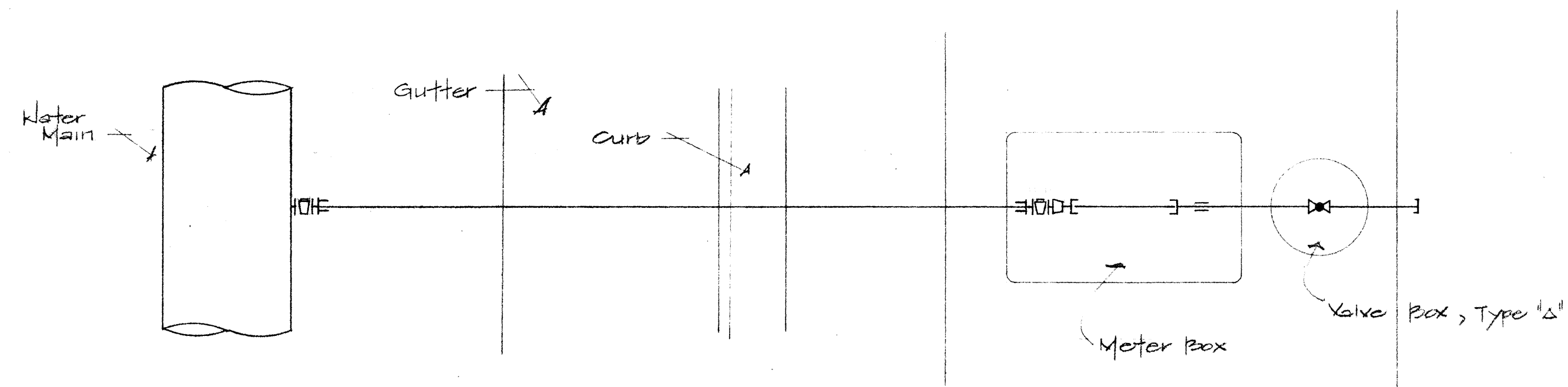
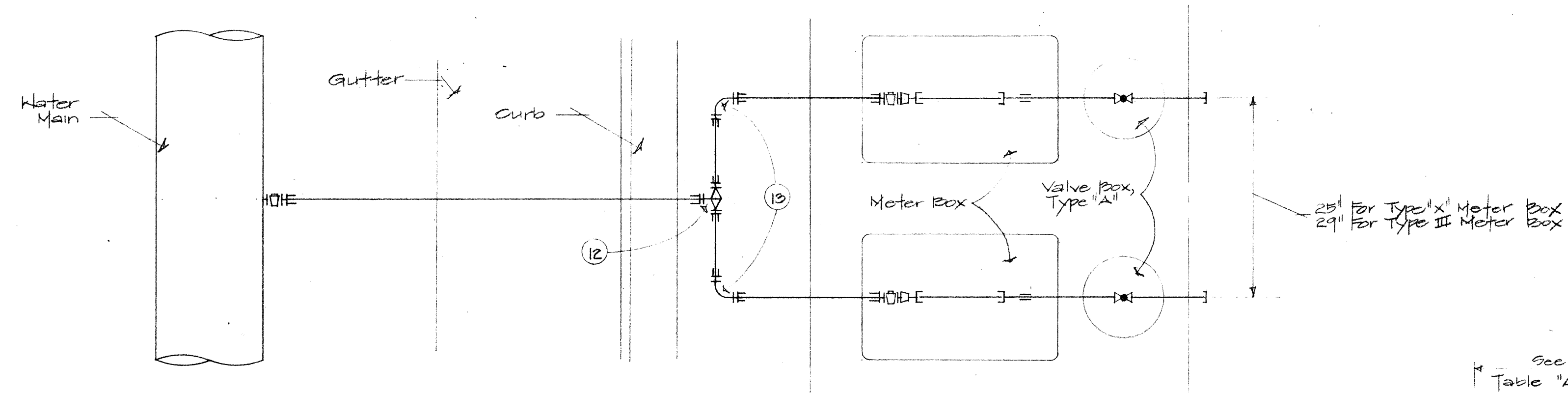




PLAN VIEW - SINGLE SERVICE
NTS



PLAN VIEW - MULTIPLE SERVICE
NTS

MATERIALS LIST			
ITEM No	PLASTIC TUBING WITH COMPRESSION FITTINGS	PLASTIC TUBING WITH FLARED FITTINGS	REMARKS
①	Corporation Stop	Corporation Stop	
②	Compression Coupling FIPT x CTS	Adaptor FIPT x CTS	
③	Compression Coupling CTS x MIPT	Adaptor CTS x MIPT	
④	Stopcock	Stopcock	
⑤	Brass Bushing or Red. Coupling (As Required)	Brass Bushing	
⑥	Meter Coupling	Meter Coupling	See Note #1
⑦	Meter Splice	Meter Splice	See Detail Below
⑧	Brass Coupling	Brass Coupling	None req'd. for 1 1/2" & 2" meters
⑨	Brass Pipe	Brass Pipe	
⑩	Globe Valve	Globe Valve	
⑪	Brass Cap	Brass Cap	
⑫	Brass Tee CTS x CTS x CTS	Tee CTS x CTS x CTS	For Multiple Service Only
⑬	90° Brass Bend CTS x CTS	90° Bend CTS x CTS	For Multiple Service Only

