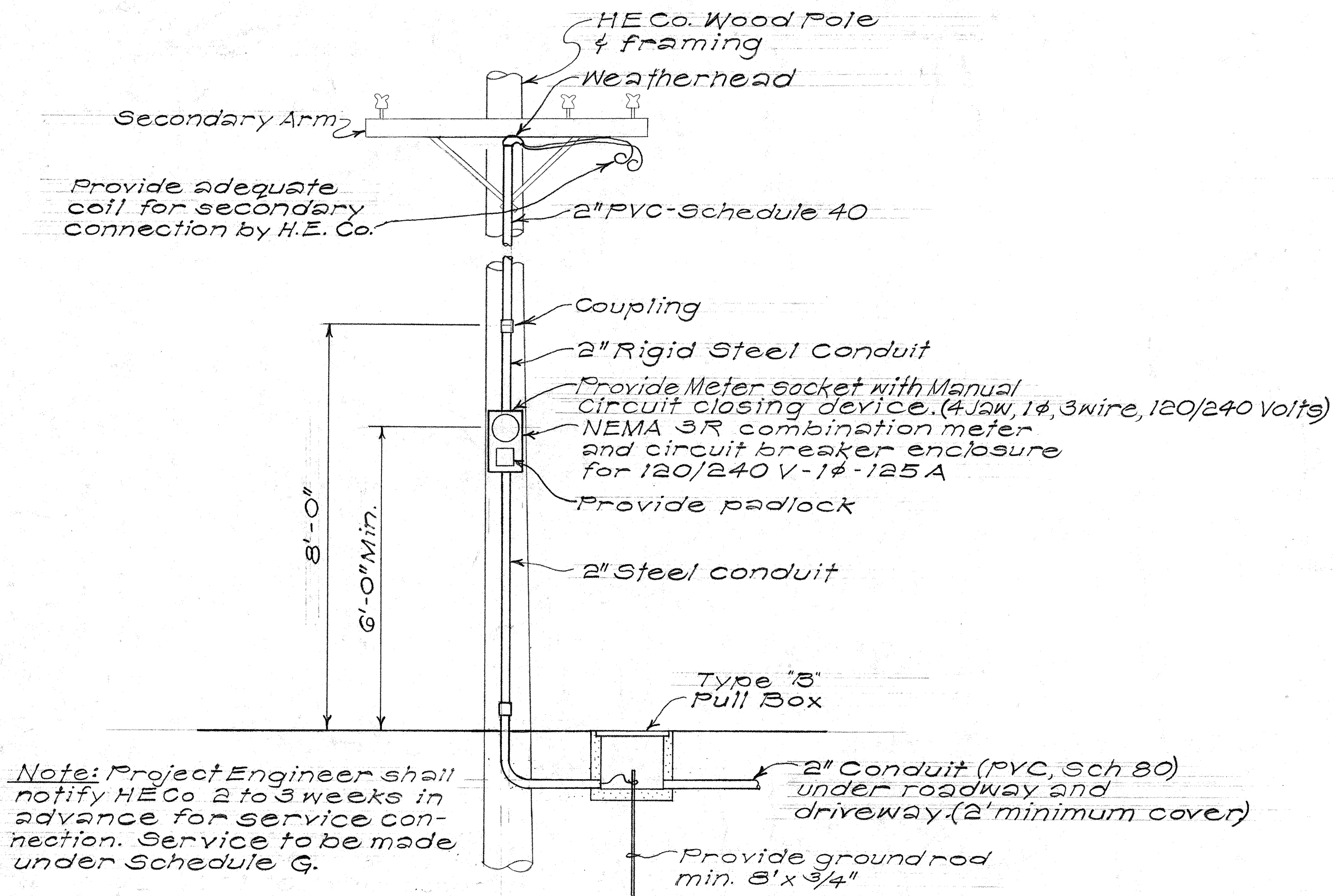
