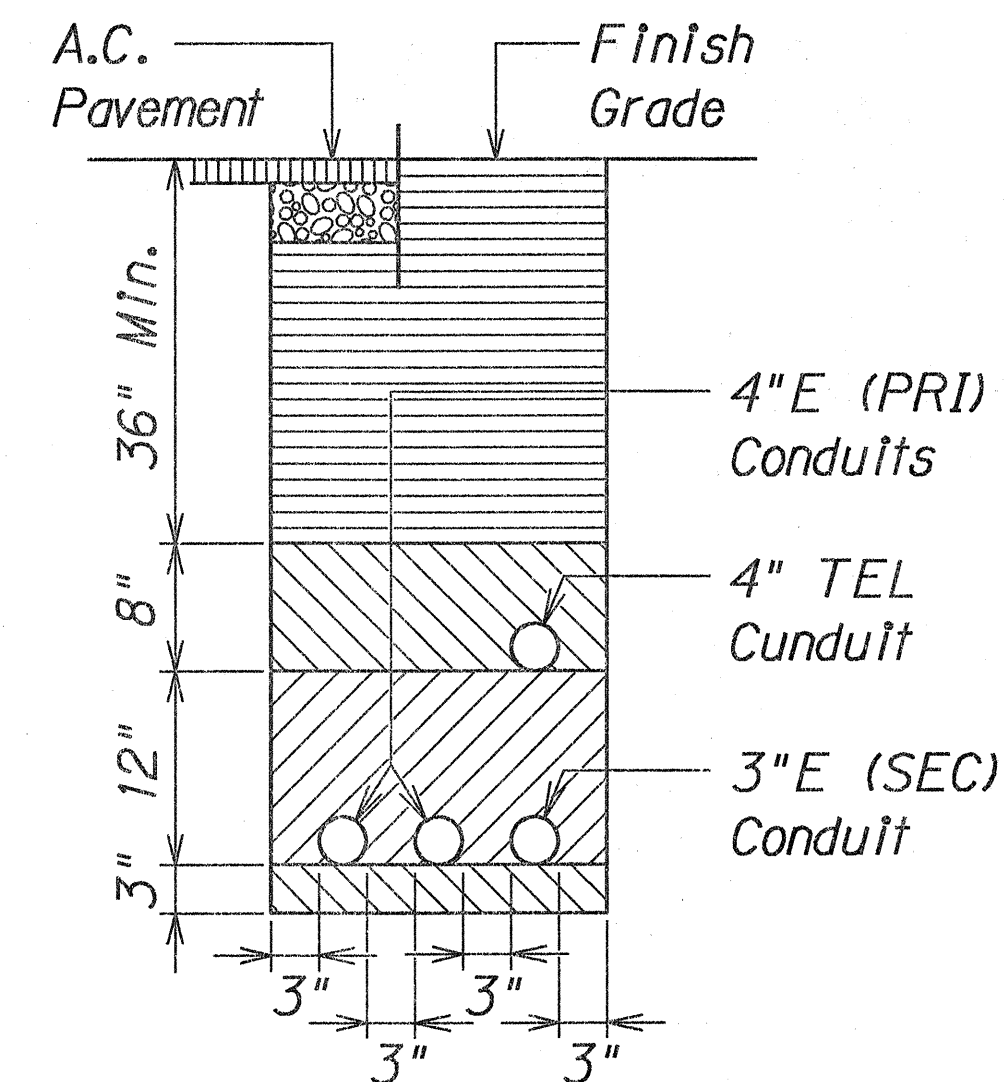
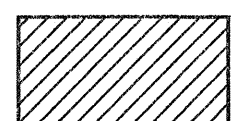
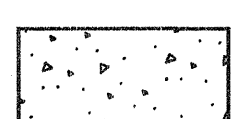


