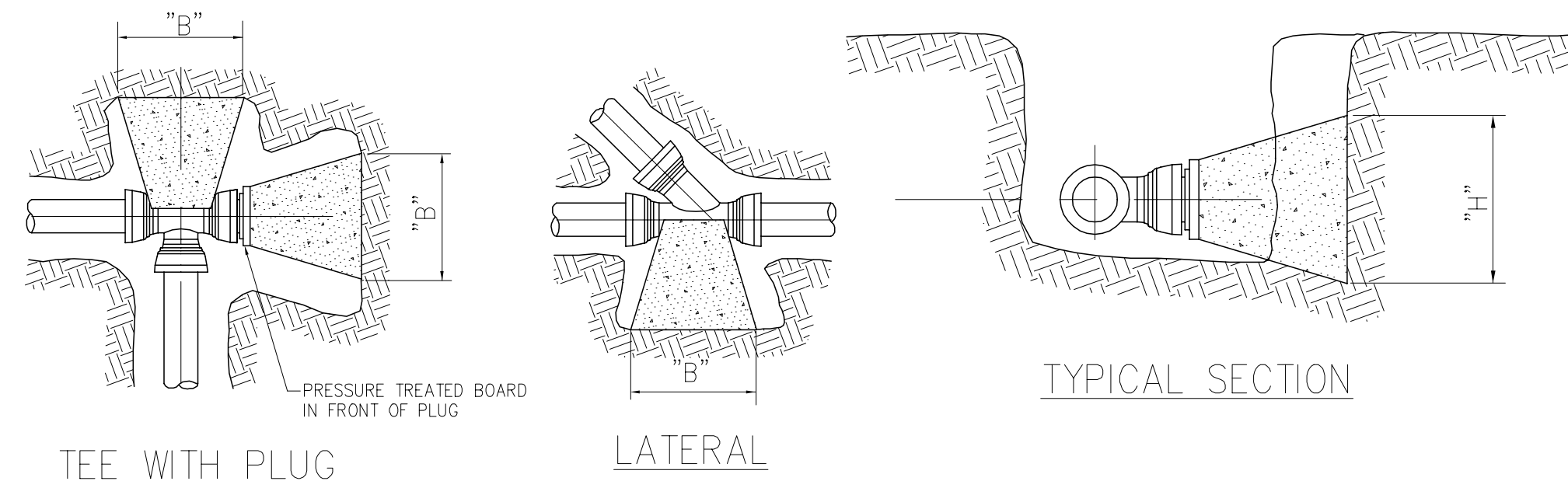
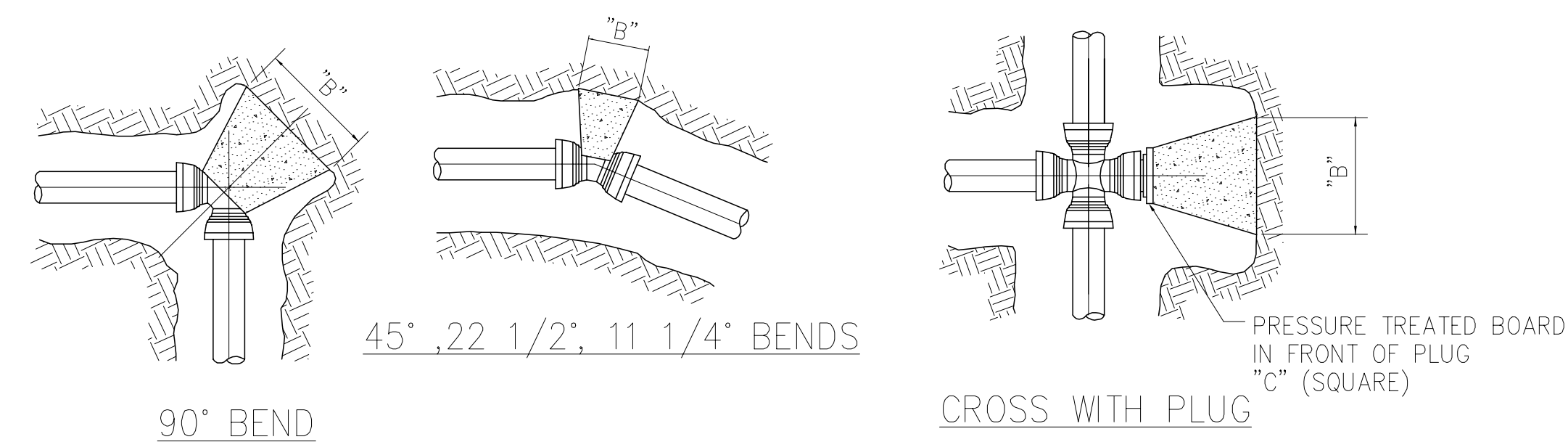