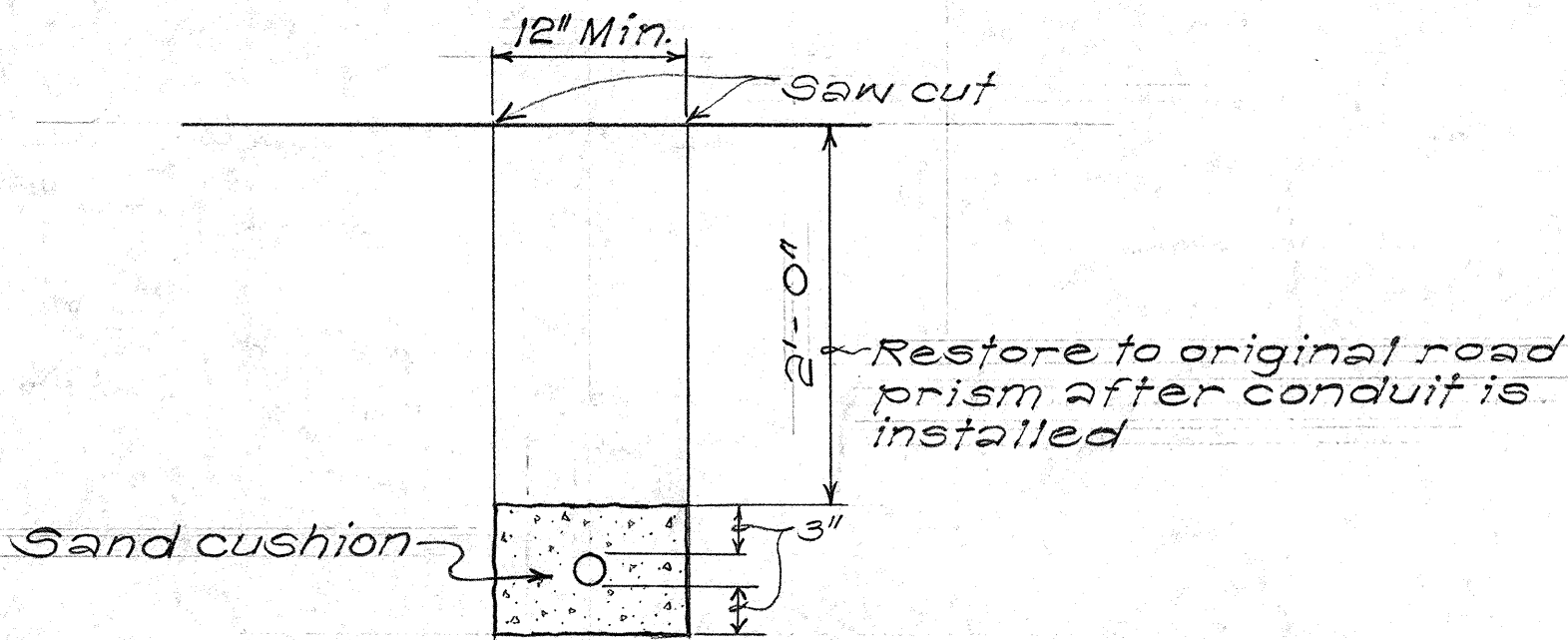


