

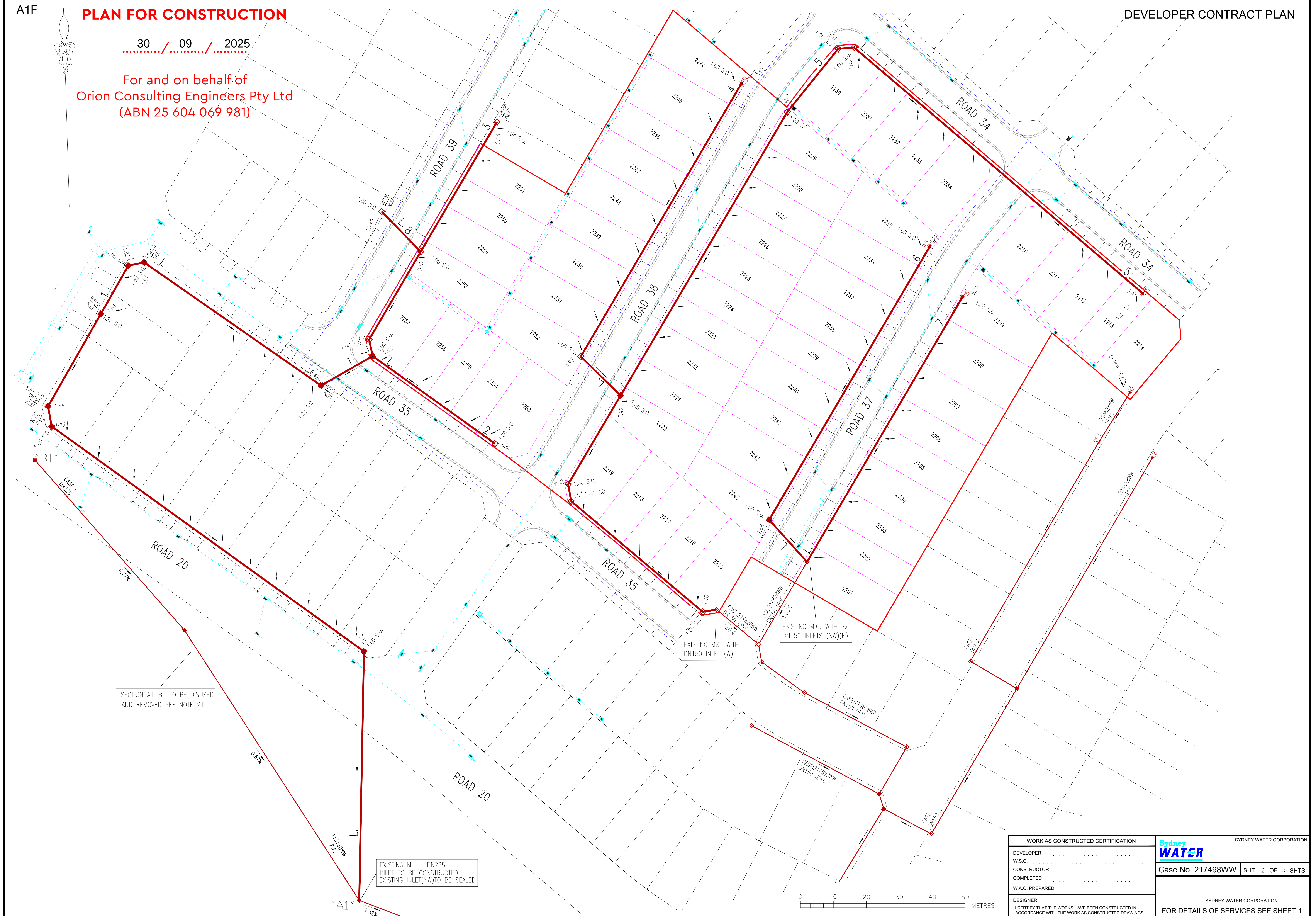
A1F

PLAN FOR CONSTRUCTION

30 / 09 / 2025

For and on behalf of
Orion Consulting Engineers Pty Ltd
(ABN 25 604 069 981)

