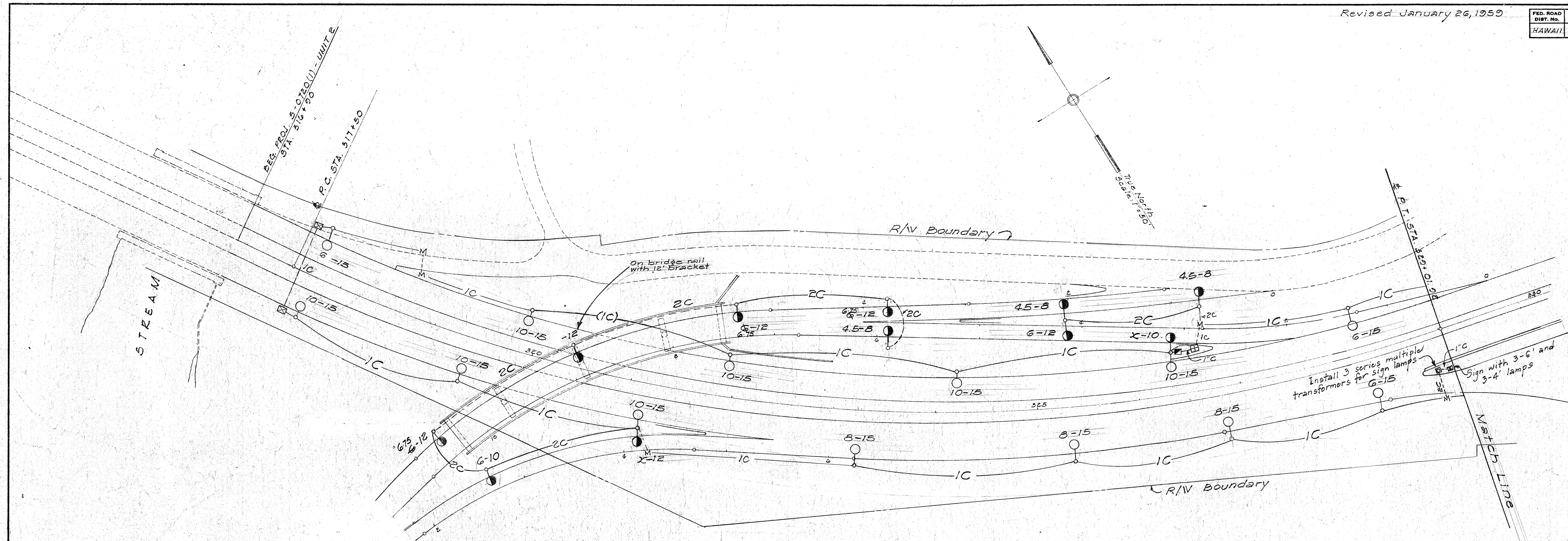


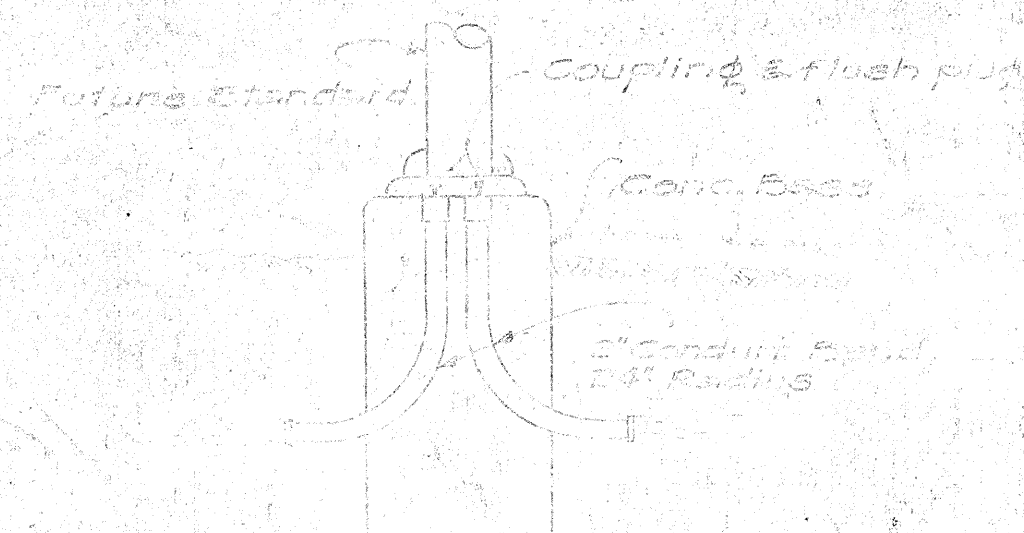
Revised January 26, 1959

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	5-0720(1)	1958	35	109



LEGEND:

- 10-15 Metal lamp post with luminaire (20,000 lumen); first figure shows clear distance to transformer housing from edge of pavement; second figure shows bracket length
- 4.5-8 Metal lamp post with luminaire (11,000 lumen)
- 6-12 Twin bracket and luminaire on metal lamp post
- ⊠ Type "A" pullbox
- ⊞ Type "B" pullbox
- ⊡ Type "C" pullbox
- M --- Marker for end of conduit
- 1C-2C Direct burial cable, one or two cables
- 1C-2C 2" diameter conduit with one or two cable



DETAIL OF CONC. BASE
FROM 5-0720(1) SHEET 35

NOTE:

Each lamp post shall have a transformer base plus 30 foot pole length except that those on Bridge Rail shall be without transformer base and pole shall have a handhole. Conduit under Roadways shall be Steel.

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

HIGHWAY LIGHTING SYSTEM

MOANALUA ROAD
PROJ. NO. 5-0720(1)
UNIT 2

Scale: 1" = 50' March 1958

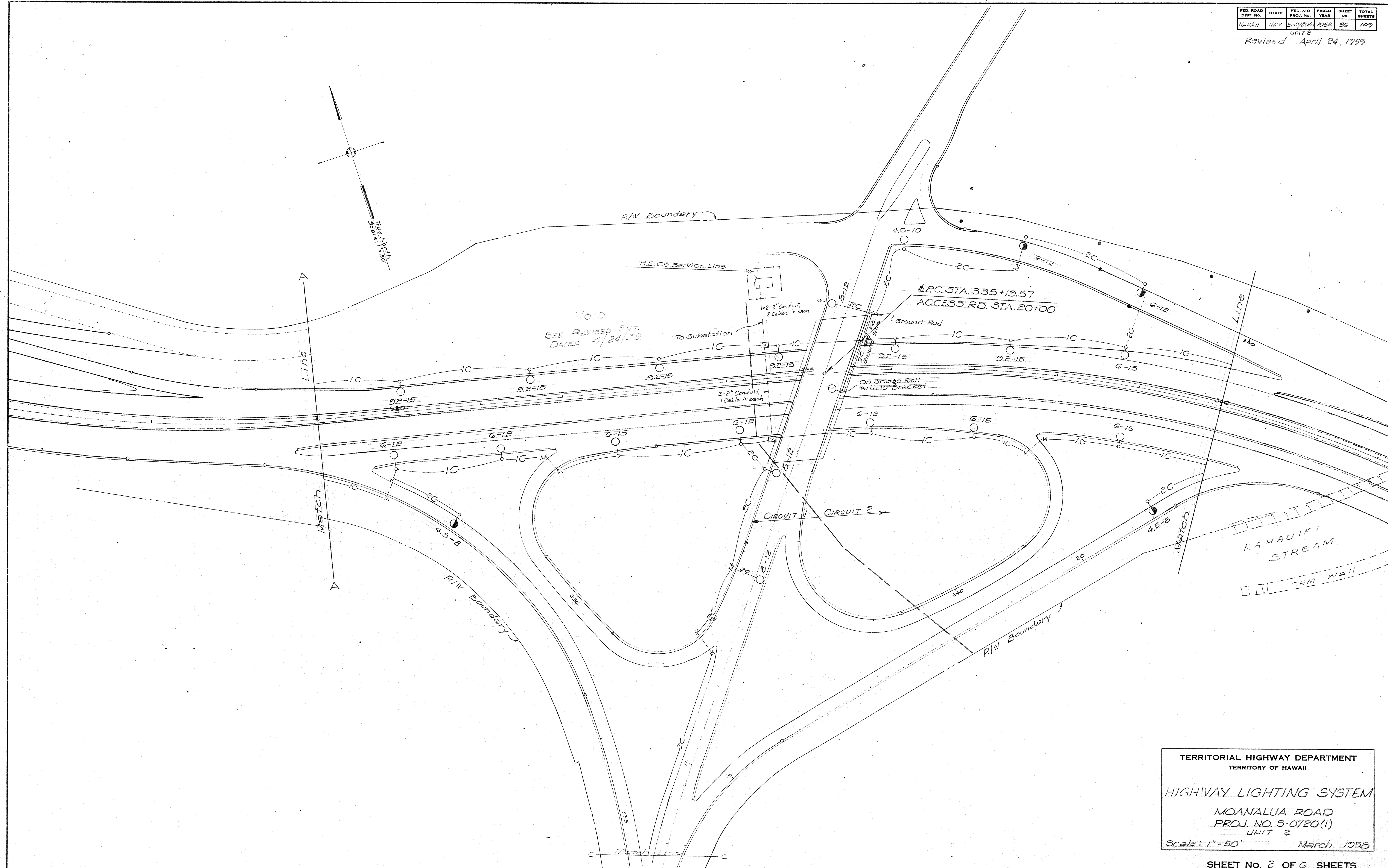
SHEET NO. 1 OF 6 SHEETS

5444.35

SURVEY PLOTTED BY	DATE
DESIGNED BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	
NOTE BOOK NO.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	5-0720(1)	1958	36	109

UNIT 2
Revised April 24, 1959



ORIGINAL PLAN	DESIGNED BY	DATE
NOTE BOOK	TRACED BY	
No.	QUANTITIES CHECKED BY	
	CHECKED BY	

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

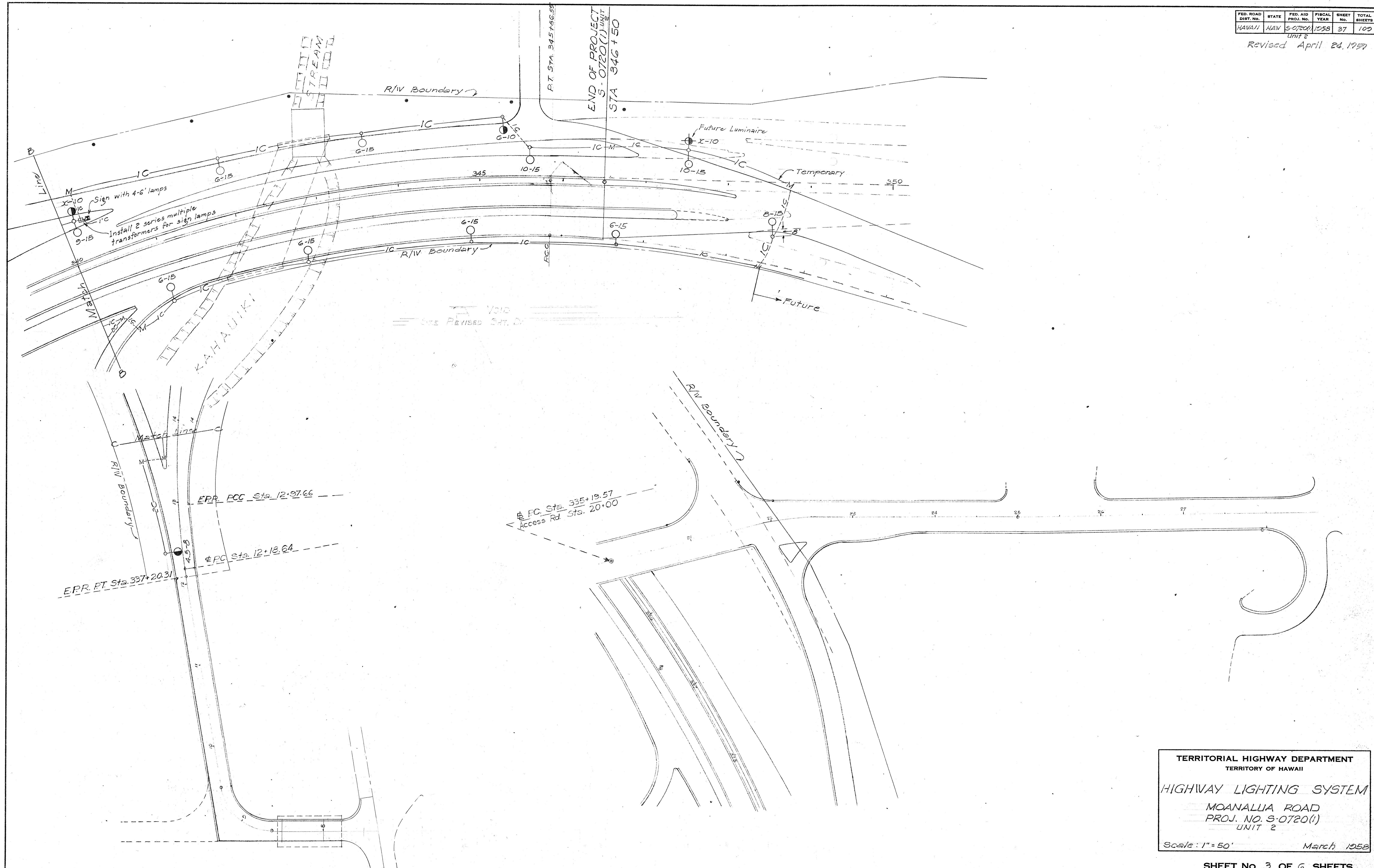
HIGHWAY LIGHTING SYSTEM
MOANALUA ROAD
PROJ. NO. S-0720(1)
UNIT 2
Scale: 1" = 50' March 1958