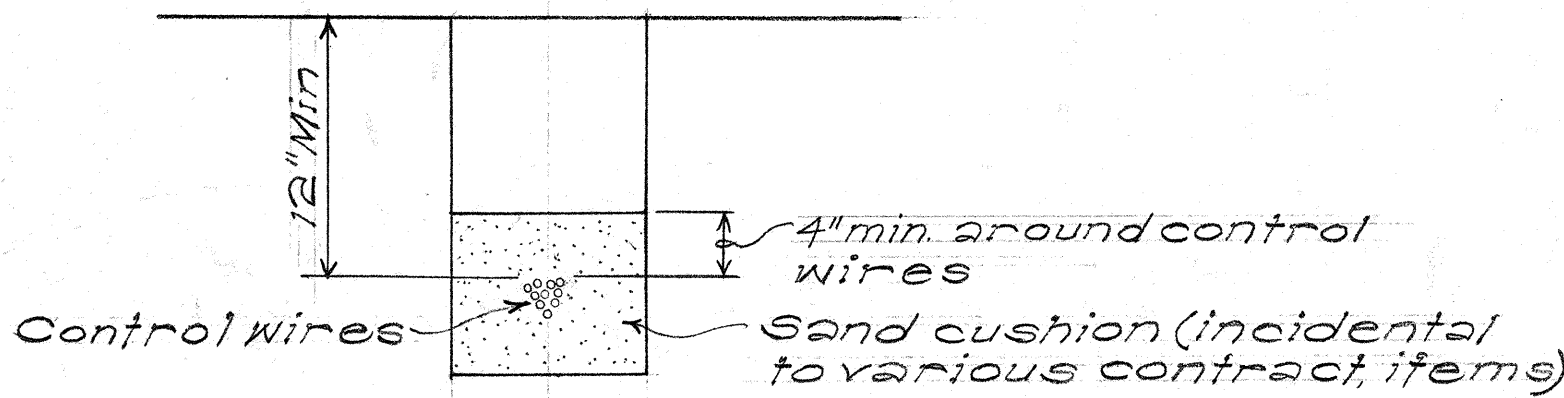
FED. ROAD DIST. NO.	STATE	FED-AID-PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	H1-01-75 HWY-0-0472	1975	16	17



