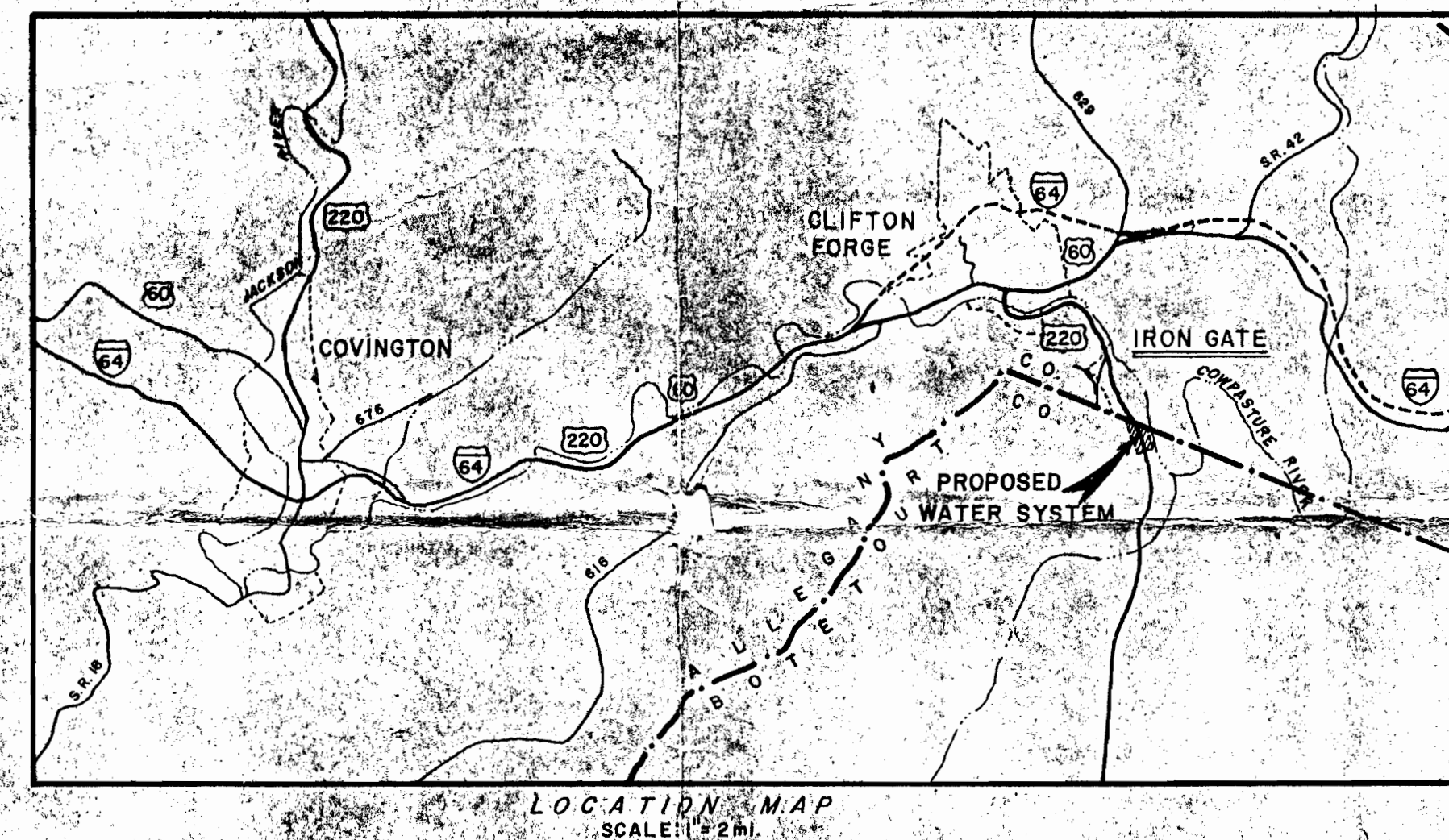
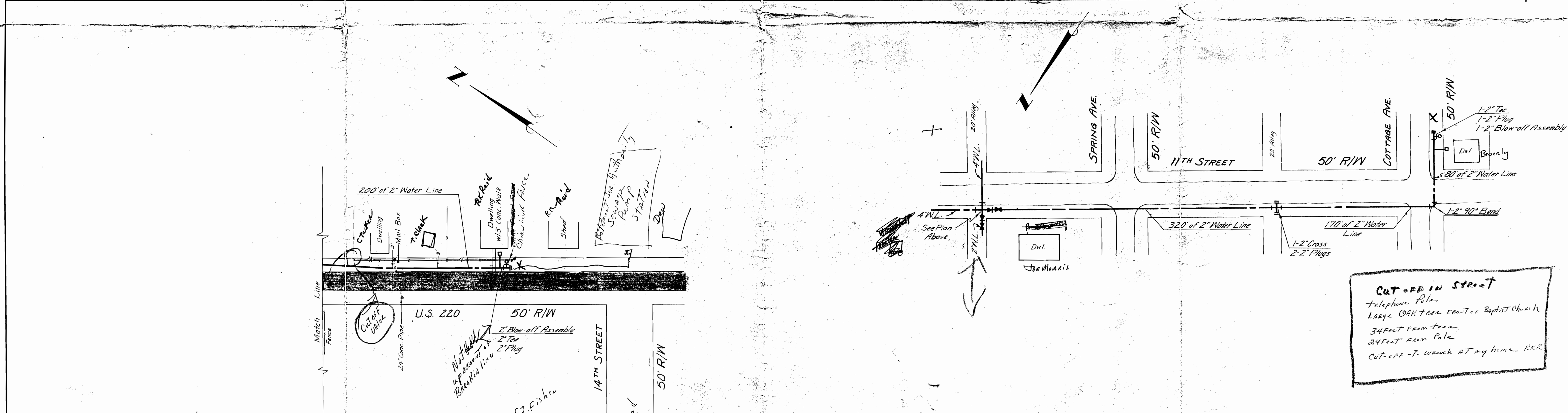
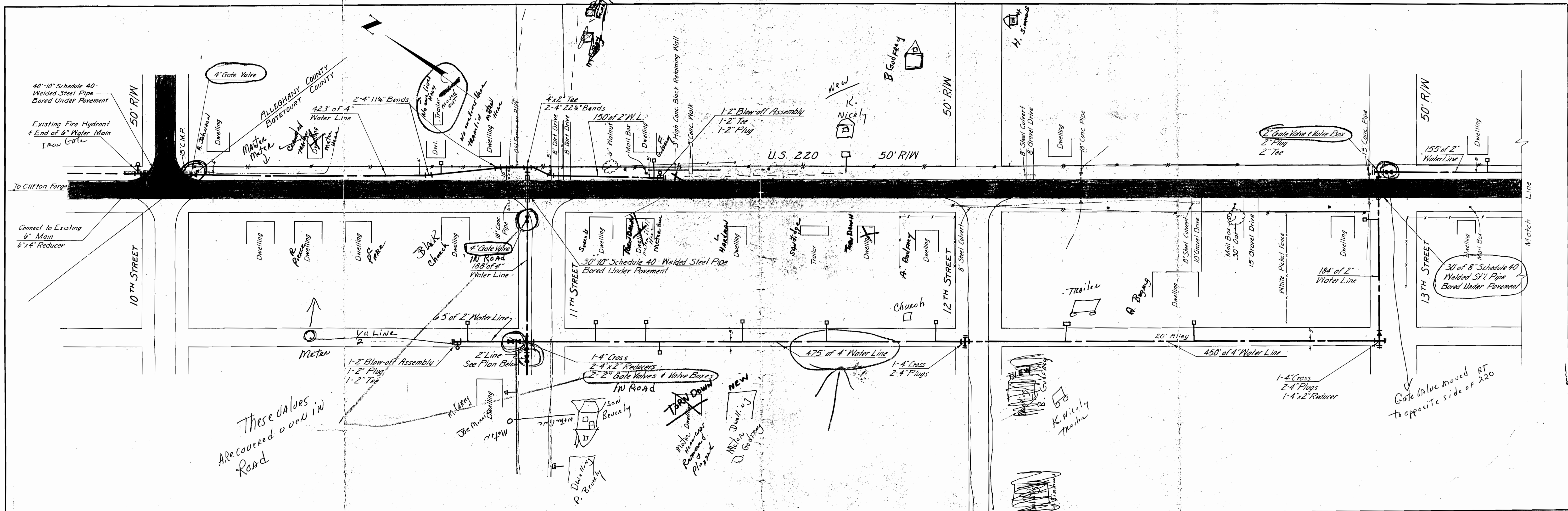