SHEET No. 2 OF 6 SHEETS

5444.36

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	S-0720(1)	1958	37	100

Unit 2
Revised April 24, 1957



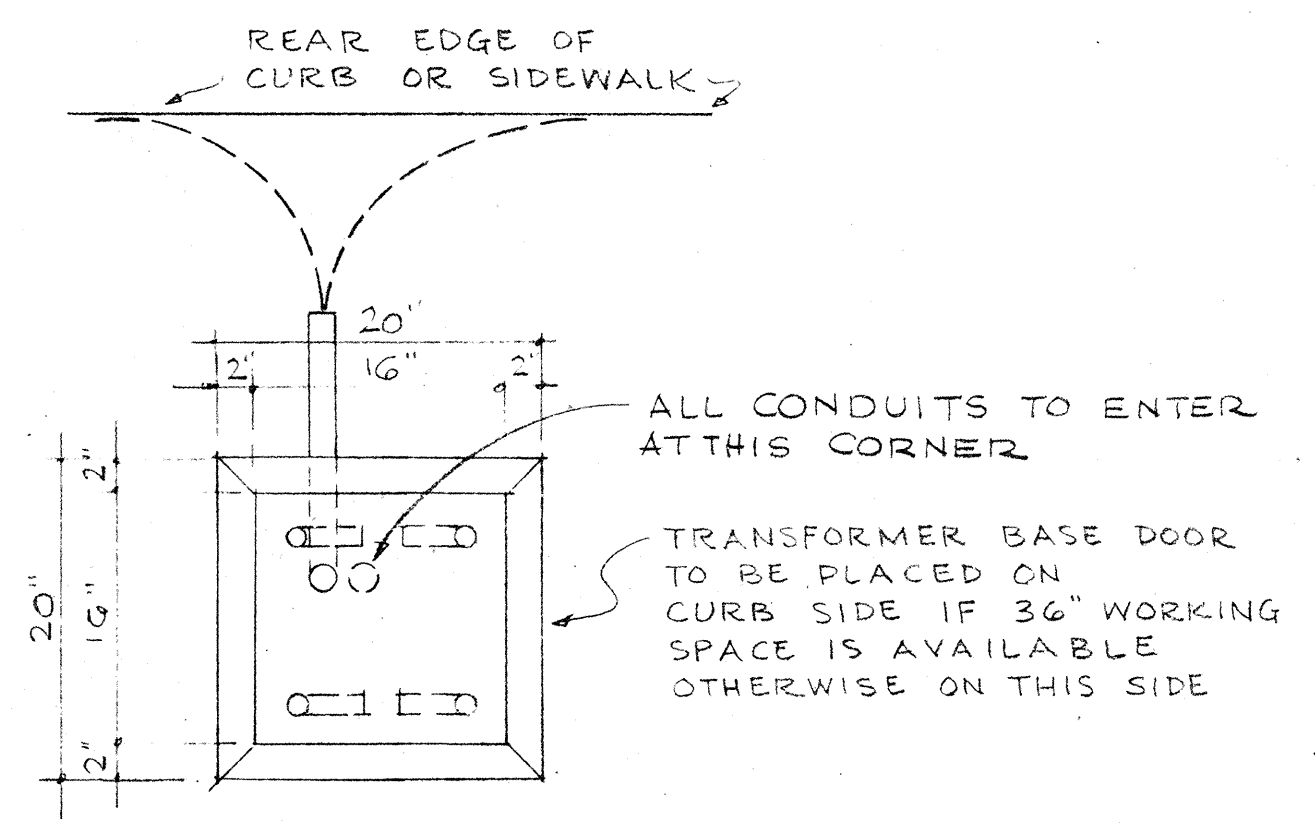
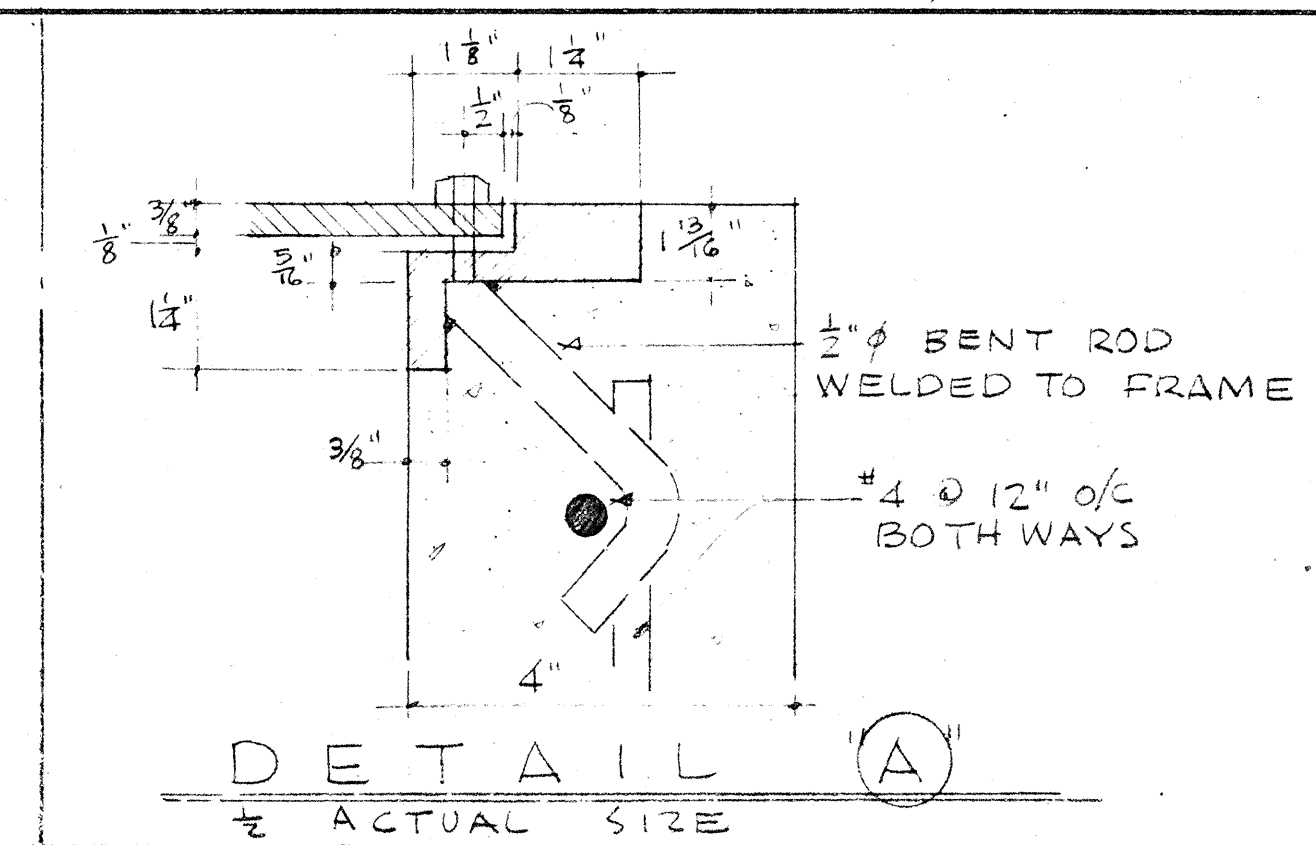
ORIGINAL PLAN	DATE
DESIGNED BY	
DRAWN BY	
QUANTITIES CHECKED BY	
CHECKED BY	

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

HIGHWAY LIGHTING SYSTEM

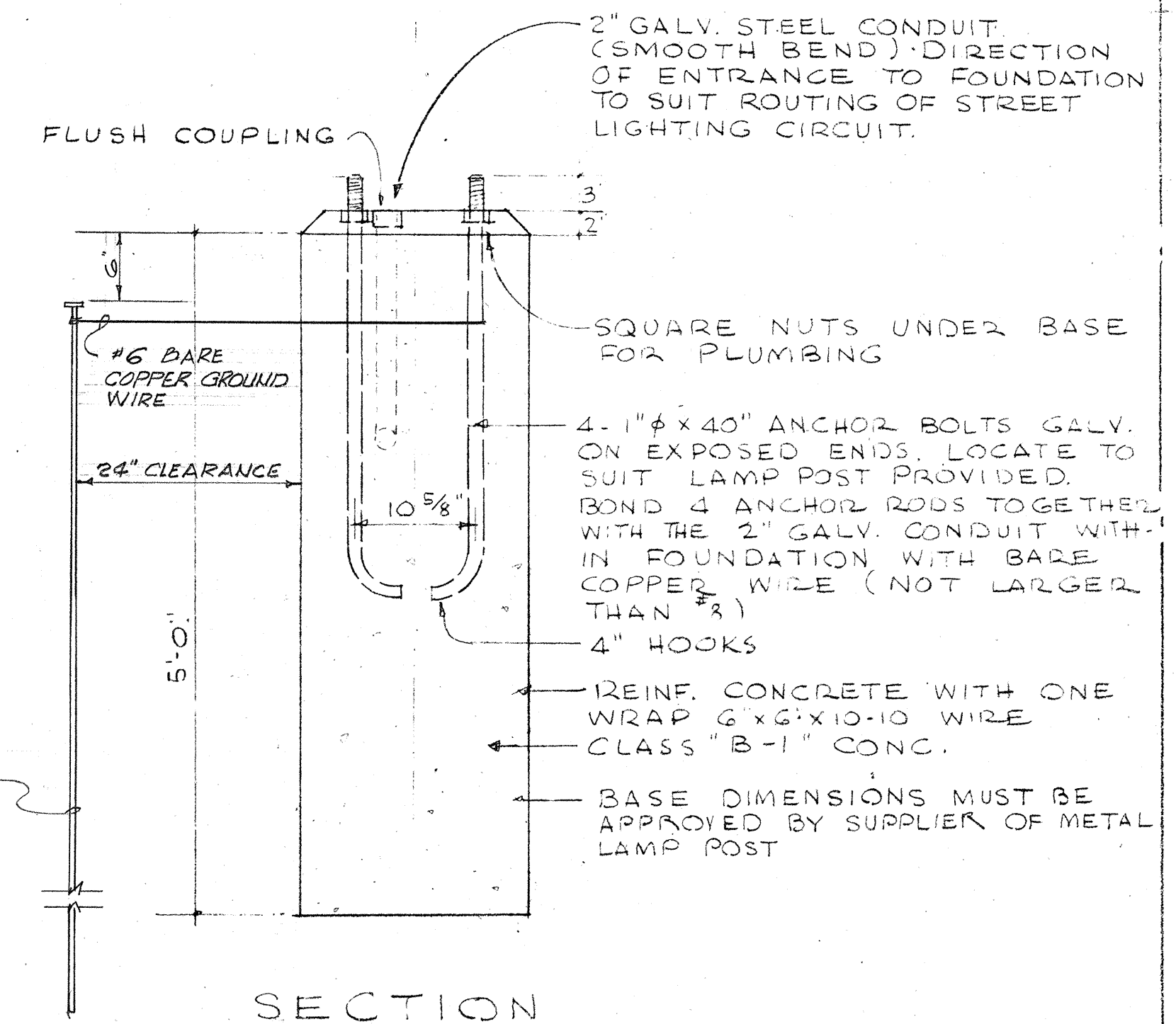
MOANALLIA ROAD
PROJ. NO. S-0720(1)
UNIT 2

Scale: 1" = 50' March 1958



FOR ACTUAL NUMBER & LOCATION OF ENTERING CONDUITS, SEE LAYOUT PLAN.