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-056-1(31)	1991	33	126

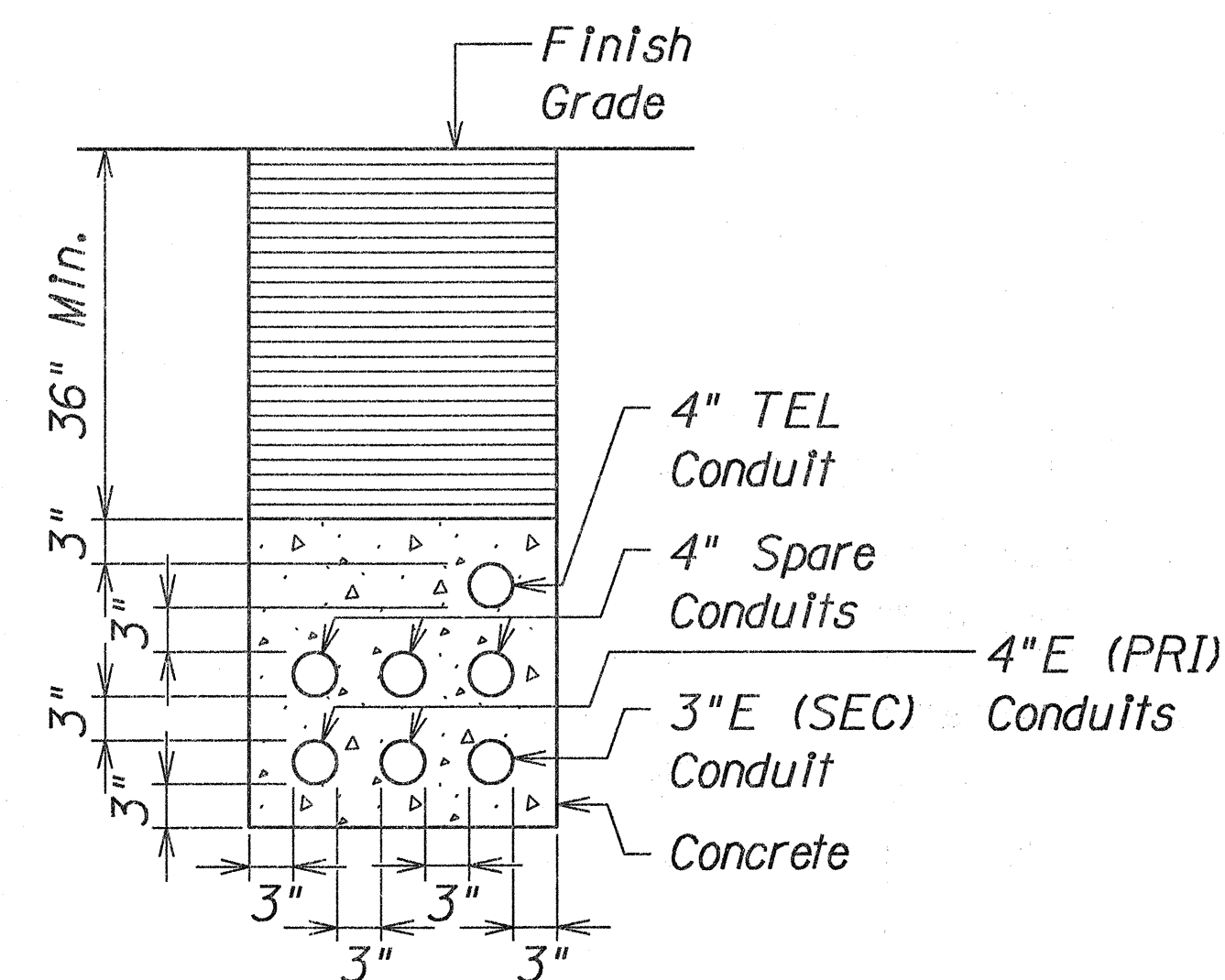


SECTION (A)

BACKFILL NOTES:

