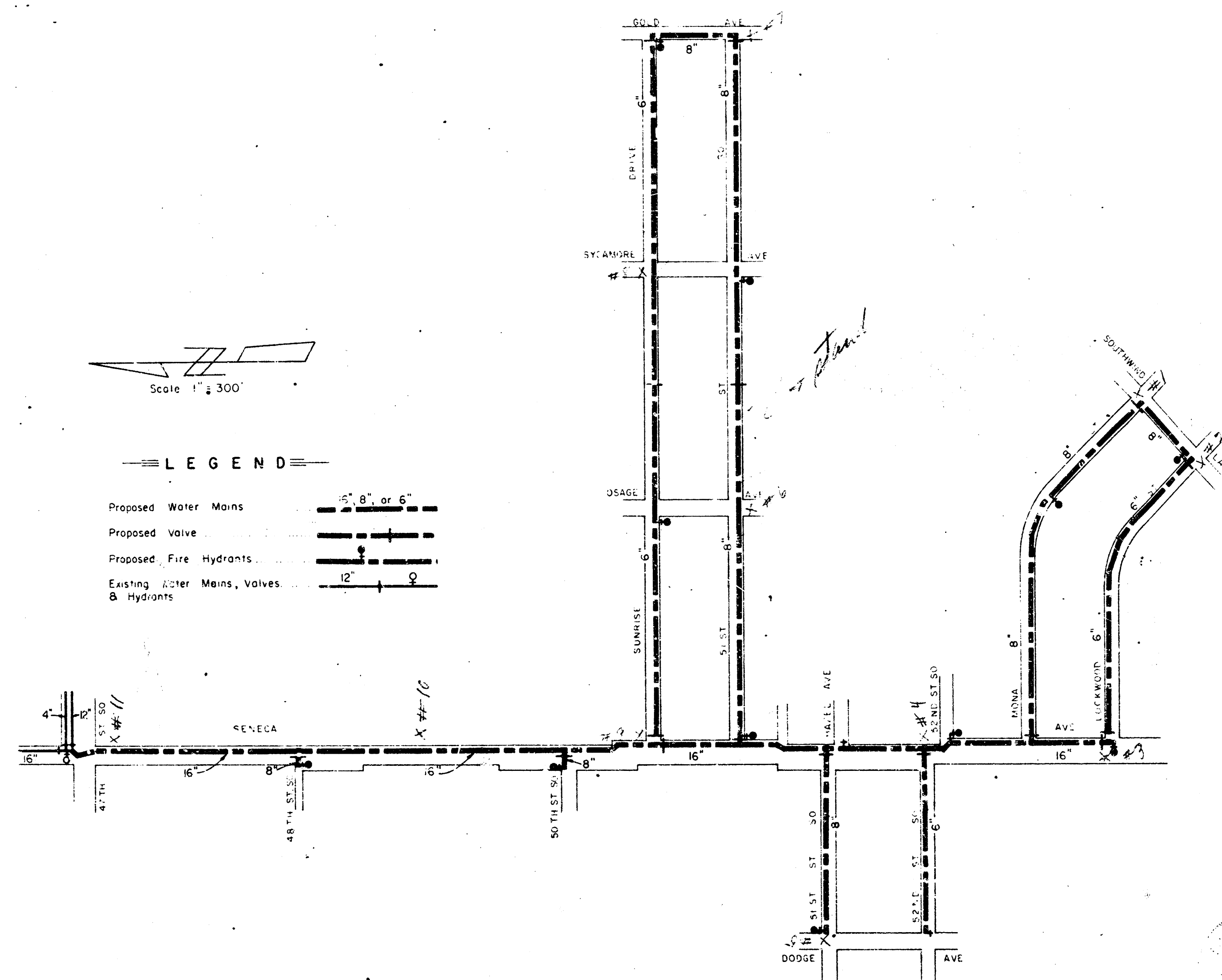


CITY OF WICHITA
 WATER DEPARTMENT
 DESIGN & PLANNING DIVISION
 PLAN AND PROFILE OF
 WATER MAIN CONSTRUCTION
 1965



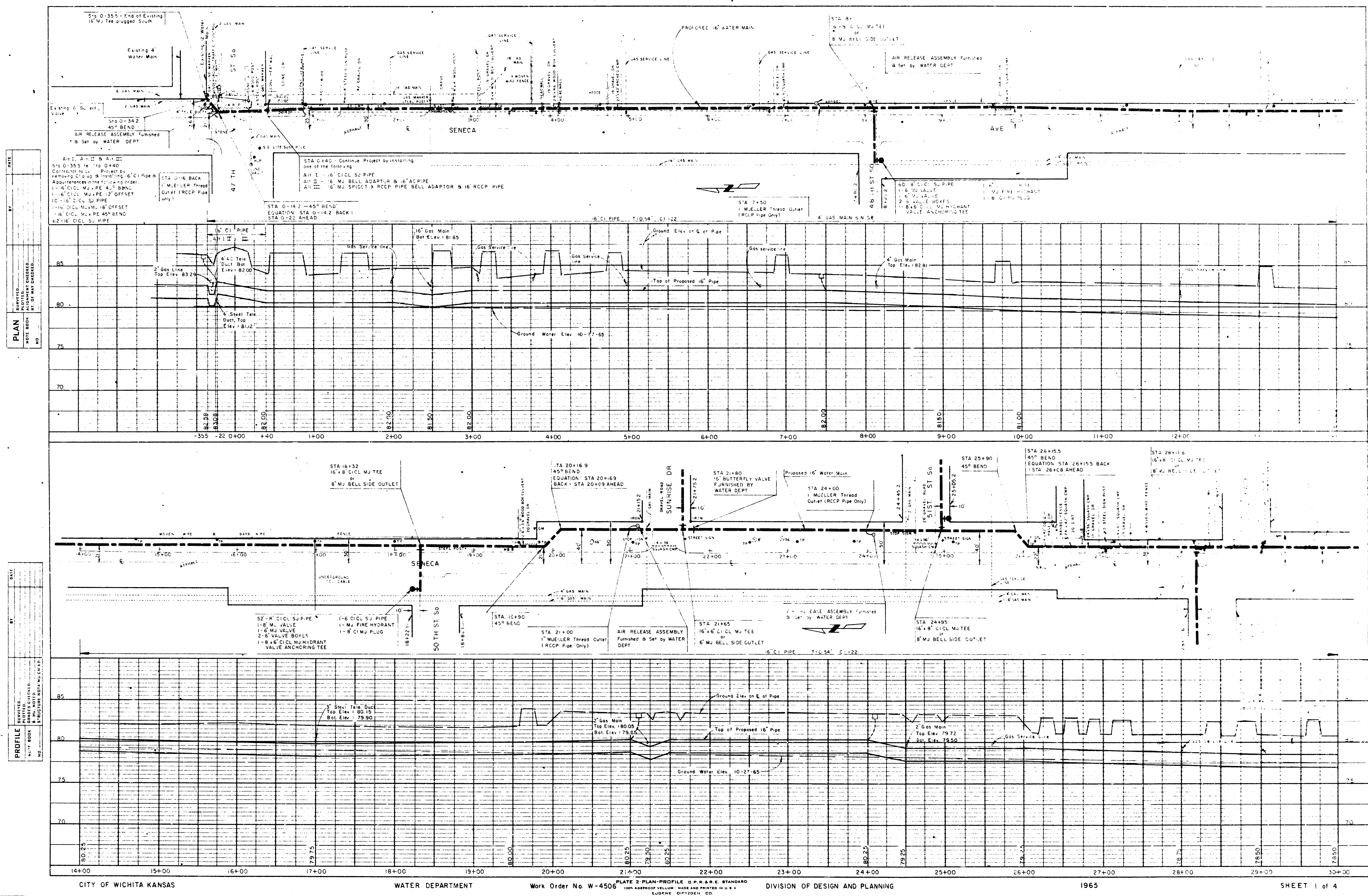
2. 6000
 1. 51st
 3. 52nd
 2. 53rd
 5. 11th
 4. 12th
 9. 13th

