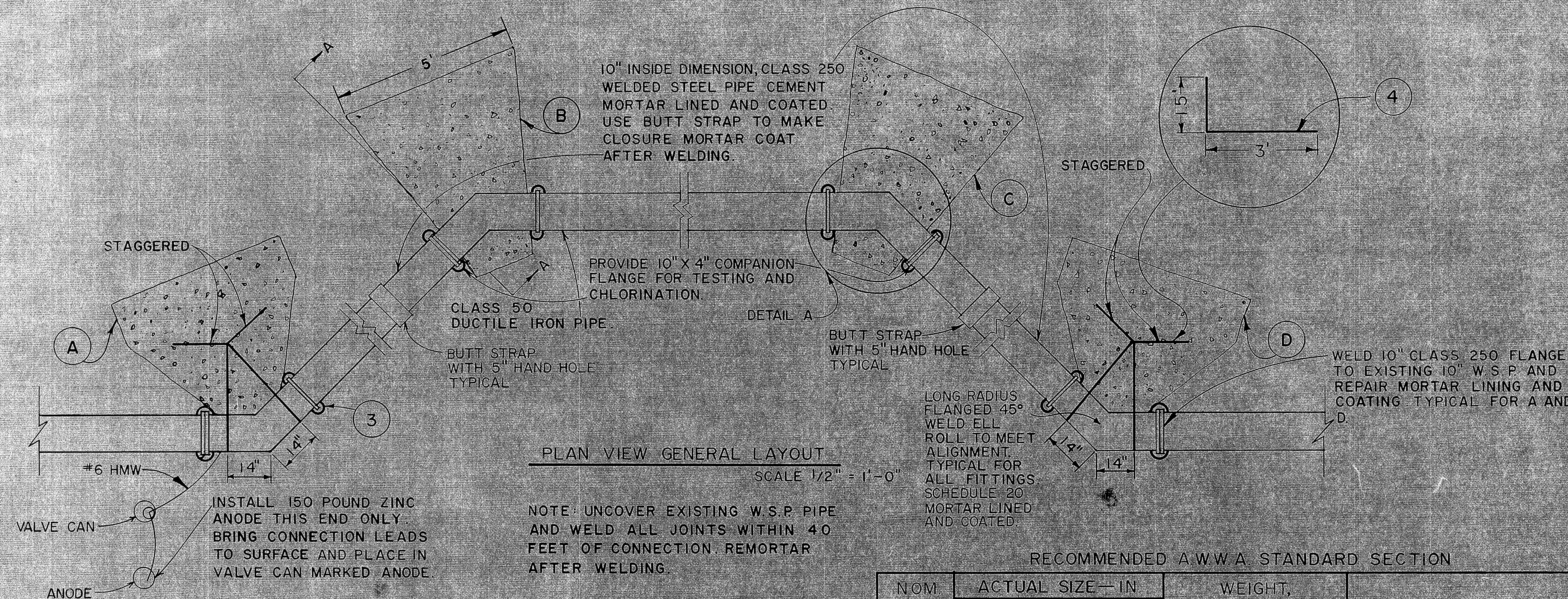


THRUST BLOCK DIMENSIONS				
THRUST BLOCK	A	B	C	D
DIMENSIONS IN FEET	5.5'x5'	5.5'x5'	5.5'x5'	5.5'x5'
REINFORCEMENT	2 # 8	—	—	2 # 8

CONSTRUCTION NOTES

SEE SHEET 13.