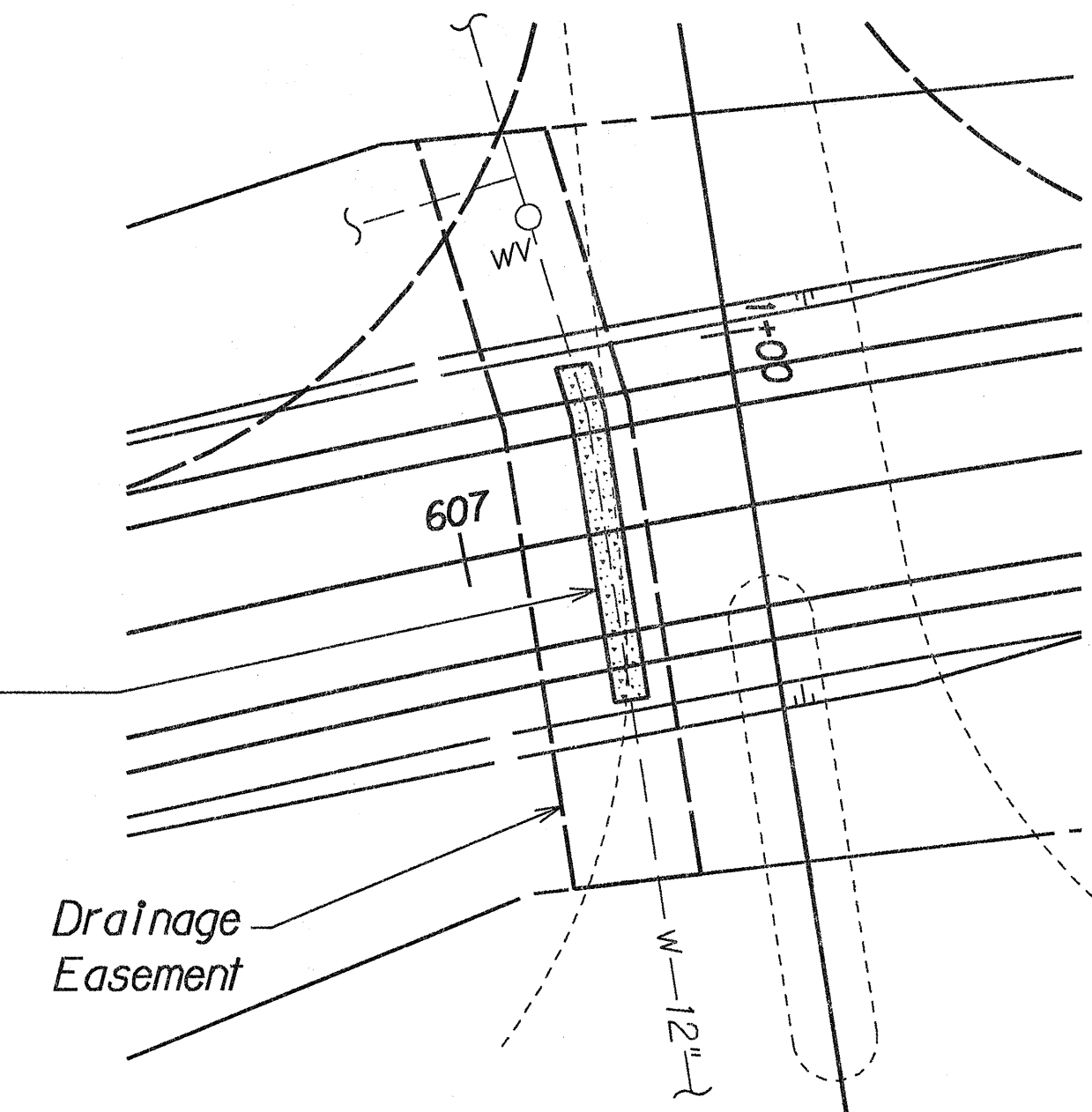
-  Trench Backfill Material "B"
1. Sand Equivalent ≥ 2
2. 8" Max. Lift
3. 95% Compaction
-  Trench Backfill Material "A"
1. Sand Equivalent ≥ 20
2. 8" Max. Lift
3. 95% Compaction
-  If material below duct is not equivalent to Backfill Material "A" excavate material and provide 3" Backfill Material "A". See above.
-  Concrete - 3" encasement, 3000 psi compressive strength @ 28 days.

NOTE: Base course and sub-base course per 1985 State Standard Specifications for Highway Construction.



SECTION (B)

Construct Reinforced Concrete Jacket.
For Detail See BWS Standard Details Plate 104.



