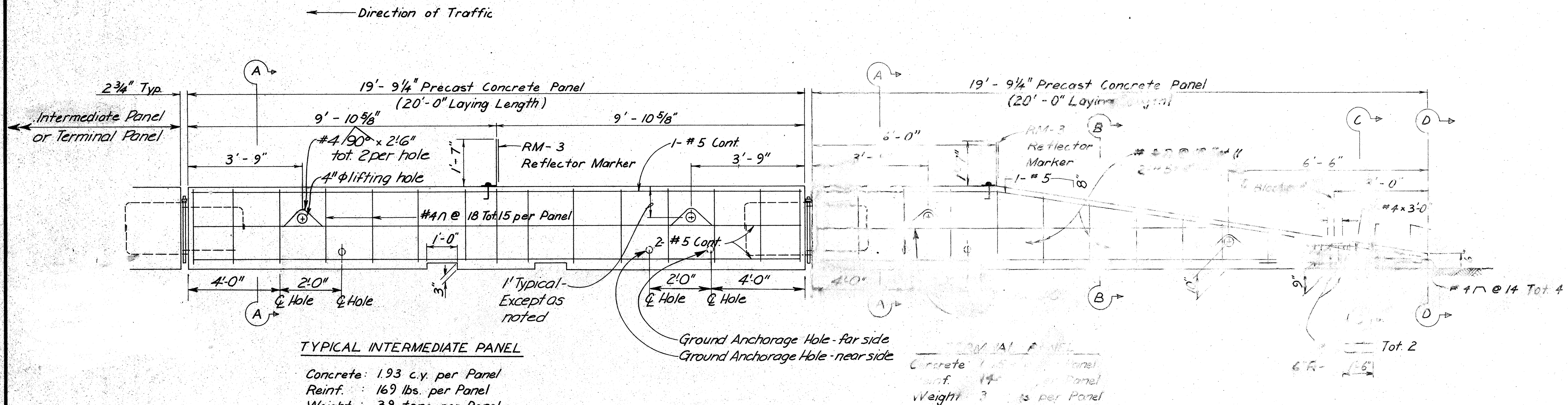


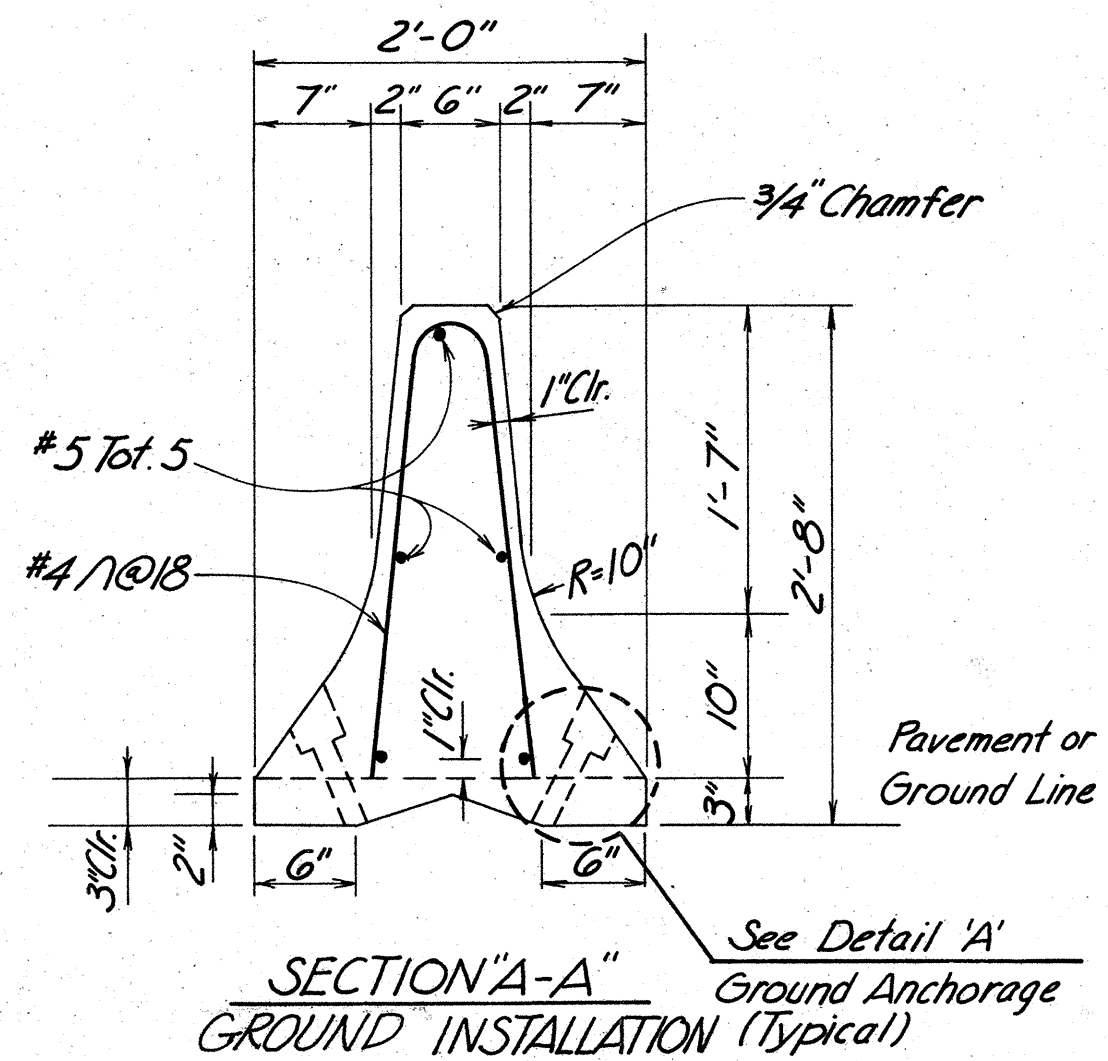
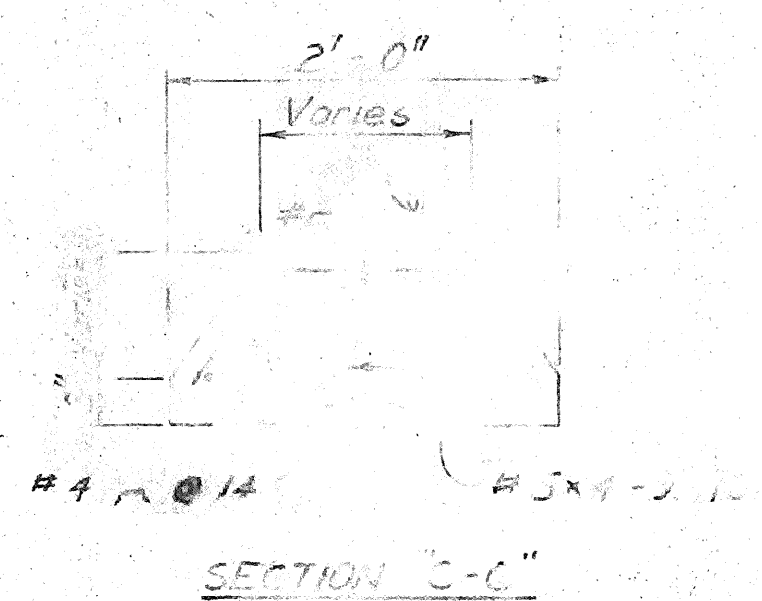
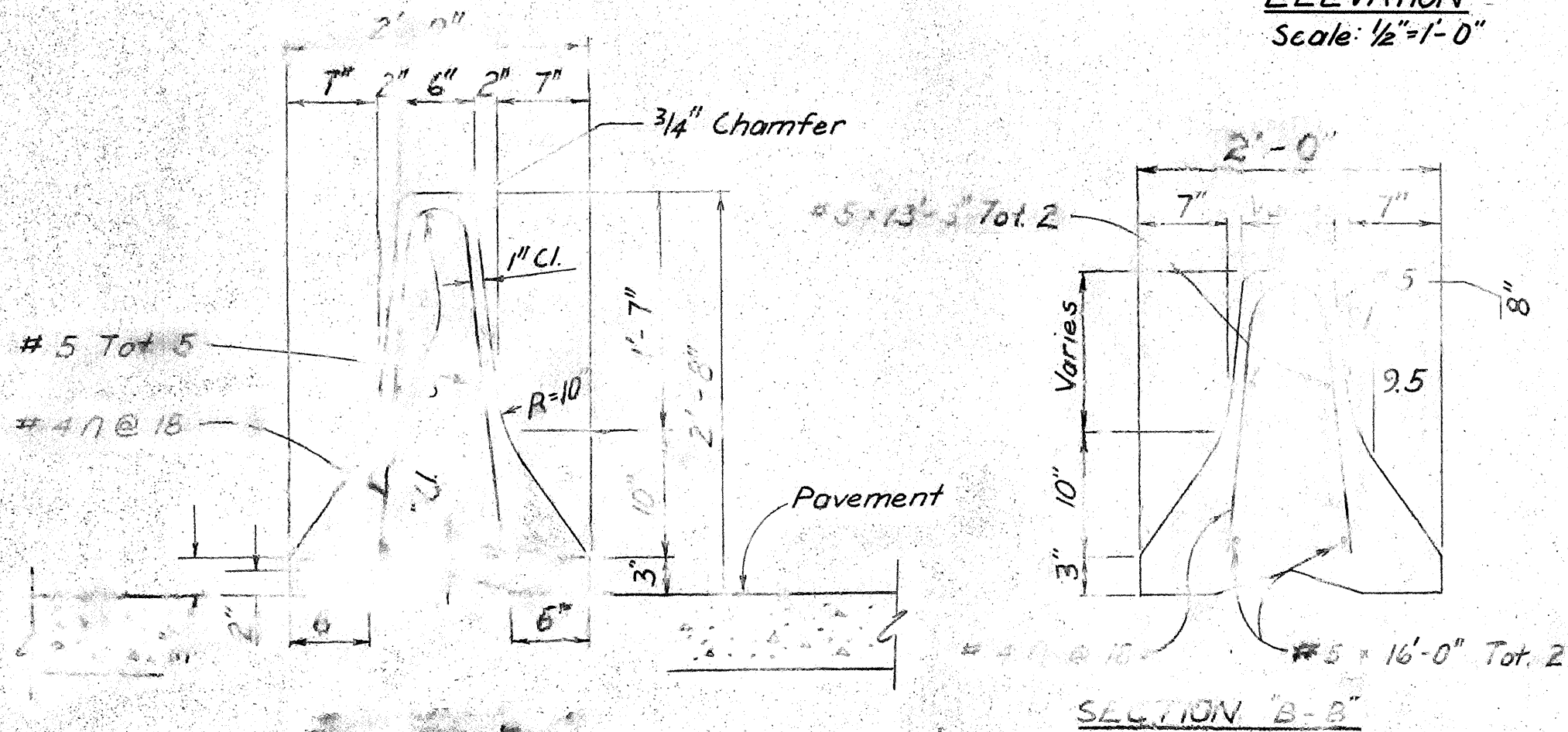
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FHH-1(23)16	1976	24	444