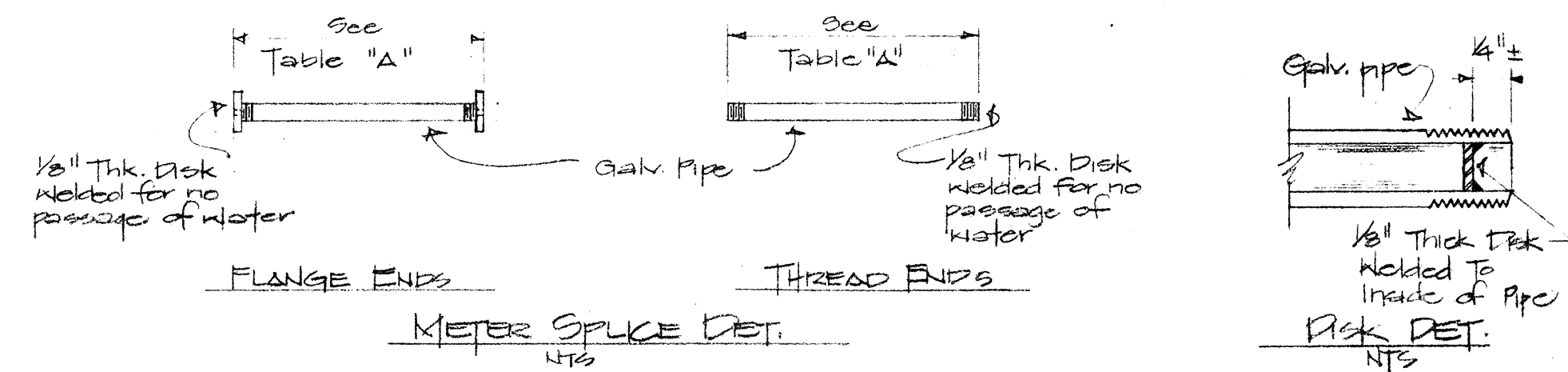
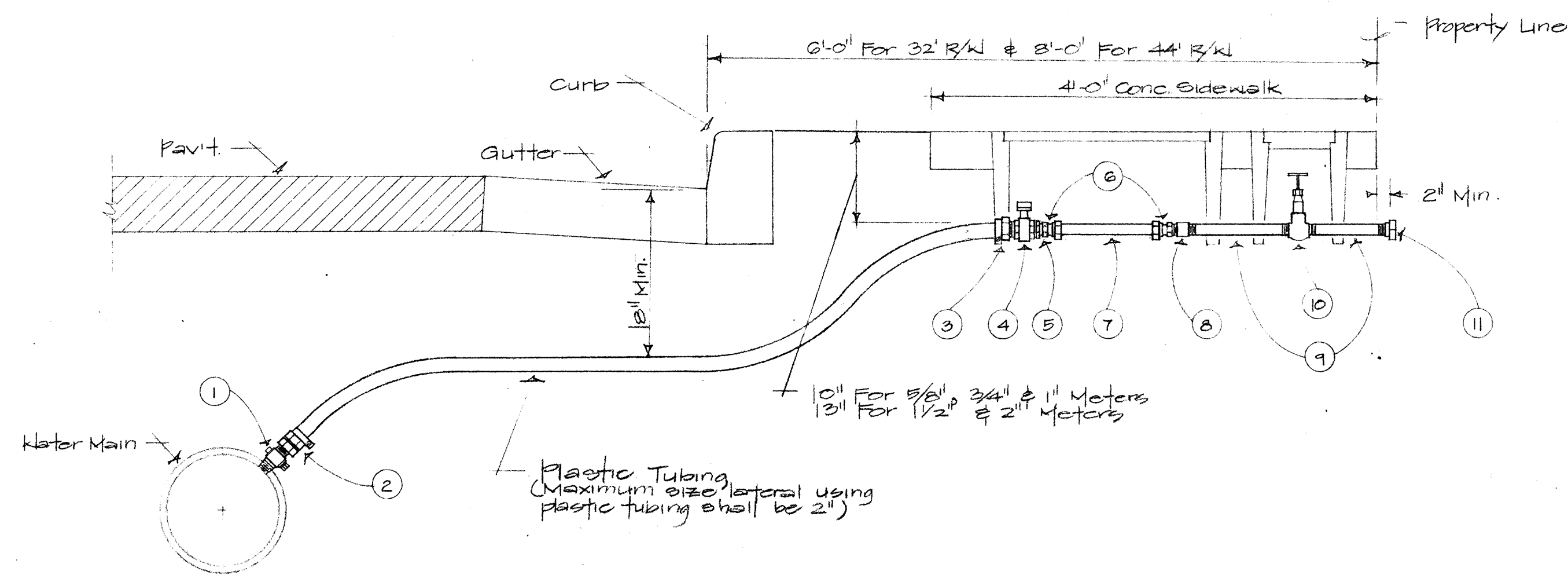


