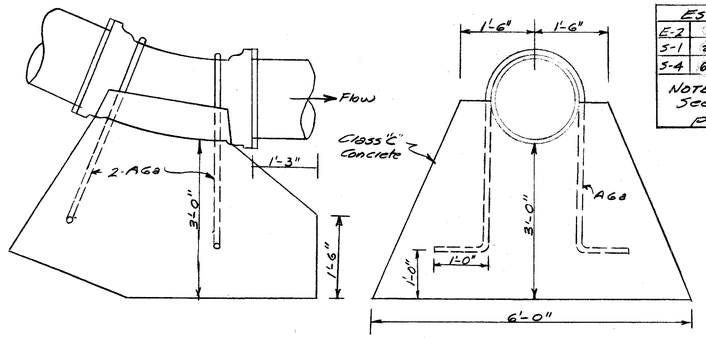
LAK. 2- 13.72
LAK. 44- 5.88
LAKE COUNTY

7/8

THRUST ANCHOR BLOCKS						
MK	SIZE	No.	LENGTH	TOTAL FT.	WT.	SHAPE
AG2	3/4 ø	16	11'-0"	176	264.35	Bent
AG6	3/4 ø	12	14'-0"	336	252.33	Bent
AG6	3/4 ø	24	4'-0"	96	144.19	Str.
					660.88	

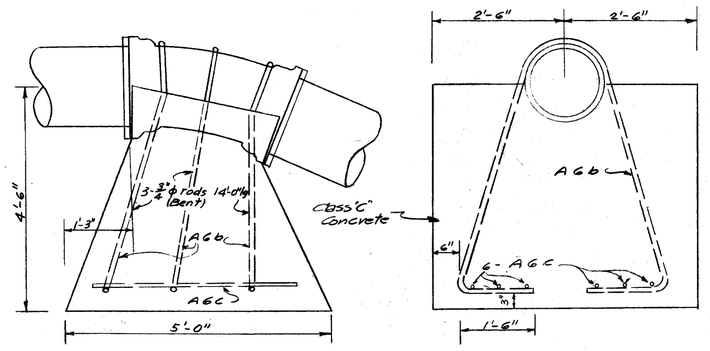
ESTIMATED QUANTITIES			
E-2	28	cu. yd.	Excavation for structure
S-1	25	cu. yd.	Concrete for structure
S-4	661	lbs	Reinforcing steel

NOTE:
See general summary for piping and appurtenances

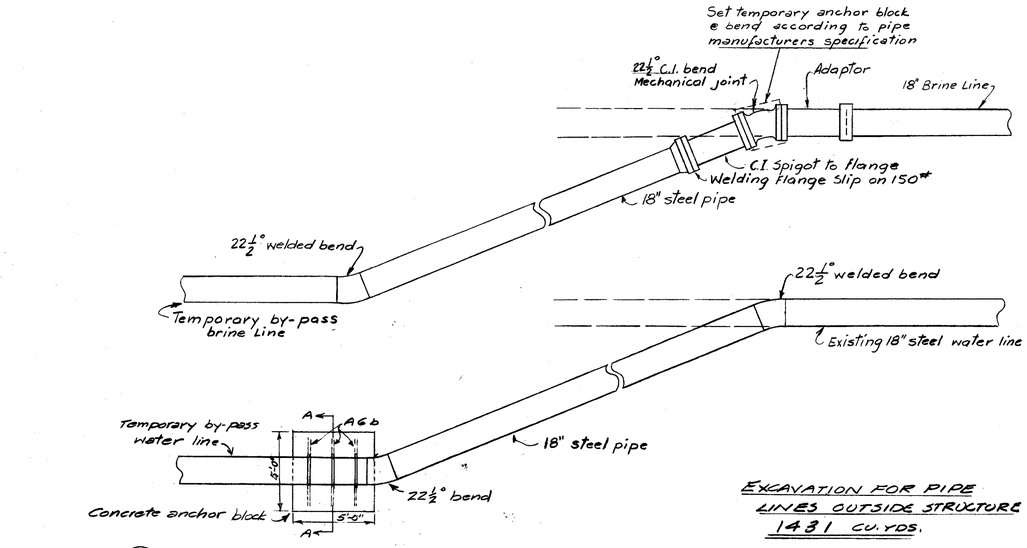


DETAIL OF ANCHOR No. 2 - 8 REQ'D
3/4" = 1'

NOTE: ALL CONCRETE FOR ANCHORS TO BE PLACED ON UNDISTURBED SOIL.



