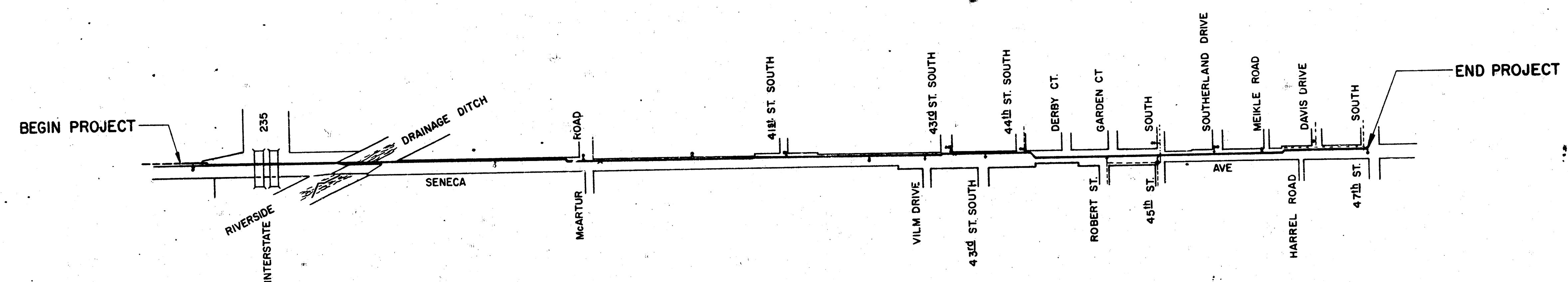


CITY OF WICHITA
 WATER DEPARTMENT
 DESIGN & PLANNING DIVISION
 PLAN AND PROFILE OF
 WATER MAIN CONSTRUCTION



