

NOTE.

- 1.- For Detail of Extra Reinforcing of Walls See Sheet ____
- 2.- Standard to be mounted on top of Walls shall be anchor base standards, and the base shall not exceed $11\frac{1}{2}$ " square with bolt circle not over 11" in Diameter.

80

-8-58

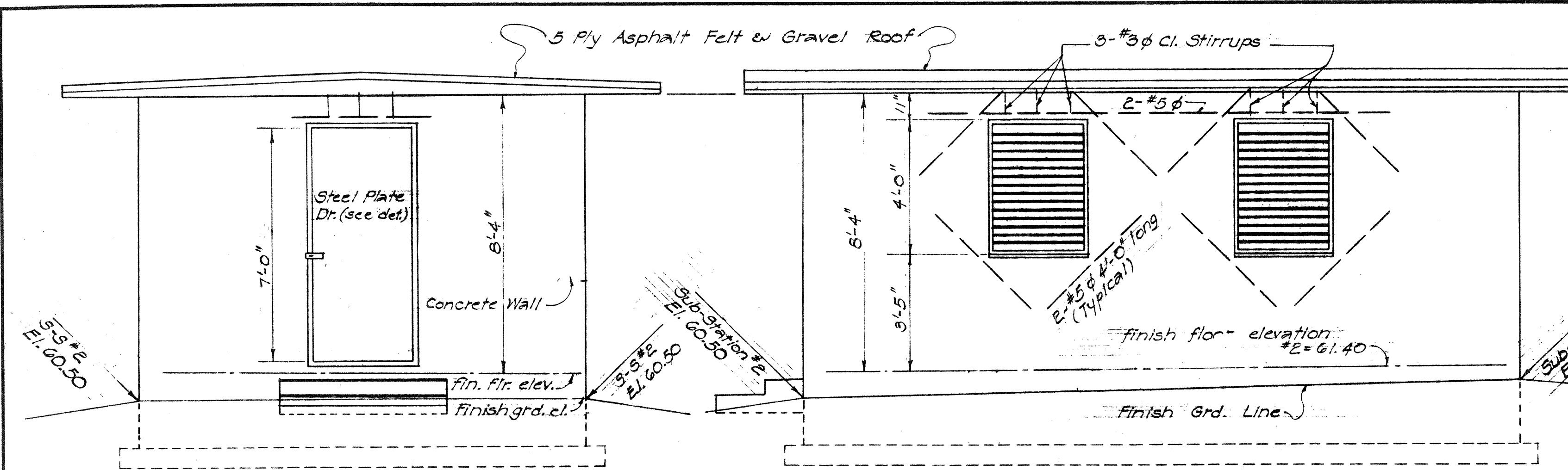


21

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Run Copyflex (Type 20) @ 1 3/8

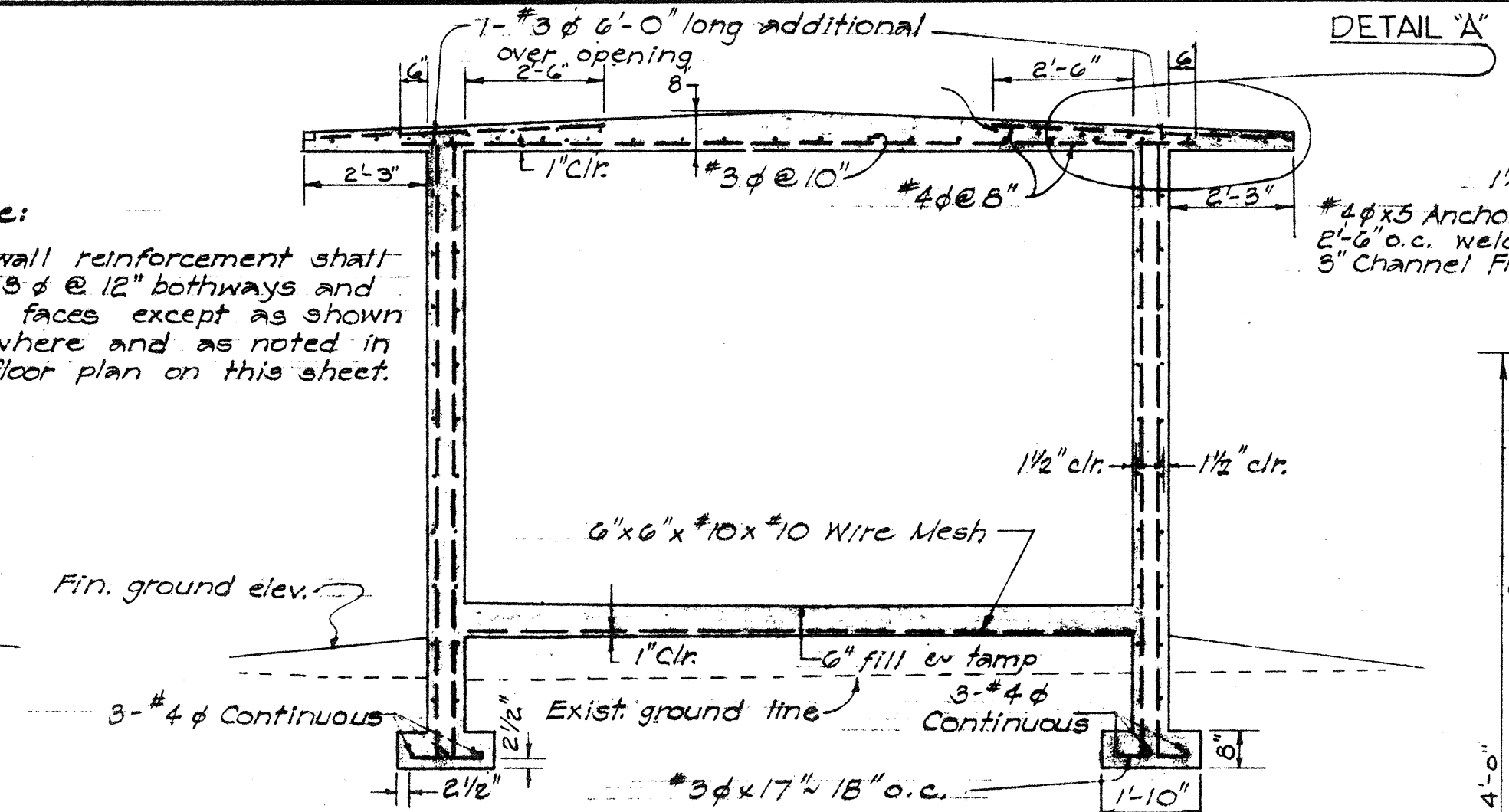
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1072-1(7)	HAWAII	1072-1(7)	1958	66	80
		US-0630(2)	1958	80	103



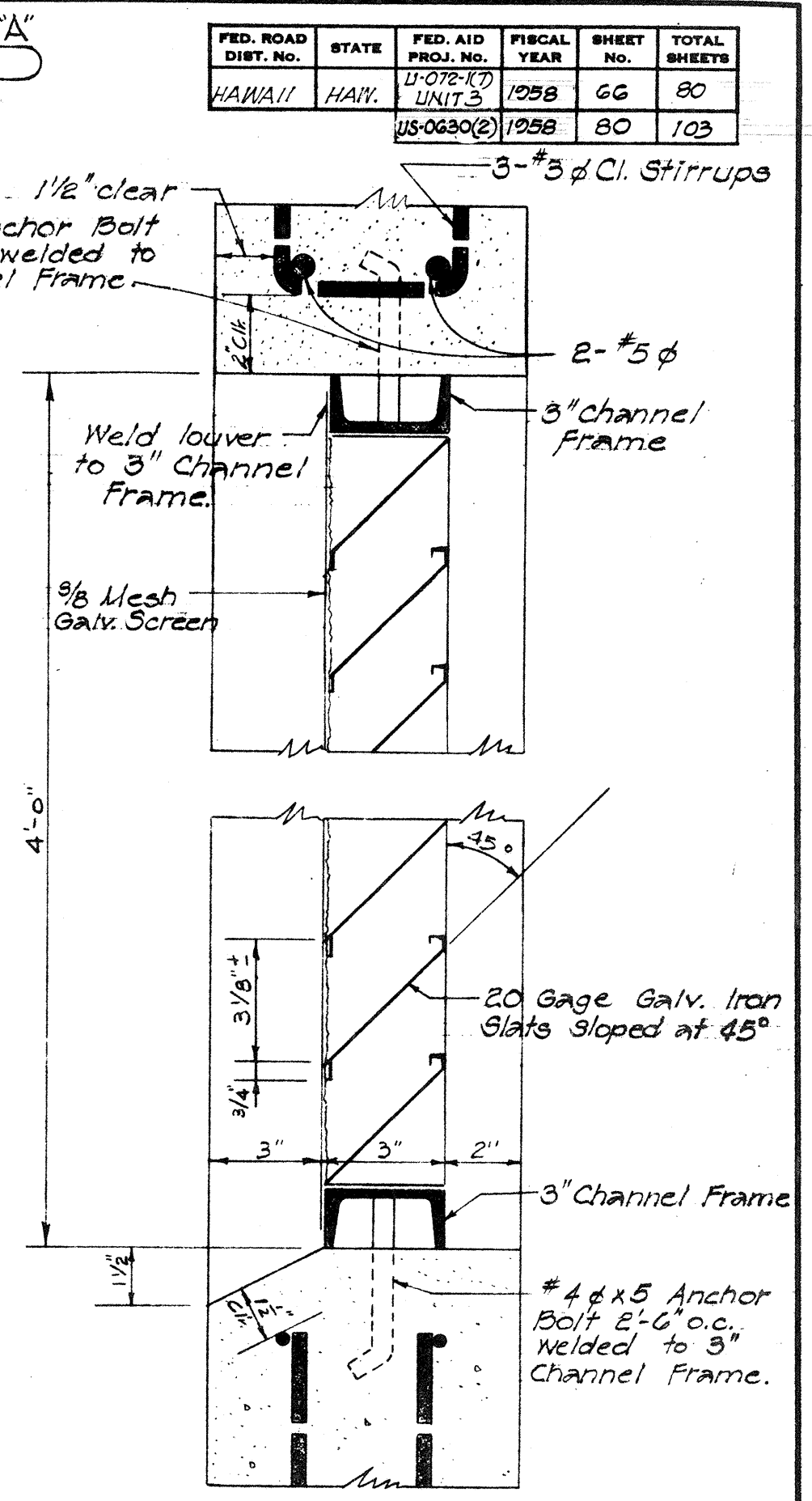
FRONT ELEVATION
Scale: 3/8"=1'-0"