IRON GATE IMPROVEMENT CORPORATION
BOTETOURT COUNTY, VIRGINIA
PROPOSED WATER SYSTEM



MARTIN, CLIFFORD & ASSOCIATES
ENGINEERS & CONSULTANTS
STAFFORD, VA.



CUT-OFF IN STREET
 Telephone Pole
 Large OAR tree front of Baptist Church
 34 feet from tree
 24 feet from Pole
 Cut-off - T. Wrench at my home - R.R.

NO.	DATE	DESCRIPTION	BY	CKD.

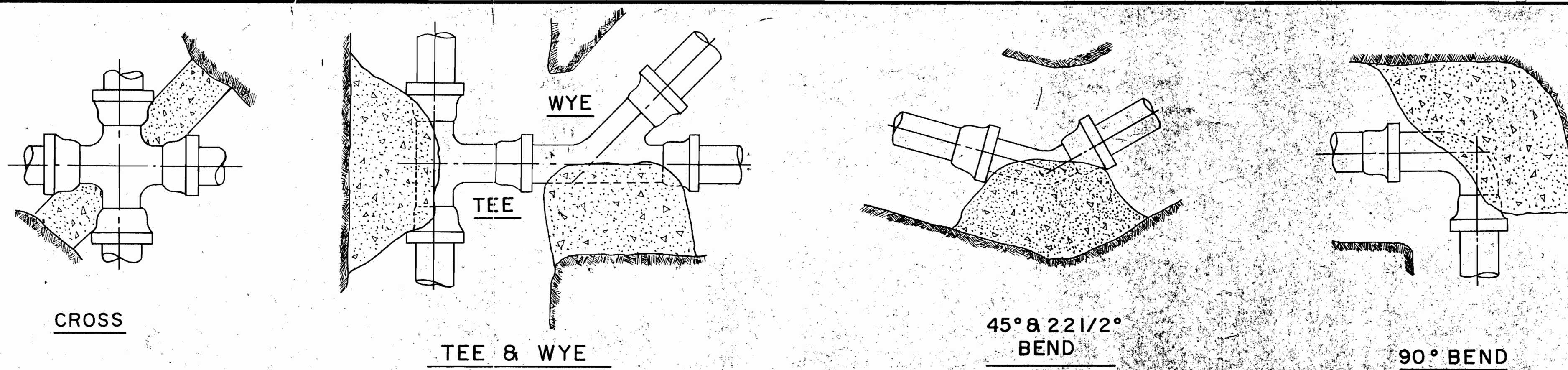
MARTIN, CLIFFORD & ASSOCIATES
 Engineers and Consultants
 P.O. BOX 216, STAFFORD, VIRGINIA 22554

**PROPOSED WATER SYSTEM
 FOR
 IRON GATE IMPROVEMENT CORP.**

BOTETOURT COUNTY, VIRGINIA

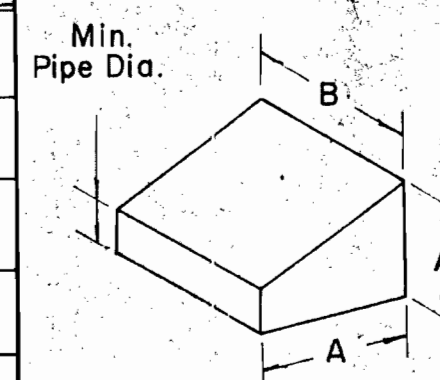
DES. G.W.C. JOB NO. 7107-3
 DRWN. K.W.D. DATE: JUNE 1971
 APP. SCALE: 1" = 50'

