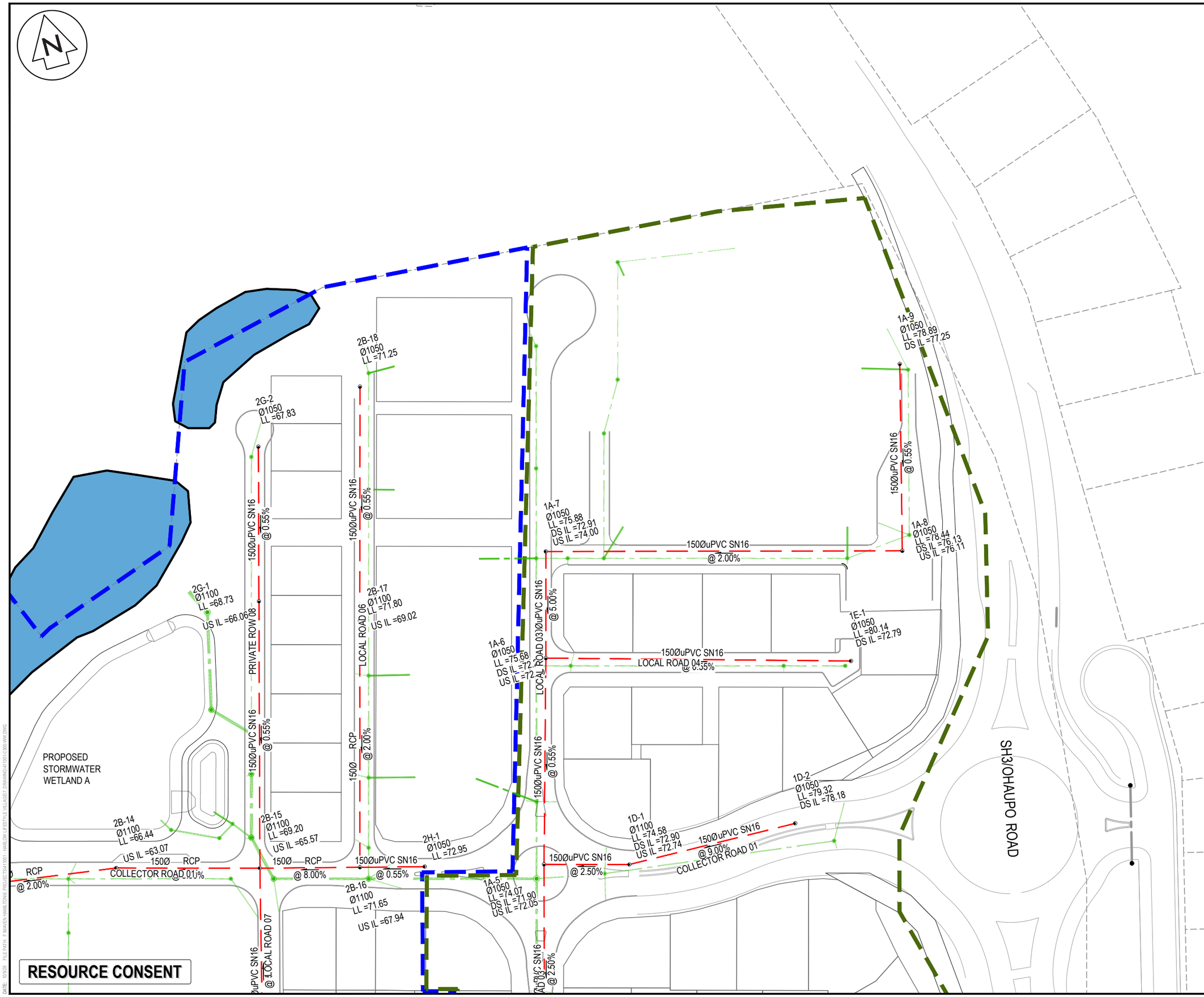
	By	Date
Survey	MAVEN	
Design	SM	10/2026
Drawn	MR	10/2026
Checked	SM	10/2026

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Project
HARLOW LIFESTYLE VILLAGE FOR HARLOW LIFESTYLE LTD

Title
PROPOSED WASTEWATER PLAN

Project no.	411001		
Scale	1:1000 @ A3		
Cad file	411001-C500-WW.DWG		
Drawing no.	C500-1	Rev	A



NOTES

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- PR STORMWATER
- PROP RISING MAIN
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Survey	MAVEN	
Design	SM	10/2026
Drawn	MR	10/2026
Checked	SM	10/2026

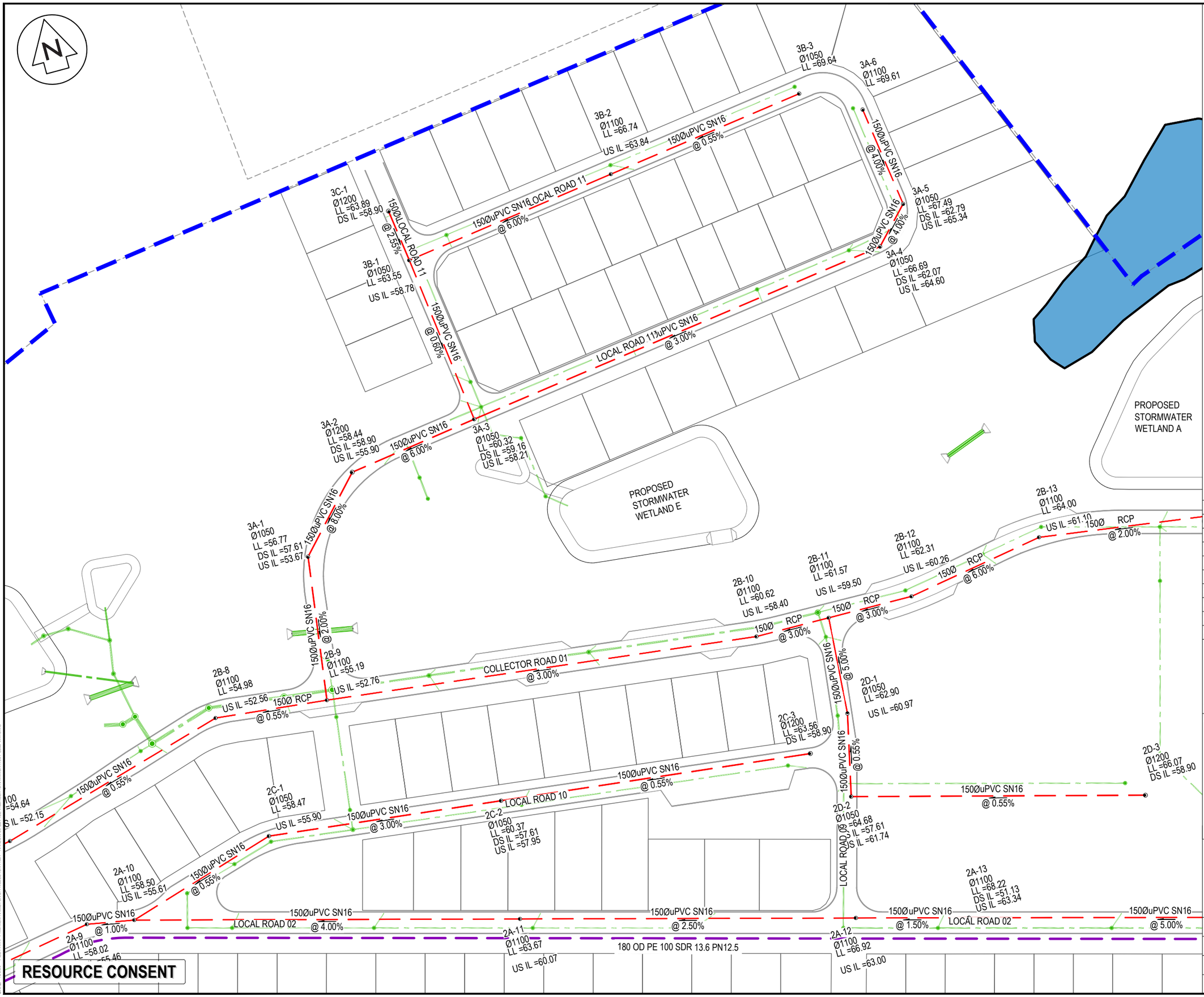
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Project
HARLOW LIFESTYLE VILLAGE FOR HARLOW LIFESTYLE LTD