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

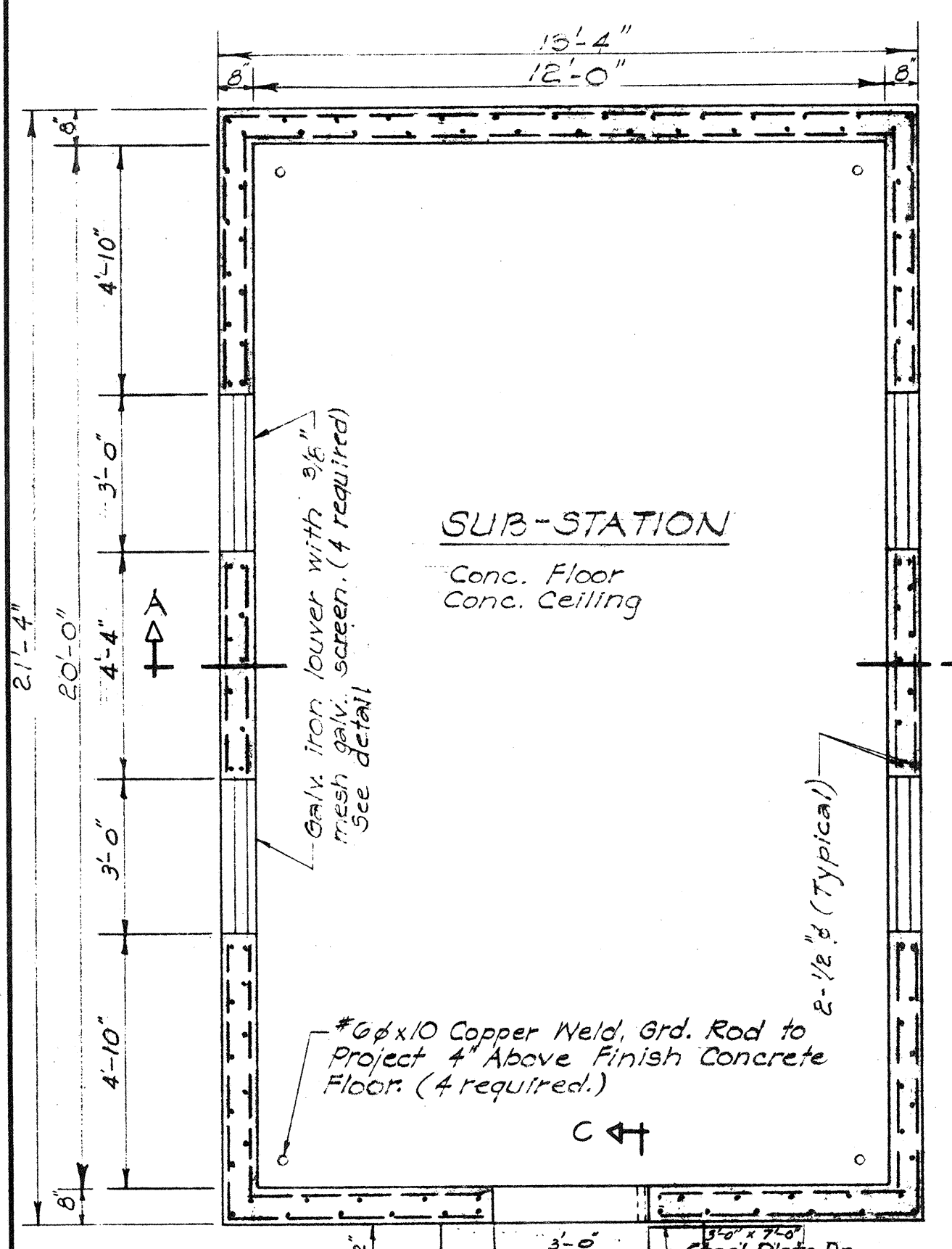
Note:
All wall reinforcement shall be #5 @ 12" bothways and both faces except as shown elsewhere and as noted in the floor plan on this sheet.



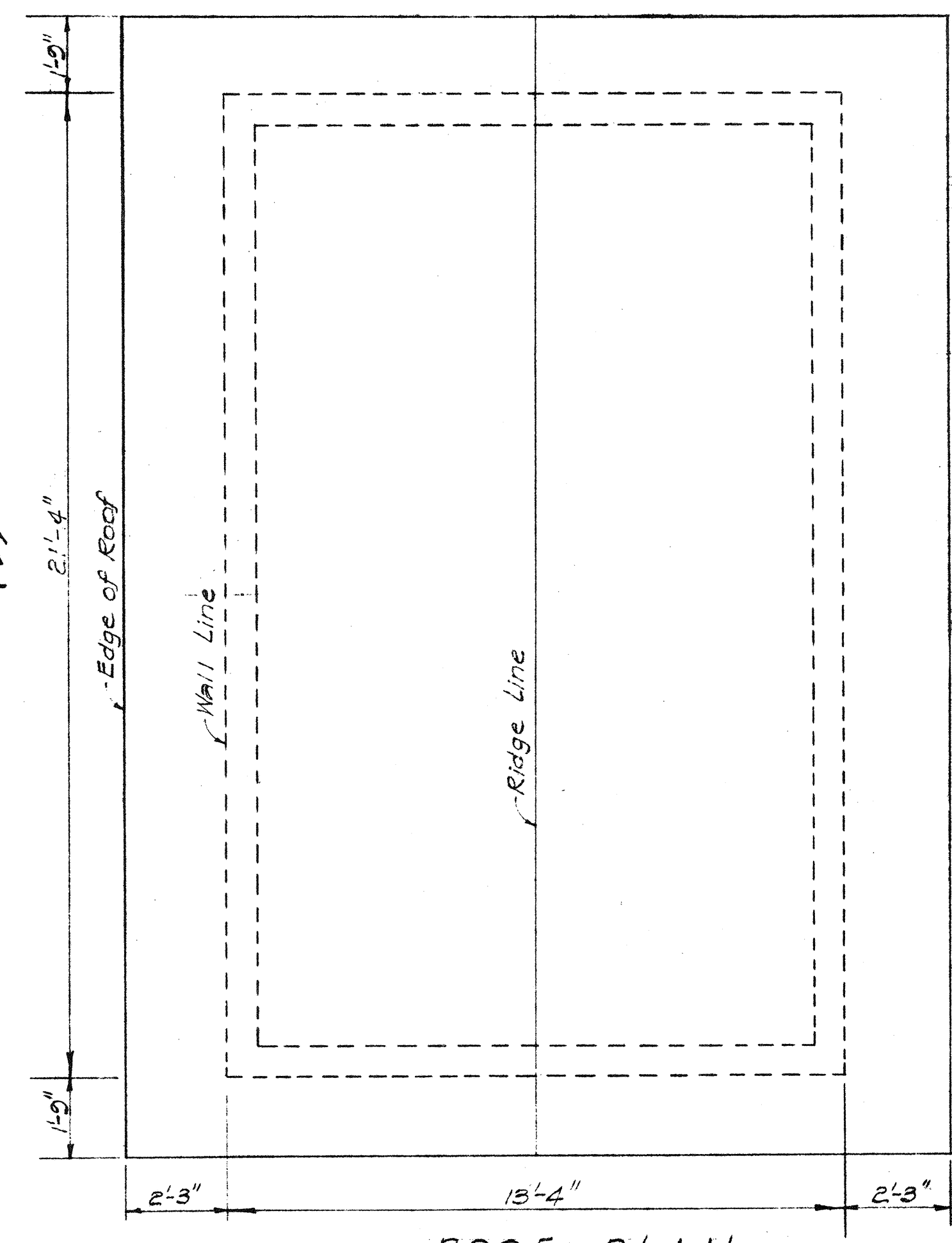
SECTION A-A
Scale: 3/8"=1'-0"



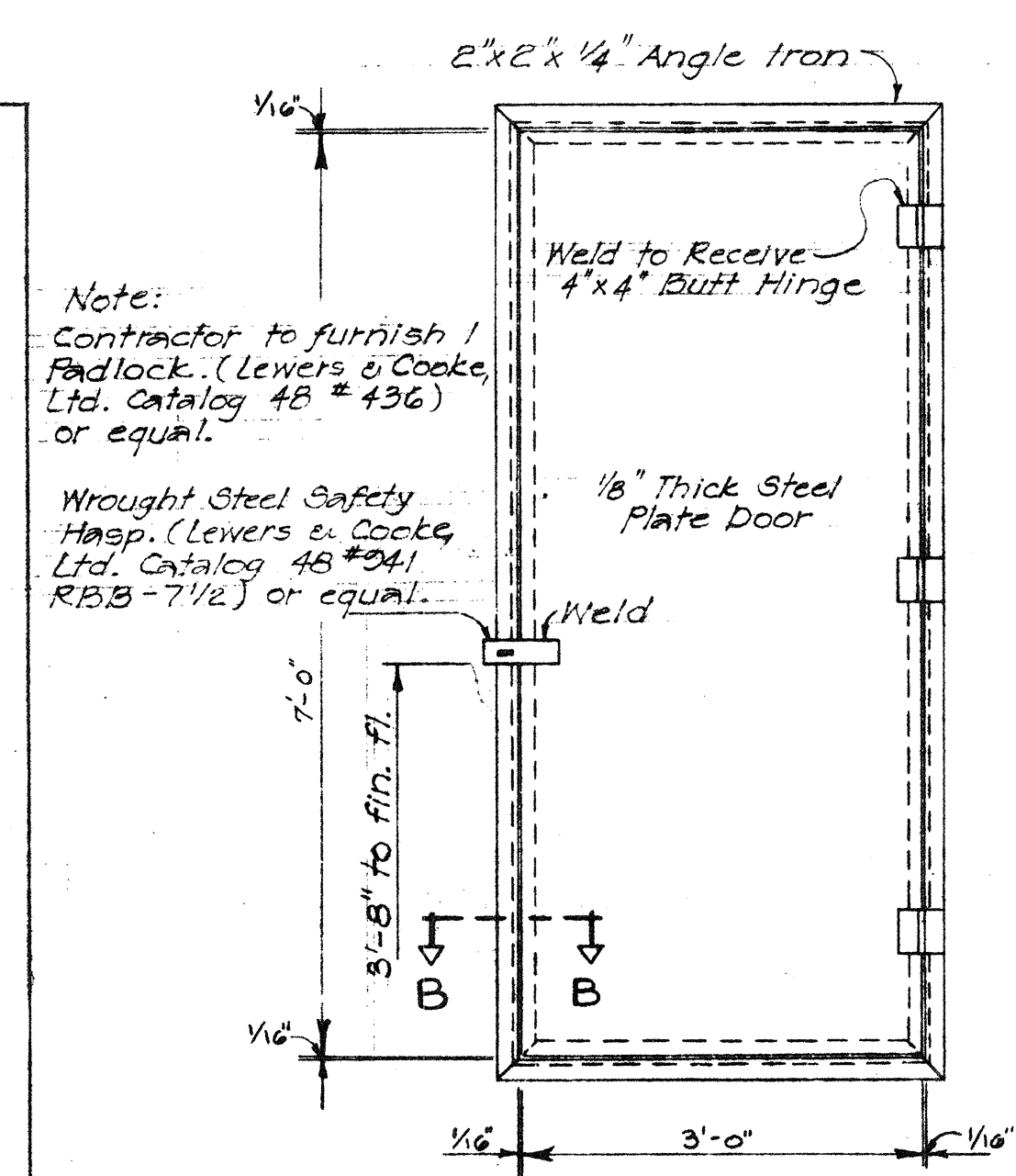
LOUVER DETAIL
Scale: 3/8"=1'-0"