TABLE "A"		
METER SIZE	SPLICE SIZE	SPLICE LENGTH
3/8"	1" Ø	7 1/2"
3/4"	1" Ø	9"
1"	1 1/4" Ø	10 3/4"
1 1/2"	1 1/2" Ø	13" Fl. Ends
2"	2" Ø	17" Fl. Ends



PROFILE

PLASTIC SERVICE LATERAL
Scale: 1" = 1'-0"

NOTES:

- Meter Couplings: Screw end type for 3/8" through 1" meter connections. Flange end type for 1 1/2" and 2" meter connections. Companion flange to conform to AWSA C700-71 for cold water meters - displacement type.
- Plastic tubing shall be of ultra-high molecular weight polyethylene, meeting the requirements of ASTM Material Classification PE-3406.
- Stainless steel stiffeners shall be required for plastic tubings with compression type fittings.

REVISED AUG 20, 1975

APPROVED BY: *Edward H. Hata* 4/3/75
MANAGER & CHIEF ENGINEER DATE

BOARD OF WATER SUPPLY
CITY AND COUNTY OF HONOLULU

INSTALLATION OF
PLASTIC SERVICE LATERALS (6014-142)
FOR METER SIZES 3/8" THRU 1 1/2"

APPROVED: *S. Kawakami* DATE: 6/3/75
ASSISTANT CHIEF ENGINEER
DRAWN BY: *K.P.* ENGINEER: *K.P.* CHECKED BY: *K.P.* FILE NO.
FIELD BOOK NO. SCALE: SHEET 1 OF 1 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	72A-01-71	1975	38	42

