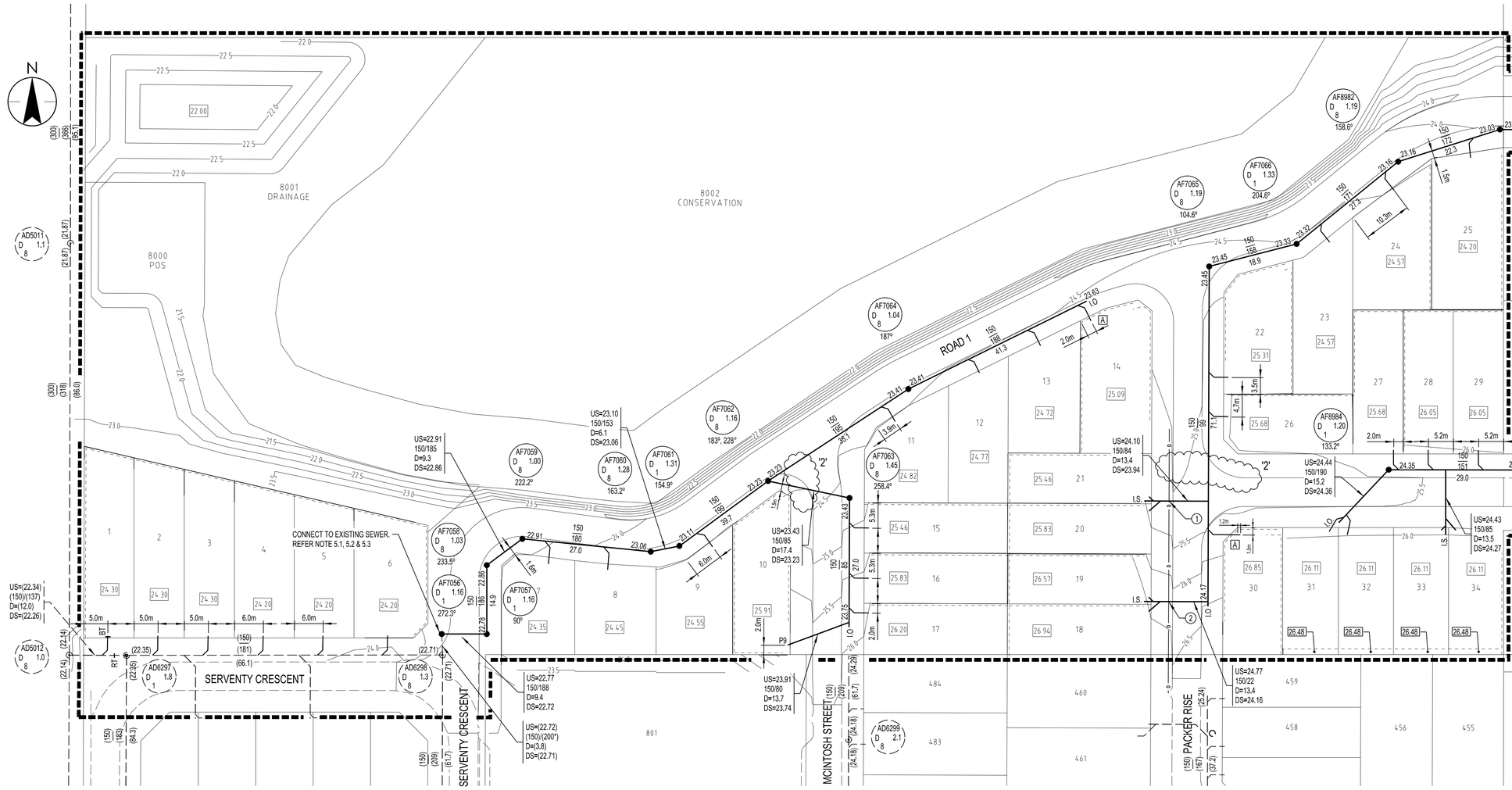
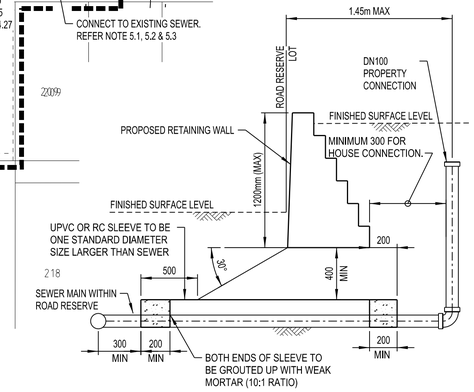