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

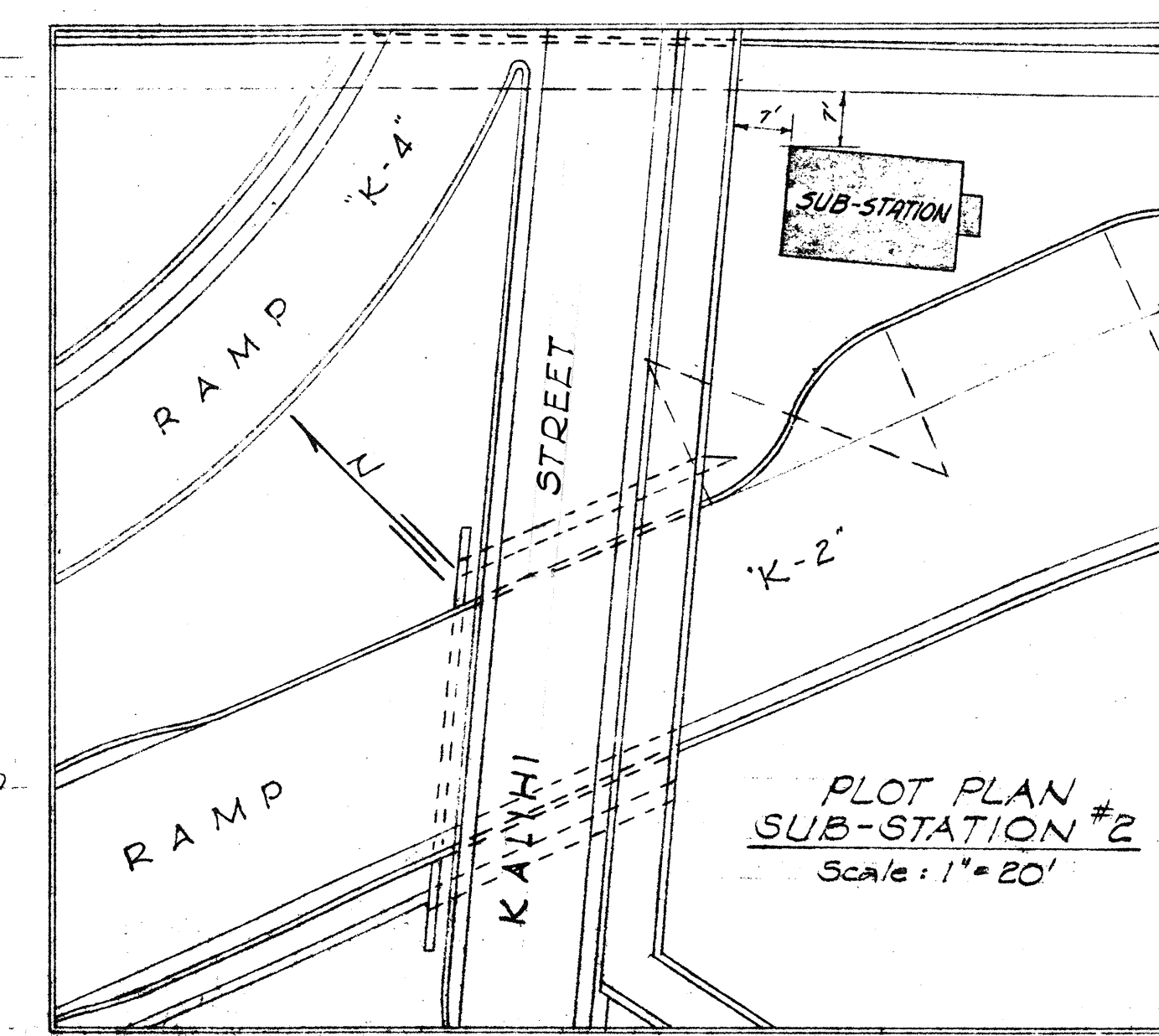


ROOF PLAN
Scale: 3/8"=1'-0"

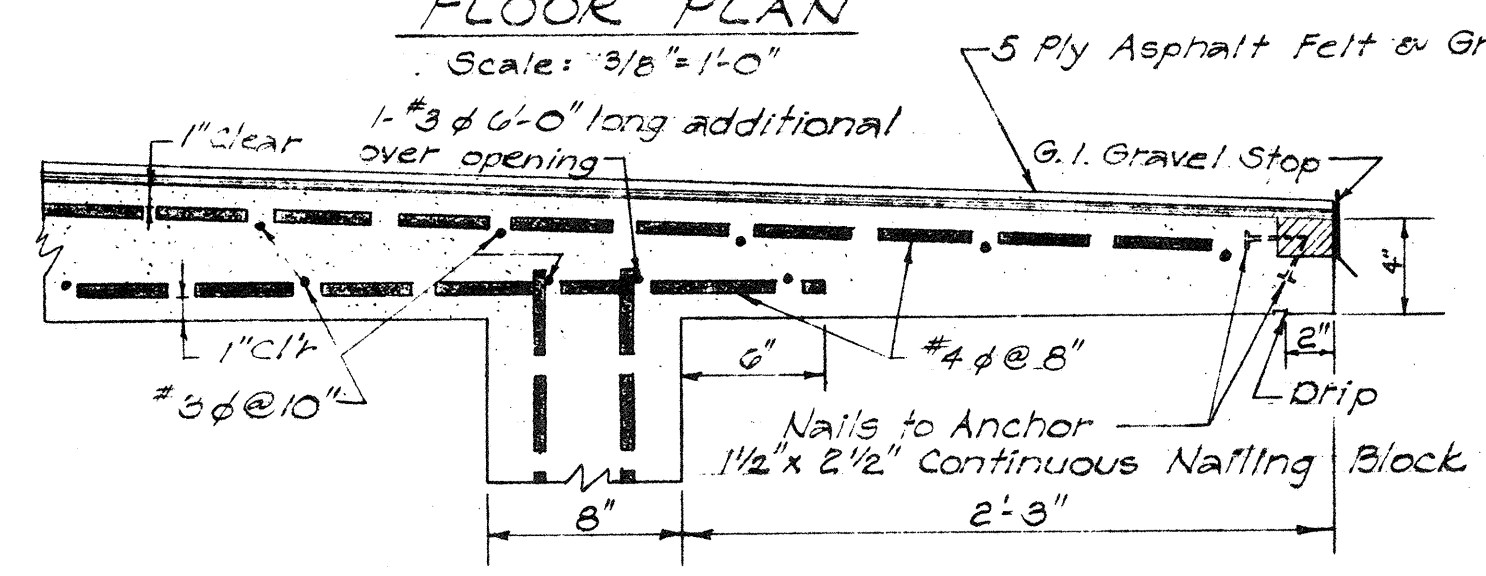


DOOR DETAIL
Scale: 3/4"=1'-0"

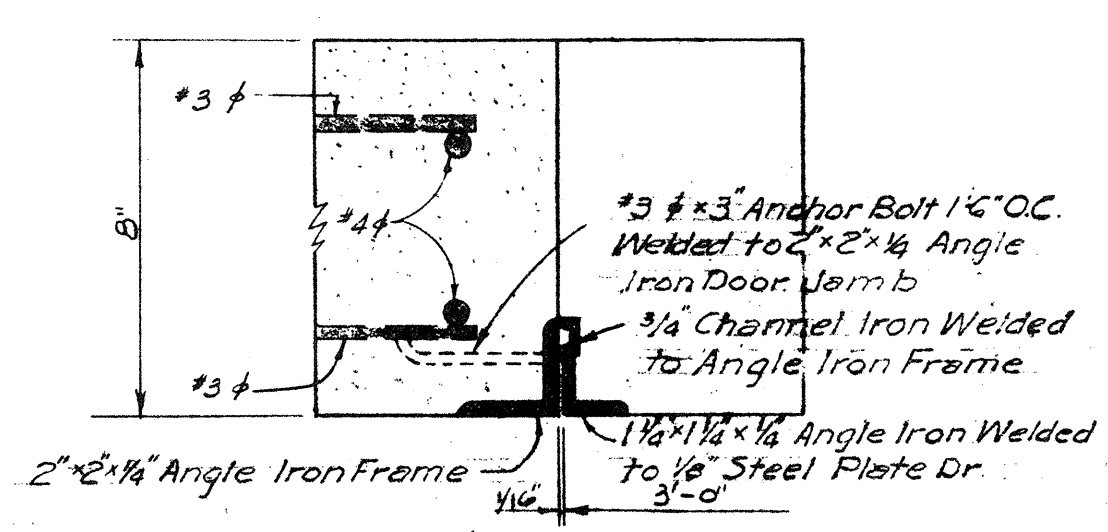
Note:
All concrete shall be Class "A-1" unless otherwise noted. All exposed exterior surfaces of concrete walls and roof shall be given "Class B" rubbed finish.



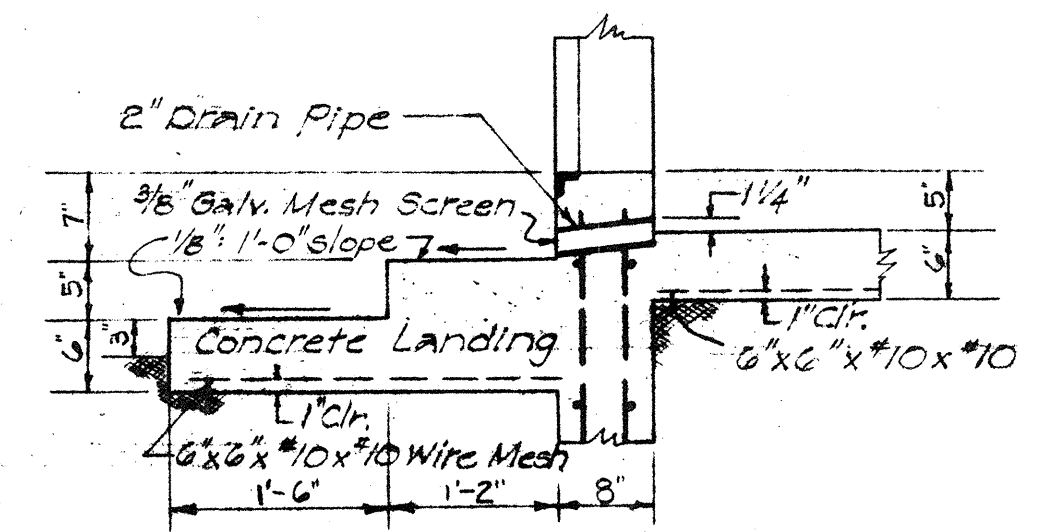
PLOT PLAN SUB-STATION #2
Scale: 1"=20'



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



SECTION B-B
Scale: 3/8"=1'-0"



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



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Civil and Structural Engineers

