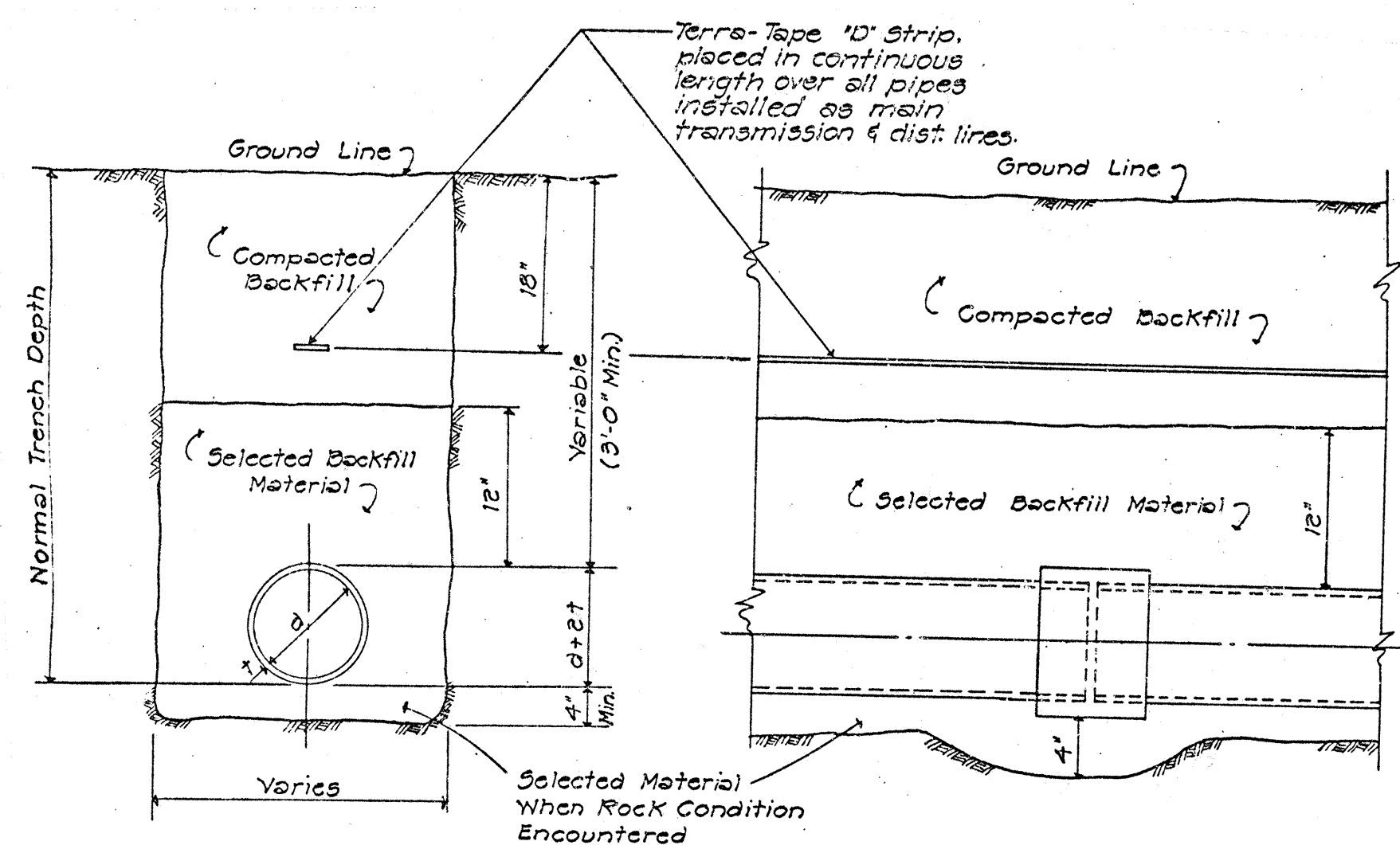


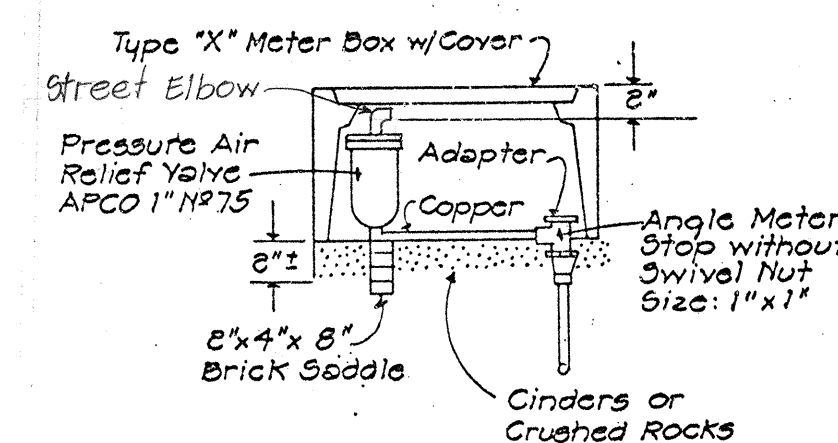
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	36A-01-74	1974	45	53