PLAN
SCALE 1:500



DETAIL A - CONNECTION UNDER RETAINING WALL
SCALE : DIAGRAMATIC

NOTES

1. GENERAL
1.1. CONTOUR INTERVAL IS 0.5m
1.2. LEVELS ARE REDUCED FROM A.H.D.
1.3. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE COMMON SERVICES, EARTHWORKS AND ROADWORKS DRAWINGS, THE SPECIFICATION AND APPLICABLE WATER CORPORATION STANDARD DRAWINGS FOR THESE WORKS.
1.4 WORKS TO BE IN ACCORDANCE WITH WATER CORPORATIONS DESIGN STANDARD 50 (DS50).

2. GROUND WATER LEVELS
2.1. FOR CONSTRUCTION PURPOSES THE TENDERER SHALL MAKE THEIR OWN ASSESSMENT OF GROUND WATER AND ITS LIKELY AFFECT ON THE WORKS AND MAKE ALL DUE ALLOWANCE IN THEIR LUMP SUM TENDER VALUE.

3. PIPEWORK
3.1 ALL MATERIALS AND PRODUCTS USED SHALL COMPLY WITH THE WATER CORPORATION'S STRATEGIC PRODUCTS REGISTER.
3.2. PIPES SHALL BE PVC-U, CLASS SN8, UNLESS OTHERWISE SHOWN.

4. ALIGNMENTS
4.1 ALL MAINS, ACCESS CHAMBERS AND INSPECTION OPENINGS SHALL BE LAID ON A 3.1m ALIGNMENT WITHIN ROAD RESERVES UNLESS OTHERWISE SHOWN.

5. EXISTING MAINS
5.1. THE INVERT LEVEL OF ALL EXISTING MAINS SHALL BE CHECKED BY THE CONTRACTOR BEFORE CONSTRUCTION COMMENCES.
5.2. CONTRACTOR TO LIAISE WITH WATER CORPORATION TO ISOLATE CONNECTION POINTS PRIOR TO CONNECTION TO EXISTING. ISOLATION BY WATER CORPORATION AND SHALL BE AT CONTRACTORS EXPENSE (PROVISIONAL SUM).
5.3 CONNECTIONS TO EXISTING SHALL BE COMPLETED BY WATER CORPORATION AT CONTRACTORS EXPENSE (PROVISIONAL SUM), CONTRACTOR SHALL ALLOW TO EXCAVATE, LOCATE, PROTECT, LIAISE WITH WATER CORPORATION, MANAGE TRAFFIC AND BACKFILL WITHIN THE LUMP SUM TENDER VALUE.

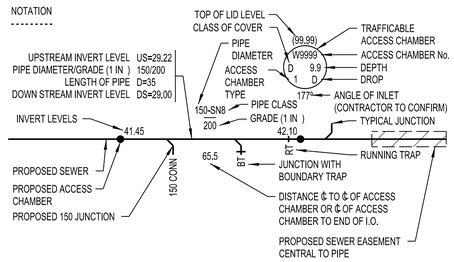
6. CONTRACTOR SHALL NOTIFY THE SUPERINTENDENT PRIOR TO CONSTRUCTION WHEN THE FOLLOWING COVER CANNOT BE OBTAINED:
6.1. 0.75m TO TOP OF SEWER WHERE NOT SUBJECT TO VEHICULAR TRAFFIC.
6.2. 1.0m IN ROAD RESERVE AND R.O.W.'s AND OR NOT LESS THAN 0.75m BELOW CROWN OF ROAD.
6.3. 1.5m WHERE DEVIATING FROM STANDARD ALIGNMENT IN A ROAD RESERVE AT AN ANGLE BETWEEN 45 AND 90 .