EXISTING 12" WATERLINE AT STA. 607+17

Scale: 1" = 20'-0"

10-2-91 Deleted Pipe Protection Details

DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS DETAILS

KUHIO HIGHWAY
Princeville to Kalihiwai
F.A. Project No. F-056-1(31)

Scale: As Shown Date: June, 1991

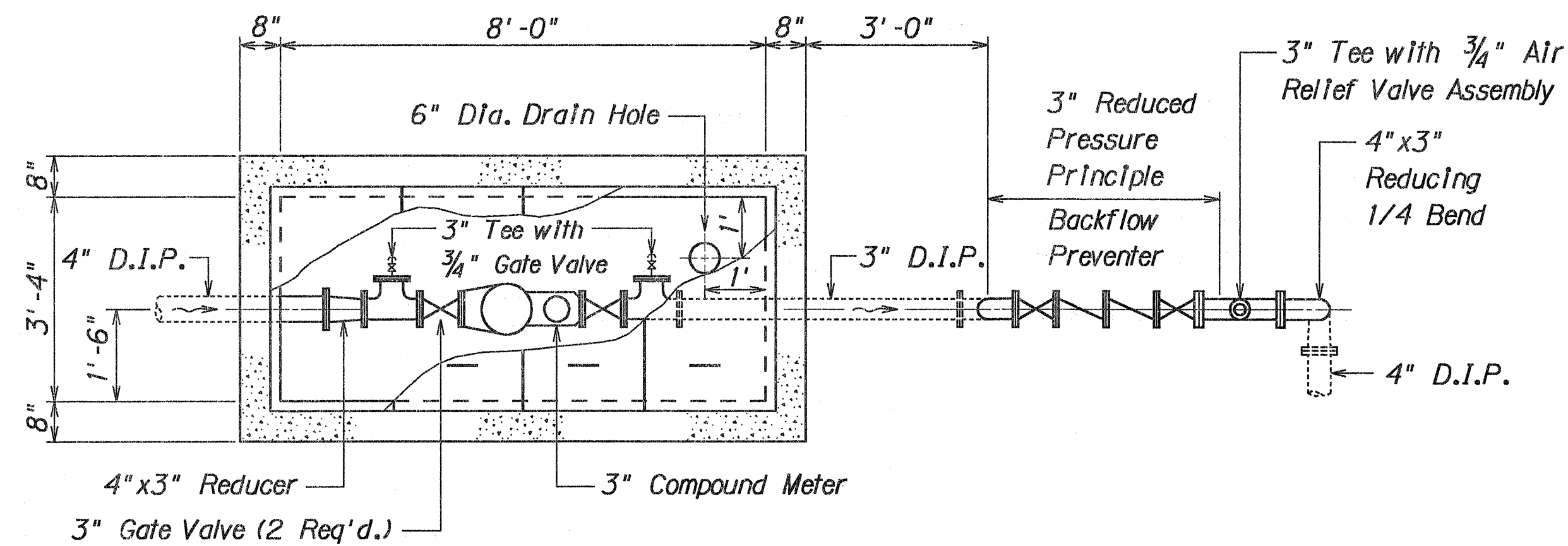
SHEET No. 1 OF 2 SHEETS

ORIGINAL	SURVEY PLOTTED BY	DATE
PLAN	DESIGNED BY	
NOTE BOOK	QUANTITIES BY	
N.	CHECKED BY	

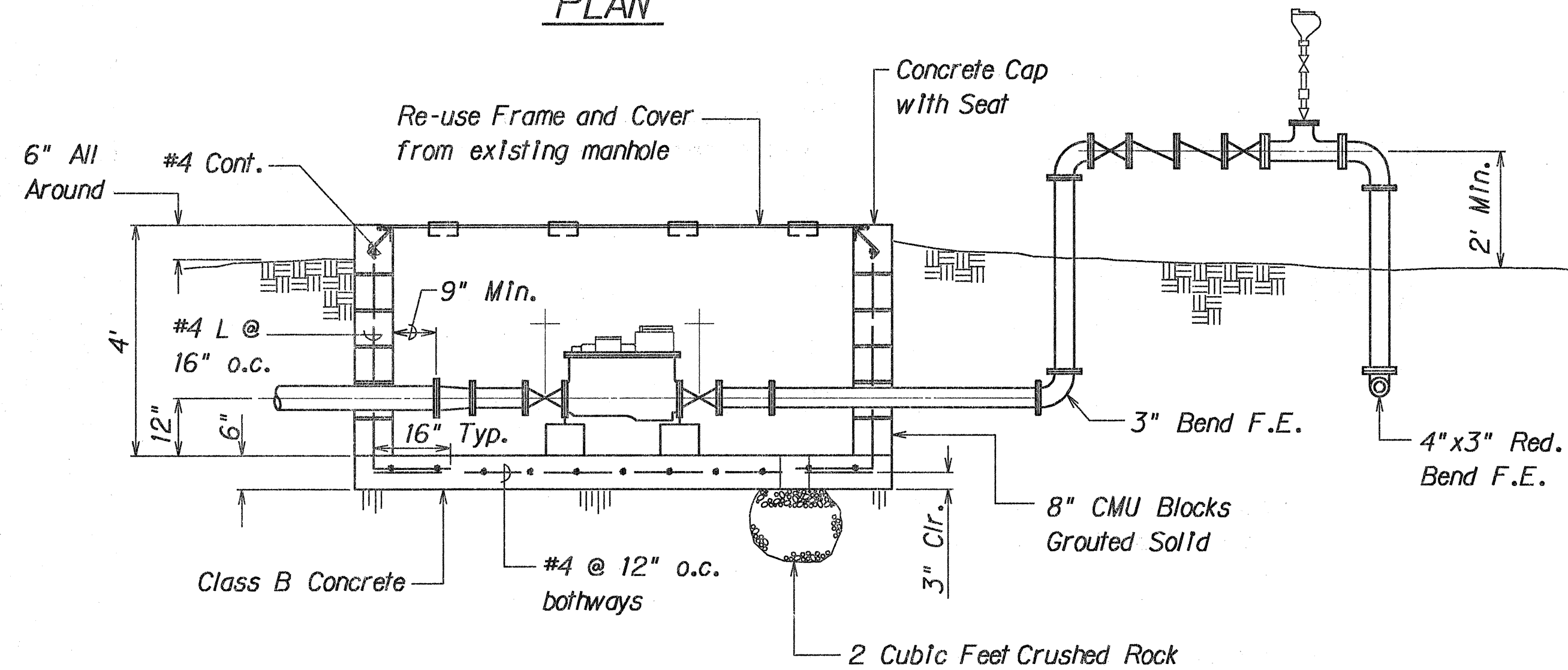
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-056-1(31)	1991	34	126

NOTES:

1. Posts are Schedule 40 (Std. Weight) Pipe.
2. Sizes specified are outside diameter.
3. All welded connections and rods shall be painted with two coats of sea lube Z.R.C. compound.
4. Paint posts yellow.