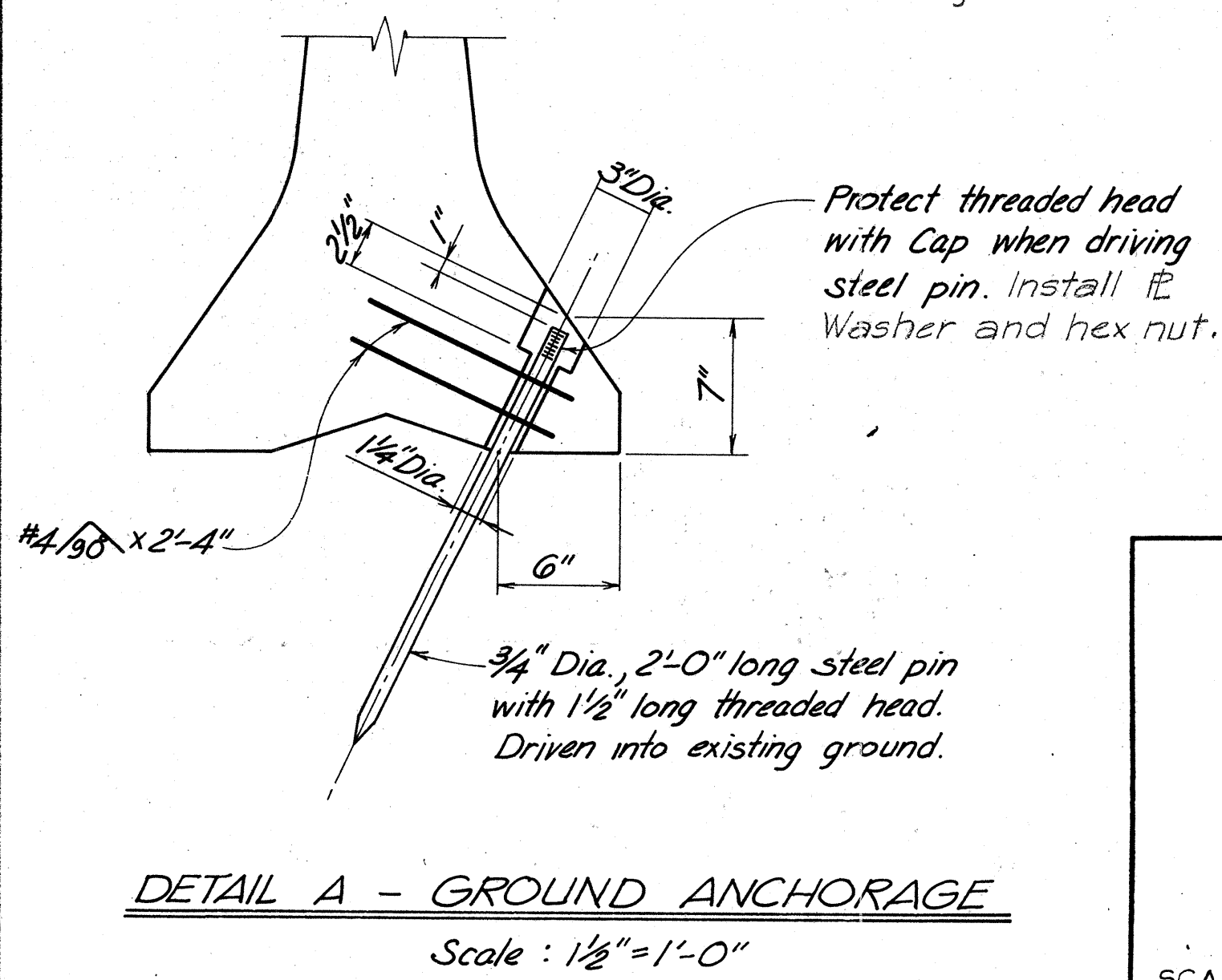
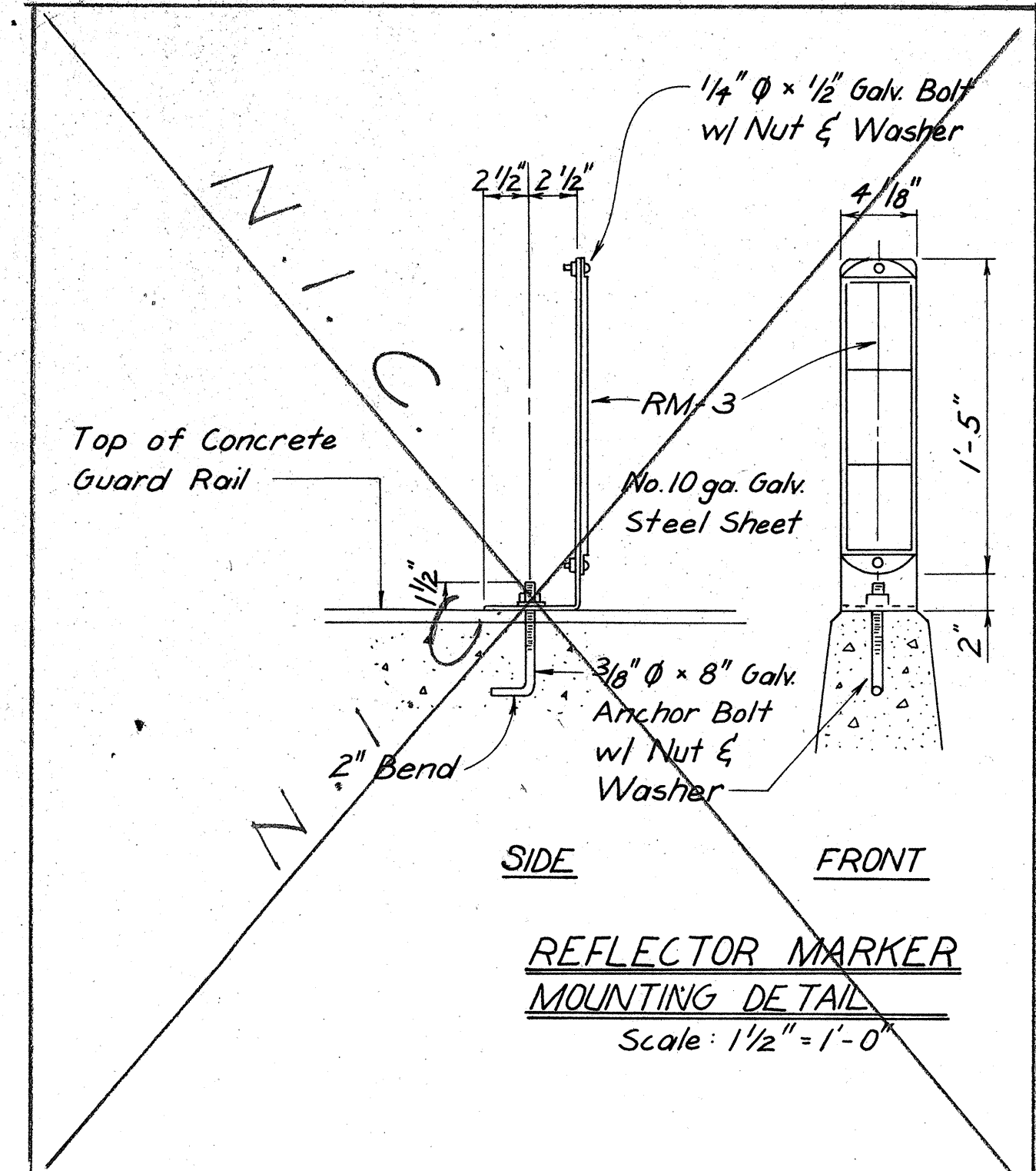
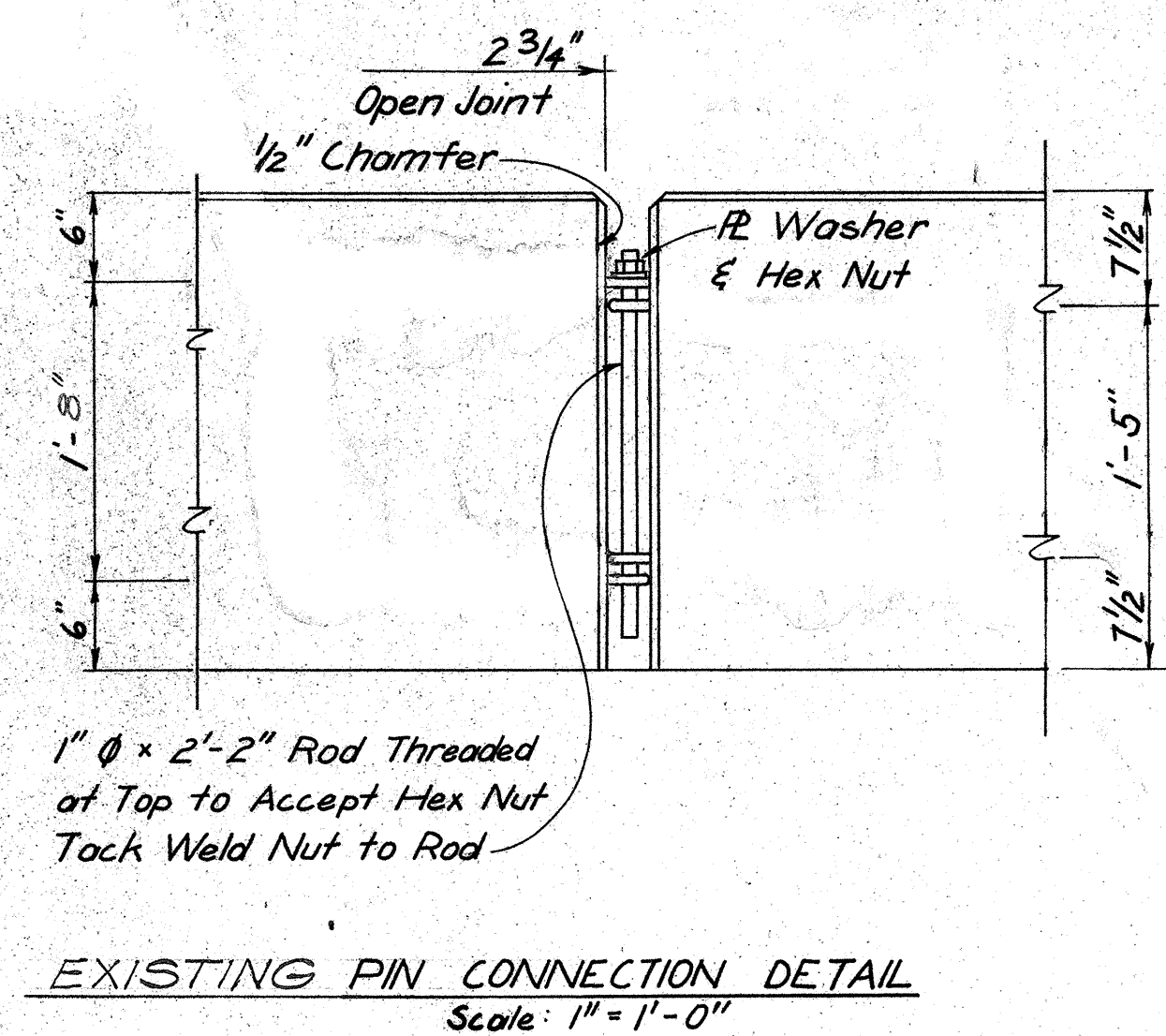
TYPICAL INTERMEDIATE PANEL

Concrete: 1.93 c.y. per Panel
Reinf.: 169 lbs. per Panel
Weight: 3.9 tons per Panel

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



- NOTES:
1. All Bolts to Have Cut Washers Unless Otherwise Noted.
 2. Construct Asphalt Concrete or Mortar Base where needed for proper sitting of Guard Rail on Existing Pavement and use aggregate base material on unpaved areas.
 3. Construction of base shall not be paid separately but shall be considered incidental to "Reset Portable Concrete Guard Rail".
 4. Portable concrete guard rail shall be cut as necessary or odd lengths cast to fit end stations as directed. Incidental to portable concrete guard rail.



