

The map shows the Wyndham area with the Wyndham River flowing through it. A hatched area is labeled 'SITE OF WORKS' with an arrow pointing to it. The area is bounded by Greens Lane to the north and Armstrong Road to the east. Other streets shown include Lamington Road, Wyndham Road, and Black Forest Road. A proposed railway station is indicated near the river. The map also shows various residential streets and a bus stop.



FOR THE DURATION OF PROCLAIMED WATER RESTRICTIONS, THE CONTRACTOR SHALL CONFORM WITH THE RESTRICTIONS AND ANY OTHER WATER CONSERVATION REQUIREMENTS IMPOSED BY THE WATER AGENCY.

BEWARE OF UNDERGROUND SERVICES
THE LOCATION OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

BEWARE OF ASBESTOS
SOME UNDERGROUND SERVICES MAYBE
CONSTRUCTED FROM ASBESTOS CONTAINING
MATERIAL. CONTACT THE SUPERINTENDENT FOR
INSTRUCTIONS ON HOW TO MANAGE ANY POTENTIAL
ASBESTOS HAZARD

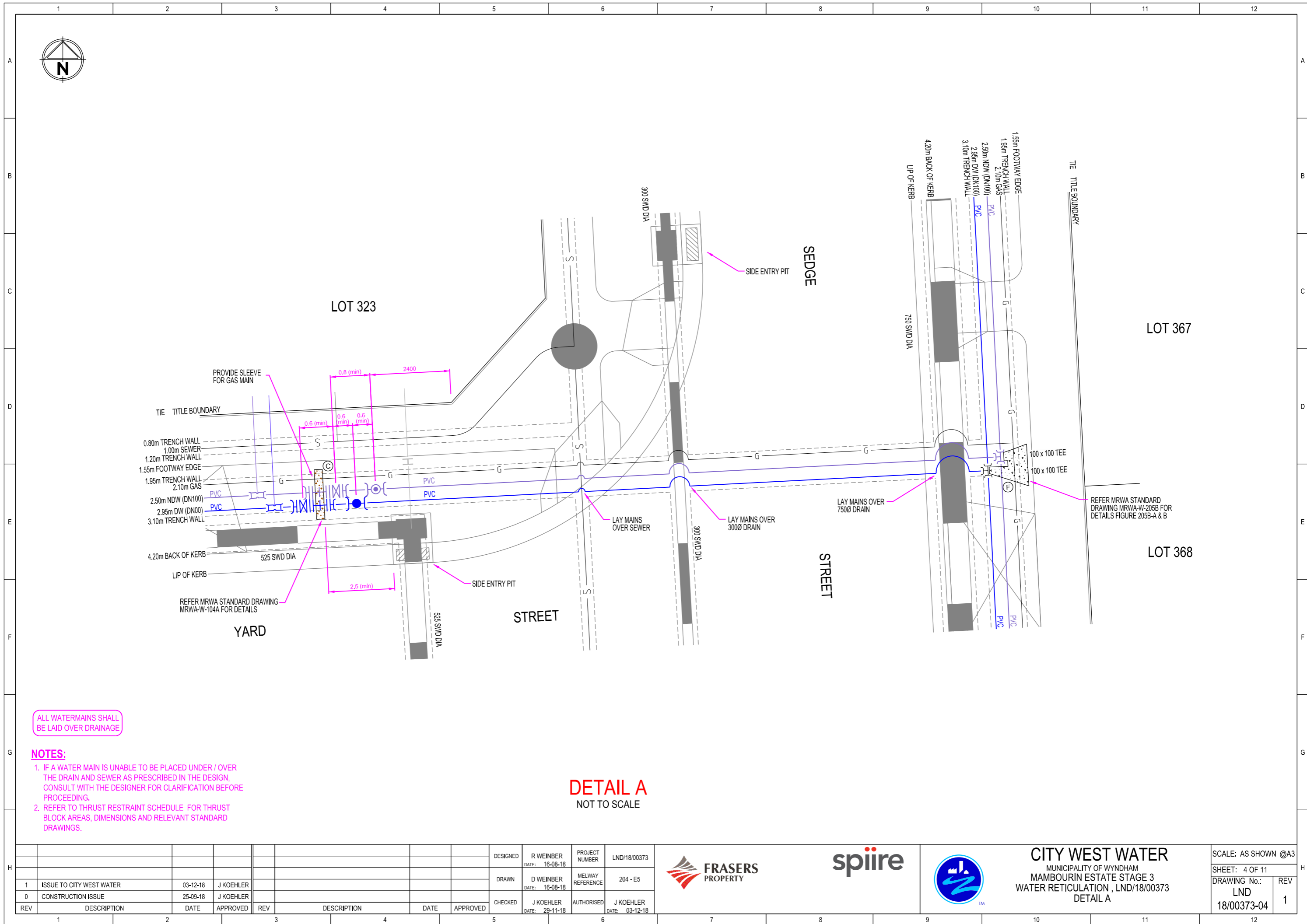
SHEET No.	VER	DESCRIPTION
1.	2	FACE SHEET
2.	1	DETAIL PLAN - SHEET 1
3.	1	DETAIL PLAN - SHEET 2
4.	1	DETAIL - A
5.	1	DETAIL - B
6.	1	DETAIL - C
7.	1	DETAIL - D
8.	1	DETAIL - E
9.	1	DETAIL - F
10.	1	DETAIL - G
11.	1	DETAIL - H