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
ELECTRICAL SUB STATIONS
LOCATION PLAN & DETAILS

LUNALILO FREEWAY U-072-1(7) UNIT 3
KALIHI STREET US0630(2)

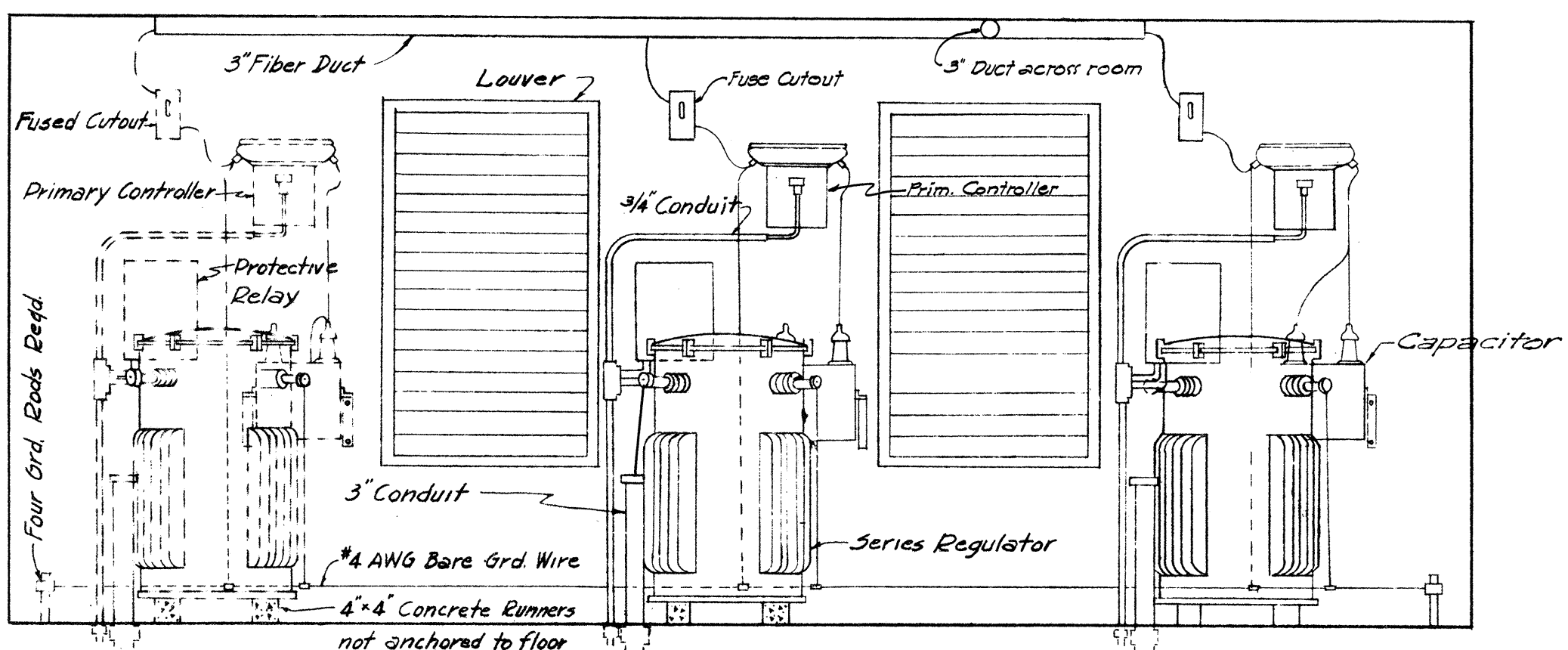
SHEET No. 1 OF 4 SHEETS

SURVEY PLOTTED BY	DATE
ORIGINAL PLAN	12-26
TRACED BY	12-26
QUANTITIES CHECKED BY	
NOTE BOOK	
NO.	

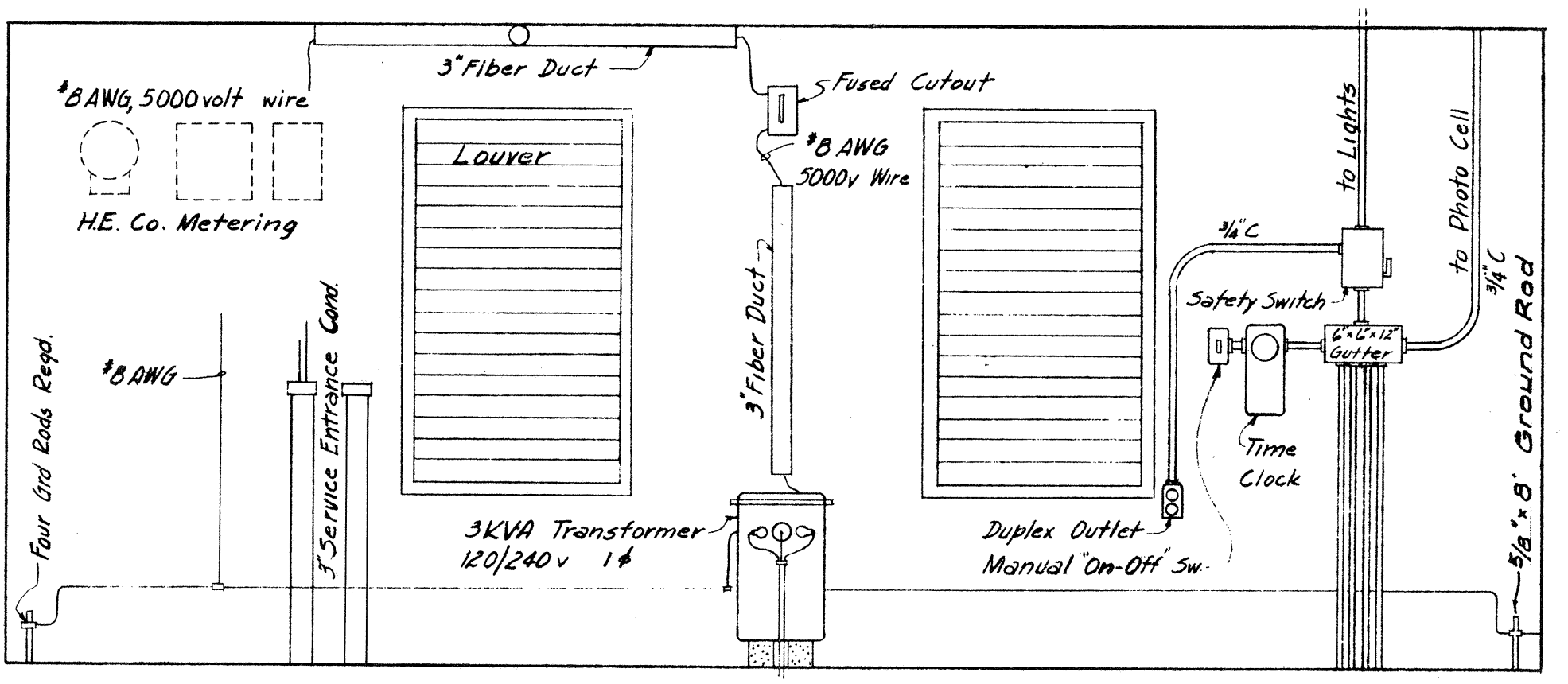
5983.66 5984.80

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	U-072-1(7) UNIT 3	1958	67	80
		US 0630(2)	1958	81	103

