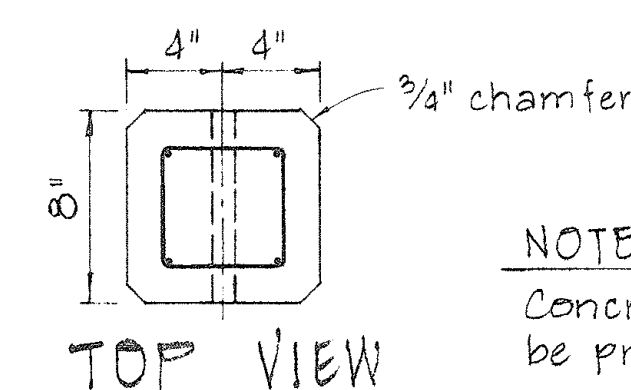
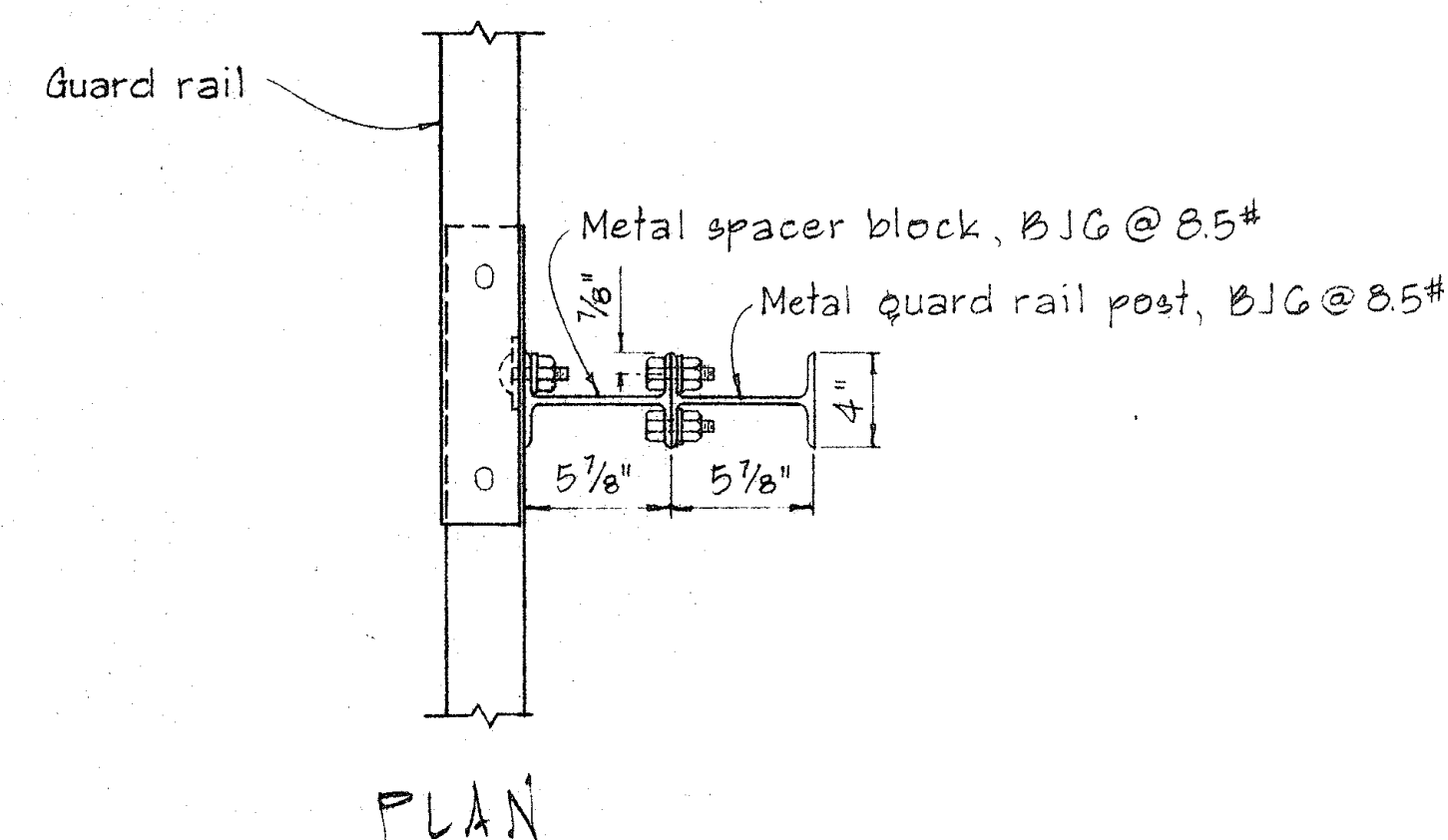
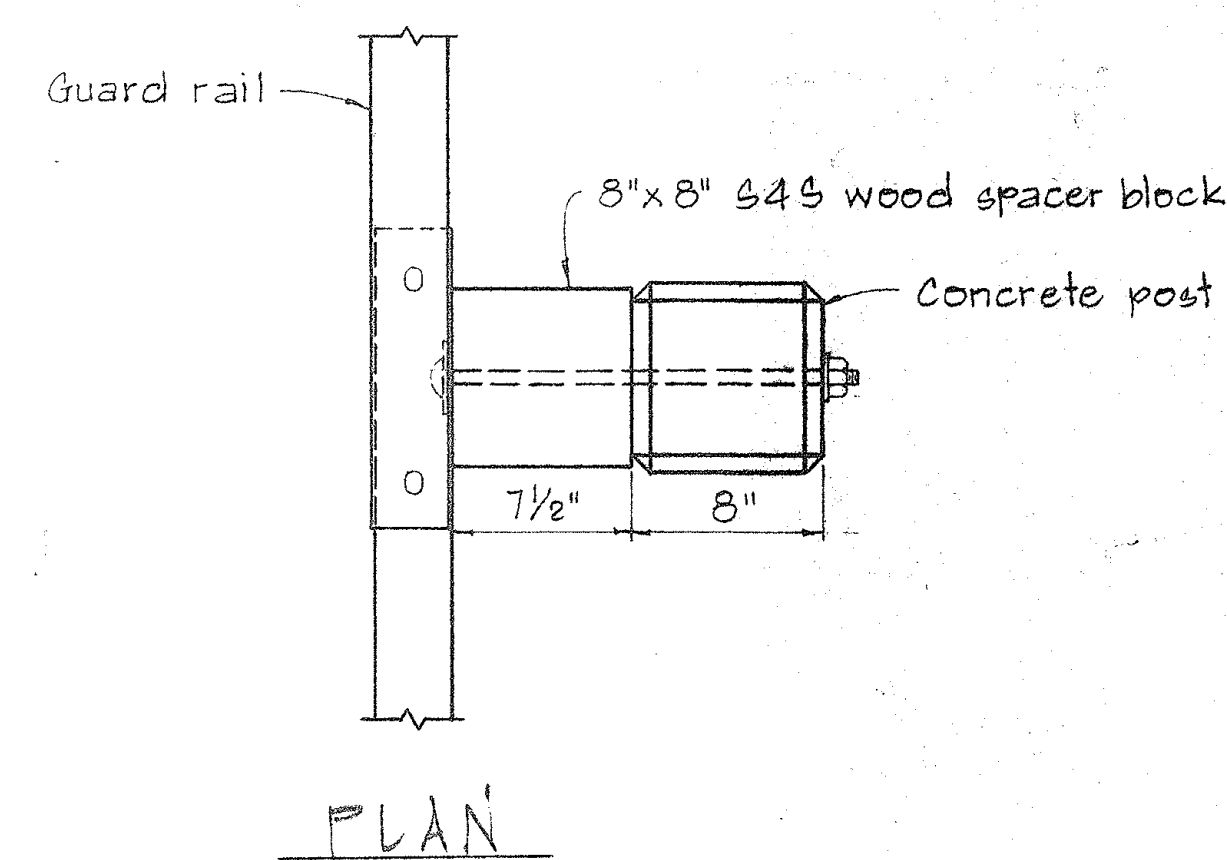
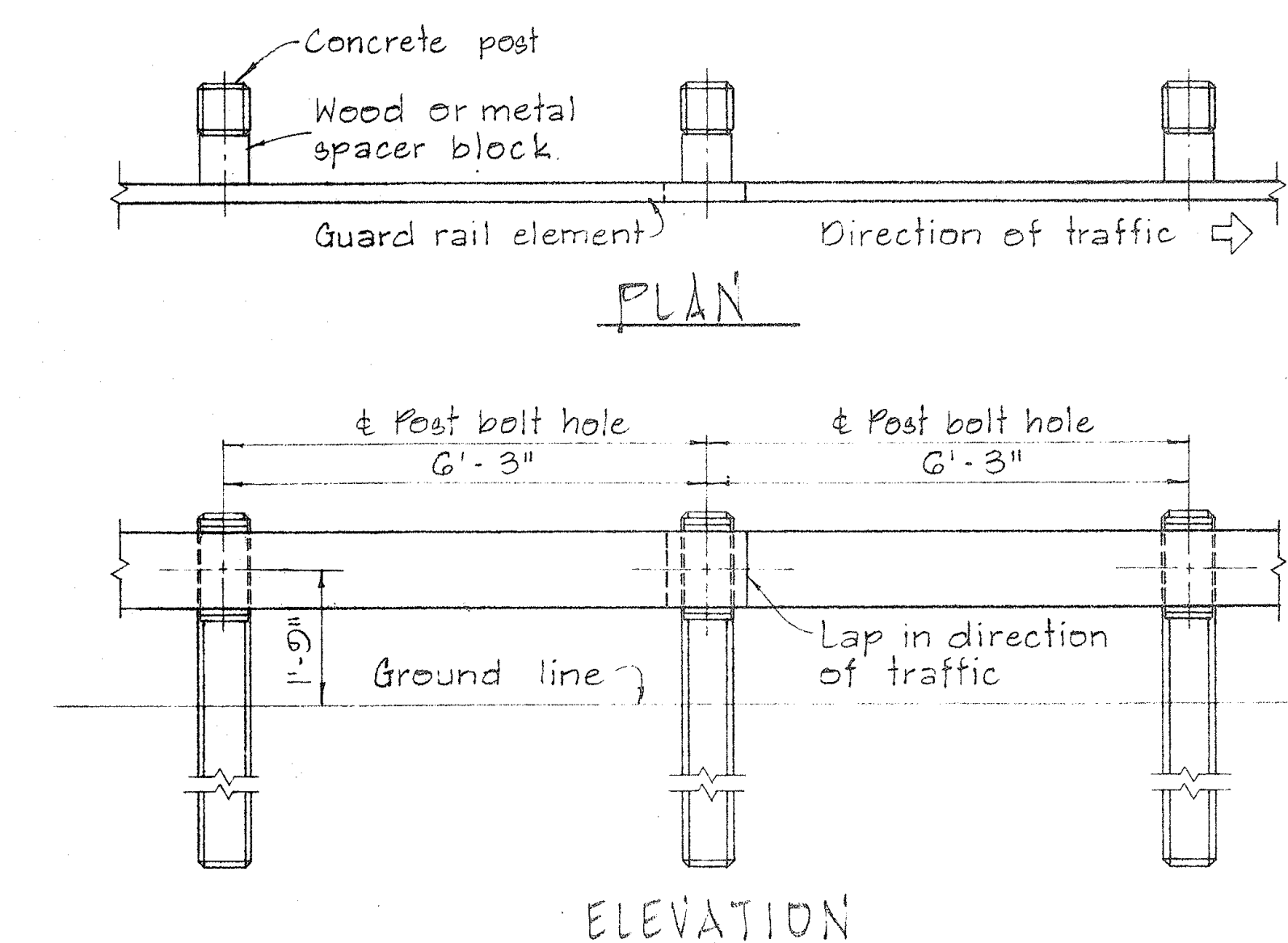
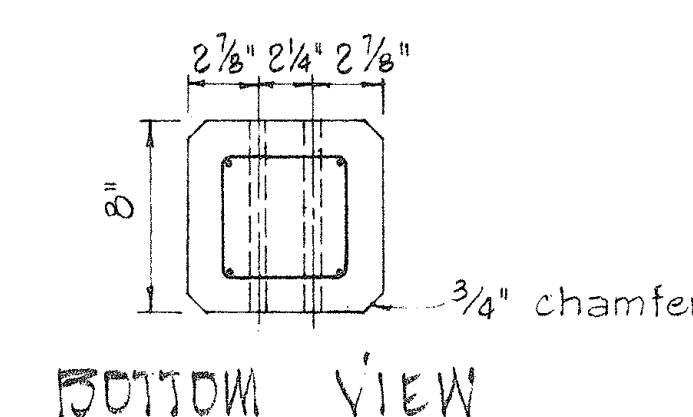
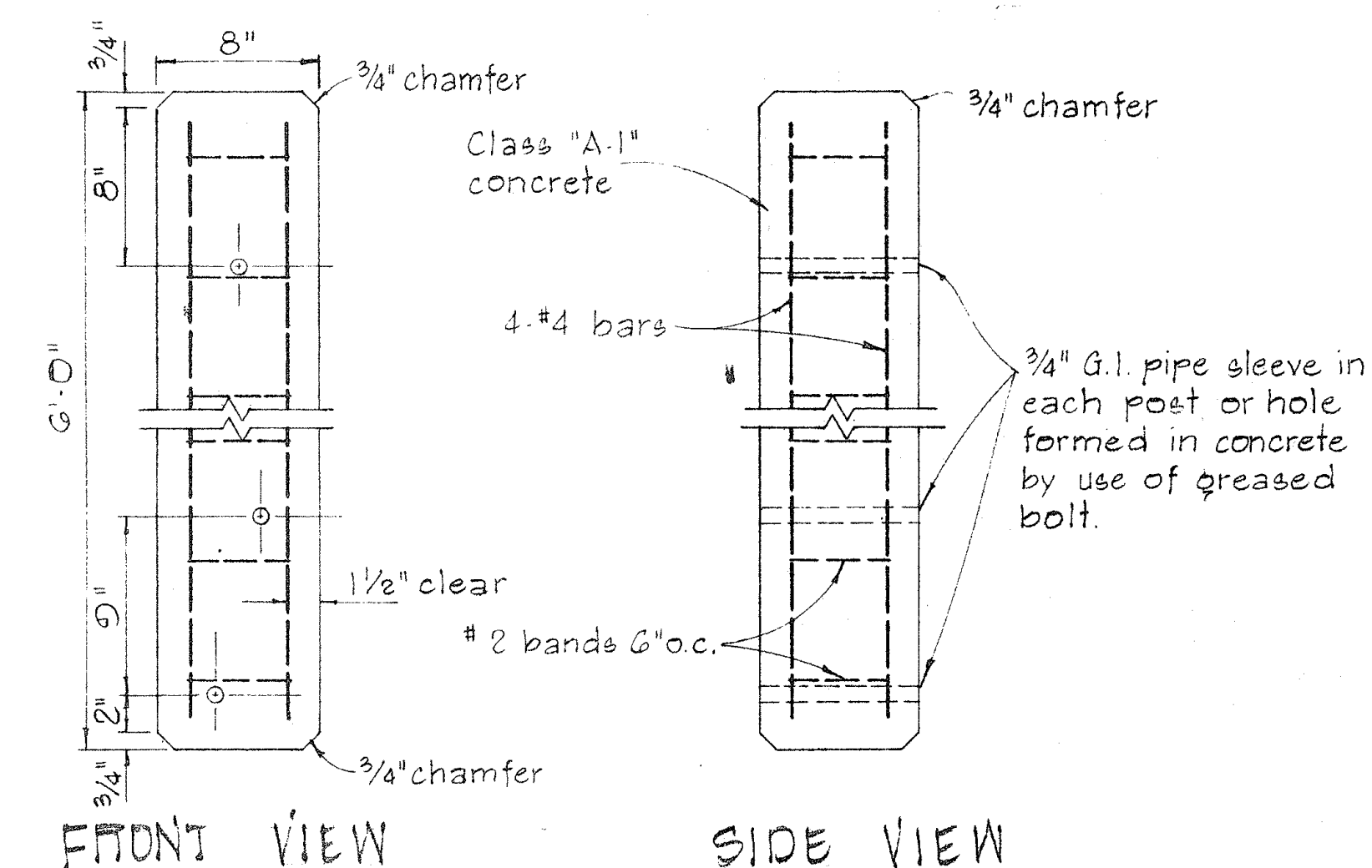