H							
	2	SERVICE OFFSET TABLE UPDATED	17-04-19	J KOEHLER			
	1	ISSUE TO CITY WEST WATER	03-12-18	J KOEHLER			
	0	CONSTRUCTION ISSUE	25-09-18	J KOEHLER			
	REV	DESCRIPTION	DATE	APPROVED	REV	DESCRIPTION	DATE
	1	2		3	4		

LOCATION	REQUIRED COVER (mm)
FOOTWAY	450
CARRIAGEWAY, MINOR/SECONDARY ROADS	600

Location	Type	Thrust	AHPB USED (kPa)	Area (m ²), or W(m) x Y(m)	Quantity
A	IN LINE	2 x DN100 6" BEND	50	0.60 (tot)	1
B	IN LINE	2 x DN100 PE THERMAL SHRINKAGE	50	1.04 (tot)	2
C	IN LINE	2 x DN100 VALVES	50	0.64 (tot)	3
D	IN LINE	2 x DN100 VALVES + (PE THERMAL SHRINKAGE)	50	1.39 (tot)	3
E	PLAIN	2 x DN100 WASHOUT	50	0.63 (tot)	2
F	PLAIN	2 x DN100 x DN100 TEE	50	0.63 (tot)	3
G	INLINE	2 x DN225 VALVES	50	2.85 (tot)	4
H	INLINE	2 x DN225 PE THERMAL SHRINKAGE	50	5.19 (tot)	2
J	PLAIN	2 x DN225 CHLORINATION	50	2.85 (tot)	3
K	PLAIN	2 x DN225 x DN100 TEE	50	1.64 (tot)	2
L	PLAIN	2 x DN225 x DN150 TEE	50	2.85 (tot)	1
M	PLAIN	2 x DN150 WASHOUT	50	1.01 (tot)	1
N	PLAIN	2 x DN100 11.25" BEND	50	0.60 (tot)	1
O	PLAIN	2 x DN225 VALVES + (PE THERMAL SHRINKAGE)	50	6.92 (tot)	1

DRAWING No.: LND 18/00373-01	REV 2
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ALL WATERMAINS SHALL
BE LAID OVER DRAINAGE

- NOTES:**
1. IF A WATER MAIN IS UNABLE TO BE PLACED UNDER / OVER THE DRAIN AND SEWER AS PRESCRIBED IN THE DESIGN, CONSULT WITH THE DESIGNER FOR CLARIFICATION BEFORE PROCEEDING.
 2. REFER TO THRUST RESTRAINT SCHEDULE FOR THRUST BLOCK AREAS, DIMENSIONS AND RELEVANT STANDARD DRAWINGS.