Title
PROPOSED WASTEWATER PLAN

Project no.	411001		
Scale	1:1000 @ A3		
Cad file	411001-C500-WW.DWG		
Drawing no.	C500-2	Rev	A

DATE: 10/3/26 FILE PATH: F:\MAVEN HAMILTON\6 PROJECTS\411001 - HARLOW LIFESTYLE VILLAGE\7 DRAWINGS\411001-C500-WW.DWG



NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
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Rev	Description	By	Date
A	RESOURCE CONSENT	SM	10/2026

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Drawn	MR	10/2026
Checked	SM	10/2026

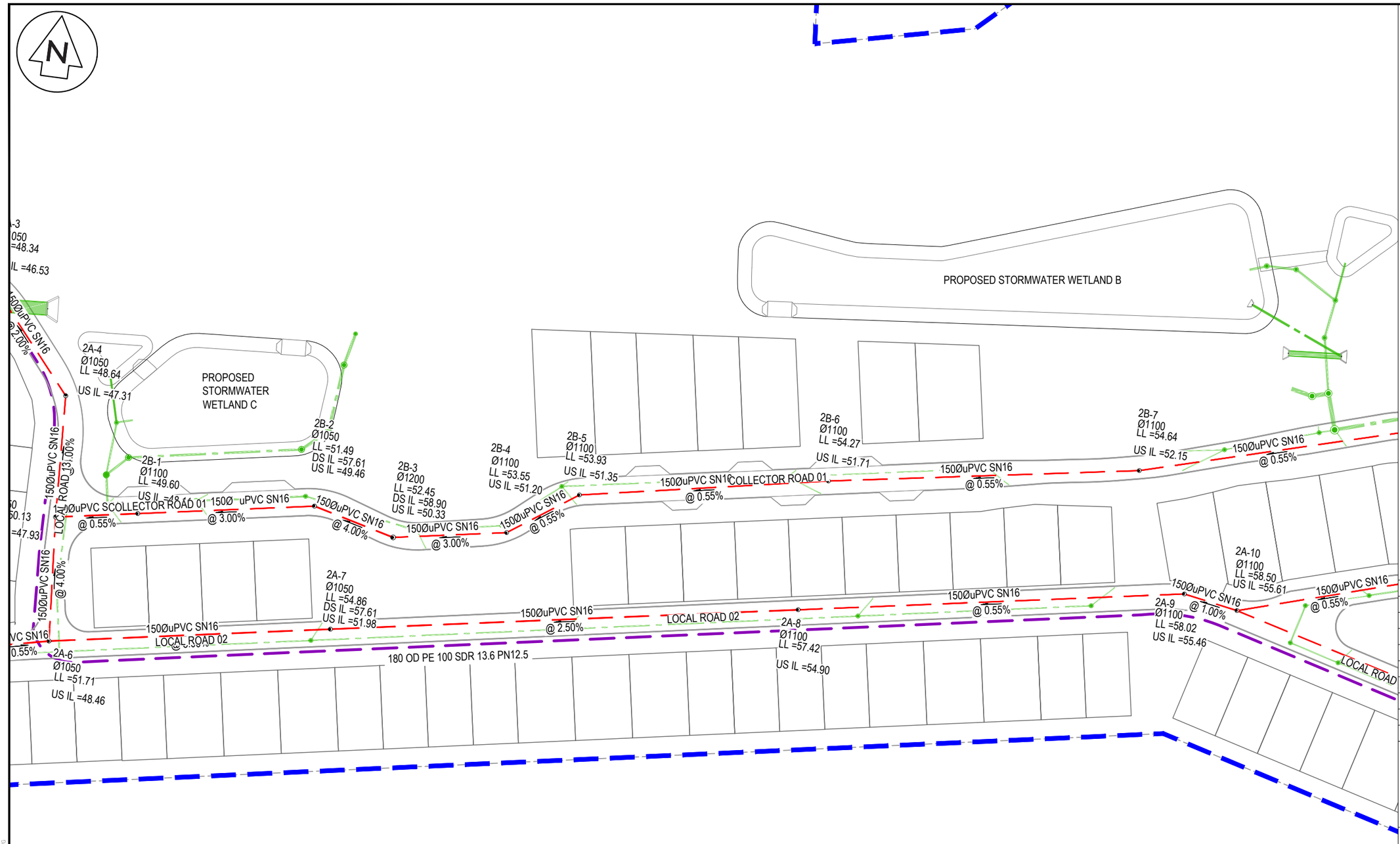
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Project
HARLOW LIFESTYLE VILLAGE FOR HARLOW LIFESTYLE LTD

Title
PROPOSED WASTEWATER PLAN

Project no.	411001
Scale	1:1000 @ A3
Cad file	411001-C500-WW.DWG
Drawing no.	C500-3 Rev A

DATE 10/26 F:\EPATH_F:\MAVEN HAMILTON\6_PROJECTS\411001 - HARLOW LIFESTYLE VILLAGE\7 DRAWING\411001-C500-WW.DWG



NOTES

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Rev	Description	By	Date
A	RESOURCE CONSENT	SM	10/2026