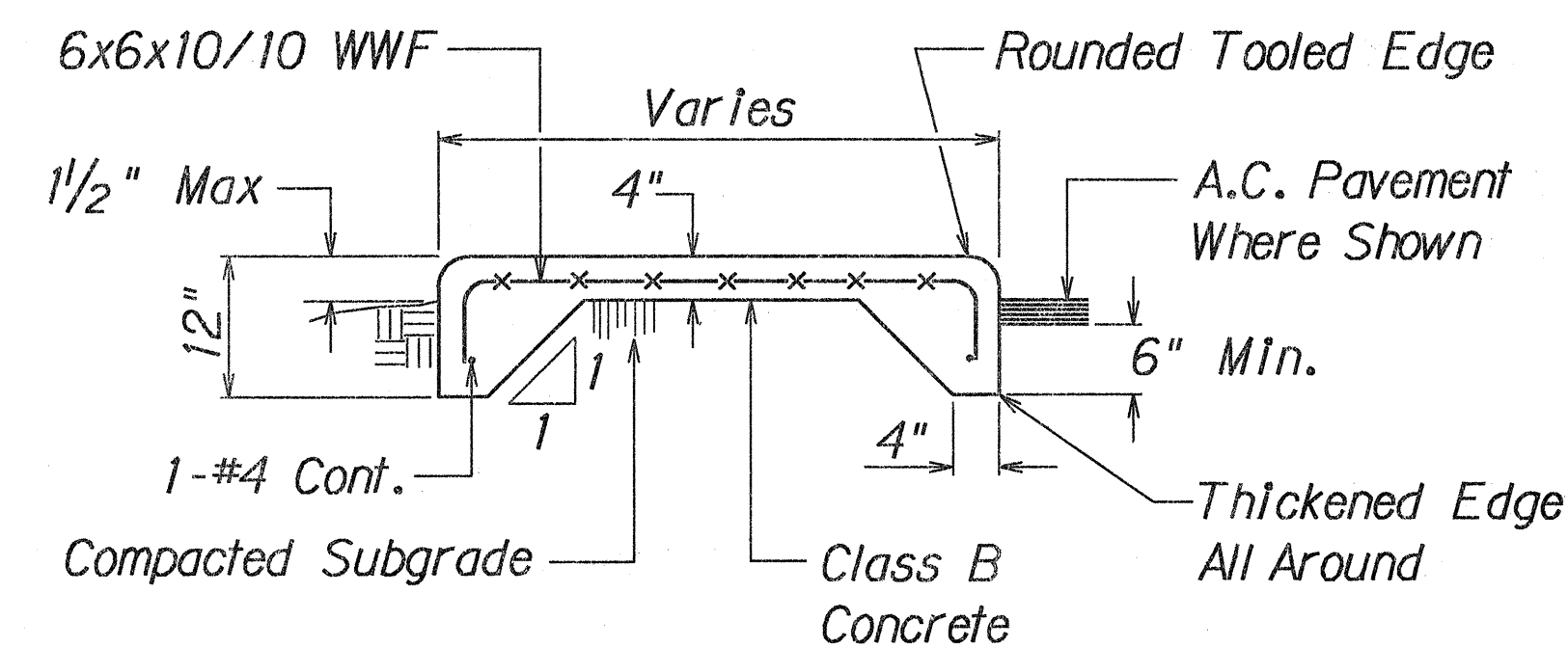


PLAN



WATER METER/BACKFLOW PREVENTER

Scale: 1/2" = 1"