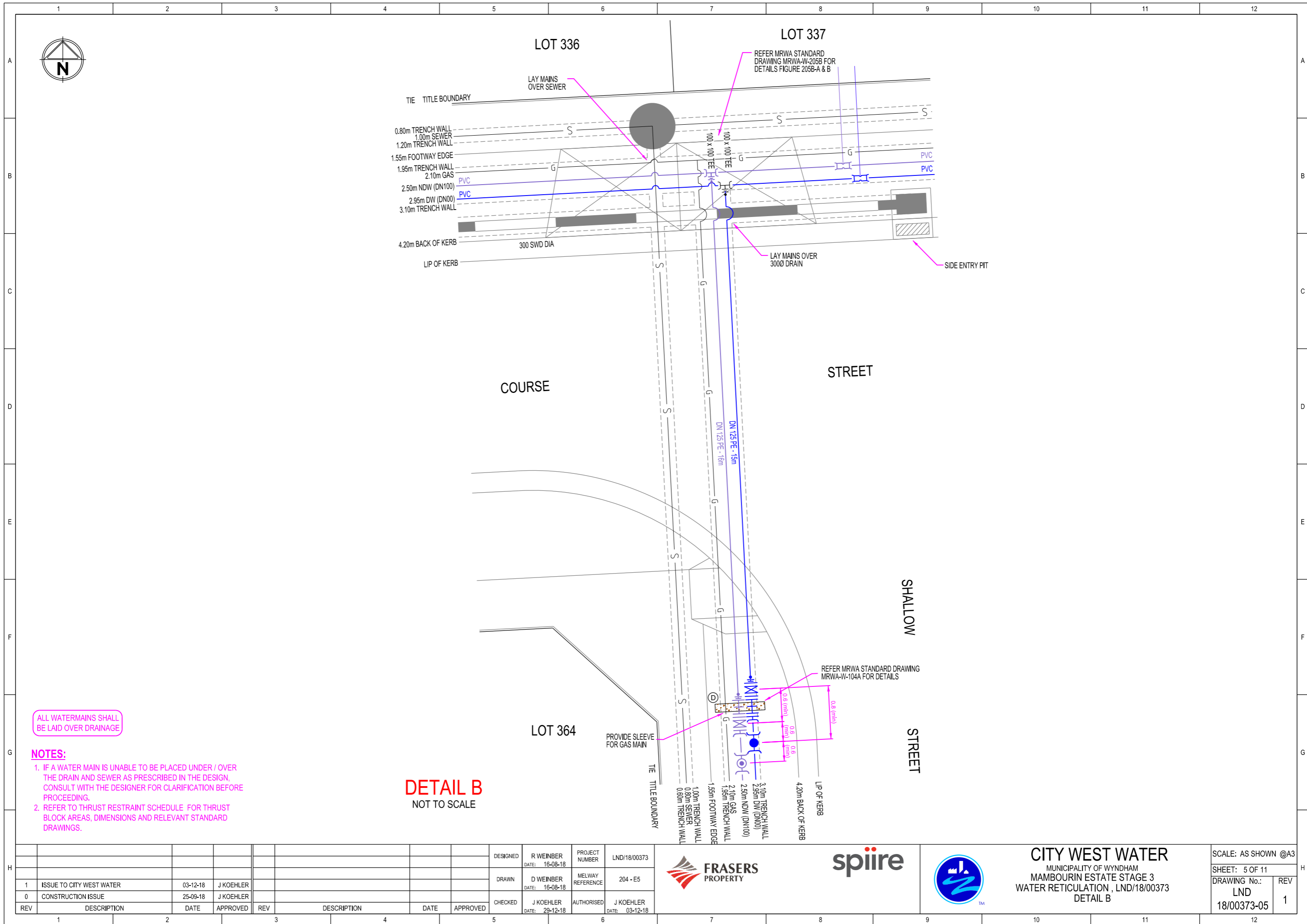
DETAIL A
NOT TO SCALE

DESIGNED	R WEINBER	PROJECT NUMBER	LND/18/00373
DATE:	16-08-18	MELWAY REFERENCE	204 - E5
DRAWN	D WEINBER	AUTHORISED	J KOEHLER
DATE:	16-08-18	DATE:	03-12-18
CHECKED	J KOEHLER	DATE:	29-11-18
DATE:	29-11-18		
REV	DESCRIPTION	DATE	APPROVED
1	ISSUE TO CITY WEST WATER	03-12-18	J KOEHLER