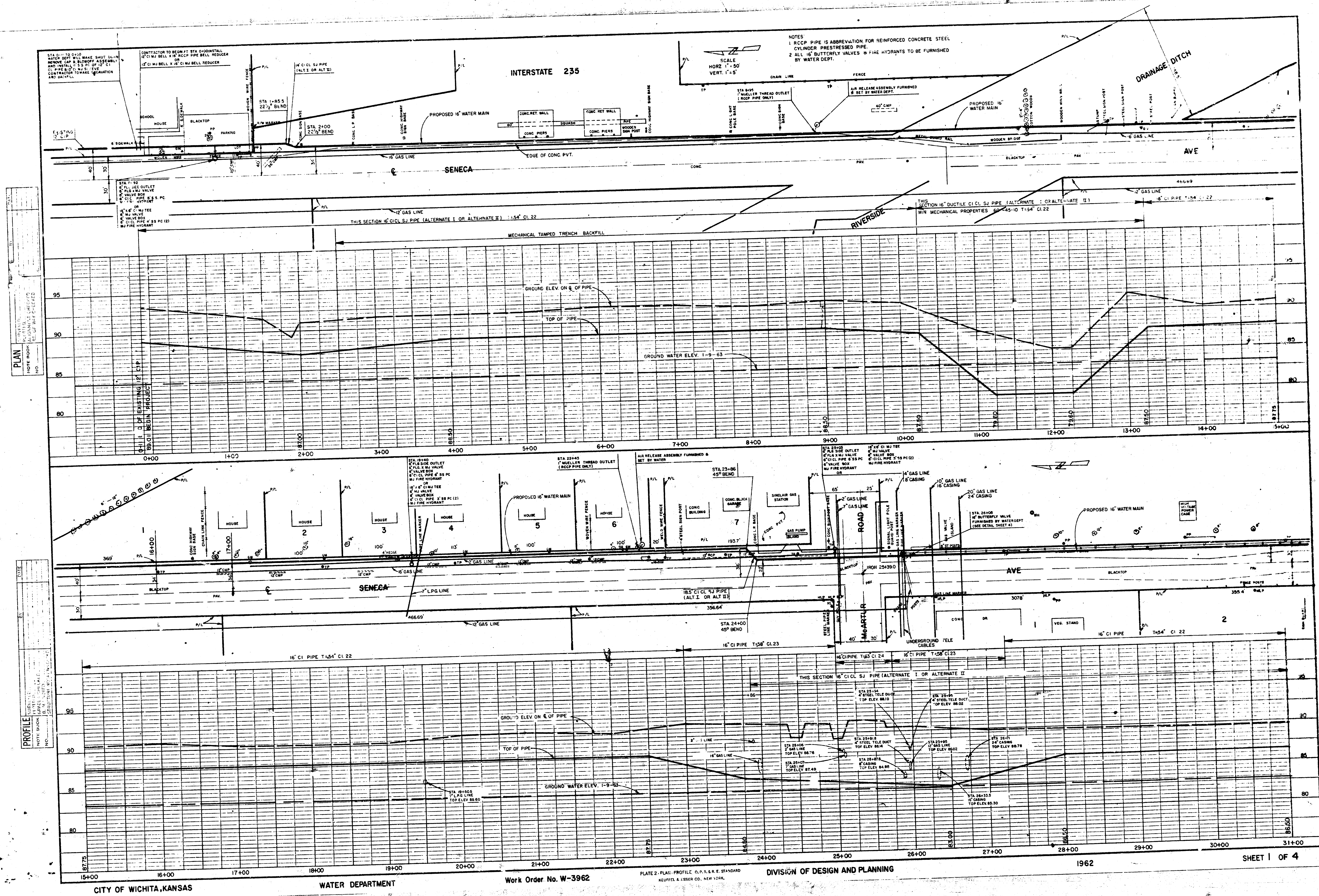
LEGEND

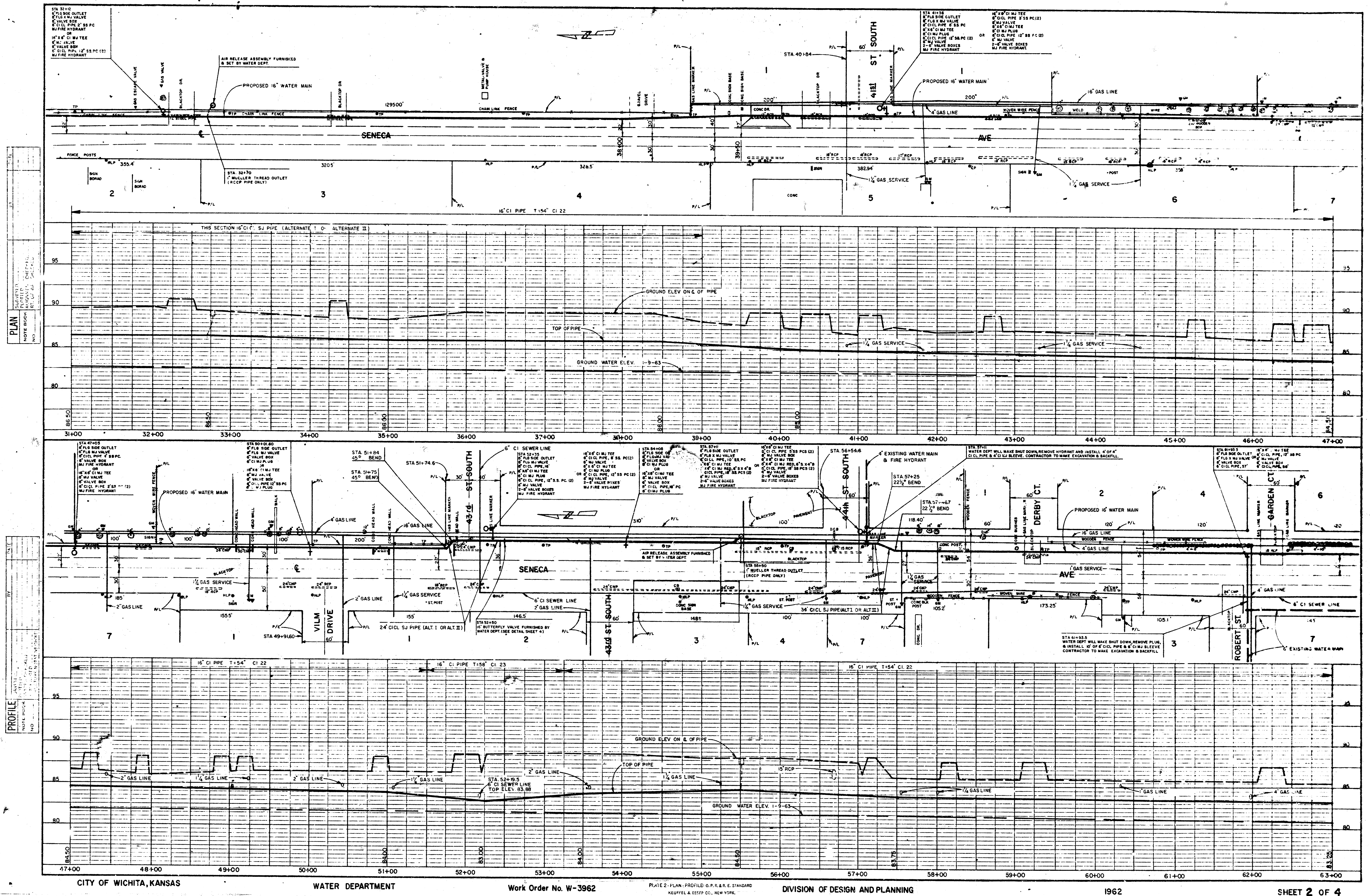
PROPOSED 16" WATER MAIN	
PROPOSED FIRE HYDRANT	