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Harland C. Jacobson
Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PORTABLE CONCRETE
GUARD RAIL
(EXISTING)

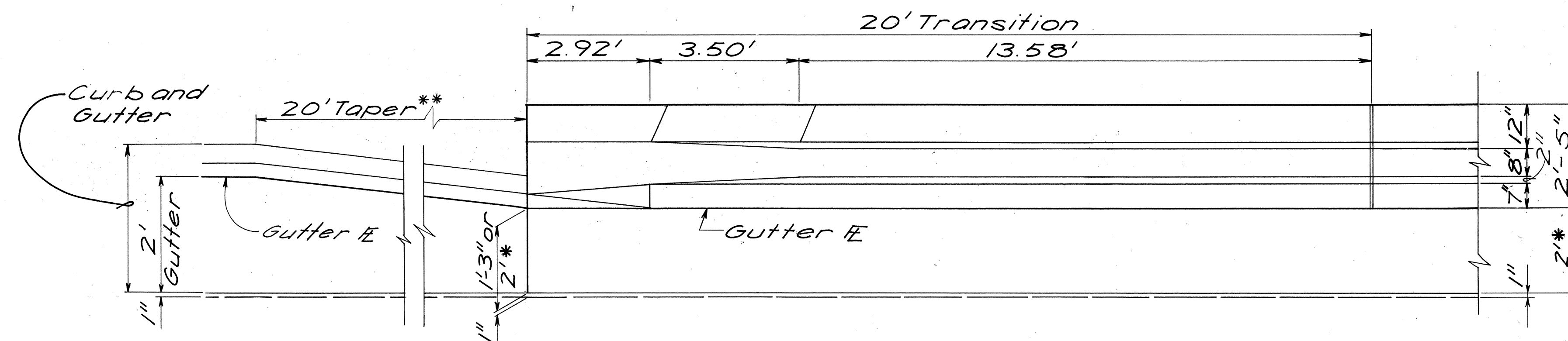
AIRPORT INTERCHANGE
F.A.I. PROJ. I - HI-1 (23) :16

SCALE: AS SHOWN DATE: AUG. 28, 1976

SHEET No. 1 OF 5 SHEETS

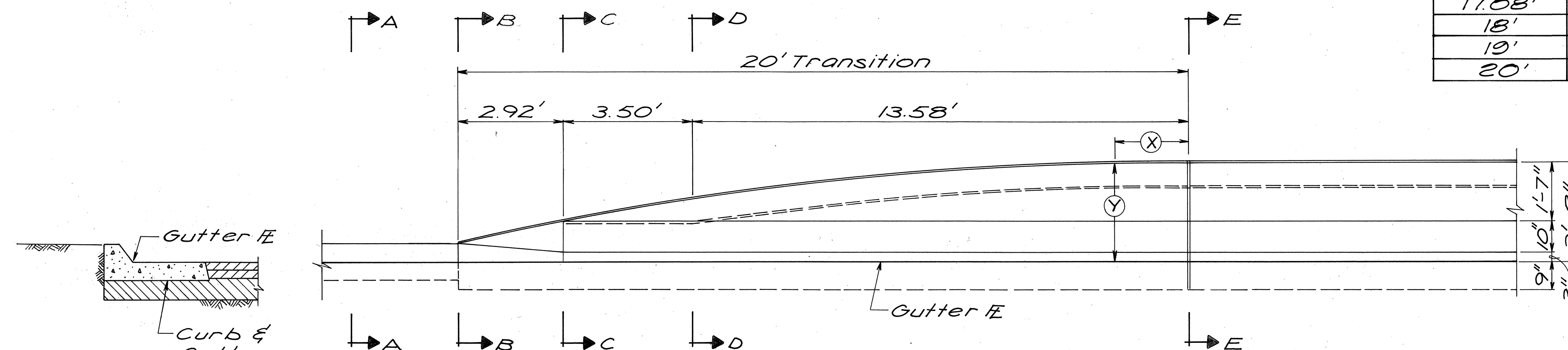
DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
ORIGINAL PLAN	
NO.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(123)10	1970	25	444

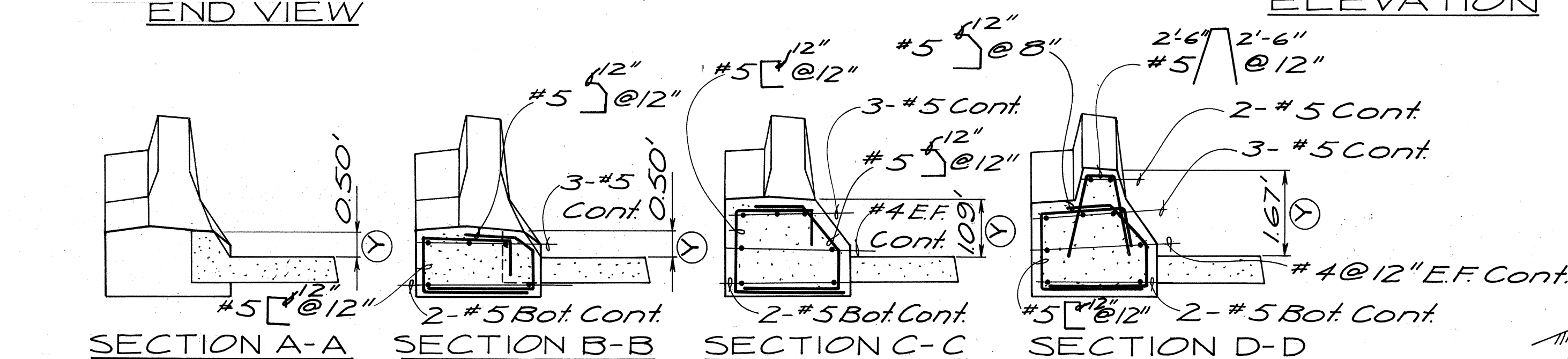


PLAN VIEW

*2' for Gutter, Types 2A/2AM, located left of Aolele St. between Stations 100+97 and 103+00.61.
 **20' Taper required for R-W to align Curb and Gutter E with inside side edge of Guard Rail Type 4E.