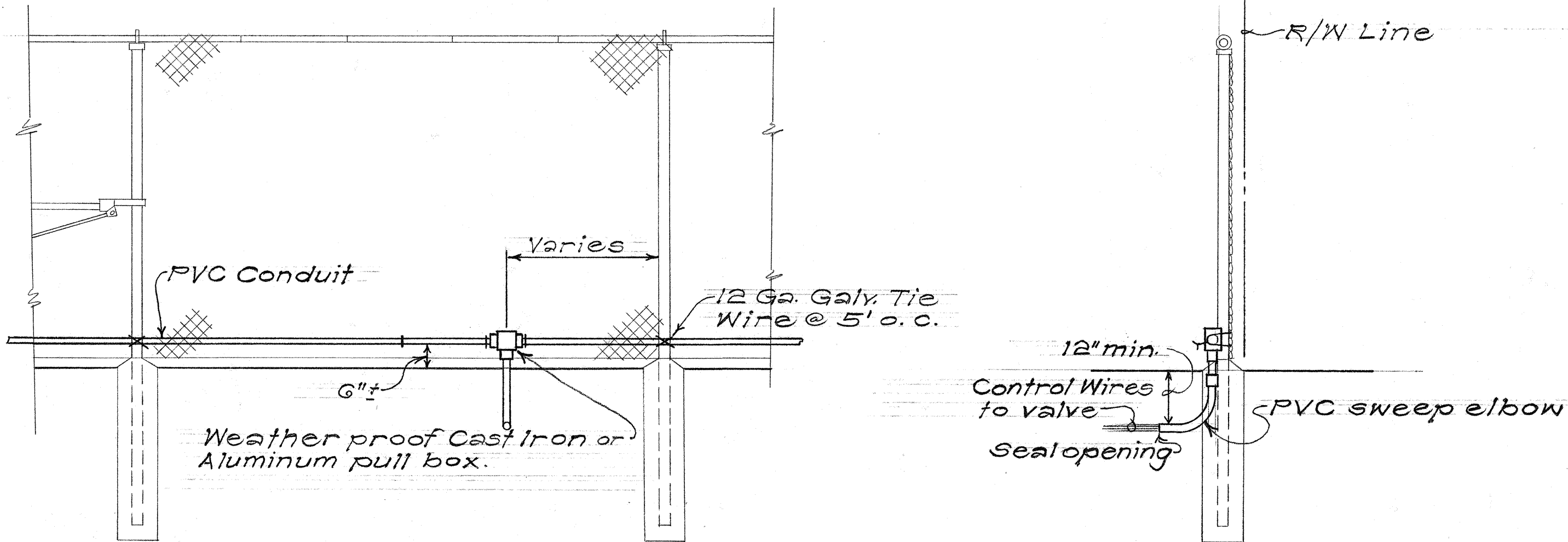
TYPICAL SERVICE CONNECTION AT H.E. Co POLE
Not to Scale