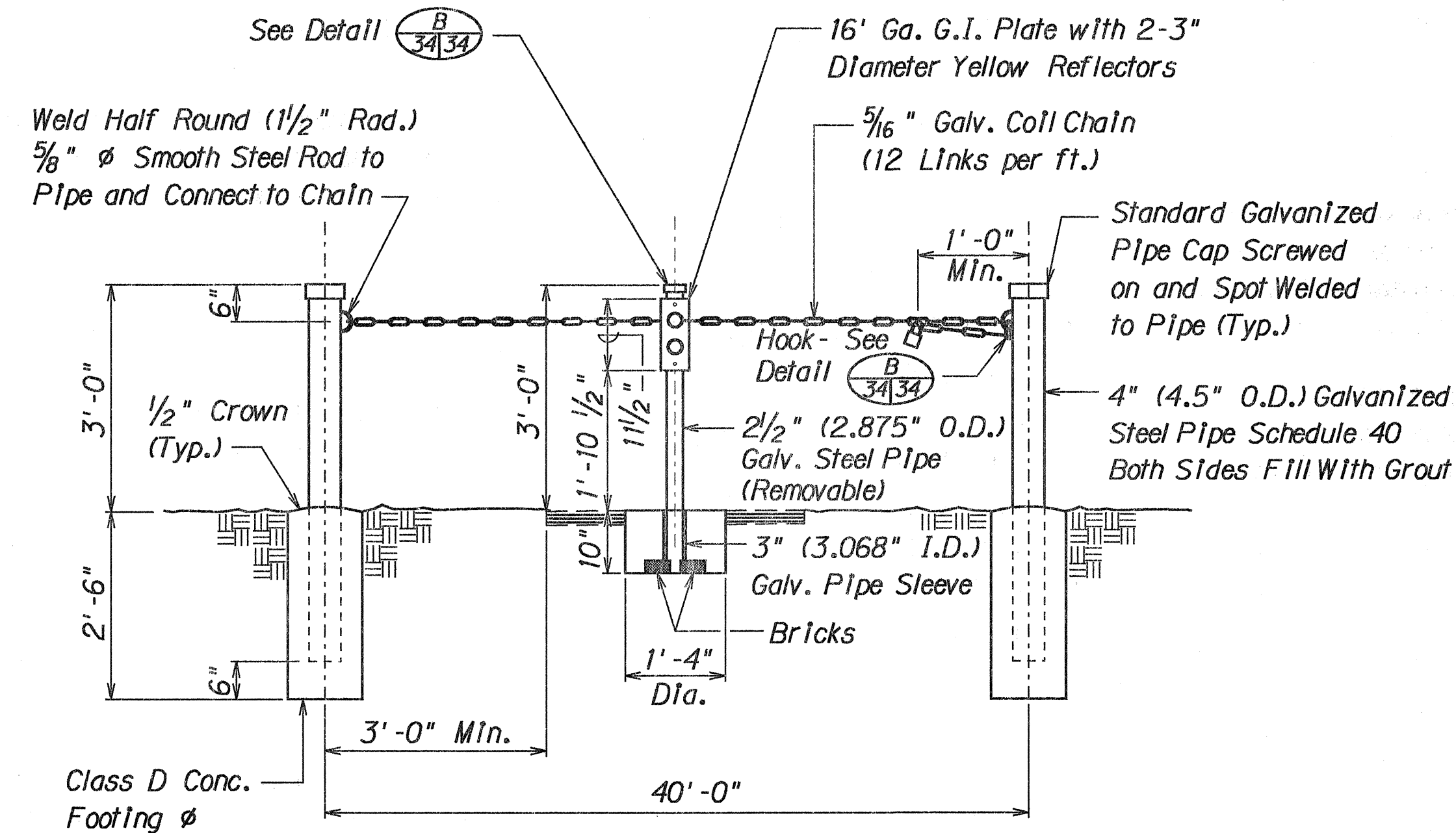


REINFORCED CONCRETE SIDEWALK