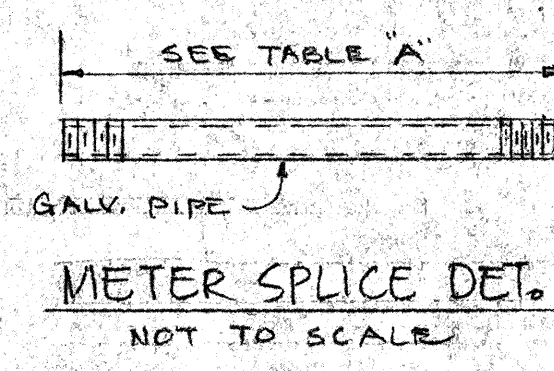
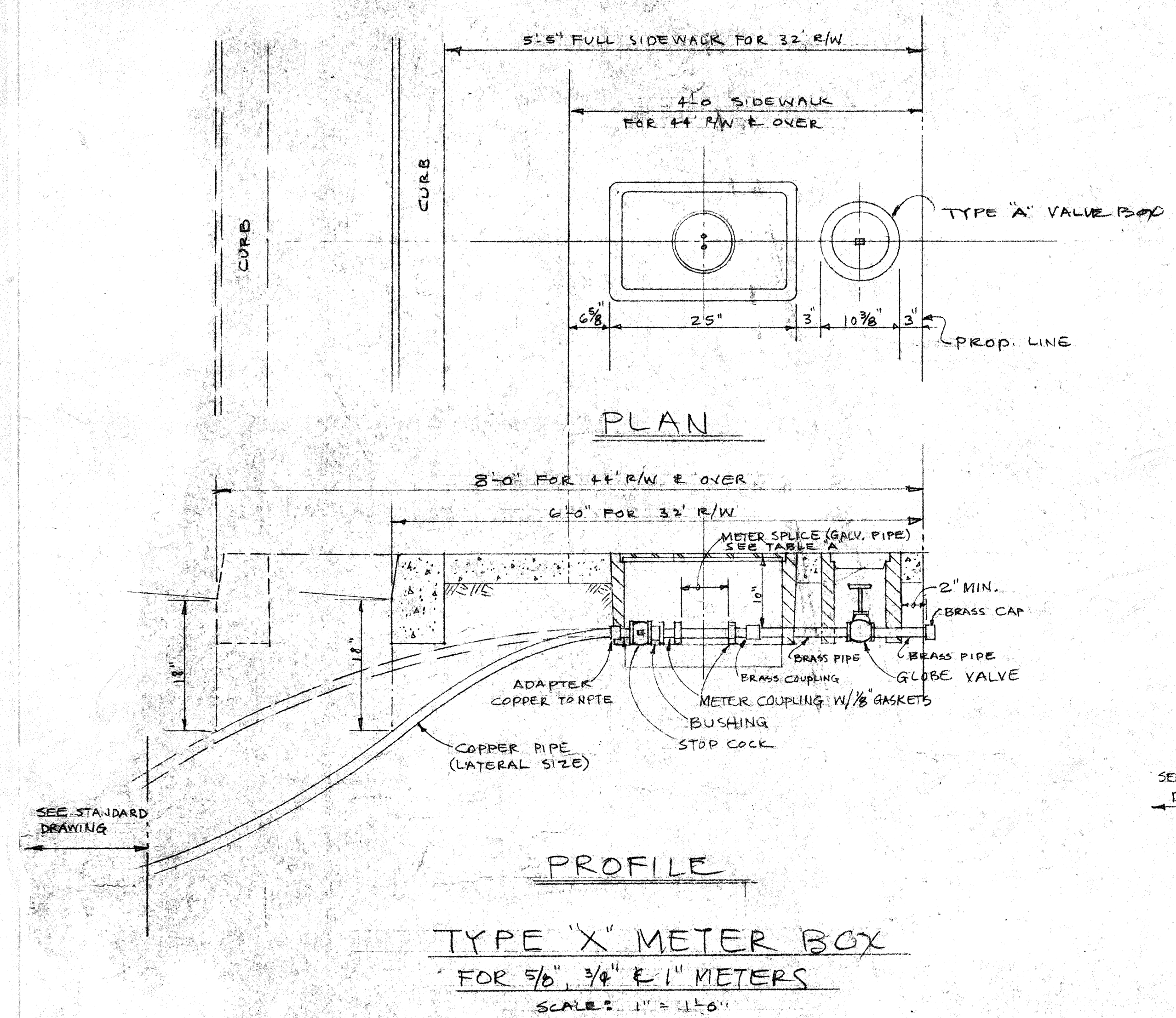
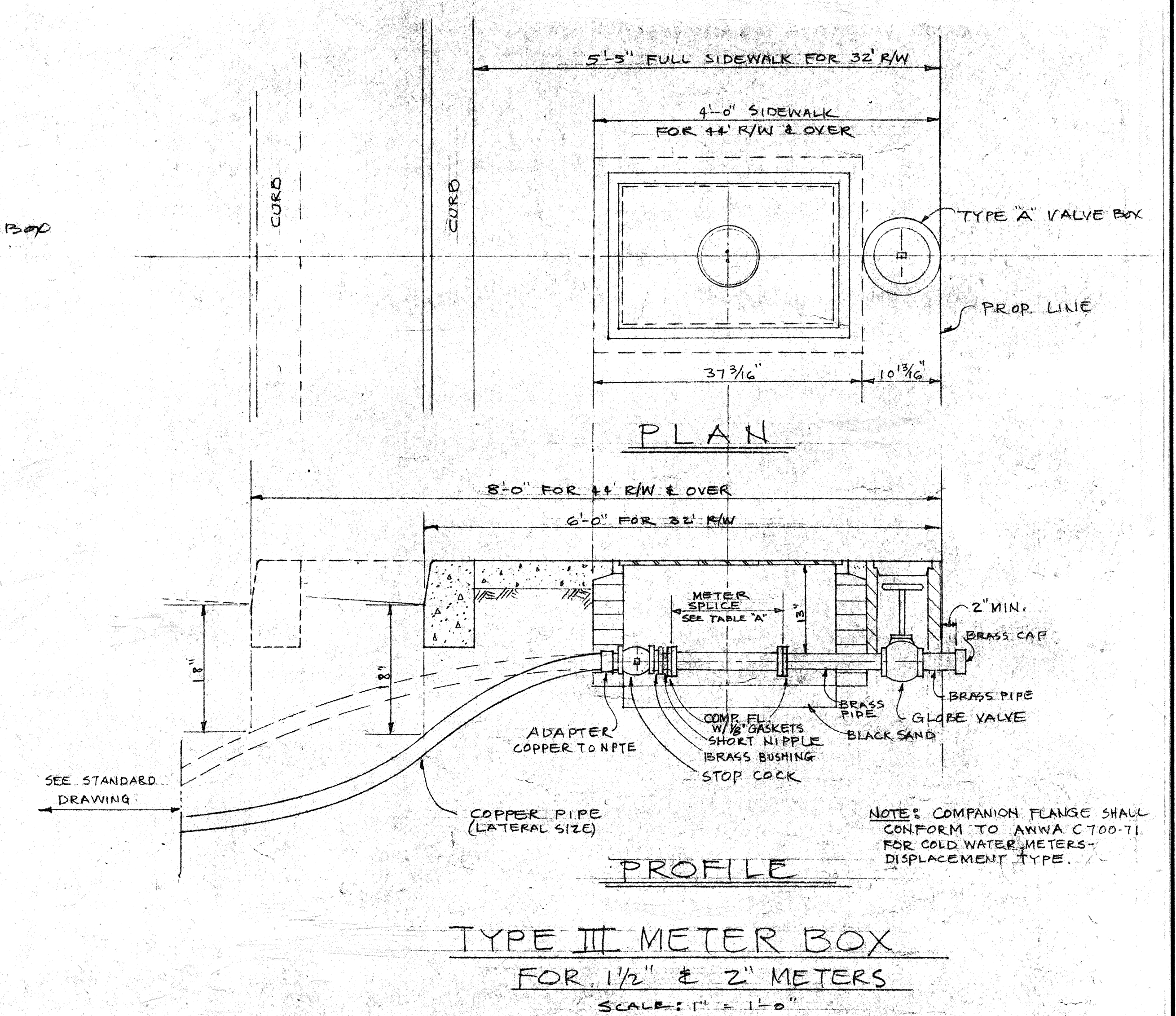