	By	Date
Survey	MAVEN	
Design	SM	10/2026
Drawn	MR	10/2026
Checked	SM	10/2026

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Project

HARLOW LIFESTYLE VILLAGE FOR HARLOW LIFESTYLE LTD

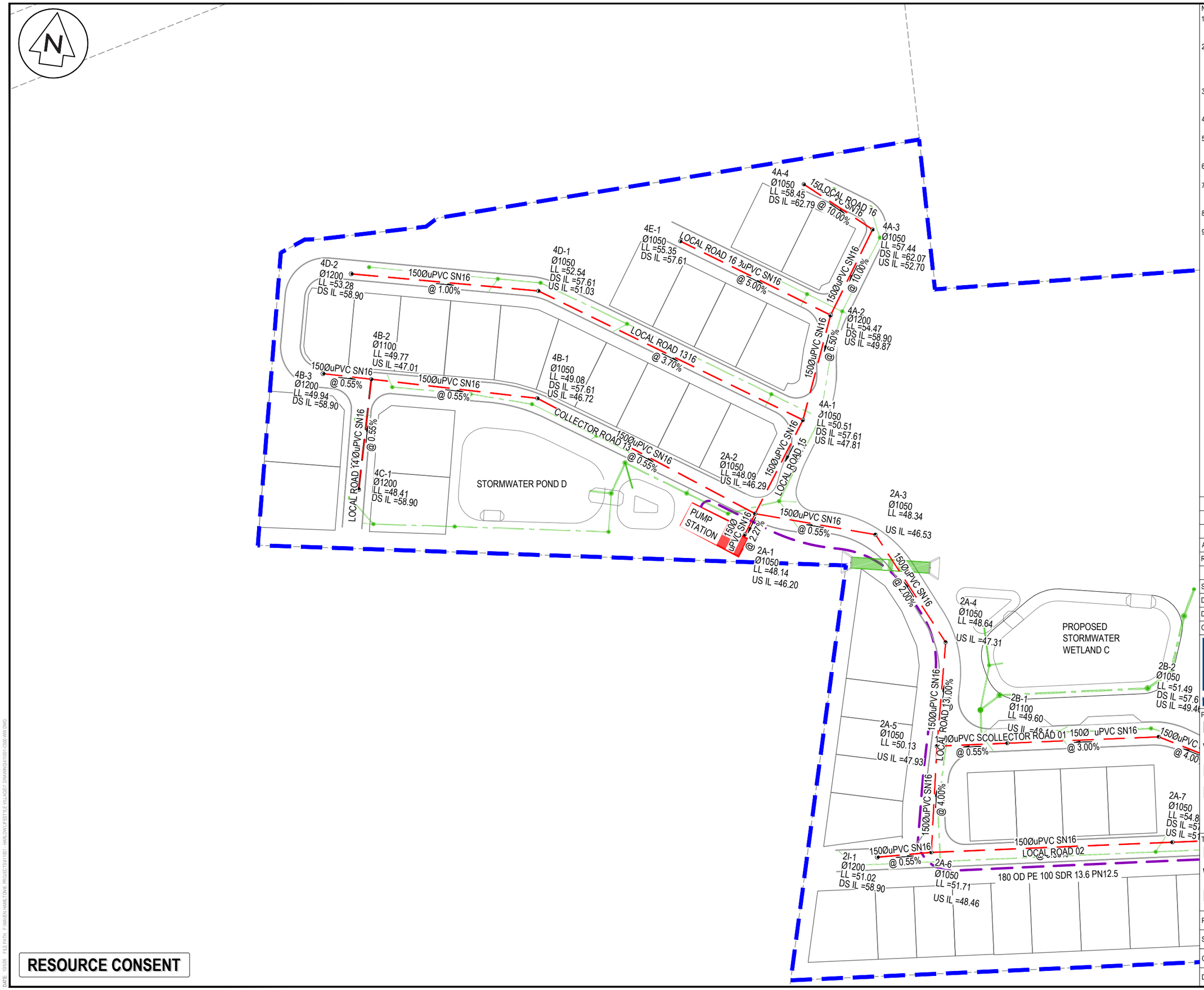
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PROPOSED WASTEWATER PLAN

Project no.	411001
Scale	1:1000 @ A3
Cad file	411001-C500-WW.DWG
Drawing no.	C500-4 Rev A

RESOURCE CONSENT

DATE: 10/5/26 FILE PATH: P:\MAVEN HAMILTON\6. PROJECTS\411001 - HARLOW LIFESTYLE VILLAGE\1 DRAWING\411001-C500-WW.DWG



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Rev	Description	By	Date
A	RESOURCE CONSENT	SM	10/2026

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Survey	MAVEN	
Design	SM	10/2026
Drawn	MR	10/2026
Checked	SM	10/2026

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Hamilton 3200
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Project

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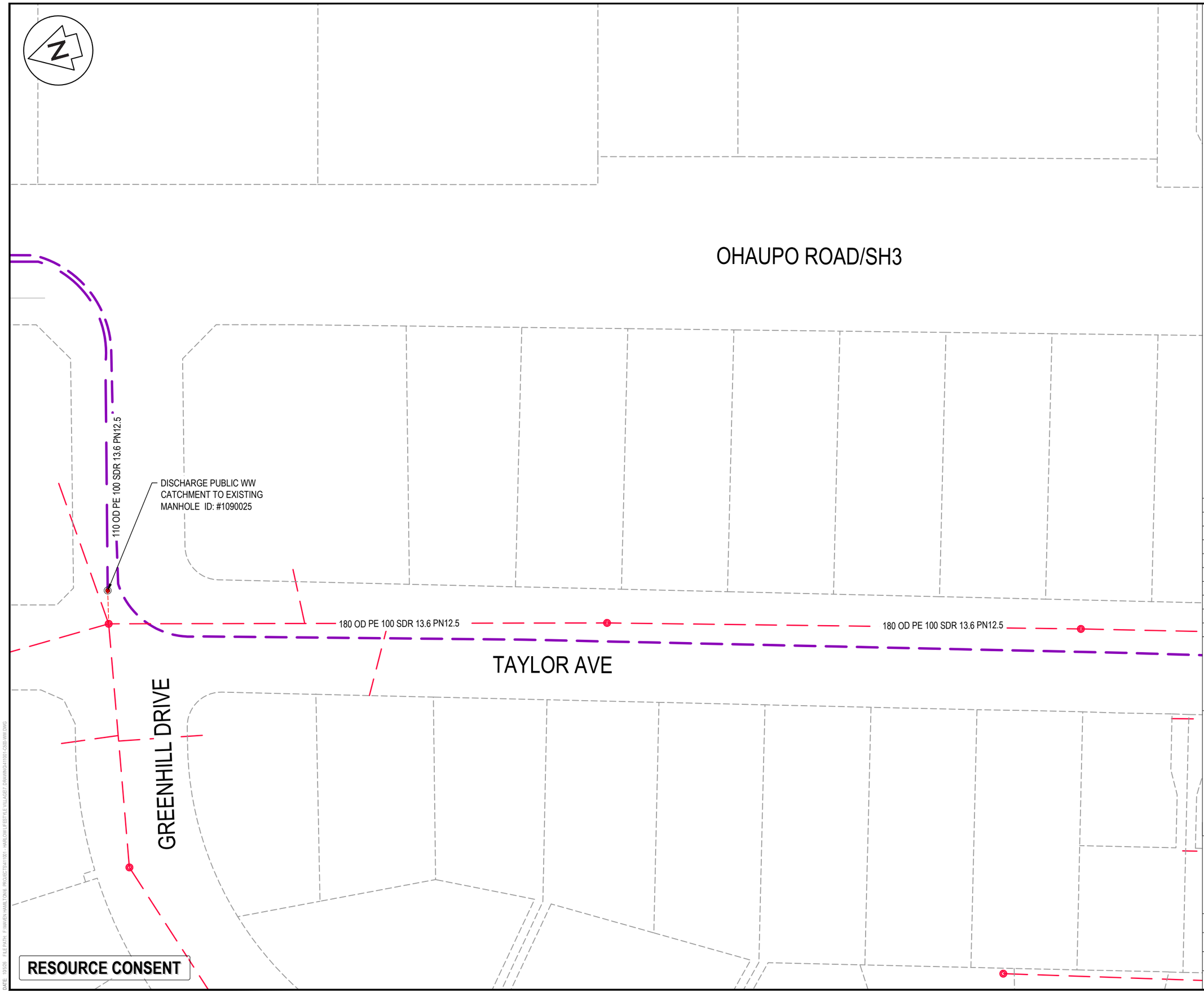
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PROPOSED WASTEWATER PLAN

Project no.	411001
Scale	1:1000 @ A3
Cad file	411001-C500-WW.DWG
Drawing no.	C500-5 Rev A