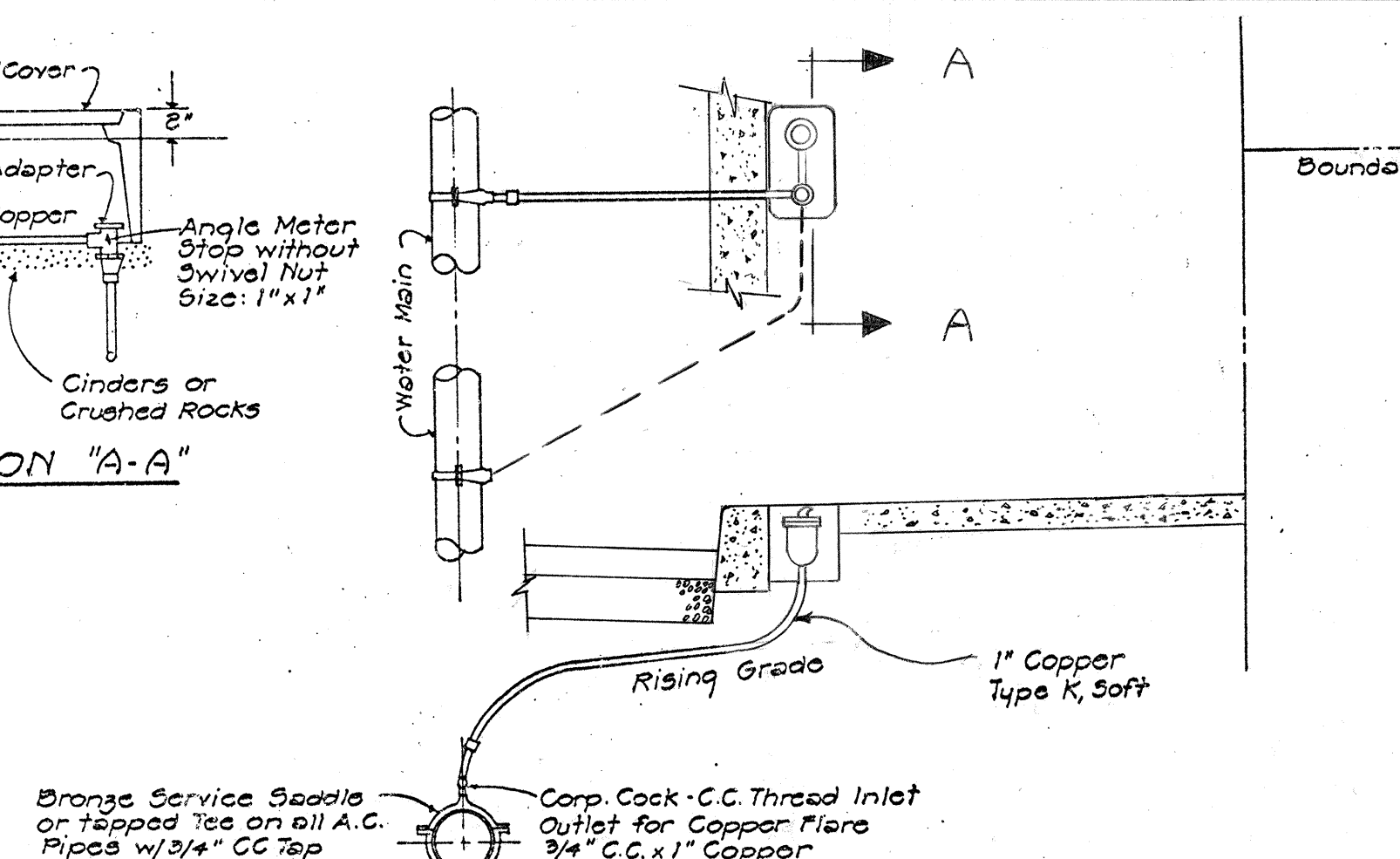
TYPICAL SECTION

DETAIL AT JOINT

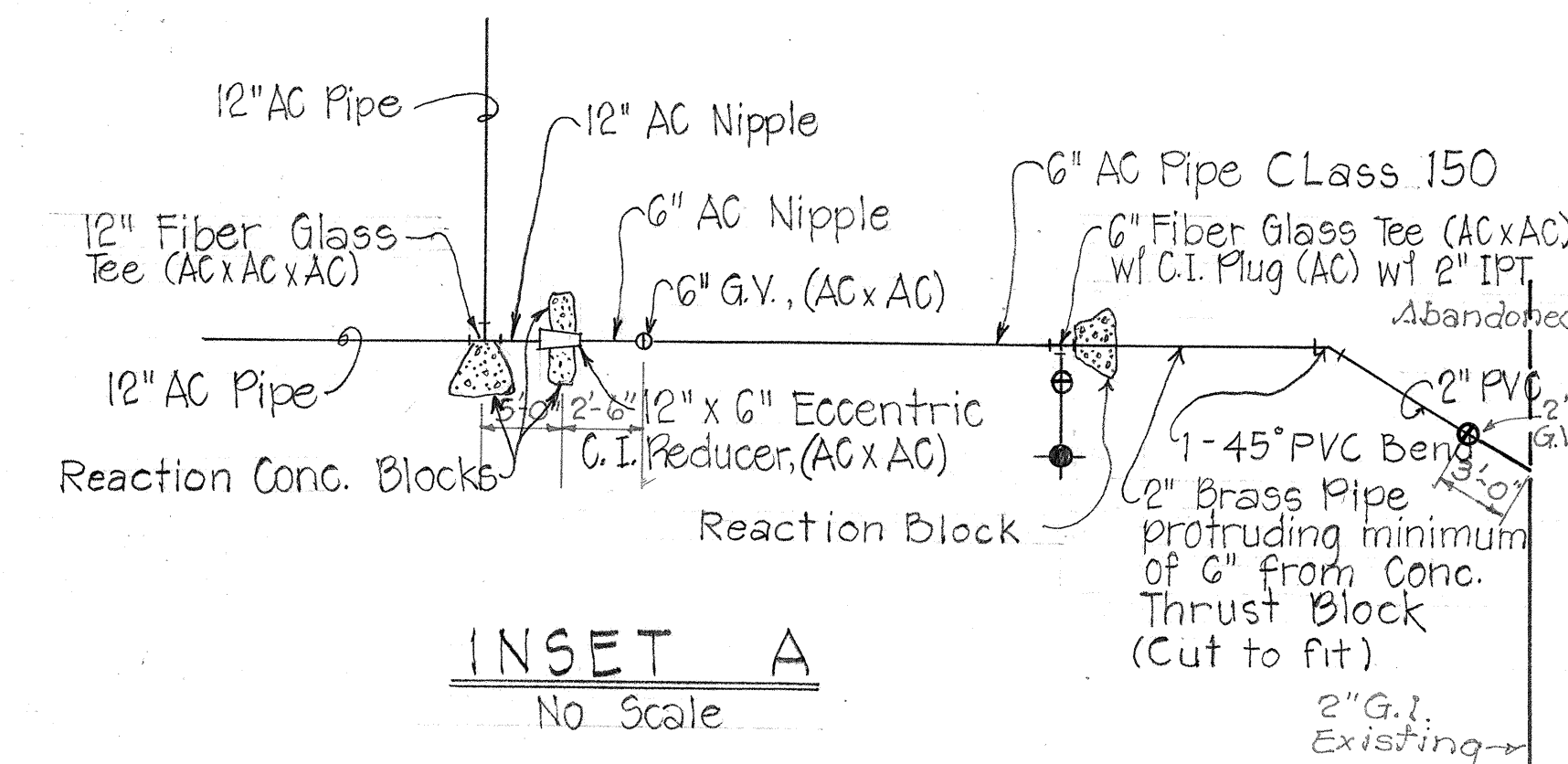
PIPE SIZE	TRENCH WIDTH	WIDTH OF REPAVING
3"	18"	42"
4"	18"	42"
6"	21"	45"
8"	24"	48"
12"	28"	52"
16"	31"	55"
20"	33"	57"



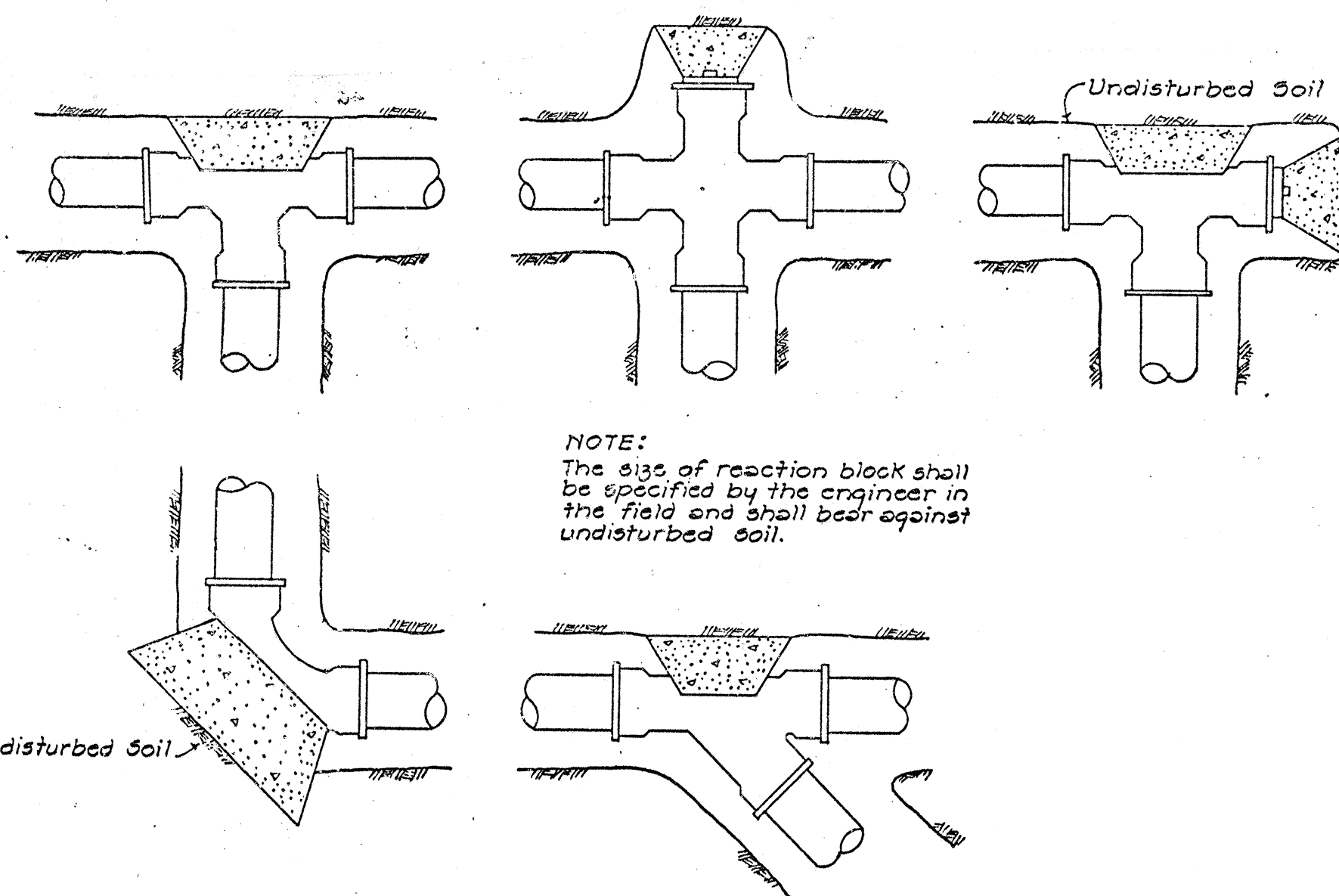
SECTION "A-A"