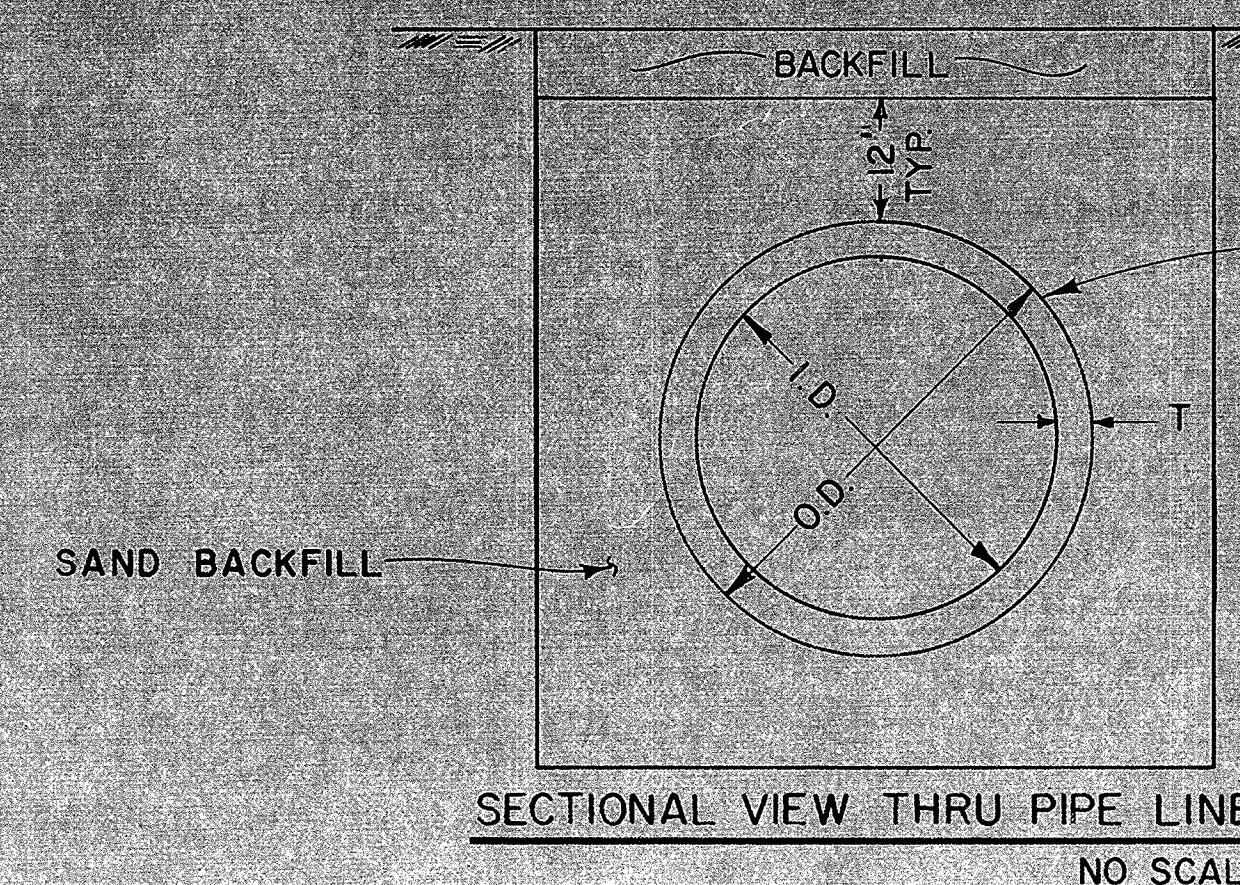


PLAN VIEW GENERAL LAYOUT

SCALE 1/2" = 1'-0"

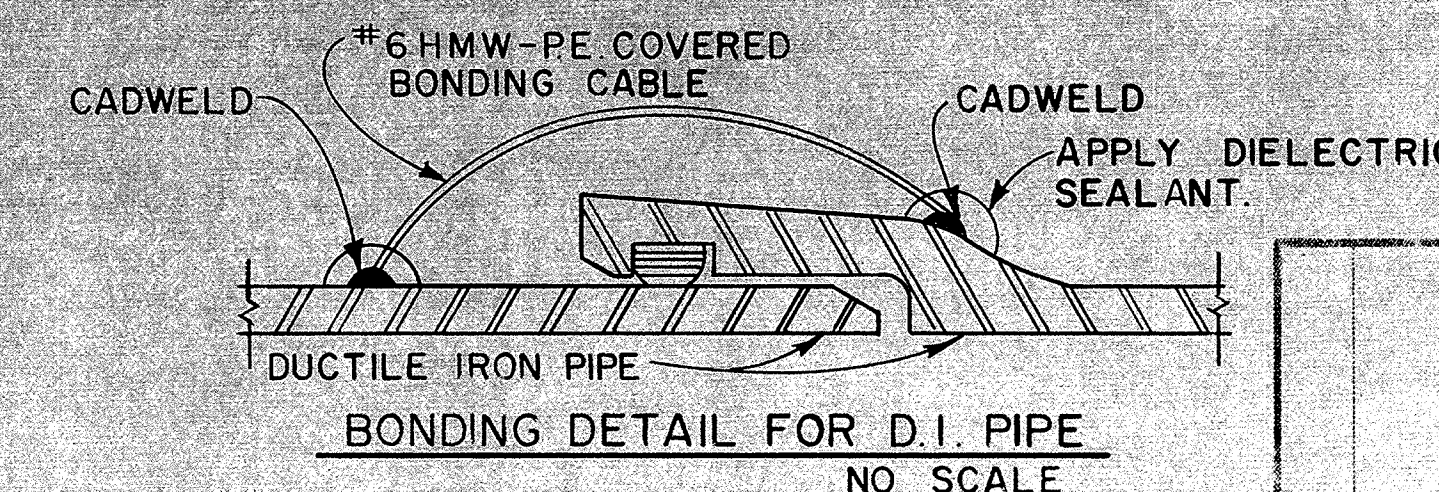
NOTE: UNCOVER EXISTING W.S.P. PIPE AND WELD ALL JOINTS WITHIN 40 FEET OF CONNECTION. REMORTAR AFTER WELDING.