RECOMMENDED FOR APPROVAL

Bill R. Ottew
 Supt. of Design & Planning

APPROVED

John S. Bush
 Operations Chief Engineer



CITY OF WICHITA KANSAS

WATER DEPARTMENT

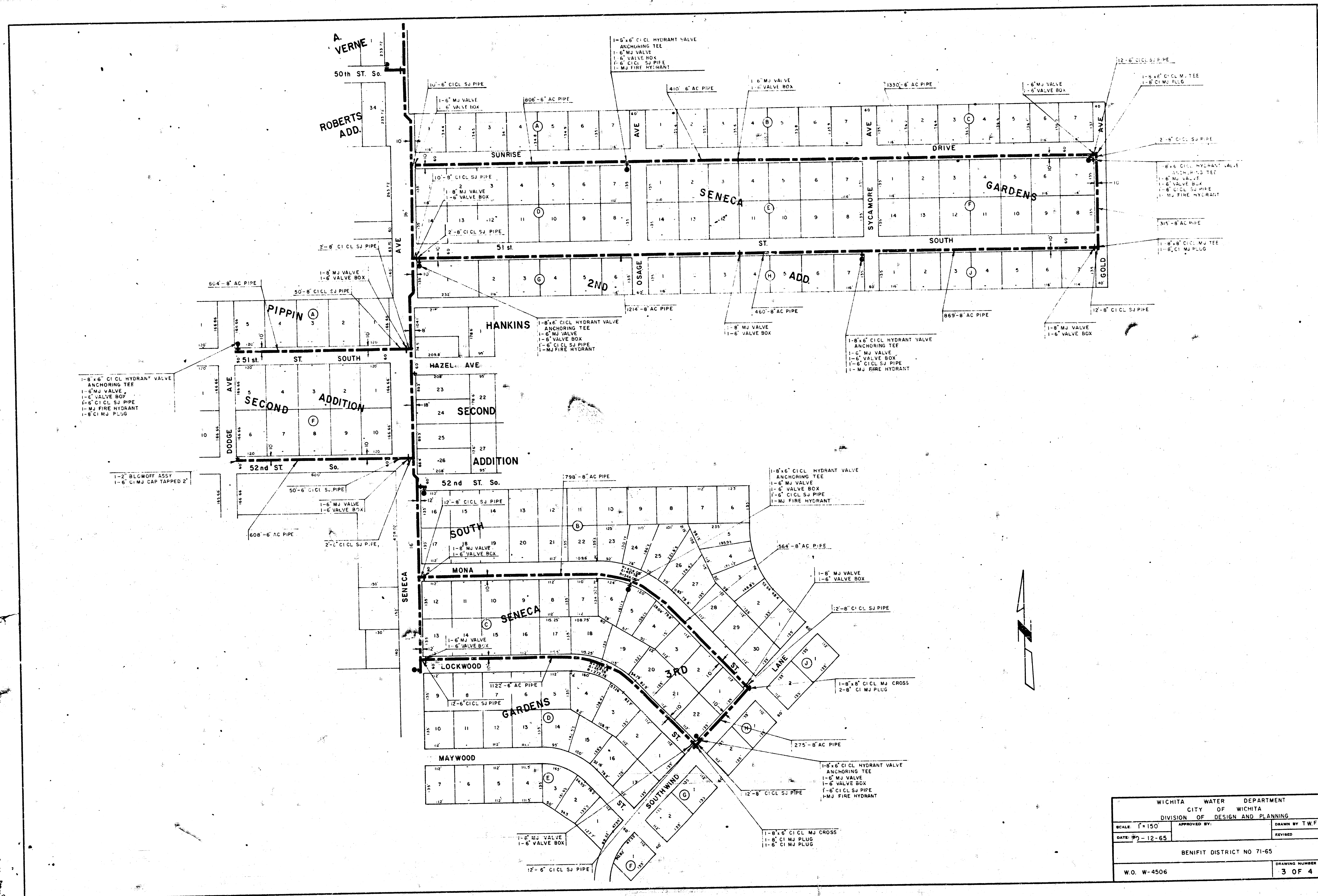
Work Order No. W-4506

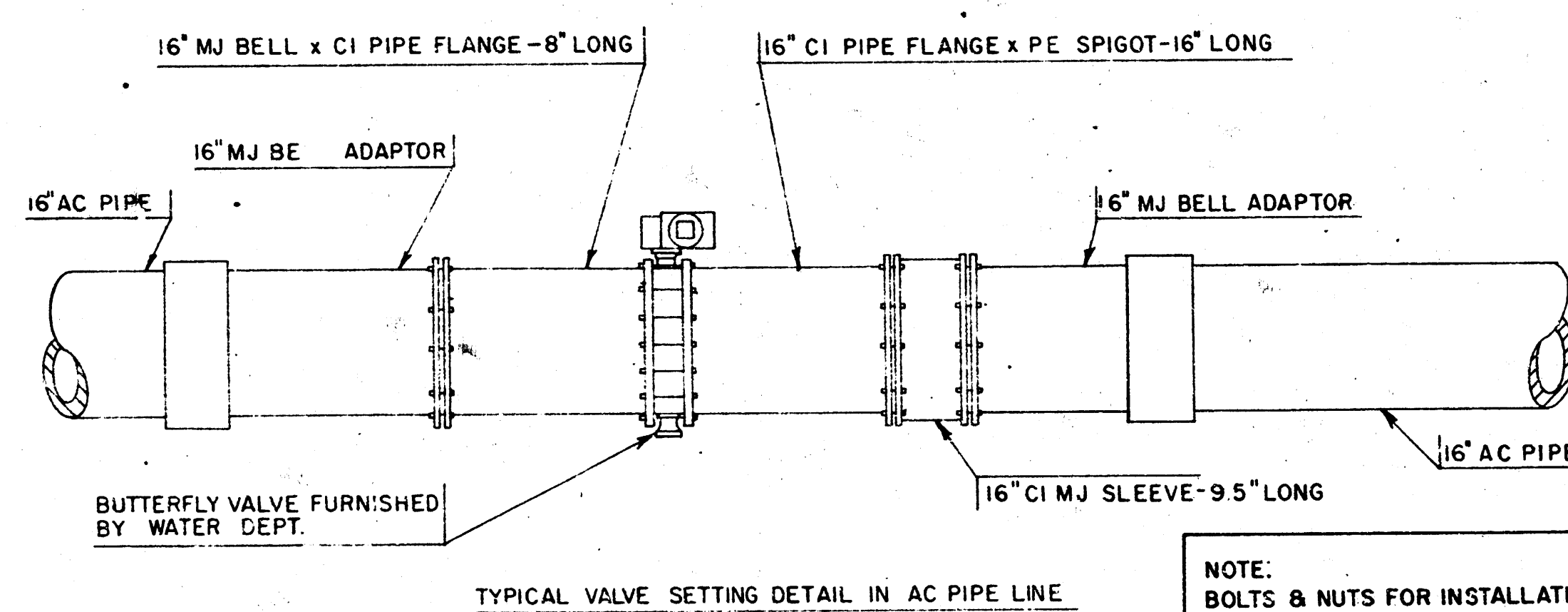