PROPOSED VALVE (16")	
EXISTING WATER MAIN	
PROPOSED OUTLET WITH VALVE	

Scale 1" = 400'

RECOMMENDED FOR APPROVAL
Bill H. Ott
 Supt. of Design & Planning

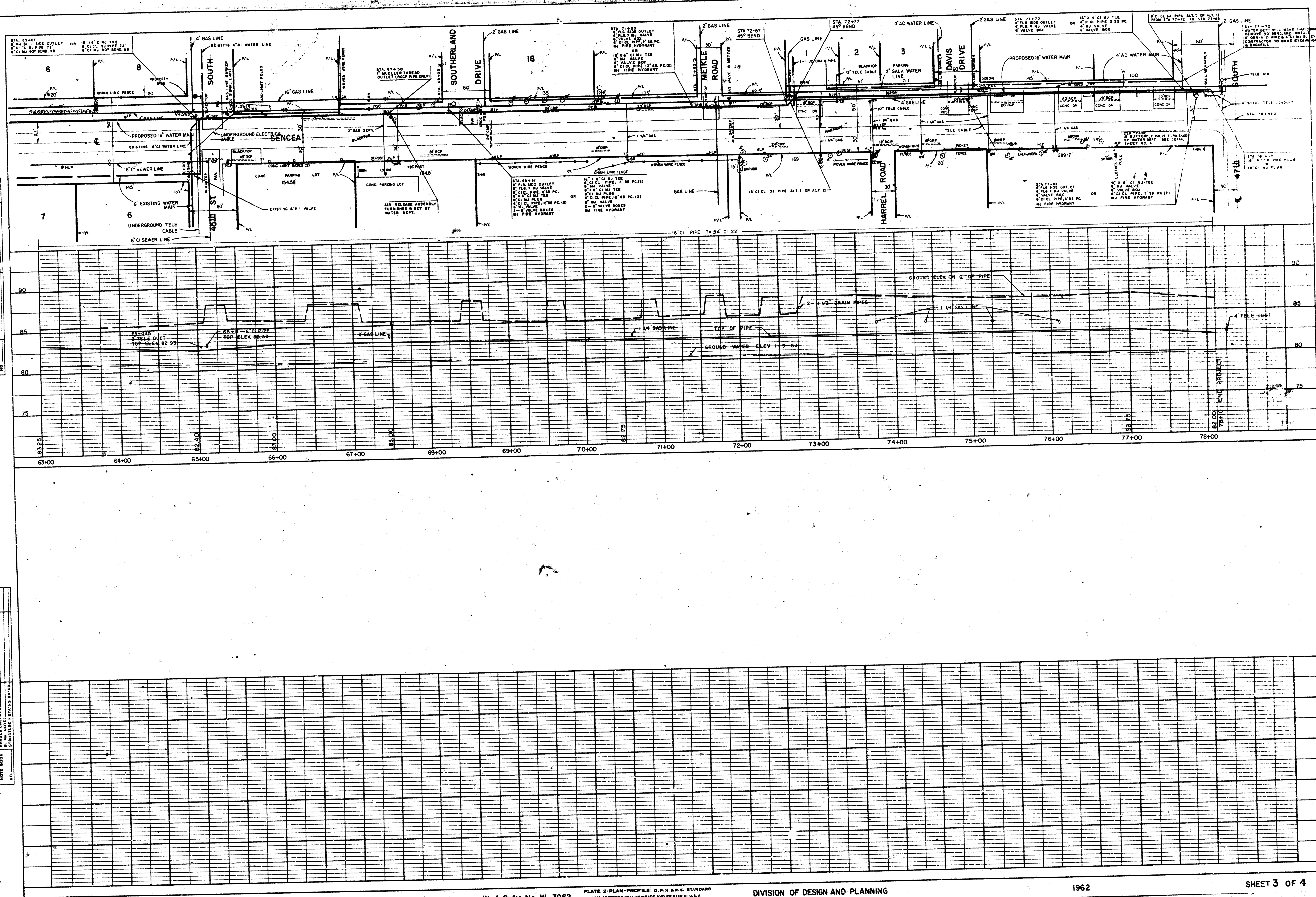
APPROVED
John S. Burk
 Operations Chief Engineer

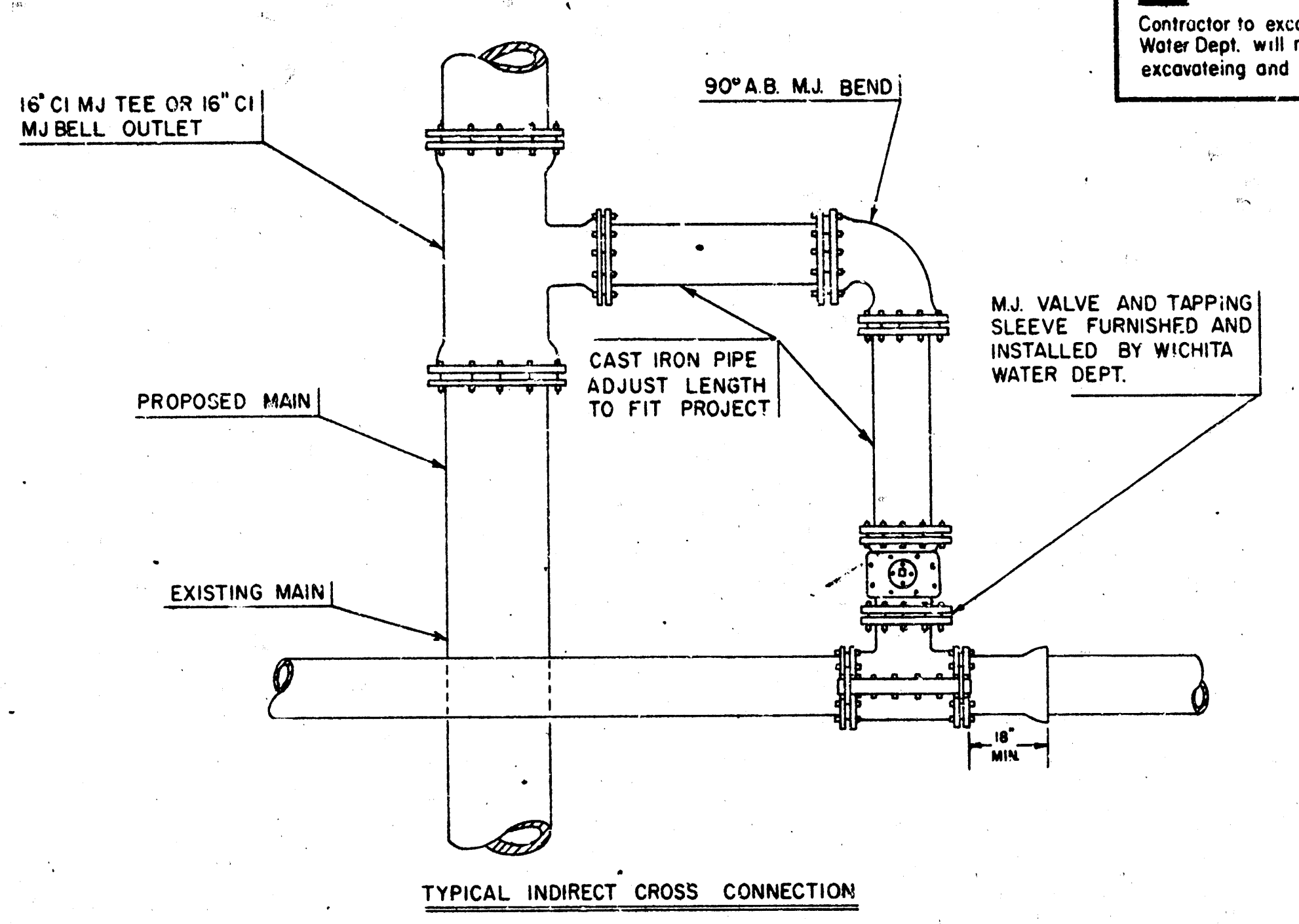