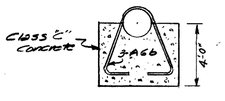
DETAIL OF ANCHOR No. 1 - 4 REQ'D
3/4" = 1'



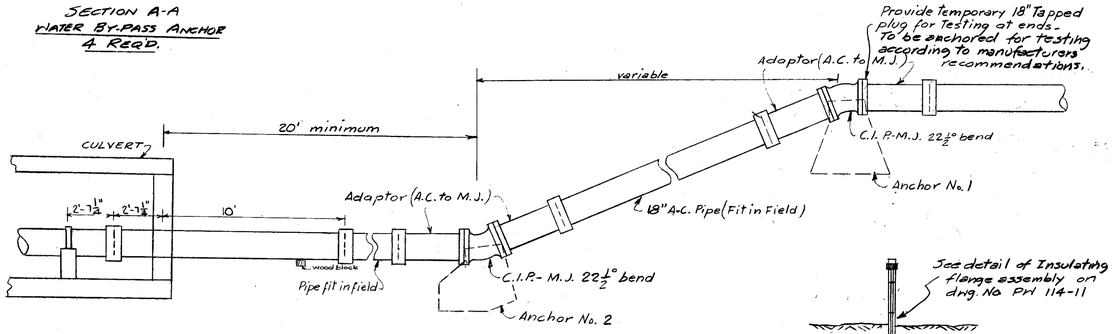
PLAN OF
TEMPORARY BY-PASS
1" = 1'

EXCAVATION FOR PIPE LINES OUTSIDE STRUCTURE
1431 CU. YDS.

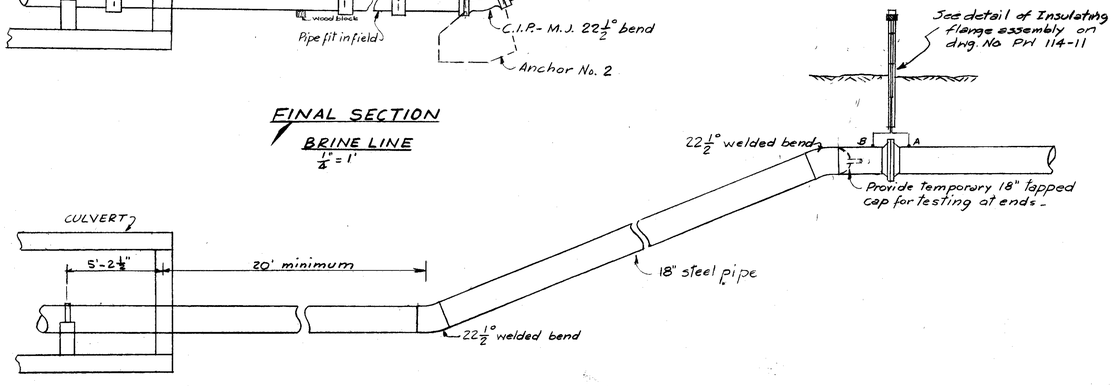
EXCAVATION PAYMENT LIMITS:
STRUCTURE - 12 FT. WIDE
PIPING - 10 FT. WIDE



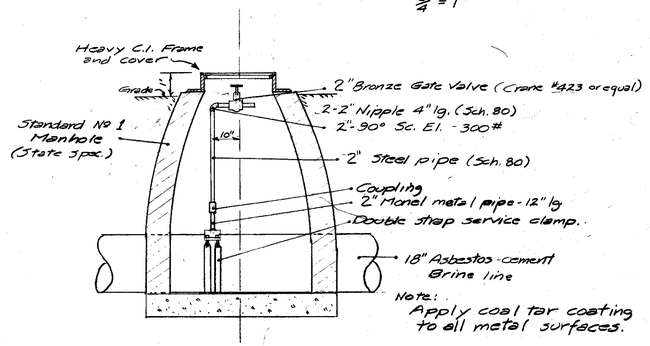
SECTION A-A
WATER BY-PASS ANCHOR
4 REQ'D.



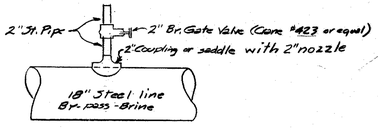
FINAL SECTION
BRINE LINE
1/4" = 1'



FINAL SECTION
WATER LINE
1/4" = 1'



DETAIL OF
AIR RELEASE VALVE
(BRINE)



DETAIL OF
TEMPORARY AIR RELEASE
ON BRINE BY-PASS LINE.
(To be set at high point.)

PW 135-13-1
PW 135-13-1
PW 114-11

REFERENCE DRAWINGS

ASSOCIATE ENGINEERS
FULLERTON AND KERR
PAINESVILLE, OHIO

APPROVALS: V.H.K. DATE 4/19/60
CONTRACT NO.

DWG.	B.M.	APPRO. NO.	REVISION DESCRIPTION	DATE	BY	CH'K'D.	APP'D.
A			ORIGINAL ISSUE				

DWG.	B.M.	APPRO. NO.	REVISION DESCRIPTION	DATE	BY	CH'K'D.	APP'D.

APPROVED FOR CONST. J.A. Bassett DATE 5/4/60
DRAWN E.I. DATE
CHECKED WGP DATE 4-6-60
SCALE As shown B.M. —

OTHER APPROVALS
DATE
DATE
DATE
DATE

PLANT PAINESVILLE DEPT. W
BRINE AND WATER LINE TO JACKSON ST. BRINE FIELD S.R. 2 AND S.R. 44
PIPING DETAILS

DIAMOND ALKALI COMPANY
CENTRAL ENGINEERING DEPARTMENT

PW 131-5 A