SHEET NO. 2
 OF 3 SHEETS

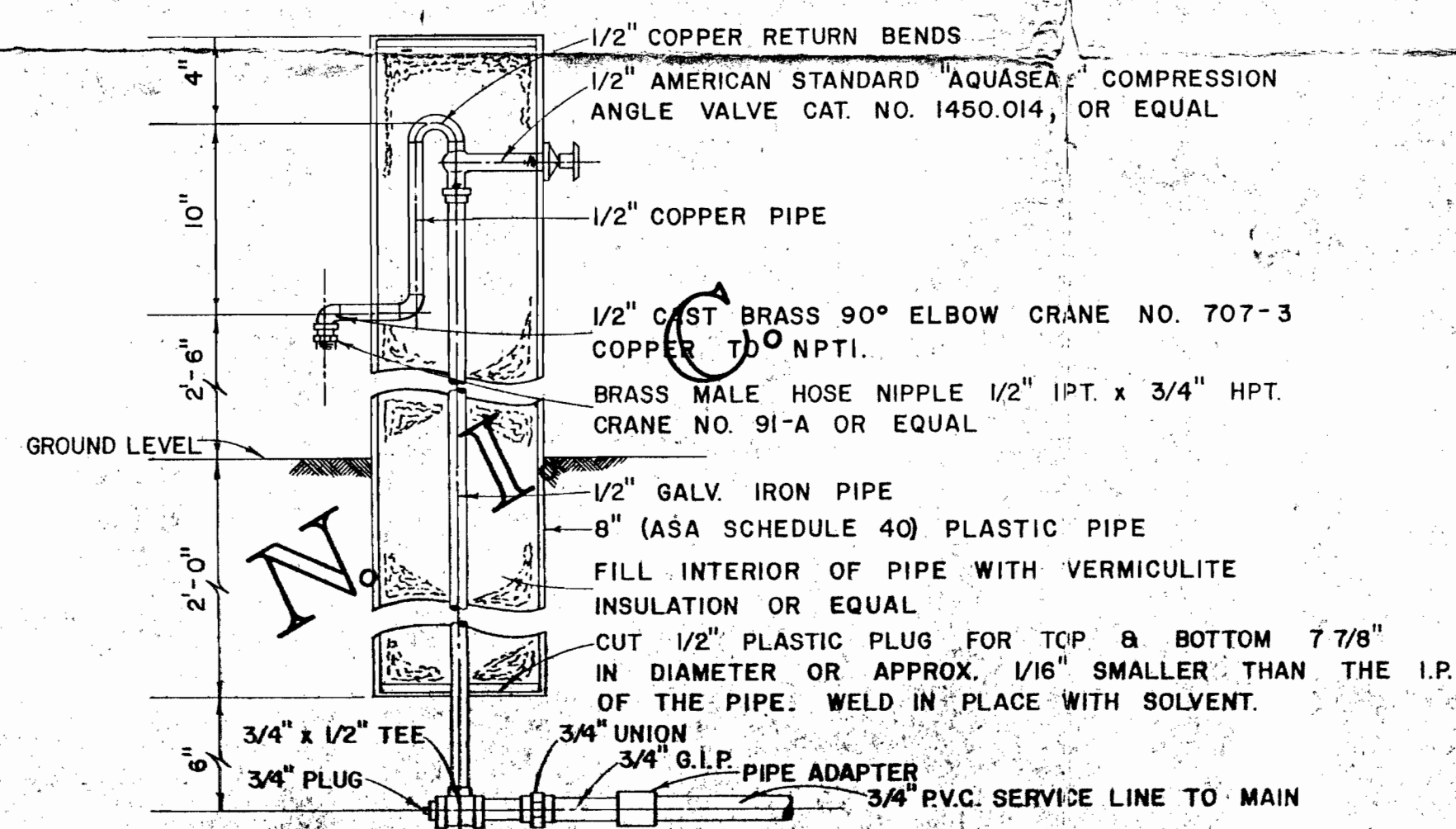