RECOMMENDED A.W.W.A. STANDARD SECTION					
NOM. SIZE IN.	ACTUAL SIZE - IN.		WEIGHT, PLAIN ENDS BARE LB./FT.	WALL THICKNESS - IN.	
	O.D.	I.D.			
10	11.10	—	3.2	0.29	—



SECTIONAL VIEW THRU PIPE LINE

NO SCALE



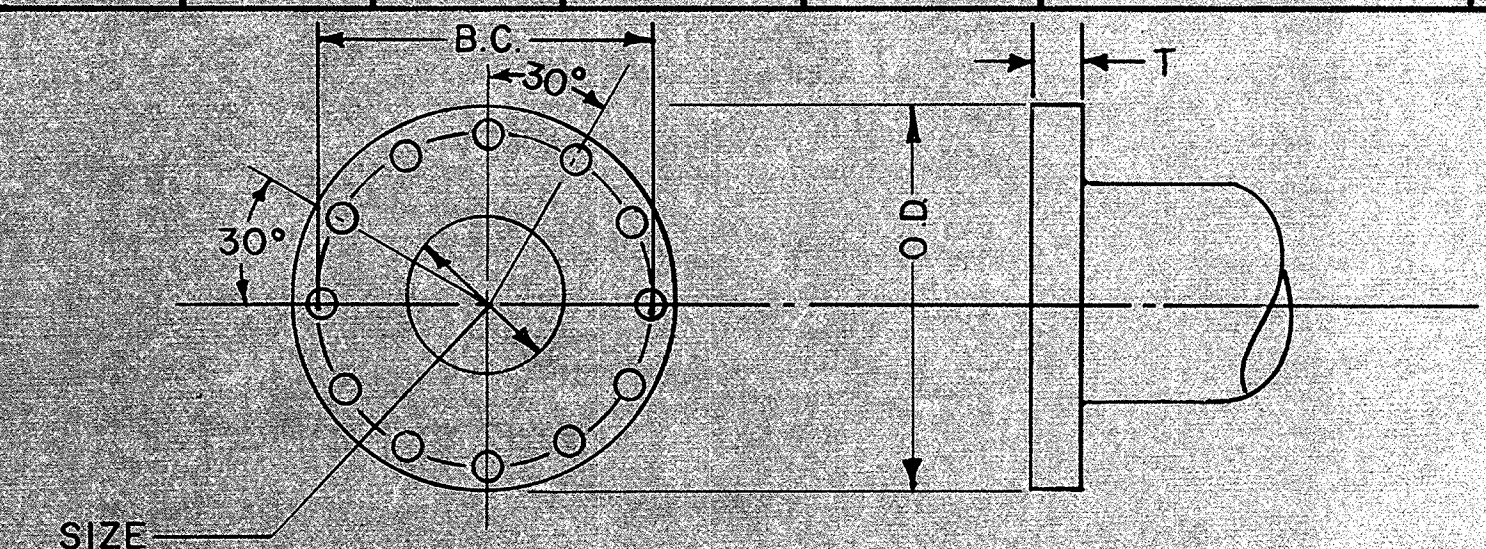
BONDING DETAIL FOR D.I. PIPE