TYPICAL TRENCH DETAIL FOR CONDUIT ACROSS ROAD
Scale: 1" = 1'-0"

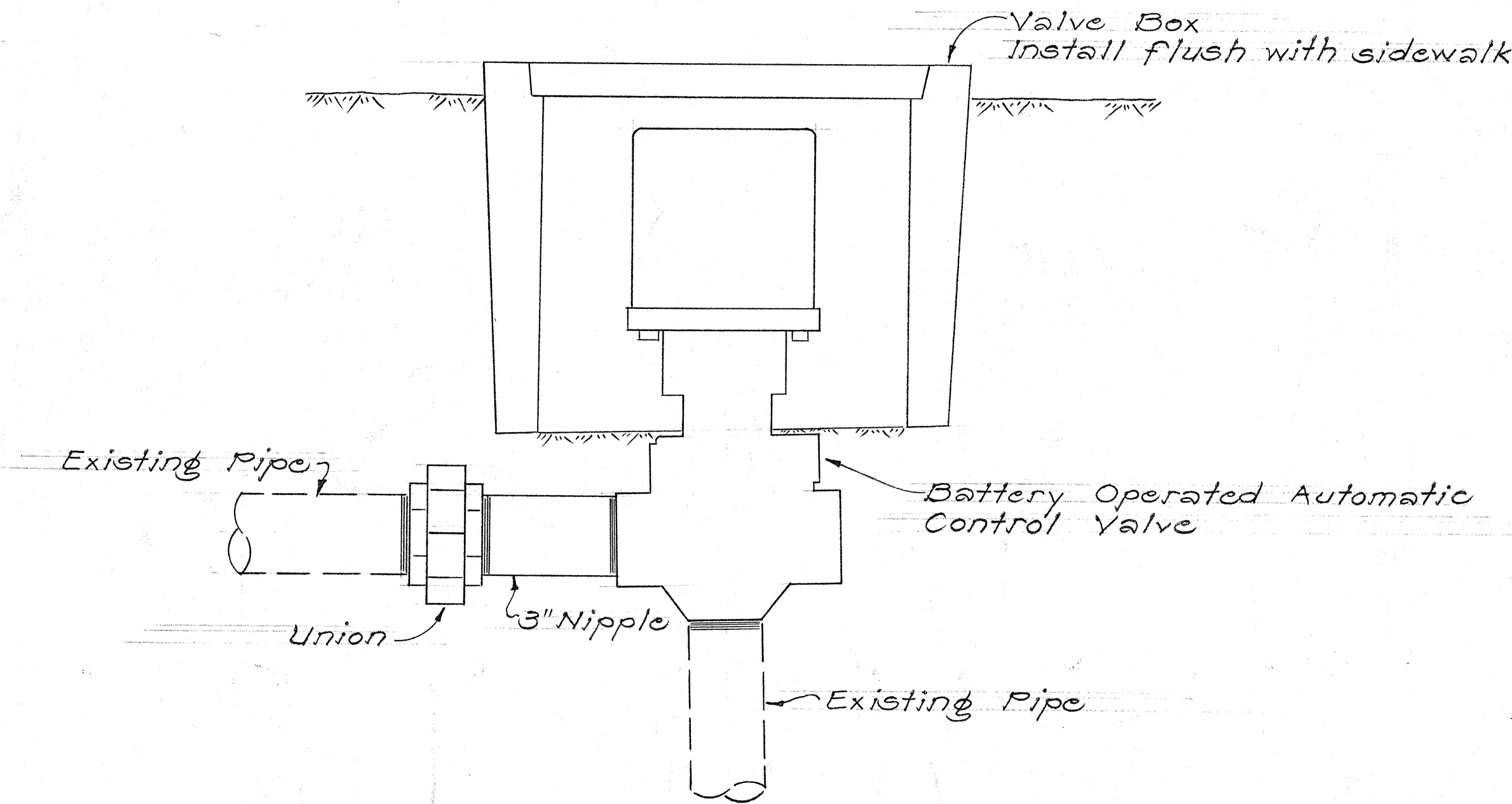


TYPICAL TRENCH DETAIL FOR DIRECT BURIAL CONTROL WIRES
Scale: 1" = 1'-0"