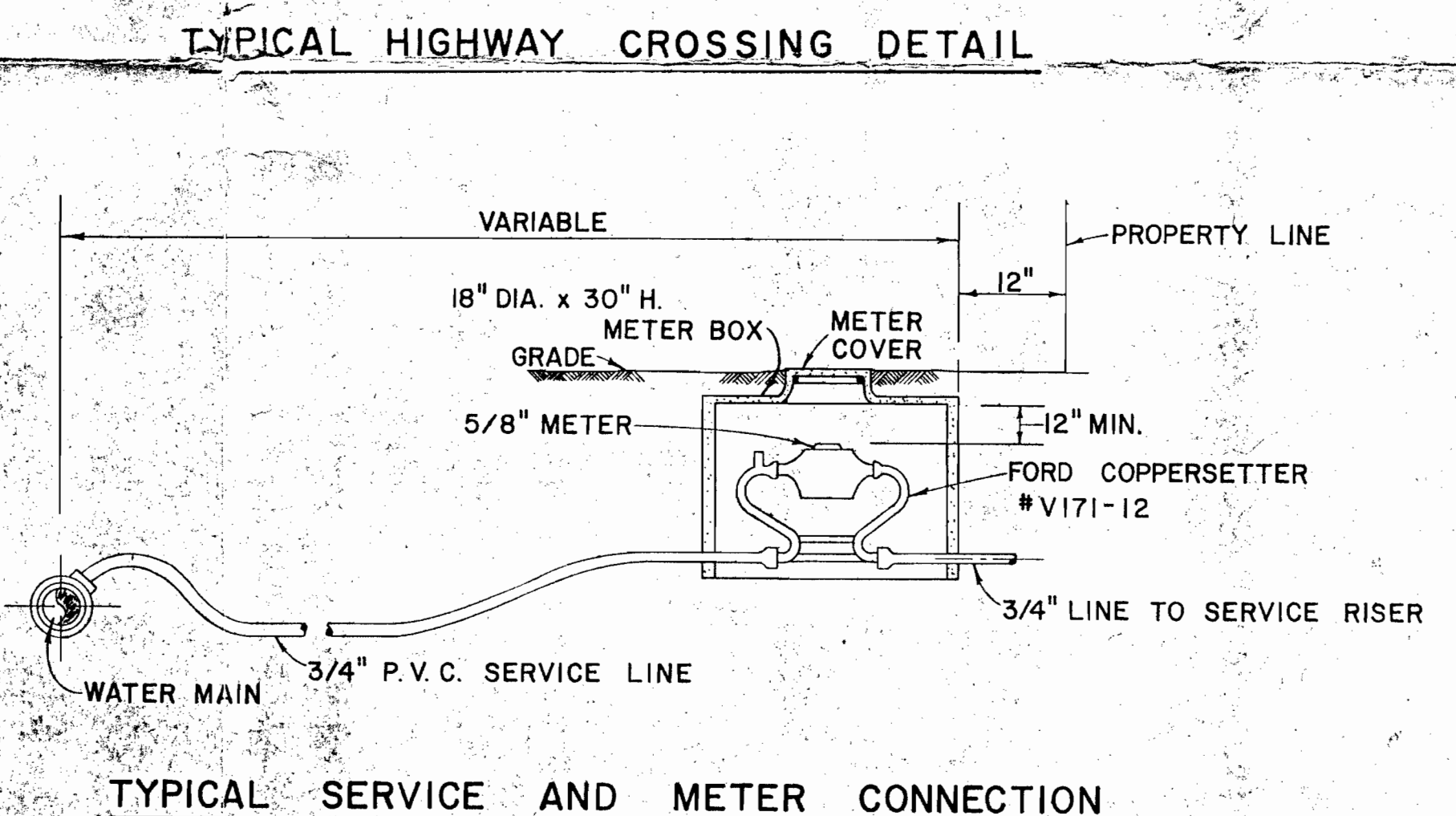
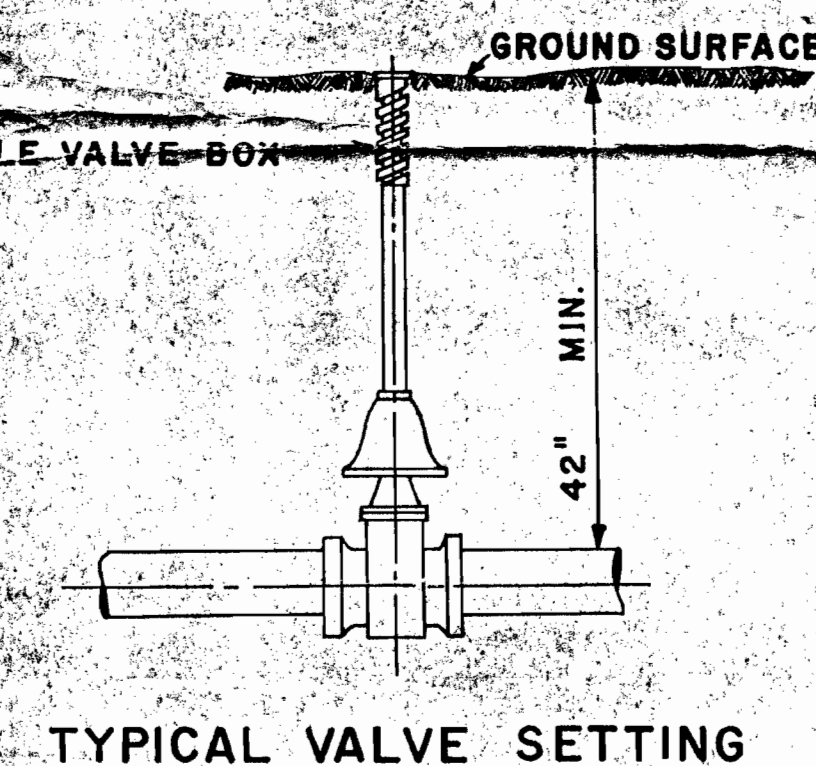