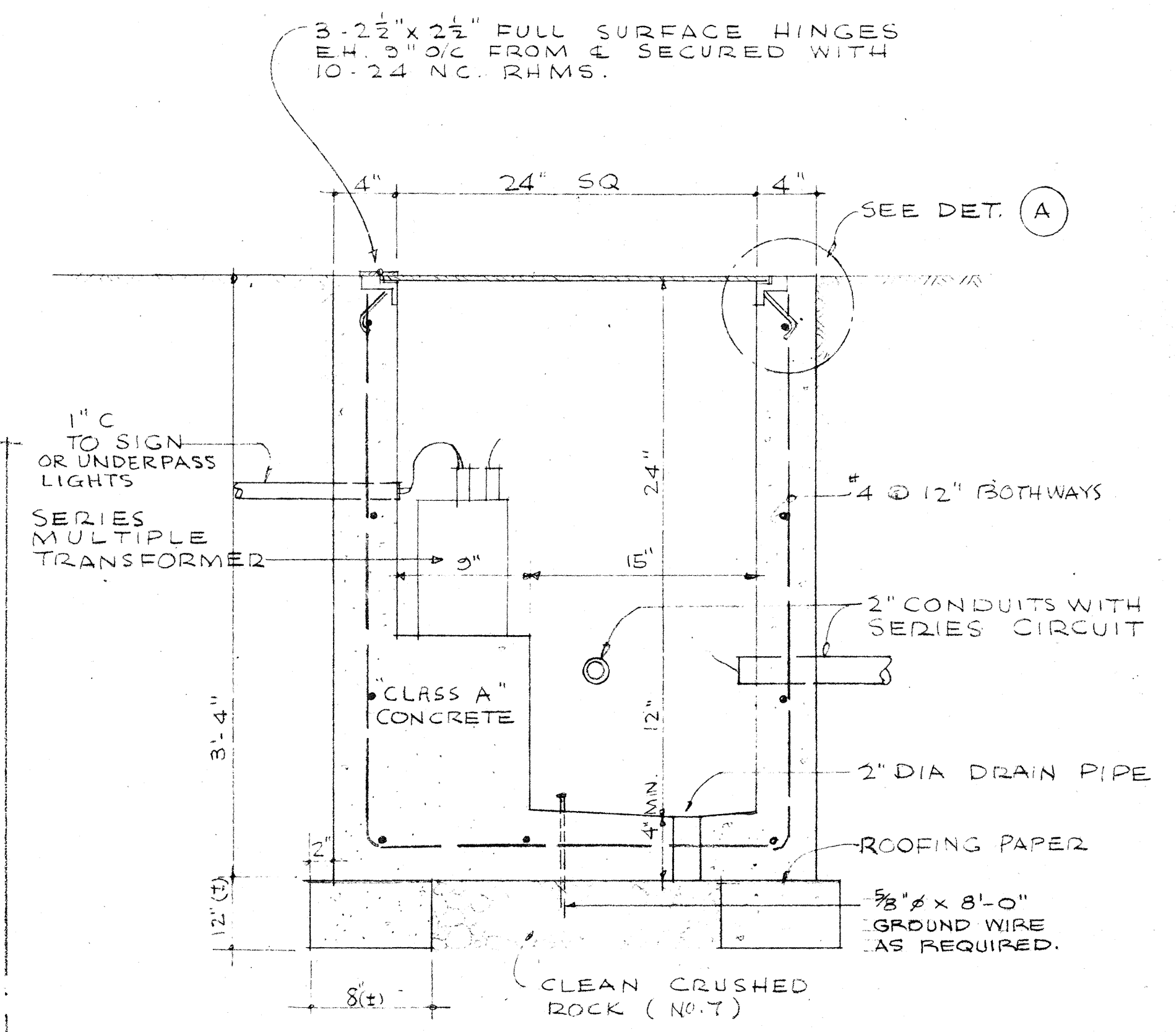
PLAN



SECTION

METAL LAMP POST CONCRETE BASE

SCALE: 1" = 1'-0"

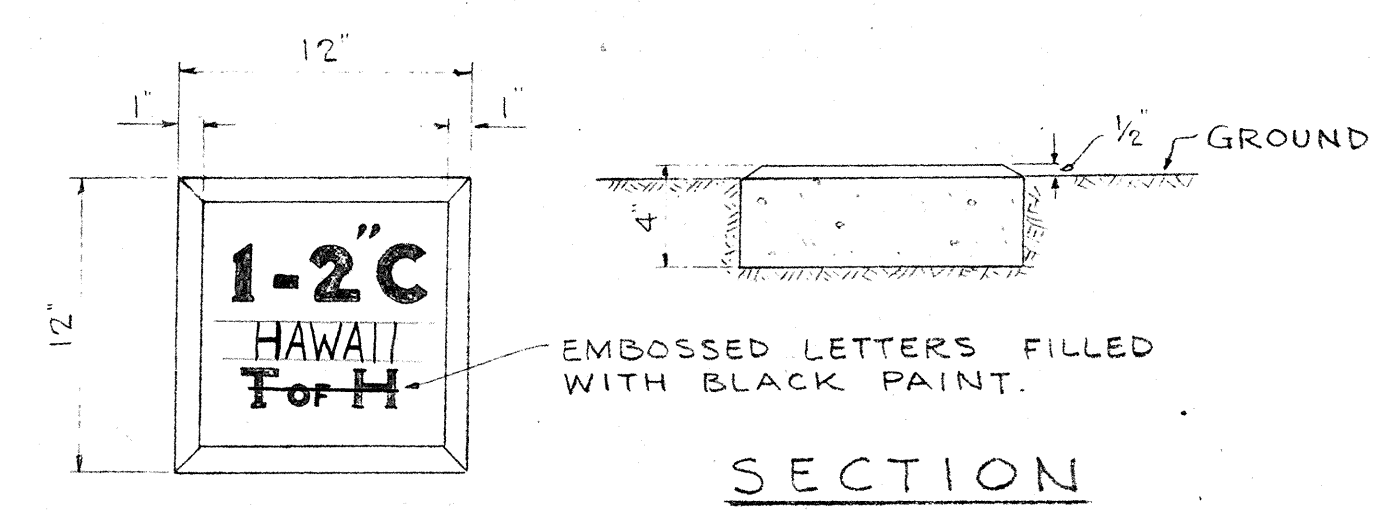
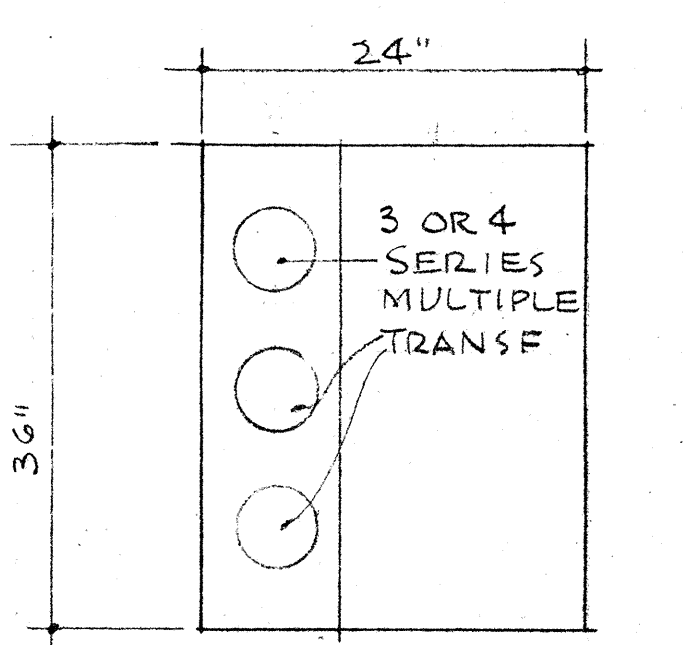
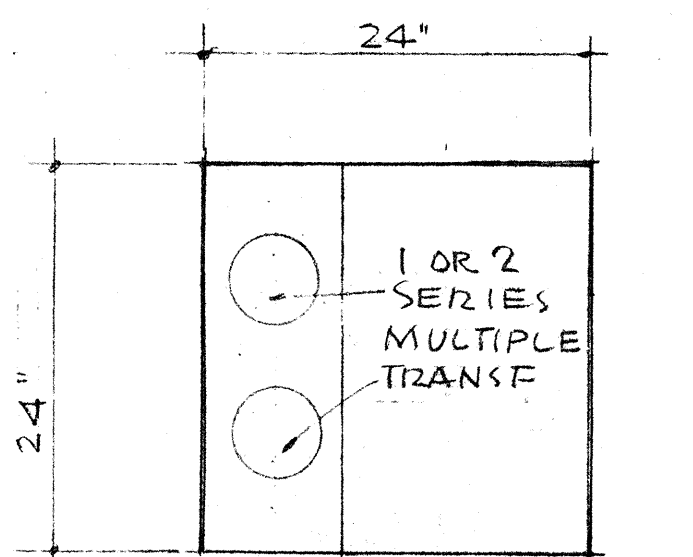


SECTION THRU PULL BOX TYPE "B" DETAIL

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

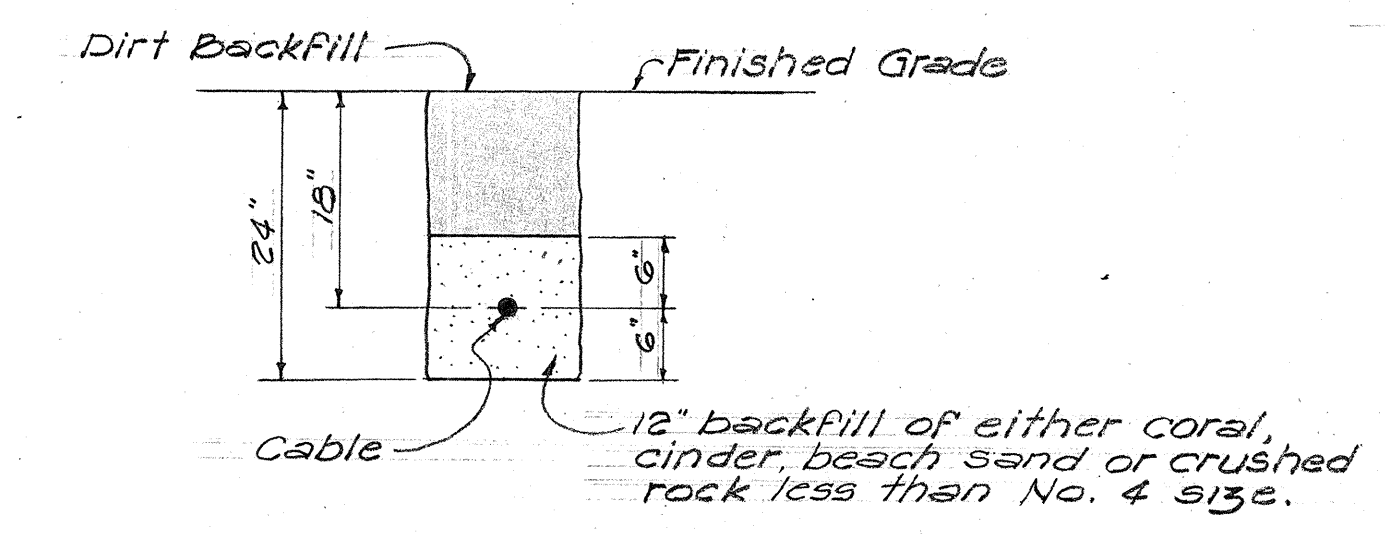
NOTE: 1. PULL BOX TYPE "C" SECTION SIMILAR TO TYPE "B"

2. FOR ACTUAL NUMBER & LOCATION OF ENTERING CONDUITS, SEE LAYOUT PLAN.

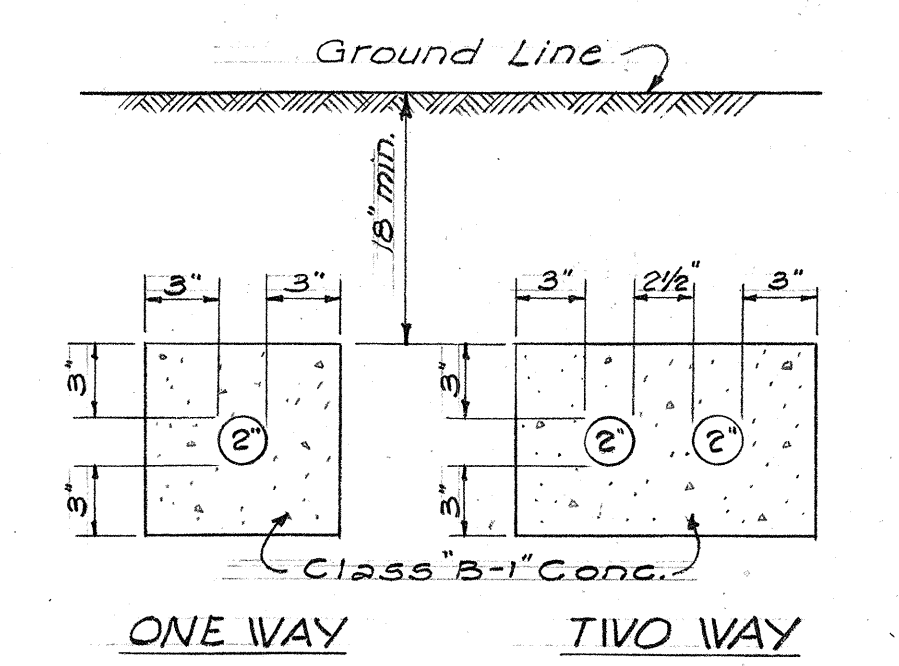


CONDUIT MARKER DETAIL

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



NOTE: THESE DETAILS ARE INTENDED TO SUPPLEMENT TERRITORY STANDARD. IF ANY CONFLICT, TERRITORY STANDARDS WILL CONTROL.



TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

DETAILS FOR
HIGHWAY LIGHTING SYSTEM

MOANALUA ROAD
PROJ. NO. S-0720(1)
UNIT 2

Scale: As Shown March 1958

SHEET NO. 4 OF 6 SHEETS

DATE: _____

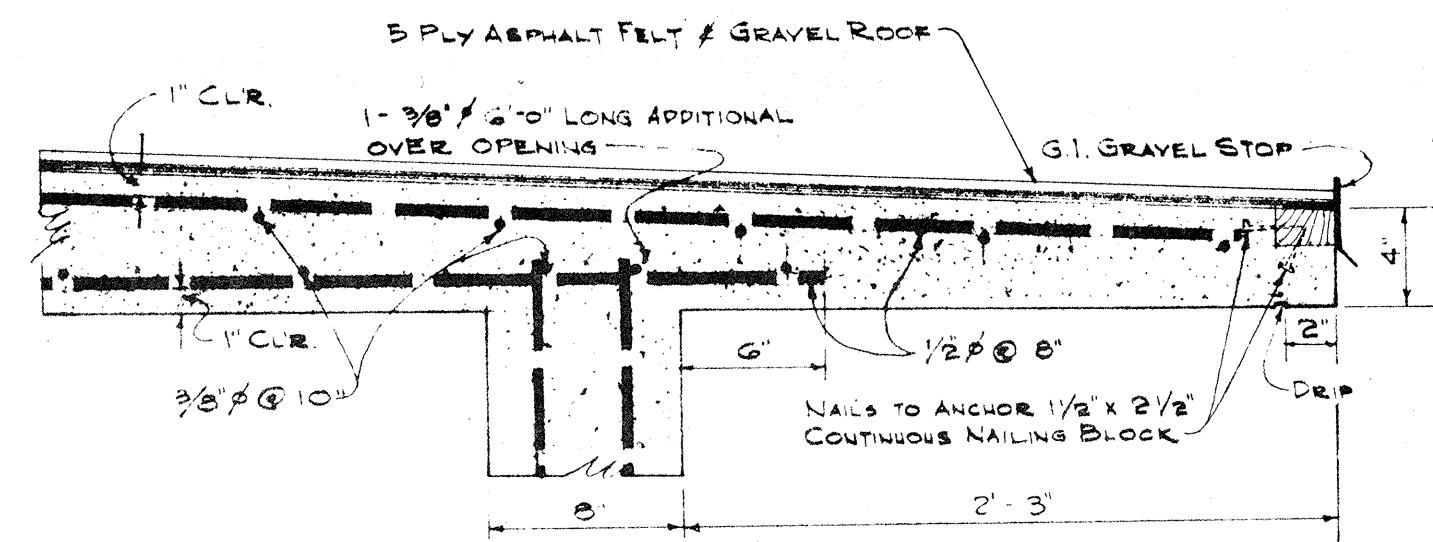
SURVEY PLOTTED BY: _____

DESIGNED BY: _____

DRAWN BY: _____

NOTE BOOK QUANTITIES CHECKED BY: _____

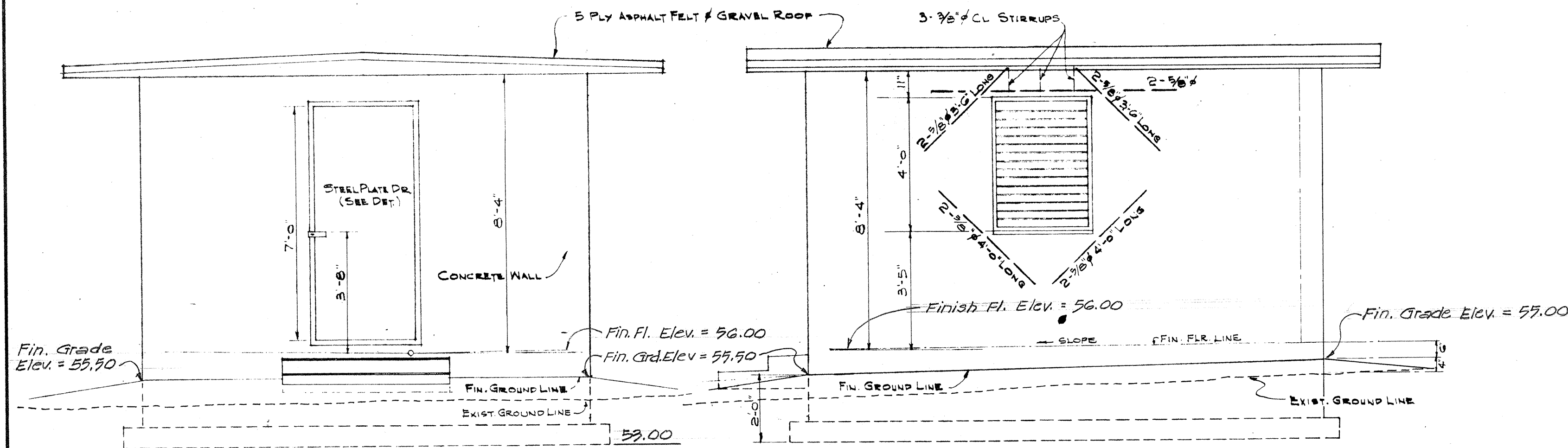
NO. _____



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

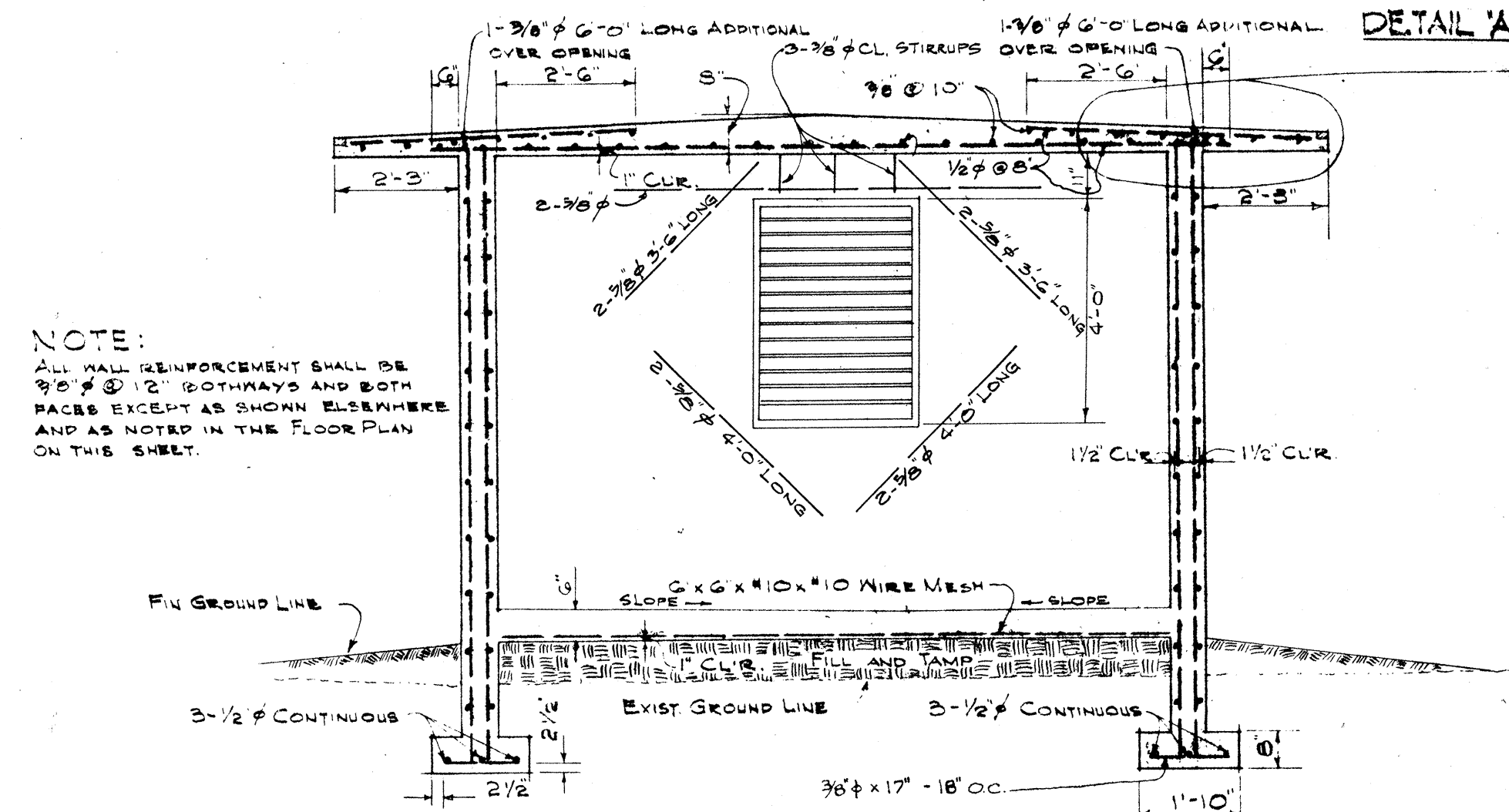
NOTE:

CONCRETE AND CONCRETE FINISH
ALL CONCRETE SHALL BE CLASS A-1 UNLESS OTHERWISE NOTED.
ALL EXPOSED EXTERIOR SURFACES OF CONCRETE WALLS AND ROOF SHALL BE GIVEN CLASS 2 RUBBED FINISH.

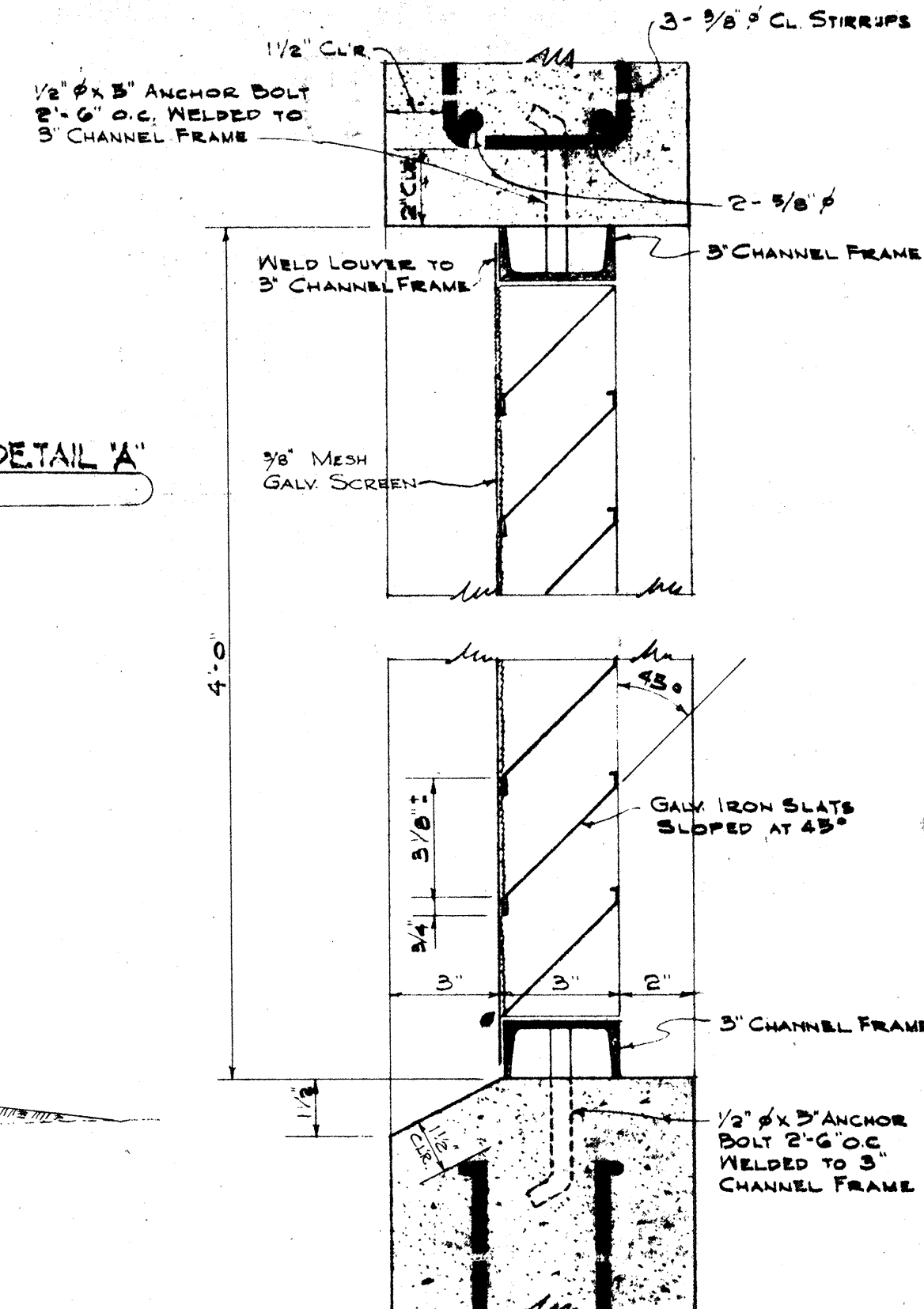


FRONT ELEVATION
SCALE: 3/8"=1'-0"