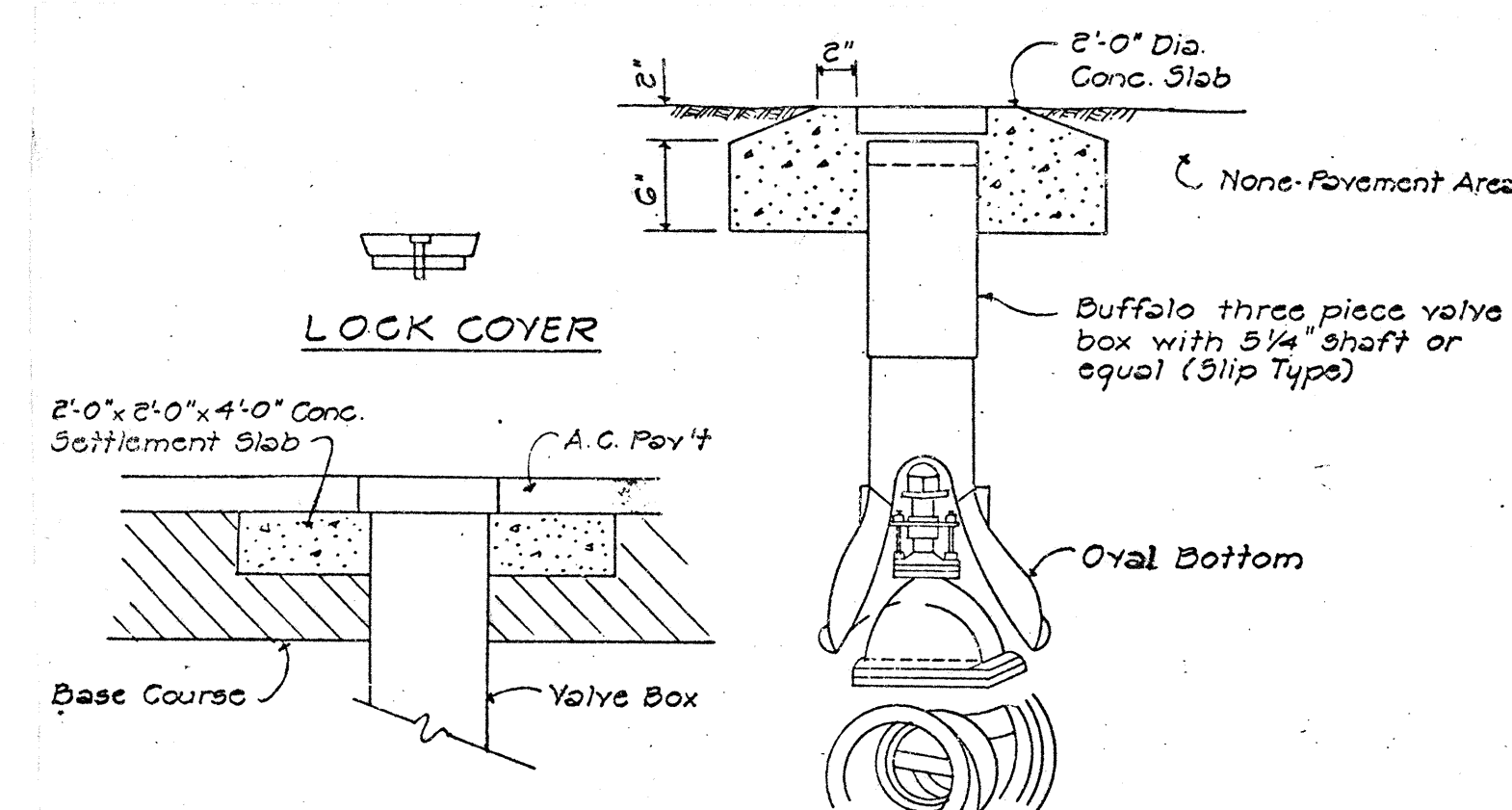
AUTOMATIC PRESSURE
AIR RELIEF VALVE



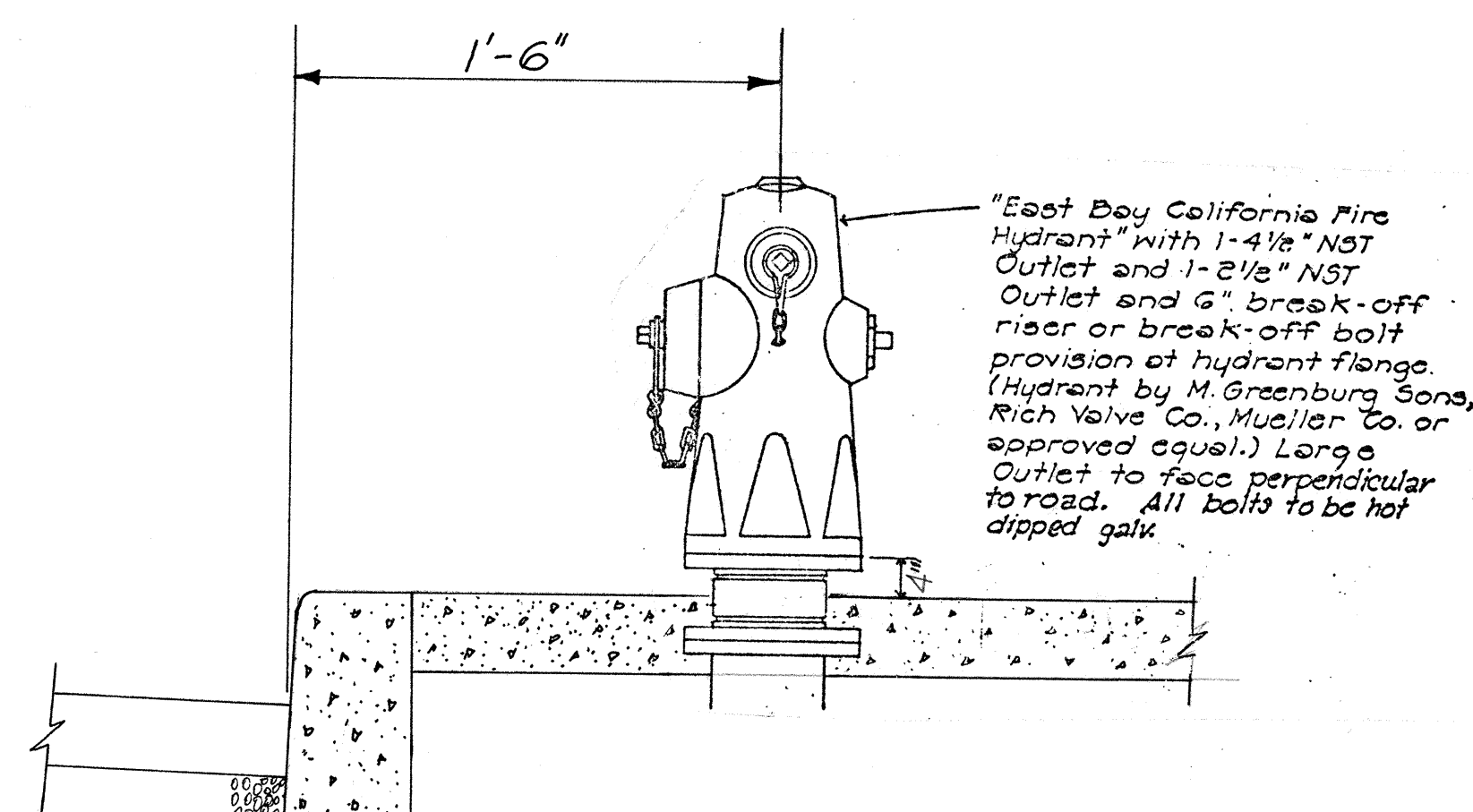
INSET A
No Scale



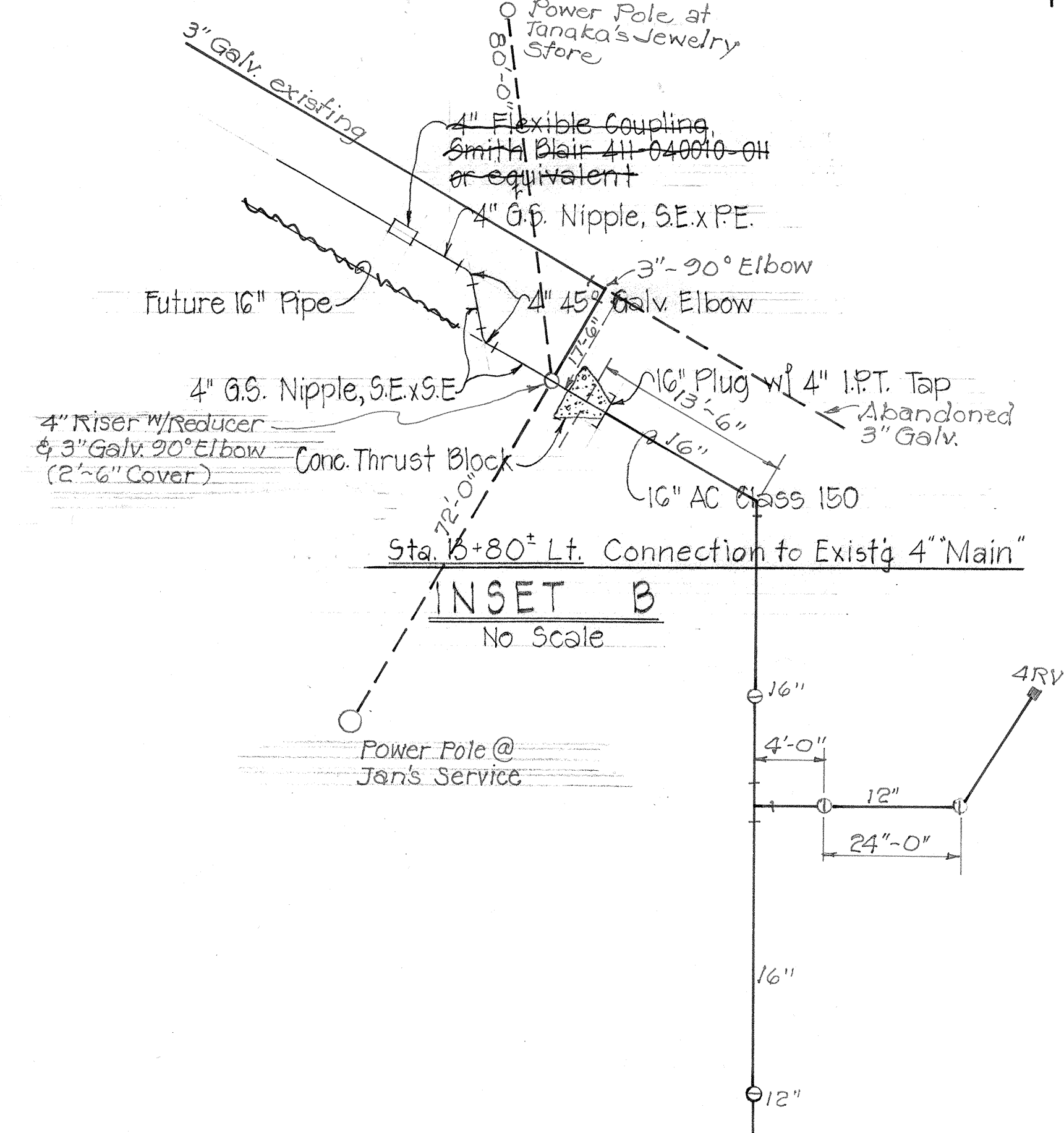
CONCRETE REACTION BLOCKS FOR WATER MAINS