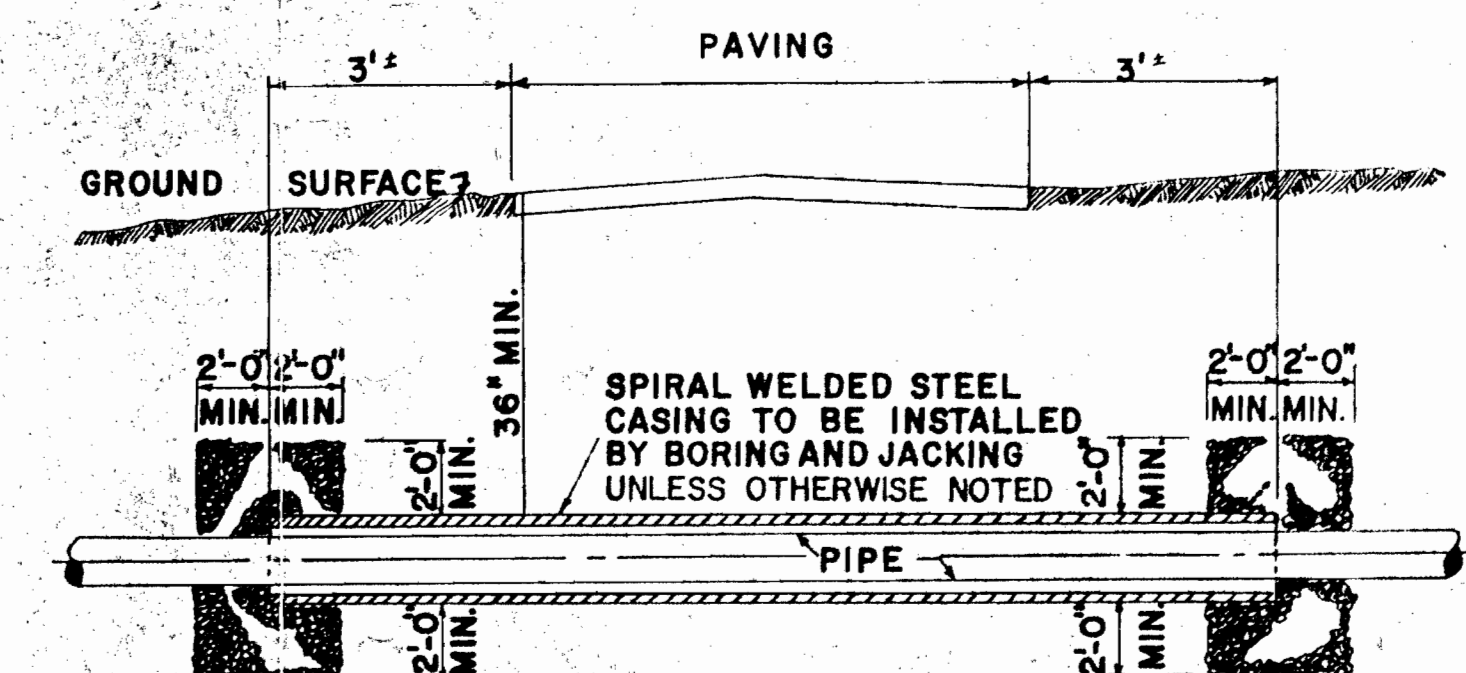