DETAIL A

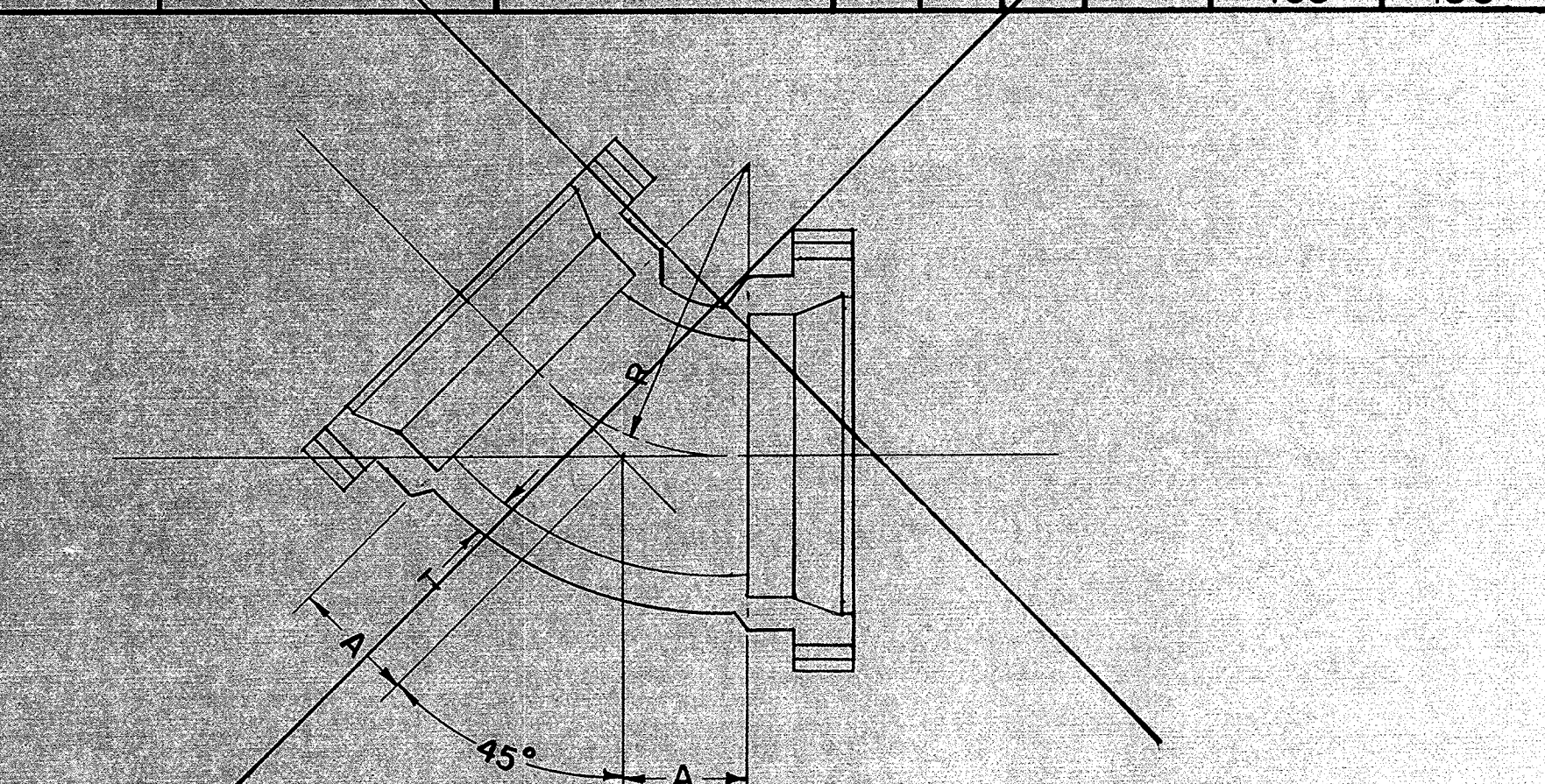
NO SCALE

- NOTES:
1. CLEAN OUTSIDE OF PIPE TO BARE METAL BEFORE CADWELDING.
 2. AFTER WELDING, COAT CADWELD, EXPOSED WIRE AND PIPE METAL WITH DIELECTRIC SEALANT.
 3. TWO (2) BOND CABLES SHALL BE PROVIDED AT EACH JOINT.