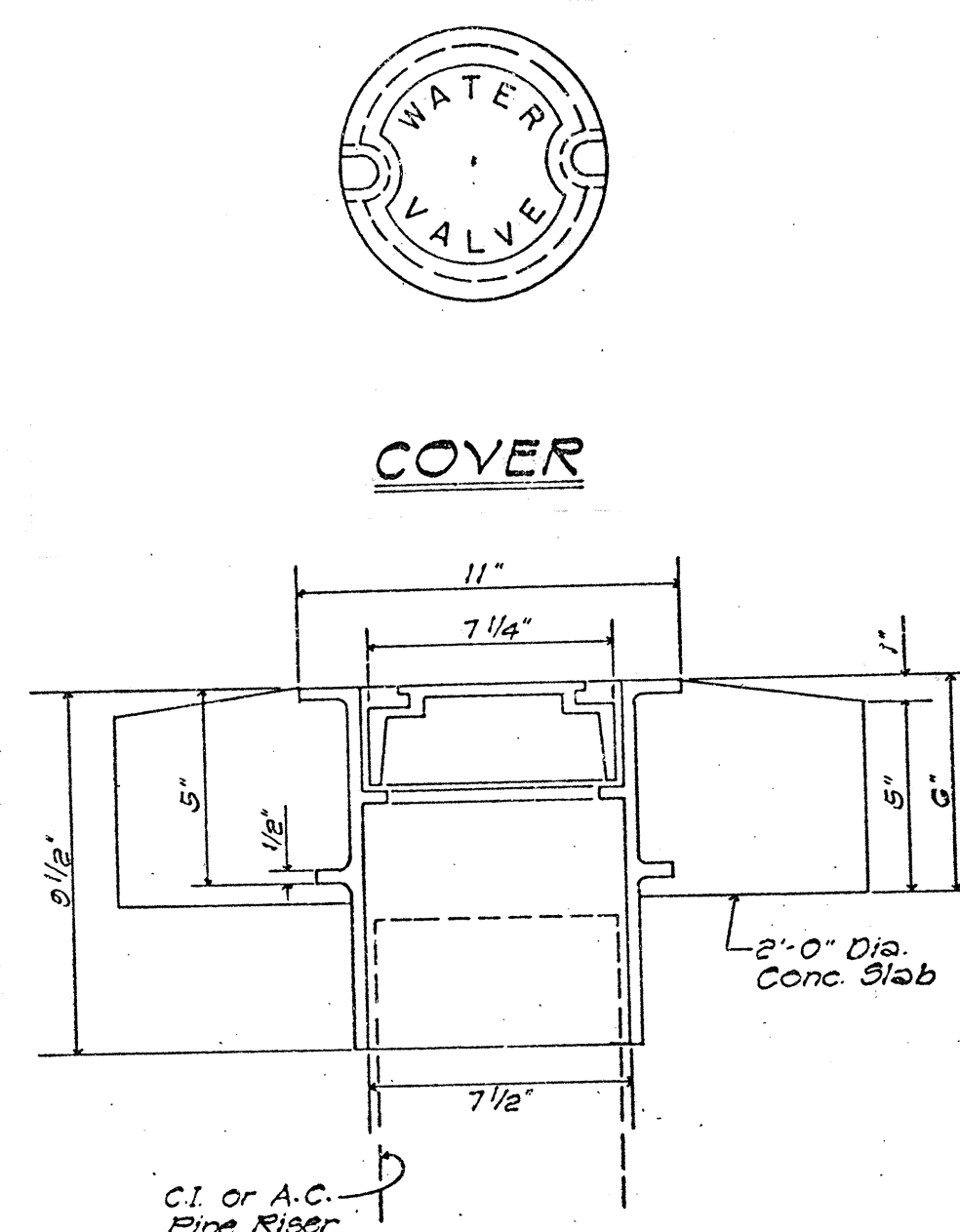
CAST IRON VALVE BOX DETAIL



FIRE HYDRANT ELEVATION



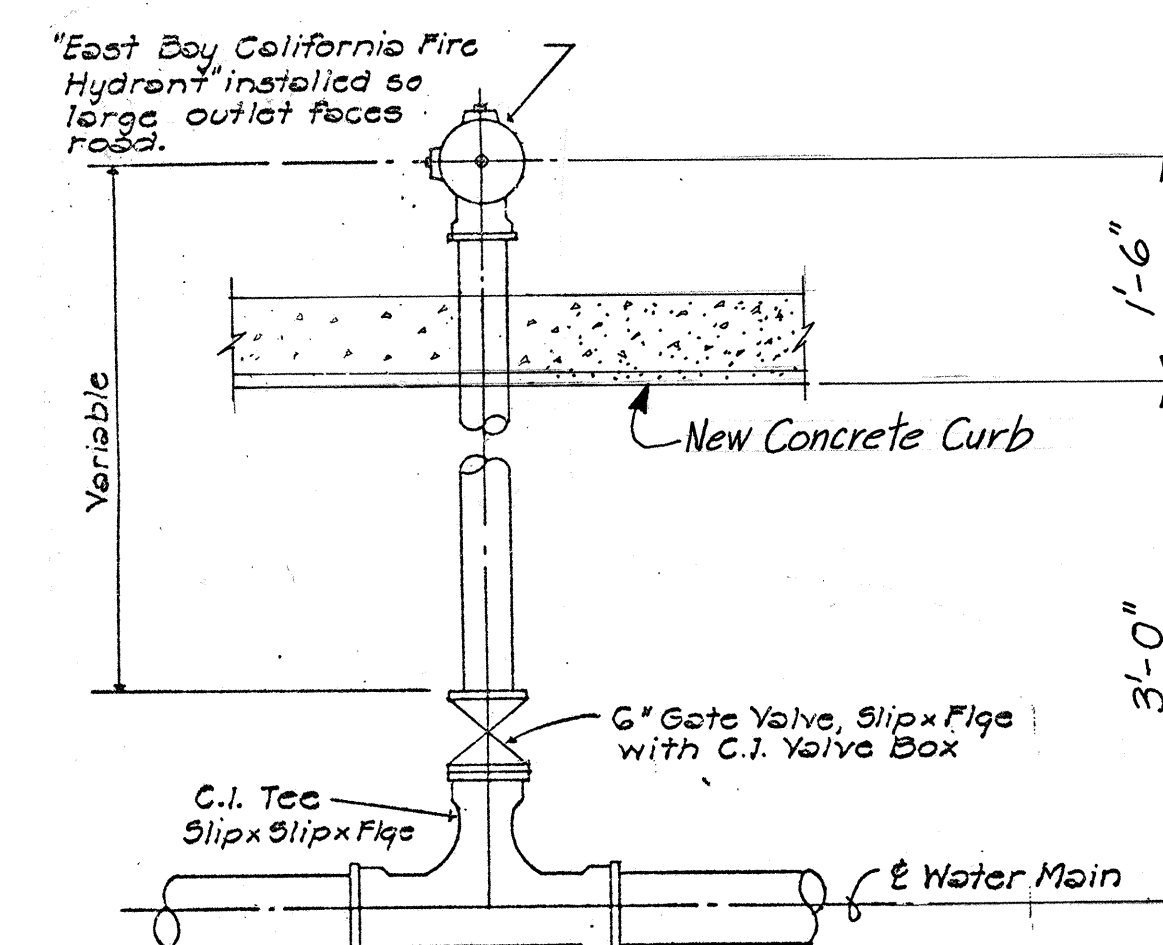
INSET B
No Scale



COVER

NOTE:
Valve Box to be
Tyler No G895-1 or
approved equal.

VALVE BOX DETAIL
(FOR 3" G.Y. OR SMALLER)



FIRE HYDRANT LAYOUT

Approved: *J. H. Johnson* 9/14/44
for Major, Chief Engineer
Dept. of Water
County of Brevard
OT & back