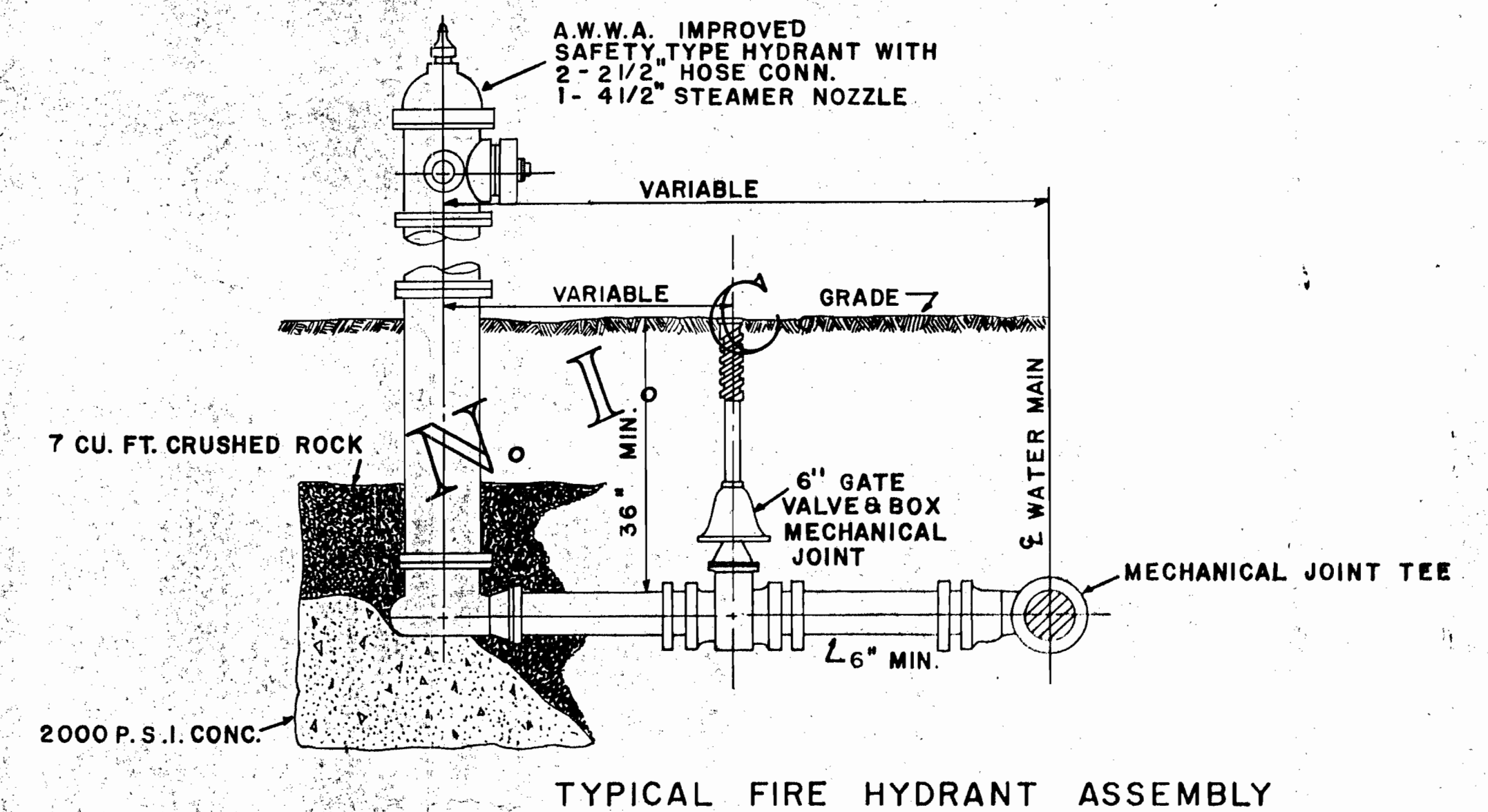
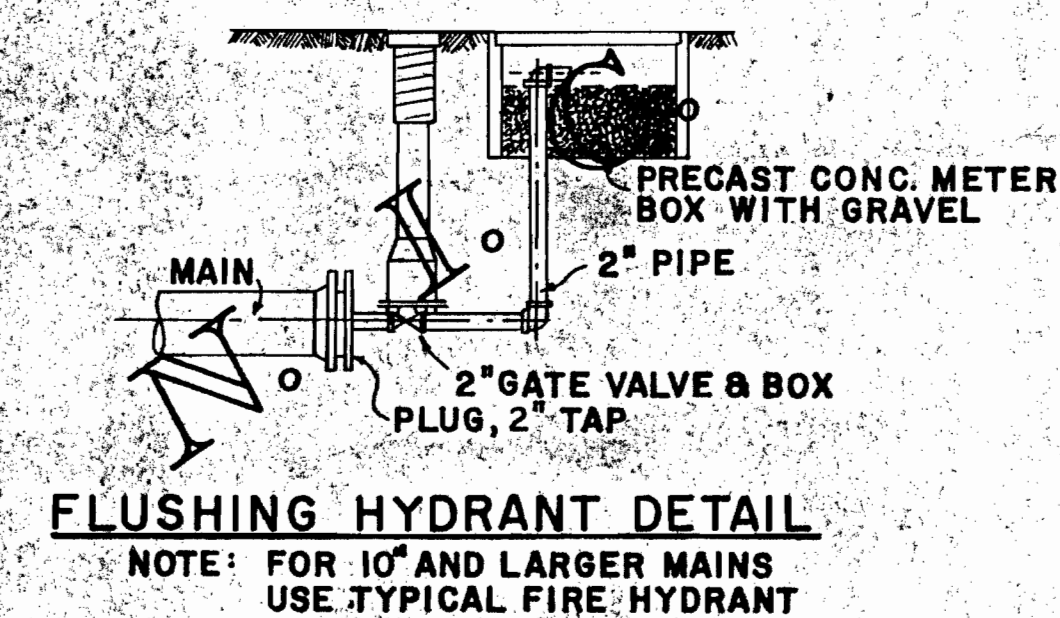