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	144(3)21 Unit 4	1969	23	34

REVISED: 12-11-66
REVISED: 2-26-69

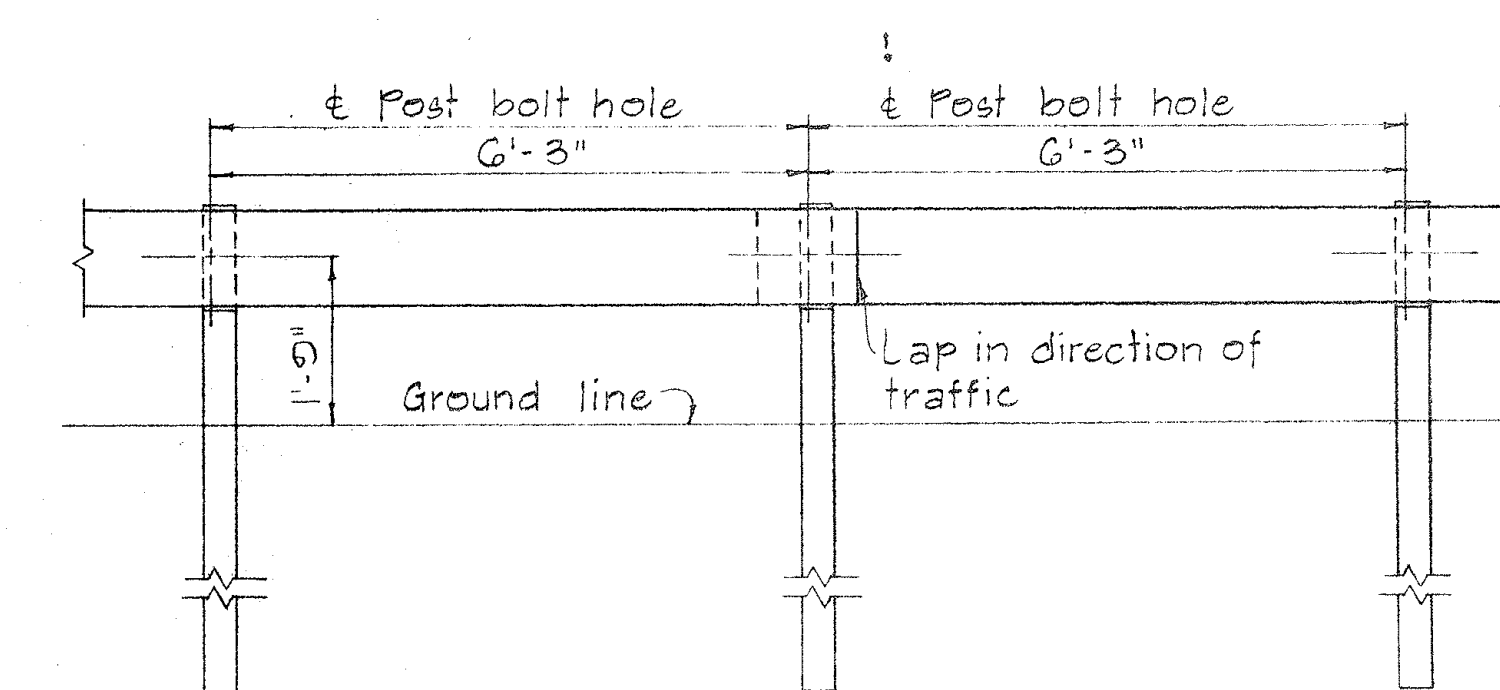
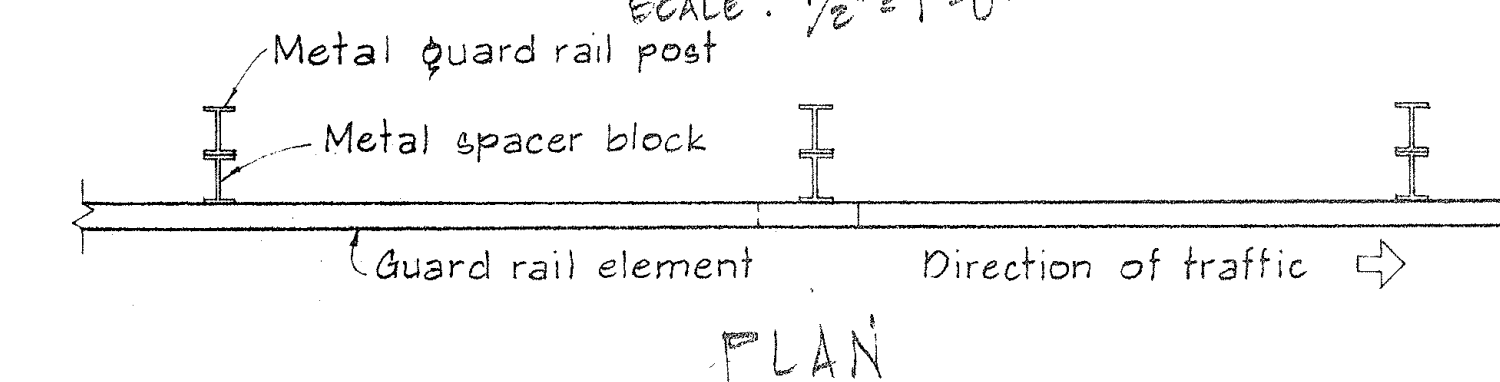


NOTE:
Concrete post shall be precast



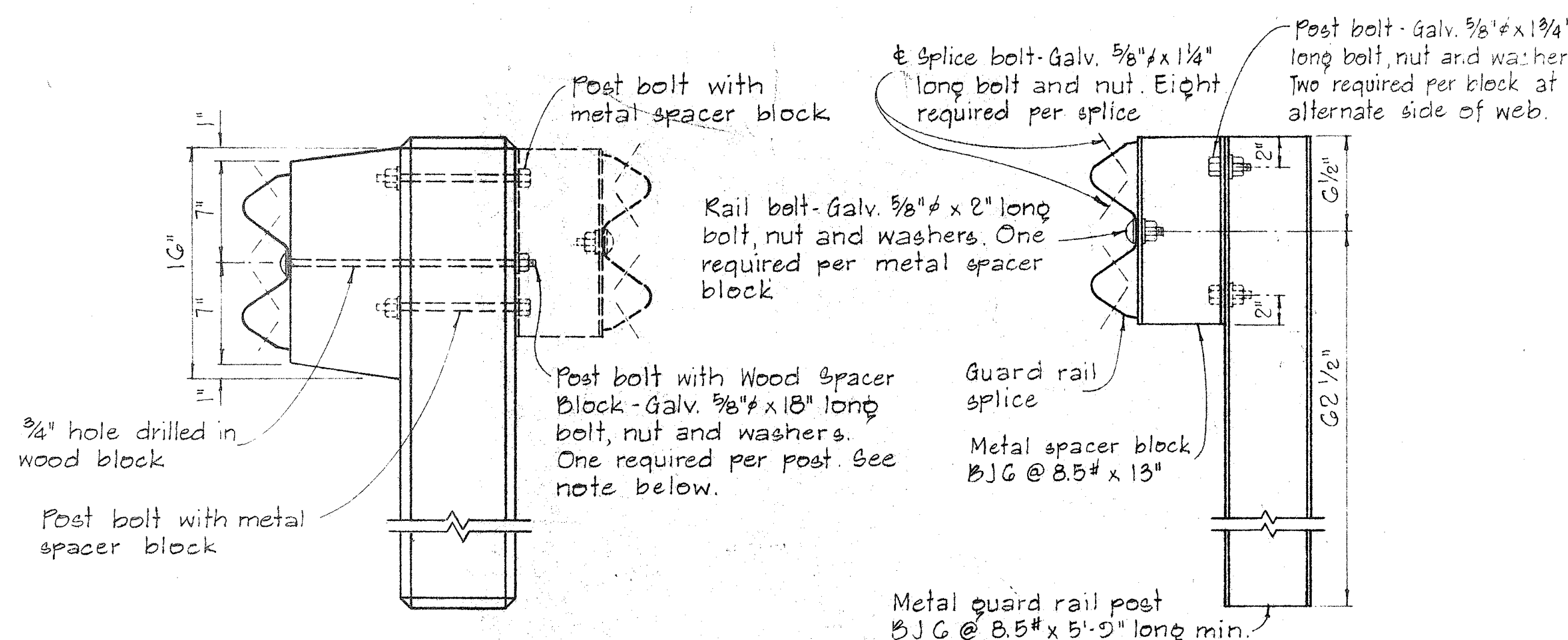
METAL GUARD RAIL ON CONCRETE POST
WITH WOOD OR METAL SPACER BLOCK

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



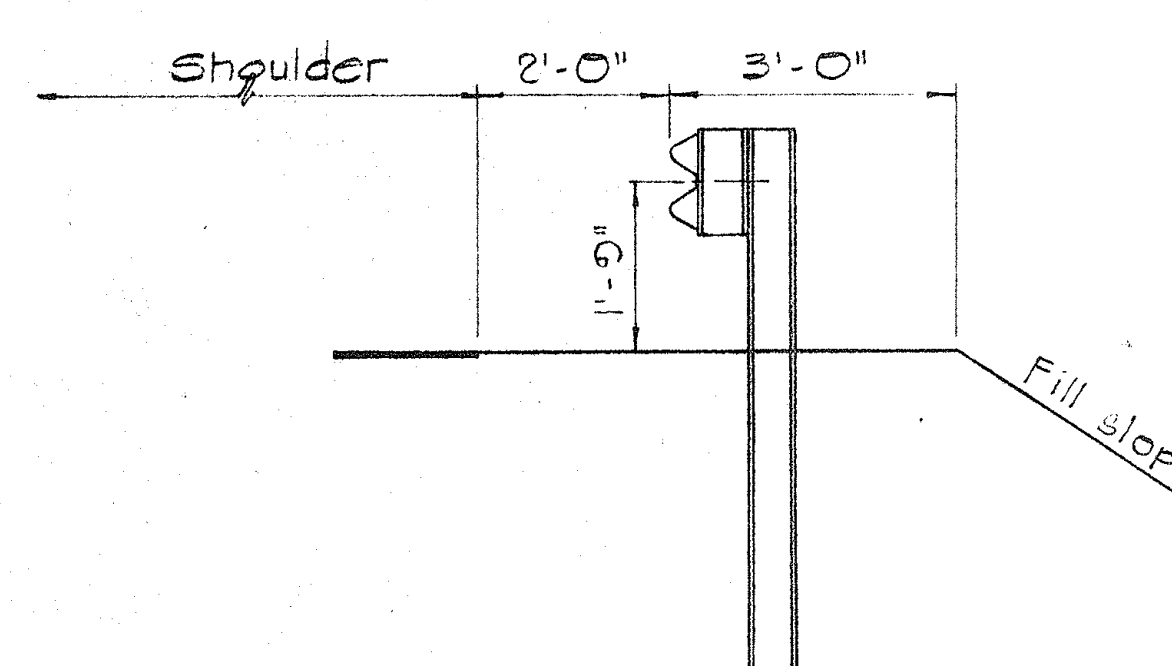
METAL GUARD RAIL ON METAL POST
WITH METAL SPACER BLOCK

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



SINGLE METAL GUARD RAIL ON METAL POST
WITH METAL SPACER BLOCK

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



TYPICAL METAL GUARD RAIL DETAIL

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

SINGLE METAL GUARD RAIL ON PRECAST
CONCRETE POST WITH WOOD OR METAL SPACER BLOCK

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

DATE	
SURVEY PLOTTED BY	
DRAWN BY	
TRACED BY	
NOTED BY	
CHECKED BY	
NO.	