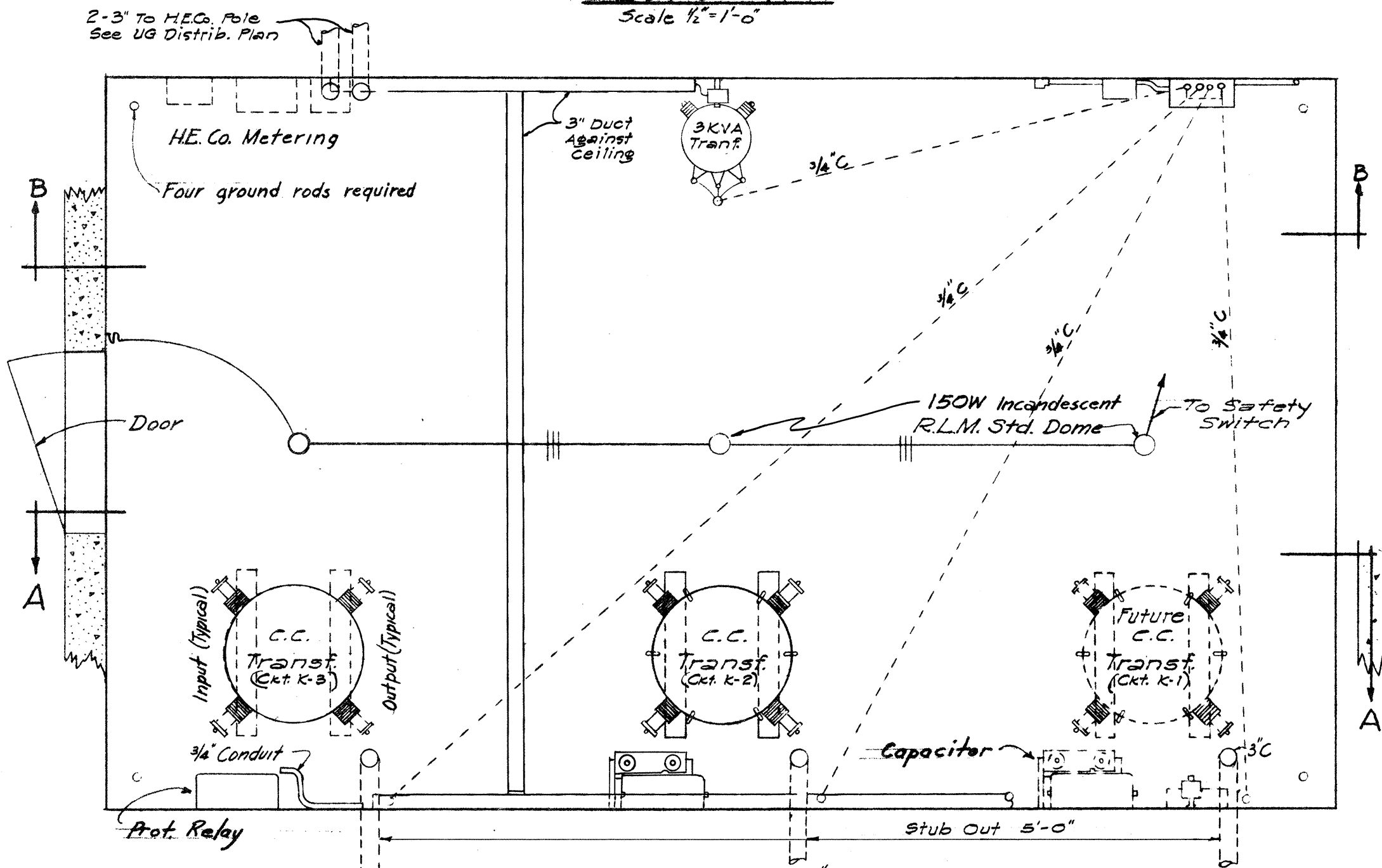
8-8-58



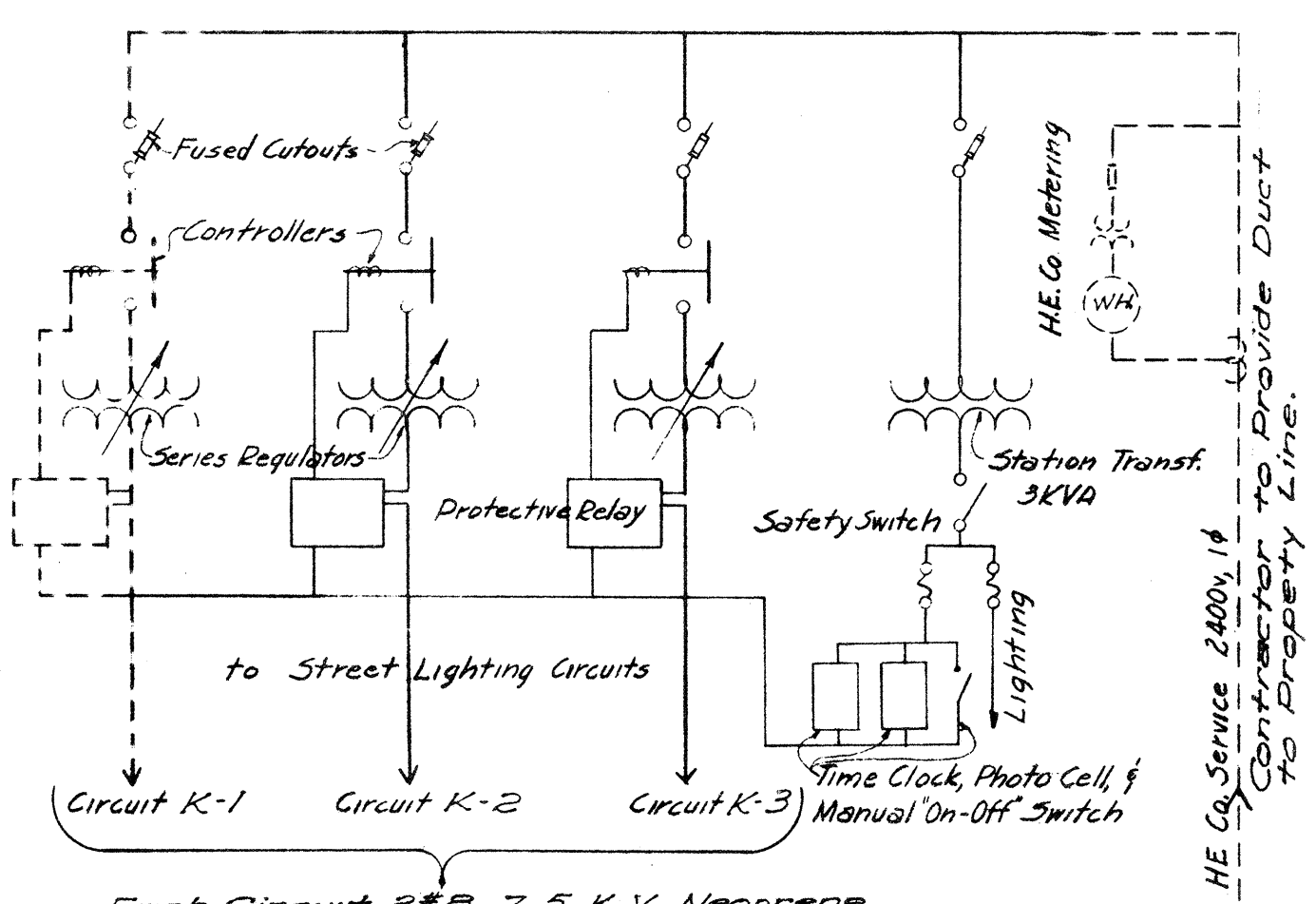
SECTION A-A
Scale 1/2"=1'-0"



SECTION B-B
Scale 1/2"=1'-0"



PLAN SUB-STATION #2
Scale 1/2"=1'-0"



WIRING DIAGRAM SUB-STATION #2
No Scale

SURVEY PLOTTED BY	DATE
PLAN	8-57
TRACED BY	8-57
QUANTITIES CHECKED BY	
CHECKED BY	

ORIGINAL PLAN NO.



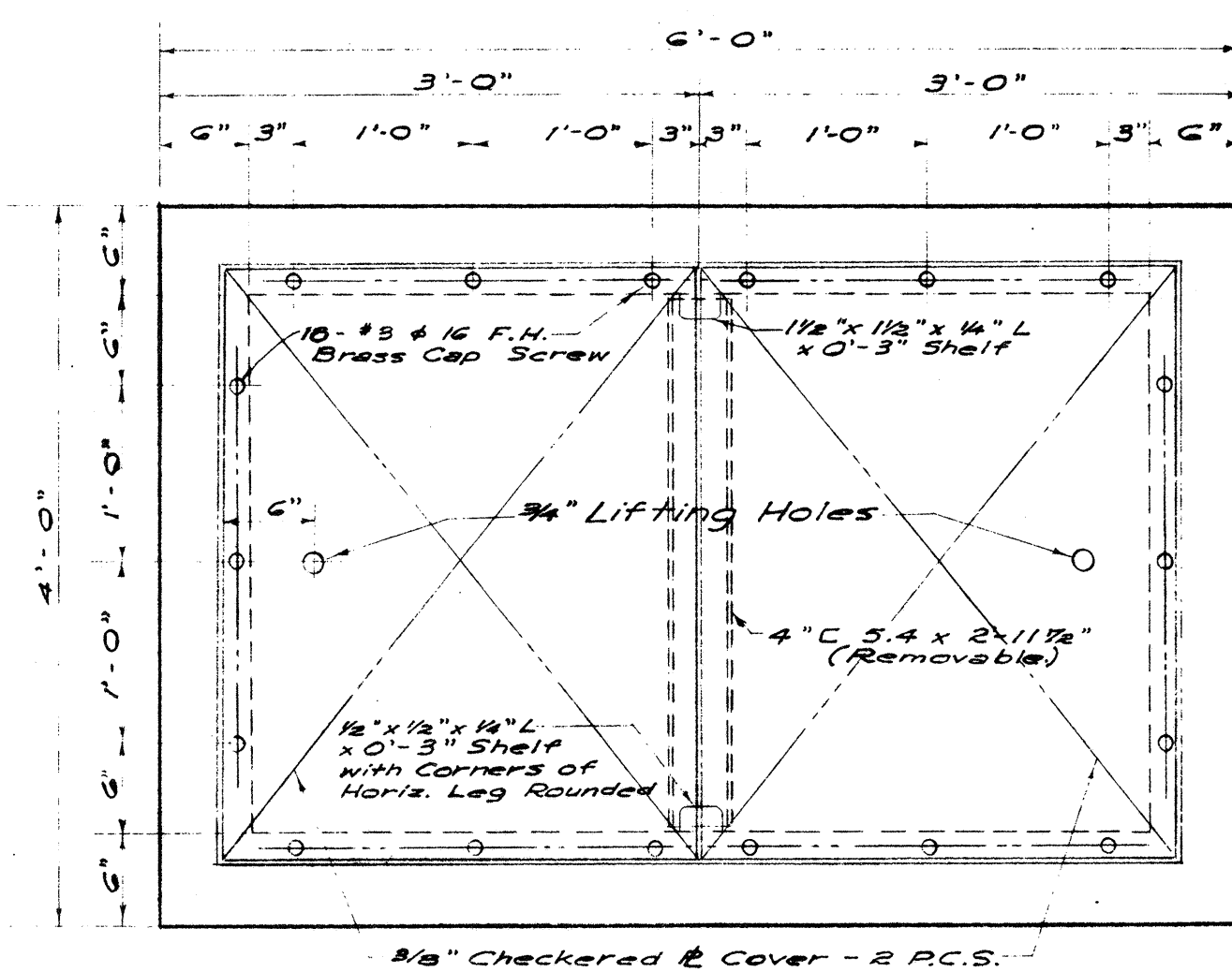
TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

ELECTRICAL DETAILS
SUB STATIONS

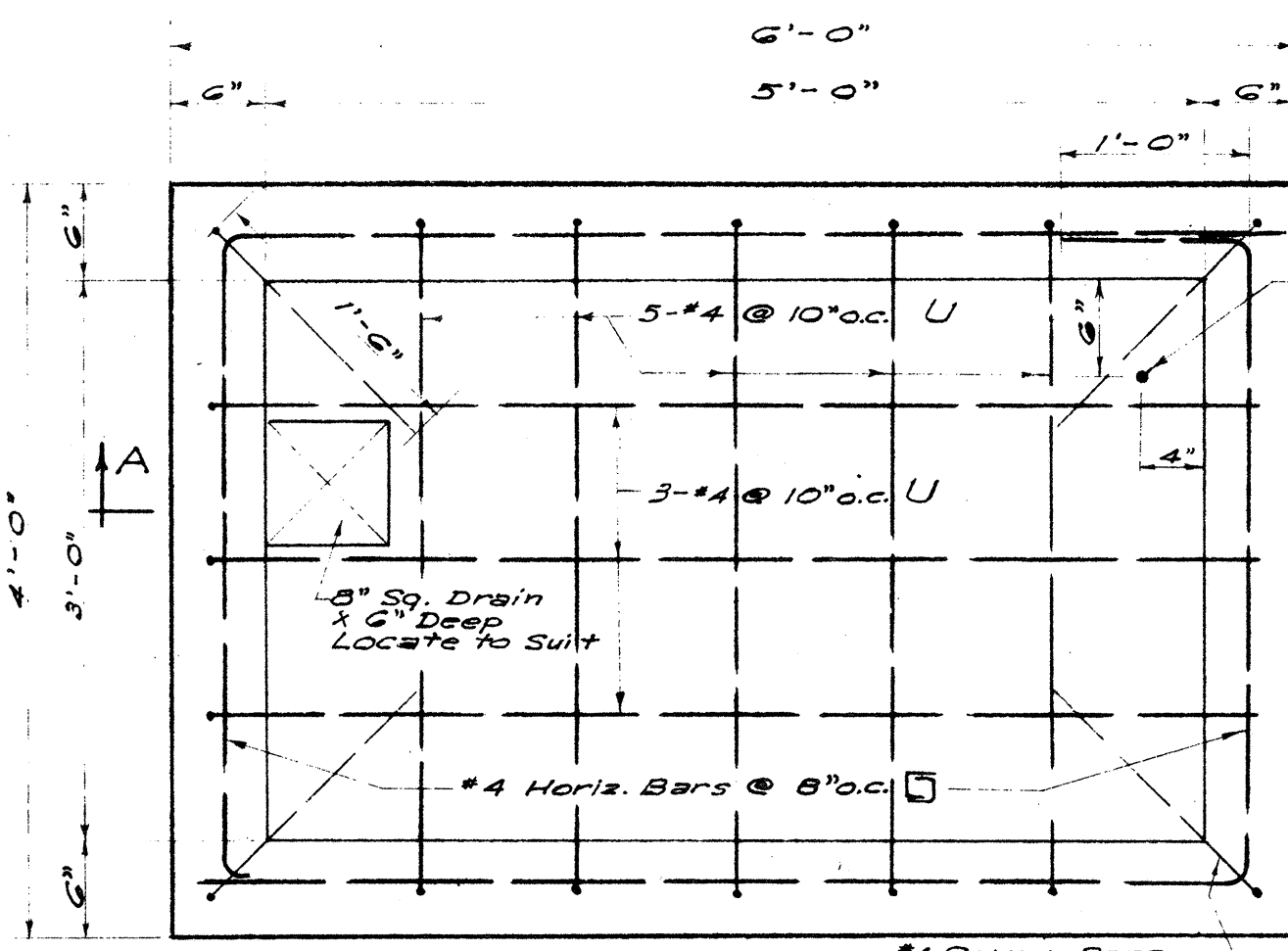
LUNALILO FREEWAY U-072-1(7) UNIT 3
KALIHI STREET US 0630(2)