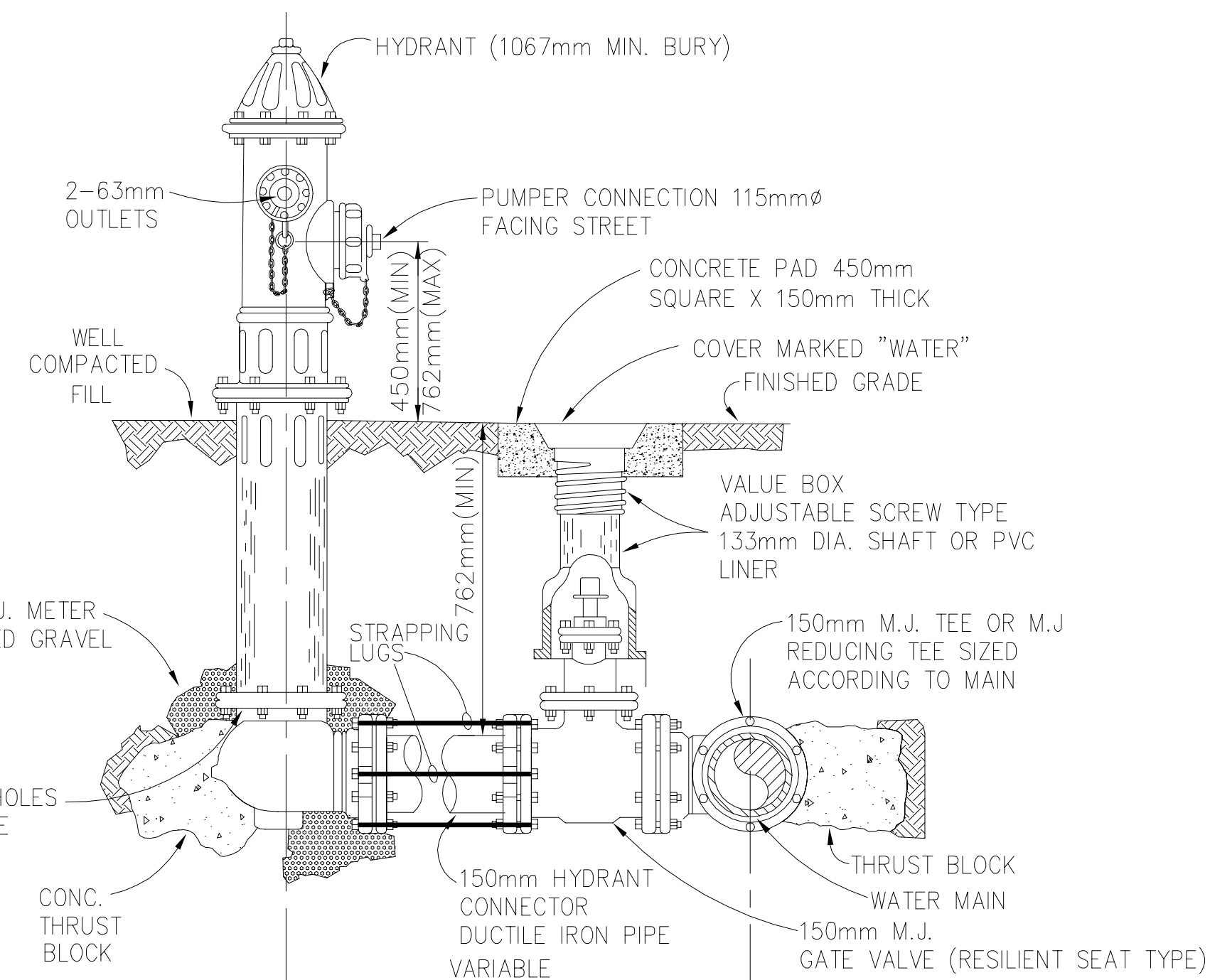