DEVELOPER CONTRACT PLAN



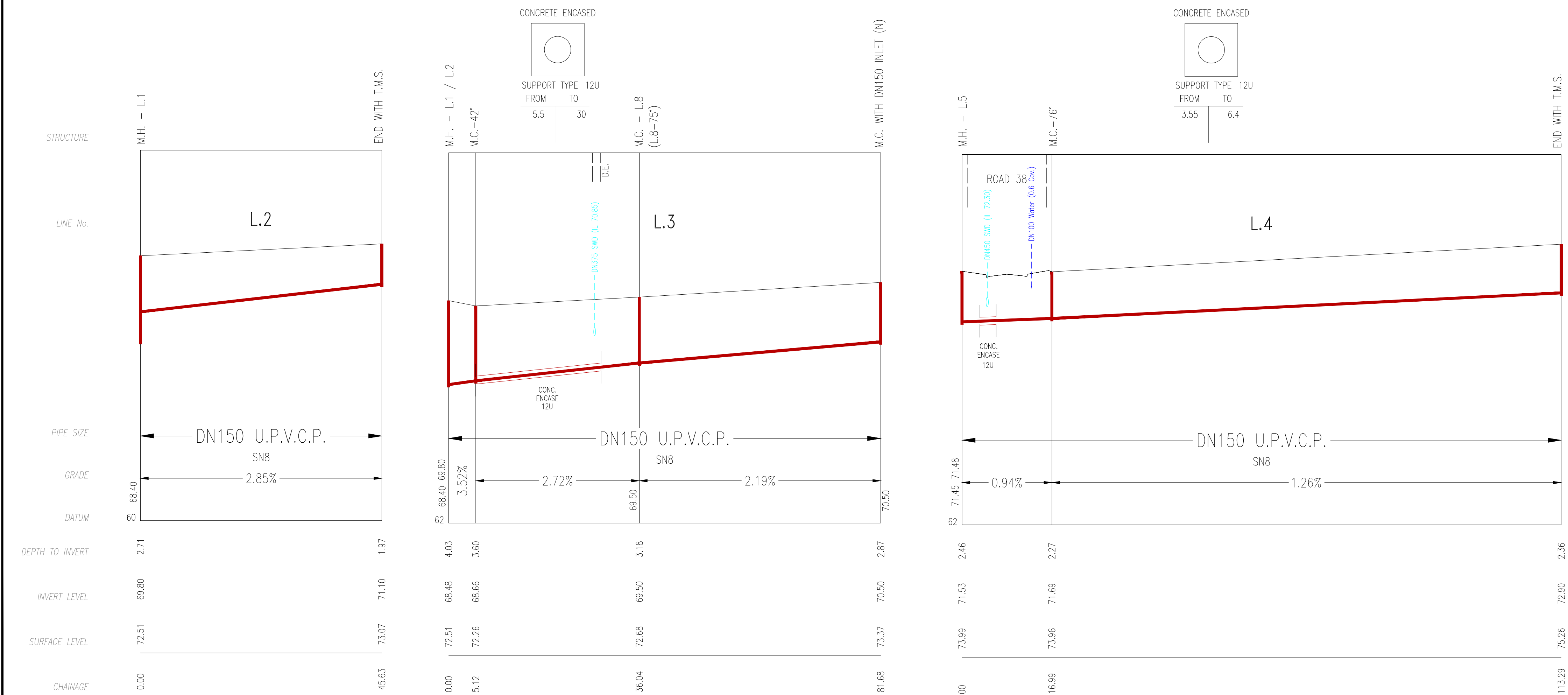
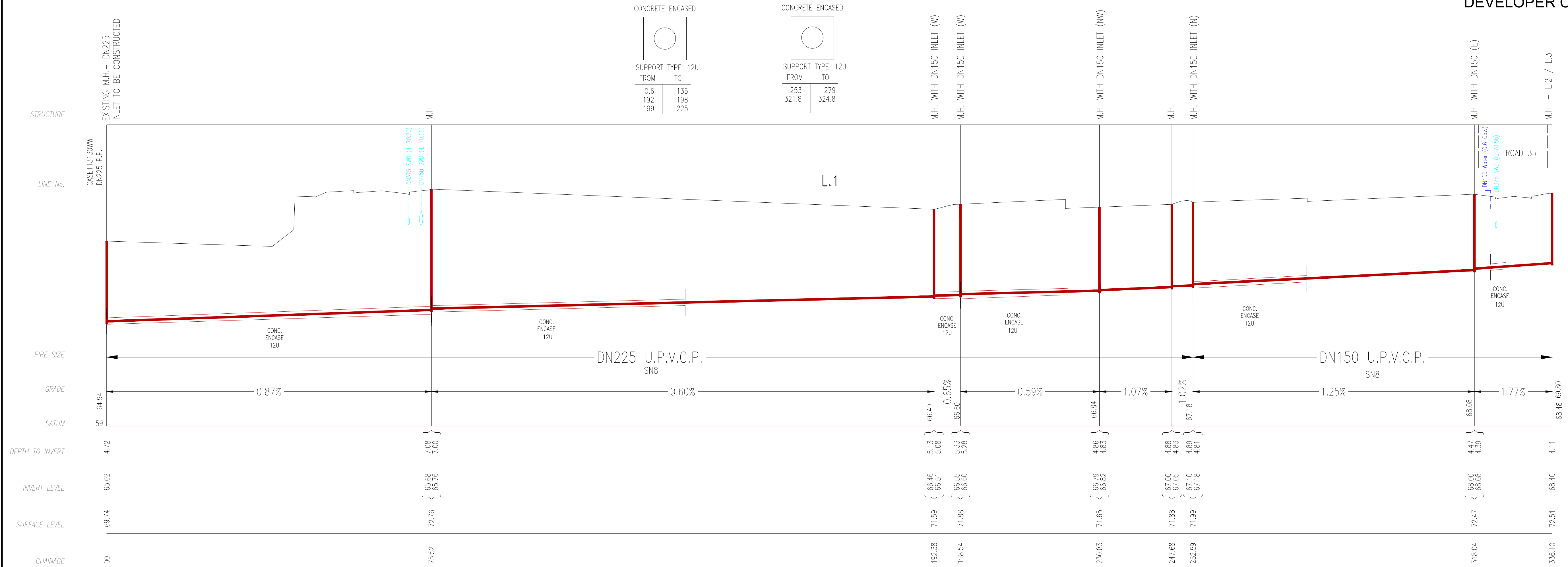
PLAN DRAWN DATE: 29.08.2025
VERSION: 2
SHEET 2 OF