0	CONSTRUCTION ISSUE	25-09-18	J KOEHLER



CITY WEST WATER
MUNICIPALITY OF WYNDHAM
MAMBOURIN ESTATE STAGE 3
WATER RETICULATION, LND/18/00373
DETAIL A

SCALE: AS SHOWN @A3
SHEET: 4 OF 11
DRAWING No.: LND
18/00373-04
REV 1



ALL WATERMAINS SHALL
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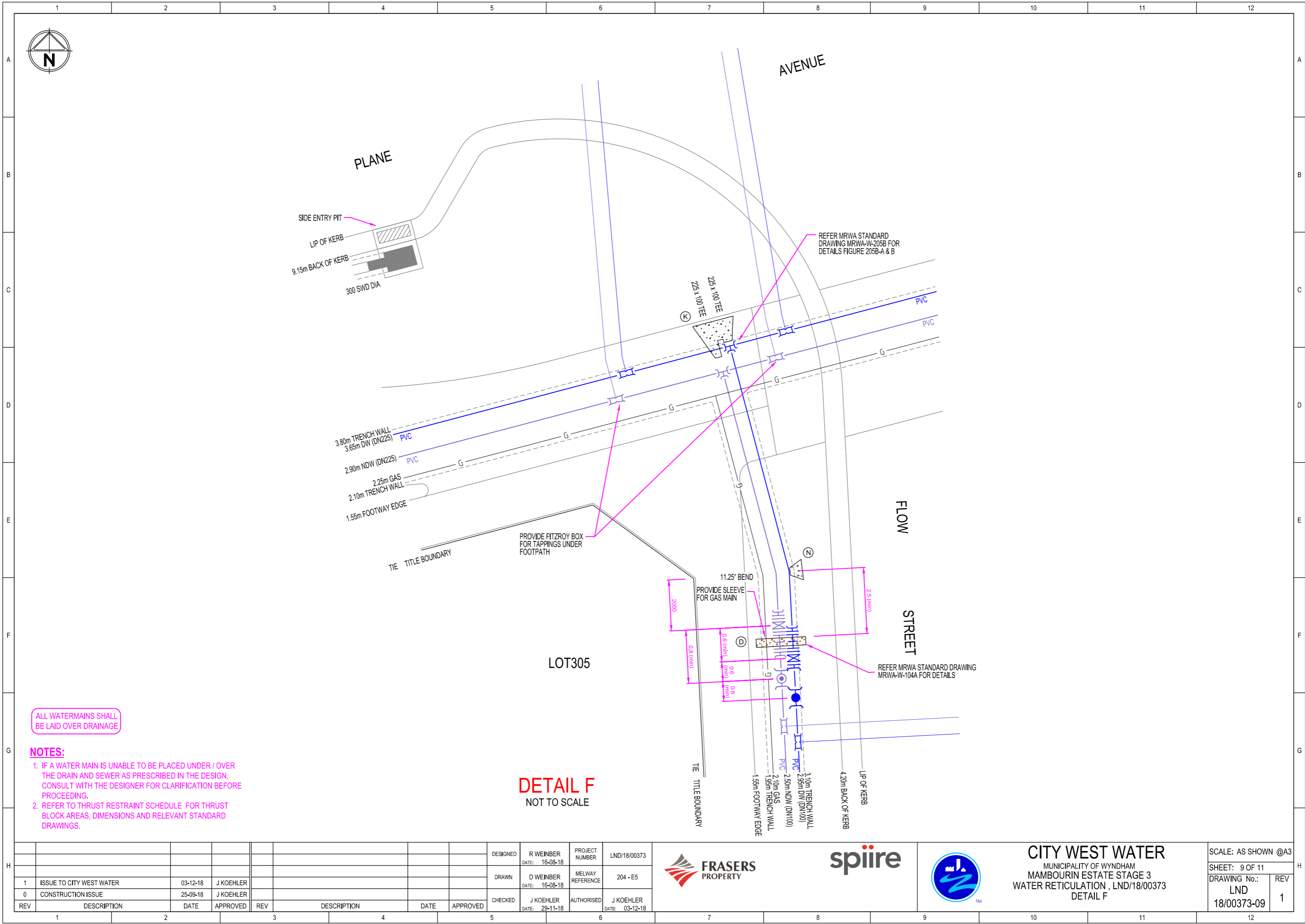
DETAIL B
NOT TO SCALE