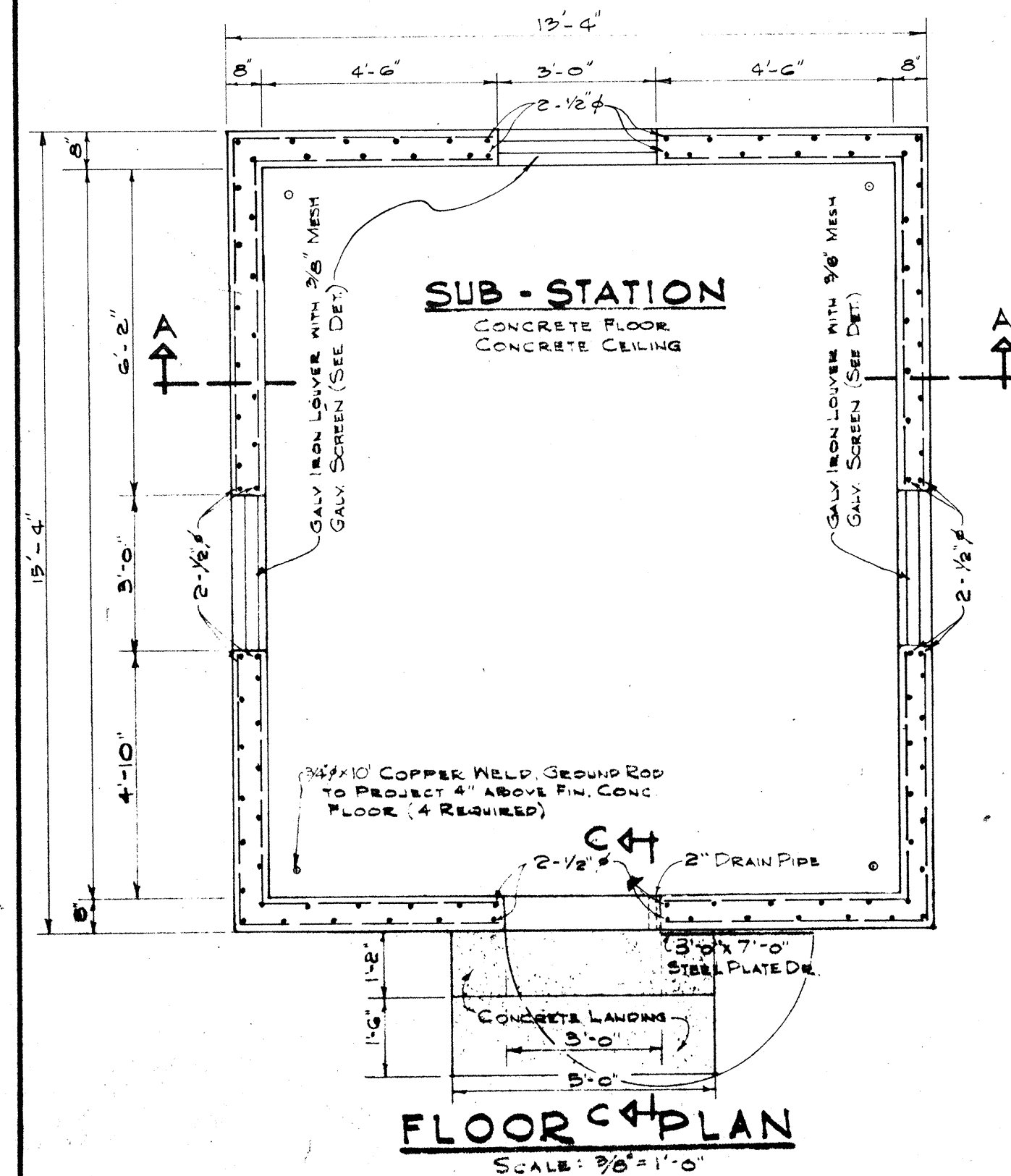
SIDE ELEVATION
SCALE: 3/8"=1'-0"



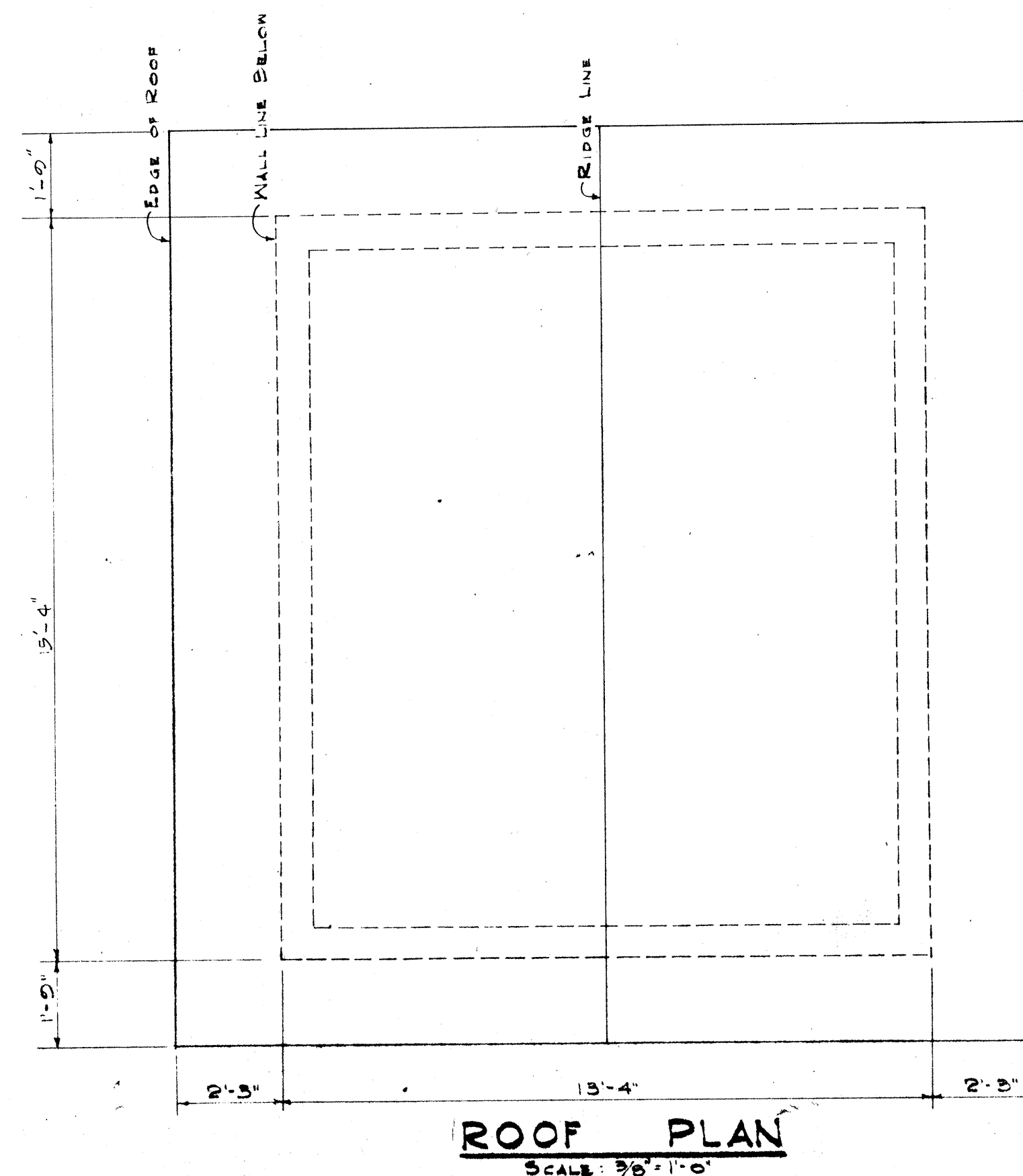
SECTION AT A-A
SCALE: 3/8"=1'-0"



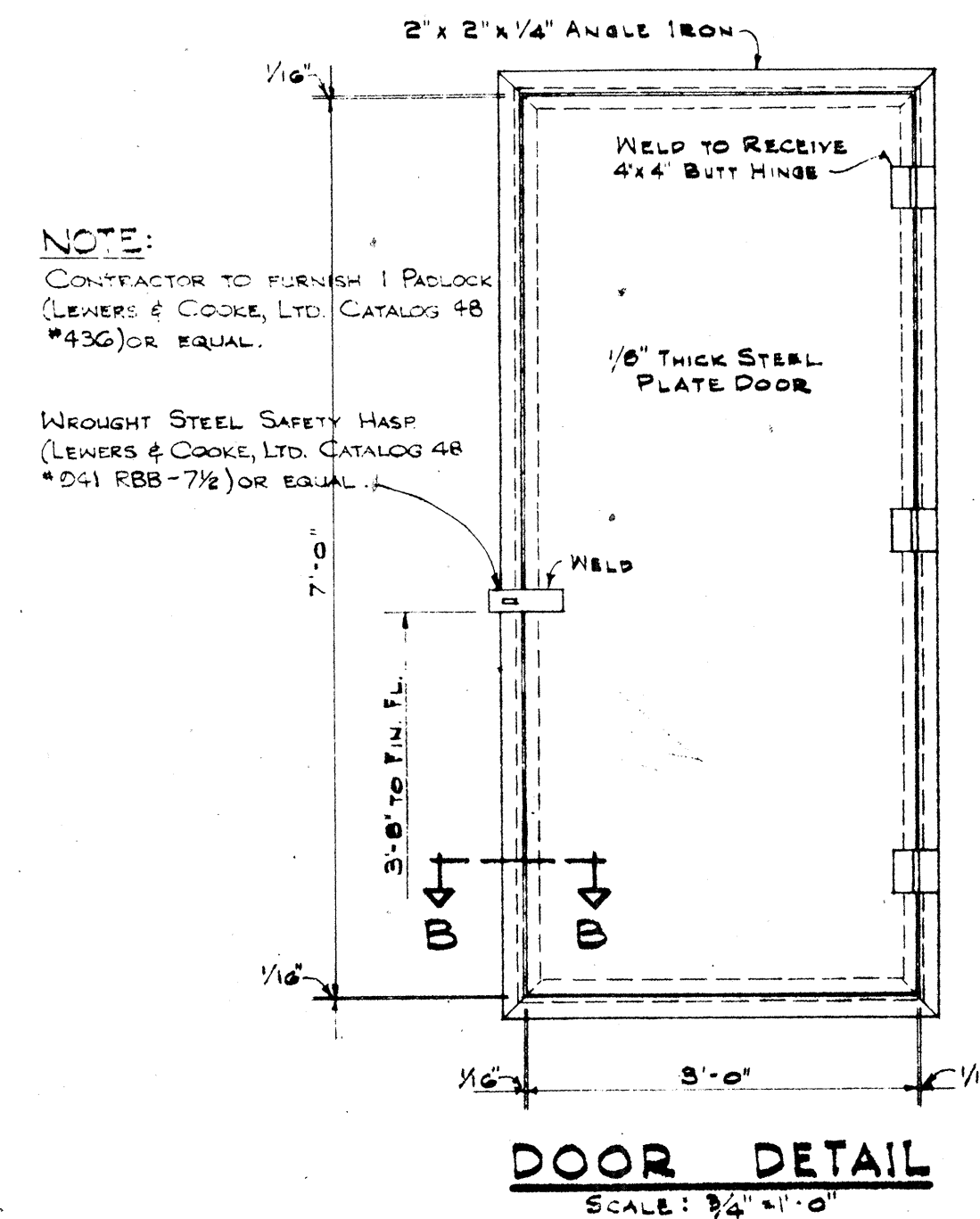
LOUVER DETAIL
SCALE: 3/4"=1'-0"



FLOOR PLAN
SCALE: 3/8"=1'-0"