TABLE 'A'	
METER SIZE	SPLICE LENGTH
5/8" x 3/4"	7 1/2"
3/4"	9"
1"	10 3/4"
1 1/2"	13"
2"	17"

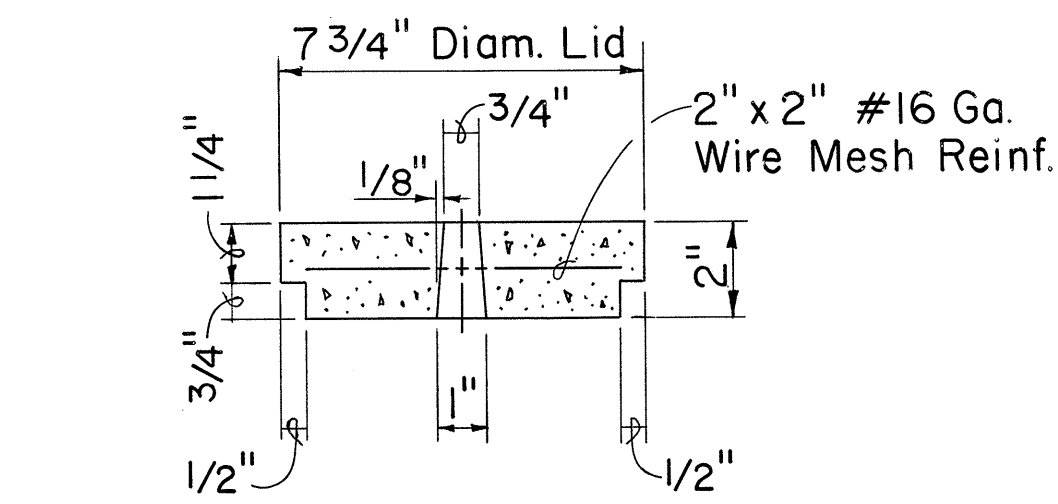


NOTE: COMPANION FLANGE SHALL CONFORM TO ANWA C700-71 FOR COLD WATER METERS - DISPLACEMENT TYPE.

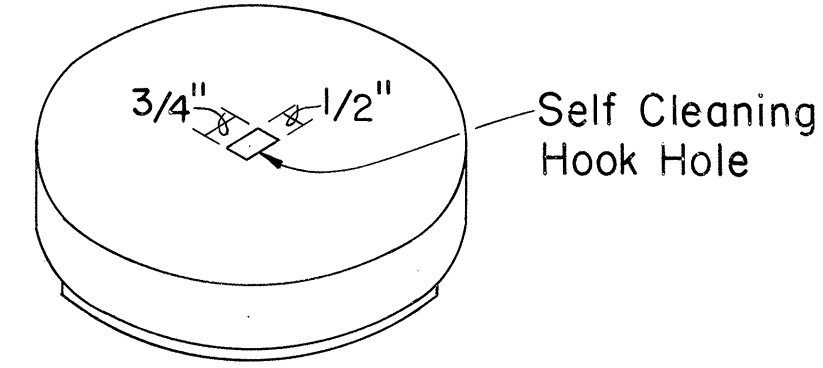
APPROVED *Robert J. Kormanik* DATE *5/21/75*
HEAD, FIELD OPERATIONS DIVISION
Robert J. Kormanik 5/21/75
MANAGER AND CHIEF ENGINEER

BOARD OF WATER SUPPLY CITY AND COUNTY OF HONOLULU			
METER BOX & VALVE BOX INSTALLATION IN SIDEWALK AREA			
APPROVED: <i>Robert J. Kormanik</i>	ASSISTANT CHIEF ENGINEER	DATE: <i>5/21/75</i>	
DRAWN BY: GA	ENGINEER: GA	CHECKED BY: D.C.	FILE NO.
FIELD BOOK NO.	SCALE	SHEET	OF SHEETS