5		
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 SHEETS

A1F

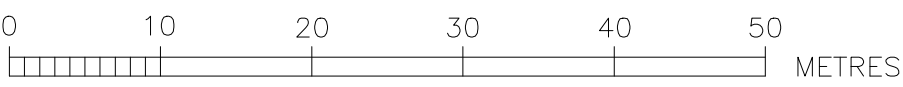
DEVELOPER CONTRACT PLAN



PLAN FOR CONSTRUCTION

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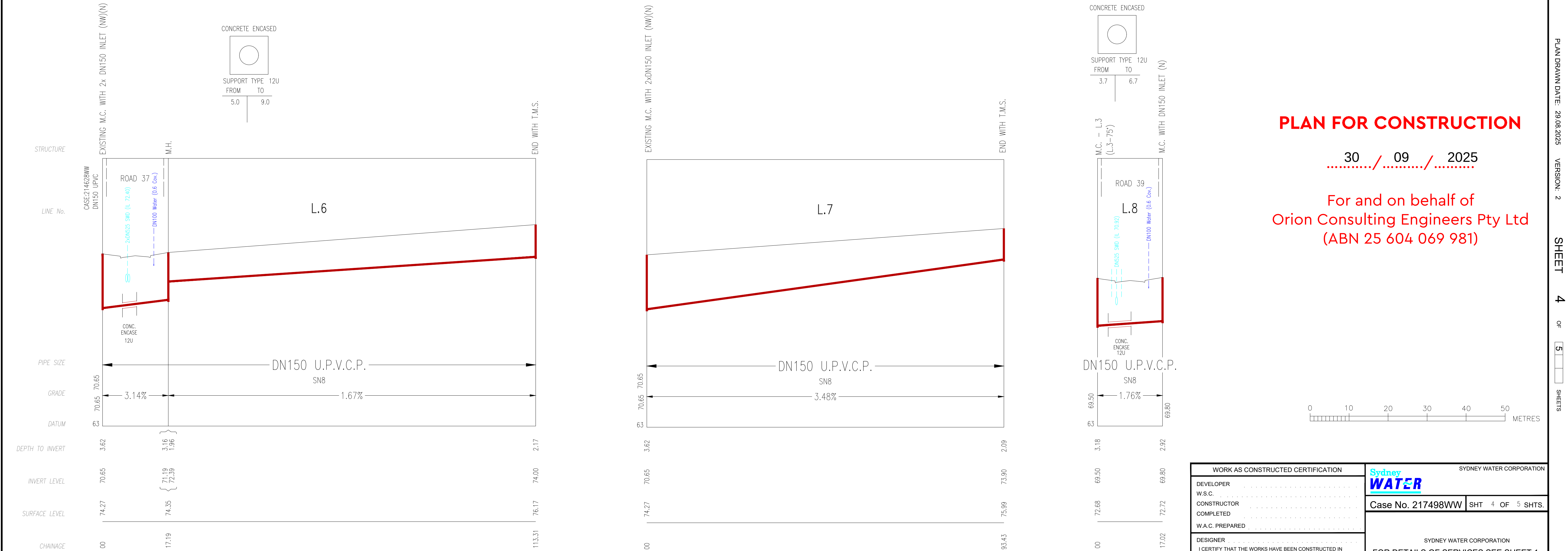