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Civil and Structural Engineers

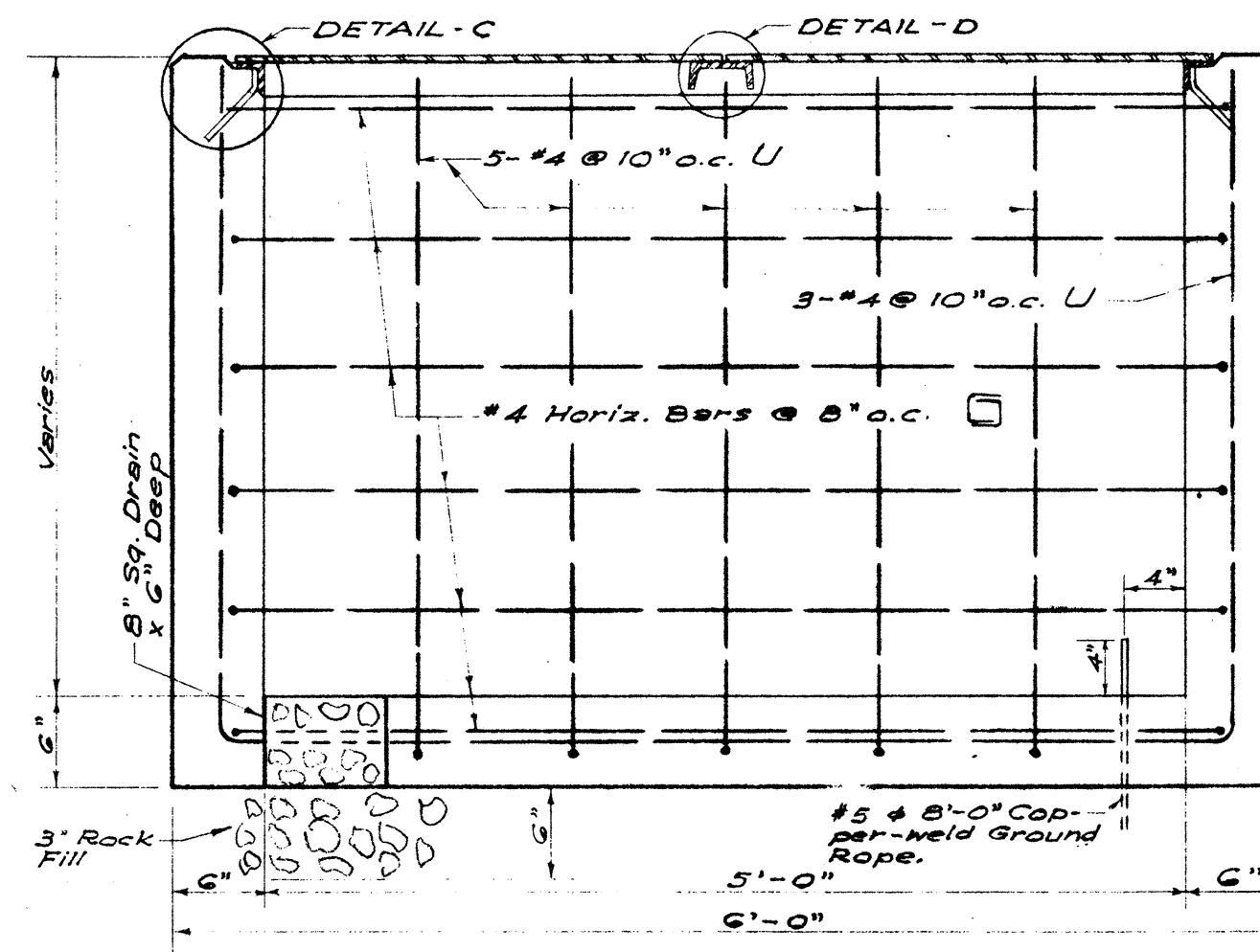
SURVEY PLOTTED BY	DATE
PLAN	3-57
TRACED BY	3-57
NOTE BOOK	
CHECKED BY	
No.	



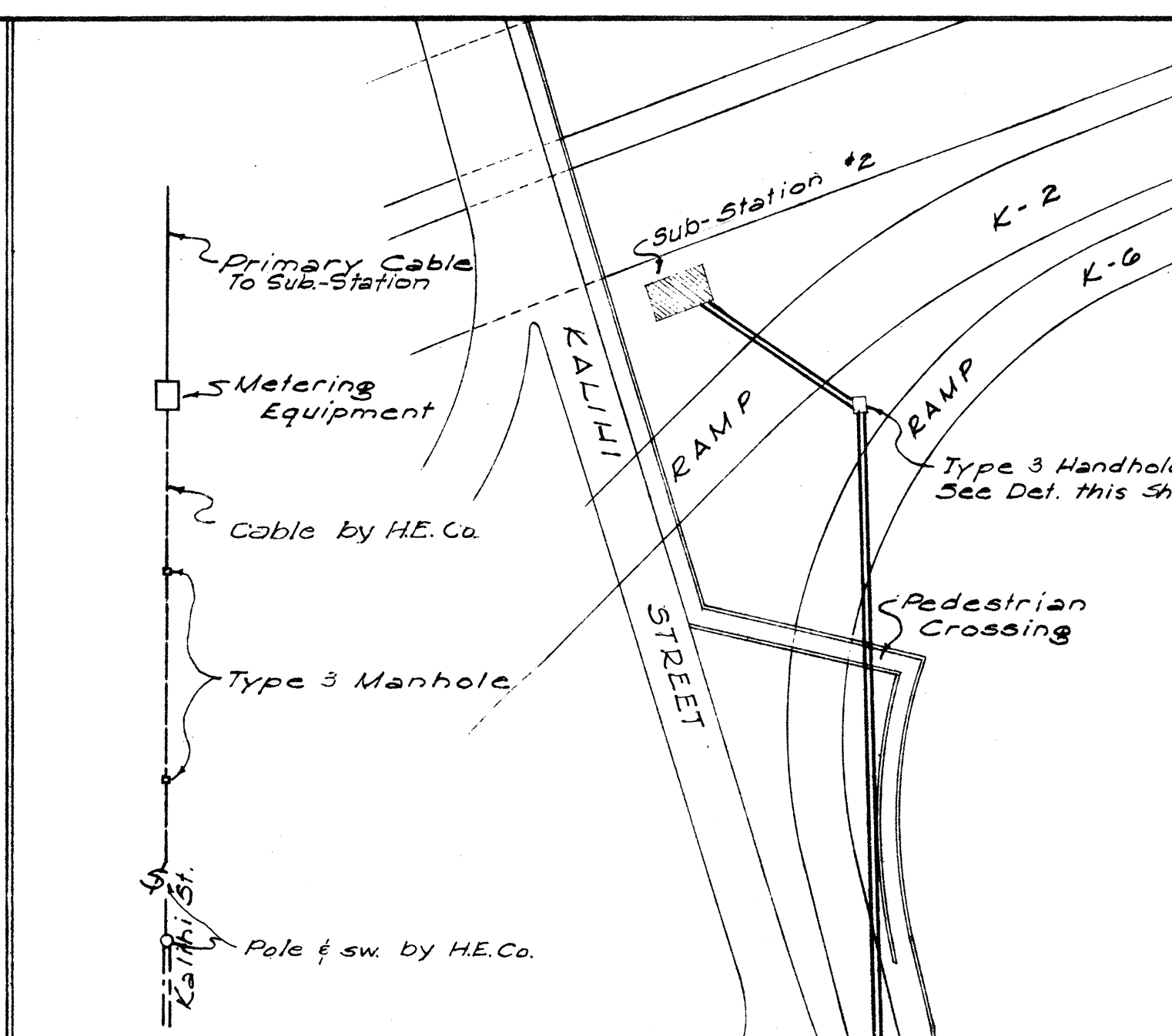
TOP PLAN
1'-0"



SECTIONAL PLAN
1'-0"