THRUST BLOCK DETAILS

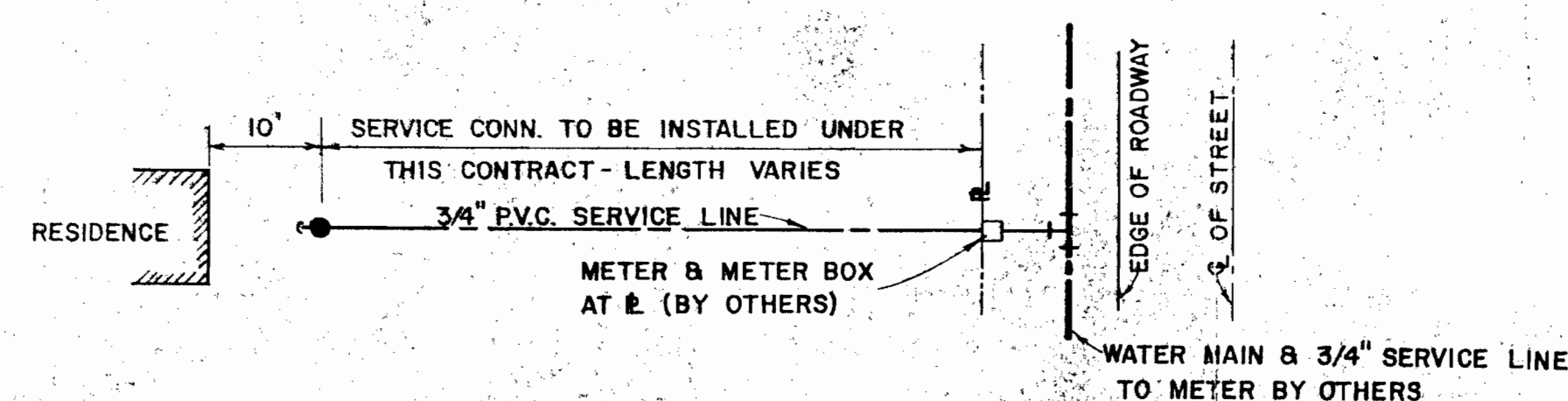
PIPE DIA.	TEE, CROSS, 90°		45° or WYE		22 1/2°	
	A	B	A	B	A	B
4"	12"	12"	12"	12"	12"	12"
6"	12"	12"	12"	12"	12"	12"
8"	15"	24"	12"	18"	12"	12"
10"	20"	30"	18"	24"	12"	18"
12"	24"	36"	20"	20"	12"	18"
14"	24"	48"	24"	30"	12"	18"