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

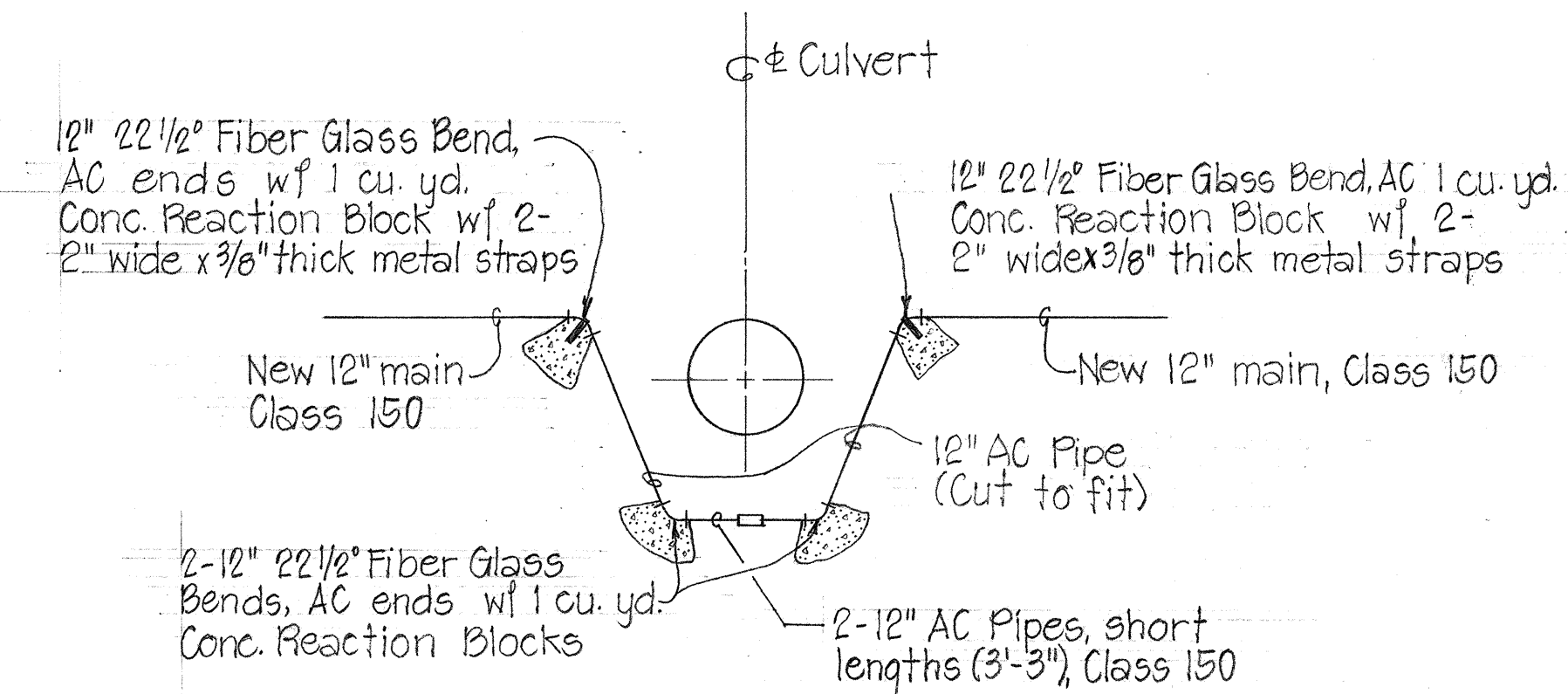
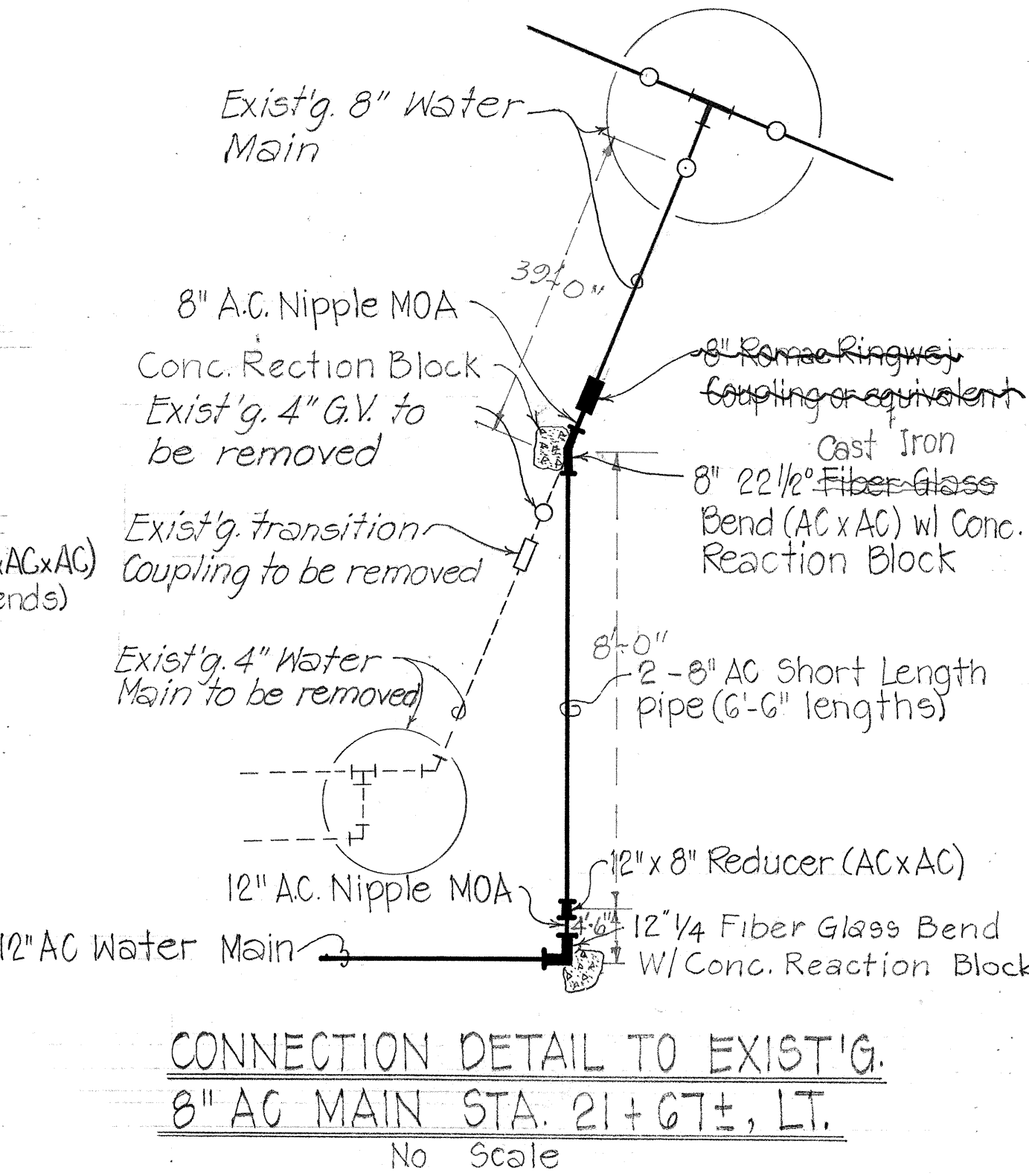