Not to Scale

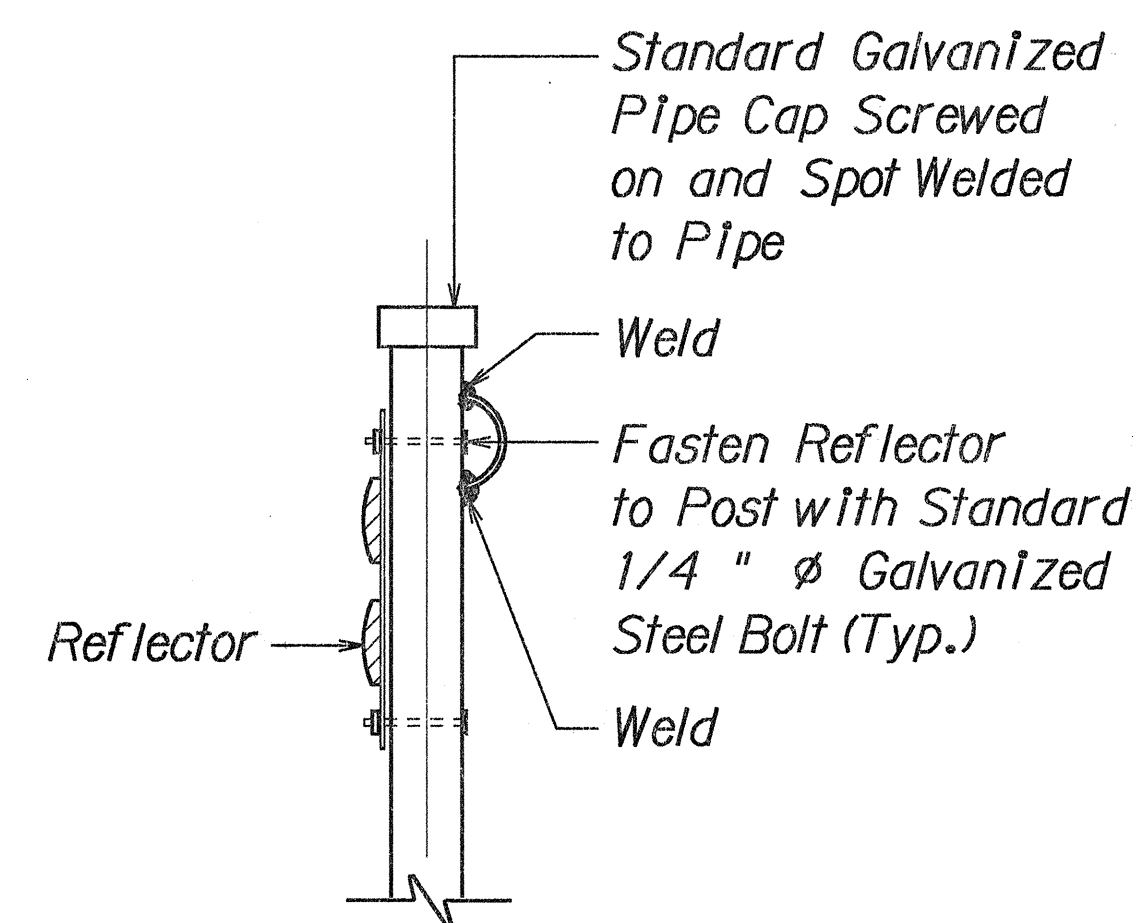
NOTES:

1. Surface shall be broomed finished.
2. Score into 4' squares.



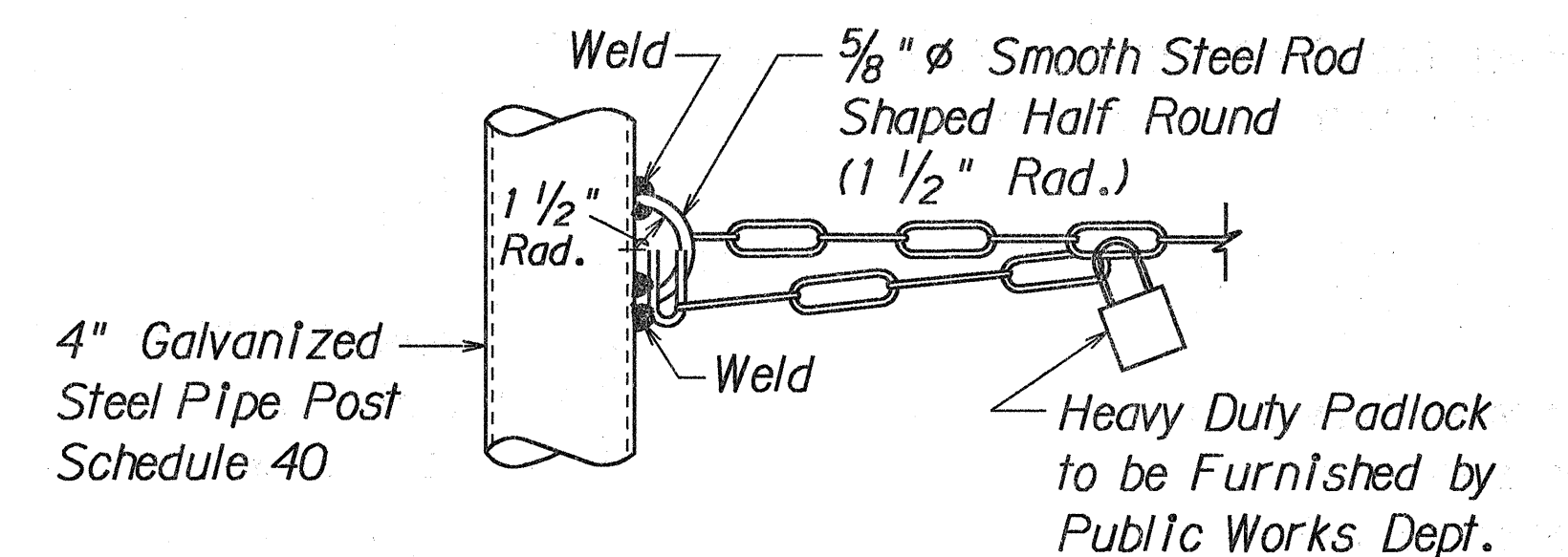
CHAIN LINK BARRIER GATE

Not to Scale



DETAIL A

Not to Scale



DETAIL B

Not to Scale

APPROVED:

COUNTY ENGINEER, COUNTY OF KAUAI

10/16/91
DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS DETAILS

KUHIO HIGHWAY
Princeville to Kalihwai
F.A. Project No. F-056-1(31)

Scale: As Shown Date: June, 1991

SHEET No. 2 OF 2 SHEETS