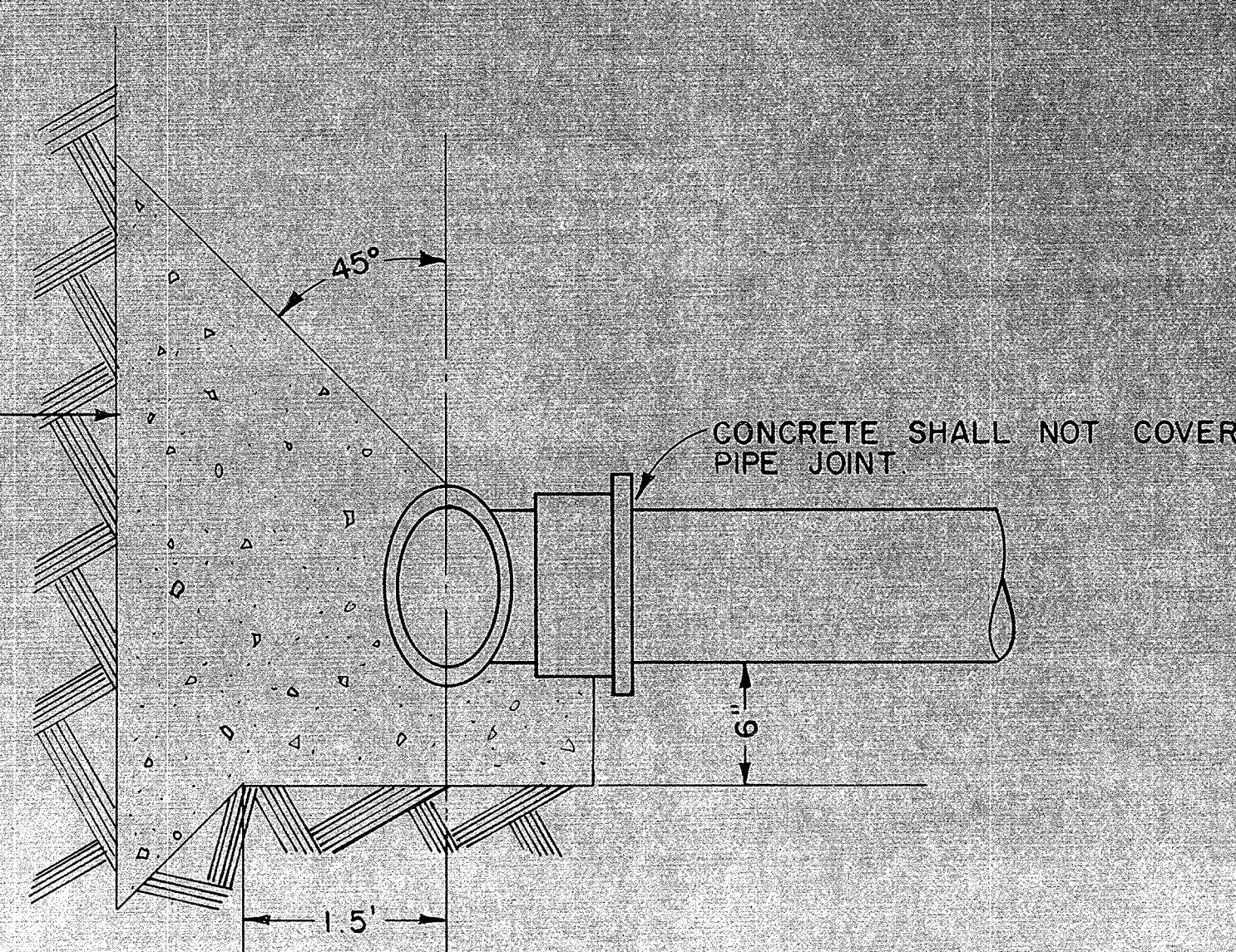
U.S. PIPE D. I. FLANGE OR AN APPROVED EQUAL						
SIZE	DIMENSIONS IN INCHES				BOLT HOLE & LGTH.	NO. OF BOLTS
	O. D.	B. C.	T	BOLT HOLE DIA.		
10	16.00	14.25	1.19 ± .12	1	7/8 X 3 3/4	12



U.S. PIPE TYTON FITTINGS, OR AN APPROVED EQUAL						
SIZE	PRESSURE RATING PSI.	IRON STRENGTH PSI. (1,000s)	DIMENSION IN INCHES			
			T	A	S	R
10	250	25	68	65	45	10.88



POUR CONCRETE AGAINST UNDISTURBED SOIL OR COMPACTED FILL



SECTION A-A

NO SCALE

1 1/2 0 1 2
3 inches on original drawing

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY		SHEET 14	
TRABUCO CANYON ROAD AT TRABUCO CREEK.			
RELOCATION OF SANTA ANA MOUNTAIN COUNTY WATER DISTRICT WATER LINE.			
MARK DATE	DESCRIPTION	PREPARED UNDER SUPERVISION OF	DATE
REVISIONS			
DESIGNED	H. S. H.	SCALE	DATE
DRAWN	H. S. H.	AS SHOWN	9-80