RESOURCE CONSENT

DATE 10/26 FILEPATH F:\MAVEN HAMILTON\6 PROJECTS\411001 HARLOW LIFESTYLE VILLAGE\7 DRAWING\411001-C500-WW.DWG



NOTES

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Rev	Description	By	Date
A	RESOURCE CONSENT	SM	10/2026

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Survey	MAVEN	
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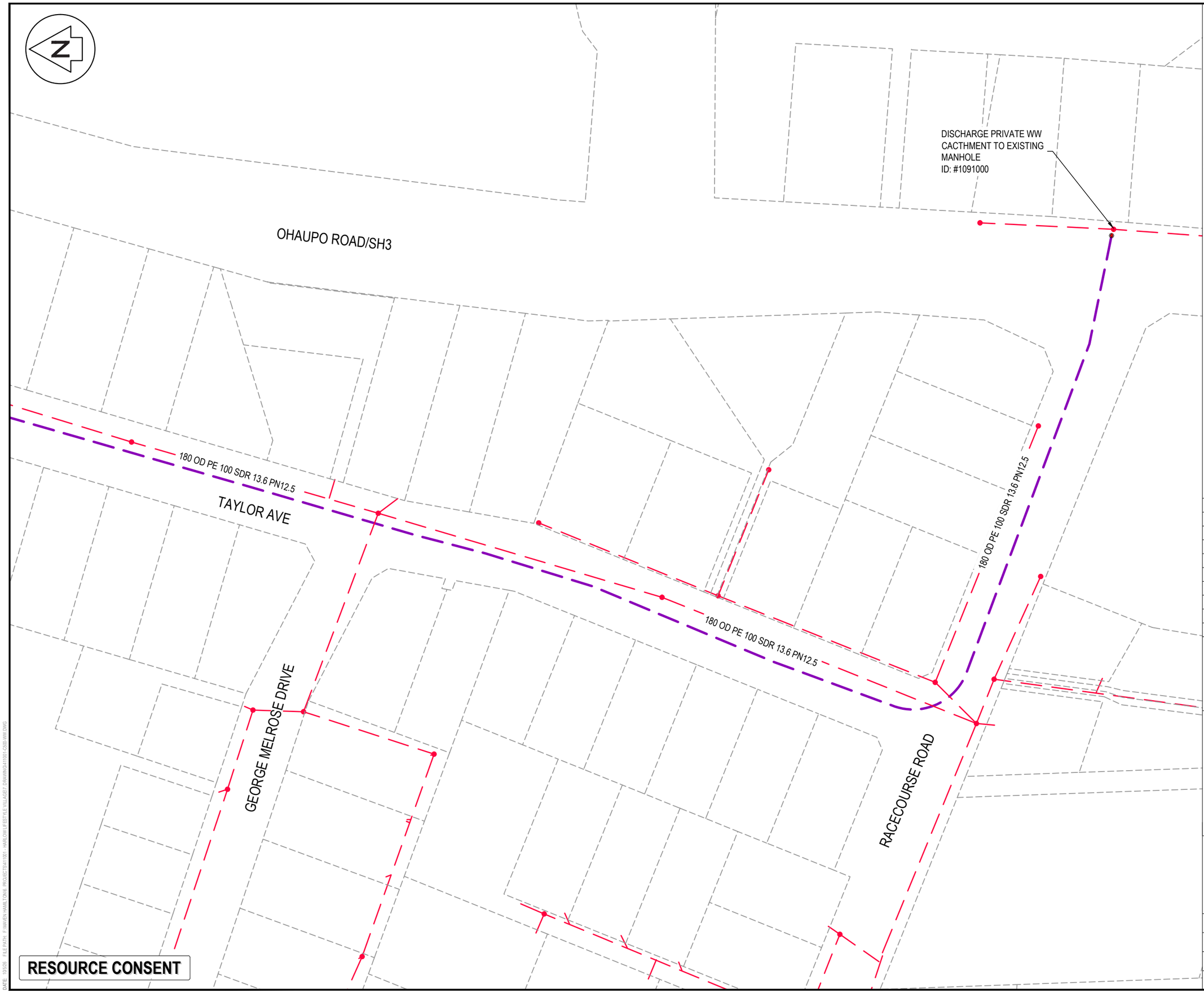
HARLOW LIFESTYLE VILLAGE FOR HARLOW LIFESTYLE LTD

Title

PROPOSED WASTEWATER PLAN

Project no.	411001
Scale	1:1000 @ A3
Cad file	411001-C500-WW.DWG
Drawing no.	C500-6 Rev A

DATE 10/26 FILE PATH F:\MAVEN HAMILTON\6 PROJECTS\411001 - HARLOW LIFESTYLE VILLAGE\7 DRAWINGS\411001-C500-WW.DWG



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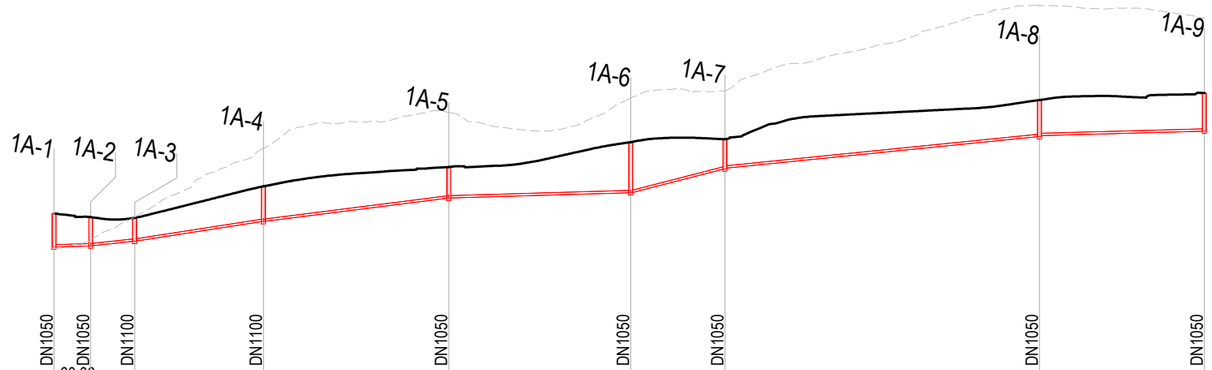
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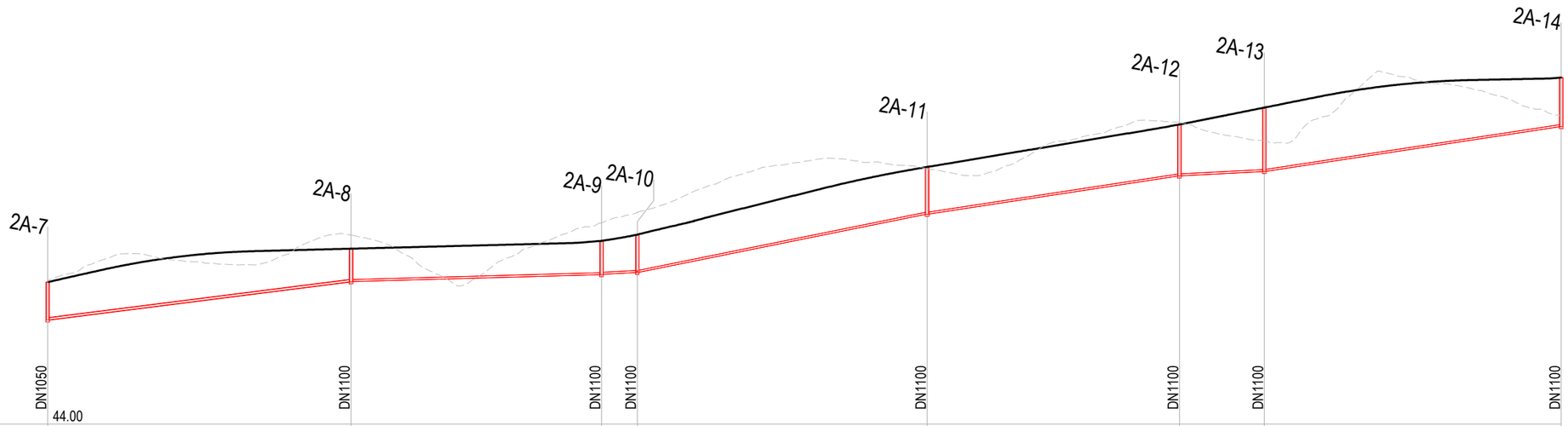
PROPOSED WASTEWATER PLAN