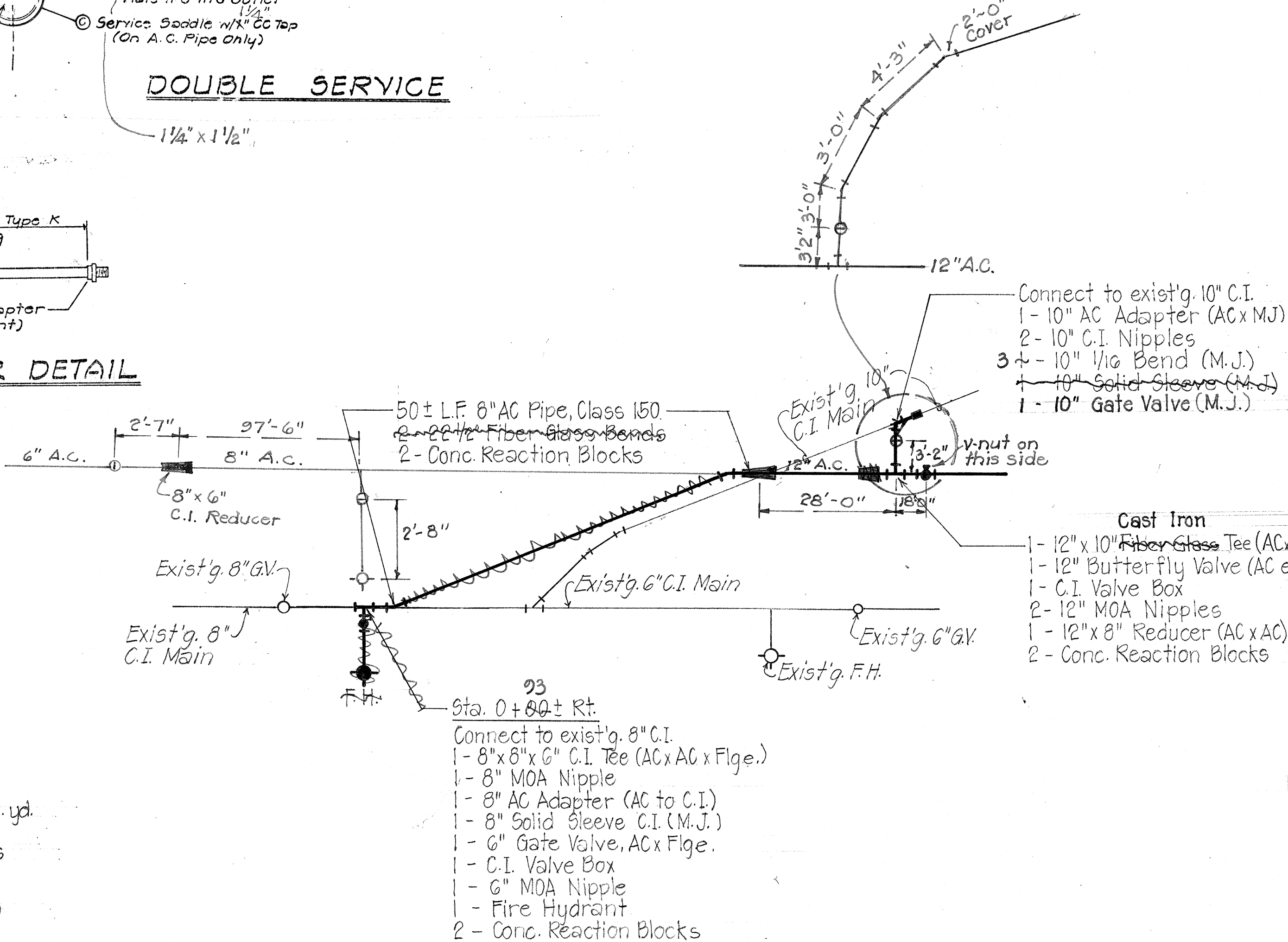
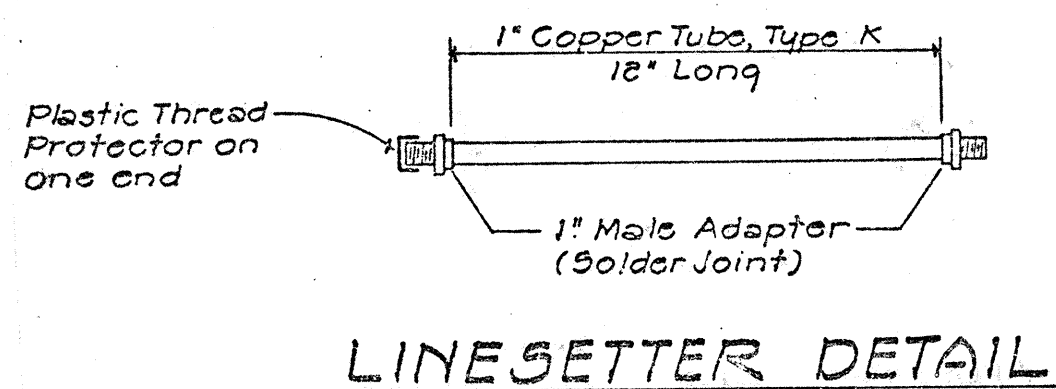
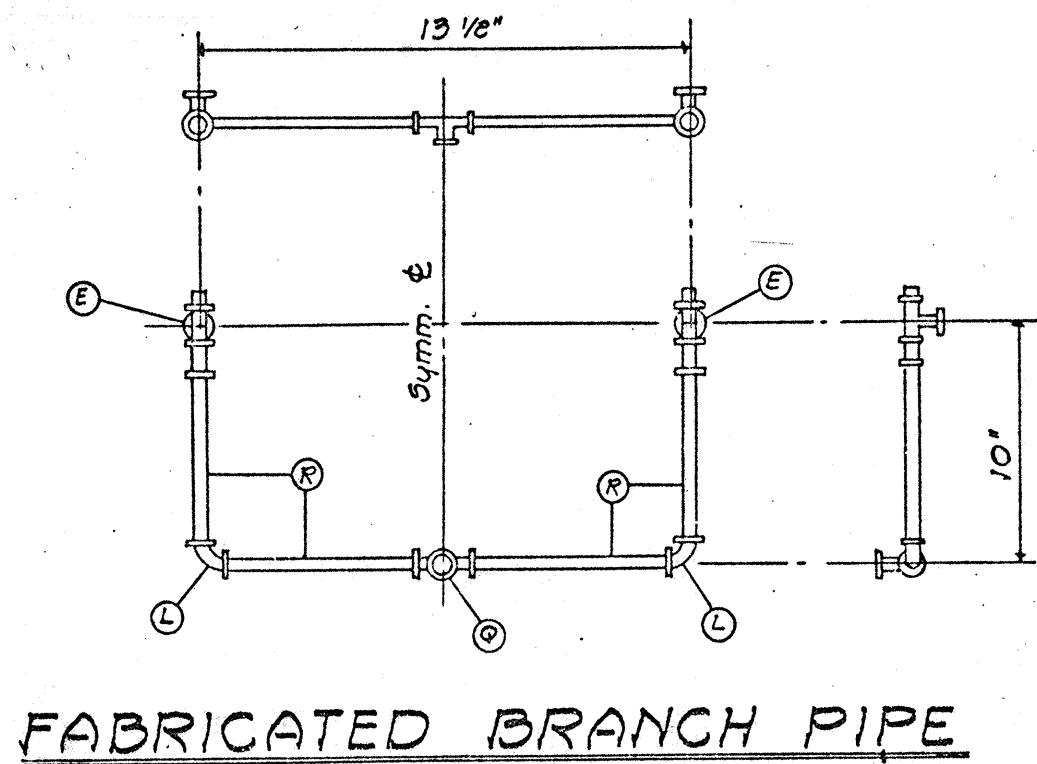