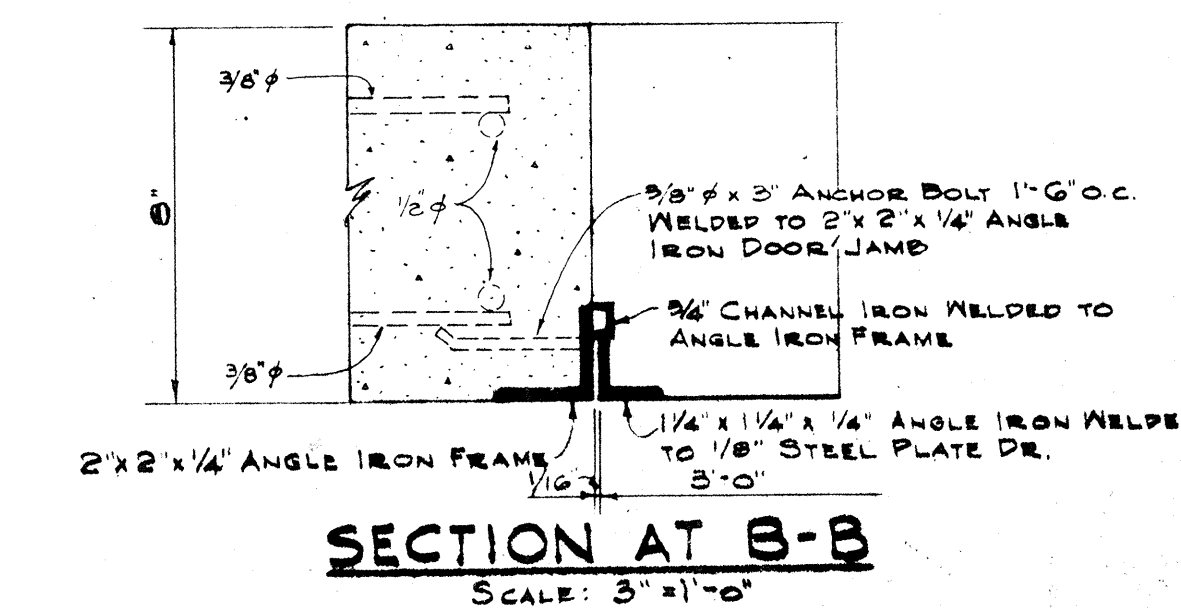


ROOF PLAN
SCALE: 3/8"=1'-0"

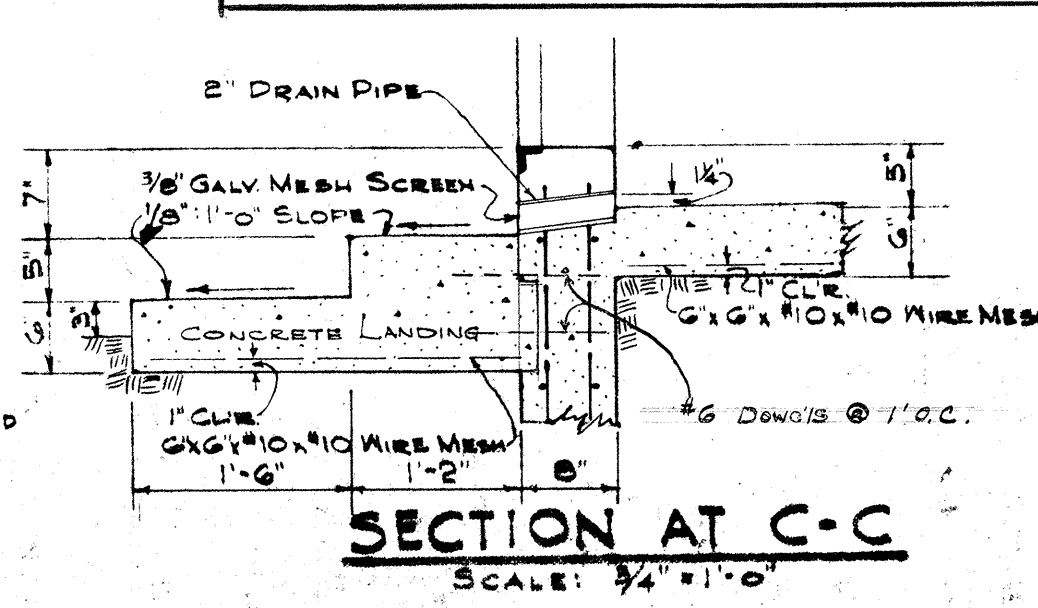


DOOR DETAIL
SCALE: 3/4"=1'-0"

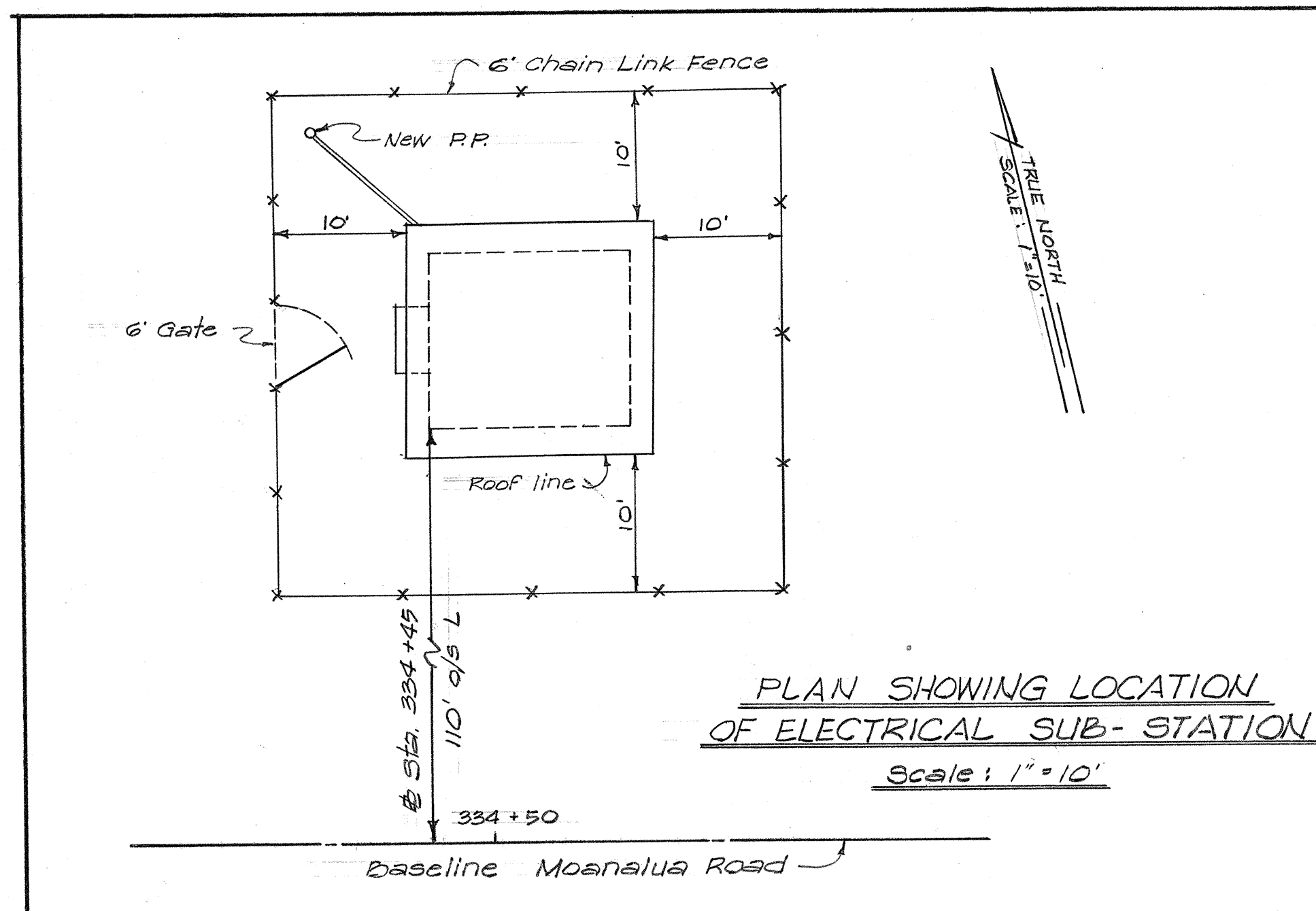
NOTE:
CONTRACTOR TO FURNISH 1 PULL LOCK (LEWERS & COOKE, LTD. CATALOG 48 #430) OR EQUAL.
WROUGHT STEEL SAFETY HASP (LEWERS & COOKE, LTD. CATALOG 48 #24) RBB-7 1/2" OR EQUAL.



SECTION AT B-B
SCALE: 3/4"=1'-0"



SECTION AT C-C
SCALE: 3/4"=1'-0"



PLAN SHOWING LOCATION OF ELECTRICAL SUB-STATION
SCALE: 1"=10'

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

**HIGHWAY LIGHTING SYSTEM
DETAILS OF SUB-STATION**

MOANALUA ROAD
PROJ. NO. 5-0720(1) - UNIT 2

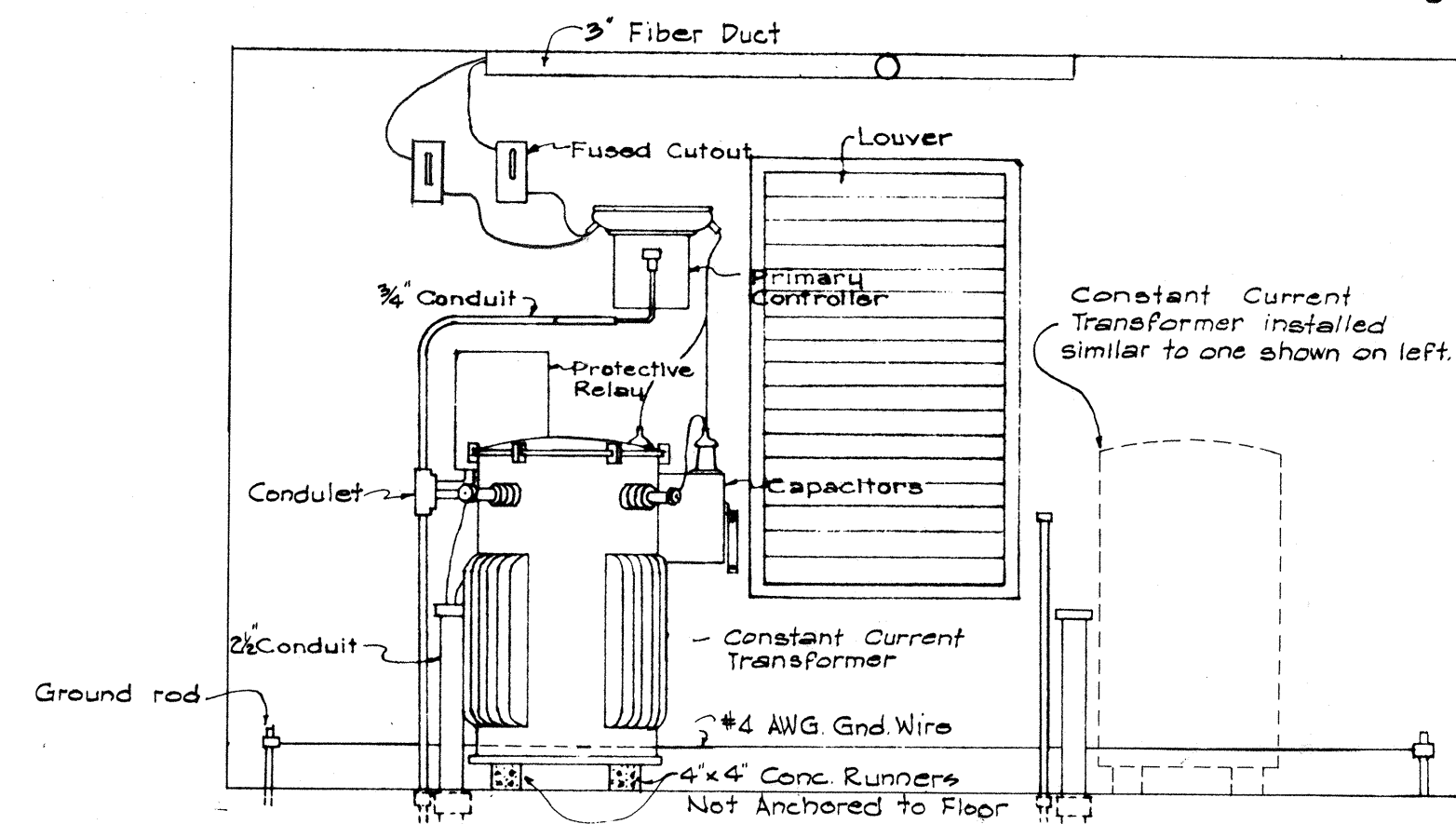
Scale: As Noted March 1958
SHEET NO. 5 OF 6 SHEETS