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Scale	1:1000 @ A3		
Cad file	411001-C500-WW.DWG		
Drawing no.	C500-7	Rev	A

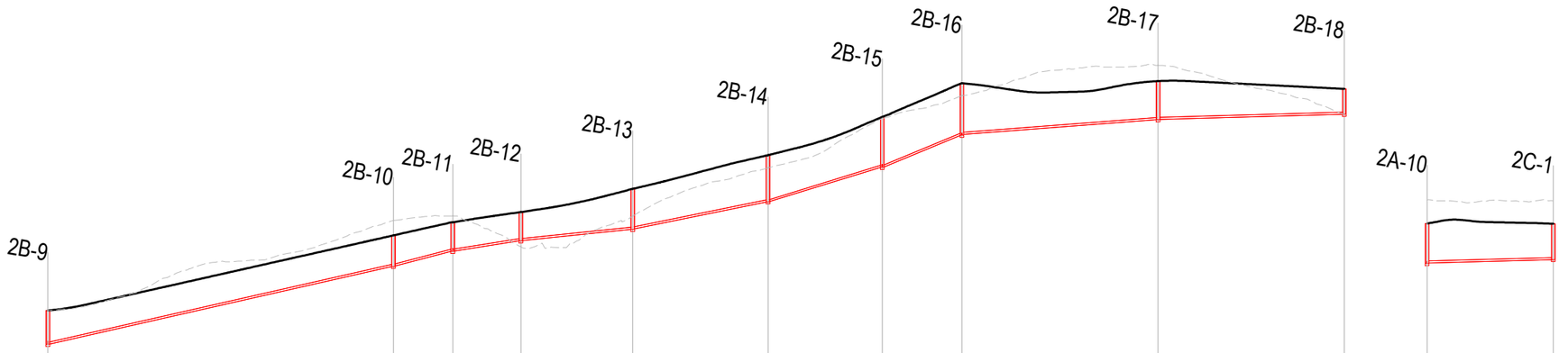
DATE: 10/26 FILE PATH: F:\MAVEN HAMILTON\6 PROJECTS\411001 - HARLOW LIFESTYLE VILLAGE\7 DRAWINGS\411001-C500-WW.DWG


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1A-9

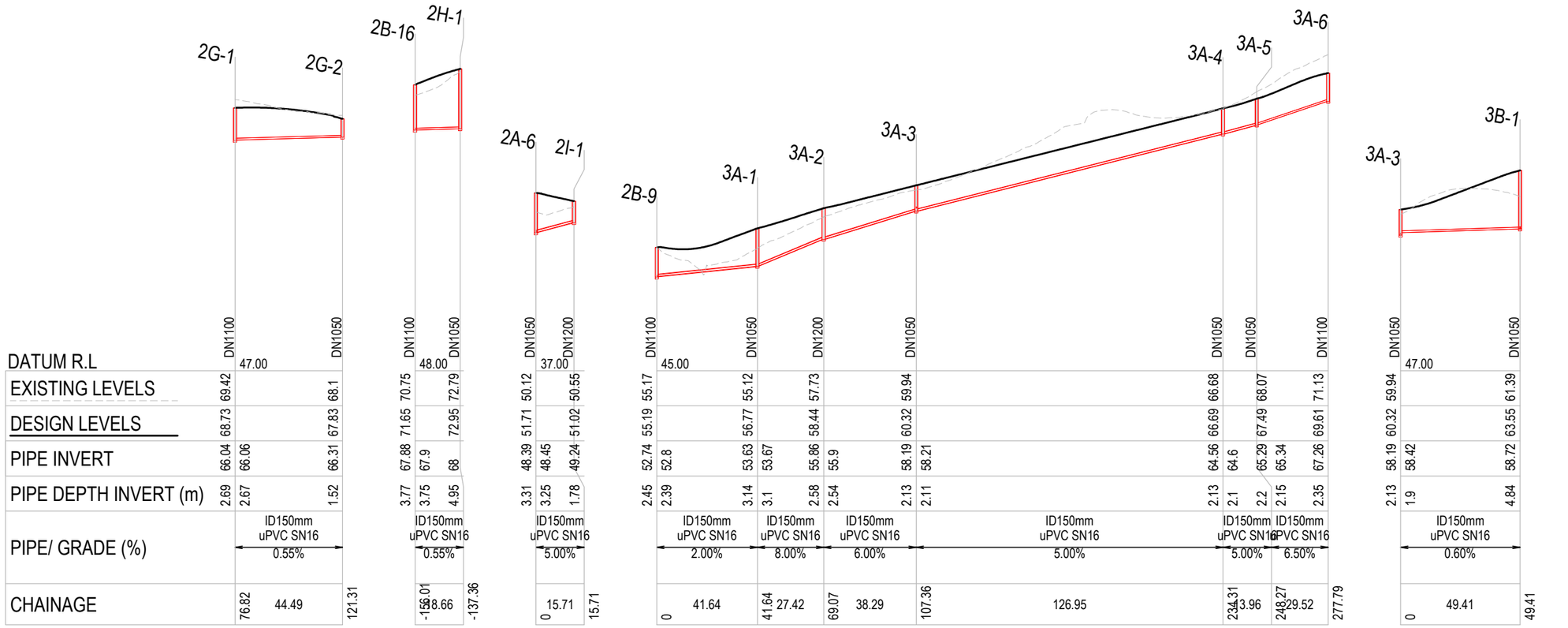
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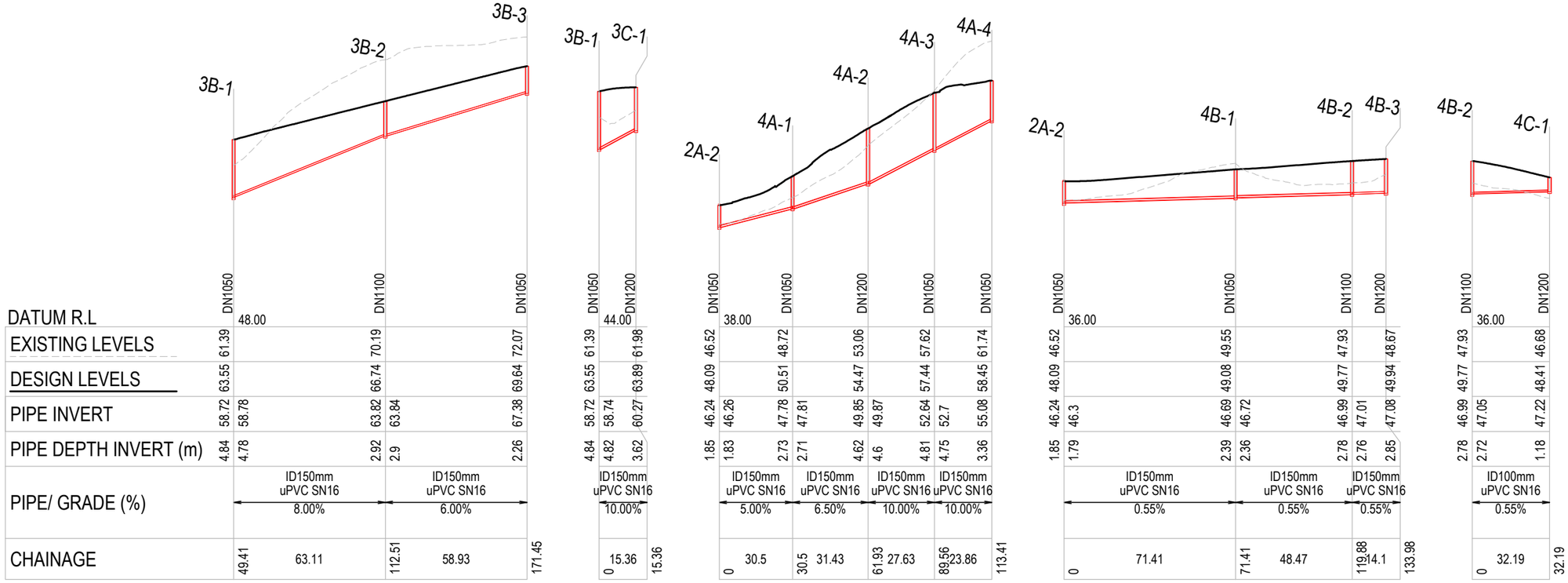