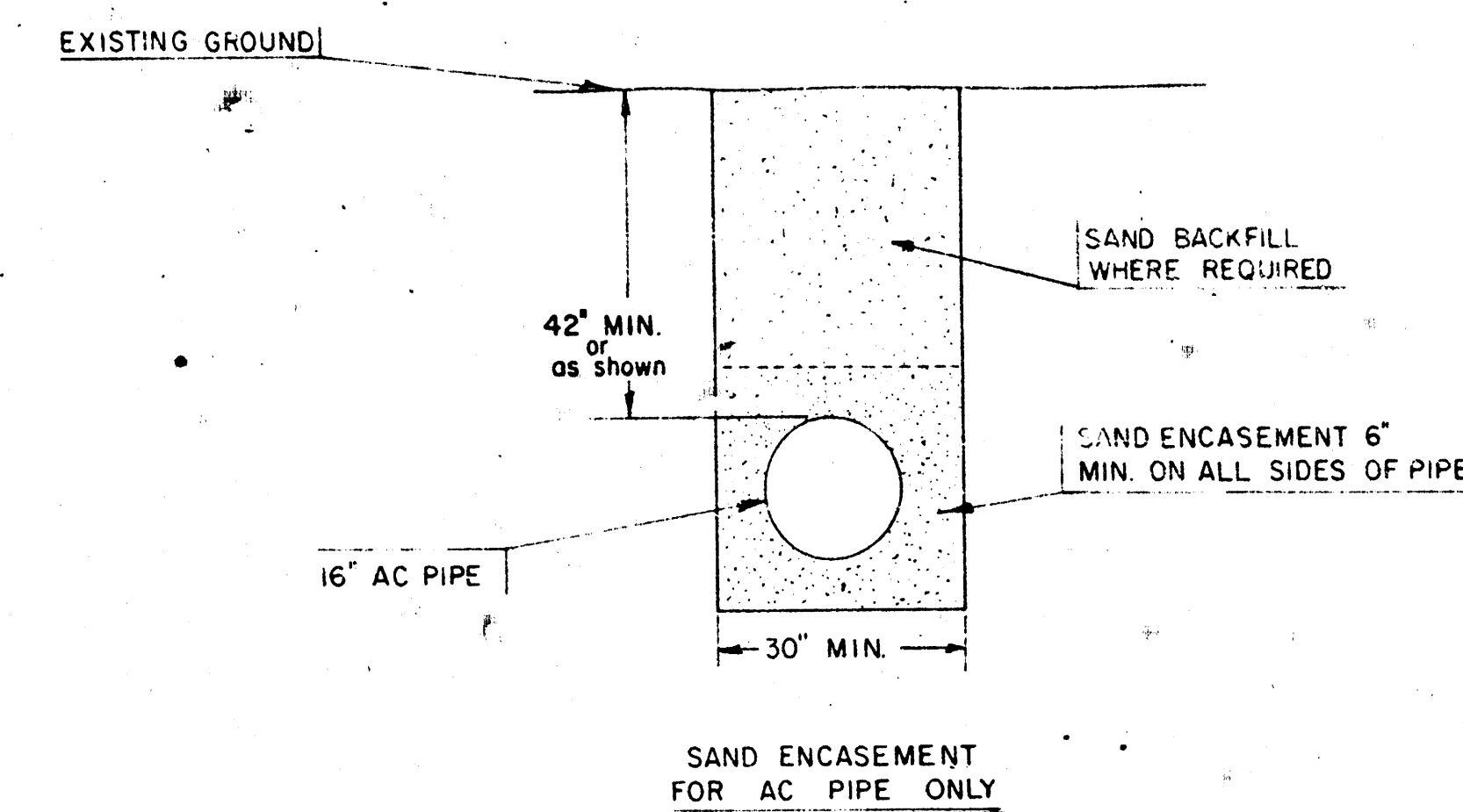
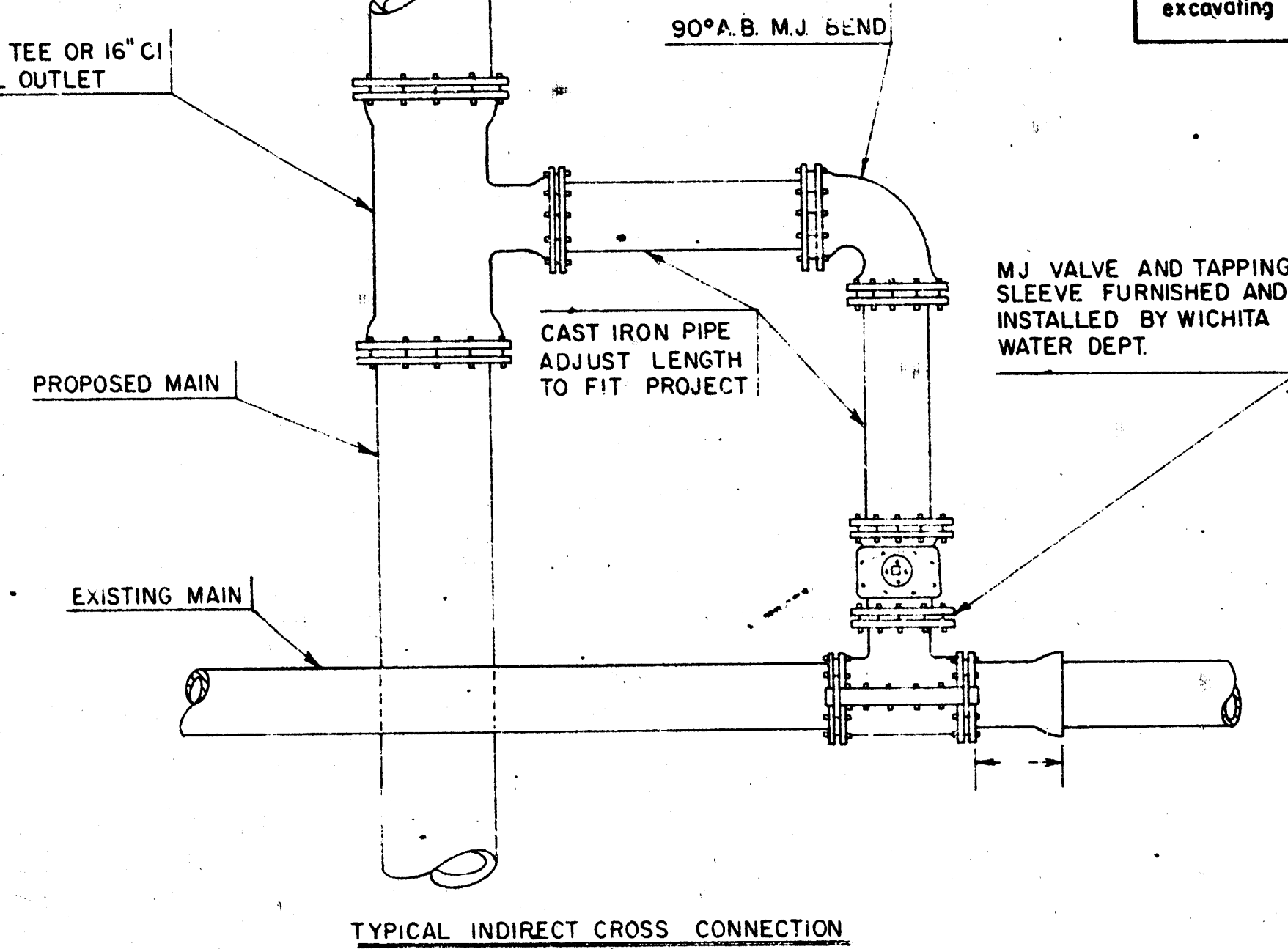
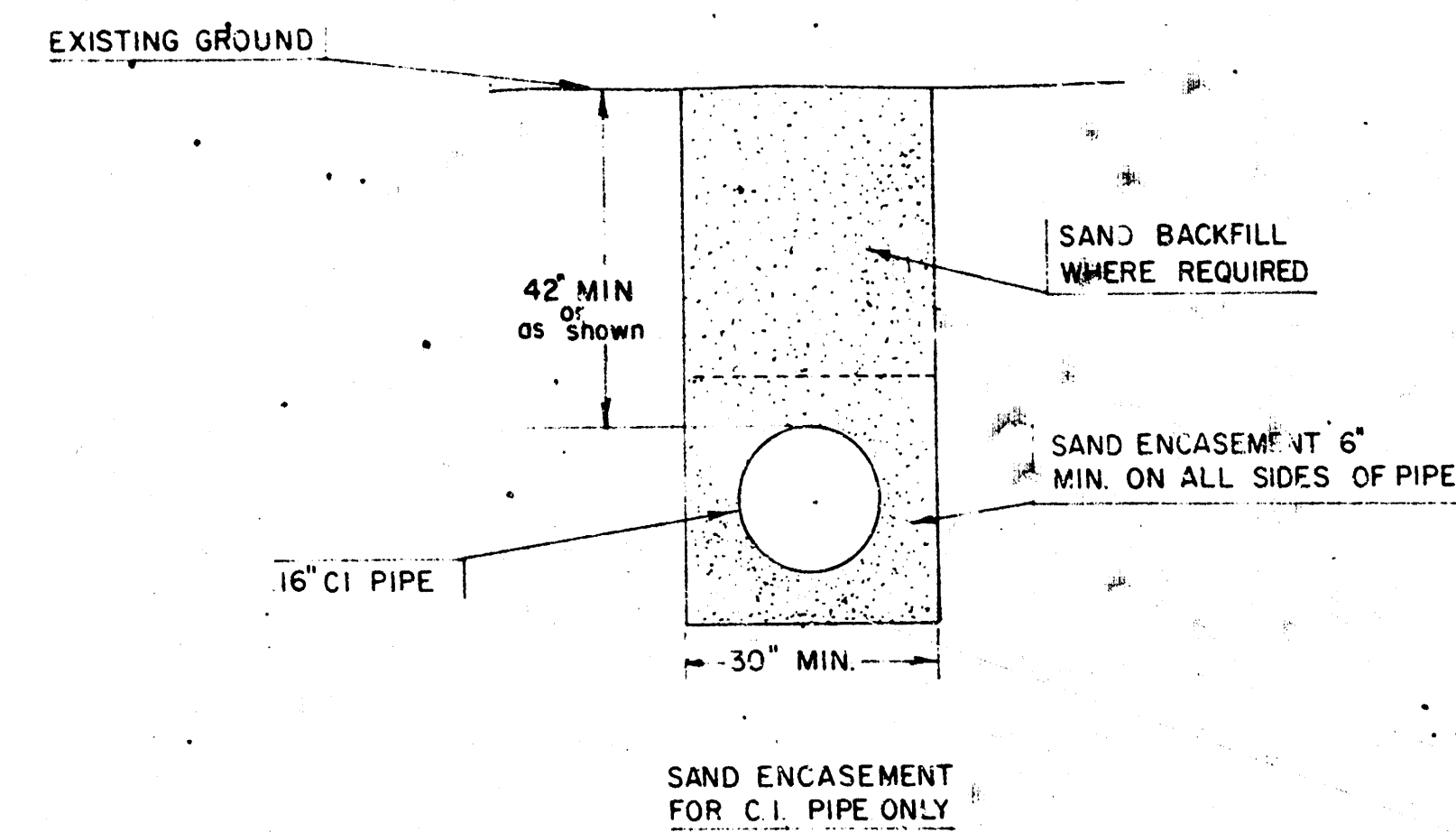
PLATE 2 PLAN-PROFILE, D. R. B. & E. STANDARD
100% APPROOF YELLOW, MADE AND PRINTED IN U.S.A.
LUCHE, DINTZEN CO.