ELEVATION

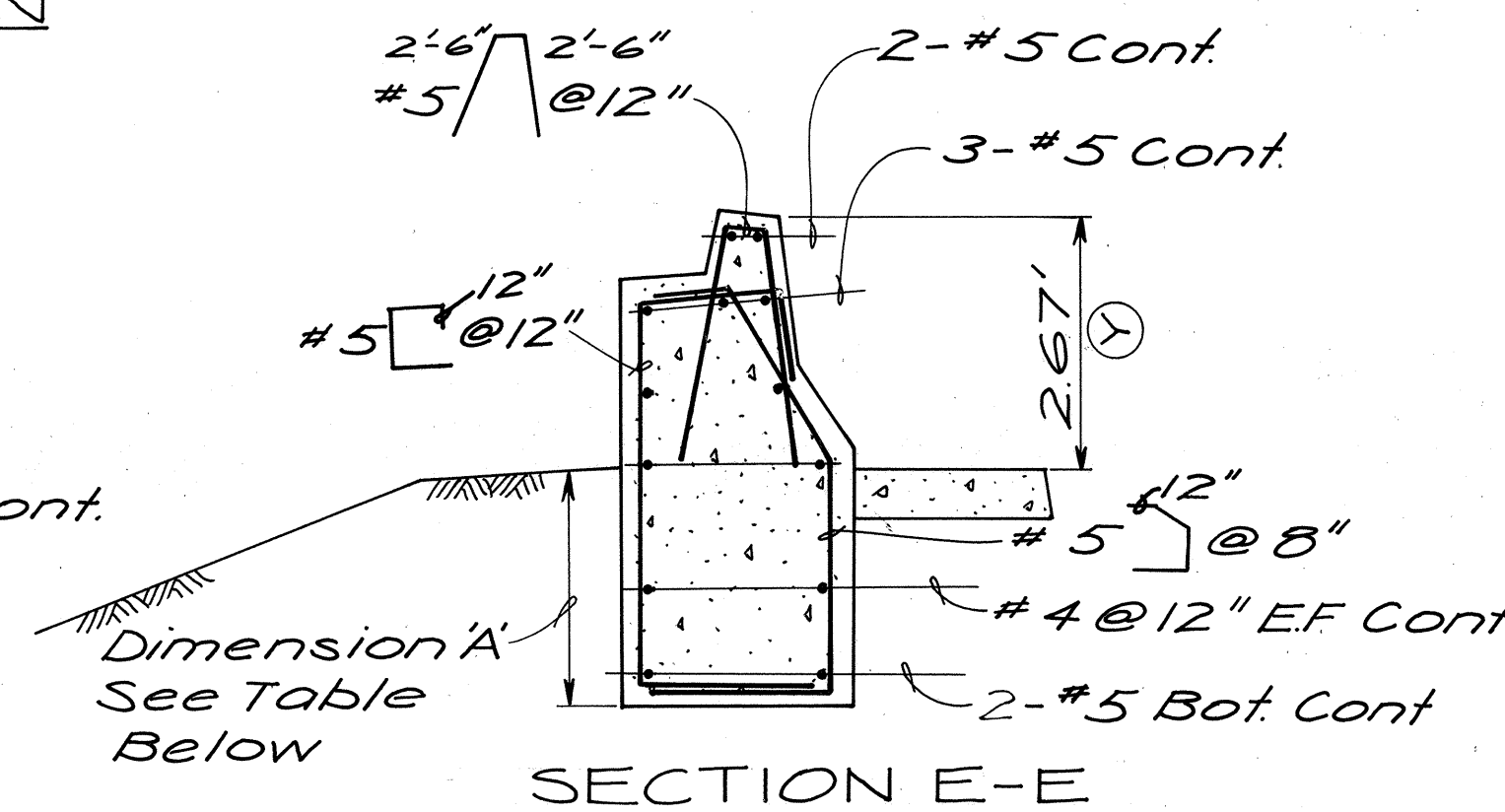


SECTION A-A

SECTION B-B

SECTION C-C

SECTION D-D



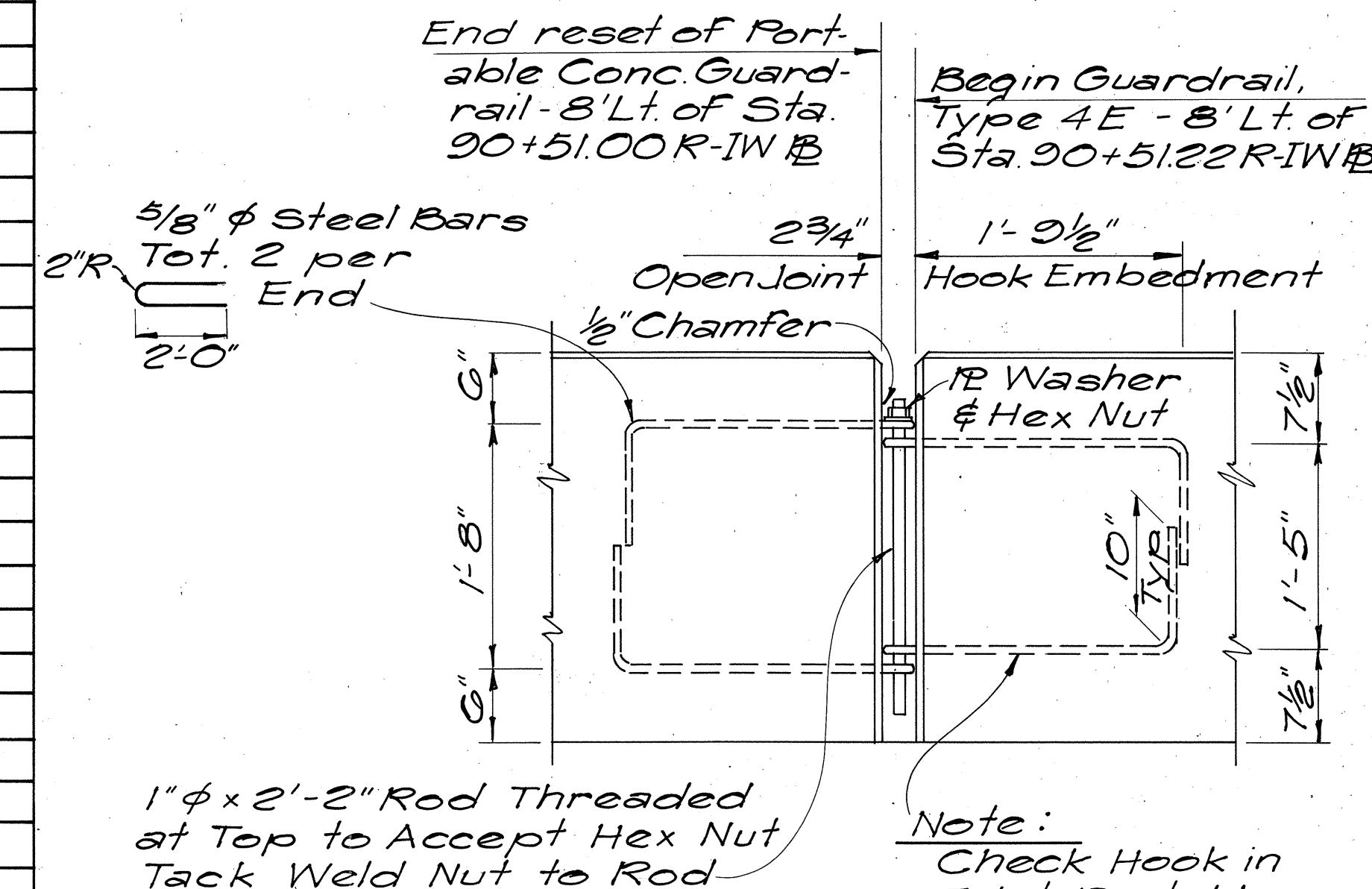
SECTION E-E

Note: For additional construction details, see Standard Detail DT-521, Sheet 94

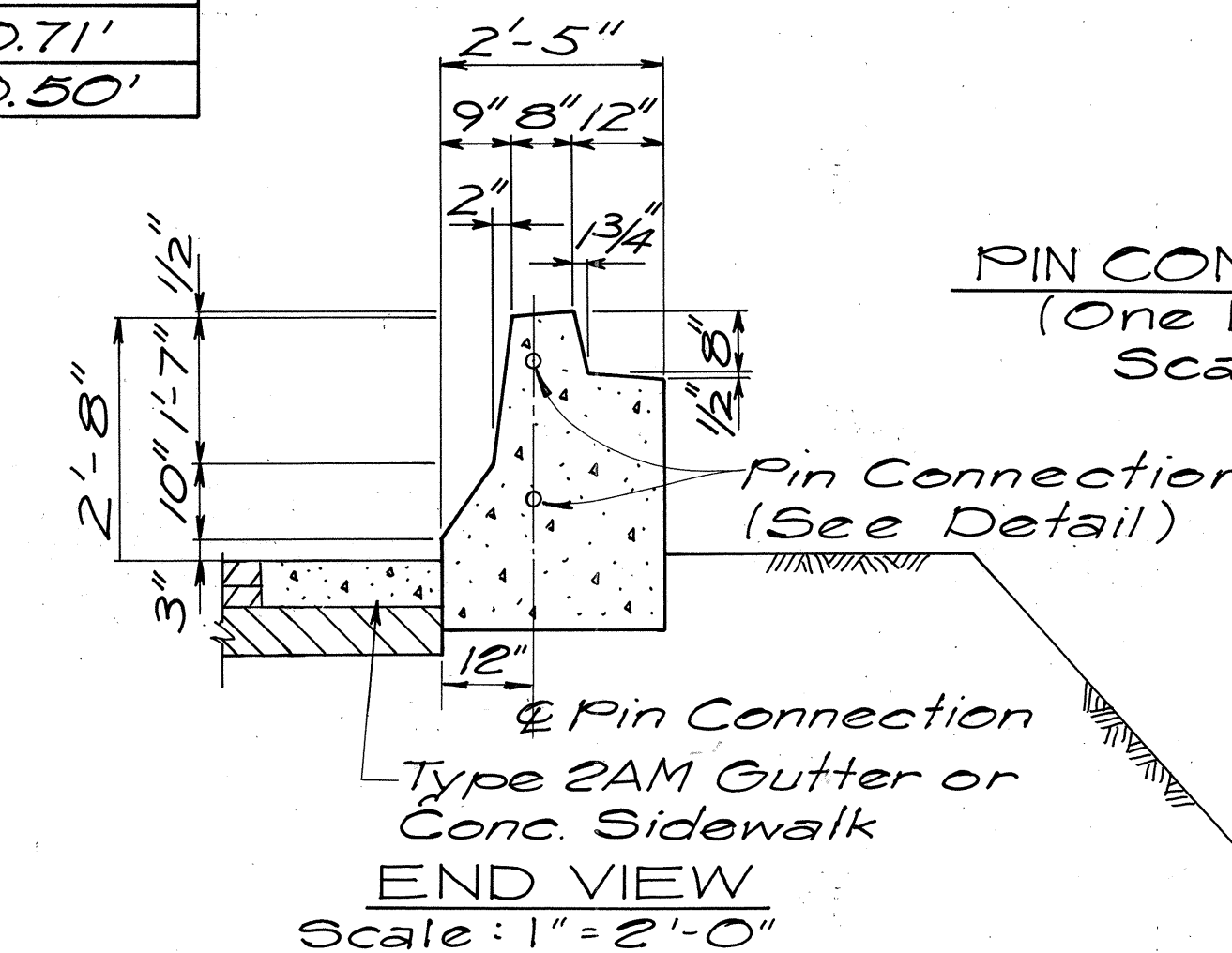
STATION TO STATION FROM	TO	DIMENSION 'A'***
69+75.0	74+42.61 Ramp Wt. Rt.	1'-6"
90+51.22	95+15 Ramp Wt. Lt.	2'-0"
100+97.0	101+70.97 Aolele St. Lt.	1'-6"
102+15.0	102+63.98 Aolele St. Rt.	1'-6"
102+60.55	103+00.61 Aolele St. Lt.	1'-6"
103+75.37	104+74.0 Aolele St. Rt.	1'-6"

***Where Guard Rail is adjacent to CRM Wall, Dimension 'A' is from top of CRM Wall

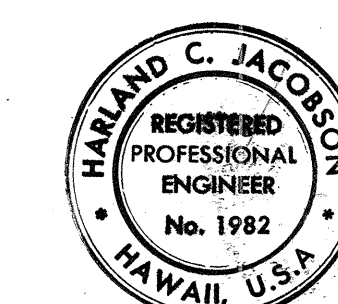
X	Y
0	2.67'
1	2.66'
2	2.65'
3	2.62'
4	2.58'
5	2.53'
6	2.47'
7	2.40'
8	2.32'
9	2.23'
10	2.13'
11	2.01'
12	1.89'
13	1.75'
13.58	1.67'
14	1.61'
15	1.45'
16	1.28'
17	1.10'
17.08	1.09'
18	0.91'
19	0.71'
20	0.50'



PIN CONNECTION DETAIL (One Location Only)
 Scale: 1"=1'-0"



END VIEW
 Scale: 1"=2'-0"



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 Signature

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
 SPECIAL DETAILS
 GUARD RAIL TYPE 4E
 RIGID BARRIER
 AIRPORT INTERCHANGE
 F.A.I. PROJ. NO. I-HI-1(123)16
 SCALE: 1"=2' DATE: AUG. 28, 1976