DETAIL OF CONDUIT ALONG FENCE

TYPICAL DETAIL OF CONTROL WIRE CONDUIT ALONG FENCE
Not to Scale



TYPICAL BATTERY OPERATED CONTROL VALVE CONNECTION DETAILS
Not to Scale

7-8-75	Deleted Coordinate with Ray Low of H.E. Co.'s Inspection Division at phone no. 548-4488
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
Conversion of Manual Sprinkler Systems to Automatic Control

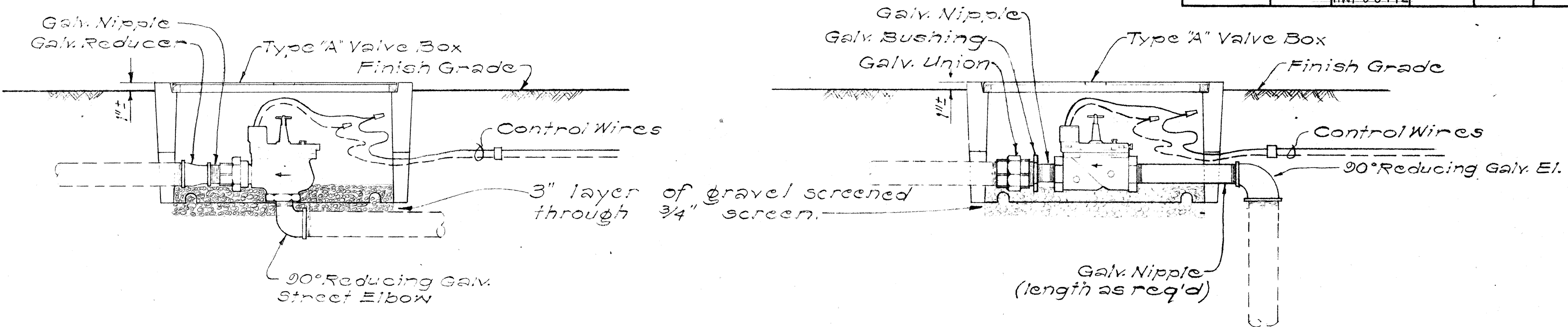
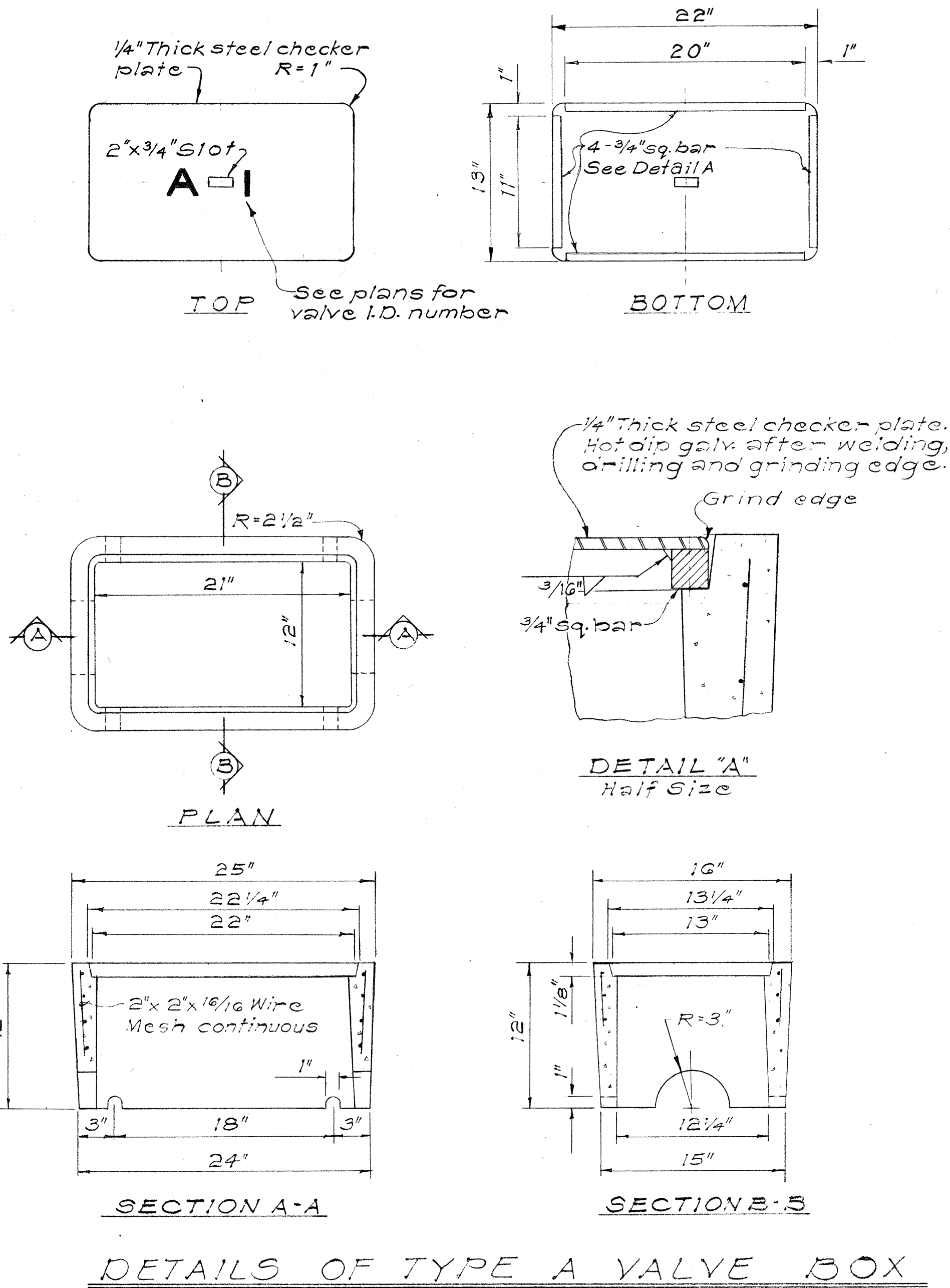
SPRINKLER DETAILS