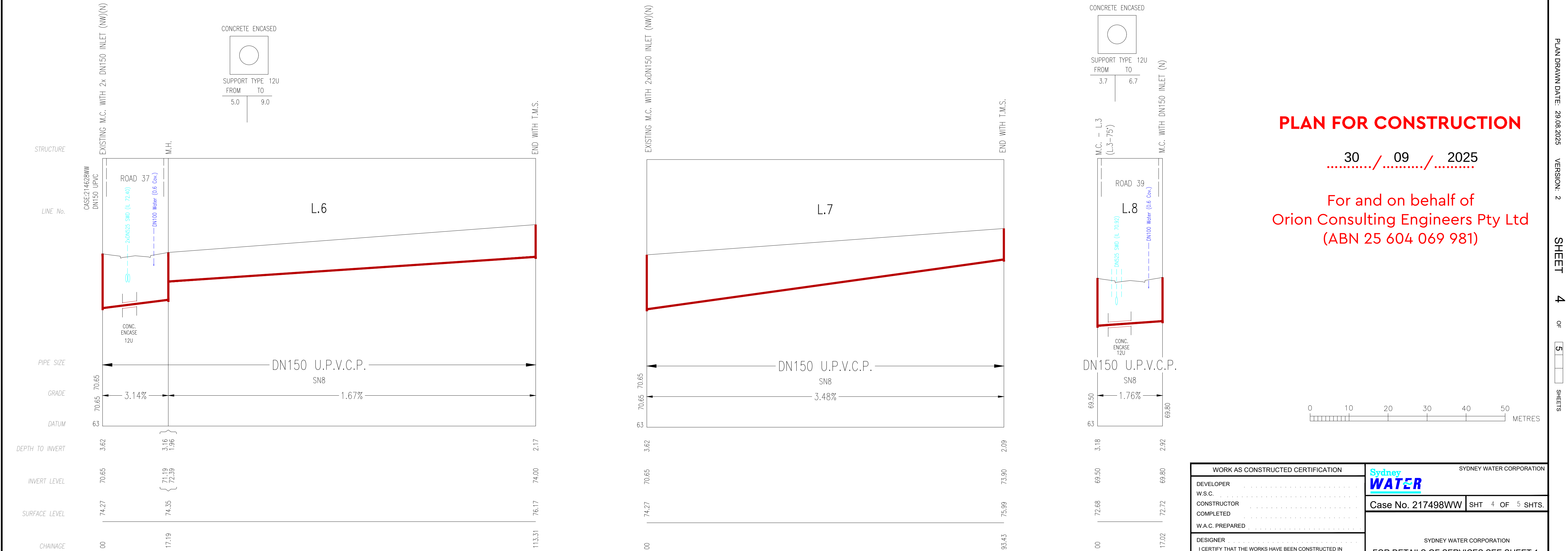
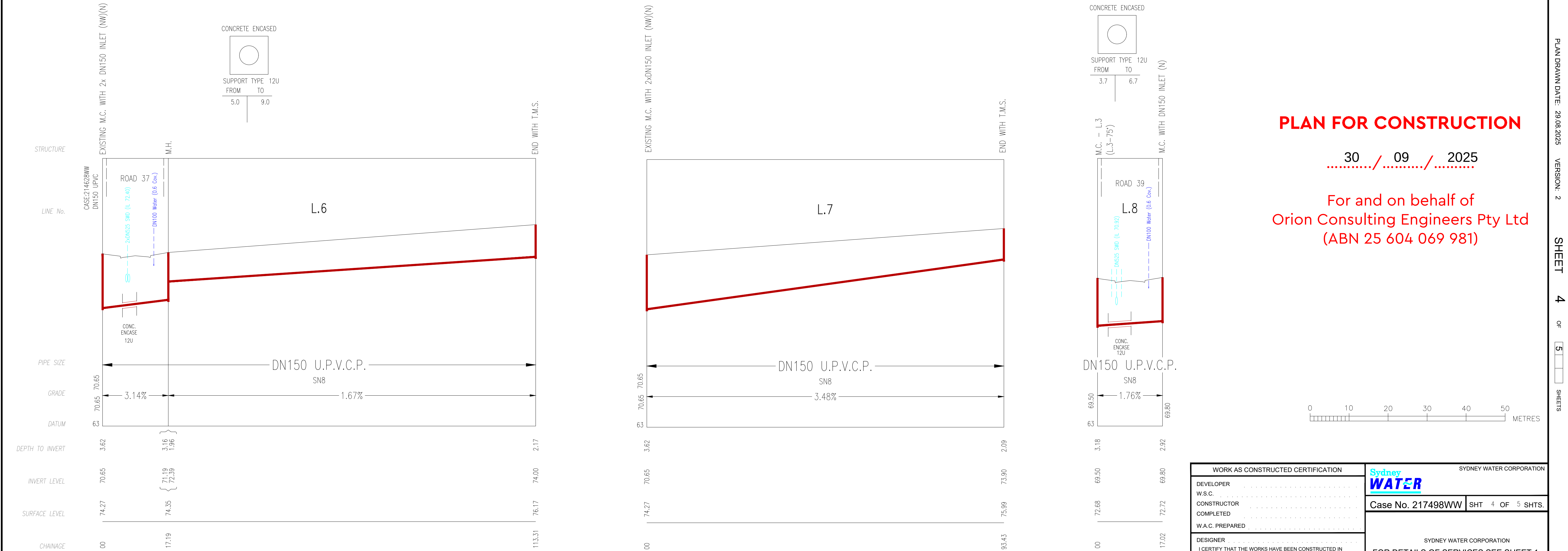
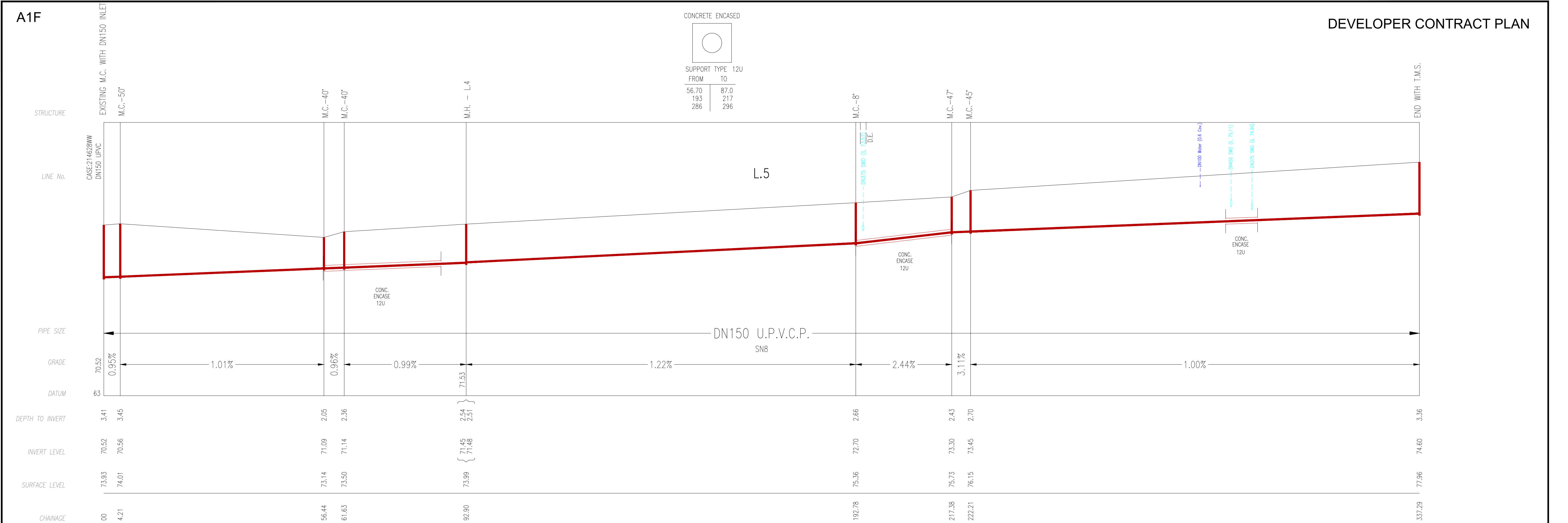
WORK AS CONSTRUCTED CERTIFICATION		 SYDNEY WATER CORPORATION	
DEVELOPER W.S.C. CONSTRUCTOR COMPLETED W.A.C. PREPARED		Case No. 217498WWW	SHT 3 OF 5 SHTS.
DESIGNER I CERTIFY THAT THE WORKS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE WORK AS CONSTRUCTED DRAWINGS		SYDNEY WATER CORPORATION FOR DETAILS OF SERVICES SEE SHEET 1	