5444.39

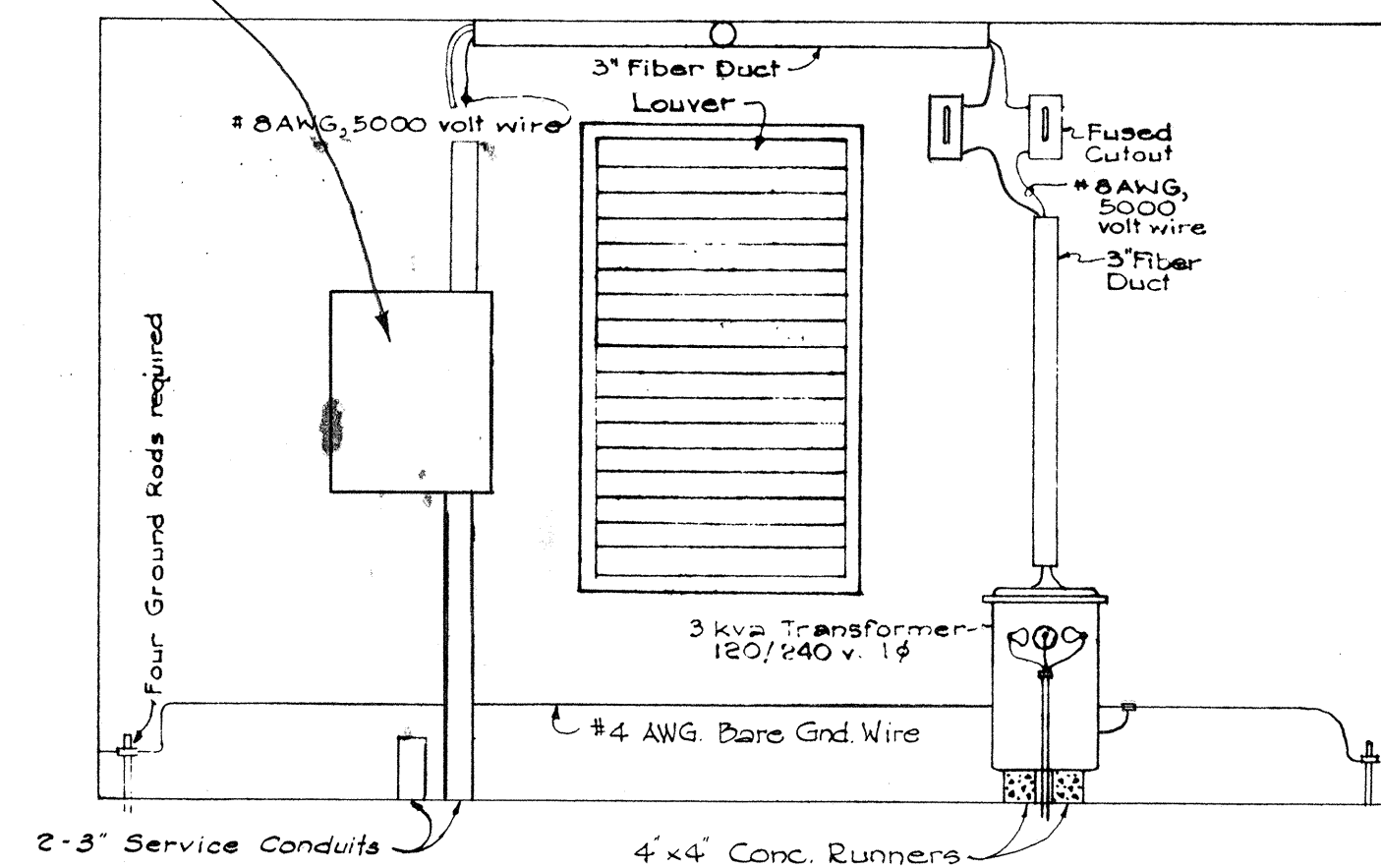
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	5-0720(1)	1958	40	102

NOTE:
All taps from 2400 volt bus to equipment to be #8 AWG, 6000-7000 volt wire

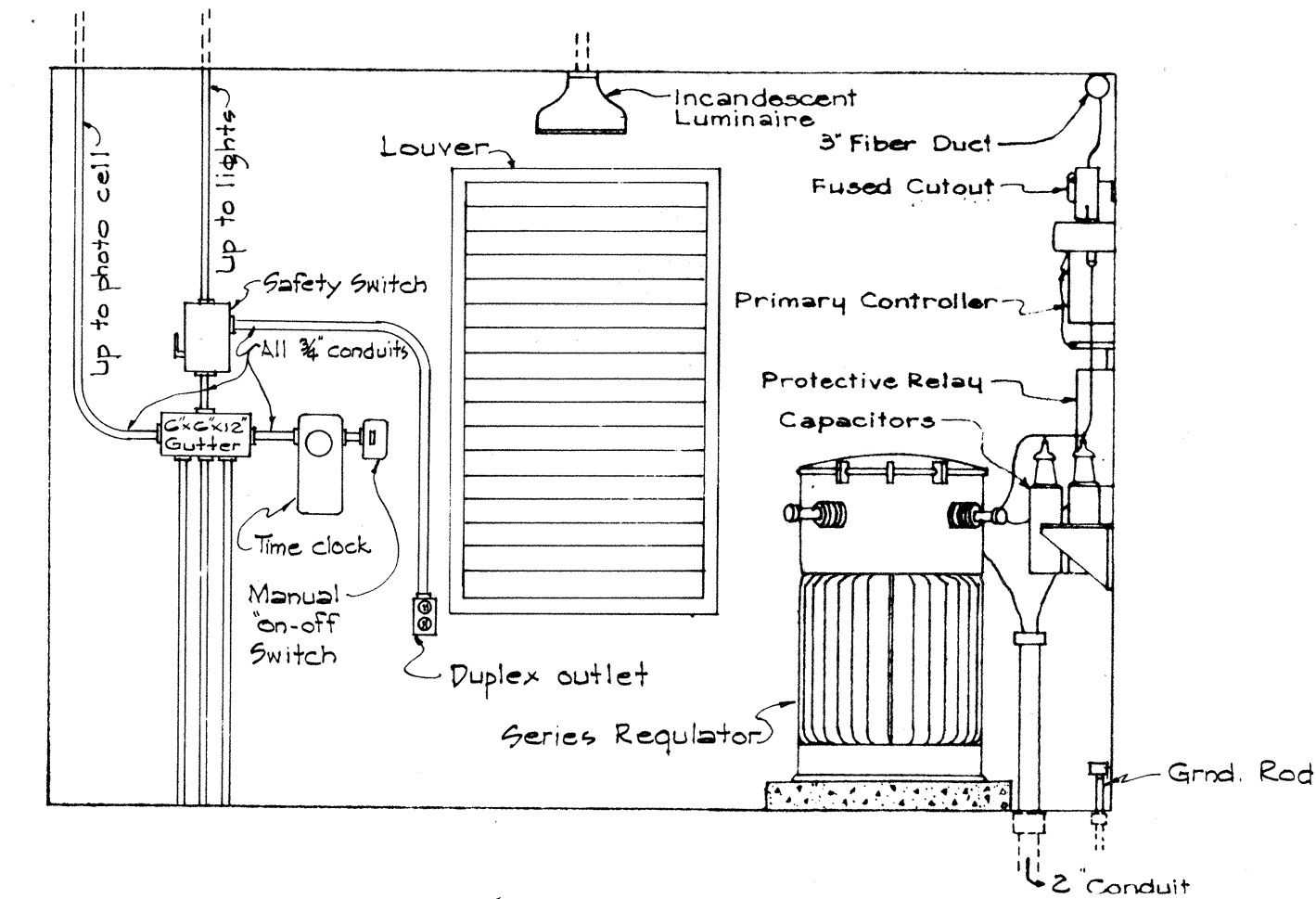
Contractor to provide and install Metering Can in accordance with H.E. Co. DWG. #U-41102



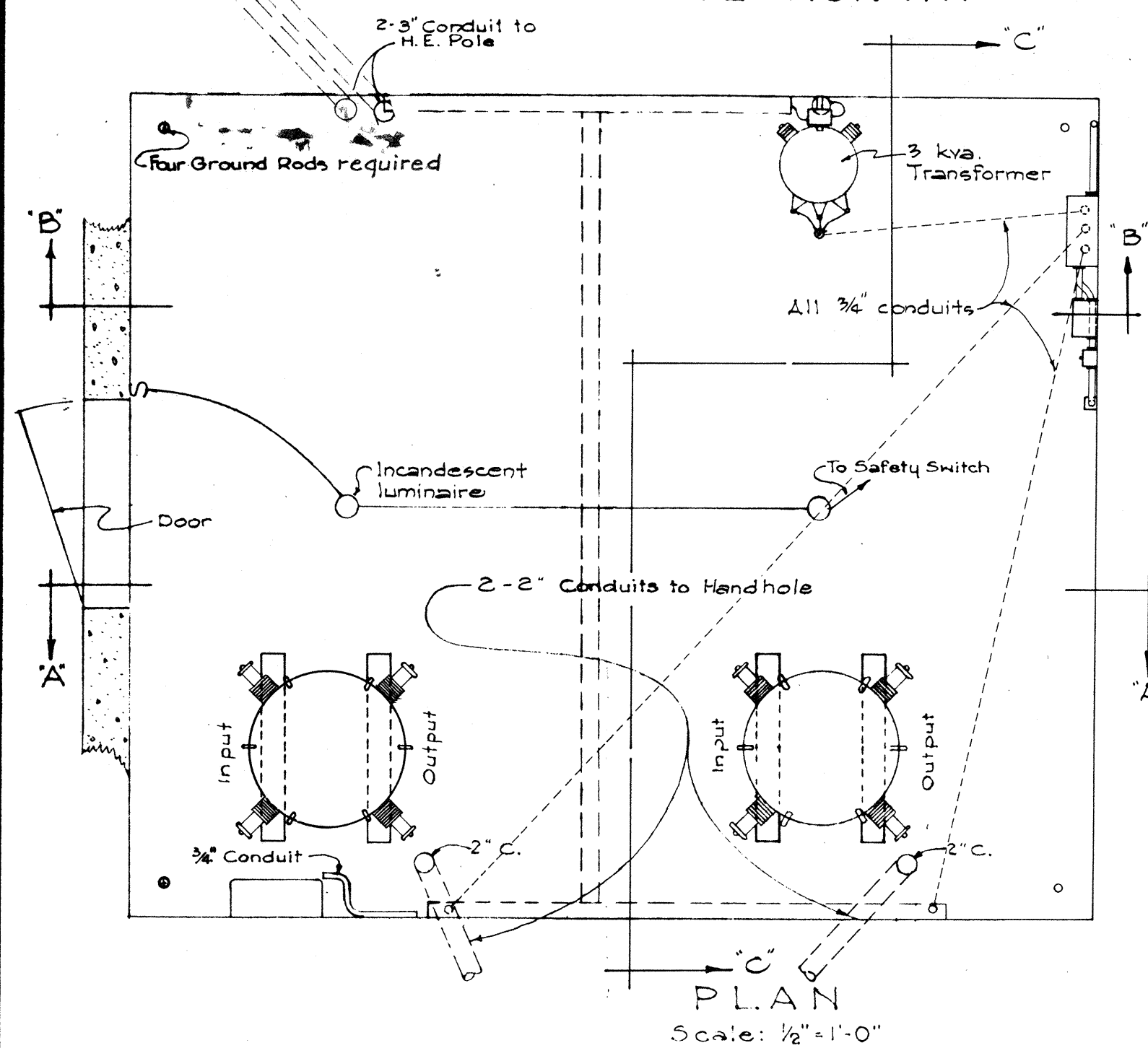
SECTION "A-A"



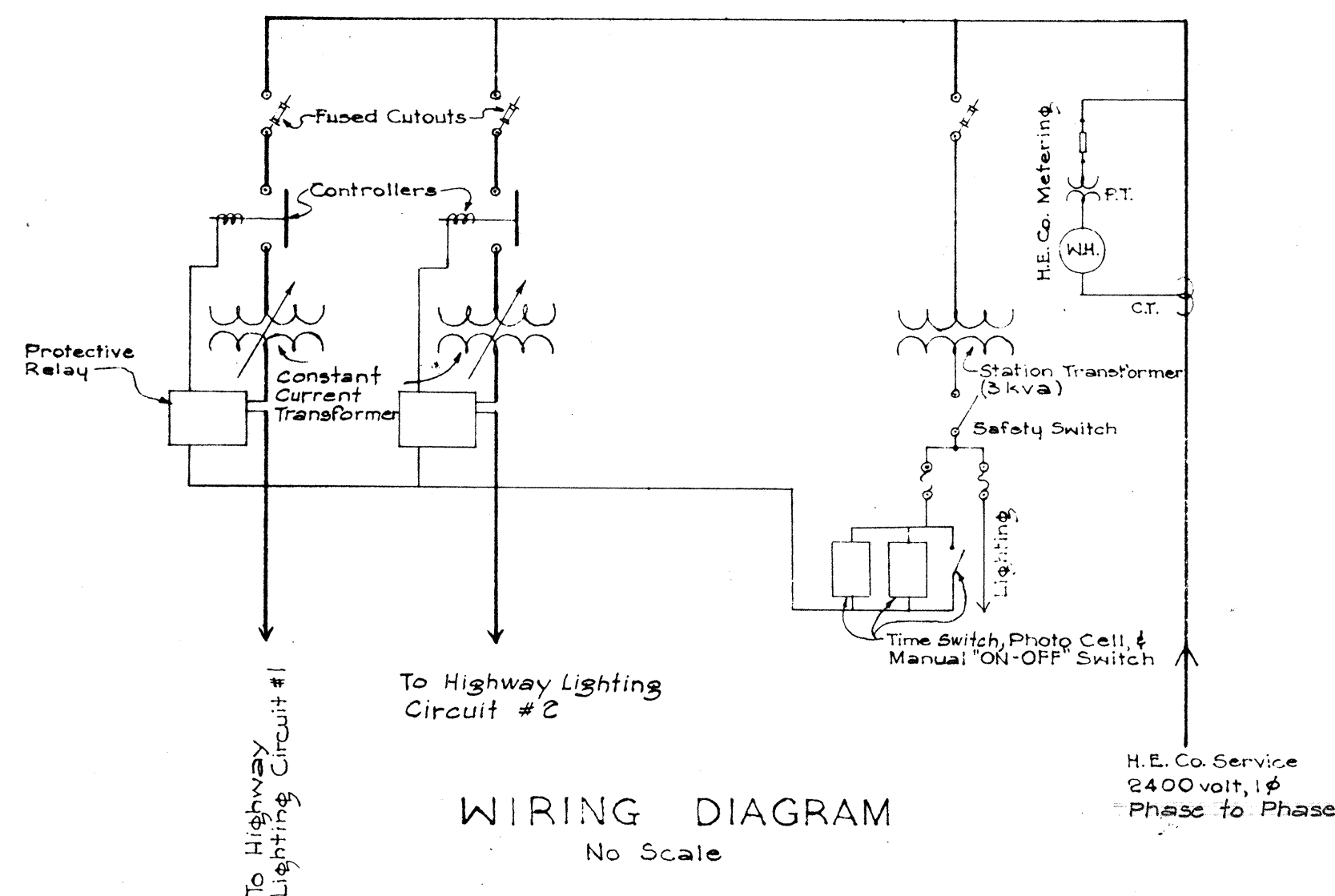
SECTION "B-B"