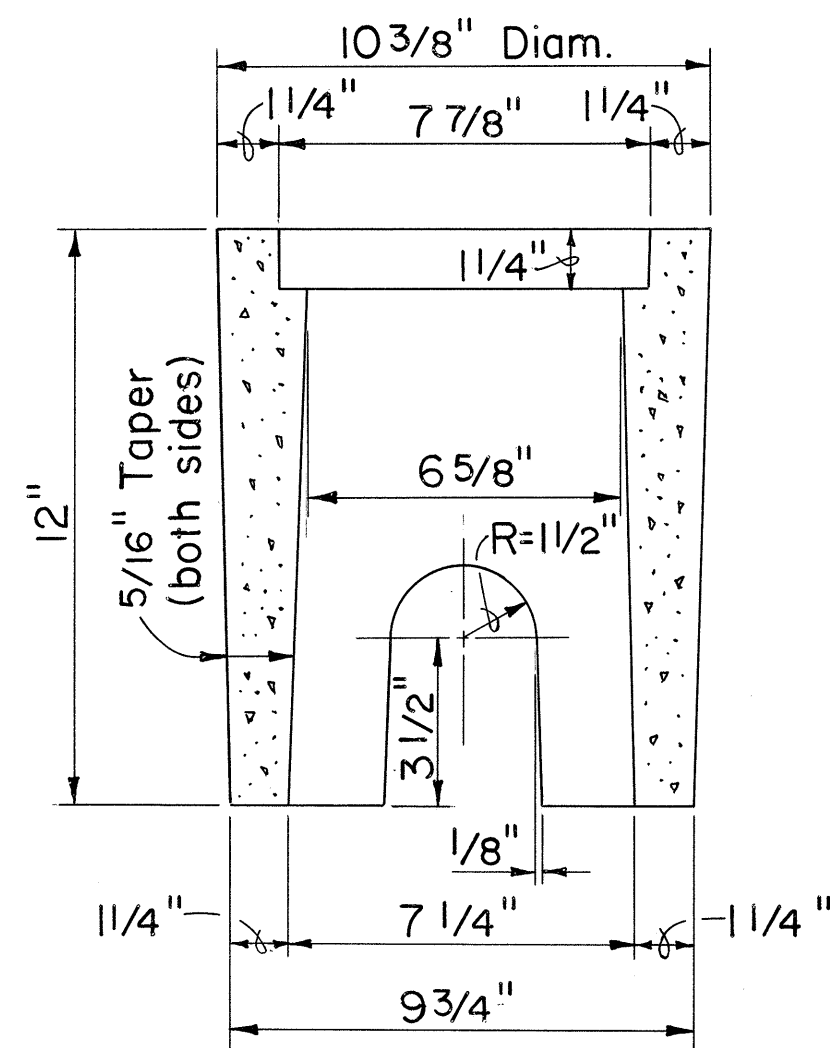
ORIGINAL PLAN	DATE
DESIGNED BY	
CHECKED BY	
NOTED BY	
NO.	



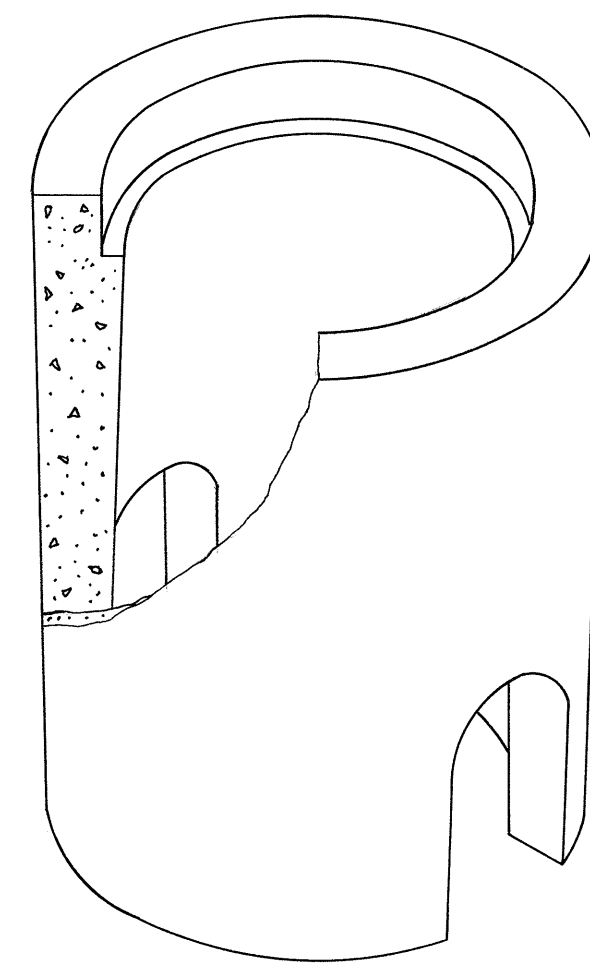
SECTION OF COVER



CONCRETE COVER
WT. = 7 LBS.