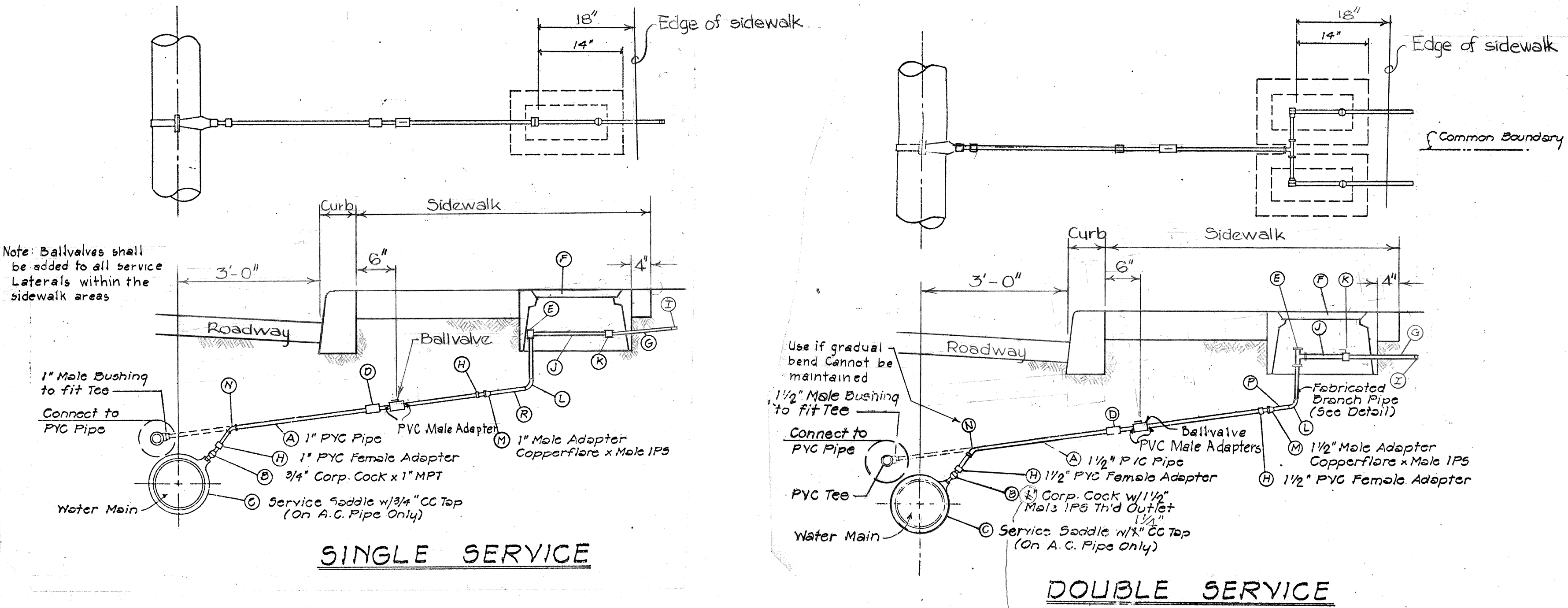
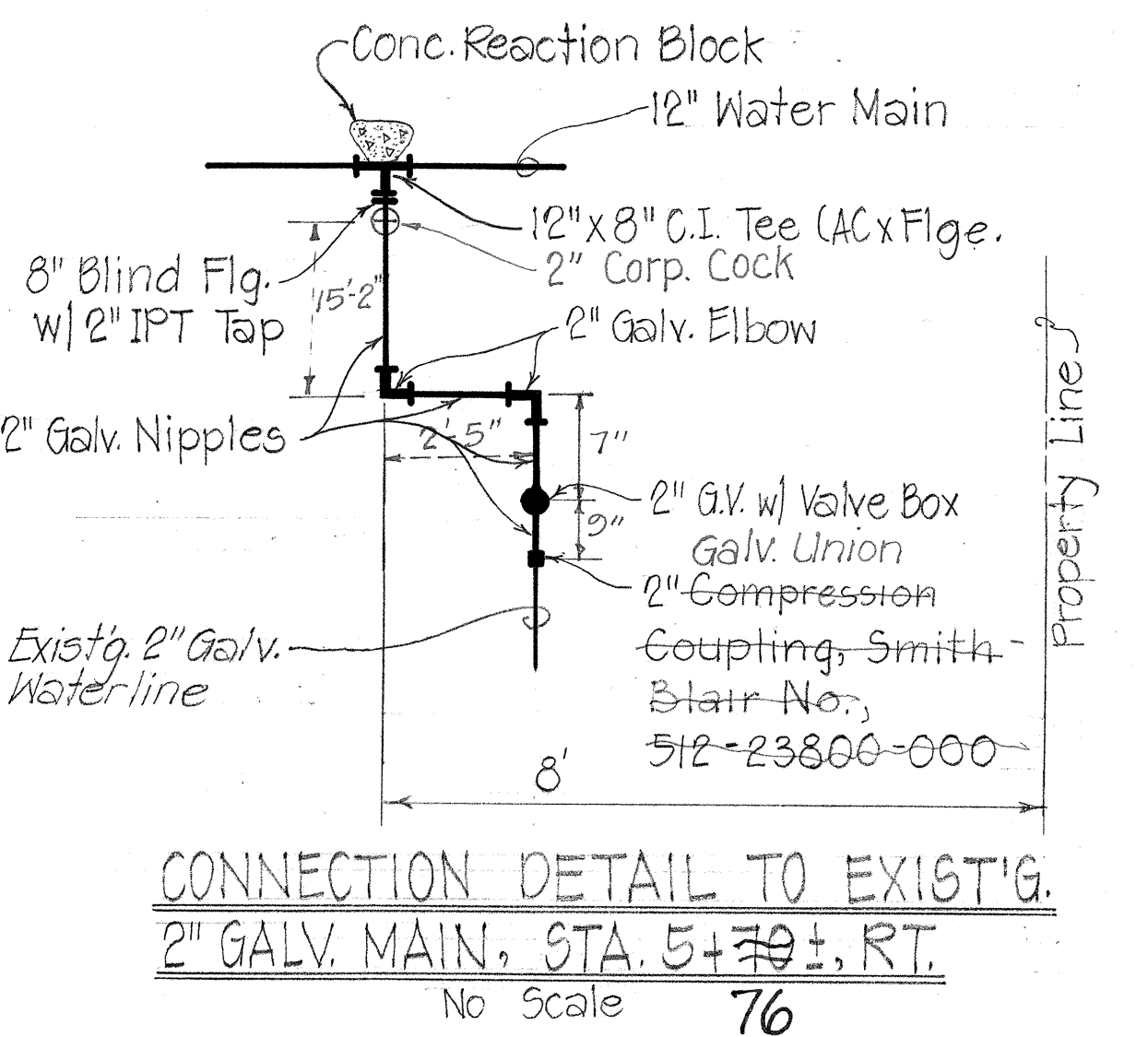
WATER DETAILS
WAIKAEA BRIDGE TO
KAWAIHAU ROAD