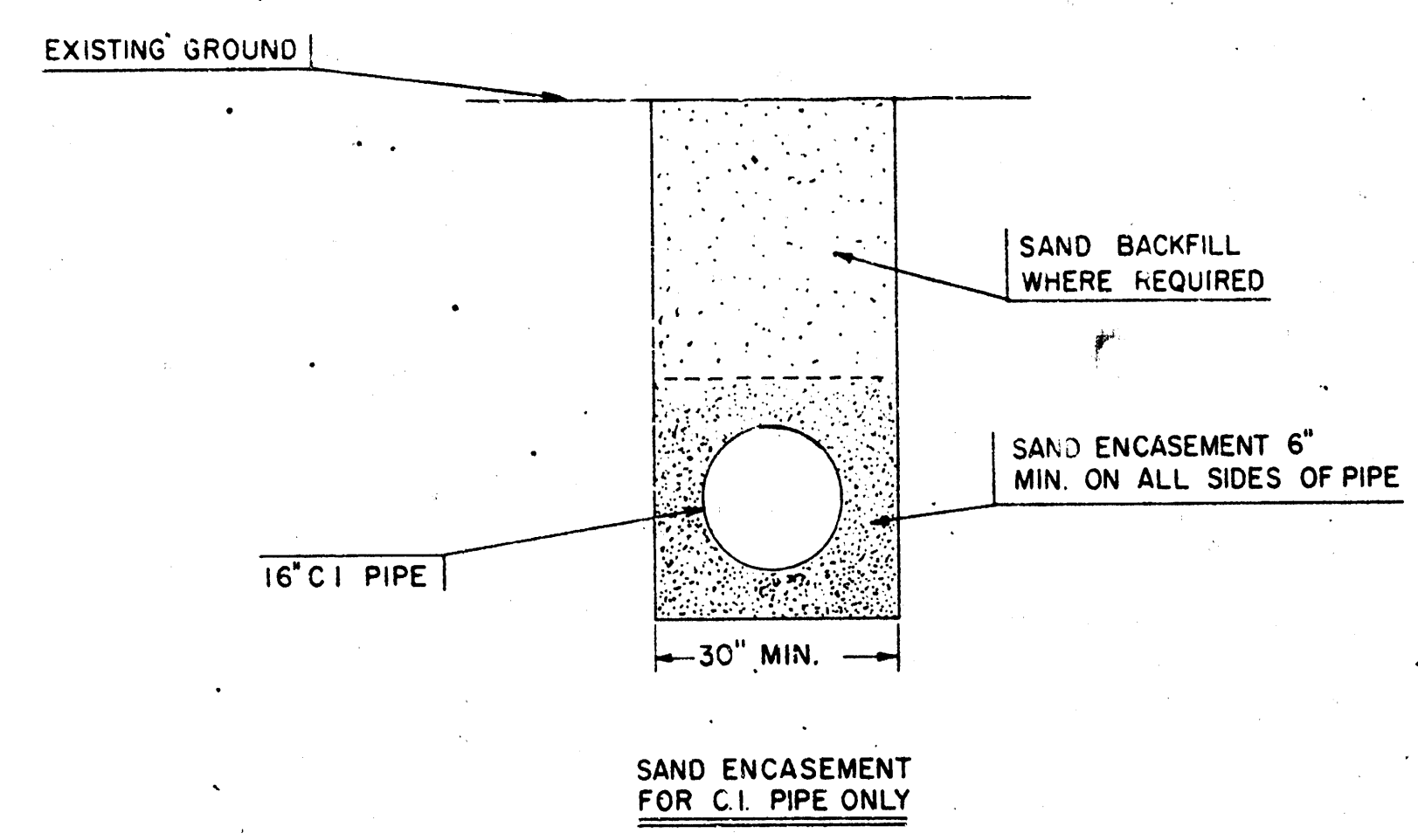




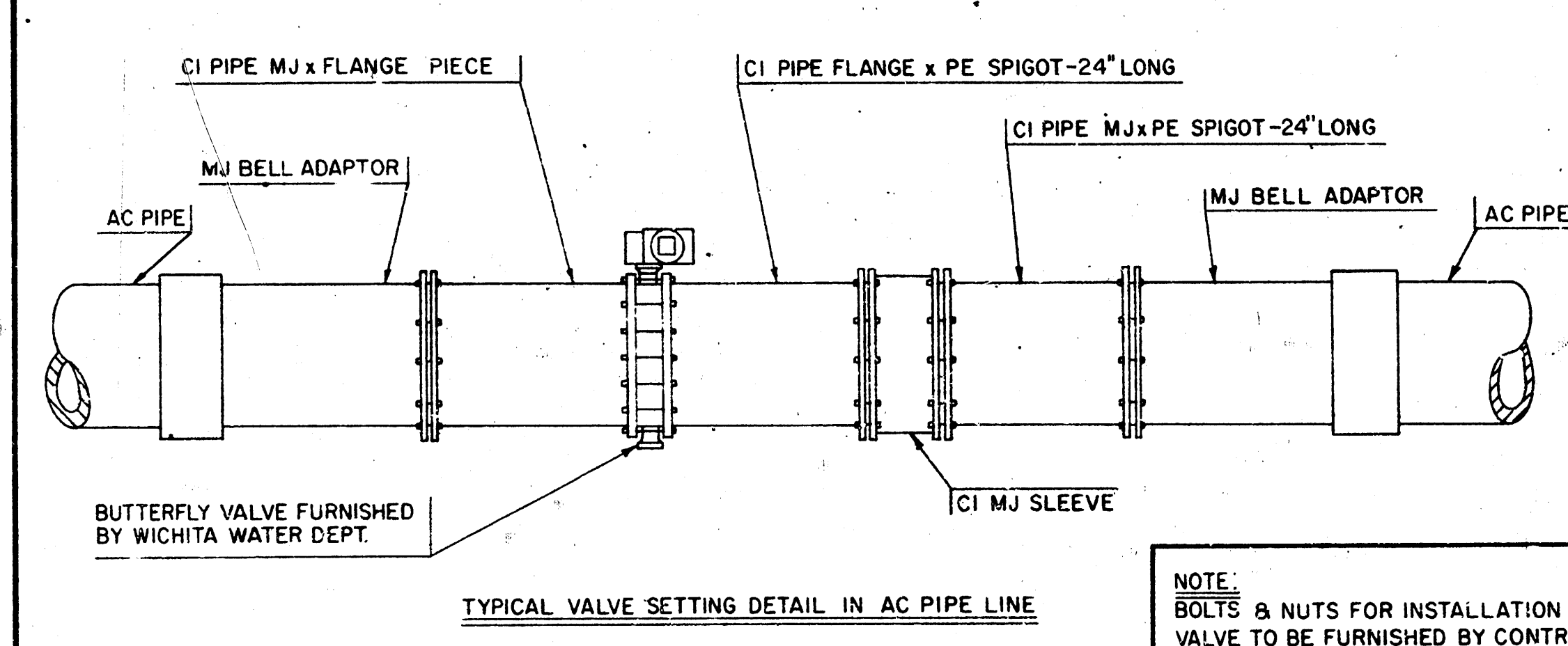
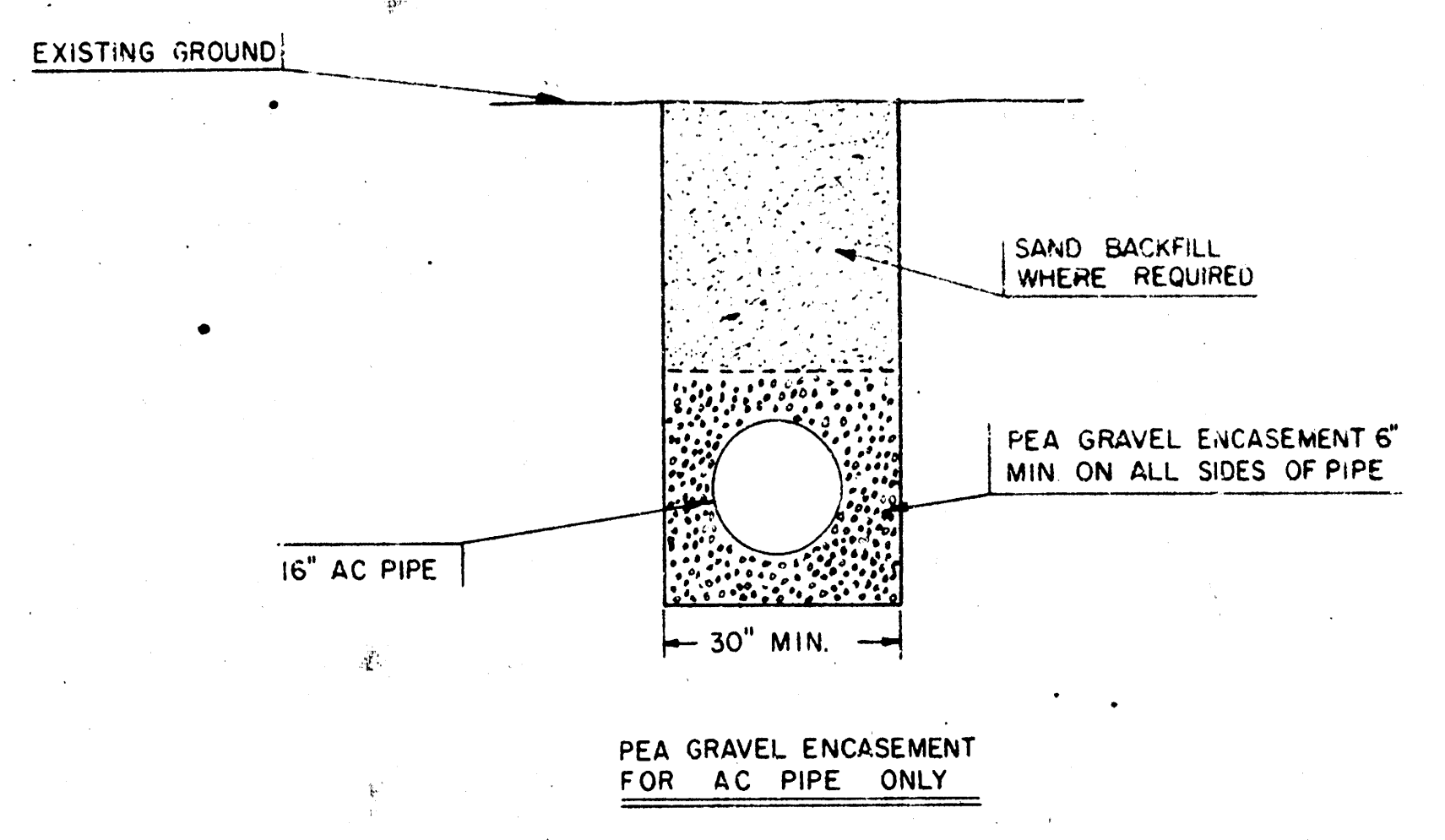
PLAN	SHEET NO.	18
	DATE	
PROFILE	SHEET NO.	