REVISIONS				
SYM	DESCRIPTION	PREPARED BY	DATE	APPROVED

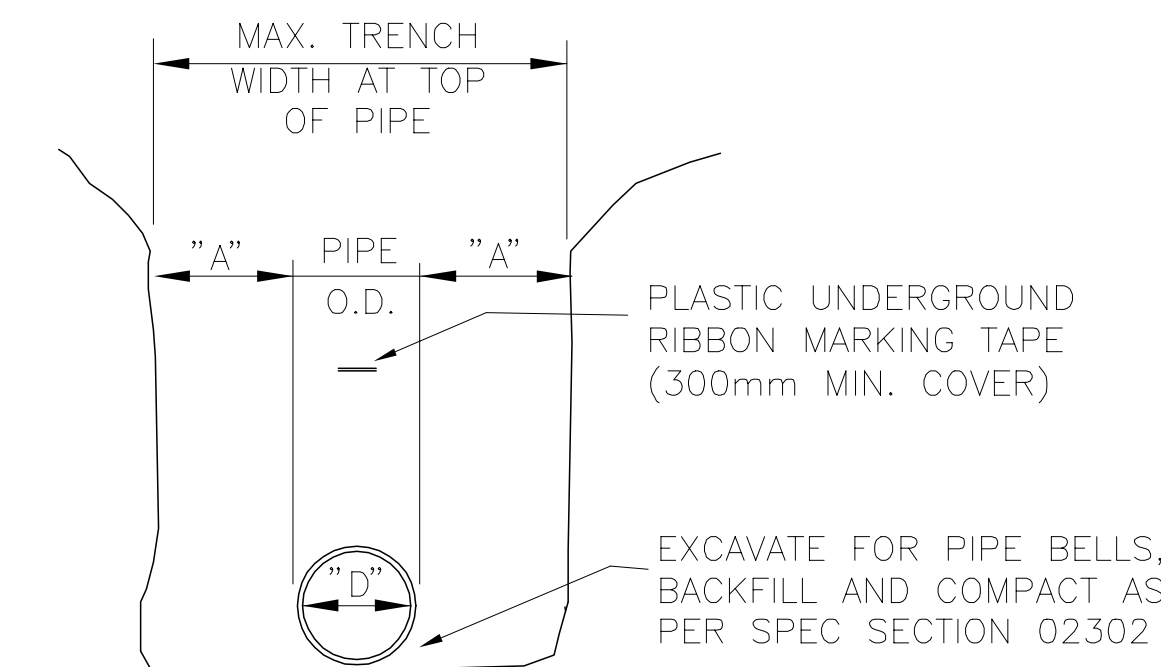
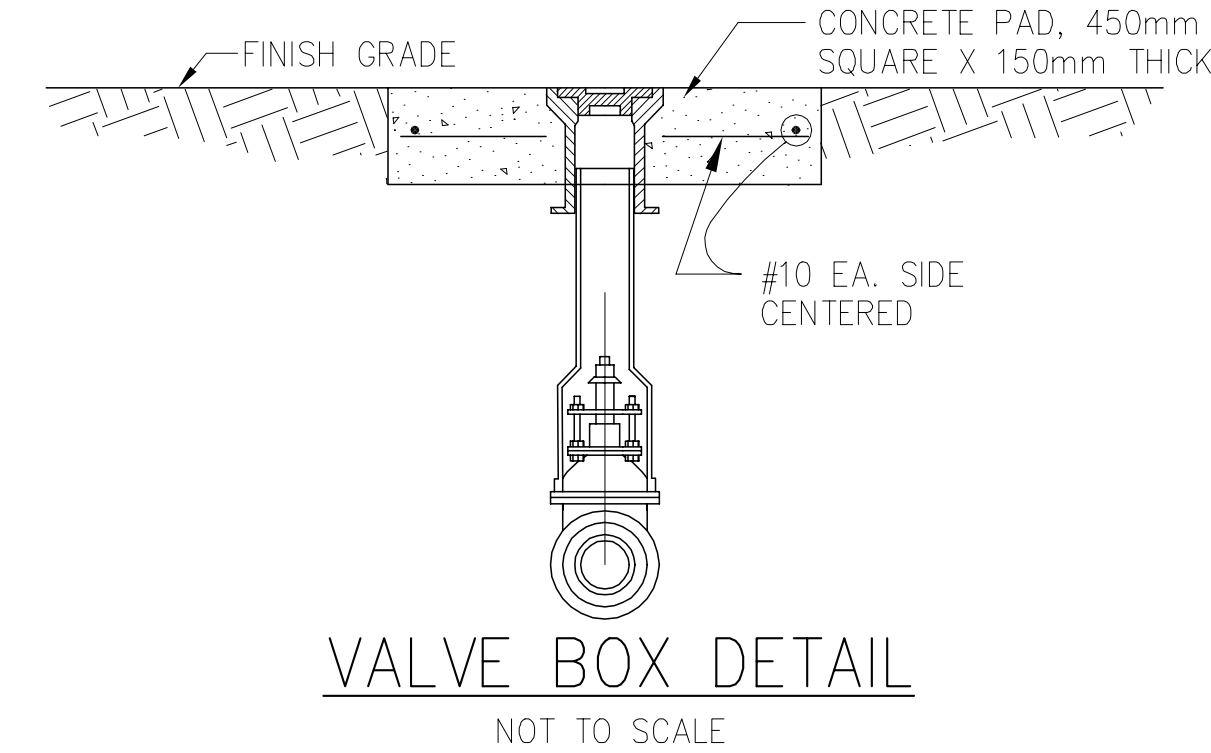