DESIGNED	R WEINBER	DATE: 16-08-18	PROJECT NUMBER	LND/18/00373
DRAWN	D WEINBER	DATE: 16-08-18	MELWAY REFERENCE	204 - E5
CHECKED	J KOEHLER	DATE: 29-12-18	AUTHORISED	J KOEHLER
DATE: 03-12-18				
REV	DESCRIPTION	DATE	APPROVED	REV
1	ISSUE TO CITY WEST WATER	03-12-18	J KOEHLER	
0	CONSTRUCTION ISSUE	25-09-18	J KOEHLER	



CITY WEST WATER
MUNICIPALITY OF WYNDHAM
MAMBOURIN ESTATE STAGE 3
WATER RETICULATION, LND/18/00373
DETAIL B

SCALE: AS SHOWN @A3
SHEET: 5 OF 11
DRAWING No.: LND
18/00373-05
REV 1



ALL WATERMAINS SHALL
BE LAID OVER DRAINAGE

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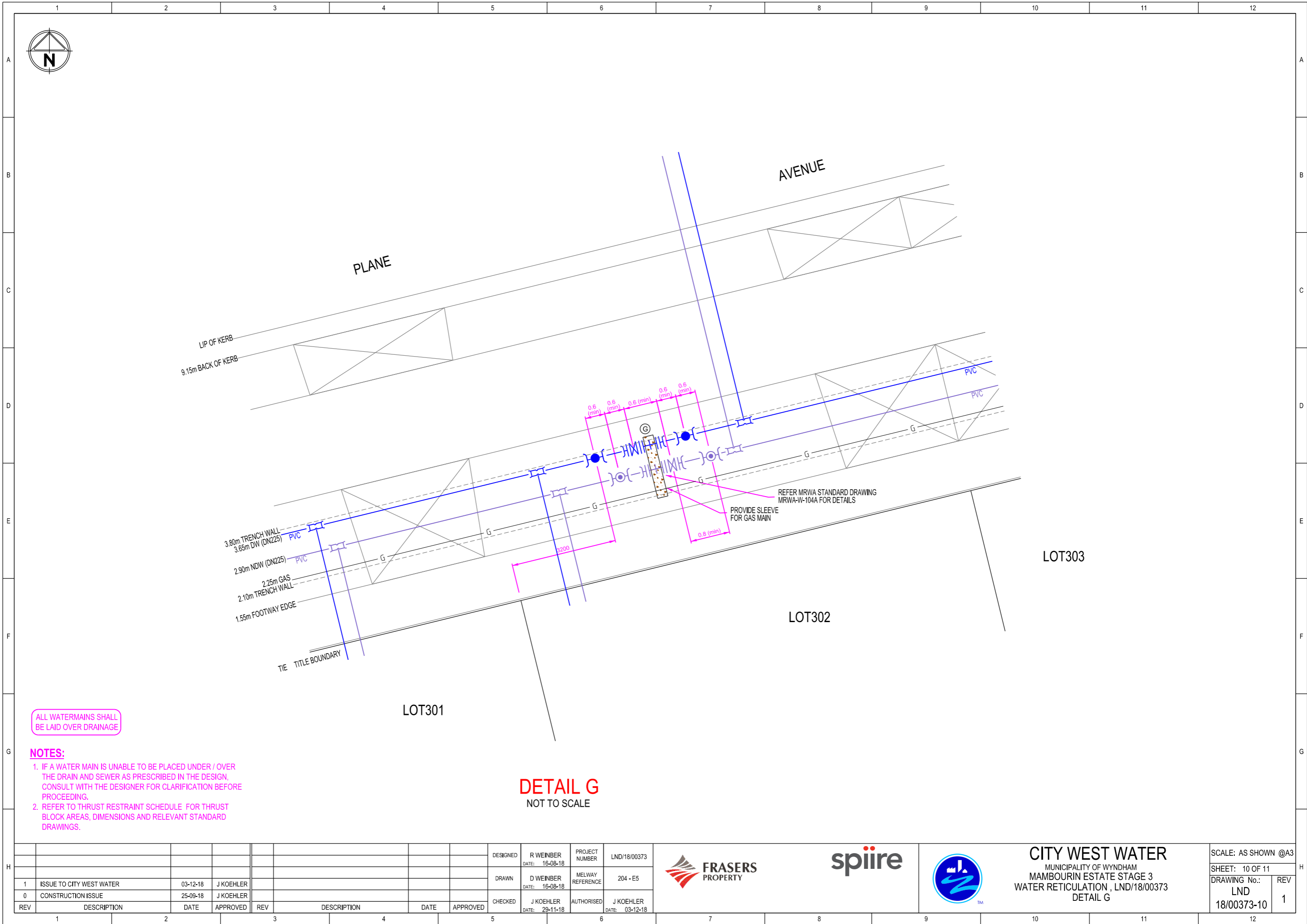
DETAIL F
NOT TO SCALE