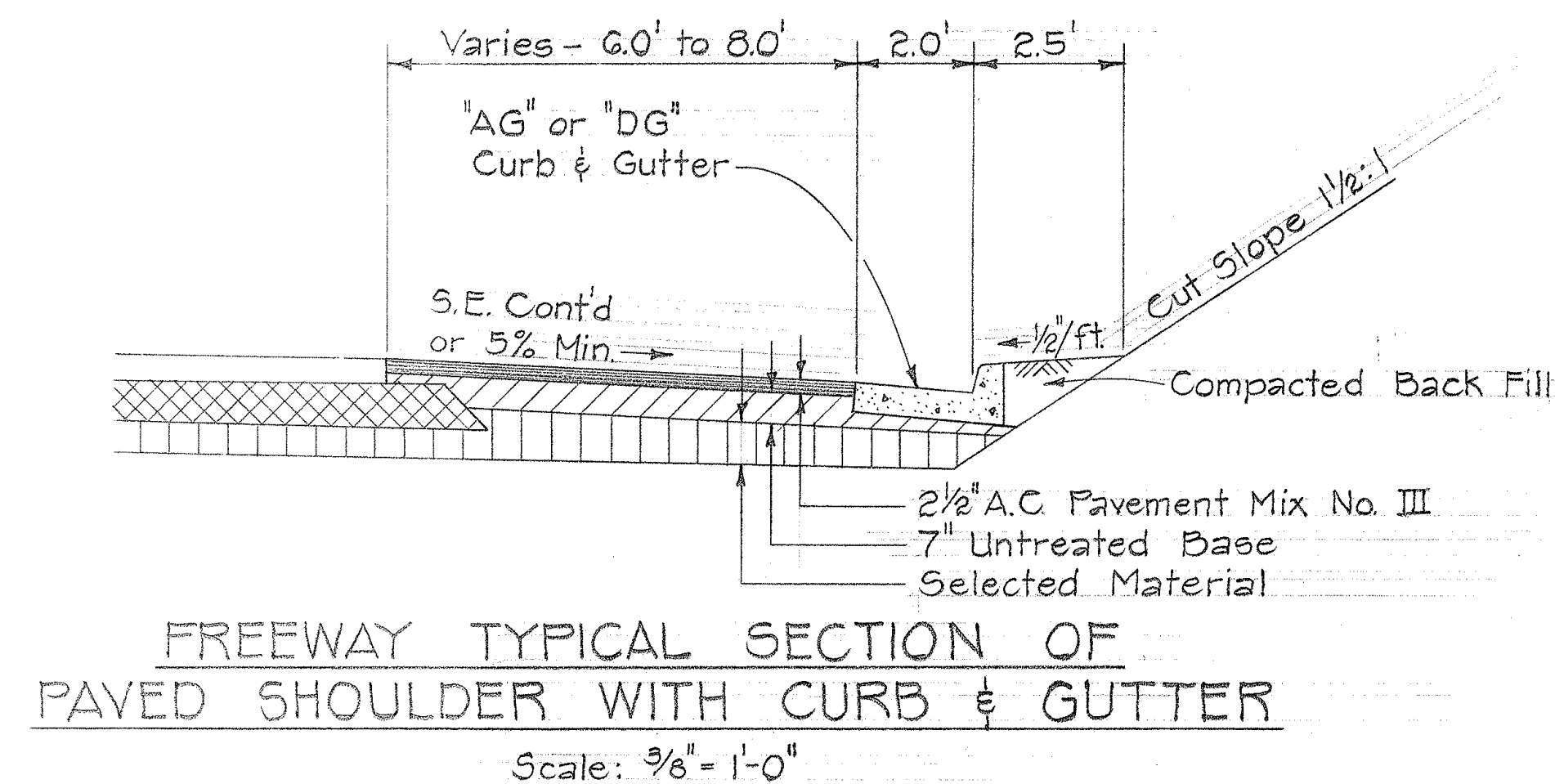
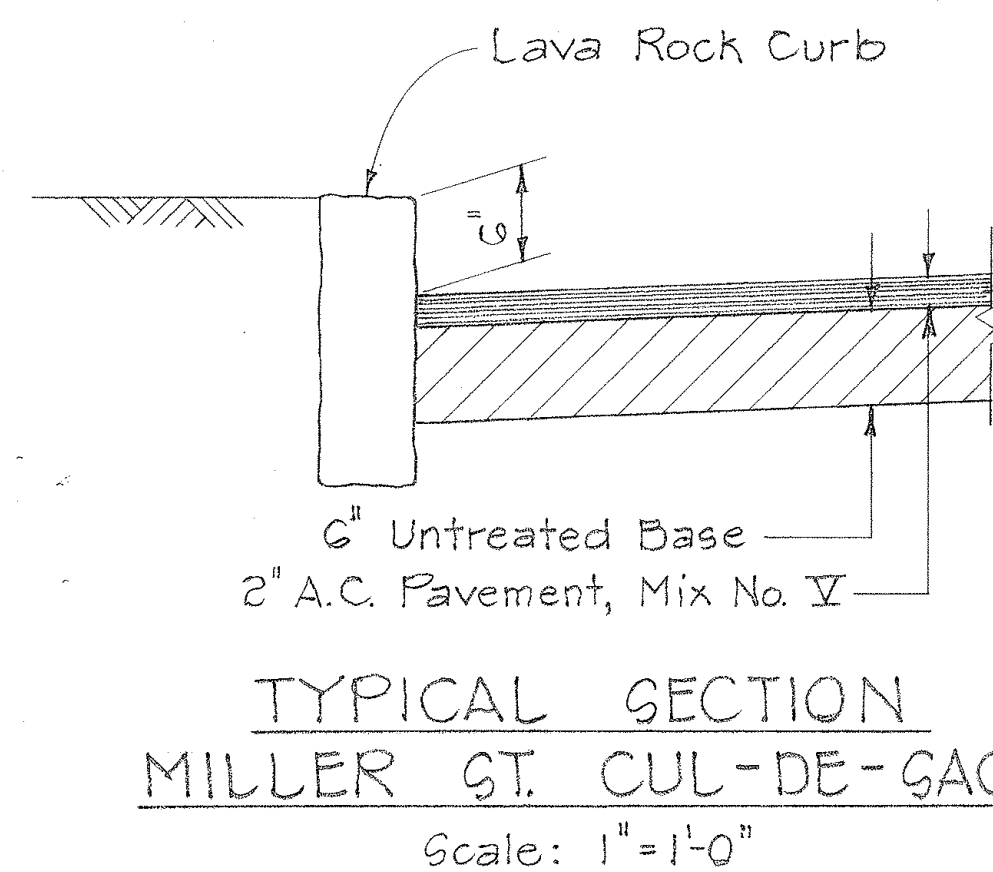
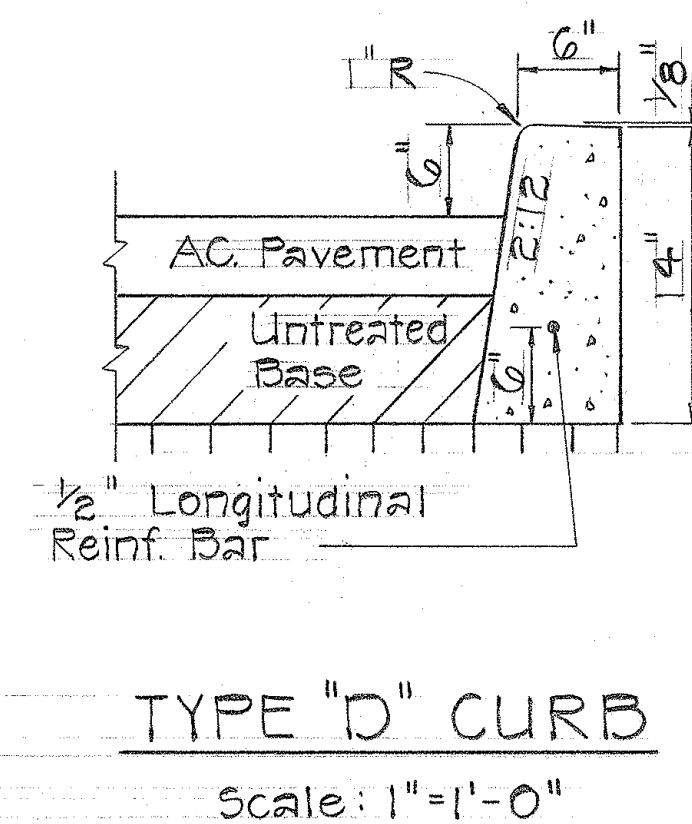
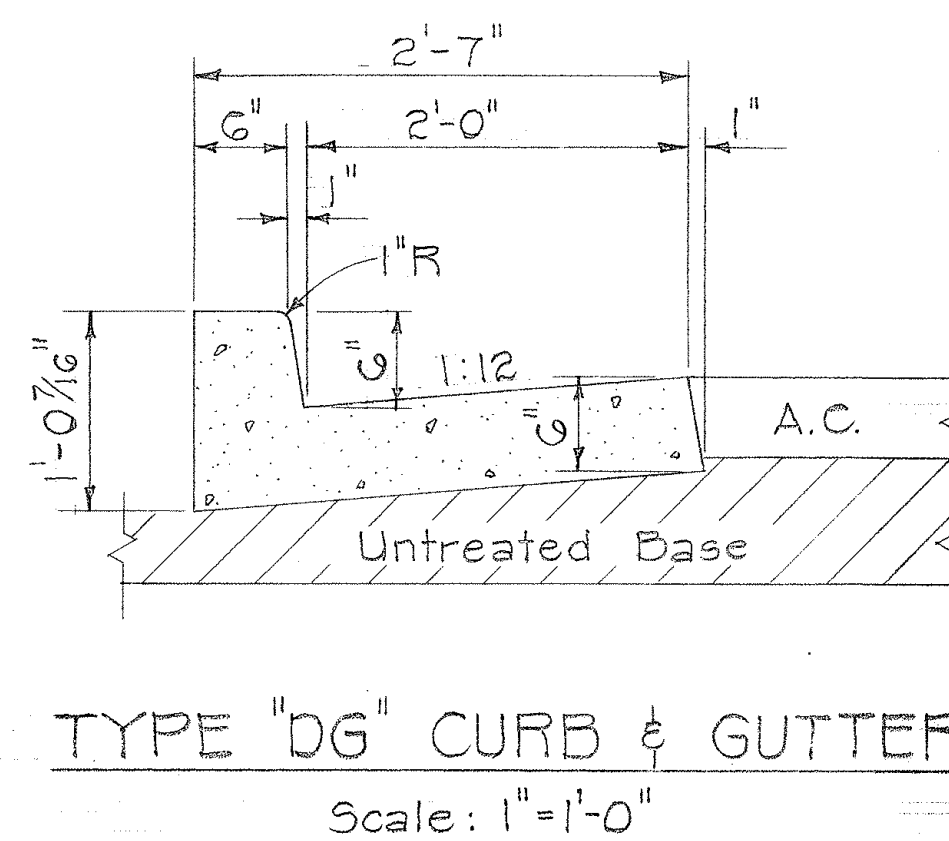
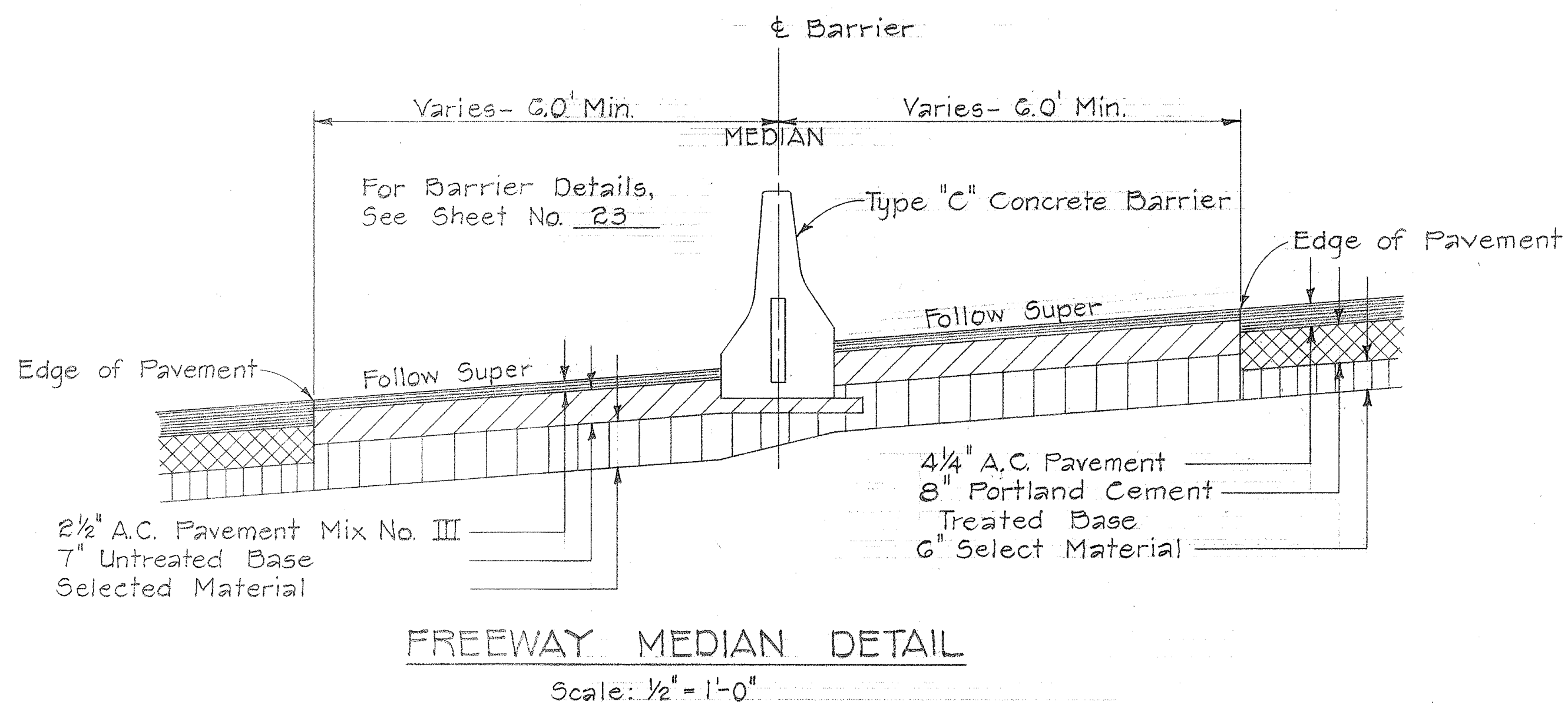
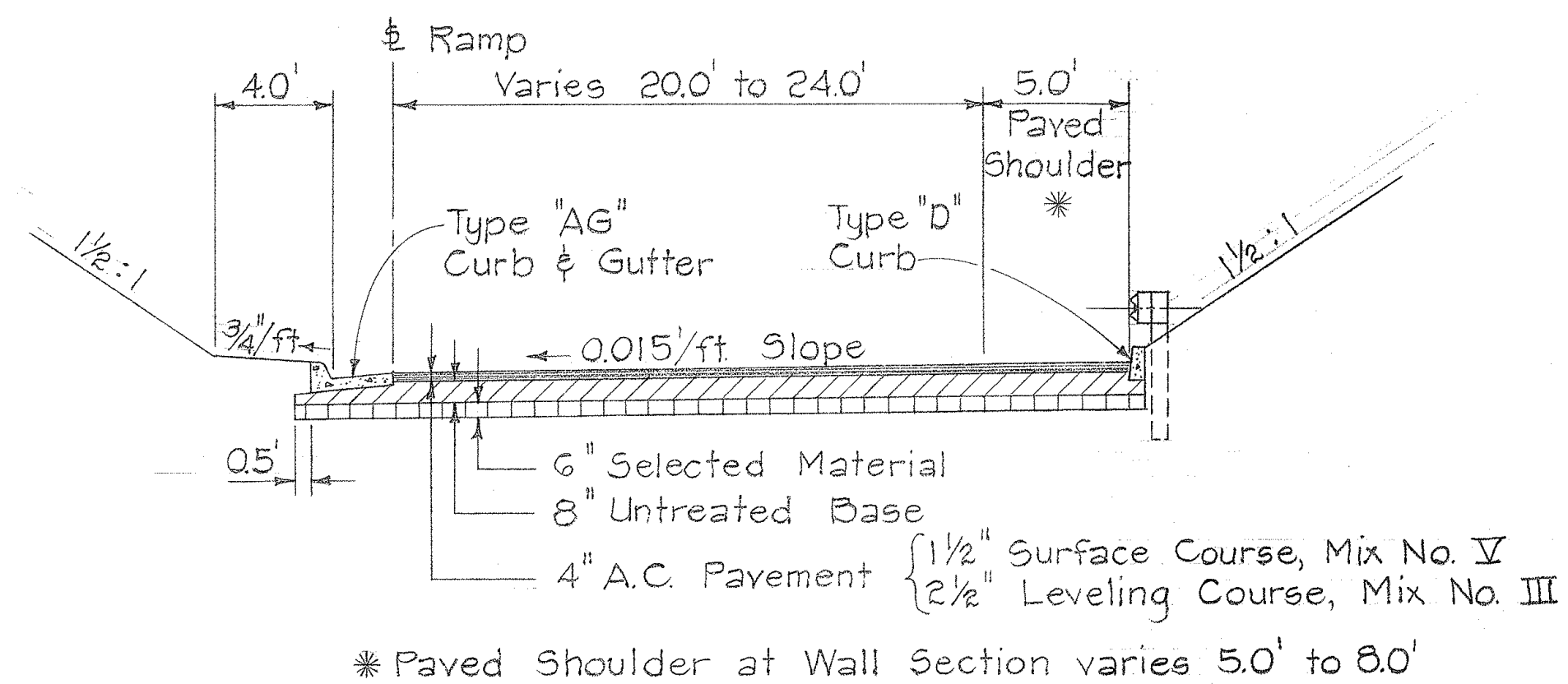
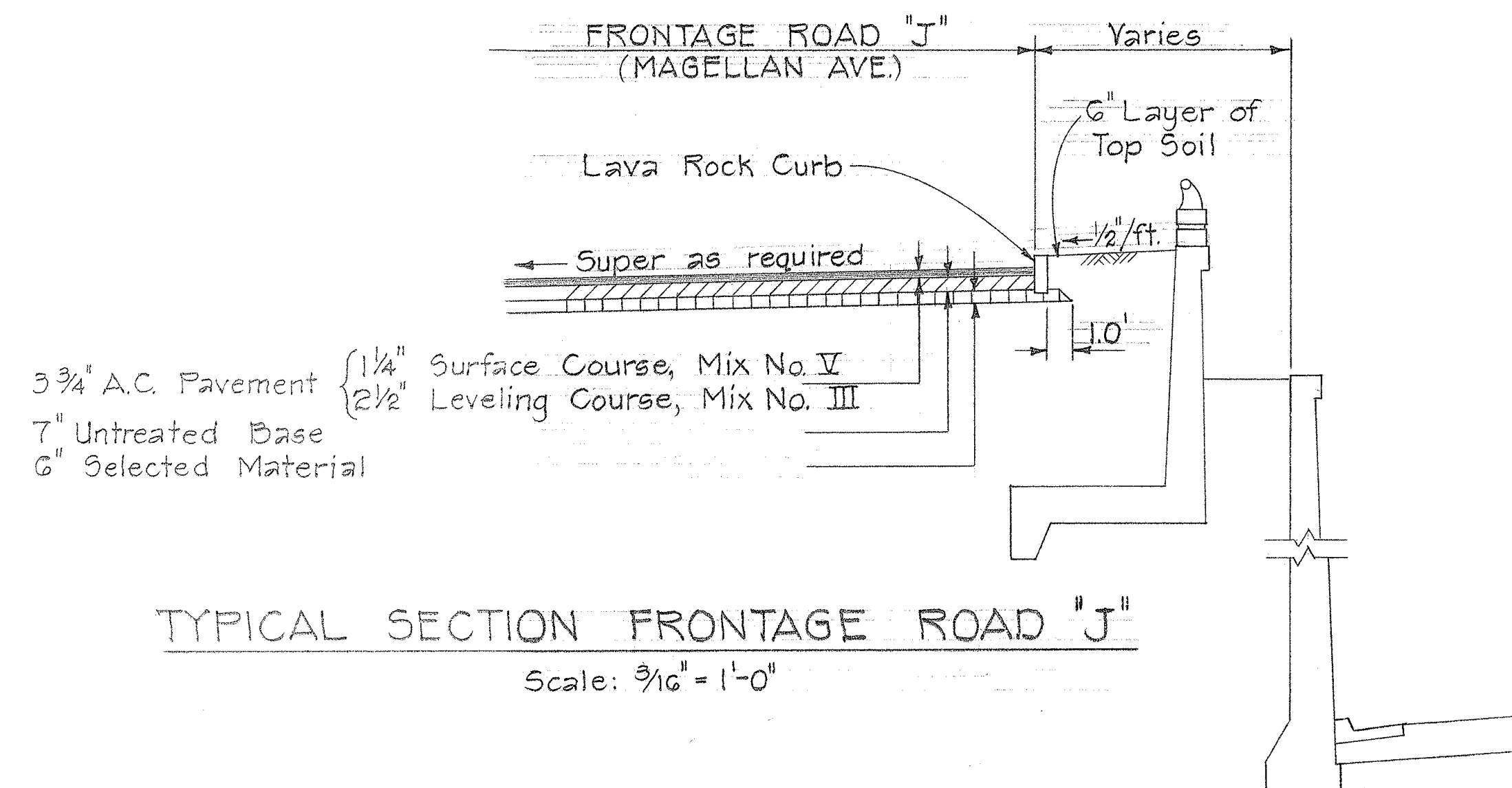
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STANDARD DETAILS
METAL GUARD RAIL