SEWERAGE MAIN

END WITH T.M.S.

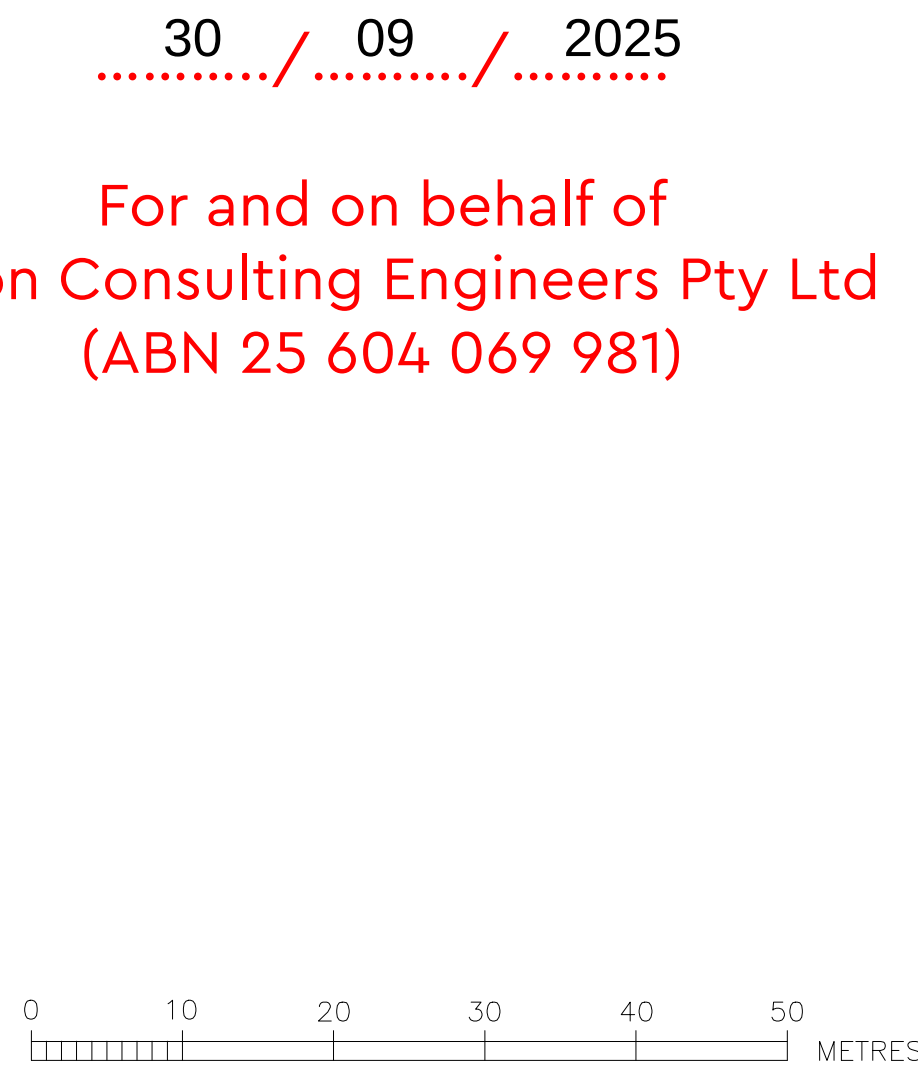
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10 20 30 40 50 METRE