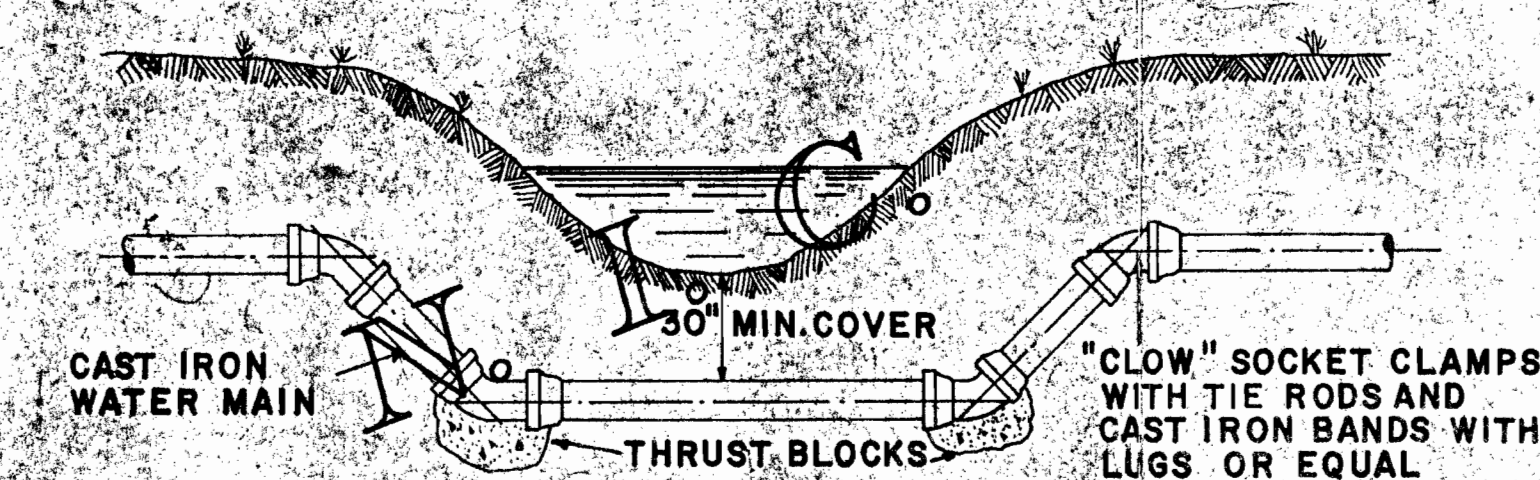
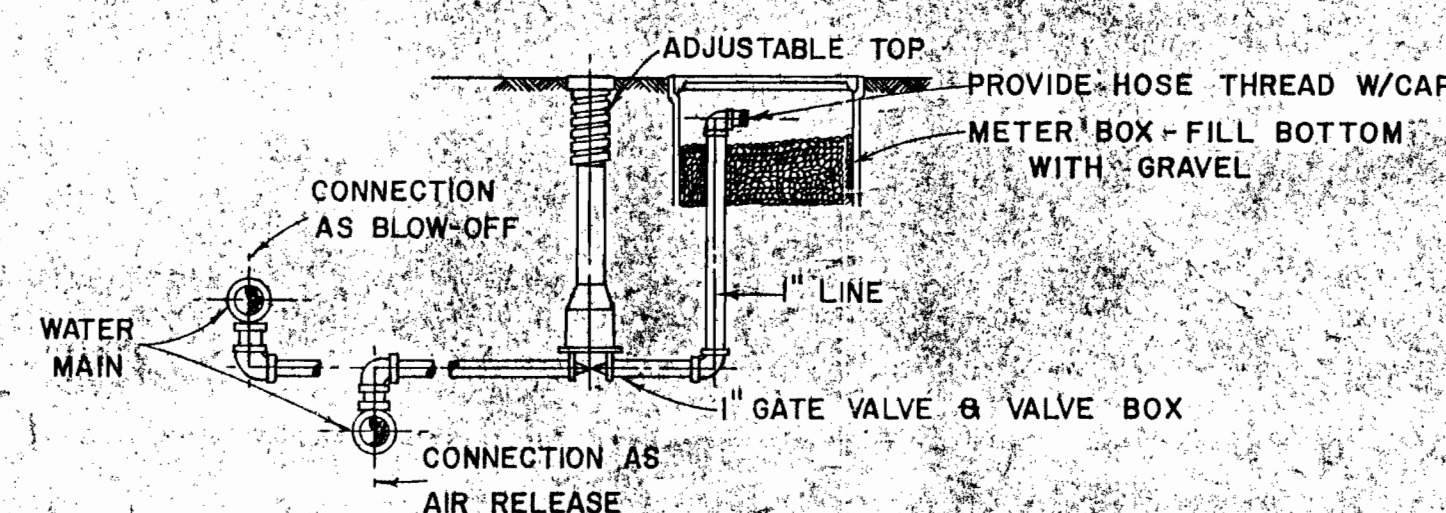
THRUST BLOCK SIZES



SCALE: 1 1/2" = 1'-0"



SCALE: 1" = 10'



NOTE:

Actual number of service connections and their final location will be determined in the field during construction.

NOTE:

Contractor will disregard details not applicable to this contract.

Robert R. R. R. R.
MARTIN, CLIFFORD & ASSOCIATES
Engineers and Consultants
P.O. BOX 216, STAFFORD, VIRGINIA 22554

PROPOSED WATER SYSTEM FOR IRON GATE IMPROVEMENT CORP. STANDARD DETAIL SHEET			
BOTETOURT COUNTY, VIRGINIA			
DES.	JOB NO. 7107-3		
DRWN. K.W.D.	DATE: JUNE 1971	SHEET NO. 3	
APP.	SCALE: AS SHOWN	OF 3 SHEETS	