SCALE: AS SHOWN NOV. 1968

SHEET No. 2 OF 6 SHEETS DT 500

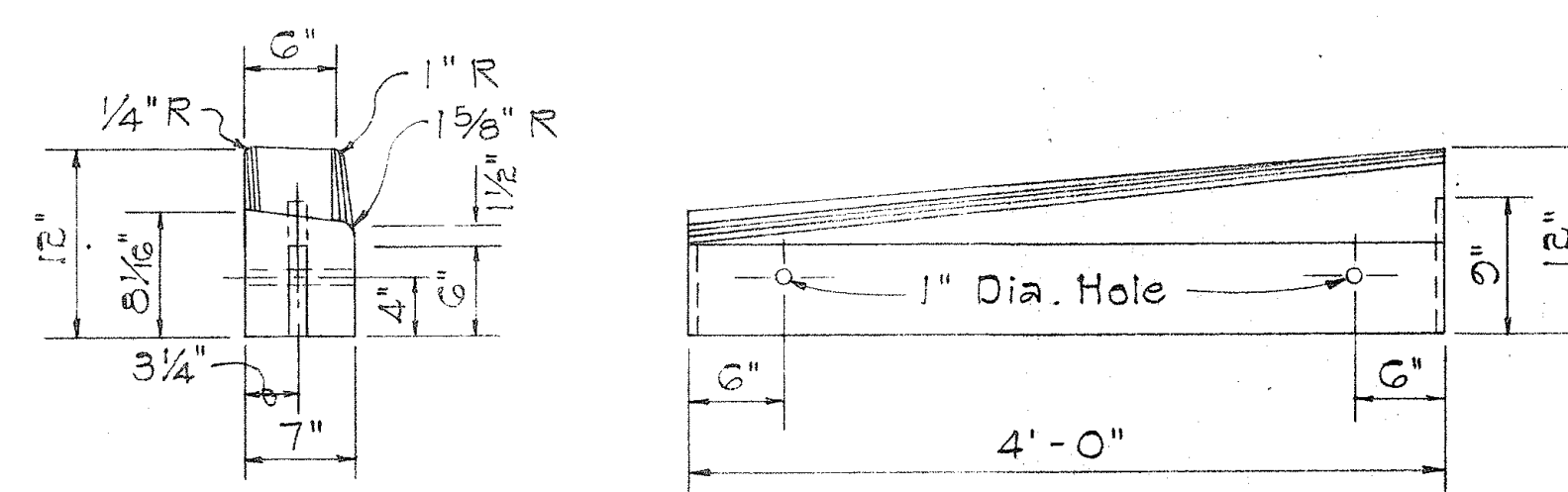
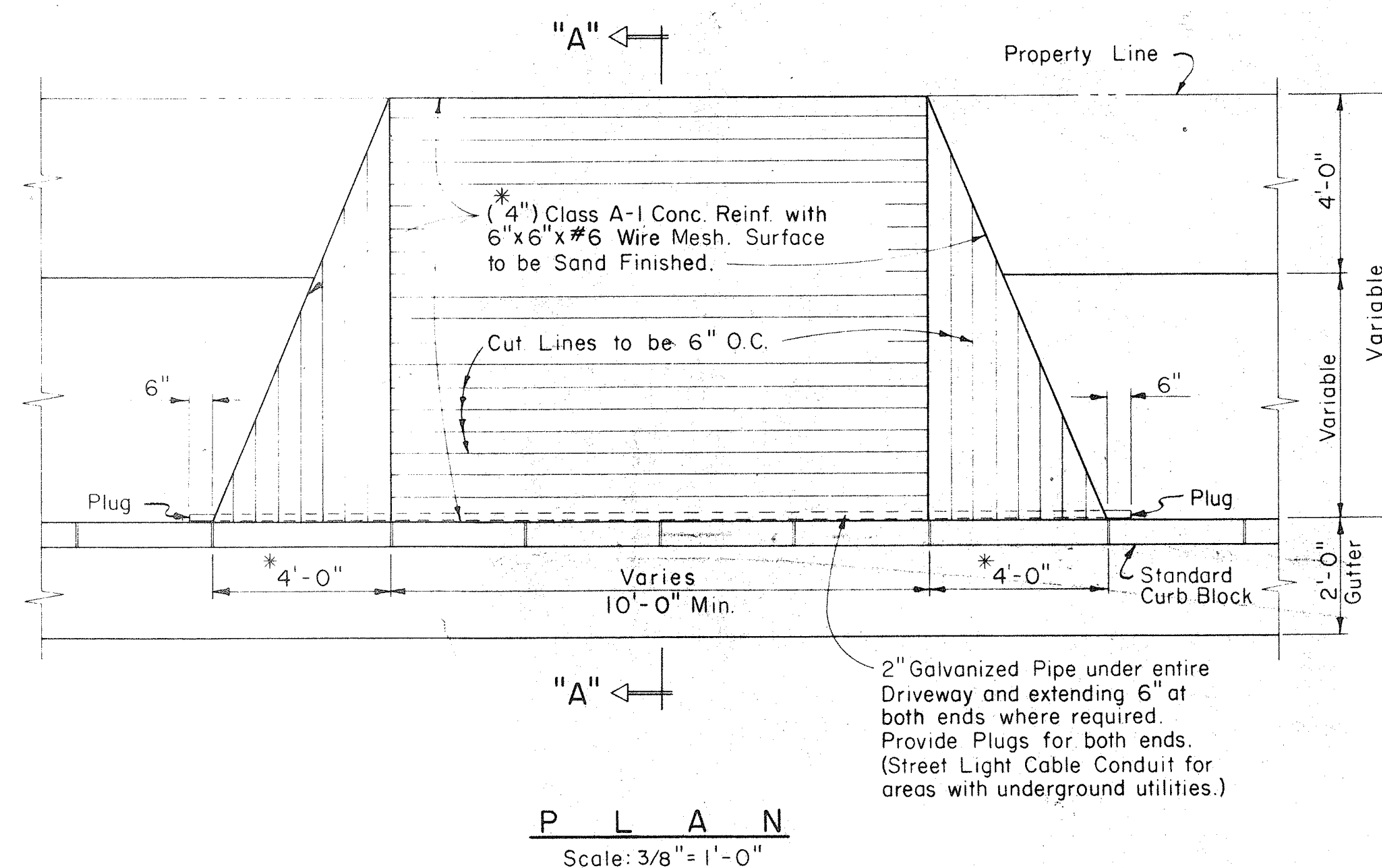
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(31):21 Unit 4	1969	29	34



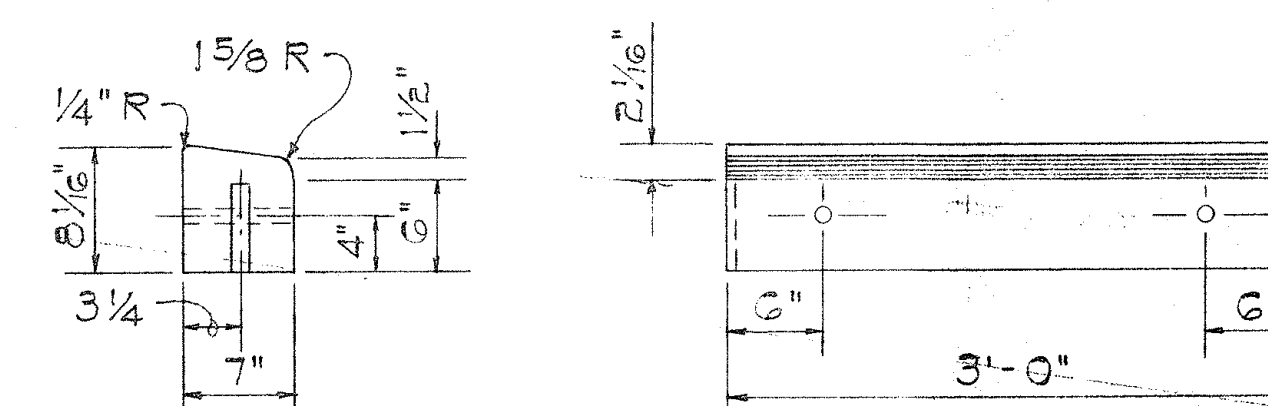
STATE OF HAWAII		DEPARTMENT OF TRANSPORTATION		HIGHWAYS DIVISION	
TYPICAL ROADWAY SECTIONS					
ALAPAI ST. PEDESTRIAN OVERPASS					
AND					
MILLER ST. PEDESTRIAN OVERPASS					
F.A.I. Proj. No. I-HI-1(31):21 Unit 4					
Scale: As Shown			Date: March 13, 1969		
SHEET No. 3 OF 6 SHEETS					

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEET
HAWAII	HAWAII	I-HI-1(30-2) Unit 4	1968	30	34



PRECAST CONCRETE DROP CURB

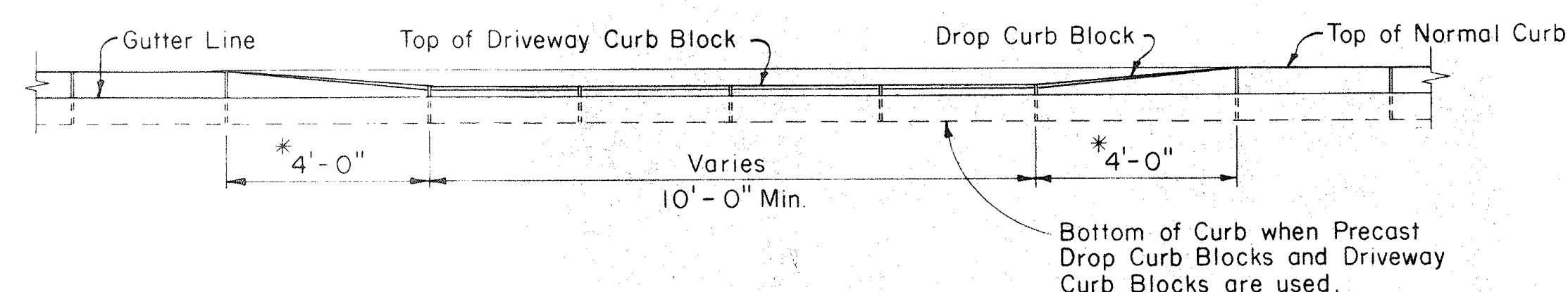


PRECAST CONCRETE DRIVEWAY CURB

PRECAST CONCRETE CURBS

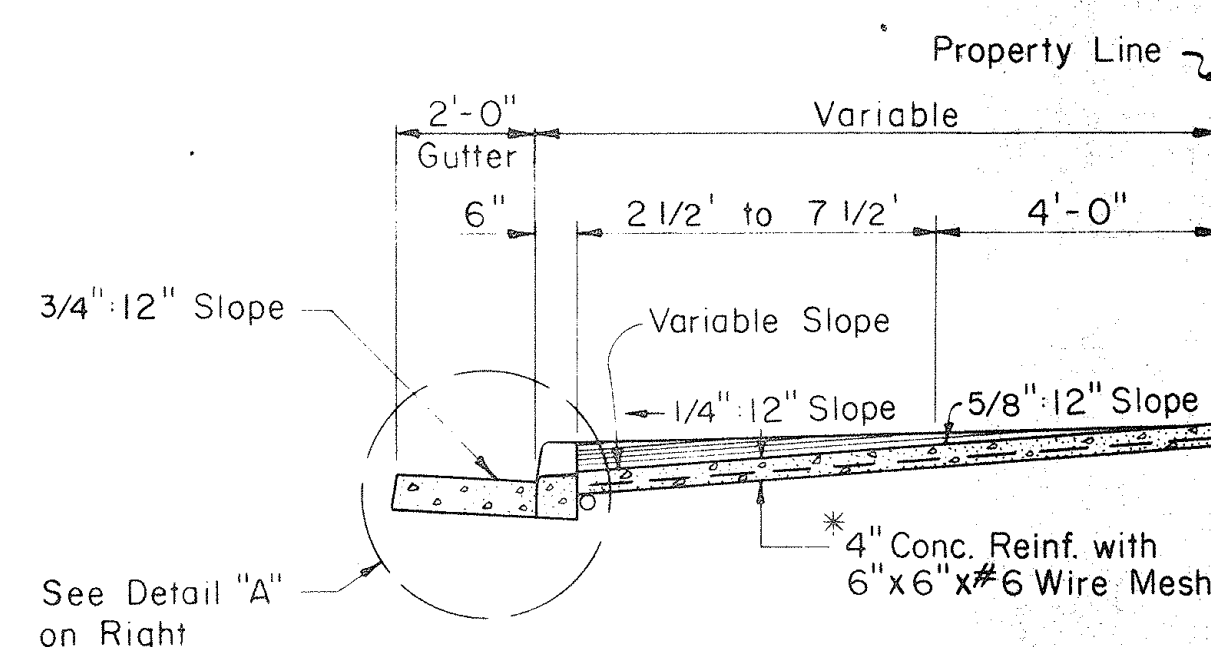
Scale: 1" = 1'-0"

NOTE: Cast-in-place curbs may be substituted for pre-cast curbs at driveways.