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2C-1

| | | |





DRAFT FOR REVIEW

NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
3. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.
4. PIPE BEDDING: 0 - 10% GRANULAR BEDDING,10 - 20% WEAK CONCRETE BEDDING.GREATER THAN 20% WEAK CONCRETE BEDDING (7MPA PLUS ANTI SCOUR BLOCKS AT 6M CRS).
5. EACH CONNECTION SHALL BE MARKED BY A 50MMX50MM TREATED PINE STAKE EXTENDING 600MM ABOVE GROUND LEVEL WITH THE TOP PAINTED. THIS MARKER POST SHALL BE PLACED ALONGSIDE A TIMBER MARKER INSTALLED AT THE TIME OF PIPELAYING AND EXTENDING FROM THE CONNECTION TO 150MM BELOW FINISHED GROUND LEVEL. CONNECTIONS SHALL BE ACCURATELY INDICATED ON "AS BUILT" PLANS.
6. APPROVED HARDFILL IS TO BE USED IN BACKFILLING OF ALL ROAD CROSSINGS AND VEHICLE CROSSINGS TO COUNCIL STANDARDS.
7. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
8. ALL MANHOLES ARE TO BE 1050MMØ PRE CAST CONCRETE UNLESS SHOWN OTHERWISE.
9. ALL LINES ARE TO BE MIN. 150MMØ PVC CLASS SN16 UNLESS SHOWN OTHERWISE.
10. ALL LOT CONNECTION TO BE MIN. 100mmØ PVC CLASS SN16 UNLESS SHOWN OTHERWISE.
11. 150MMØ PIPES THAT DO NOT TERMINATE IN A MANHOLE MUST BE TERMINATED WITH A 100MMØ ON A 150MMØ LUNDEN JUNCTION AND BLANK CAP.
12. ALL LINES TO BE ABANDONED SHALL BE SEALED AT EACH END. TIMING OF ALL SEALING TO BE COORDINATED WITH COUNCIL STAFF.

LEGEND

- EX GROUND LEVEL
- PR GROUND LEVEL
- HARDFILL BACKFILL
- PR WASTEWATER

Rev	Description	By	Date
A	RESOURCE CONSENT	SM	10/2026

	By	Date
Survey	MAVEN	
Design	SM	10/2026
Drawn	MR	10/2026
Checked	SM	10/2026

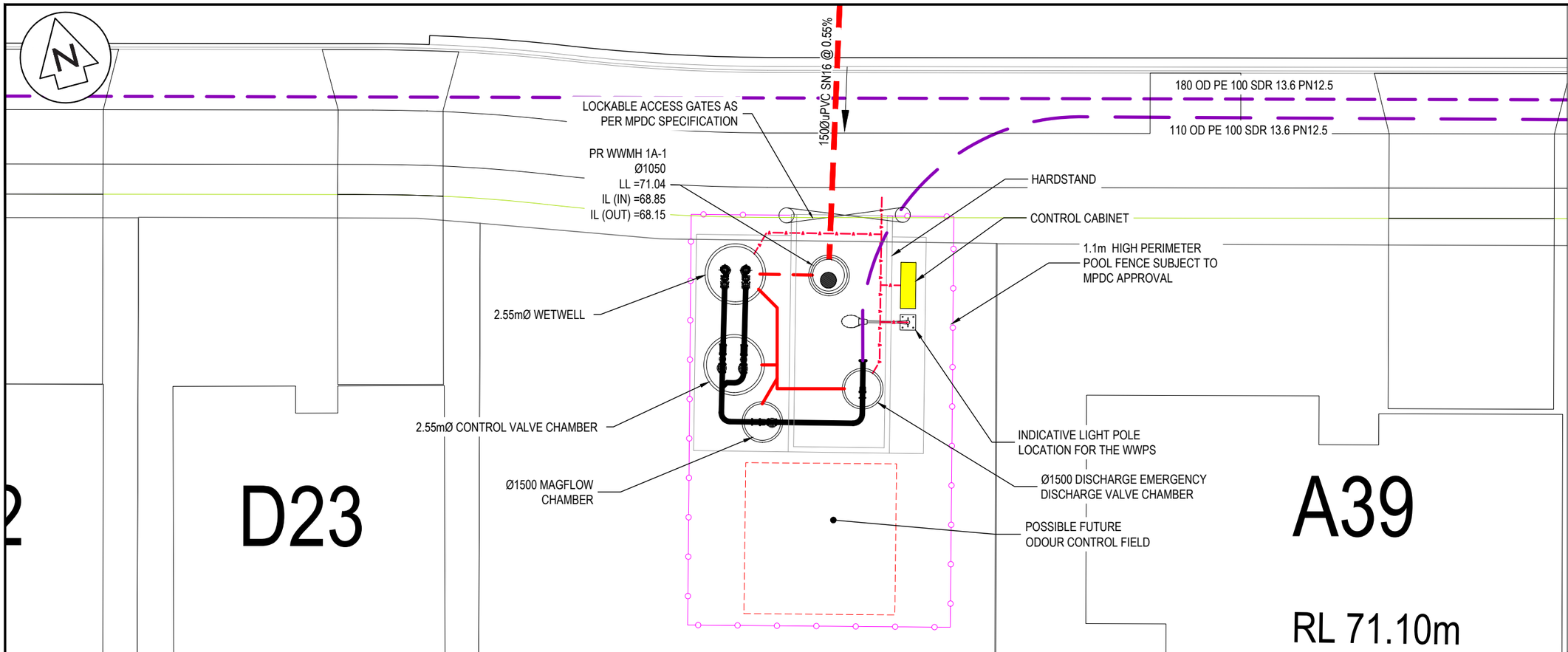
Maven Waikato
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19 Kaimiro Street, Pukete
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New Zealand