	DATE	

PROFILE	SHEET NO.	
	DATE	
PLAN	SHEET NO.	18
	DATE	

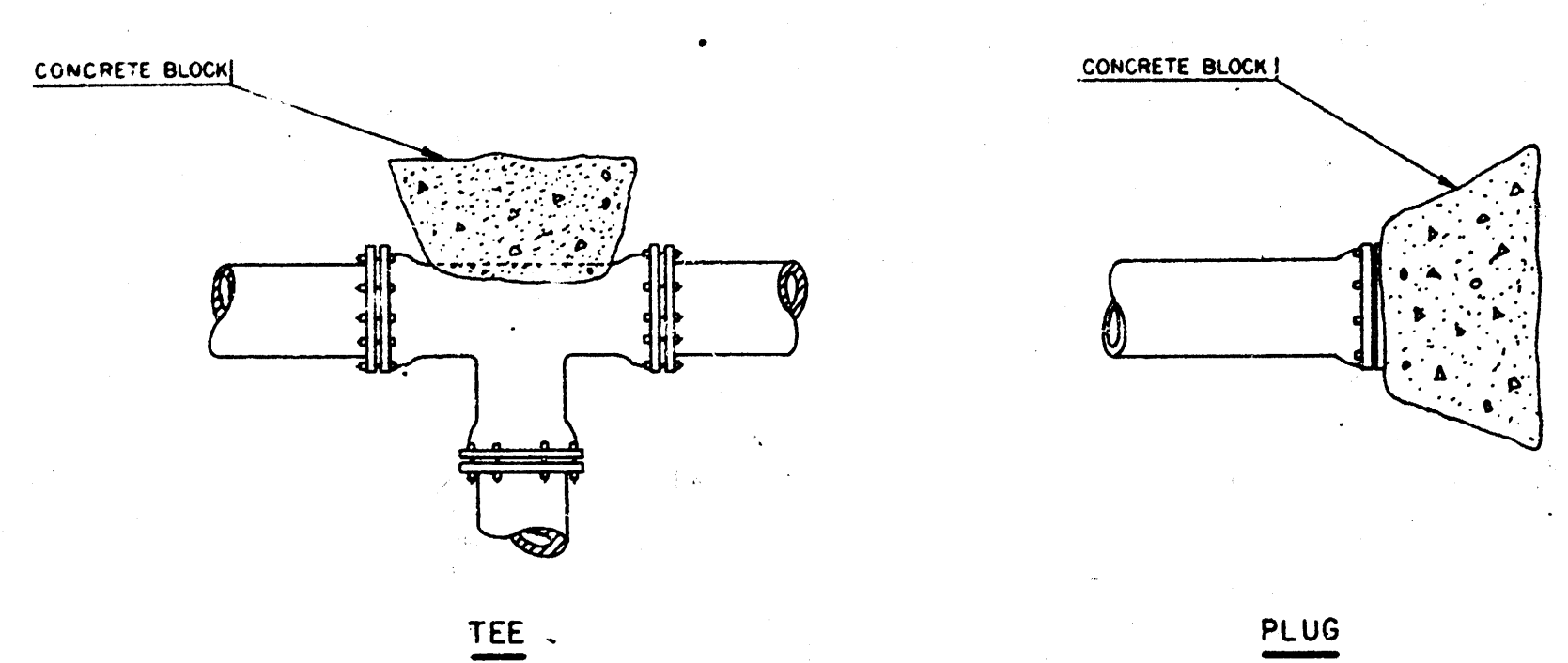
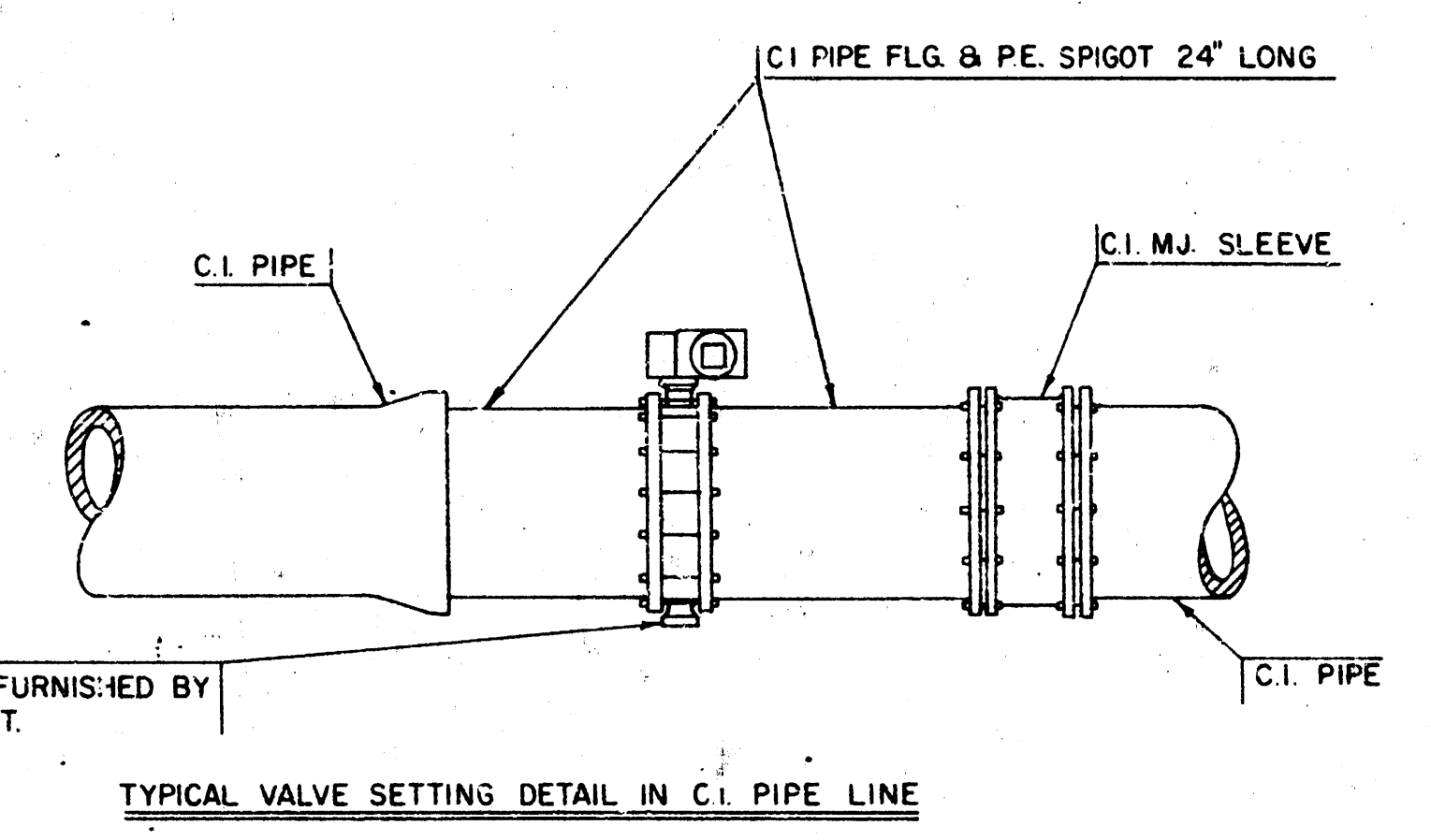
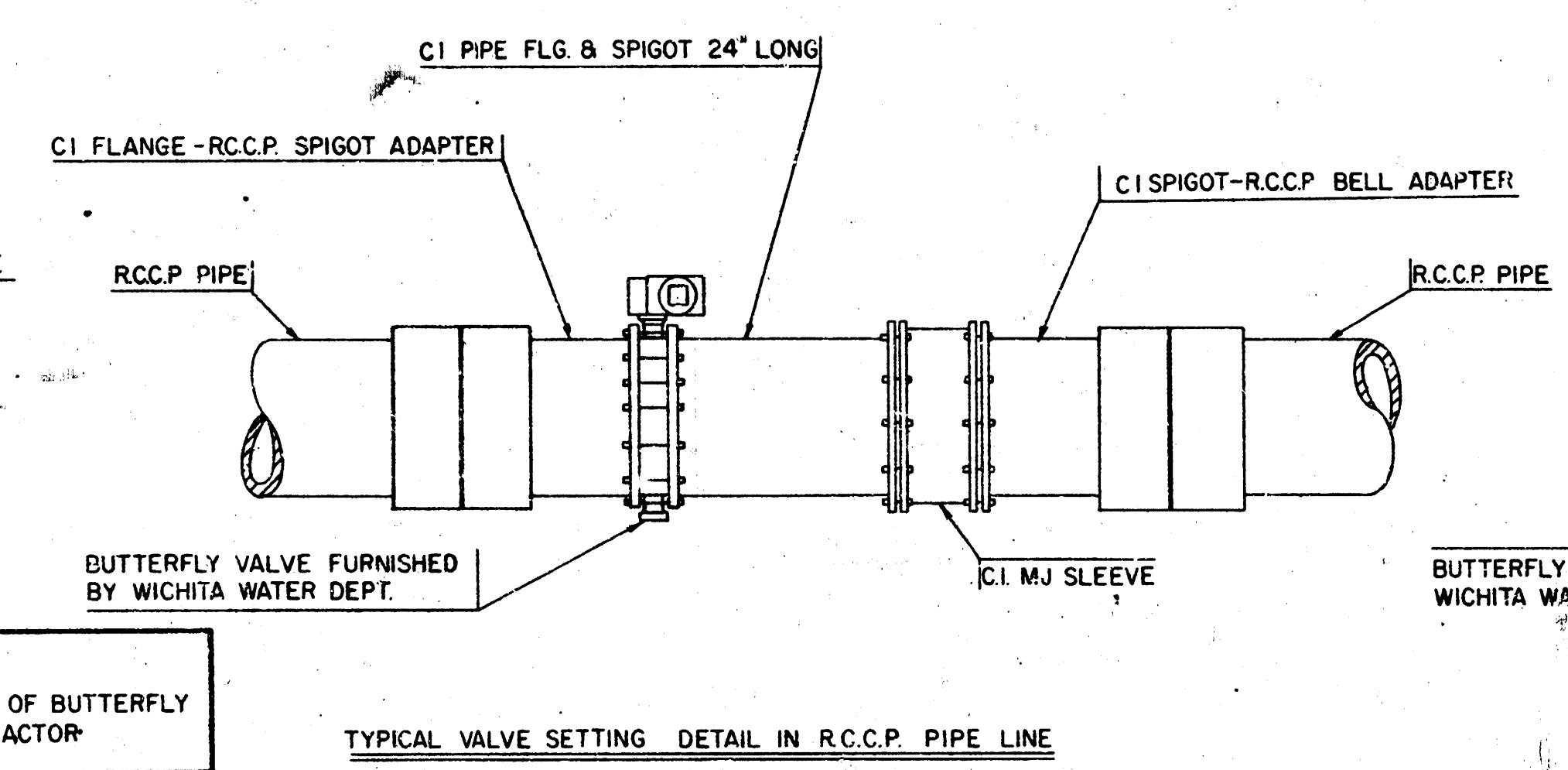




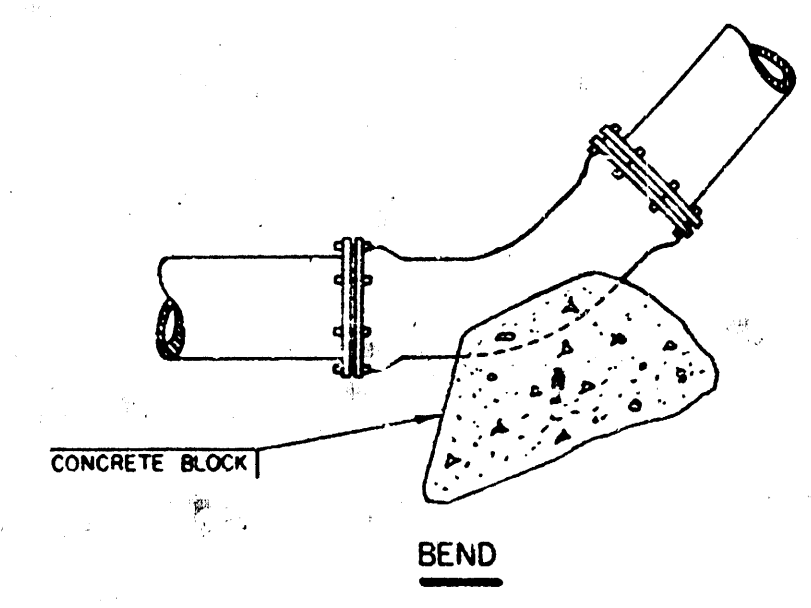
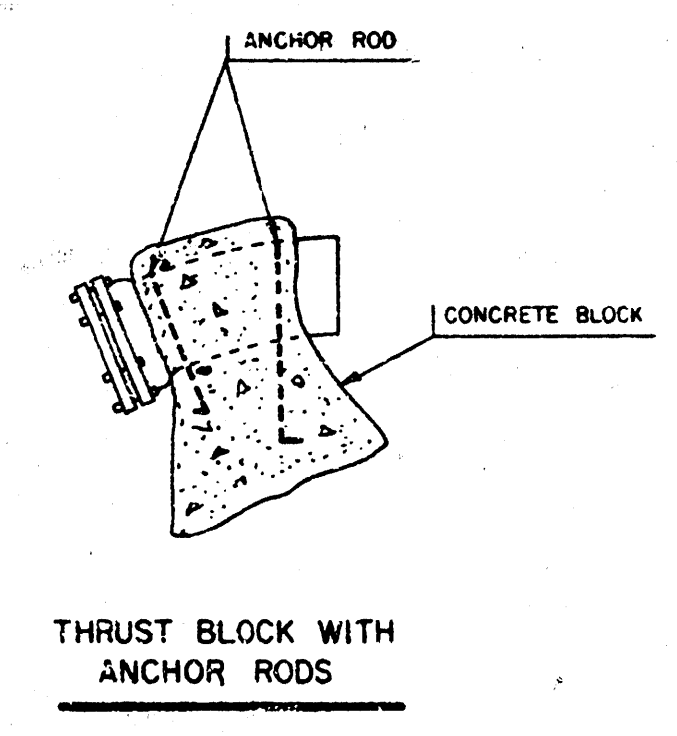
Note:
Contractor to excavate and prepare tap hole, Water Dept. will make tap on existing main, excavating and backfill at no extra cost!



NOTE:
BOLTS & NUTS FOR INSTALLATION OF BUTTERFLY VALVE TO BE FURNISHED BY CONTRACTOR



PIPE SIZE	THRUST AT FITTINGS IN TONS - AT 150' IN ² P.					
	PLUG	90°	45°	22 1/2°	11 1/4°	TEE
6"	2.12	2.968	1.613	.827	.416	2.12
8"	3.76	5.33	2.88	1.470	.740	3.76
12"	8.48	11.99	6.49	3.209	1.66	8.48
16"	15.07	21.32	11.54	5.88	2.96	15.07



CITY OF WICHITA WATER DEPARTMENT DESIGN AND PLANNING DIVISION			
3228 NONE	Approved By	Drawn By T.W.	Revised
0219 12-14-62			
DETAIL SKETCHES			
JOB	16" MAIN 111 SENeca AVE FROM 35th ST SOUTH TO 47th ST SOUTH		W.D. Number W-3962