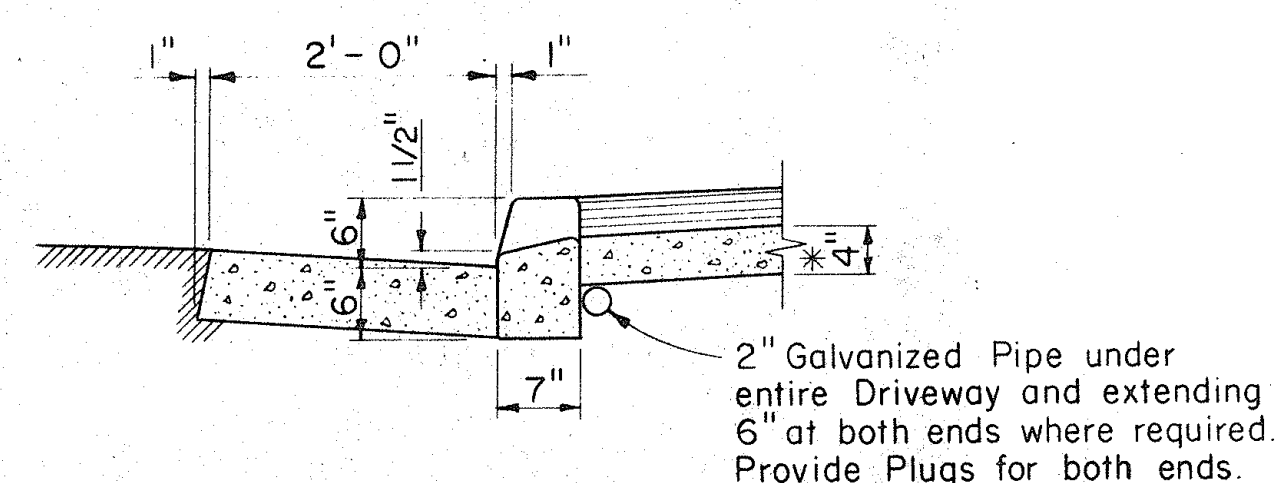
E L E V A T I O N

Scale: $3/8" = 1' - 0"$



SECTION "A-A"

Scale: $3/8" = 1' - 0"$



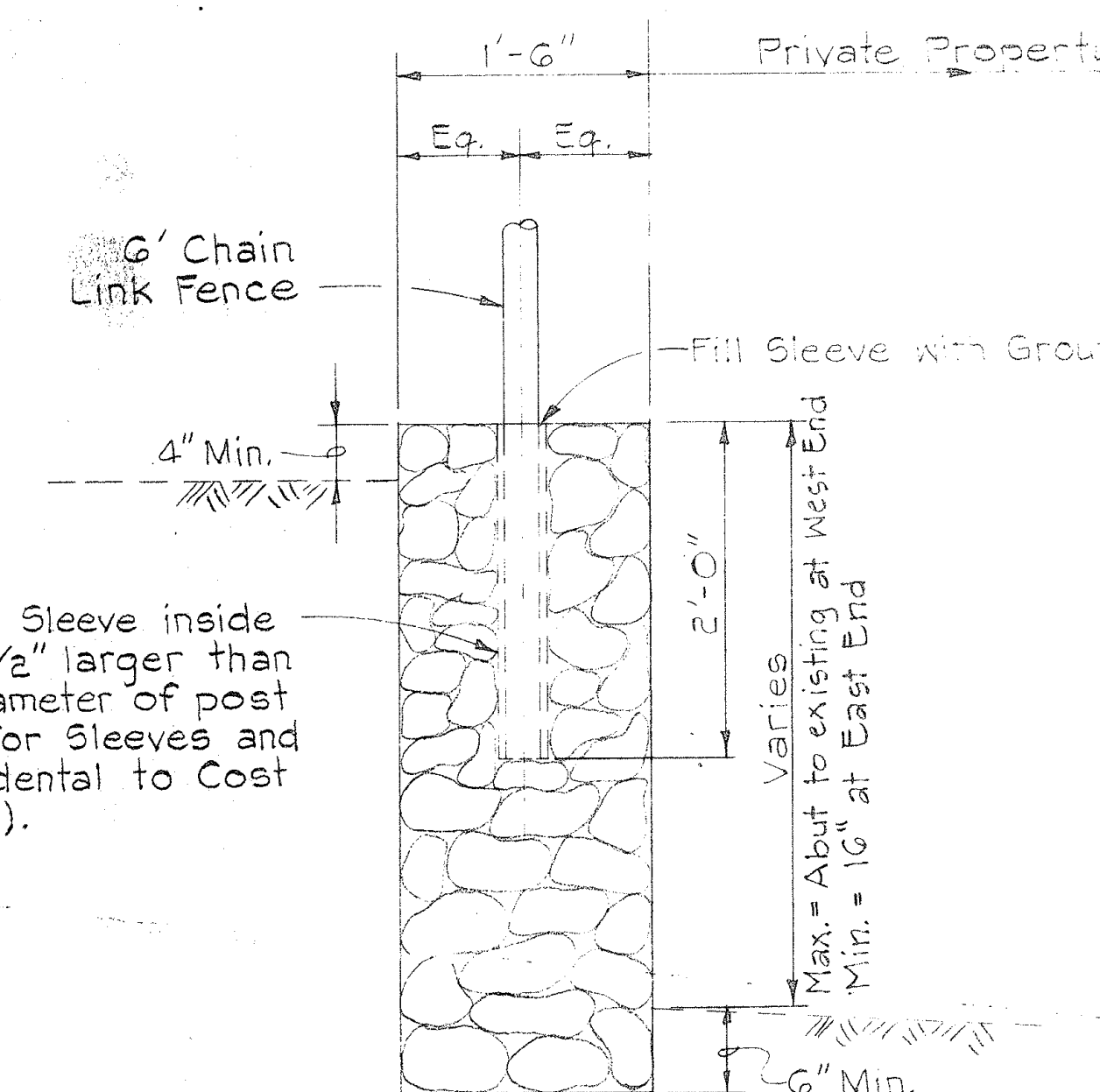
DETAIL "A"

Scale: $3/4" = 1' - 0'$

TYPICAL DETAIL OF REINF. CONC. DROP DRIVEWAY

Scale: As Noted

* Use dimension shown unless otherwise noted on the plans.



TYPICAL CRM WALL SECTION
ALONG PROPERTY LINE AT ALAPAI ST.

Scale : 1" = 1'-0"

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	40
	TRACED BY	41
	DESIGNED BY	42
	QUANTITIES BY	43
	CHECKED BY	44

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

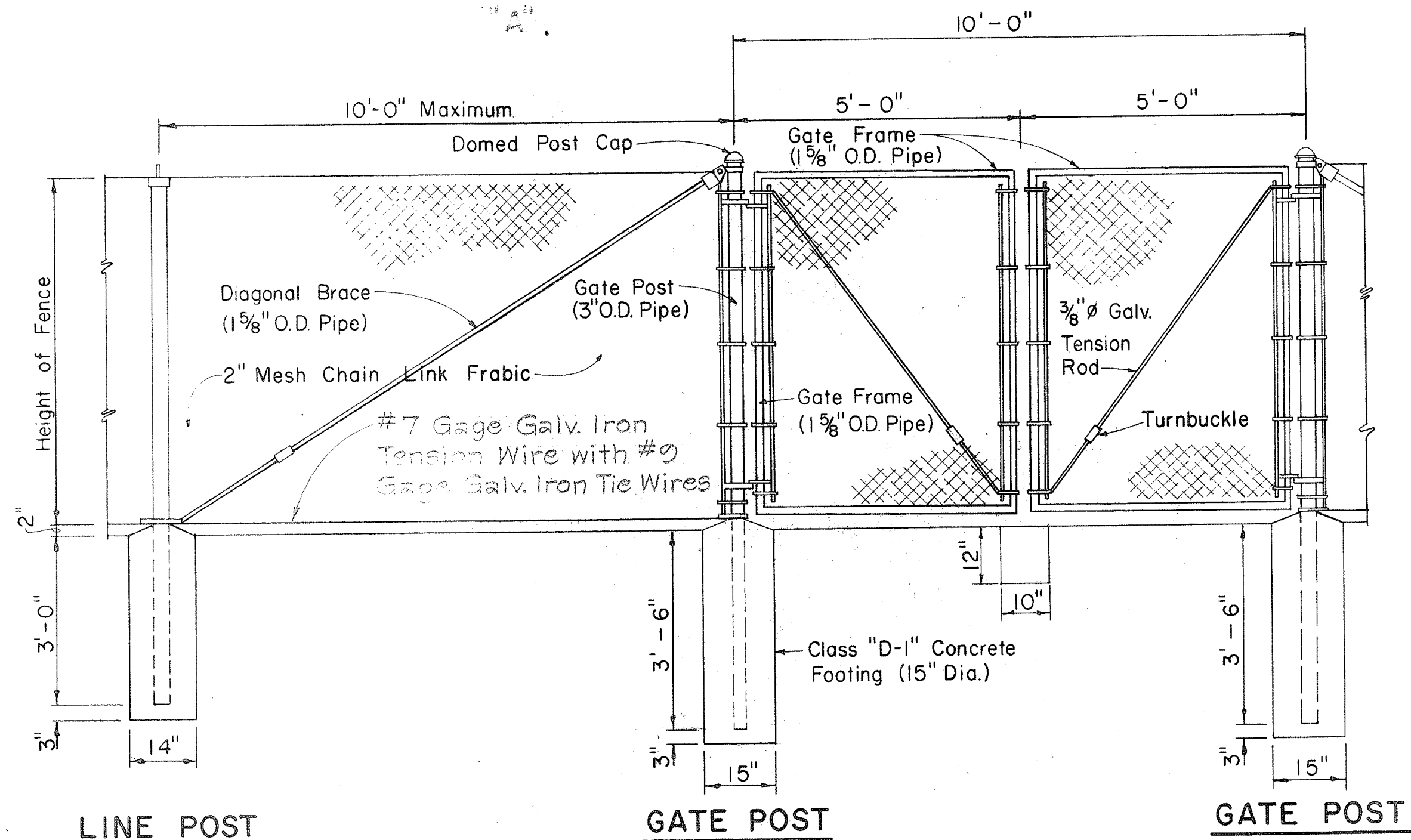
MISCELLANEOUS ROADWAY DETAILS

INTERSTATE ROUTE H-1
Pele Street to Victoria Street
F.A.I. Proj. No. I-H-1(31):21 Unit 4

Scale: As Shown Date: Aug. 1968

SHEET No. 4 OF 6 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	141-1(3):21 Unit 4	1960	31	34