Project
HARLOW LIFESTYLE VILLAGE FOR HARLOW LIFESTYLE LTD

Title
PROPOSED WASTEWATER LONGSECTION PLAN

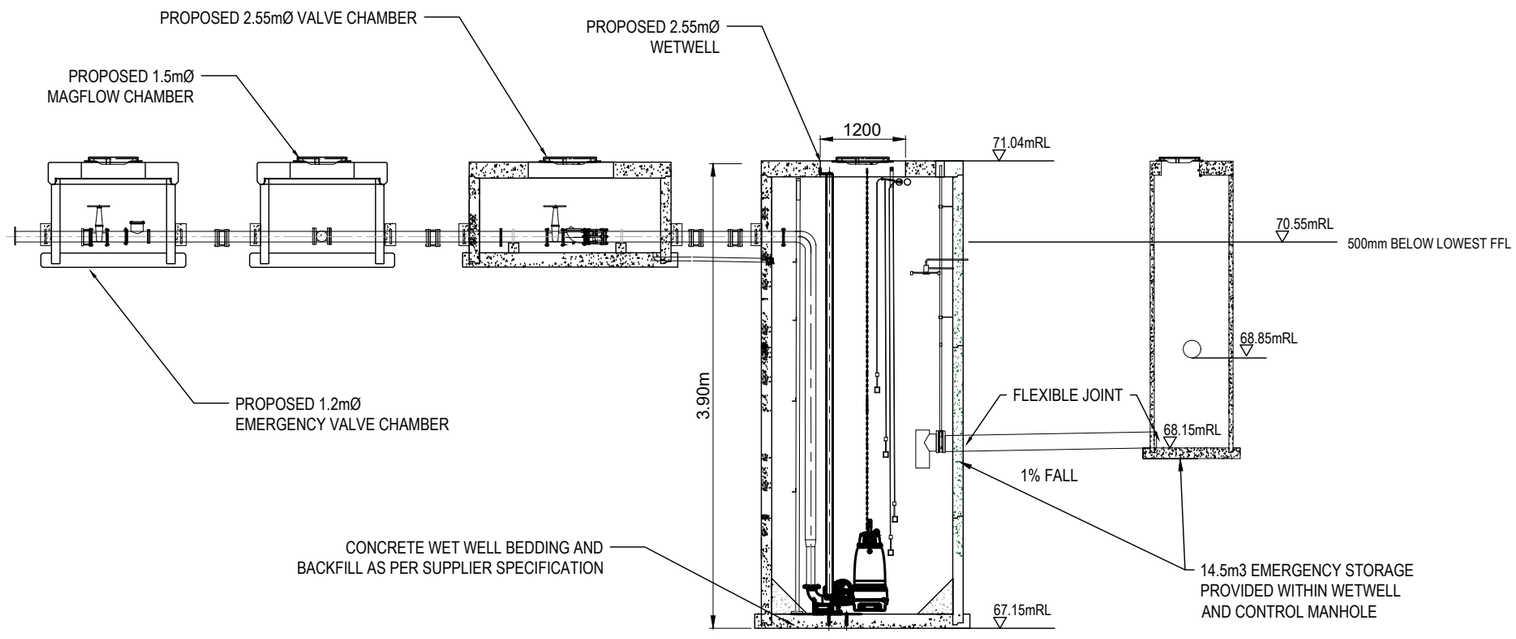
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Scale	AS SHOWN - A3		
Cad file	411001-C520 - WW LS.DWG		
Drawing no.	C520-4	Rev	A

DATE: 10/0/5 FILE PATH: J:\MAVEN\HAMILTON\PROJECTS\411001 HARLOW LIFESTYLE VILLAGE\7 DRAWINGS\01 C520 - WW LS.DWG



PUBLIC WASTEWATER PUMP STATION PLAN VIEW
SCALE: 1:150

NOTE:
PLAN C530-1 IS TO BE READ IN CONJUNCTION WITH PUMP STATION SPECIFICATIONS PROVIDED AT DETAILED DESIGN STAGE.



PUBLIC WASTEWATER PUMP STATION CROSS SECTION
SCALE: NTS

RESOURCE CONSENT

NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
3. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY HIS OPERATIONS.
4. APPROVED HARDFILL IS TO BE USED IN BACKFILLING OF ALL ROAD CROSSINGS TO COUNCIL STANDARDS.
5. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
6. ALL LINES ARE TO BE 150mmØ PVC CLASS SN16 UNLESS SHOWN OTHERWISE.
7. 150mmØ PIPES THAT DO NOT TERMINATE IN A MANHOLE MUST BE TERMINATED WITH A 100mmØ ON A 150mmØ LONDON JUNCTION AND BLANK CAP.
8. MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.
9. MEASUREMENTS SHOWN ON LOT CONNECTIONS ARE DISTANCE TO CENTER OF LOT CONNECTION FROM THE NEAREST DOWNSTREAM MANHOLE.
10. RISING MAIN LEVELS WILL BE DETERMINED AT DETAILED DESIGN STAGE

LEGEND
- EX BDY
- PROP BDY
- EX WASTEWATER
- PROP WASTEWATER
- PROP RISING MAIN
- EX/PROP WWMH
- PR WW LOT CON

Rev	Description	By	Date
A	FAST TRACK	BD	10/2026

	By	Date
Survey	MAVEN	11/2025
Design	SM	03/2026
Drawn	BD	03/2026
Checked	DJM	####

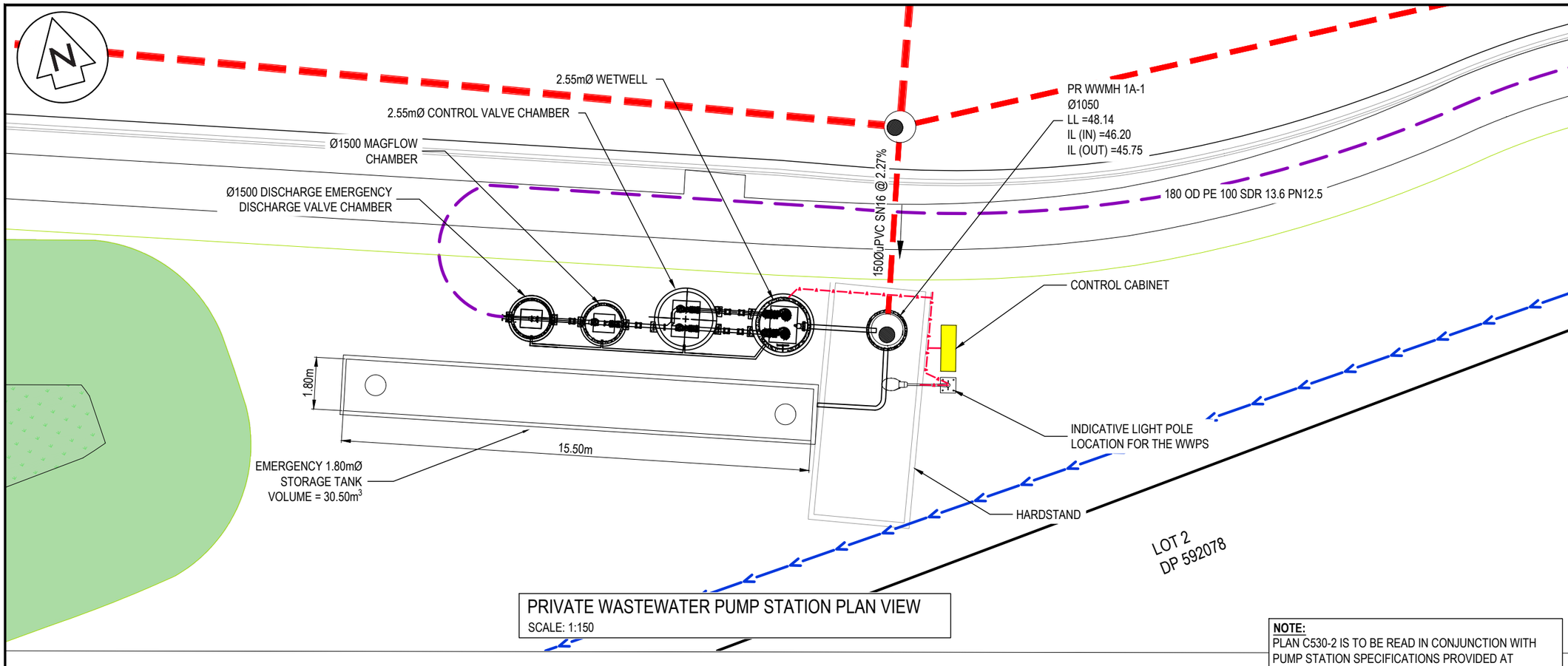
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Project
HARLOW LIFESTYLE VILLAGE FOR HARLOW LIFESTYLE LTD