THRUST BLOCK DIMENSION TABLE															
SOIL BEARING 95KPa—TEST PRESSURE 1.4MPa															
PIPE SIZE	90° BEND			45° BEND & WYE			22 1/2° BEND			11 1/4° BEND			TEE		
	H	B	COV.	H	B	COV.	H	B	COV.	H	B	COV.	H	B	COV.
150	356	1575	762	356	864	762	356	432	762	356	230	762	356	1120	762
200	457	2160	762	457	1170	762	457	610	762	457	305	762	457	1525	762
250	510	3051	762	510	1651	762	510	838	762	510	431	762	510	2159	762
300	610	3657	762	610	1981	762	610	1016	762	610	510	762	610	2590	762



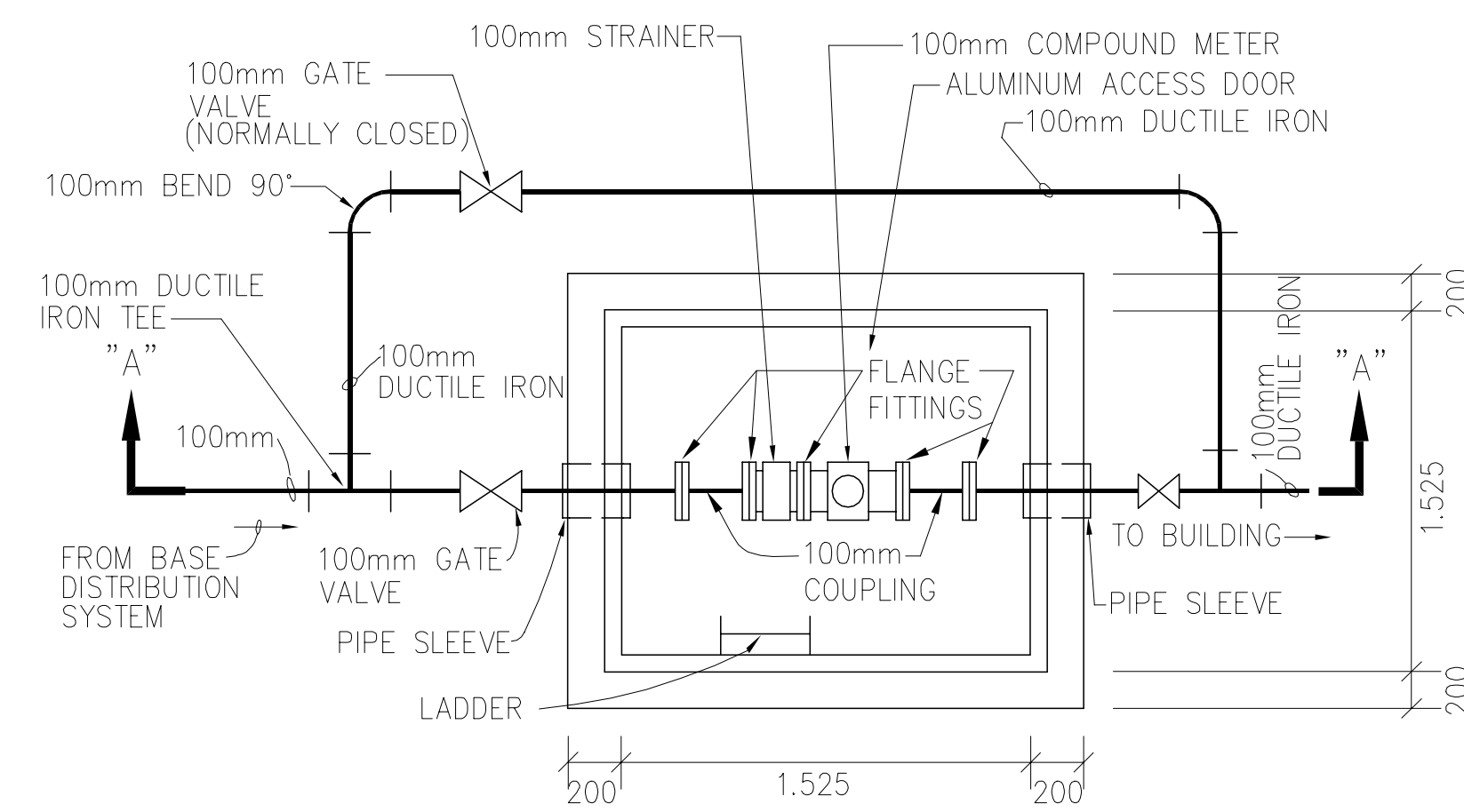