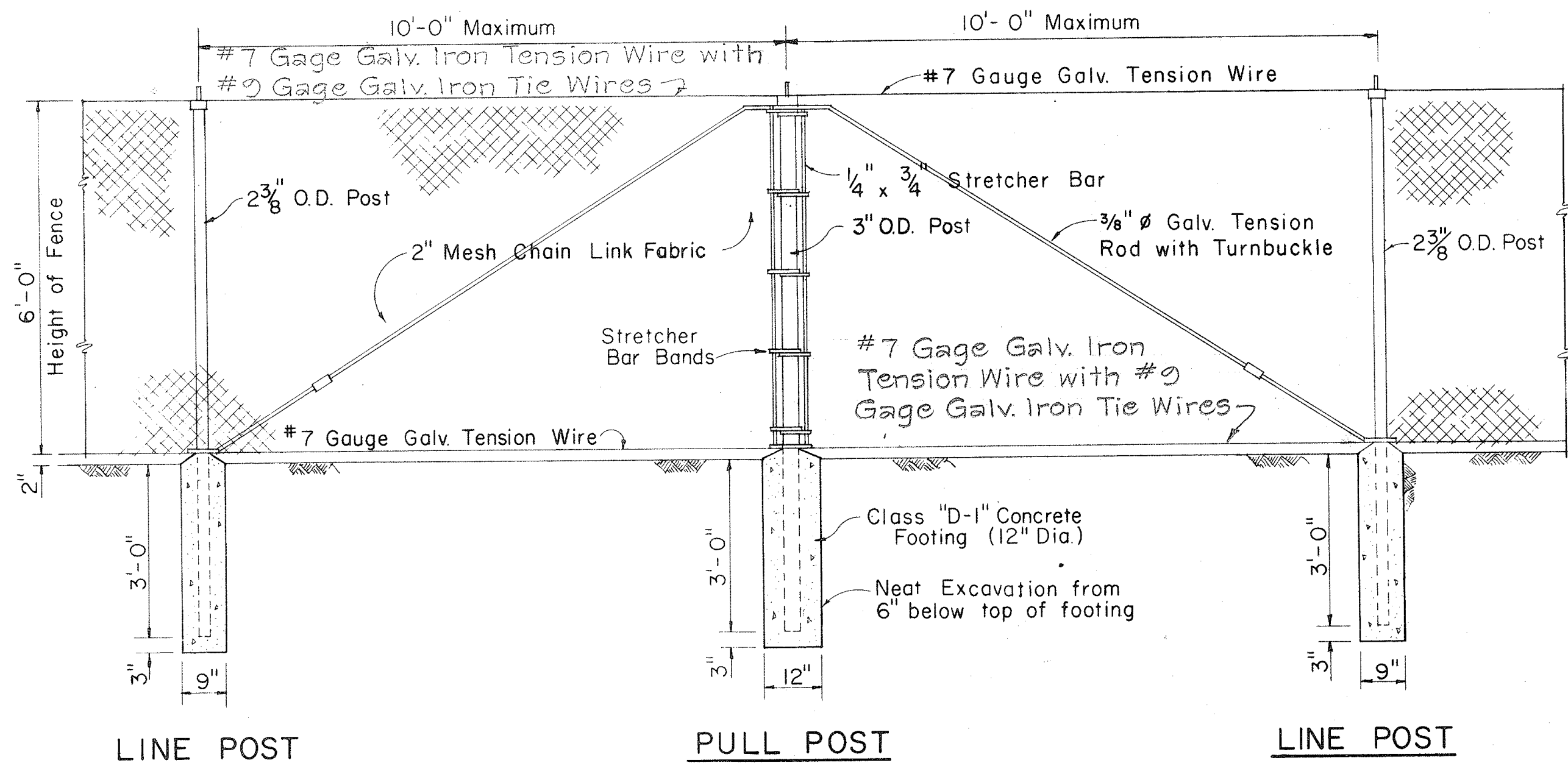


LINE POST GATE POST GATE POST

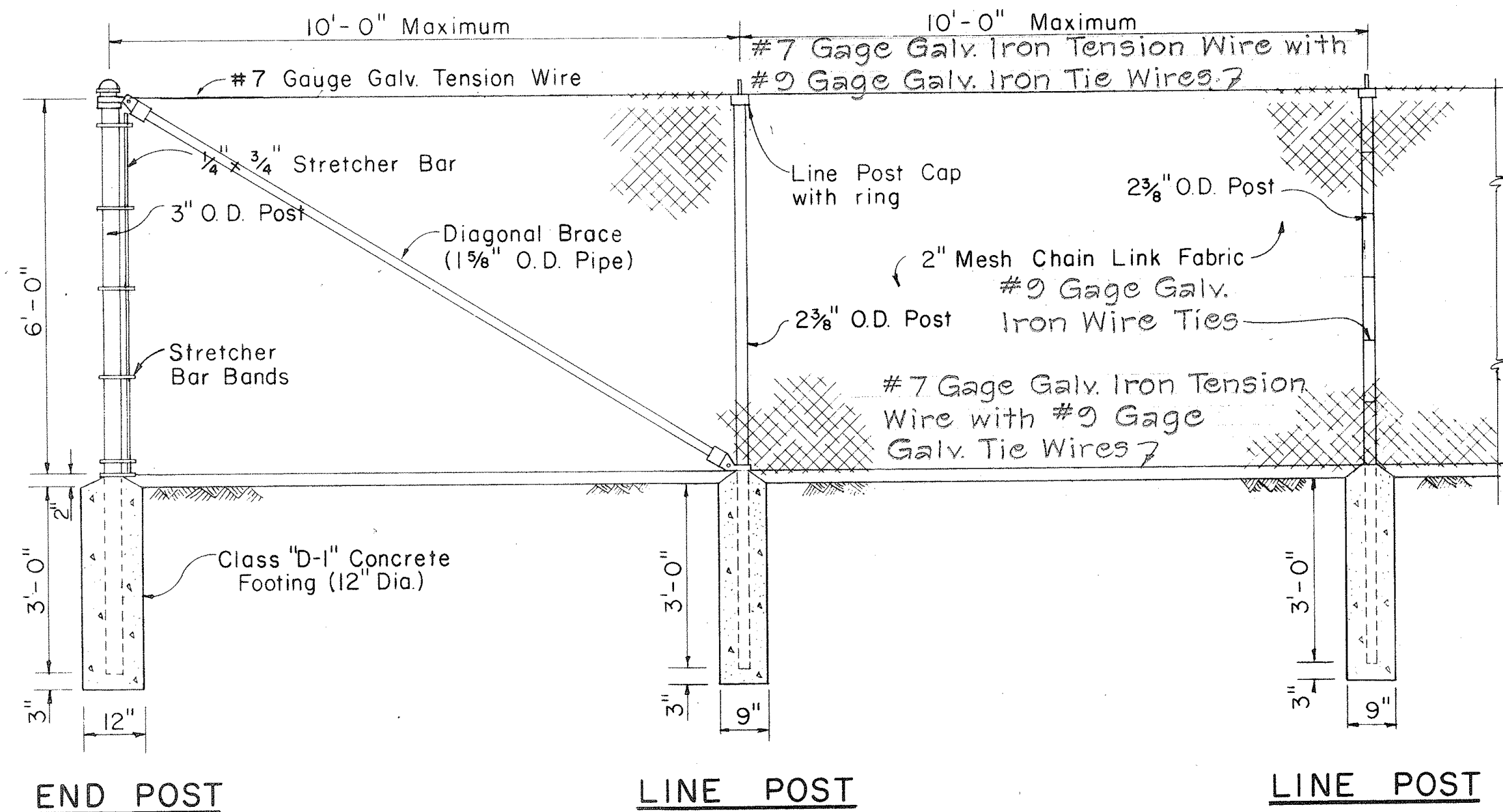
- NOTE: 1. Gate fork latch and lock, flush plate and anchor, and plunger shall be installed with Gates, and shall be considered as incidental to 10 feet Chain Link Fence.
2. Gate frames shall be mitered and welded at corners.
3. Fence detail not shown shall be in accordance with the Standard Specifications.

DETAIL OF 10 FT. CHAIN LINK GATE

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



LINE POST PULL POST LINE POST

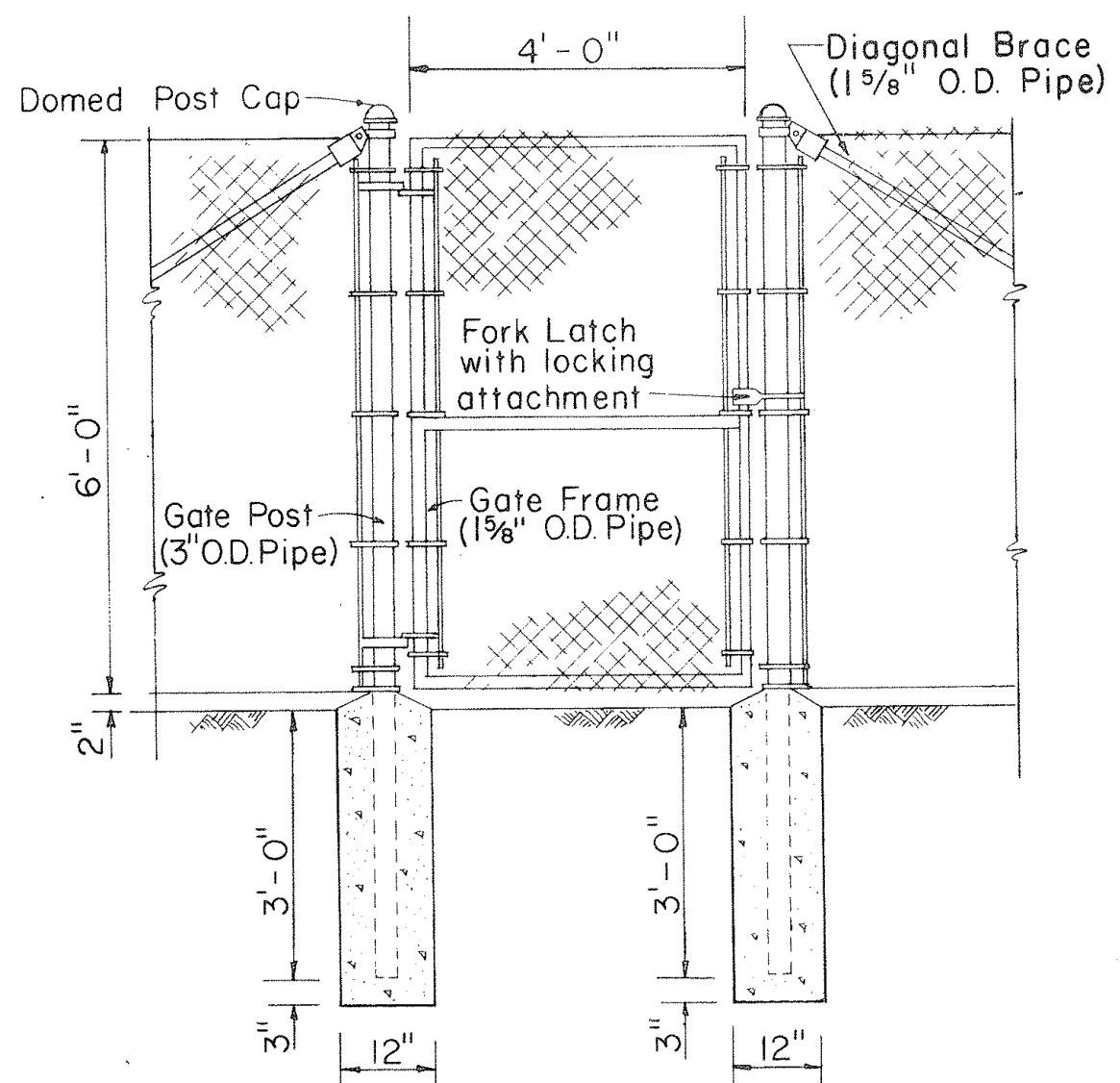


END POST LINE POST LINE POST

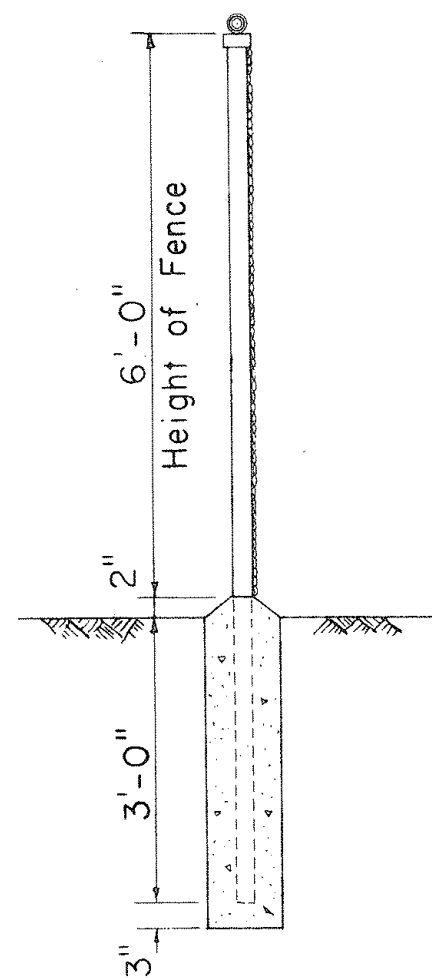
CHAIN LINK FENCE DETAILS

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

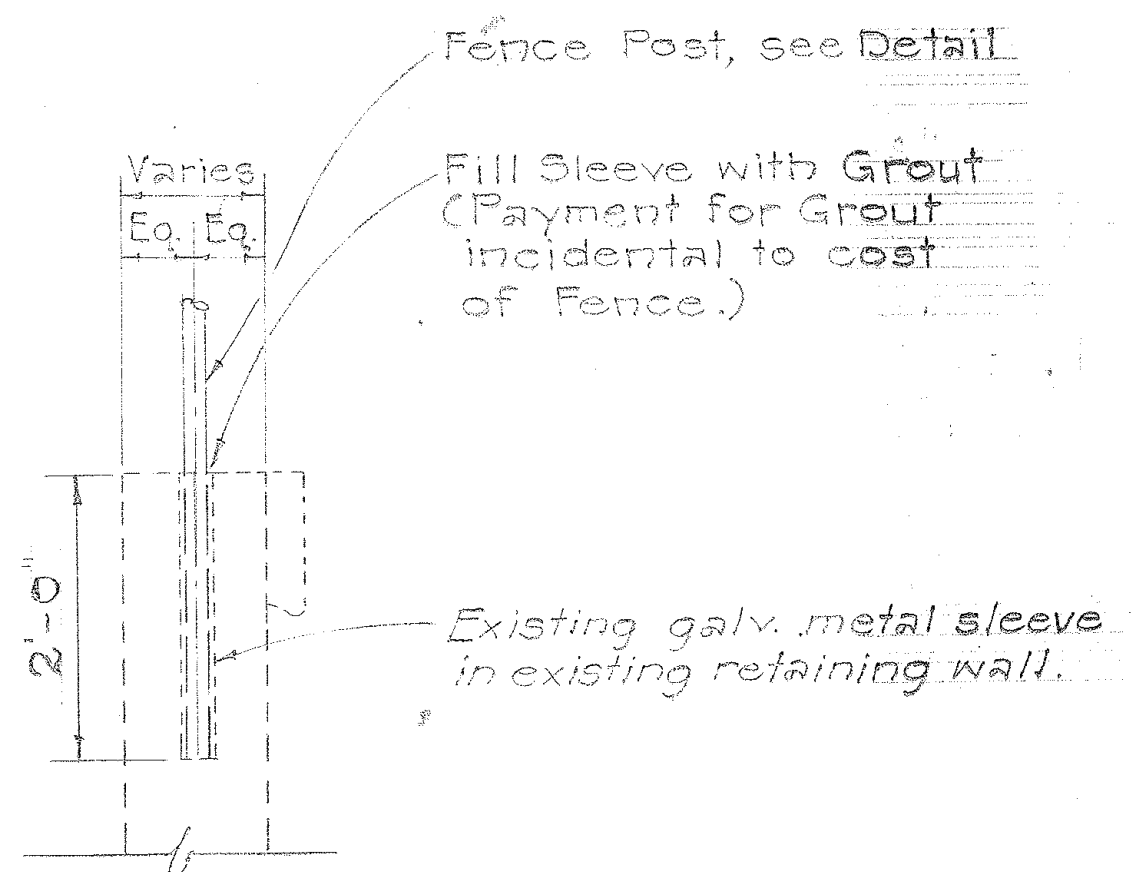
NOTE: O.D. refers to outside diameter.