Scale: As Noted Date: March 1975
SHEET No. 1 OF 2 SHEETS

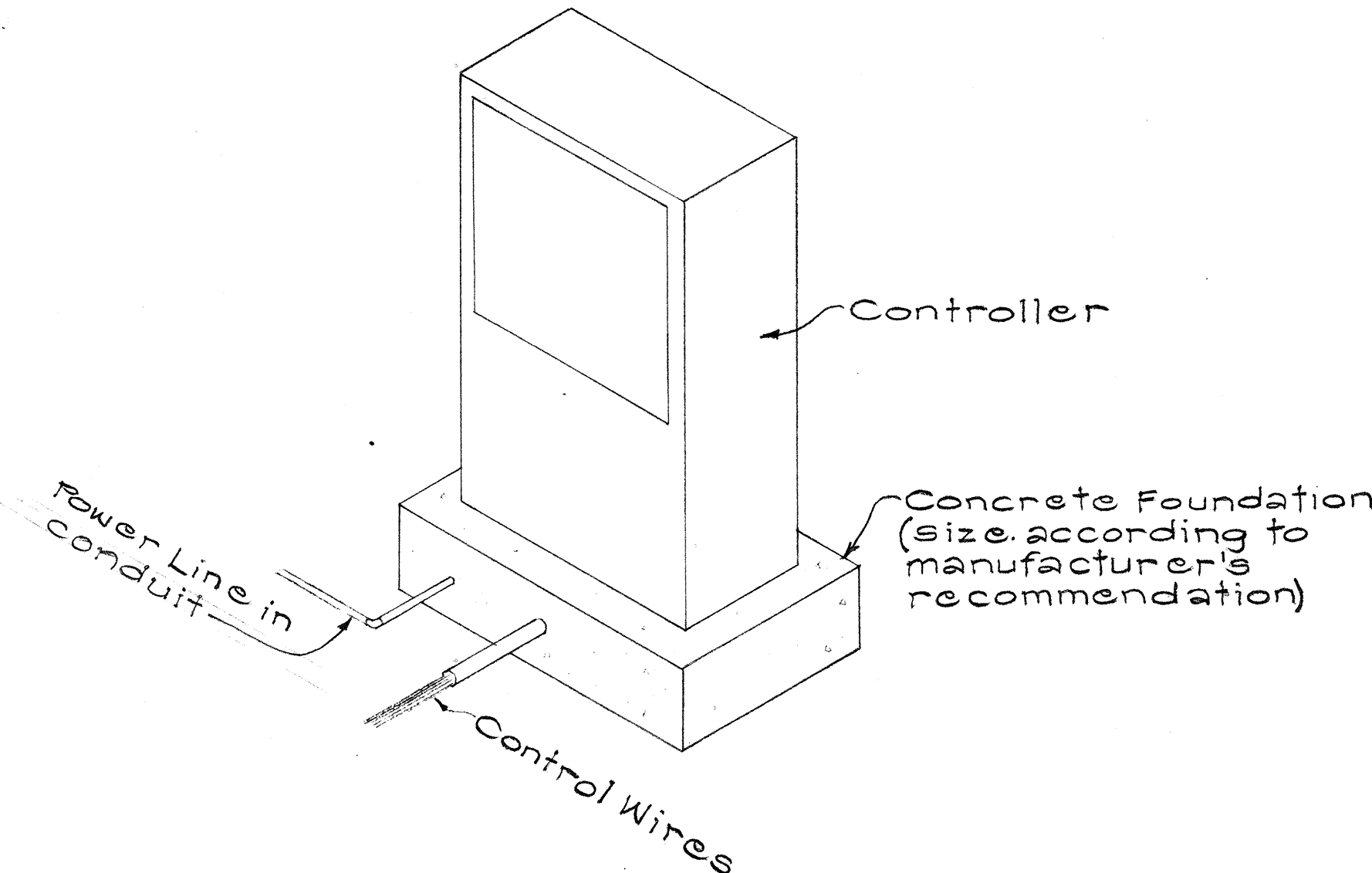
C.O. 116

DATE	_____
SURVEY PLOTTED BY	_____
DESIGNED BY	_____
QUANTITIES BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
No.	_____