TYPICAL FIRE HYDRANT SETTING DETAIL

NOT TO SCALE

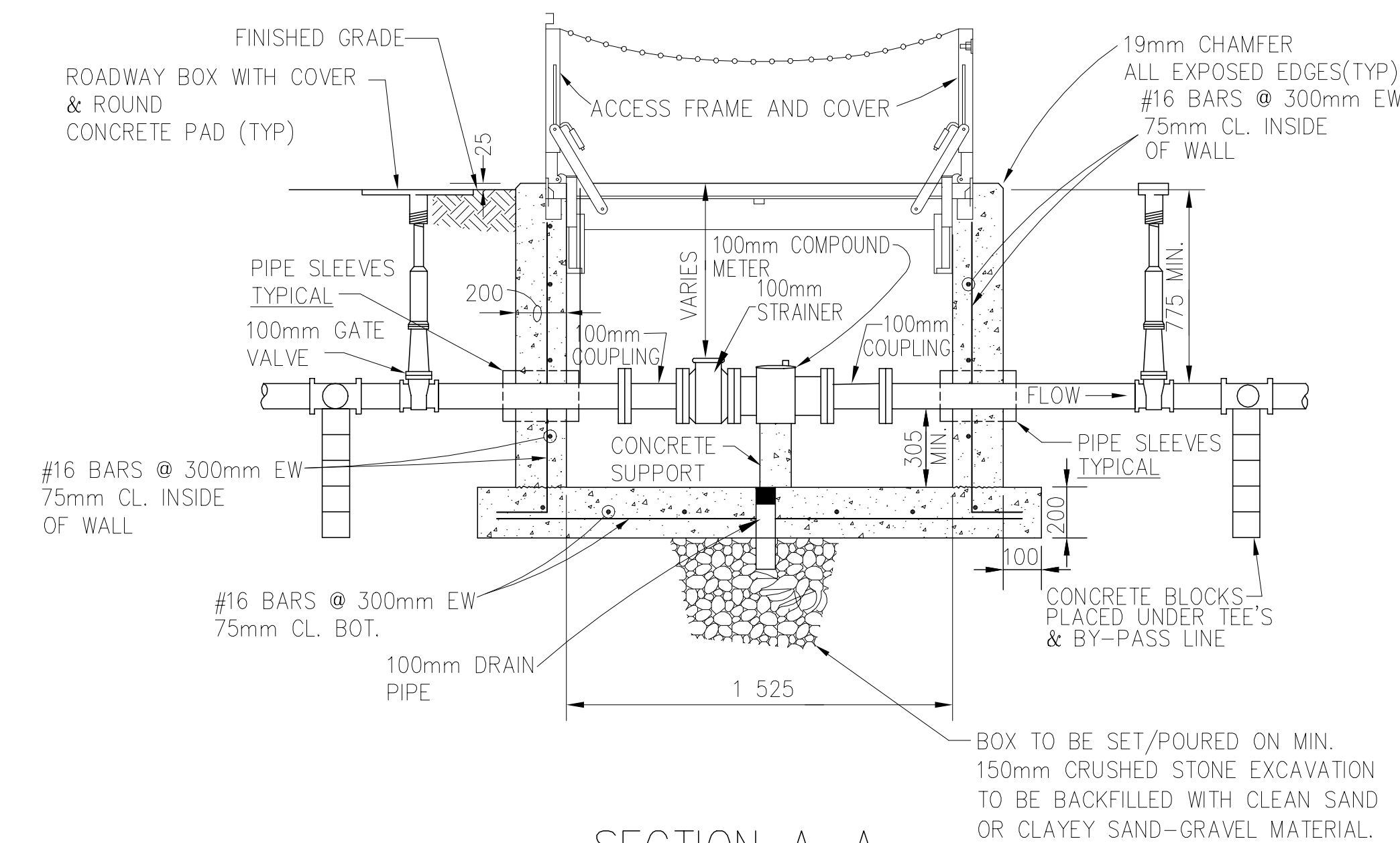


### PIPE TRENCH BEDDING DETAIL

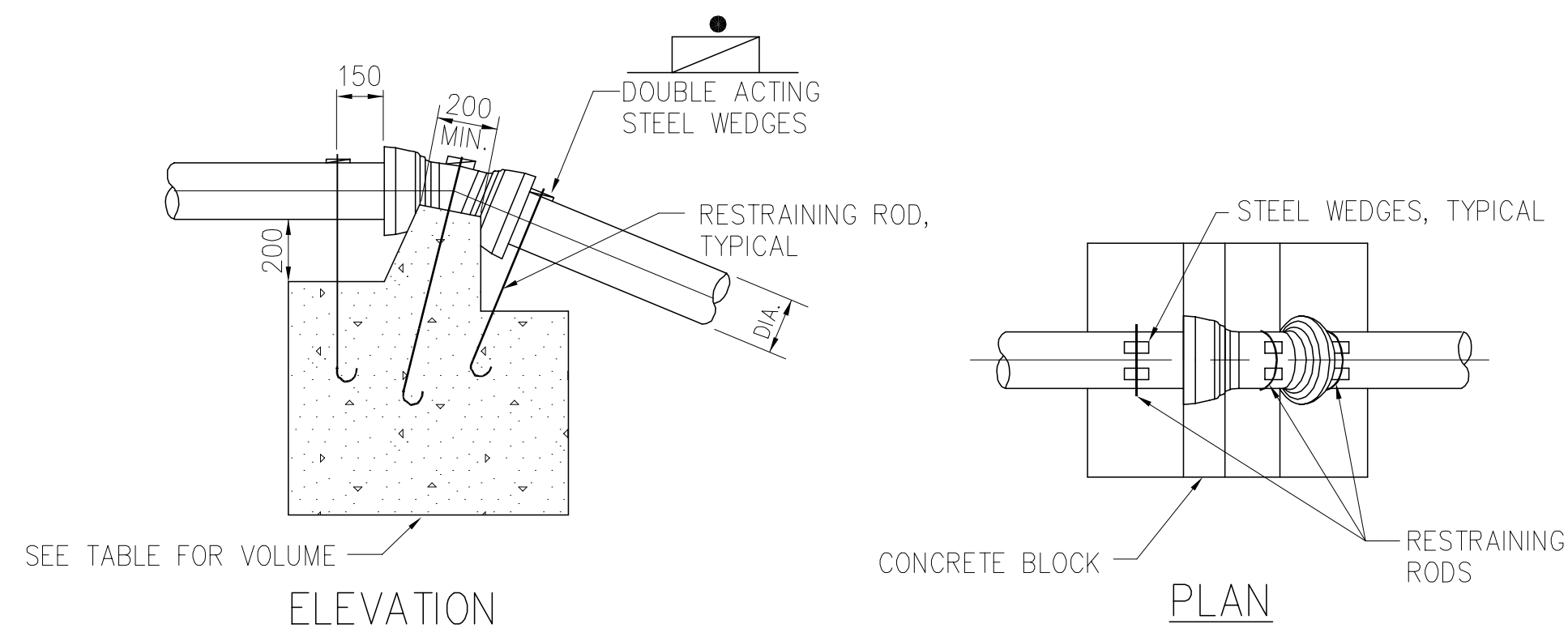
PIPE TRENCH DIMENSION TABLE	
PIPE DIA. "D"	MAXIMUM "A"
150 TO 375	200