30 / 09 / 2025

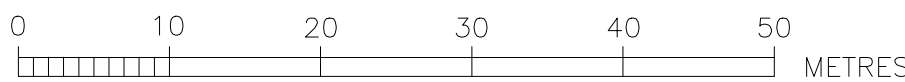
30 / 09 / 2025



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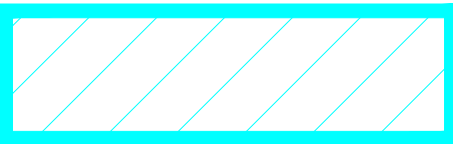
For and on behalf of
Orion Consulting Engineers Pty Ltd
(ABN 25 604 069 981)



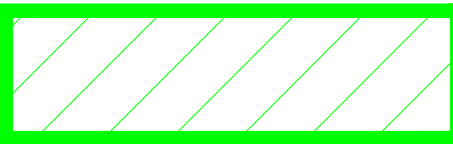
WORK AS CONSTRUCTED CERTIFICATION	 SYDNEY WATER CORPORATION
DEVELOPER W.S.C.	Case No. 217498WWW SHT 4 OF 5 SHTS.
CONSTRUCTOR COMPLETED	
W.A.C. PREPARED	
DESIGNER I CERTIFY THAT THE WORKS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE WORK AS CONSTRUCTED DRAWINGS	SYDNEY WATER CORPORATION FOR DETAILS OF SERVICES SEE SHEET 1

30 / 09 / 2025

For and on behalf of
Orion Consulting Engineers Pty Ltd
(ABN 25 604 069 981)