SECTION OF BOX

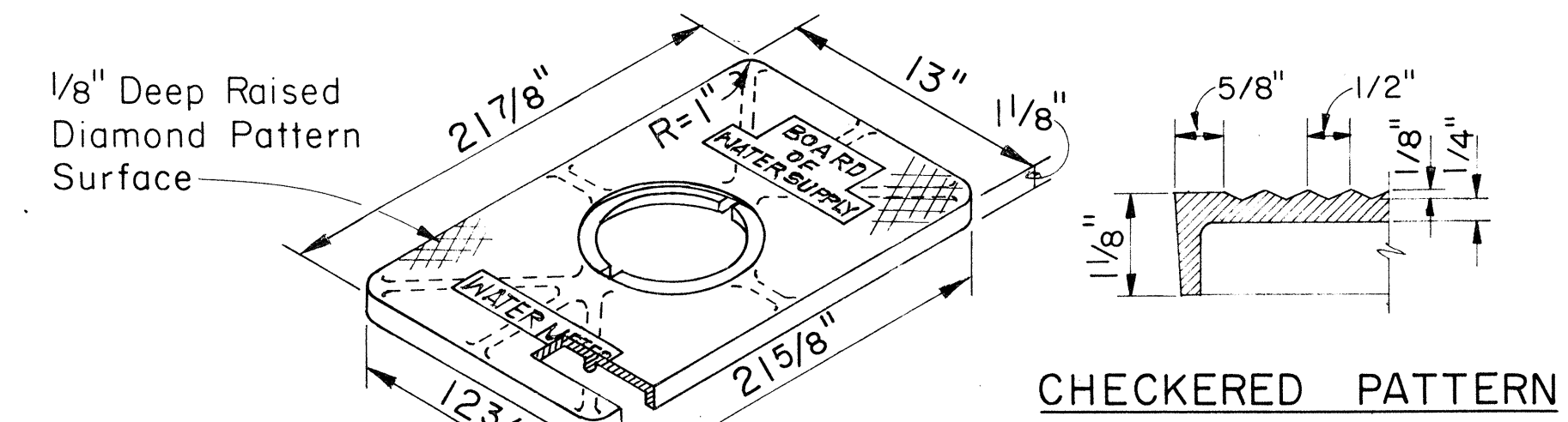


CONCRETE BOX
WT. = 37 LBS.

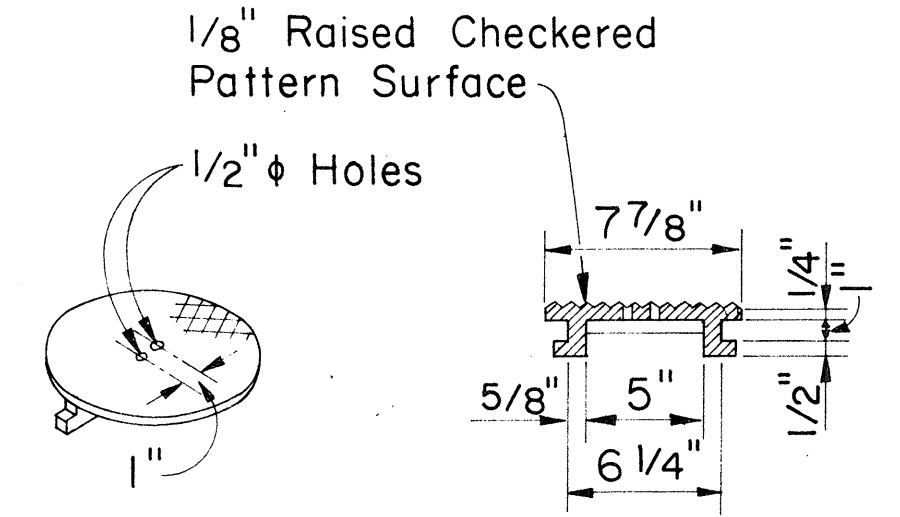
VALVE BOX TYPE "A"
SCALE: 3" = 1'

NOTE :
Thickness dimensions are net.
Add 1/8" for raised surfaces.