Title
PROPOSED WASTEWATER PUMP STATION (PUBLIC)

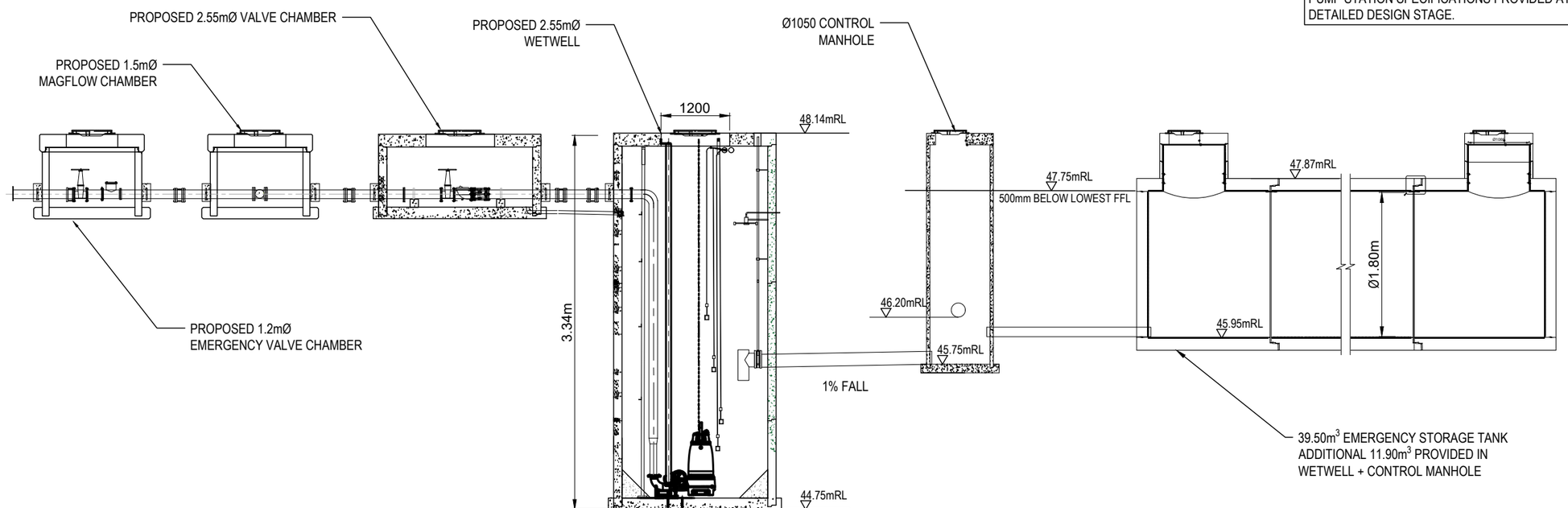
Project no.	411001
Scale	AS SHOWN
Cad file	411001-C530-PUMP STAIONS.DWG
Drawing no.	C530-1 Rev A

DATE: 10/2026 FILE PATH: F:\MAVEN\HAMILTON\6 PROJECTS\411001 - HARLOW LIFESTYLE VILLAGE\7 DRAWINGS\411001-C530-PUMP STATIONS.DWG



PRIVATE WASTEWATER PUMP STATION PLAN VIEW

SCALE: 1:150



PRIVATE WASTEWATER PUMP STATION CROSS SECTION

SCALE: NTS

RESOURCE CONSENT

NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH WAIKATO REGIONAL INFRASTRUCTURE TECHNICAL SPECIFICATIONS.
2. CO-ORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
3. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY HIS OPERATIONS.
4. APPROVED HARDFILL IS TO BE USED IN BACKFILLING OF ALL ROAD CROSSINGS TO COUNCIL STANDARDS.
5. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS, ALL MANHOLES SHALL HAVE STAINLESS GRATES INSTALLED.
6. ALL LINES ARE TO BE 150mmØ PVC CLASS SN16 UNLESS SHOWN OTHERWISE.
7. 150mmØ PIPES THAT DO NOT TERMINATE IN A MANHOLE MUST BE TERMINATED WITH A 100mmØ ON A 150mmØ LONDON JUNCTION AND BLANK CAP.
8. MANHOLE DIAMETERS SHOWN ON STRUCTURE LABEL ARE INTERNAL DIAMETER.
9. MEASUREMENTS SHOWN ON LOT CONNECTIONS ARE DISTANCE TO CENTER OF LOT CONNECTION FROM THE NEAREST DOWNSTREAM MANHOLE.
10. RISING MAIN LEVELS WILL BE DETERMINED AT DETAILED DESIGN STAGE

NOTE:
PLAN C530-2 IS TO BE READ IN CONJUNCTION WITH PUMP STATION SPECIFICATIONS PROVIDED AT DETAILED DESIGN STAGE.

LEGEND

- EX BDY
- PROP BDY
- EX WASTEWATER
- PROP WASTEWATER
- PROP RISING MAIN
- EX/PROP WWMH
- PR WW LOT CON

Rev	Description	By	Date
A	FAST TRACK	BD	10/2026

	By	Date
Survey	MAVEN	11/2025
Design	SM	03/2026
Drawn	BD	03/2026
Checked	DJM	####

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Project
HARLOW LIFESTYLE VILLAGE FOR HARLOW LIFESTYLE LTD

Title
PROPOSED WASTEWATER PUMP STATION (PRIVATE)

Project no.	411001		
Scale	AS SHOWN		
Cad file	411001-C530-PUMP STAIONS.DWG		
Drawing no.	C530-2	Rev	A

DATE: 10/26/26 FILE PATH: F:\MAVEN\HAMILTON\PROJECTS\411001 - HARLOW LIFESTYLE VILLAGE\7 DRAWINGS\411001-C530-PUMP STAIONS.DWG