DIVISION OF DESIGN AND PLANNING

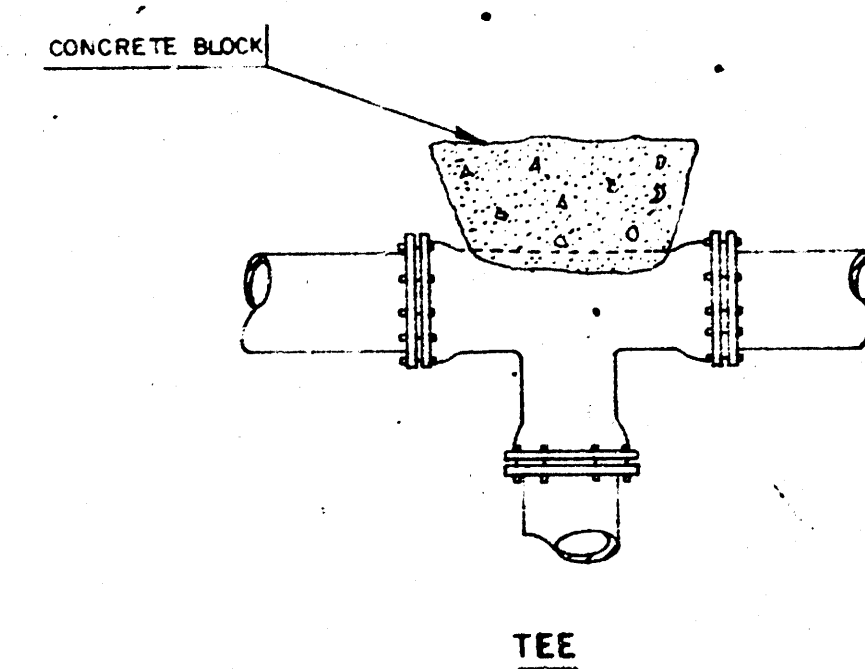