PROJ. NO 56A-01-74

SHEET No. 1 OF 2 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56A-01-74	1974	46	53

SCHEDULE OF COPPER FITTINGS				
NO.	DESCRIPTION	SINGLE SERVICE		DOUBLE SERVICE
A	PVC Pipe			
B	Corporation Cock - C.C. x MPT - Bronze 1 1/4 x 1 1/2	1	1	
C	Service Saddle - CC Outlet, (Smith-Blair No. 321)			
D	PVC Coupling as needed	1	1	
E	Angle Valve to fit 3/4" Meter Inlet 1" Copper Flare (Ford KVC-23)	1	2	
F	BWS Type "B" Conc. Meter Box			
G	Lifesetter - 1" Copper Tube, Type K, 12" Long	1	2	
H	PVC Female Adapter (5 x 7)	2	2	
I	1" Plastic Thread Protector	1	2	
J	Meter Spacer supplied by BWS and installed by Contractor	1	2	
K	Ball Valve w/Handle Inlet to fit 3/4" Meter Outlet, 1" Female I.P.S. (Ford 400)	1	2	
L	1" 90° Elbow - Cast Solder	1	2	
M	Male Adapter, Copper Flare, Male I.P.S.	1	1	
N	PVC 45° Elbow	1	1	
P	1 1/4" Copper Tube, Type K, 12" Long	1	1	
Q	1" x 1 1/2" Tee, Cast Solder		1	
R	1" Copper Tube, Type K, 12" Long			



CONNECTION DETAIL TO EXIST'G. 8" MAIN STA. 0+00± RT.
No Scale

TYPICAL CULVERT CROSSING DETAIL
No Scale

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

WATER DETAILS
WAIKAE A BRIDGE TO
KAWAIHAU ROAD

PROJ. NO 56A-01-74

SHEET No. 2 OF 2 SHEETS

Approved: William White
for the Chief Engineer
County of Kauai
M. J. G. Hinkle

DATE	
SURVEY PLOTTED BY	
DRAWN BY	
CHECKED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
NO.	