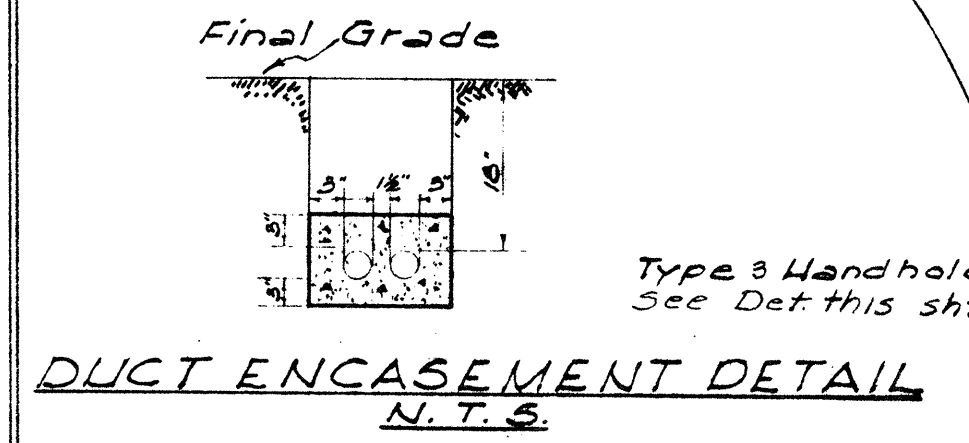


SECTION A-A
1'-0"
HANDHOLE TYPE #3
3'-0" x 5'-0" INSIDE



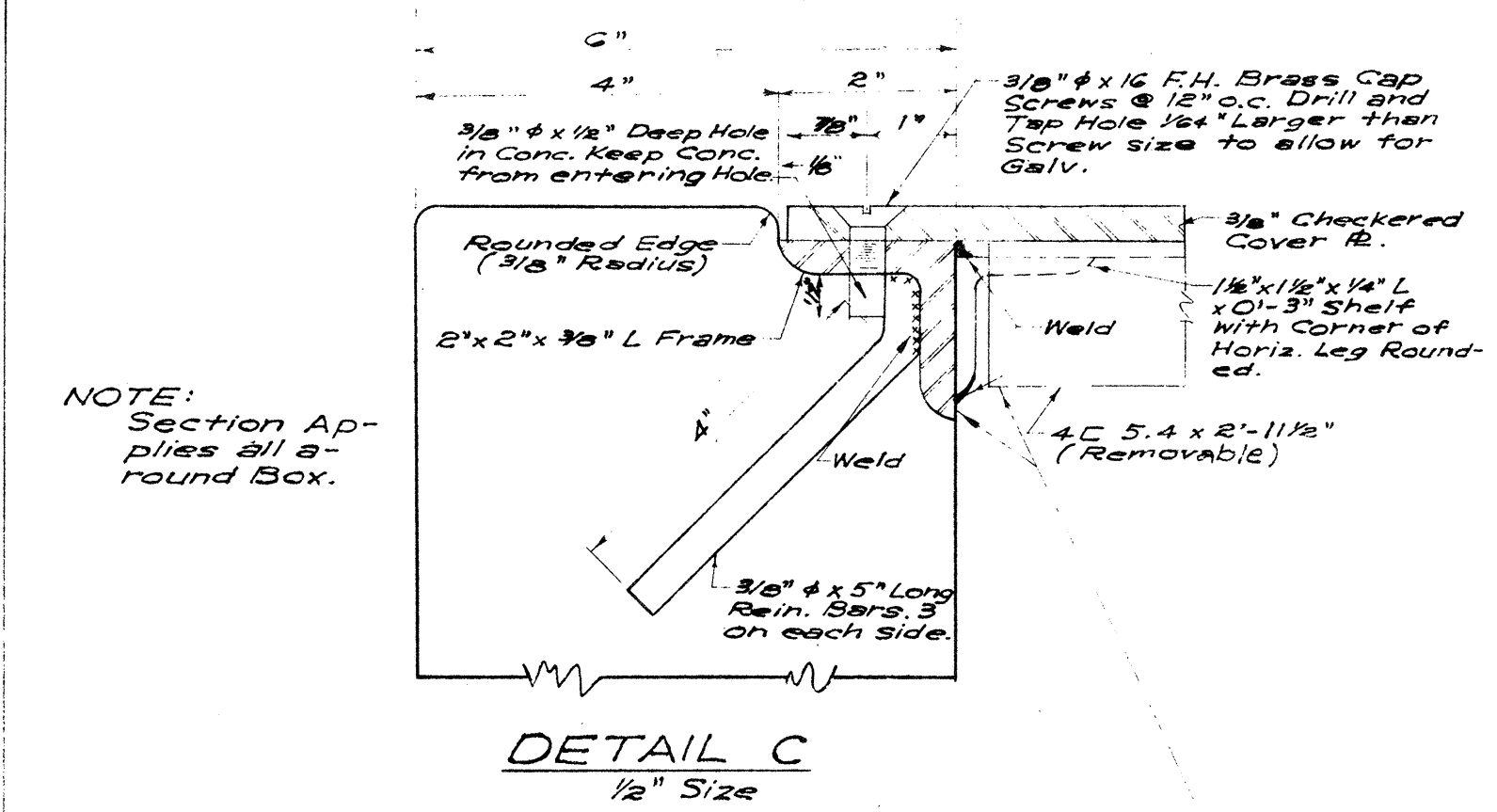
ONE LINE DIAGRAM

2-3 transite duct encased
in concrete envelope from
station to pole with 1'-06"
radius bend at each end.

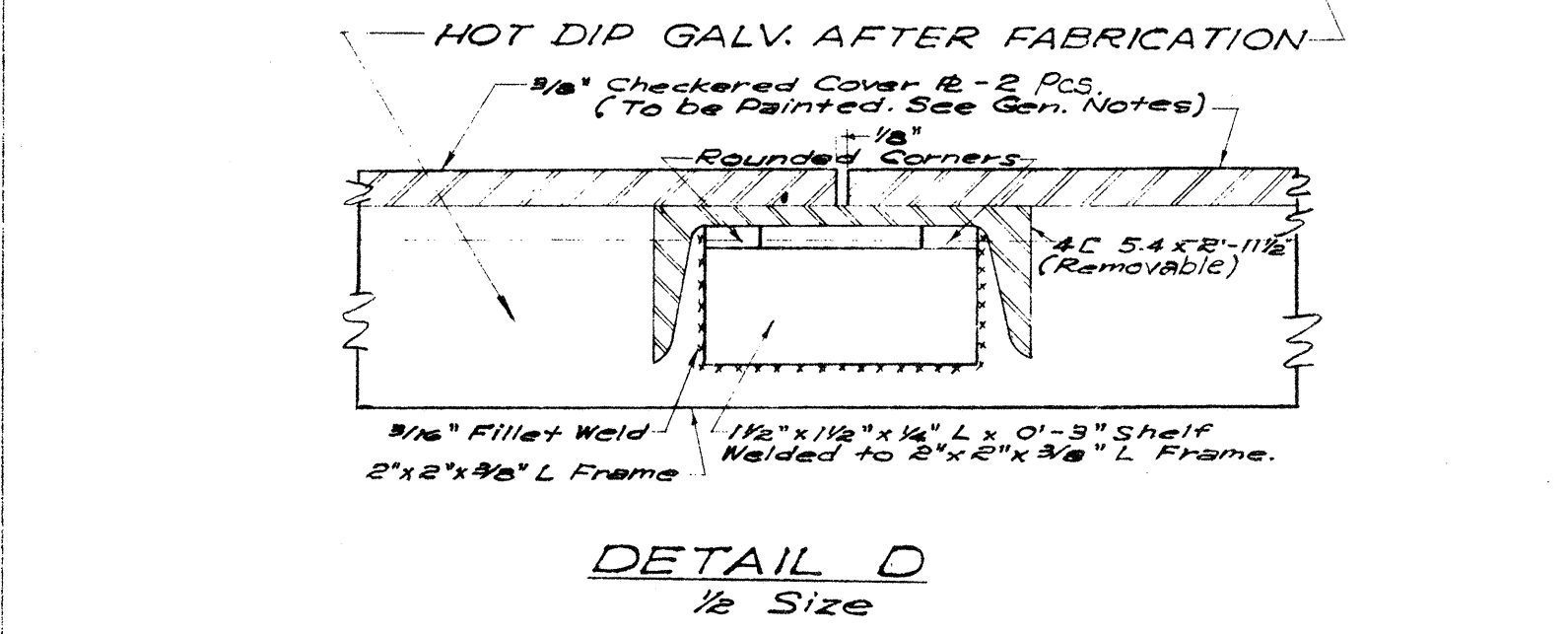


DUCT ENCASEMENT DETAIL
N.T.S.

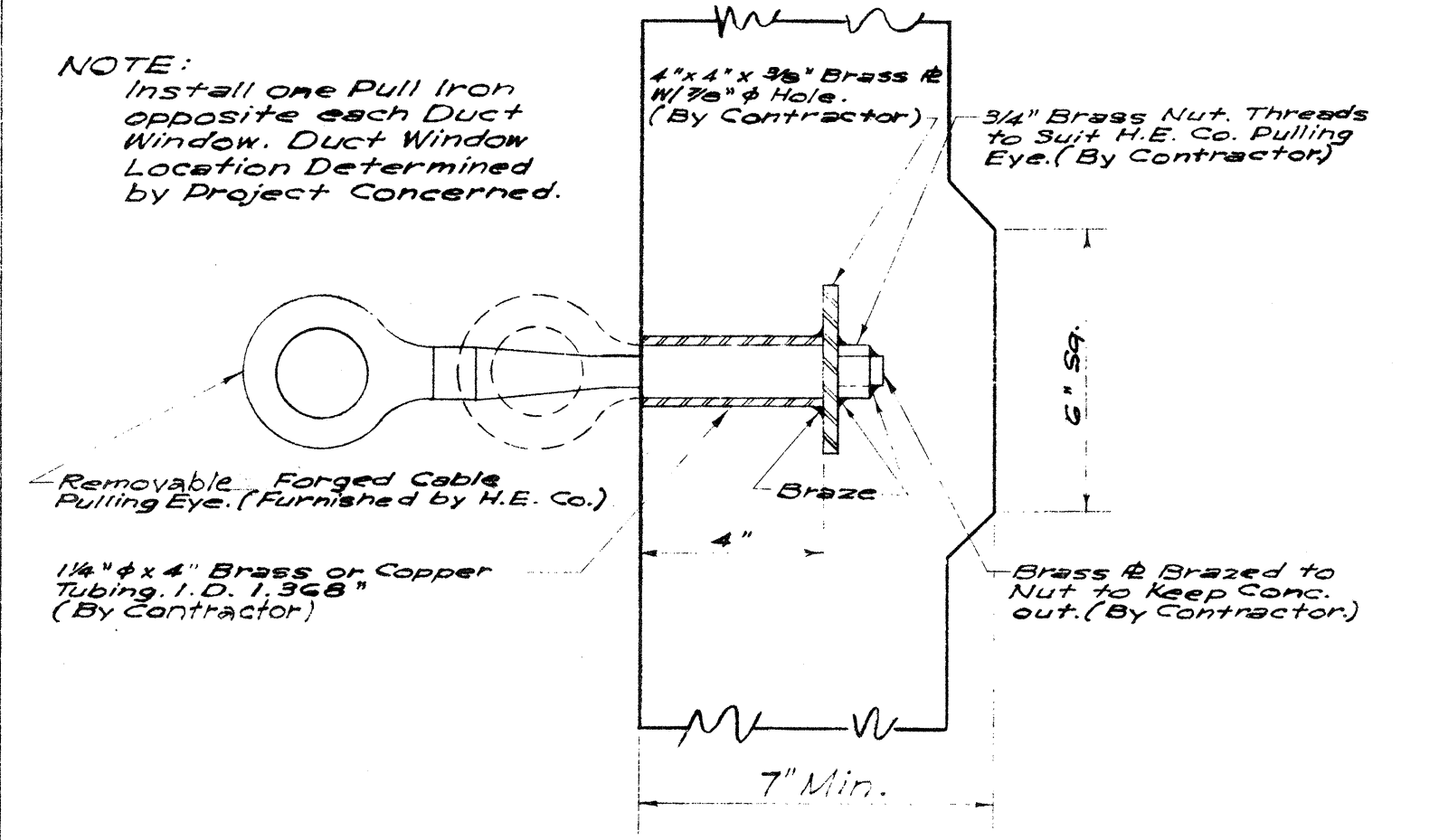
UNDERGROUND DISTR. SYS
SUB - STA #2
Scale: 1"=50'