GATE POST GATE POST
DETAIL OF 4 FT. CH. LK. GATE



TYPICAL SECTION

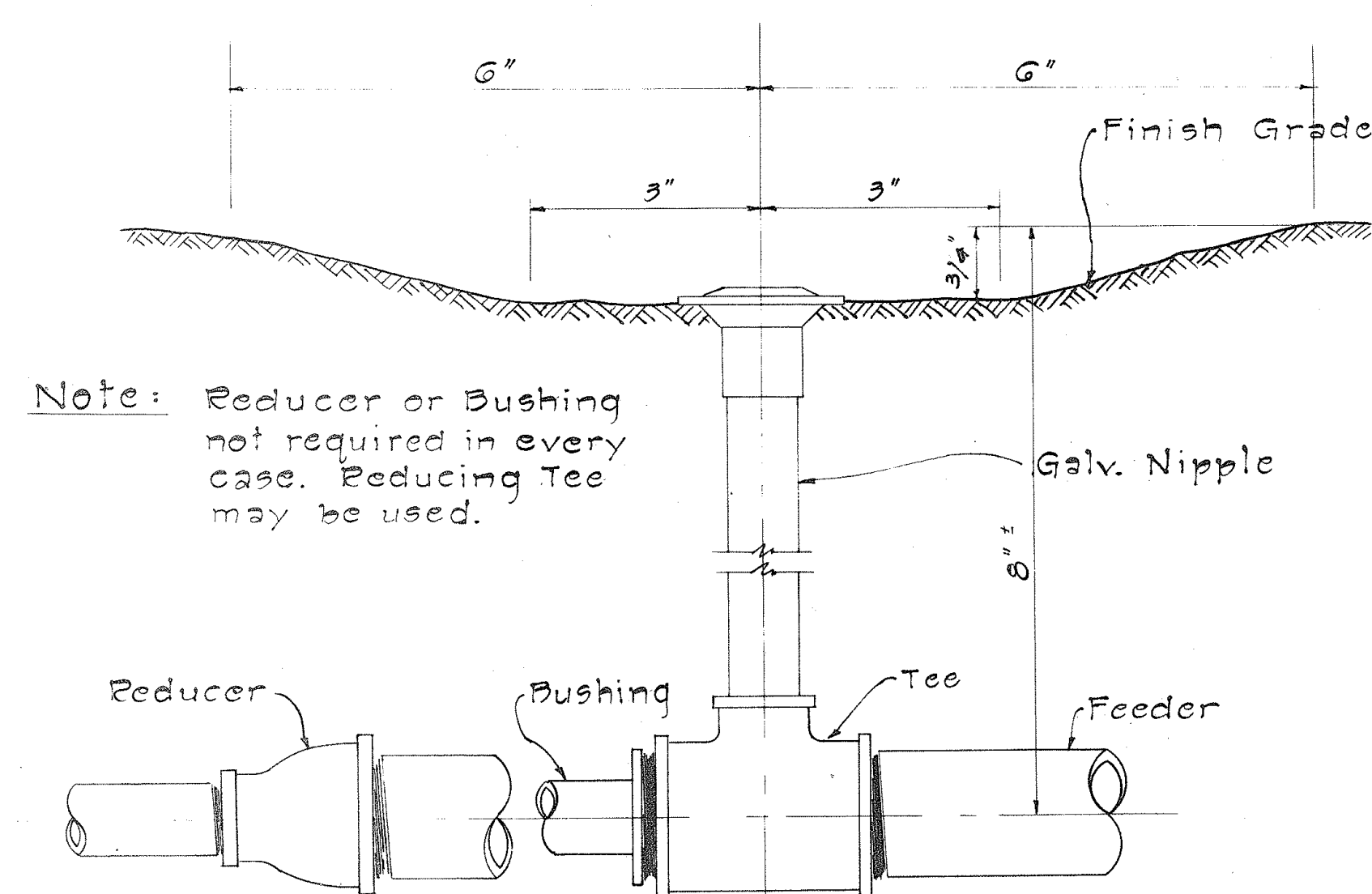


TYPICAL SECTION OF FENCE
POST ON CONC. RETAINING WALL

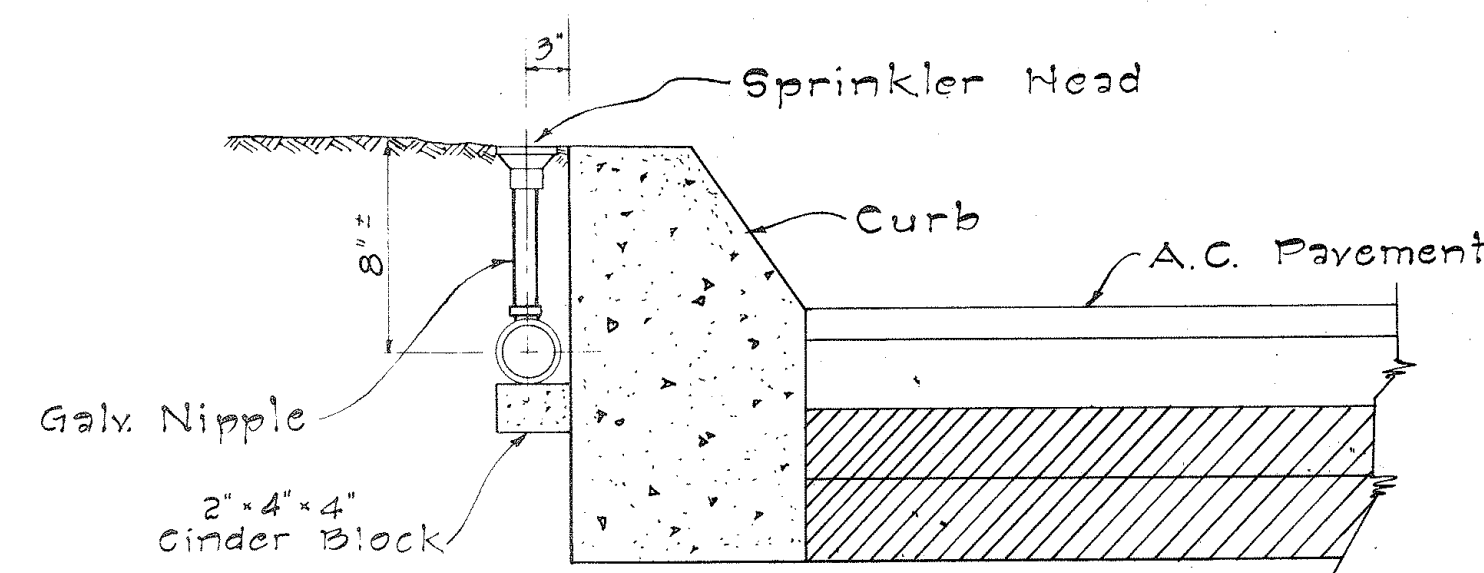
Scale: 1" = 1'-0"

DATE	BY
DESIGNED BY	
CHECKED BY	
NOTED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

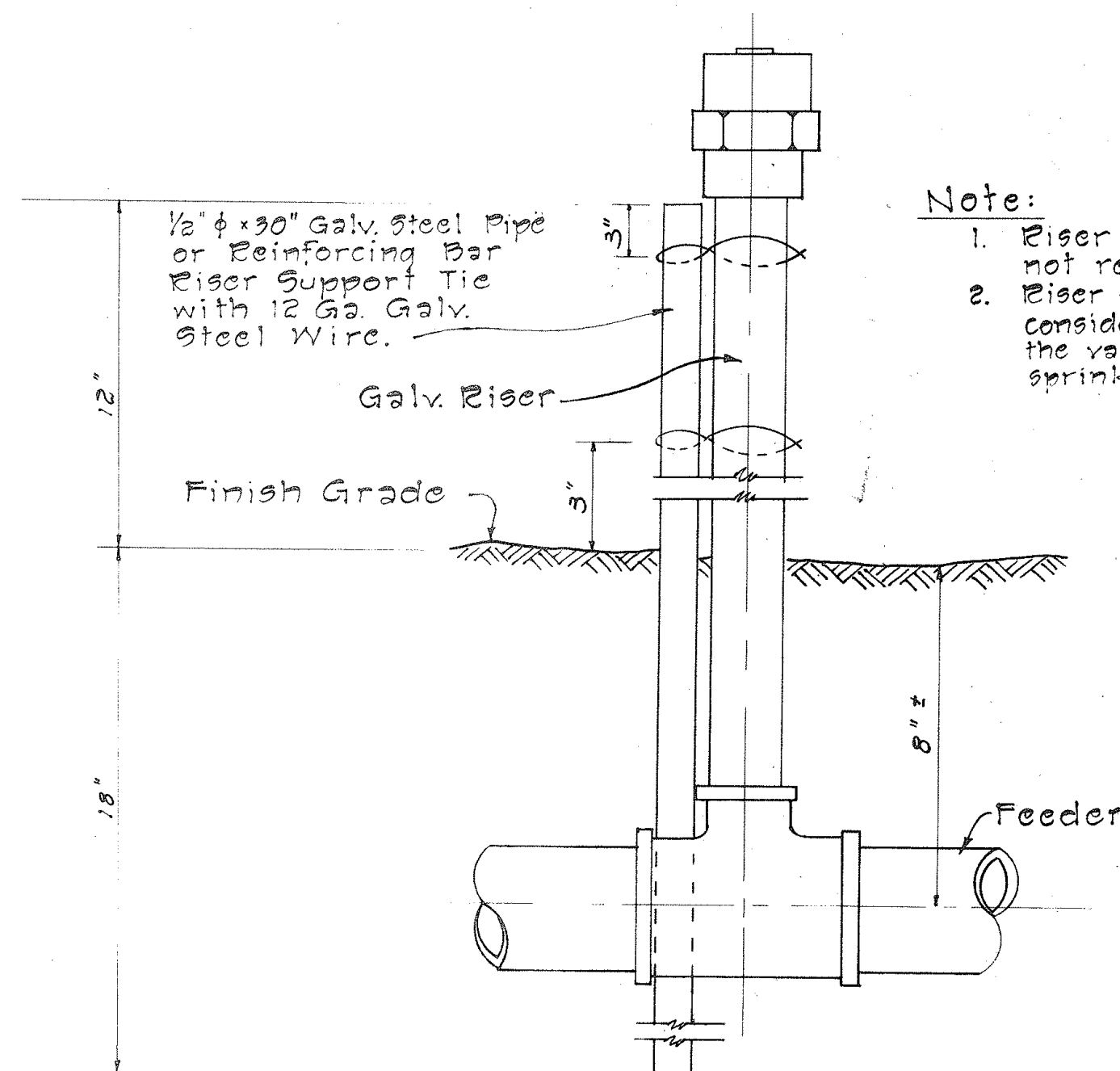
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
STANDARD DETAILS
ALAPAI ST. PEDESTRIAN OVERPASS & MILLER ST. PEDESTRIAN OVERPASS
F.A.I. Proj. No. I-HI-1(3):21, Unit 4
Scales: As Noted Date: Mar 13, 1960
SHEET No. 5 OF 6 SHEETS



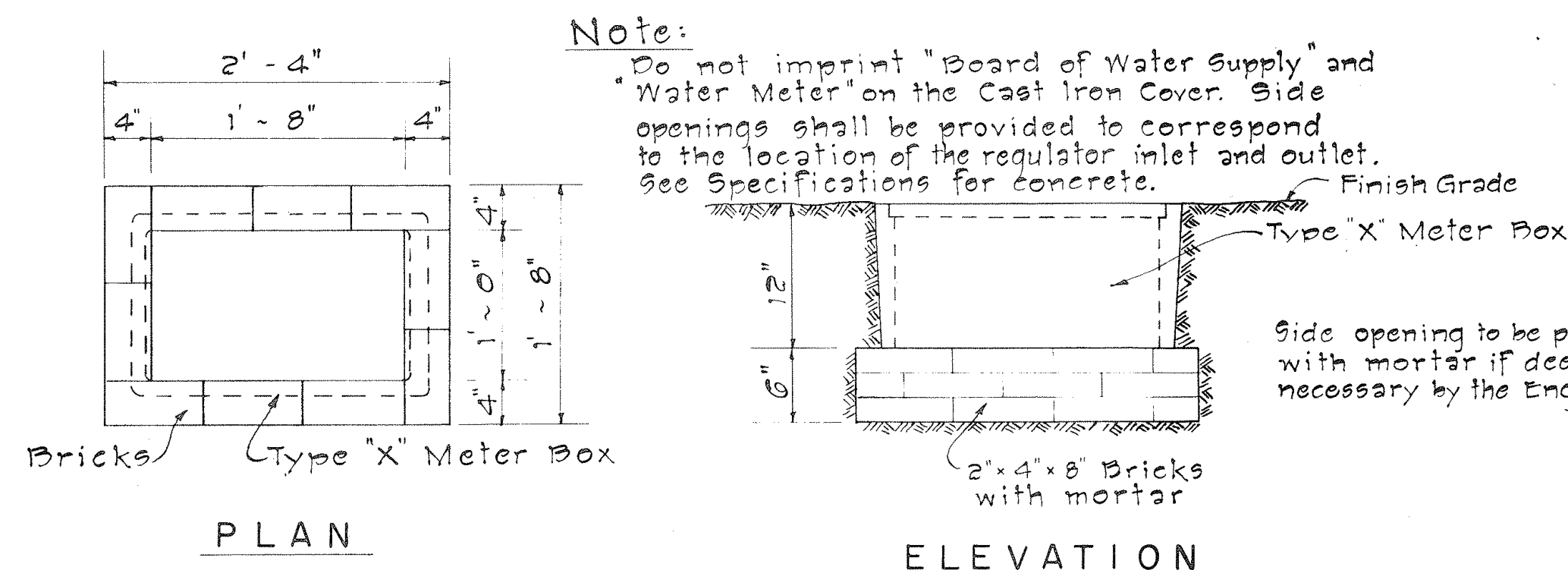
CONNECTION OF SPRINKLER HEAD TO FEEDER
Not to Scale



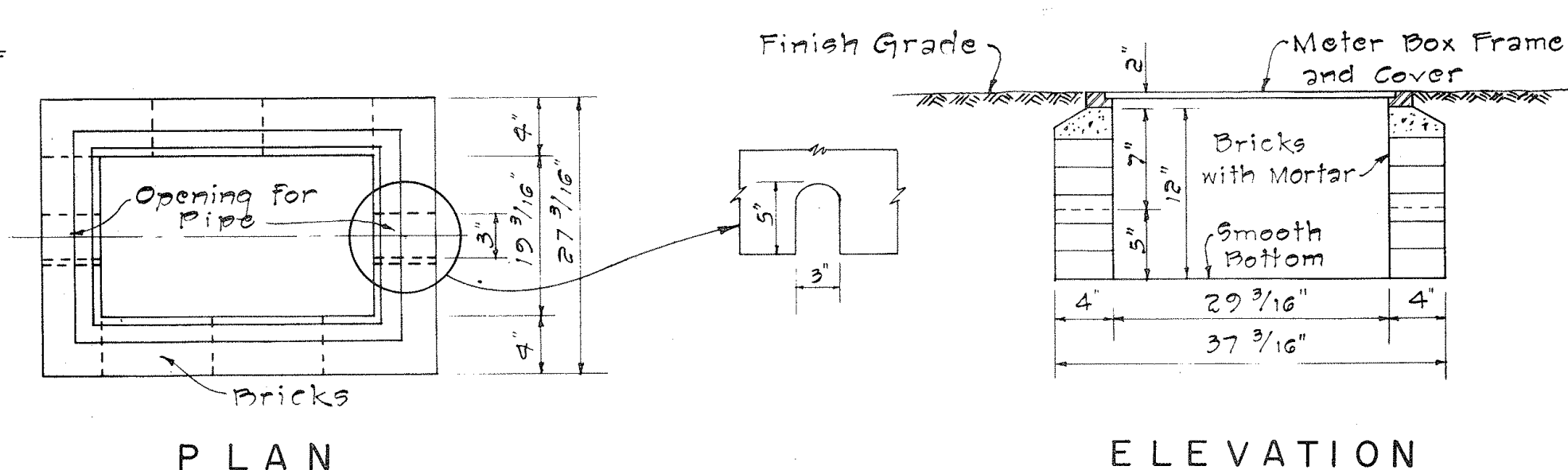
TYPICAL DETAIL OF SPRINKLER HEAD AT CONC. CURB
Not to Scale



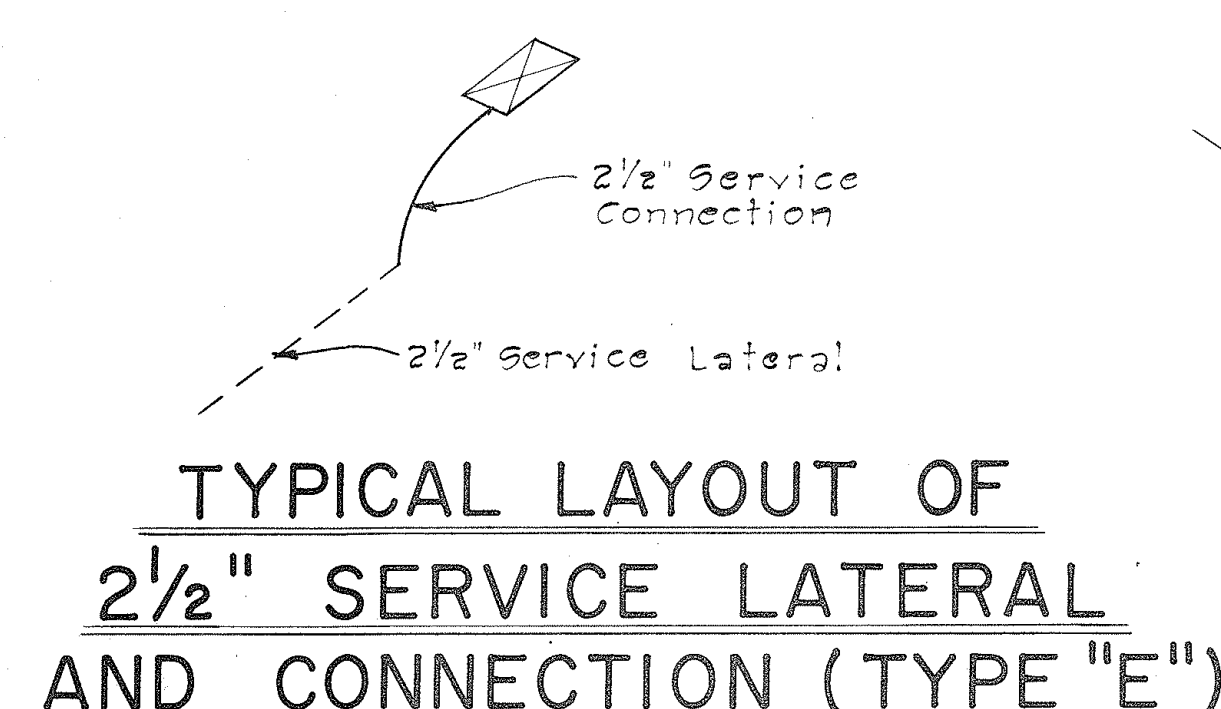
DETAIL OF SPRINKLER HEAD ON RISER
Not to Scale