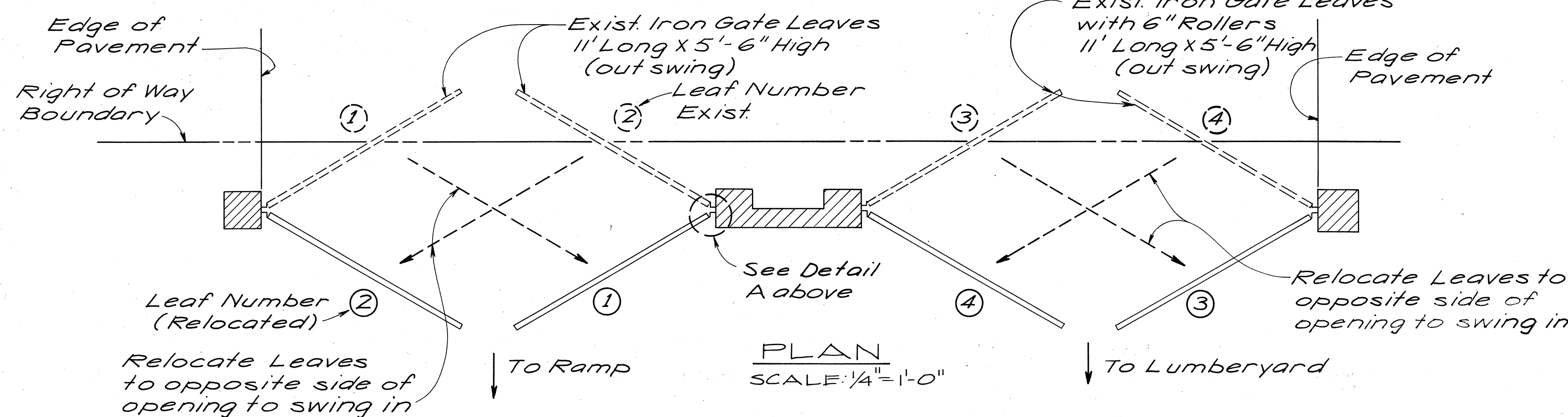
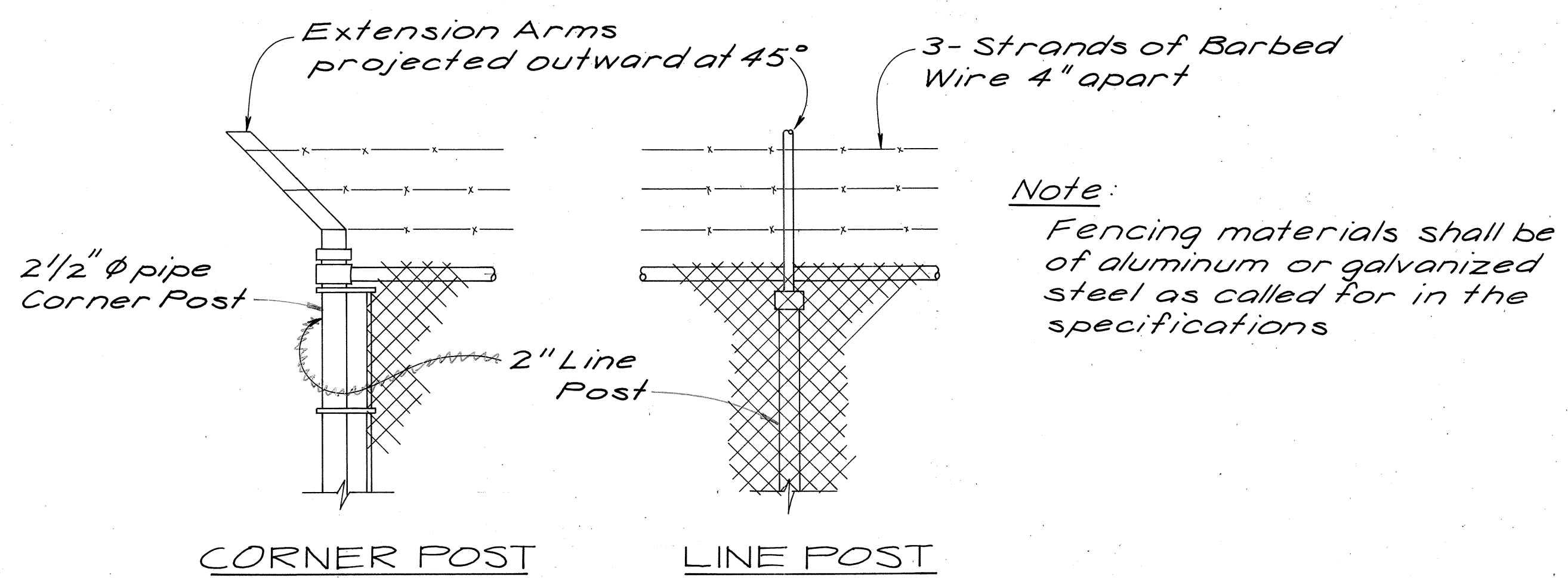
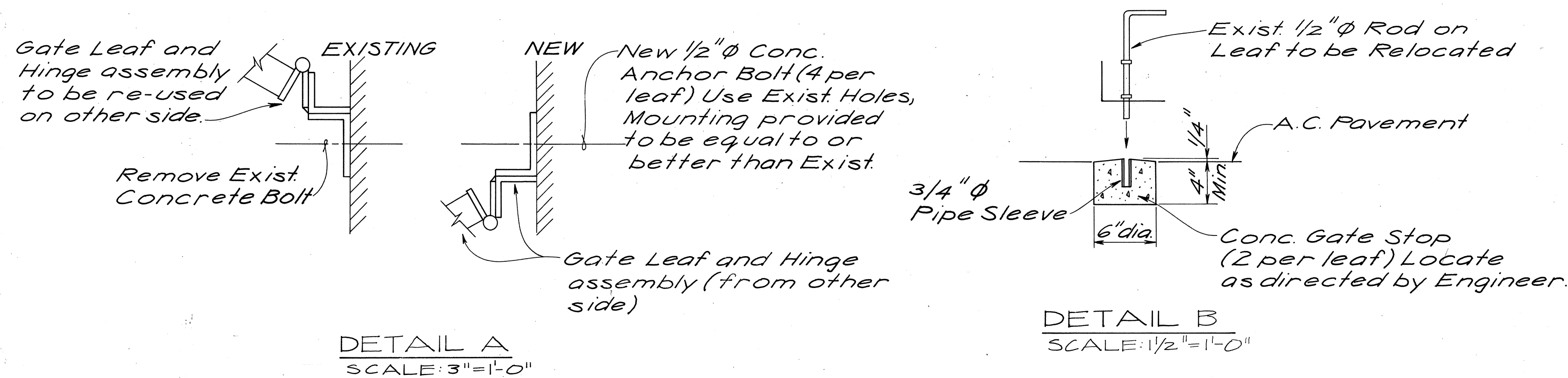
SHEET No. 2 OF 5 SHEETS

COADD25

PROFILE	DATE	BY	NO.
SURVEYED			
PLOTTED			
NOTE BOOK			
STRUCTURE NOTATION			

No.	Date	Revision
2	9-25-77	Deleted Gutter, Type 2AX
1	11-30-76	Plan View of 20' Transition Stationings in Table

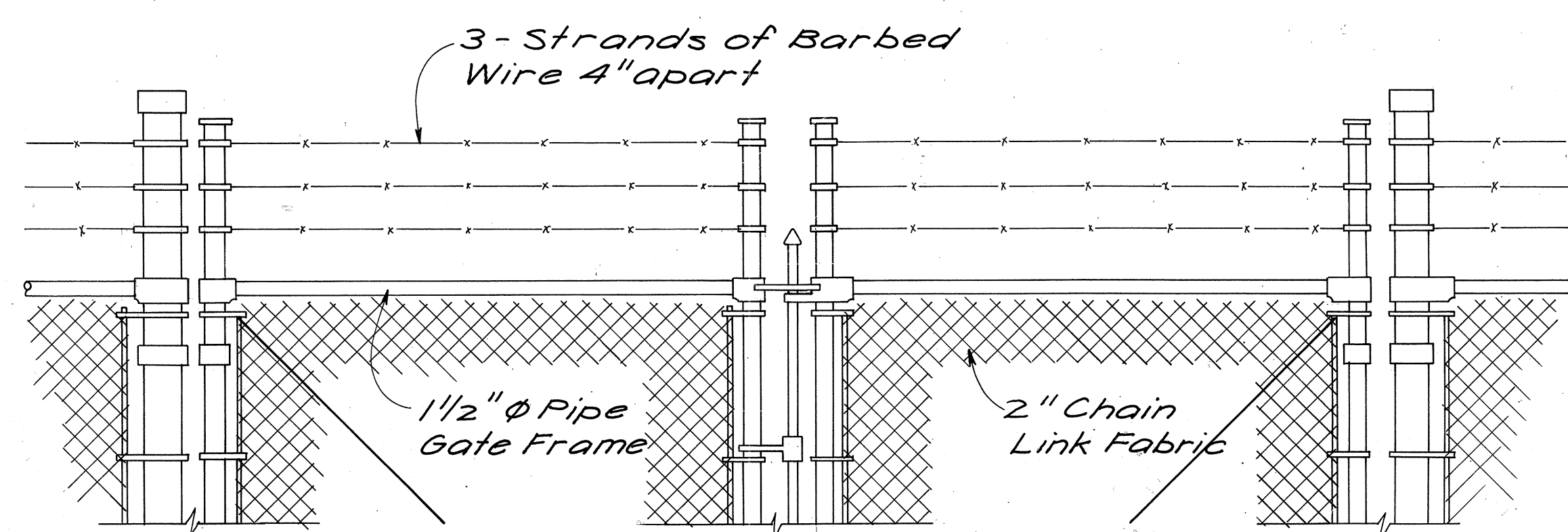
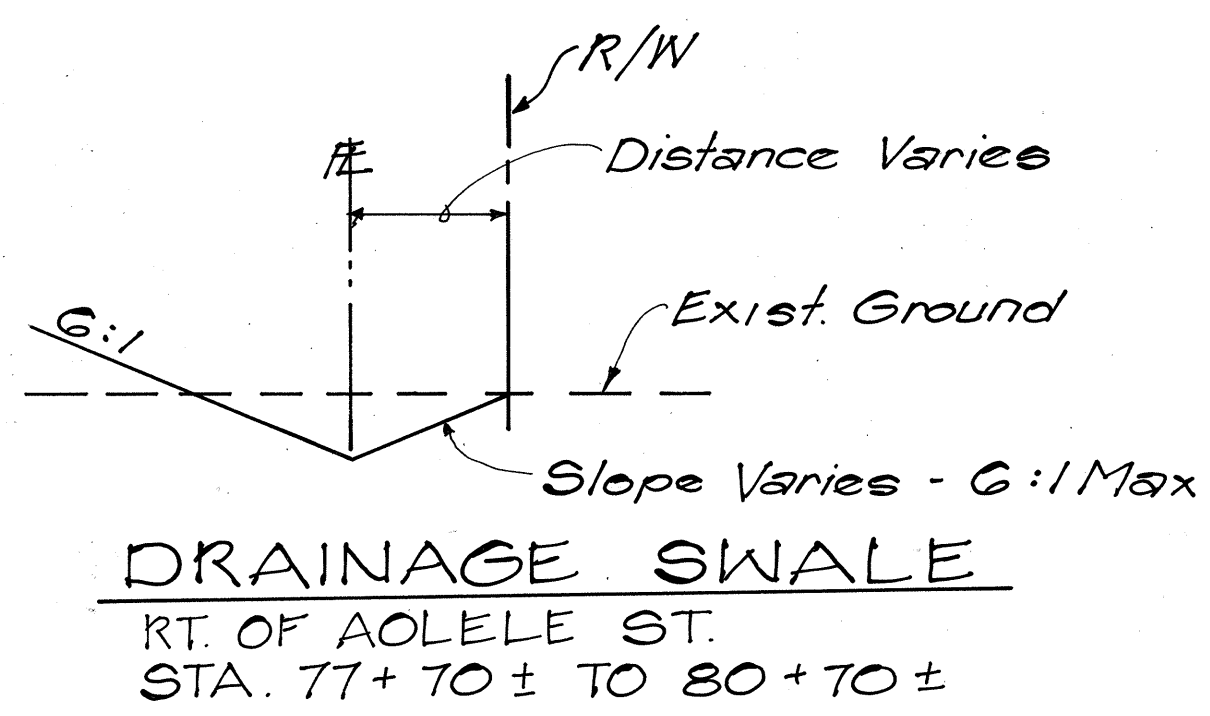
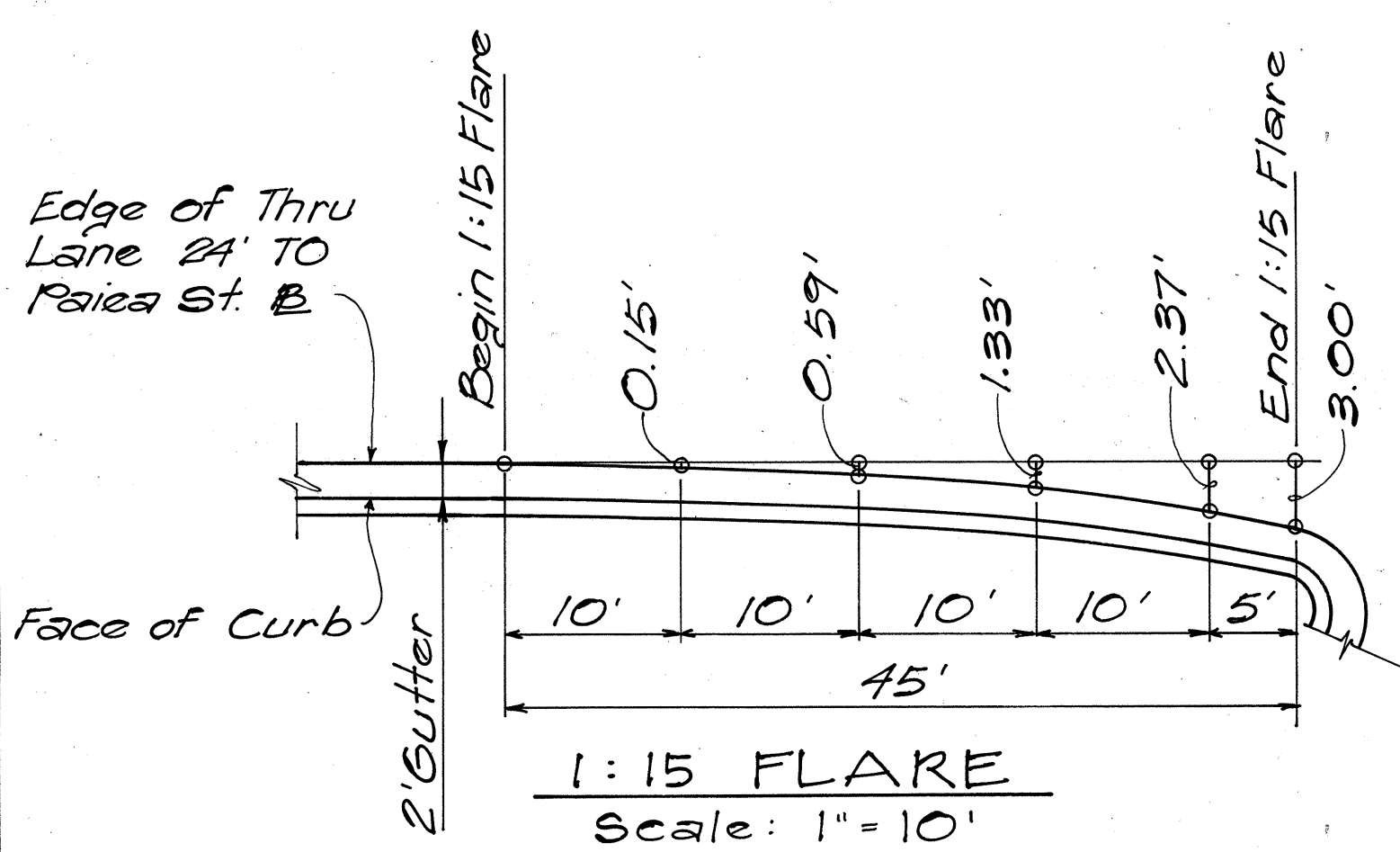
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-HI-1(123)-16	1976	20	444