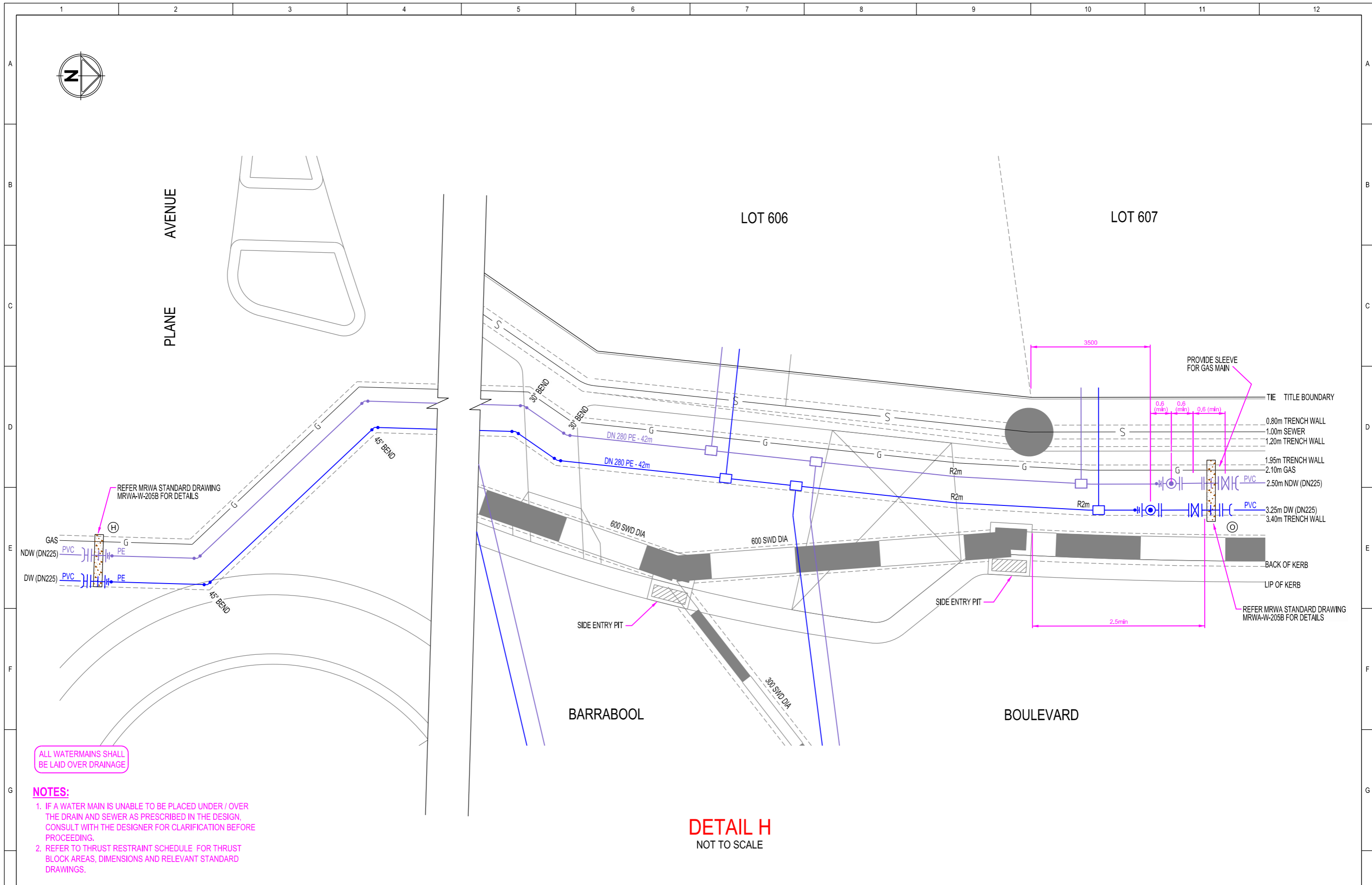
DESIGNED	R WEINBER	PROJECT NUMBER	LND/18/00373
DATE:	16-08-18	MELWAY REFERENCE	204 - E5
DRAWN	D WEINBER	AUTHORISED	J KOEHLER
DATE:	16-08-18	DATE:	03-12-18
CHECKED	J KOEHLER		
DATE:	29-11-18		
REV	DESCRIPTION	DATE	APPROVED
1	ISSUE TO CITY WEST WATER	03-12-18	J KOEHLER
0	CONSTRUCTION ISSUE	25-09-18	J KOEHLER



CITY WEST WATER
MUNICIPALITY OF WYNDHAM
MAMBOURIN ESTATE STAGE 3
WATER RETICULATION, LND/18/00373
DETAIL F

SCALE: AS SHOWN @A3
SHEET: 9 OF 11
DRAWING No.: LND
18/00373-09
REV
1





				DESIGNED	R WEINBER	PROJECT NUMBER	LND/18/00373				
				DATE:	16-08-18						
				DRAWN	D WEINBER	MELWAY REFERENCE	204 - E5				
				DATE:	16-08-18						
				CHECKED	J KOEHLER	AUTHORISED	J KOEHLER				
				DATE:	28-11-18	DATE:	03-12-18				
REV	DESCRIPTION	DATE	APPROVED	REV	DESCRIPTION	DATE	APPROVED				
1	ISSUE TO CITY WEST WATER	03-12-18	J KOEHLER								
0	CONSTRUCTION ISSUE	25-09-18	J KOEHLER								

FRASERS
PROPERTY

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CITY WEST WATER

MUNICIPALITY OF WYNDHAM

MAMBOURIN ESTATE STAGE 3

WATER RETICULATION, LND/18/00373

DETAIL H

SCALE: AS SHOWN @A3

SHEET: 11 OF 11

DRAWING No.: LND 18/00373-11

REV 1