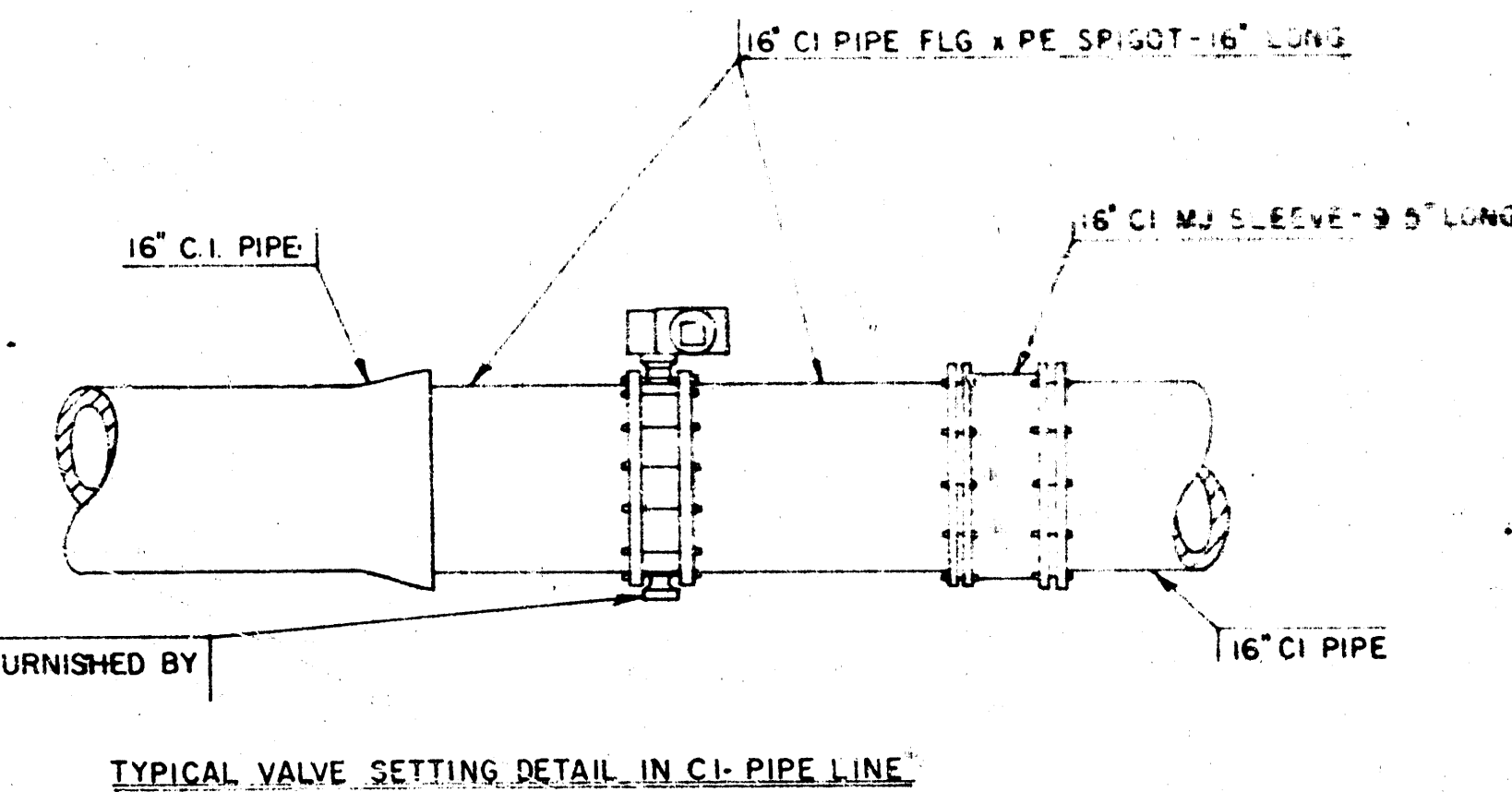
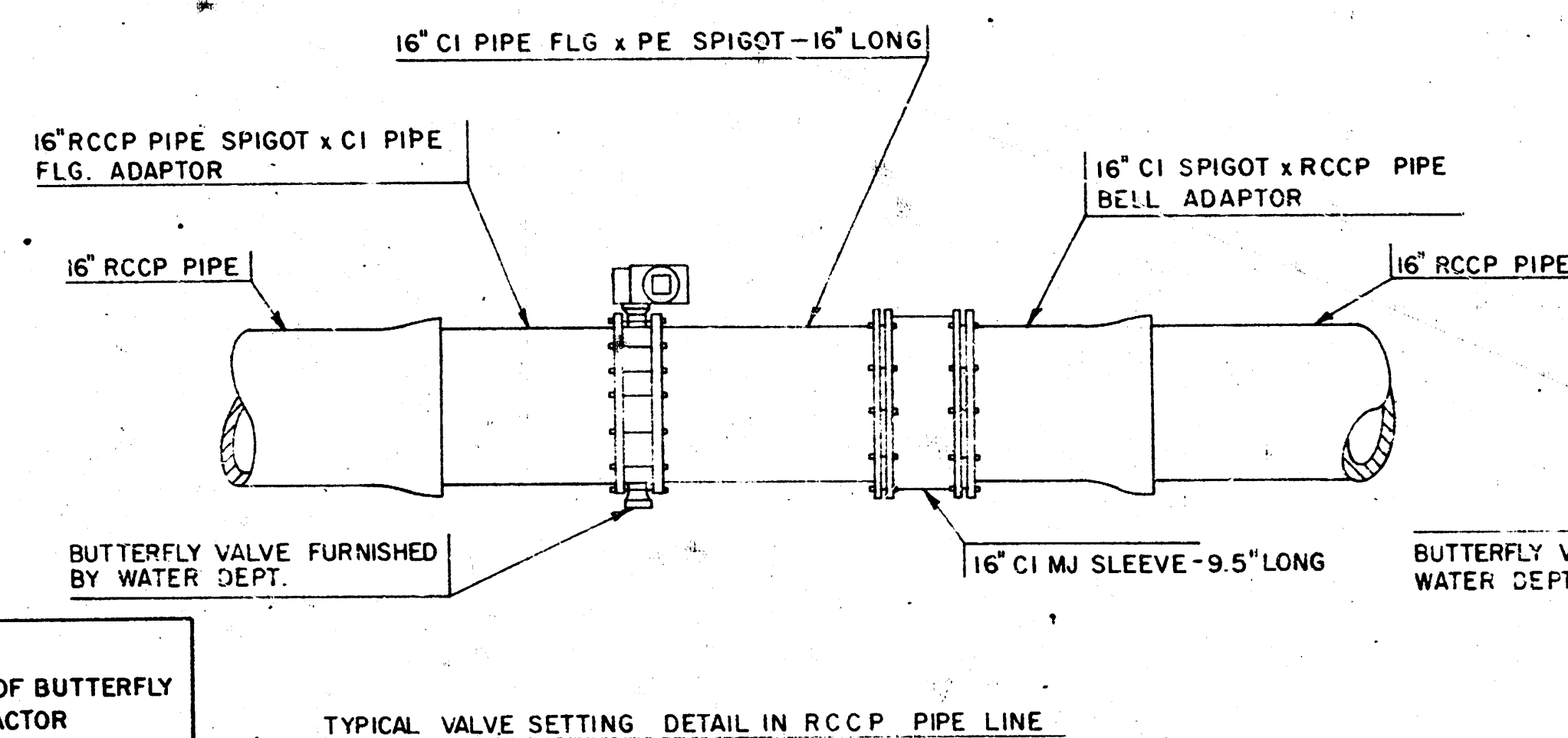
1965