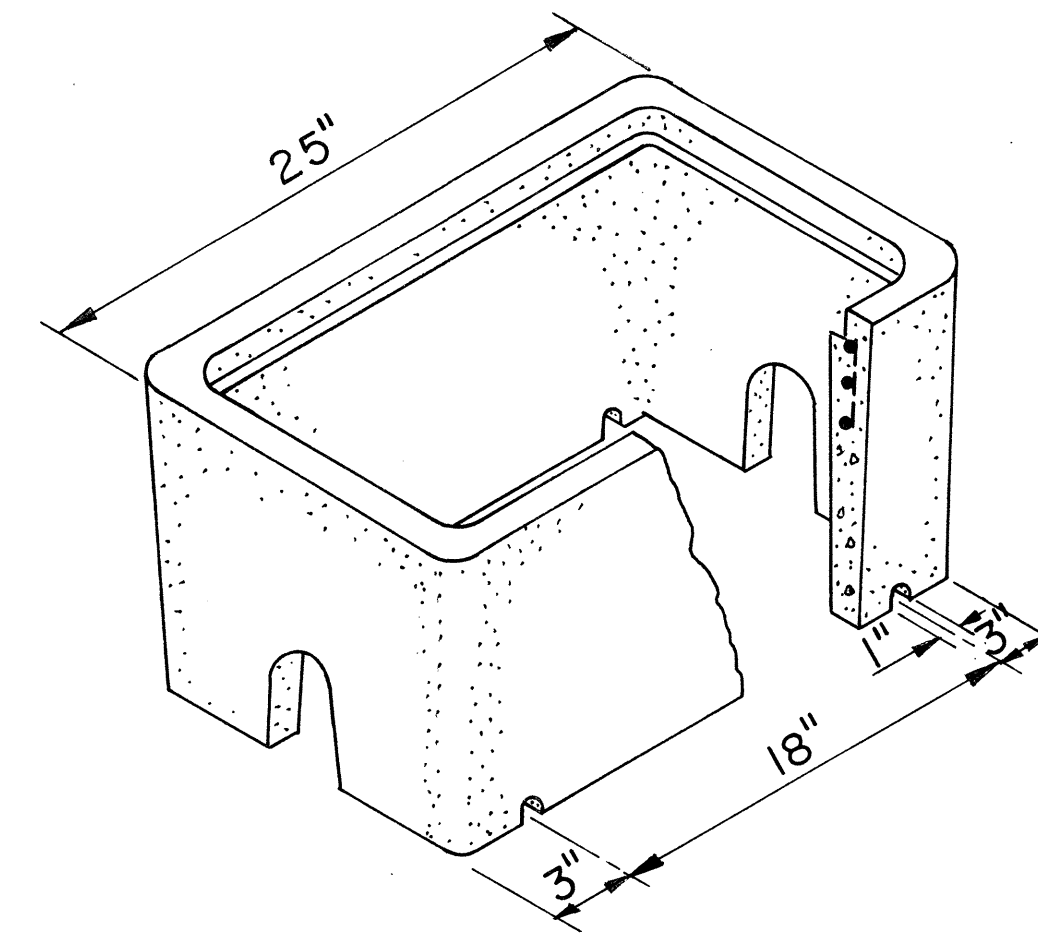
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	72A-01-71	1975	37	42



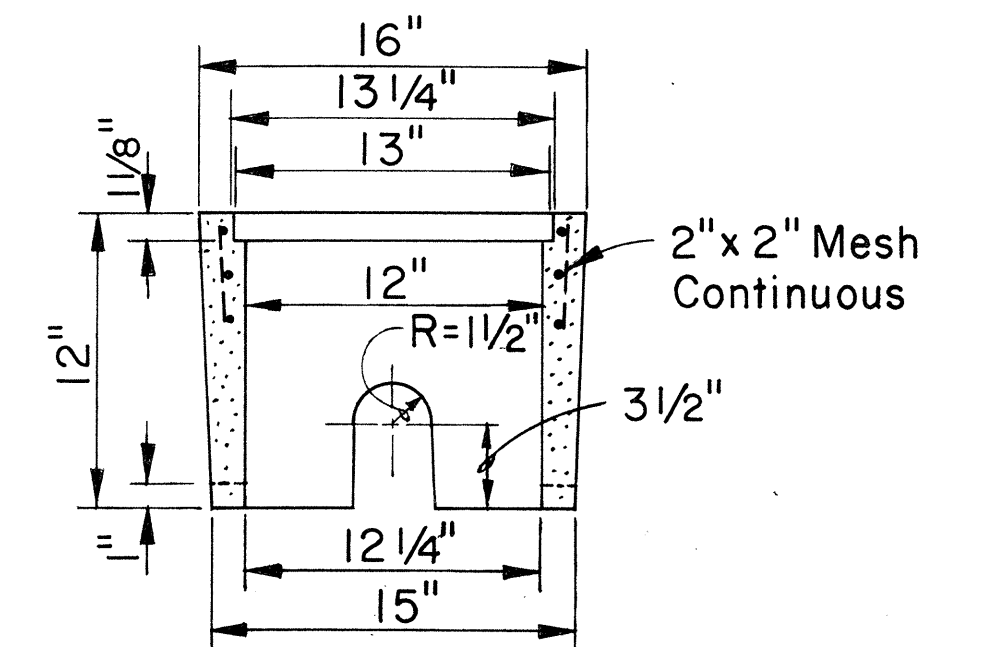
CAST IRON COVER
WT. = 36 LBS.



CAST IRON READING COVER



CONCRETE BOX
WT. = 107 LBS.



METER BOX AND COVER
TYPE "X"

FIGURE 30

APPROVED:

A. Kawakami *11/1/75*
ASSISTANT CHIEF ENGINEER DATE
BOARD OF WATER SUPPLY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STANDARD DETAILS
BOARD OF WATER SUPPLY

SHEET No. OF SHEETS

39

W 7