- Notes:
1. The intent of this work is to reverse the swing of the Gates.
 2. This work also includes relocating the locking devices on each Gate, relocating all signs hung on the Gates, and any other work required to achieve an unchanged appearance of the Gates.
 3. The furnishing all materials, labor, and equipment necessary to complete this work shall be paid for by the lump sum bid, item 607.70

GATE ADJUSTMENT AT LEWERS & COOKE

RELOCATED PAIEA ST. (B STA. 75 + 72 RT.)



BARBED WIRE ATTACHMENT TO CHAIN LINK FENCE

SUPPLEMENT TO STD. DWG. DD 607.1
SCALE: 1" = 1'-0"

1	10-9-78	Added Drainage Swale and Flare Details
NO.	DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SPECIAL DETAILS

GATE ADJUSTMENT
BARBED WIRE ATTACHMENT
DRAINAGE SWALE
1:15 FLARE
AIRPORT INTERCHANGE
F.A.I. PROJ. NO. 1-HI-1(123)-16
SCALE: AS SHOWN DATE: AUG 23, 1976

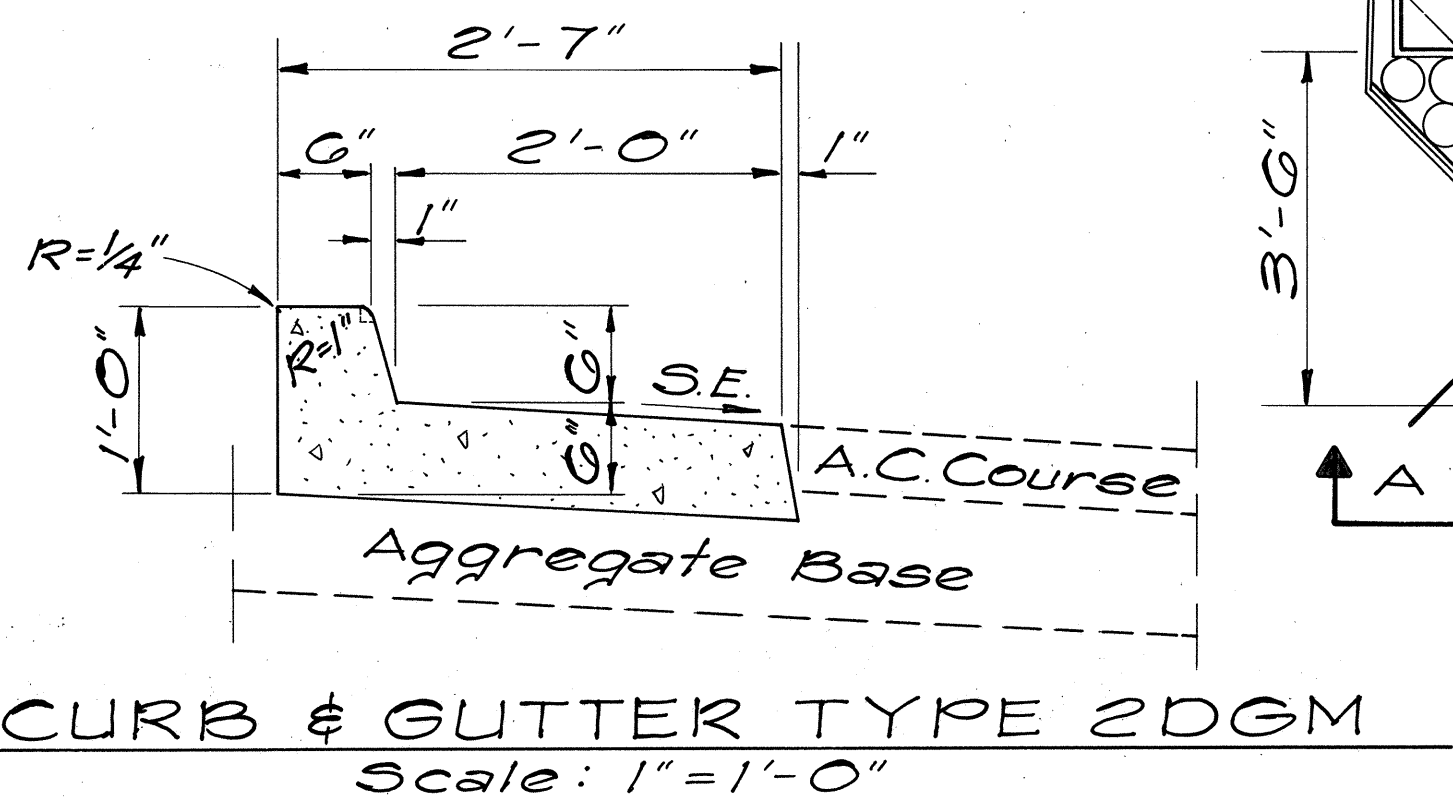
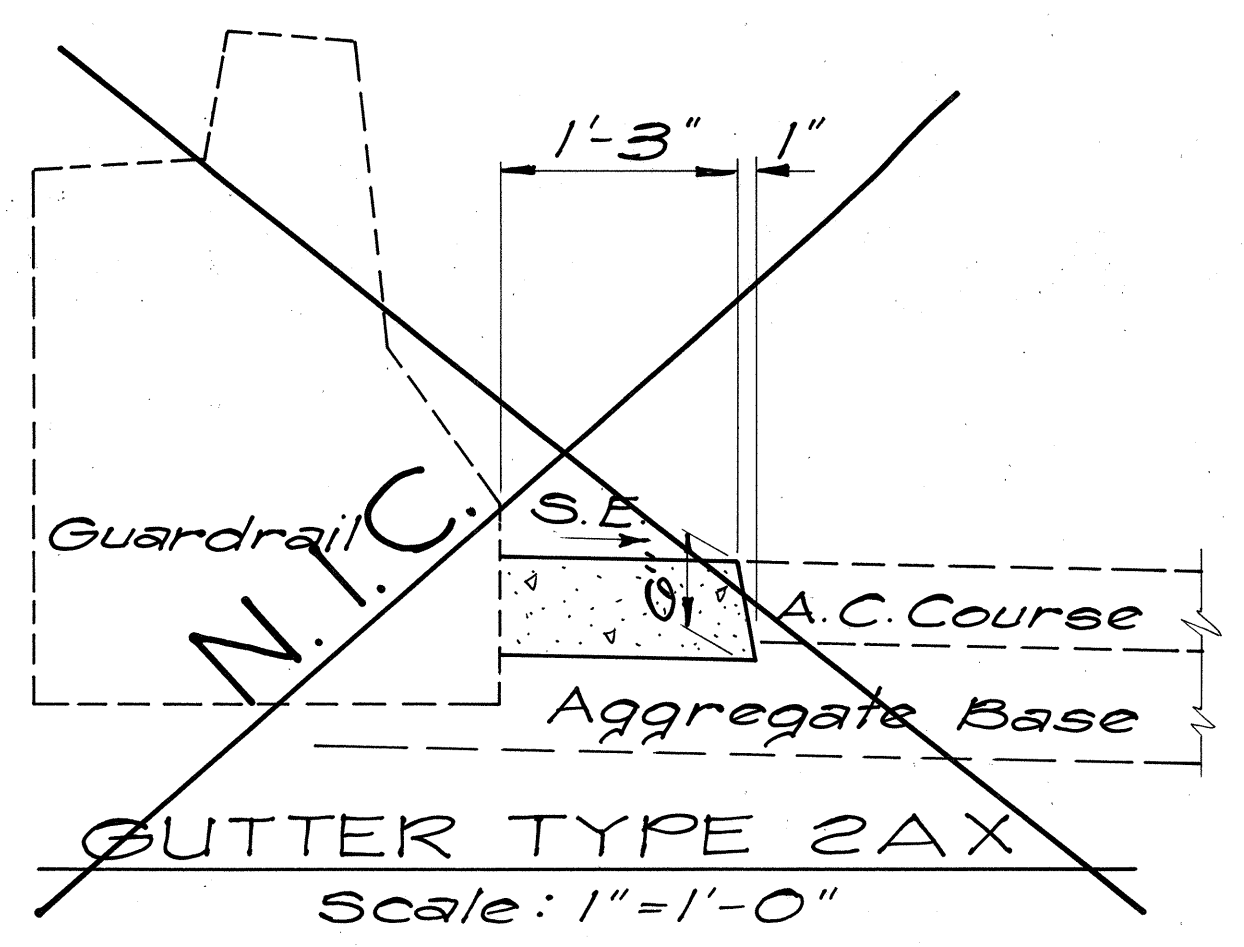
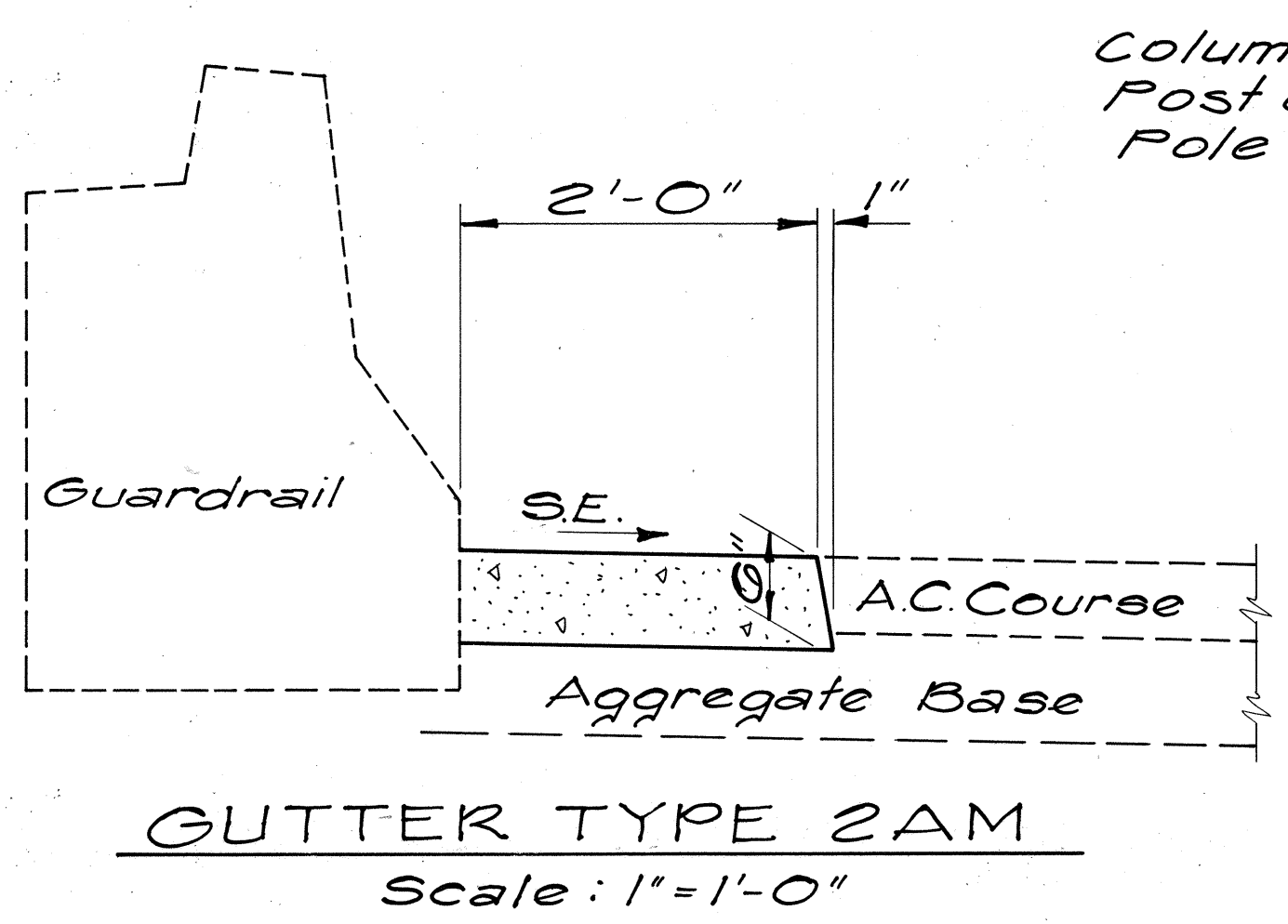
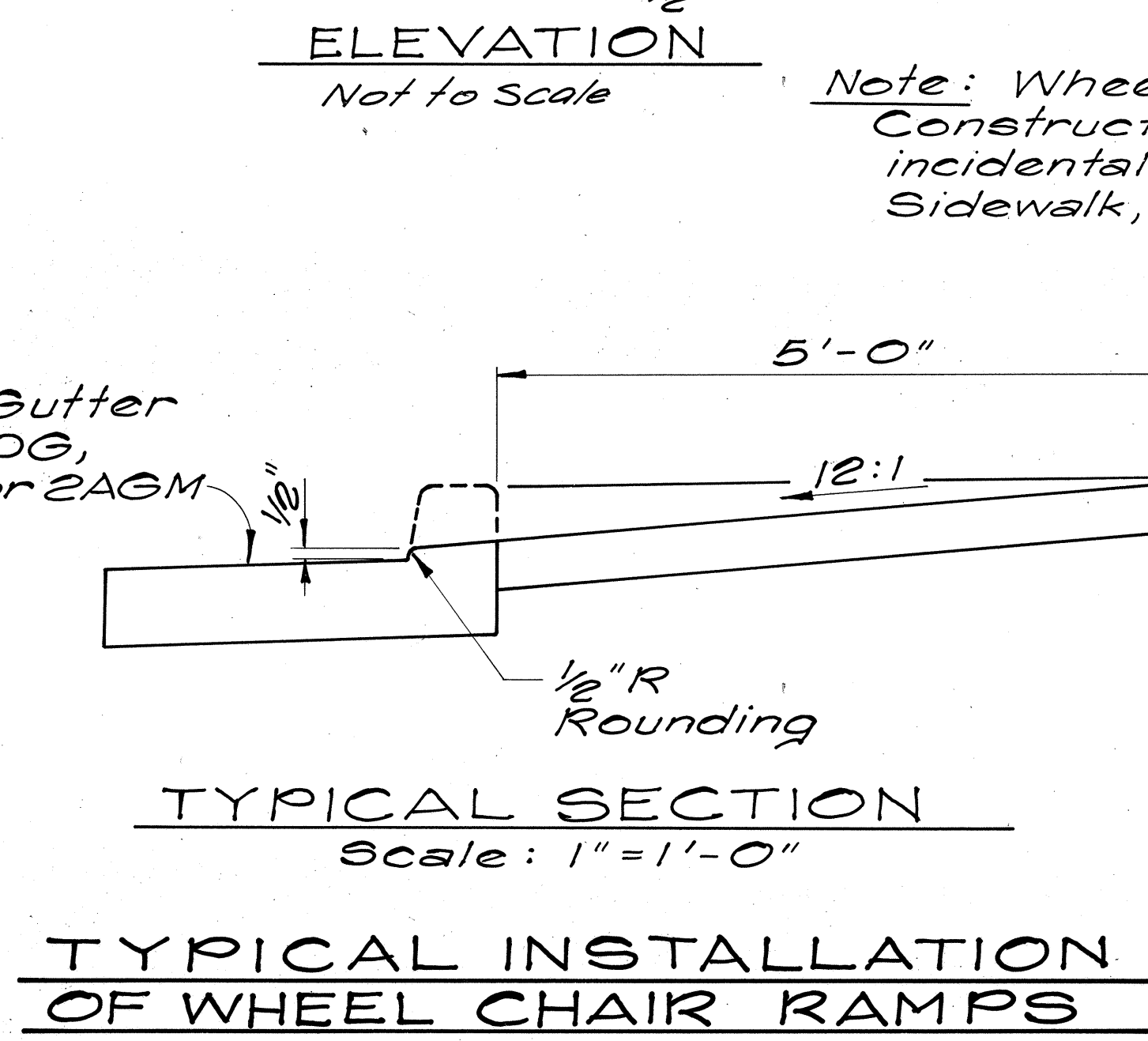
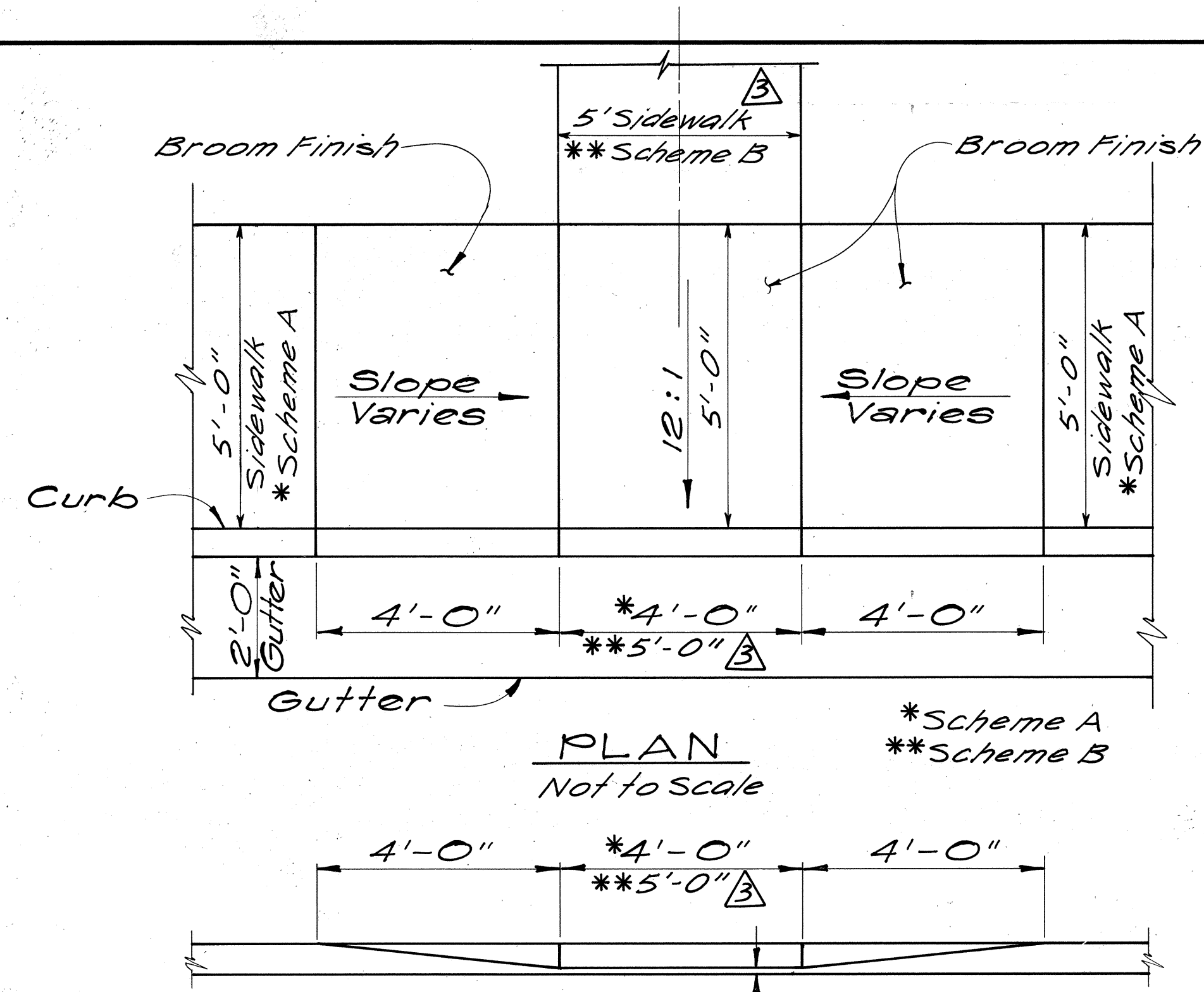
SHEET No. 3 OF 5 SHEETS