## PLAN

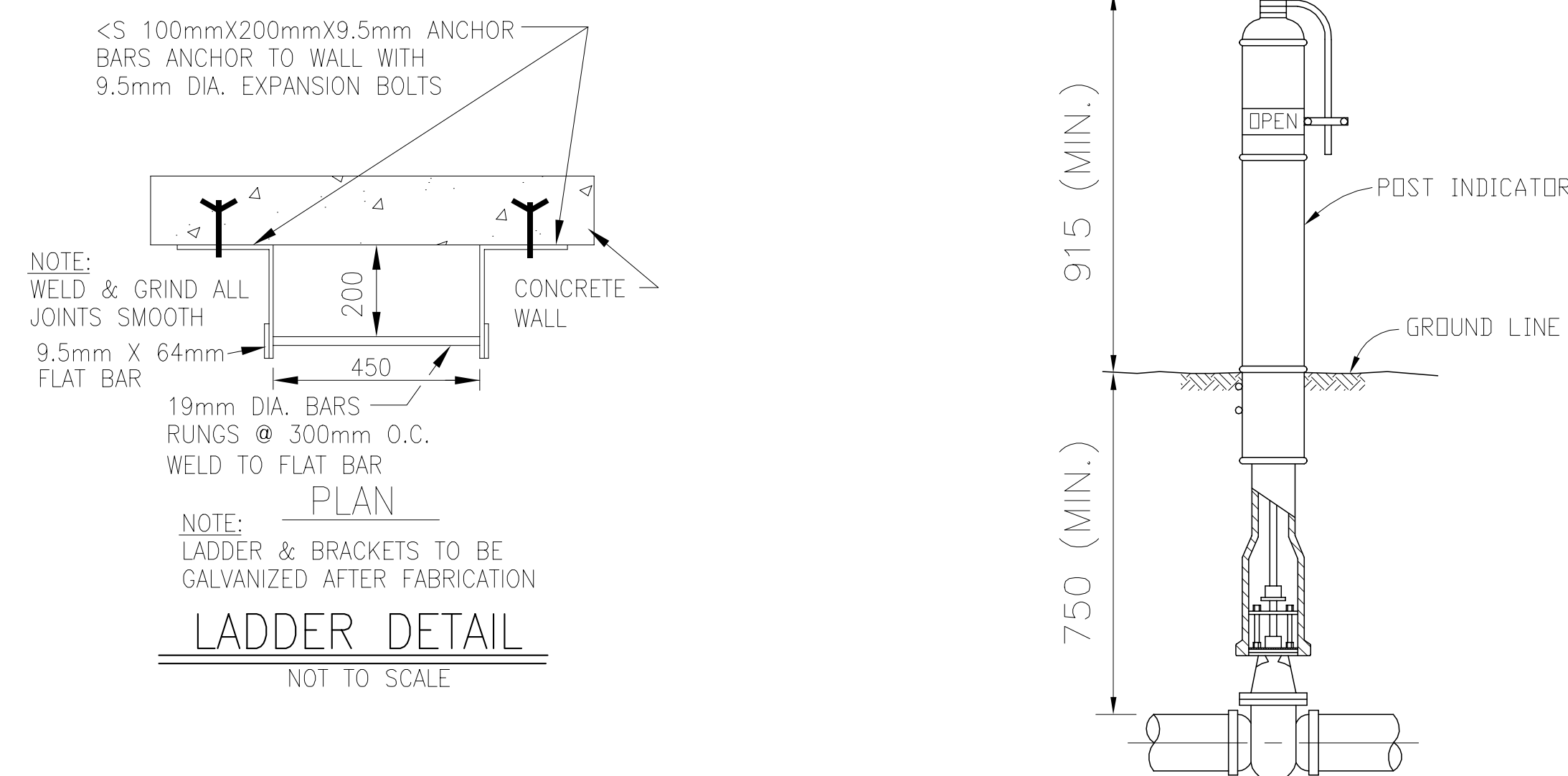


SECTION A-A  
WATER METER AND VAULT DETAILS  
NOT TO SCALE



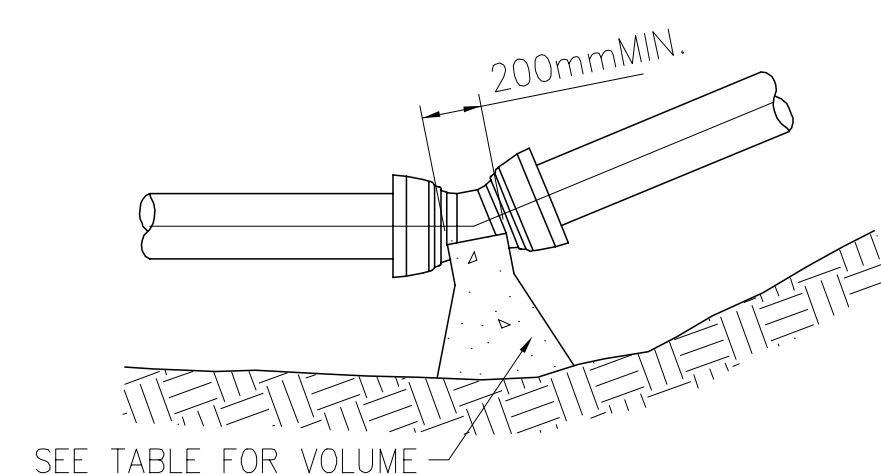
## DOWN BEND THRUST BLOCKS

DOWN BEND THRUST BLOCKS				
SOIL BEARING 95KPa-TEST PRESSURE 1.4MPa				
PIPE SIZE (DIA.)	90° BEND	45° BEND & WYE	22 1/2" BEND	11 1/4" BEND
	CUBIC METERS	CUBIC METERS	CUBIC METERS	CUBIC METERS
150	1.58	1.13	0.62	0.31
200	2.83	2.00	1.08	0.57
250	4.53	3.17	1.70	0.88
300	6.40	4.53	2.44	1.25



POST INDICATOR VALVE DETAIL

NOT TO SCALE



ELEVATION  
UPWARD BEND THRUST BLOCKS

UPWARD BEND THRUST BLOCKS				
SOIL BEARING 95KPa-TEST PRESSURE 1.4MPa				
PIPE SIZE (DIA.)	90° BEND	45° BEND & WYE	22 1/2° BEND	11 1/4° BEND
	CUBIC METERS	CUBIC METERS	CUBIC METERS	CUBIC METERS
150	0.17	0.08	0.06	0.03
200	0.28	0.17	0.08	0.042
250	0.48	0.25	0.13	0.071
300	0.68	0.37	0.20	0.099

THRUST BLOCK DIAGRAMS

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NOT TO SCALE

NOTE:  
ALL DIMENSIONS ARE MILLIMETERS (mm).  
UNLESS OTHERWISE NOTED

IF SHEET IS LESS THAN 28"x42", IT IS A REDUCED PRINT. SCALE REDUCED ACCORDINGLY.

C-12

MEDICAL/DENTAL CLINIC

WATER DETAILS

SIZE	CODE IDENT. NO.	DRAWING NO.	
F	XXXXXX	8144520	
CONST. CONTR. NO.			
SCALE: AS SHOWN		SPEC. 11996048	SHEET 15 OF 316

THIS DOCUMENT ORIGINALLY  
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THIS MEDIA SHOULD NOT  
BE CONSIDERED A  
CERTIFIED DOCUMENT.

SCALE: AS SHOWN	SPEC. 11996048	SHEET 15 OF 316
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