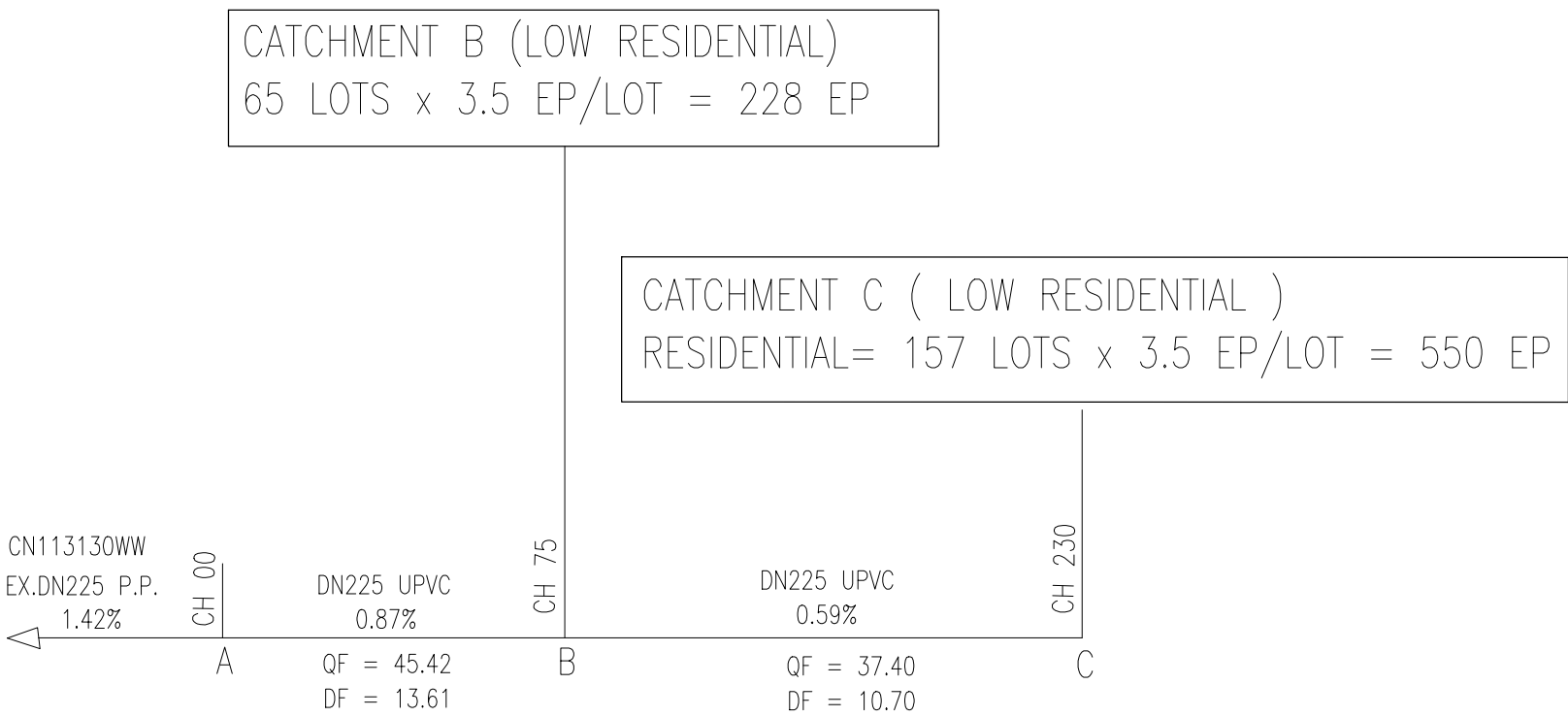
CATCHMENT B



CATCHMENT C



CATCHMENT PLAN
(NOT TO SCALE)



FLOW DIAGRAM – L1 (A–C)

SUMMARY																					
Section	Line No	Chainage	Pipe Status	Total Area	Total Gravity	Total Grav + Pump	Pipe Material	Pipe Size	Pipe Size (ID)	Pipe Grade	Design Flow (DF)	Actual PDWF	Qf (Capacity)	Velocity @ Qf	Velocity @ PDWF	SHEAR STRESS	Grade Check	Max EP Check	Self Cleansing	Slime Control	Capacity Check
		m		Ha	EP	EP		mm	mm	%	L/s	L/s	L/s	m/s	m/s	Pa		for dia <=300			
B-A	1	75-00	new	11.71	777	777	PVC-UPN16	225	231	0.87	13.61	4.54	45.42	1.03	0.70	2.51		RETIC 2781EP MAX	Self Cleansing OK	NA - Reticulation	Capacity OK
C-B	1	230-75	new	9.05	550	550	PVC-UPN16	225	231	0.59	10.70	3.57	37.40	0.90	0.56	1.67		RETIC 2162EP MAX	Self Cleansing OK	NA - Reticulation	Capacity OK

WORK AS CONSTRUCTED CERTIFICATION		Sydney WATER		SYDNEY WATER CORPORATION	
DEVELOPER		Case No. 217498WW		SHT 5 OF 5 SHTS.	
W.S.C.					
CONSTRUCTOR					
COMPLETED					
W.A.C. PREPARED					
DESIGNER		SYDNEY WATER CORPORATION			
I CERTIFY THAT THE WORKS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE WORK AS CONSTRUCTED DRAWINGS		FOR DETAILS OF SERVICES SEE SHEET 1			