SHEET 1 of 4

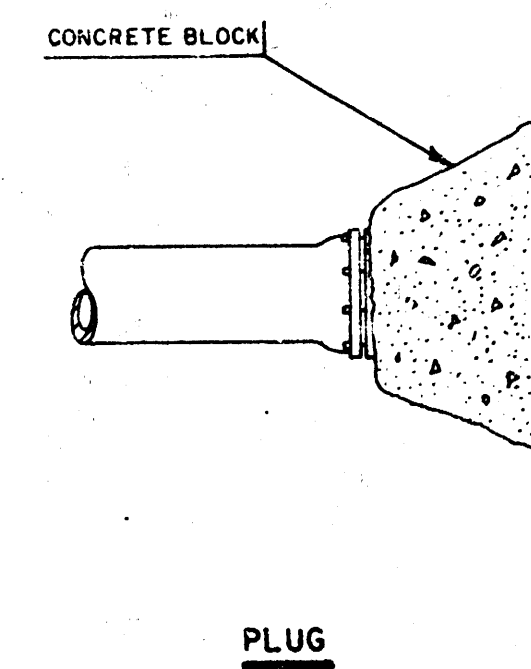




NOTE:
BOLTS & NUTS FOR INSTALLATION OF BUTTERFLY VALVE TO BE FURNISHED BY CONTRACTOR



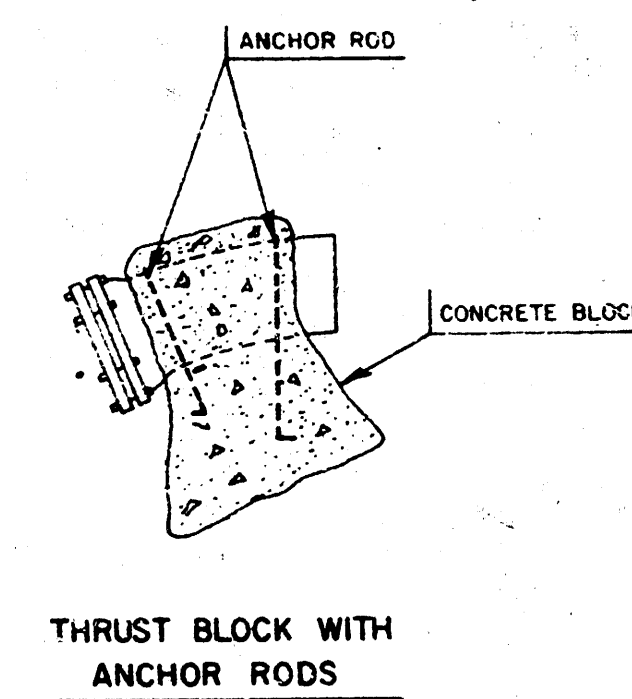
TEE



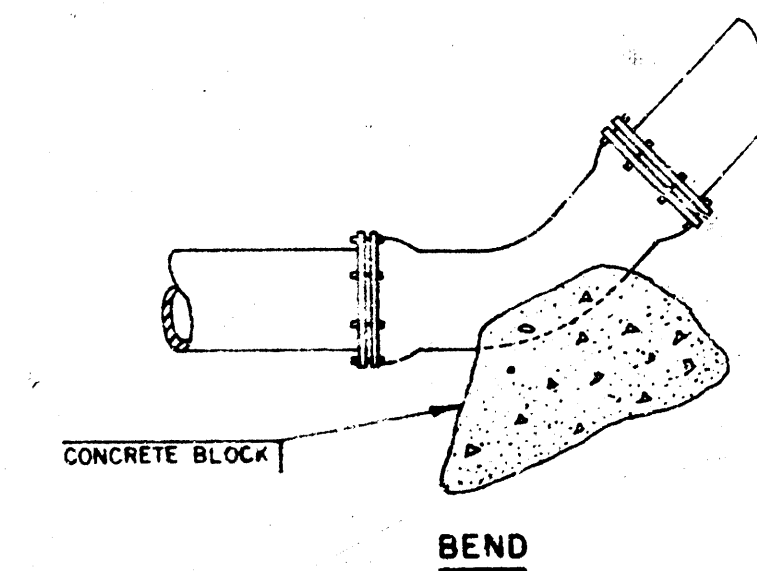
PLUG

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

TYPICAL THRUST BLOCKS



THRUST BLOCK WITH ANCHOR RODS



BEND

CITY OF WICHITA WATER DEPARTMENT DESIGN AND PLANNING DIVISION		
SCALE: NONE	APPROVED BY:	DRAWN BY: T.W.F.
DATE: 11-2-64		REVISED: 11-11-65
DETAIL SKETCHES		
BENEFIT DISTRICT NO. 71-65	DRAWING NUMBER W-4506	