SECTION "C-C"



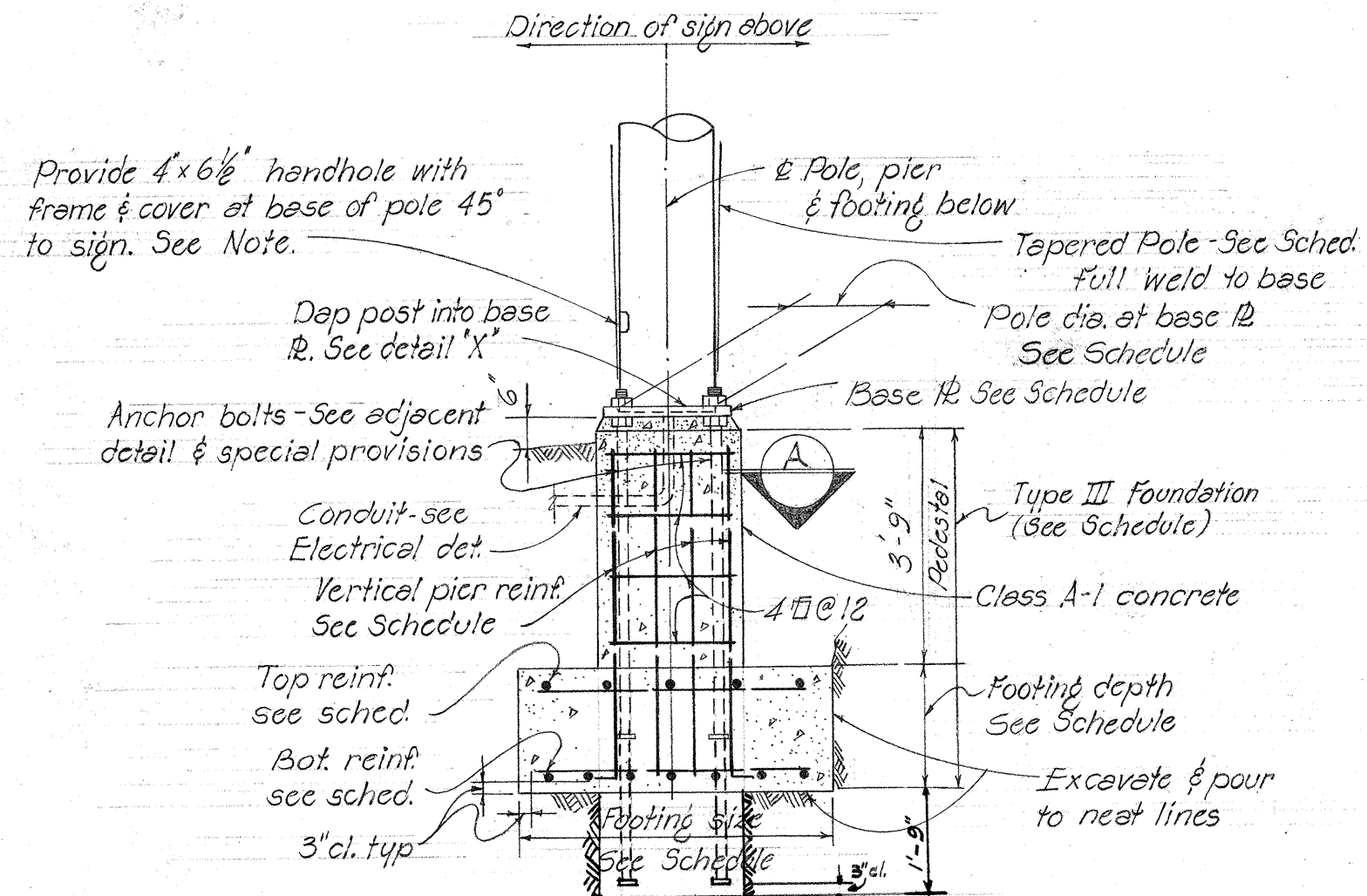
PLAN
Scale: 1/2" = 1'-0"



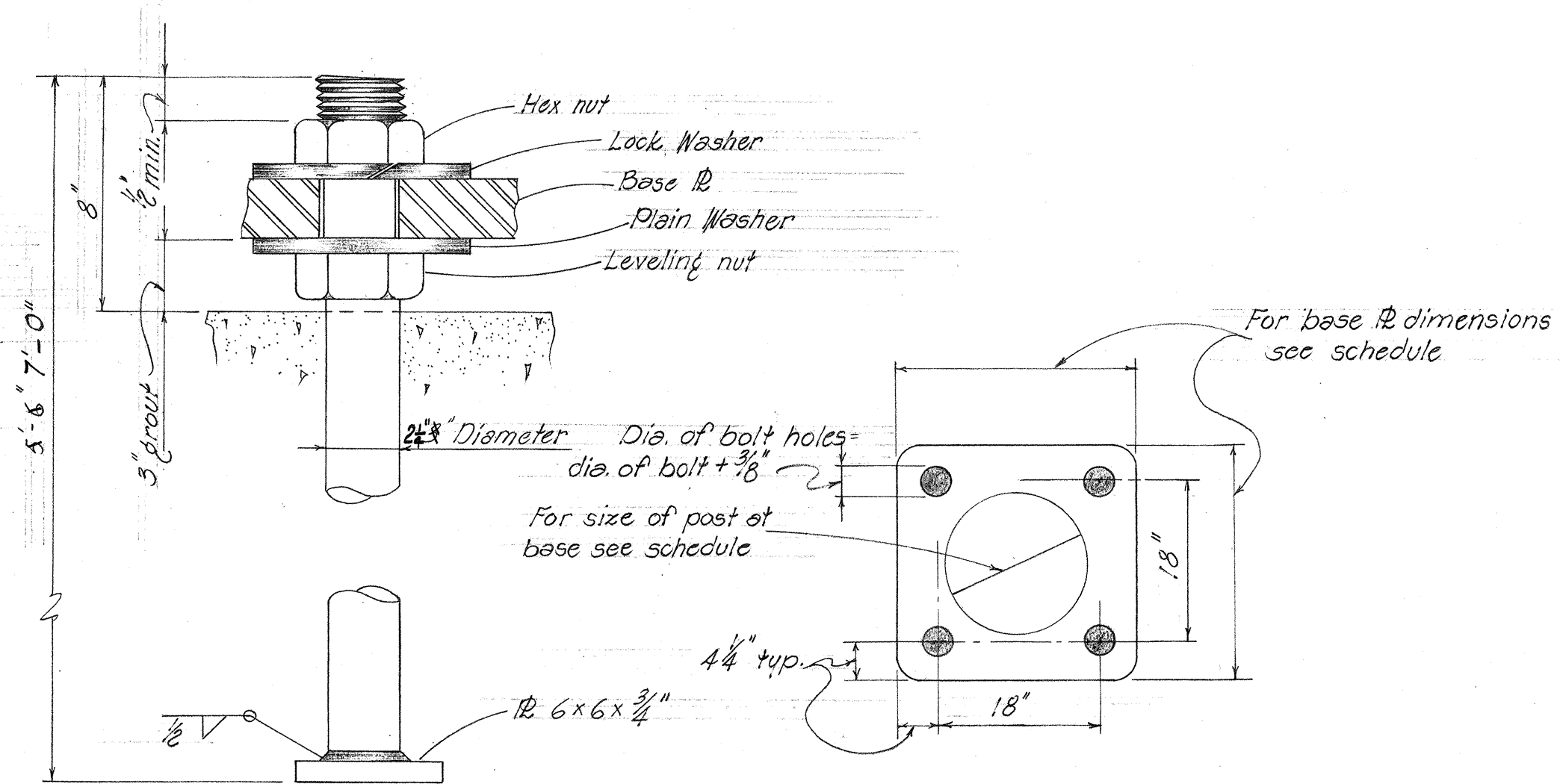
WIRING DIAGRAM
No Scale

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
HIGHWAY LIGHTING SYSTEM
EQUIPMENT LAYOUT
IN SUB-STATION
MOANALUA ROAD
PROJ. NO. S-0720(1) - UNIT 2
Scale: As Noted
March 1958
SHEET NO. 6 OF 6 SHEETS

5444.40

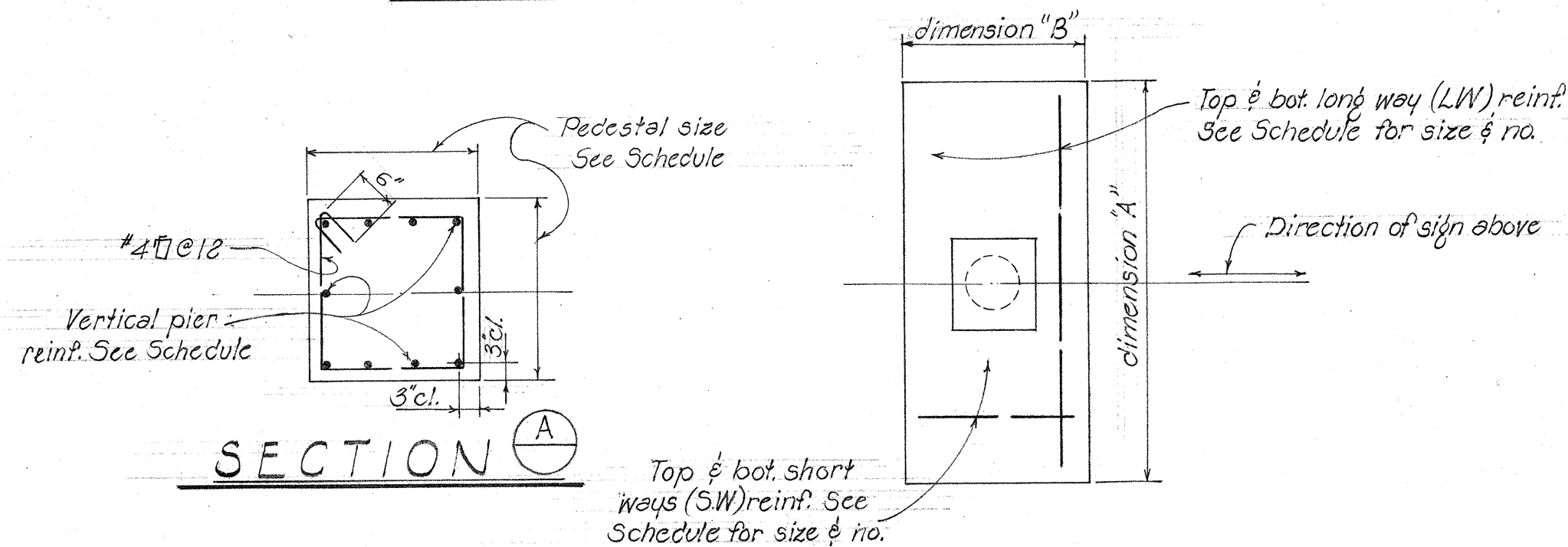


TYPICAL POLE FOUNDATION DETAIL



ANCHOR BOLT - 4 REG'D

ANCHOR BOLT PLAN



SECTION A

TYP. FOOTING PLAN

FOUNDATION SCHEDULE

TYPE	DIMENSION		DEPTH	BOT. REINF.		TOP REINF.		PEDESTAL	
	A	B		L.W.	S.W.	L.W.	S.W.	SIZE	VERT. REINF.
III	10'-0"	5'-0"	2'-0"	5 #8	11 #4	#4 @ 12 EA. WAY		2'-6" x 2'-6"	10 #8

REVISED FOUNDATION FOR FUTURE DESTINATION SIGN

STA. 326+40.00

MOANALUA ROAD UNIT 2

Proj. No S-0720(1) APRIL 1960

5444.40A