7. VEGETATION
7.1. THE CONTRACTOR SHALL LIMIT THE MOVEMENT OF EQUIPMENT AND MANPOWER TO THE MINIMUM AREA NECESSARY AND PROTECT ALL VEGETATION ON SITE.

8. PROPOSED JUNCTIONS
8.1. ALL JUNCTIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH WATER CORPORATION REQUIREMENTS.

0 5 10 25
1: 500 @A1
1: 1000 @A3

NOTATION



LEGEND

PROPOSED SEWERS	I.S.	STANDARD I.S.
EXISTING SEWERS	BT	BOUNDARY TRAP
STAGE BOUNDARY	RT	RUNNING TRAP
	P9	SEWER JUNCTION REFER WC MANUAL
FINISHED EARTHWORKED CONTOURS	10.79	PROPOSED PAD LEVEL
		RETAINING WALLS
	A	LOT CONNECTION TO BE BUILT IN ACCORDANCE WITH DETAIL A

DESIGN DATA

1. LOCAL AUTHORITY: CITY OF COCKBURN
2. TOTAL LENGTH OF SEWER:
   Ø150 PIPE - 462.74m
3. NUMBER OF ACCESS CHAMBERS : 5
4. NUMBER OF MAINTENANCE SHAFTS : 9
5. THE SITE IS CLASSIFIED AS A DRY SITE IN ACCORDANCE WITH THE SEWER DESIGN CRITERIA
6. NUMBER OF LOTS BEING SERVED : 34

SEWERAGE / DRAINAGE CLEARANCE TABLE

NUMBER	SEWERAGE	DRAINAGE	SIL	DIL	CLEAR
1	150	300	24.04	23.55	0.19
2	150	300	24.54	24.85	0.16

THIS PLAN IS ACCEPTED AS COMPLYING WITH OVERALL SCHEME PLANNING. COMPLIANCE WITH RELEVANT MANUALS REMAINS THE RESPONSIBILITY OF THE CONSULTING ENGINEER.
NO WORKS ARE TO COMMENCE ON SITE UNTIL STARTUP ARRANGEMENTS HAVE BEEN MADE WITH THE RELEVANT WORKS INSPECTOR. SEE DEVELOPER'S MANUAL FOR CONTACT DETAILS.

FOR: MANAGER
LAND SERVICING

NZ96-203-001-01C

FILE No: 138182594

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Notes

2	DRAINAGE PIPE REMOVED, SIL & DIL AMENDED	MCM	MJD	2023.11.17
1	SEWER REDESIGNED	MCM	MJD	2023.09.28
0	CONSTRUCTION ISSUE	MCM	MJD	2023.08.24
D	WATER CORP INFO ADDED	MCM	MJD	2023.07.17
C	ALL SEWER DESIGN AMENDED	MCM	MJD	2023.06.13
B	GENERAL DESIGN AMENDMENTS	MCM	MJD	2022.06.27
A	ORIGINAL ISSUE	MCM	MJD	2022.06.03
Issued/Revision		By	Appd	YYYY.MM.DD

Issue Status

CONSTRUCTION

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Notes

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Client/Project Logo

Client/Project
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HAMMOND HEIGHTS
LOT 9008 FRANKLAND AVE

File Name: c Plan Sewerage.dgn

Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

Title
SEWERAGE RETICULATION PLAN

Project No.	WAPC No.	Scale
36575	160918	1: 500

Revision 2
Drawing No. **CI-300-WW-P1**

Plotted: 2023/11/17 3:21:13 PM
U:\36575\PROJECT DOCUMENTATION\CIVIL\DRAWINGS & DESIGN\
ORIGINAL SHEET - ISO A1 COORD - PCG84 DATUM - mAHD