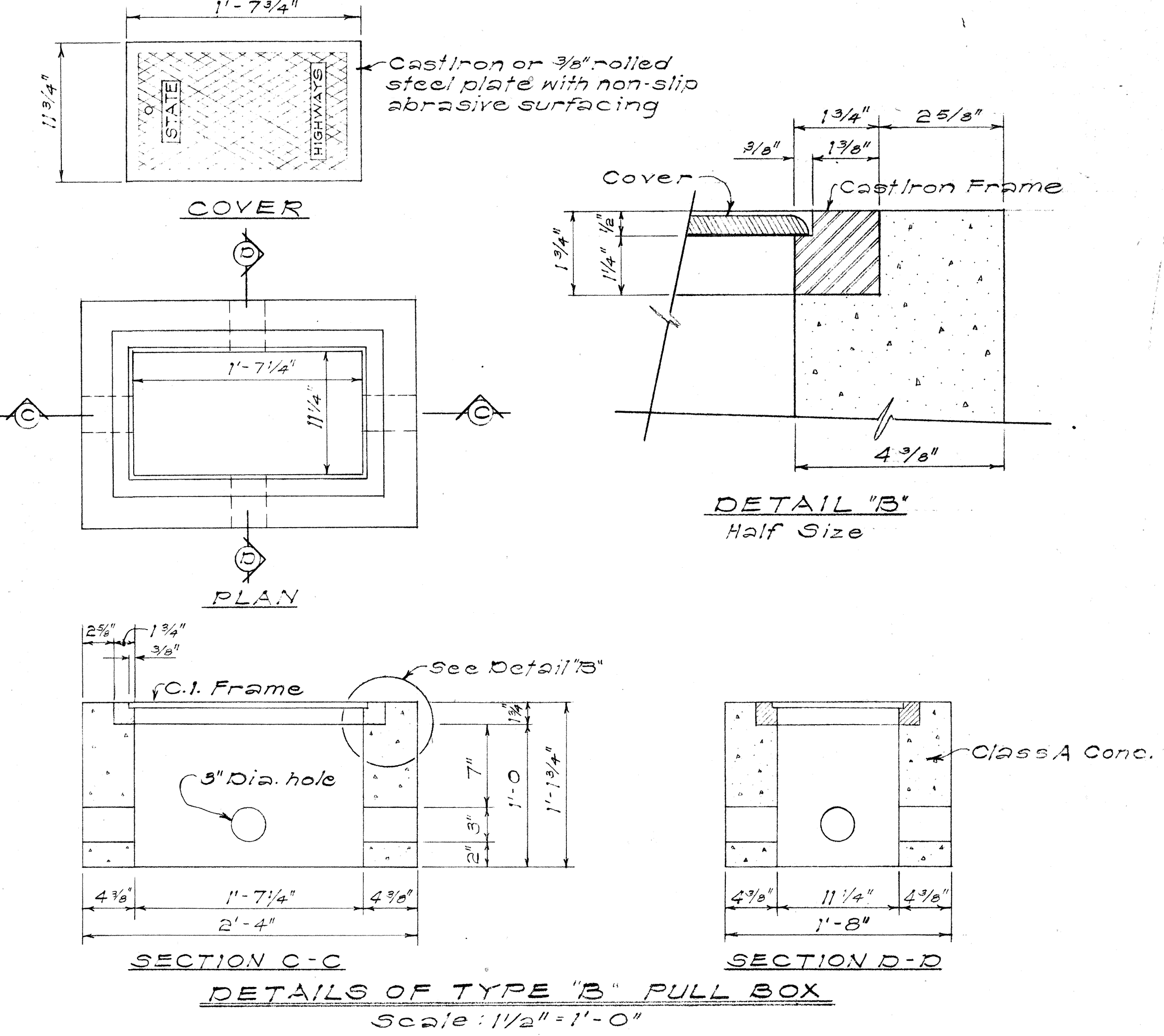
FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	H1-01-75 HWY-0-0472	1975	17	17



TYPICAL DETAILS OF RCV ELECTRICAL & PIPE CONNECTION



TYPICAL DETAIL FOR PEDESTAL MOUNTED SPRINKLER CONTROLLER



- GENERAL NOTES:**
- The Type "A" Valve Box is similar to a Honolulu Board of Water Supply Type "X" Meter Box.
 - Stencil the valve identification number on the cover. Use yellow or red epoxy paint and 2" high letters and numbers.
 - The valve cover maybe substituted with the BWS meter cover, but the words "Board of Water Supply" and "Water Meter" shall be ground off.
 - Plastic valve boxes may be substituted for the Type A Valve Box in areas where the valve box will not be subjected to traffic loads. Plastic valve boxes shall be a rigid combination of polyolefin and fibrous inorganic components. Physical properties shall be as follows:

	ASTM TEST METHOD	MINIMUM TEST VALUE
Tensile Strength	D 638	3,400 p.s.i.
Impact Strength	D 256	1.5 ft. lb./in.
Durometer Hardness	D 670	63
Deflection Temperature	D 648	230° F
Specific Gravity	D 792	1.15

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SPRINKLER DETAILS
Conversion of Manual Sprinkler Systems to Automatic Control

Scale: As Noted Date: March 1975

SHEET No. 2 OF 2 SHEETS

DATE	
DESIGNED BY	
CHECKED BY	
NO.	