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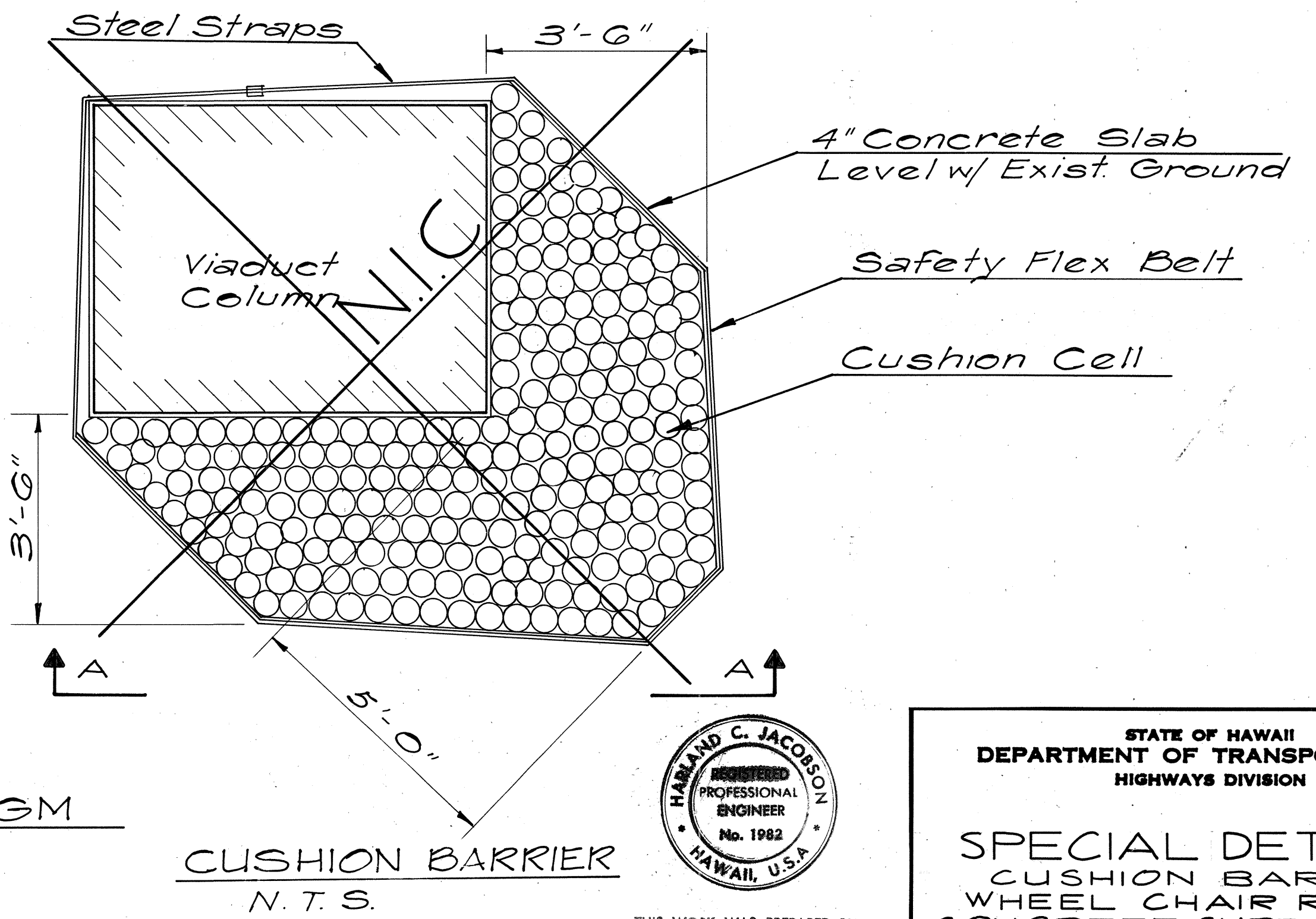
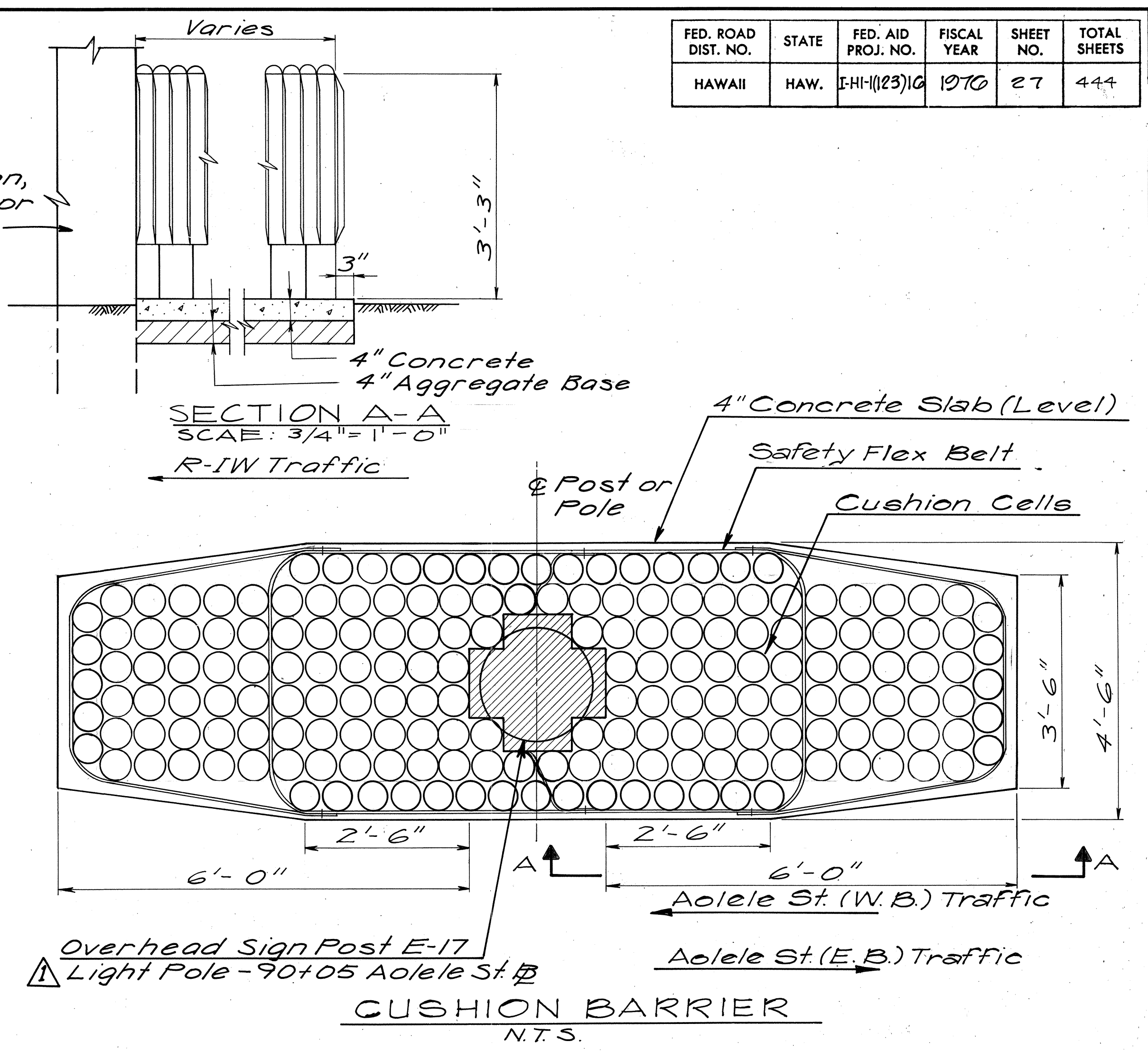
Harland C. Jacobson
Signature

REGISTERED PROFESSIONAL ENGINEER
No. 1982
HAWAII, U.S.A.

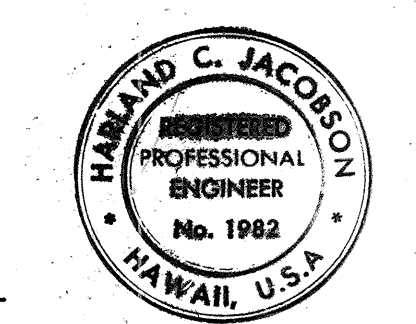
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(123)16	1976	27	444



TYPICAL DETAIL OF CAST-IN-PLACE CONCRETE CURB & GUTTER



NO.	DATE	REVISION
1	10-10-77	Added Scheme B to Sidewalk alignment
2	9-25-77	Deleted Gutter, Type 2AX
3	12-13-76	Added Cushion Barrier for Light Pole



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Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SPECIAL DETAILS
CUSHION BARRIER
WHEEL CHAIR RAMPS
CONCRETE CURB & GUTTER

AIRPORT INTERCHANGE
F.A.I. PROJ. NO. I-HI-1(123):16
SCALE: AS SHOWN DATE: JUNE 30, 1976

SHEET No. 4 OF 5 SHEETS