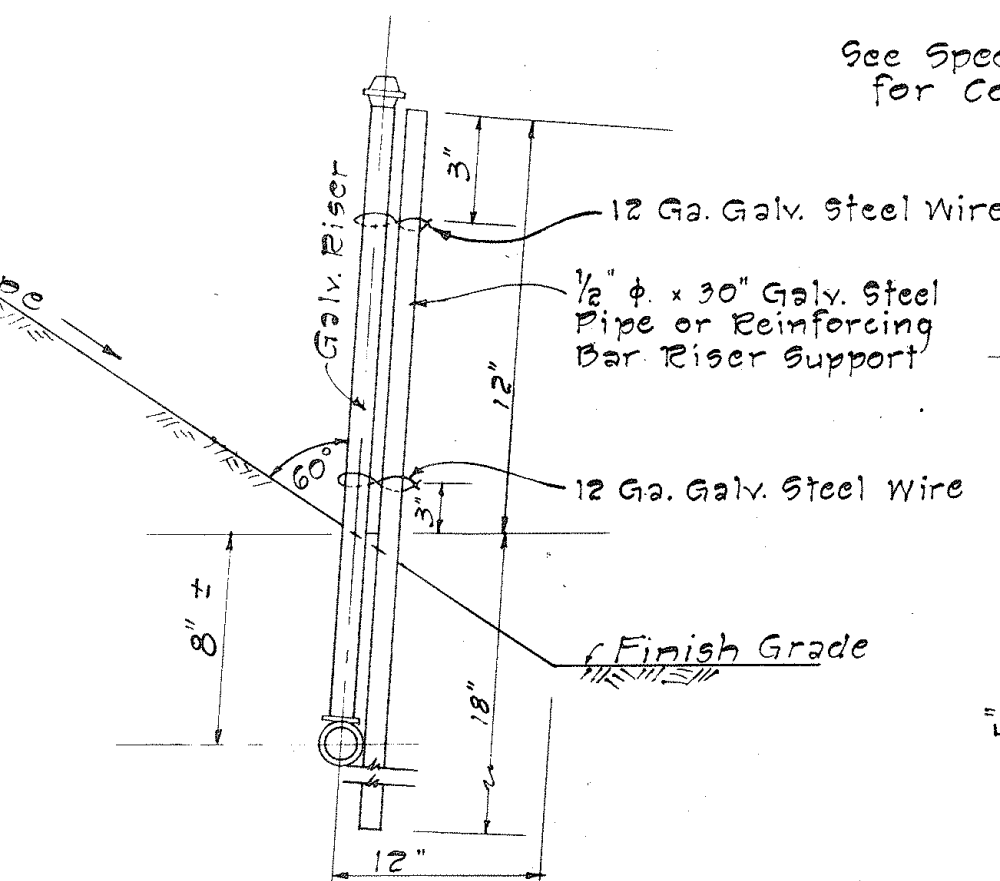
PRESSURE REGULATOR BOX
Not to Scale



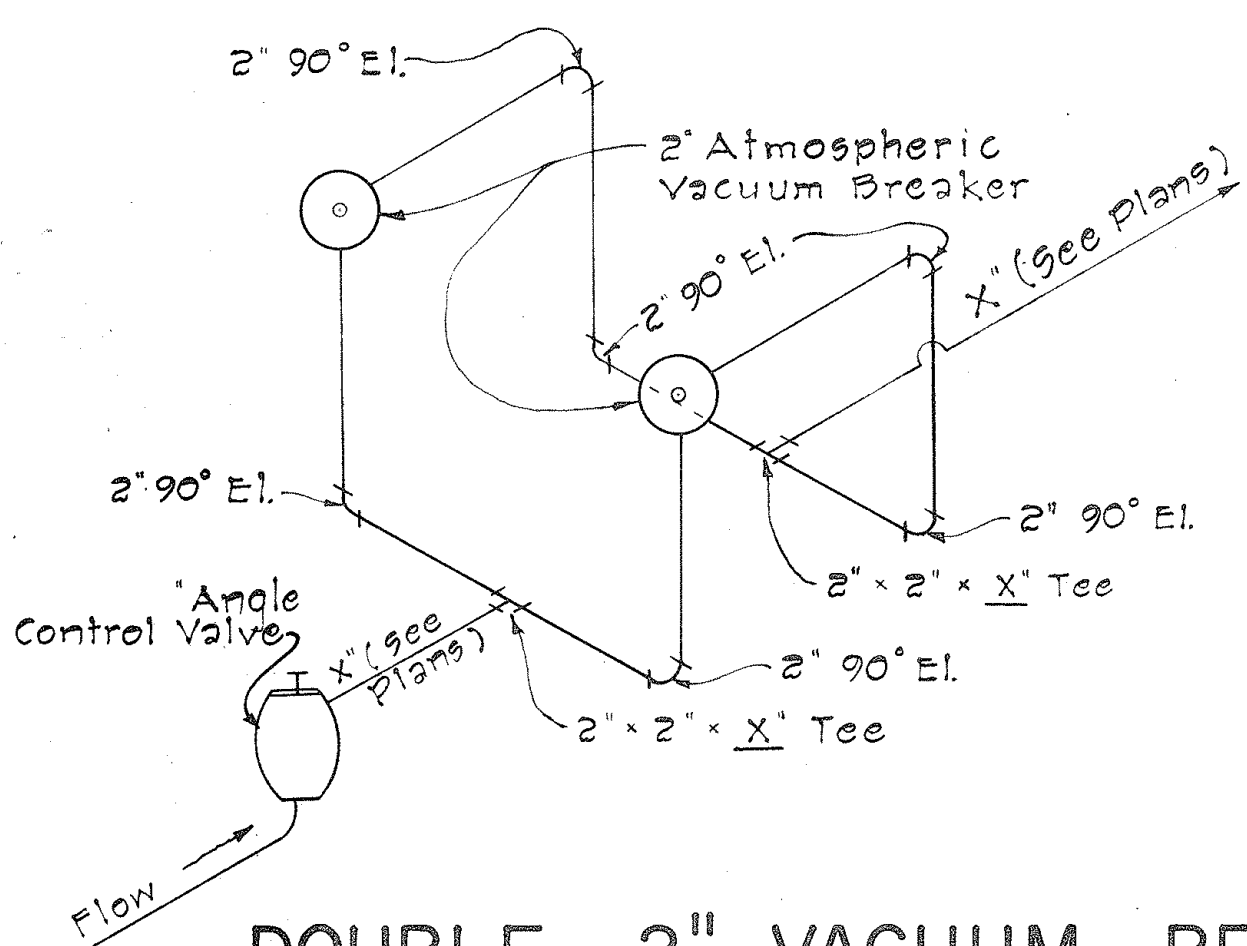
TYPE III METER BOX
Not to Scale



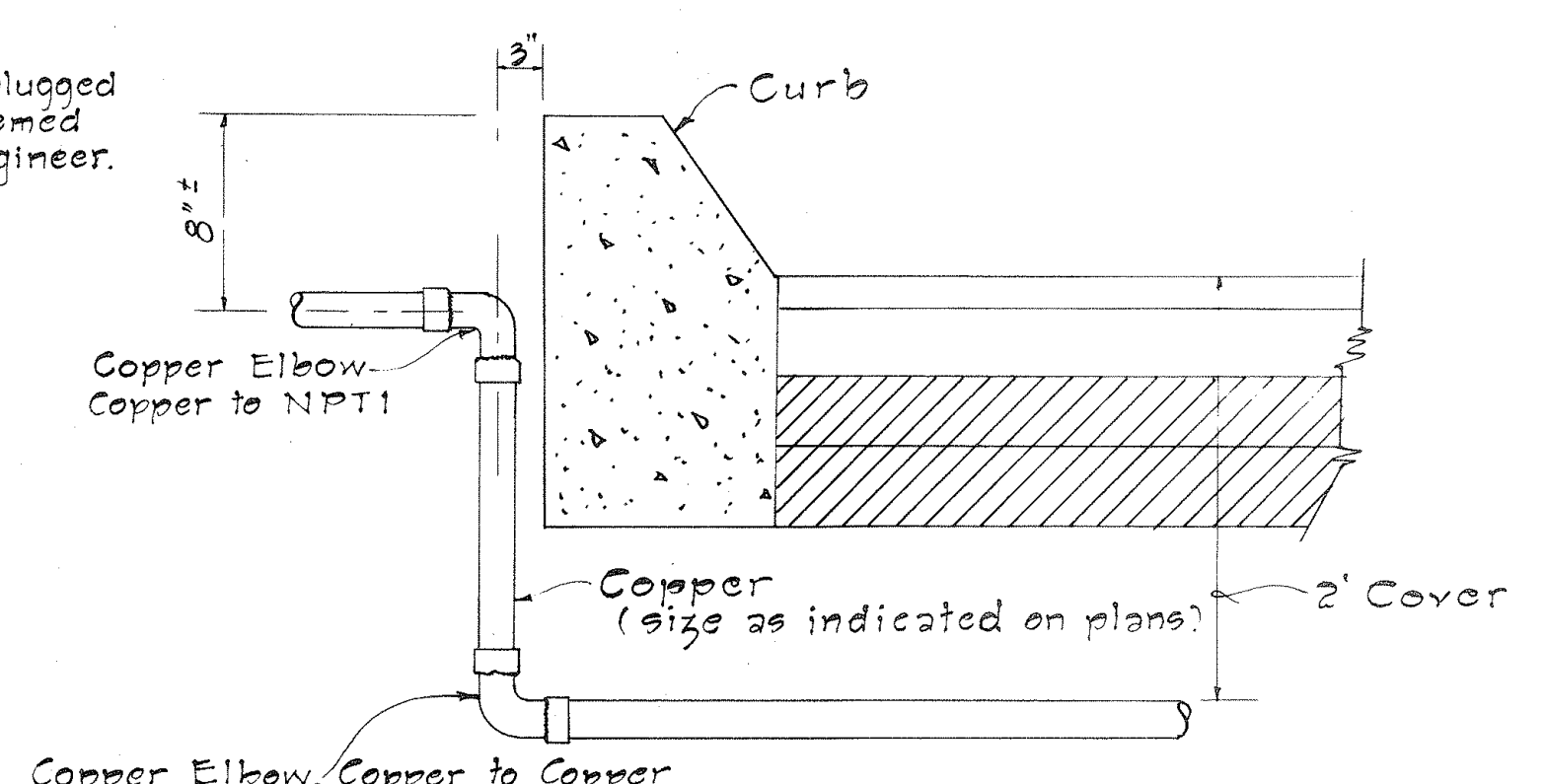
TYPICAL LAYOUT OF 2 1/2\"/>



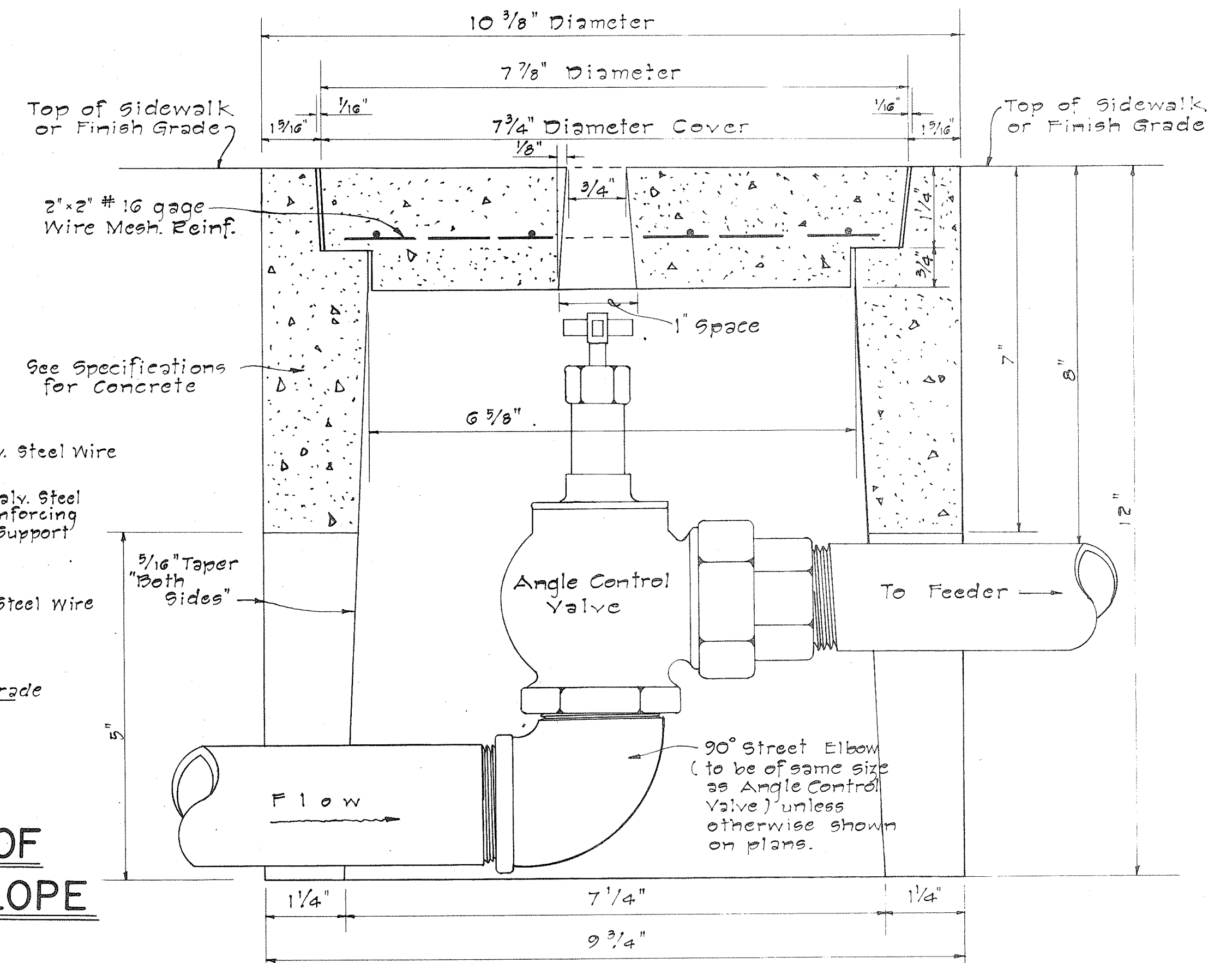
INSTALLATION OF SPRINKLER ON SLOPE
Not to Scale



DOUBLE - 2\"/>



TYPICAL DETAIL OF ROADWAY CROSSING
Not to Scale



TYPE "A" VALVE BOX
Not to Scale

- Notes:**
1. Location of side openings shall correspond to the location of the valve inlet and valve outlet.
 2. When the angle control valve is located in the sidewalk area, the valve shall be located at a sufficient depth so as to allow the cover to be replaced with the valve wide open.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SPRINKLER DETAIL

ALAPA ST. PEDESTRIAN OVERPASS
AND
MILLER ST. PEDESTRIAN OVERPASS

EAL Proj. No. I-H-11-100-100 Unit 4

Scale: As Shown Date: March 15, 1960

SHEET No. 6 OF 6 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
NOTED BY	
CHECKED BY	
NO.	