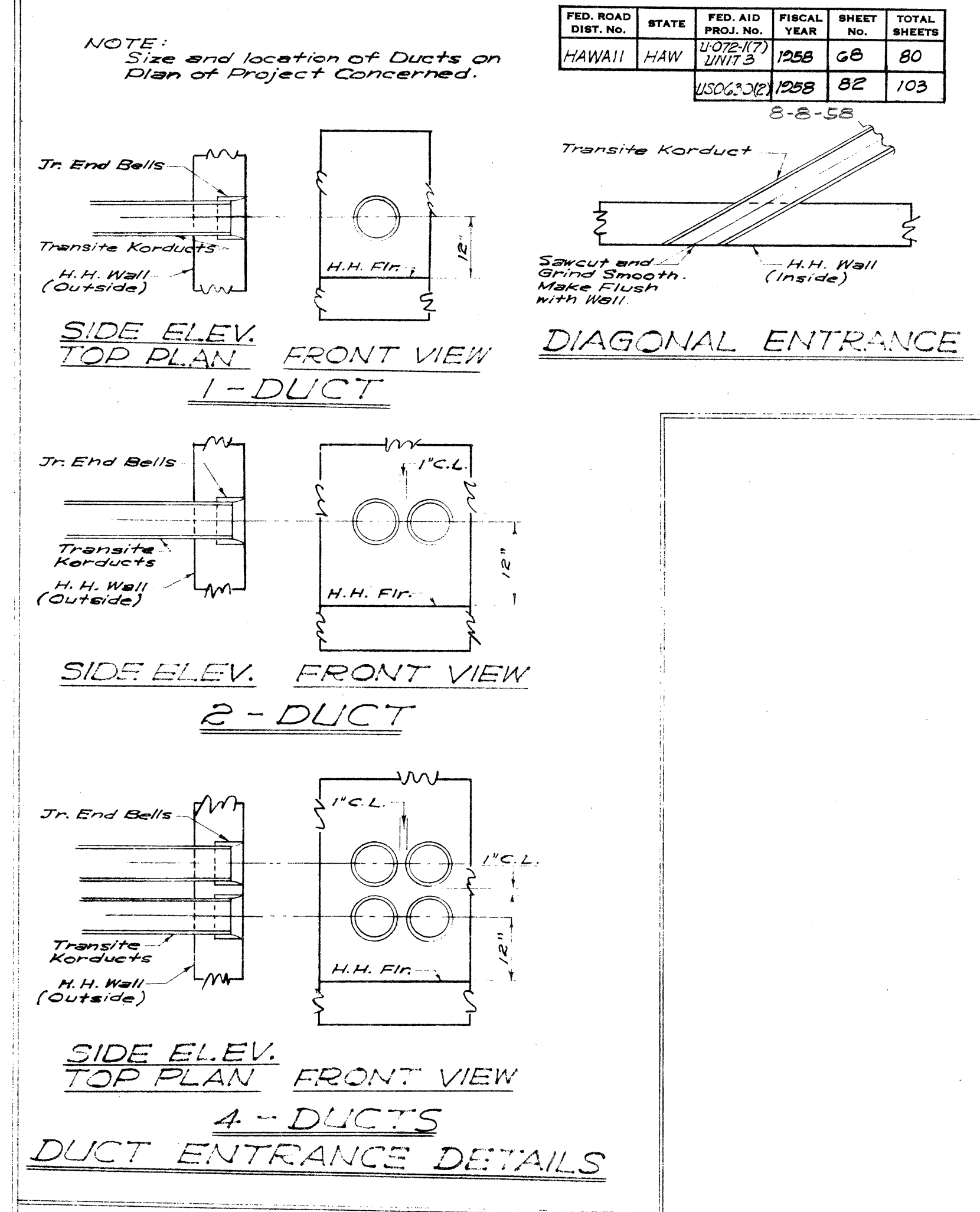
DETAIL C
1/2" Size



DETAIL D
1/2" Size



PULL IRON DETAIL
3"=1'-0"



GENERAL NOTES:

- 1- CONCRETE FINISH:
FLOORS- Smooth Metal Trowelled.
EXPOSED WALL SURFACES & EDGES- Smooth
and free from defects.
- 2- Concrete to Develop Compressive Strength of
3000 P.S.I. in 28 days.
- 3- FINISH STEEL WORK AS FOLLOWS:
A- 2" Angle Frame and 4" Channel to be Hot Dip
Galvanized After Fabrication.
B- 3/8" Checkered & Covers to be thoroughly
cleaned and given one base coat of
Quigley's Triple A No. 10 and one
finish coat of Quigley's Triple A No. 20.
- 4- For Duct Line Construction Standards, see H.E. Co.
Dwg. U-18244, Rev. #2 and Specs. Sheet U-18244A.
- 5- These handholes are Designed for Installation in
areas other than Roadways.

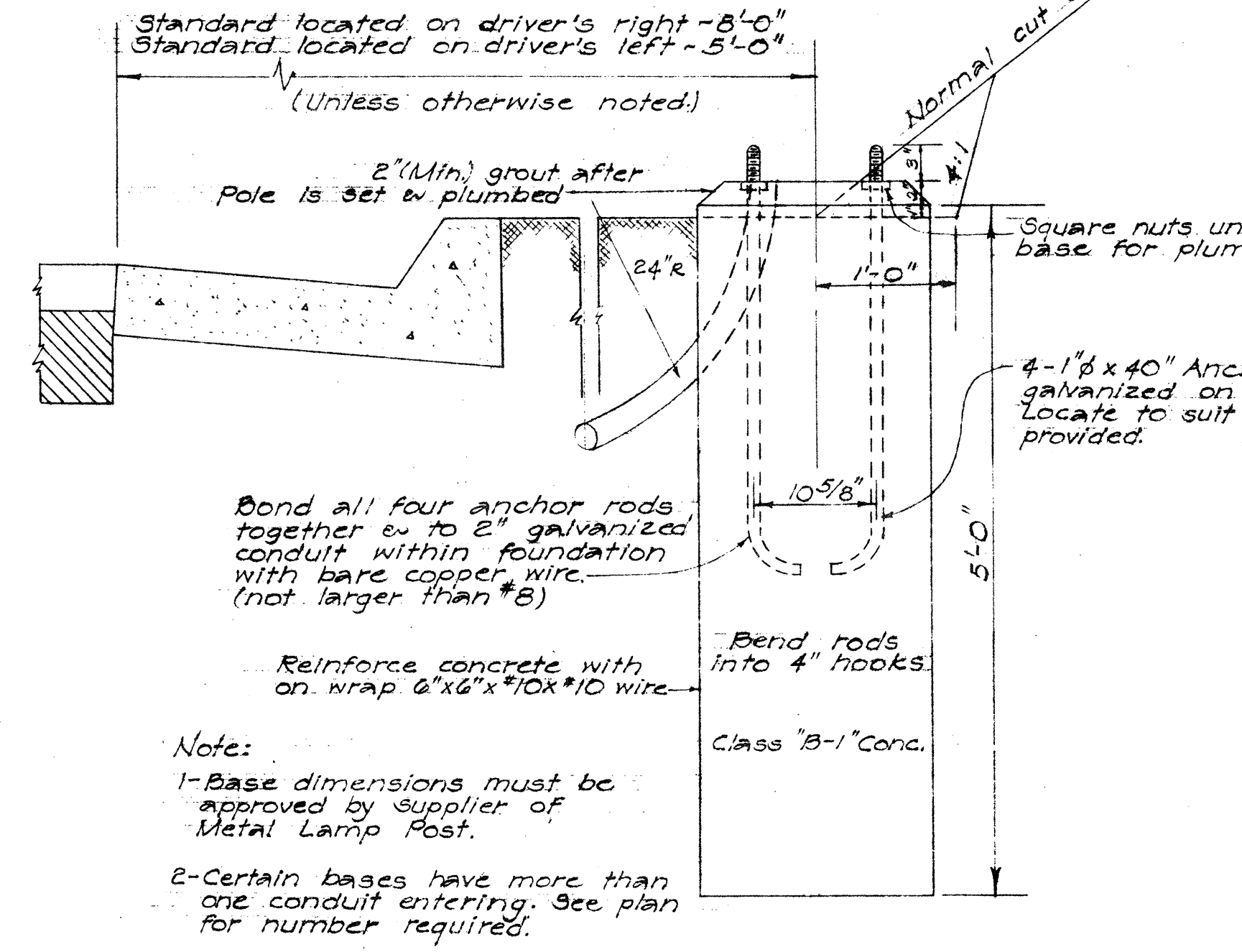
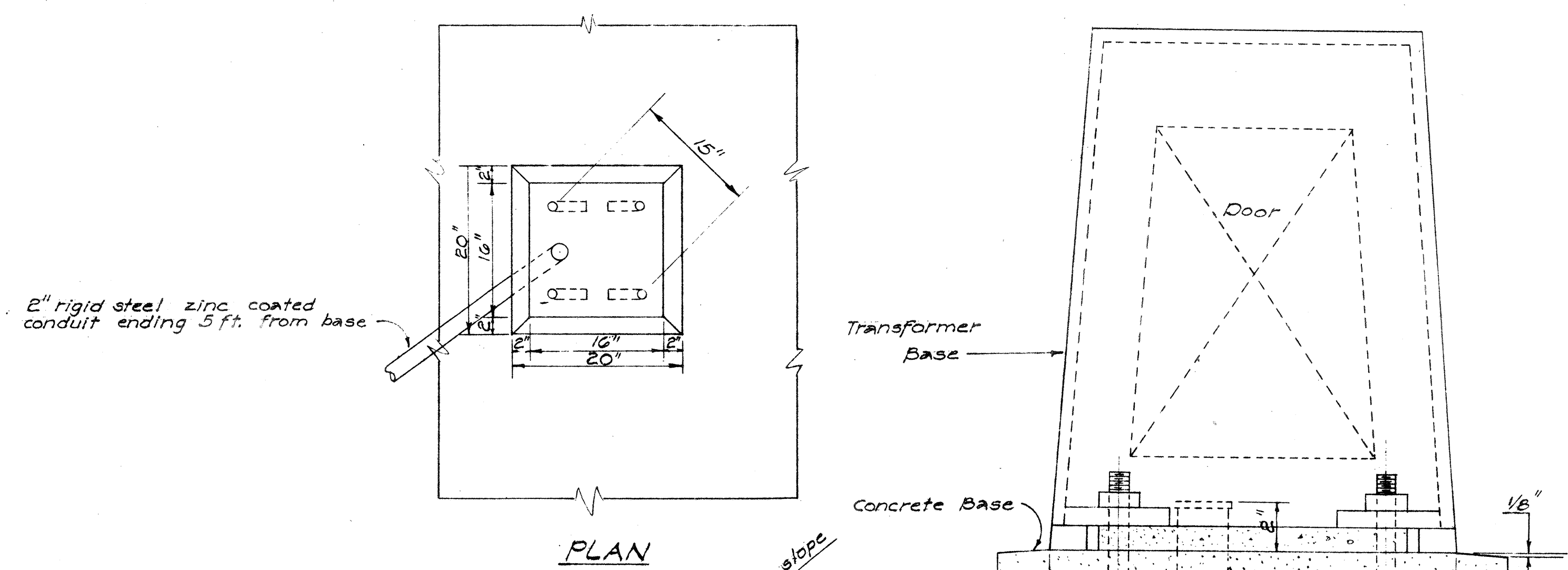


TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

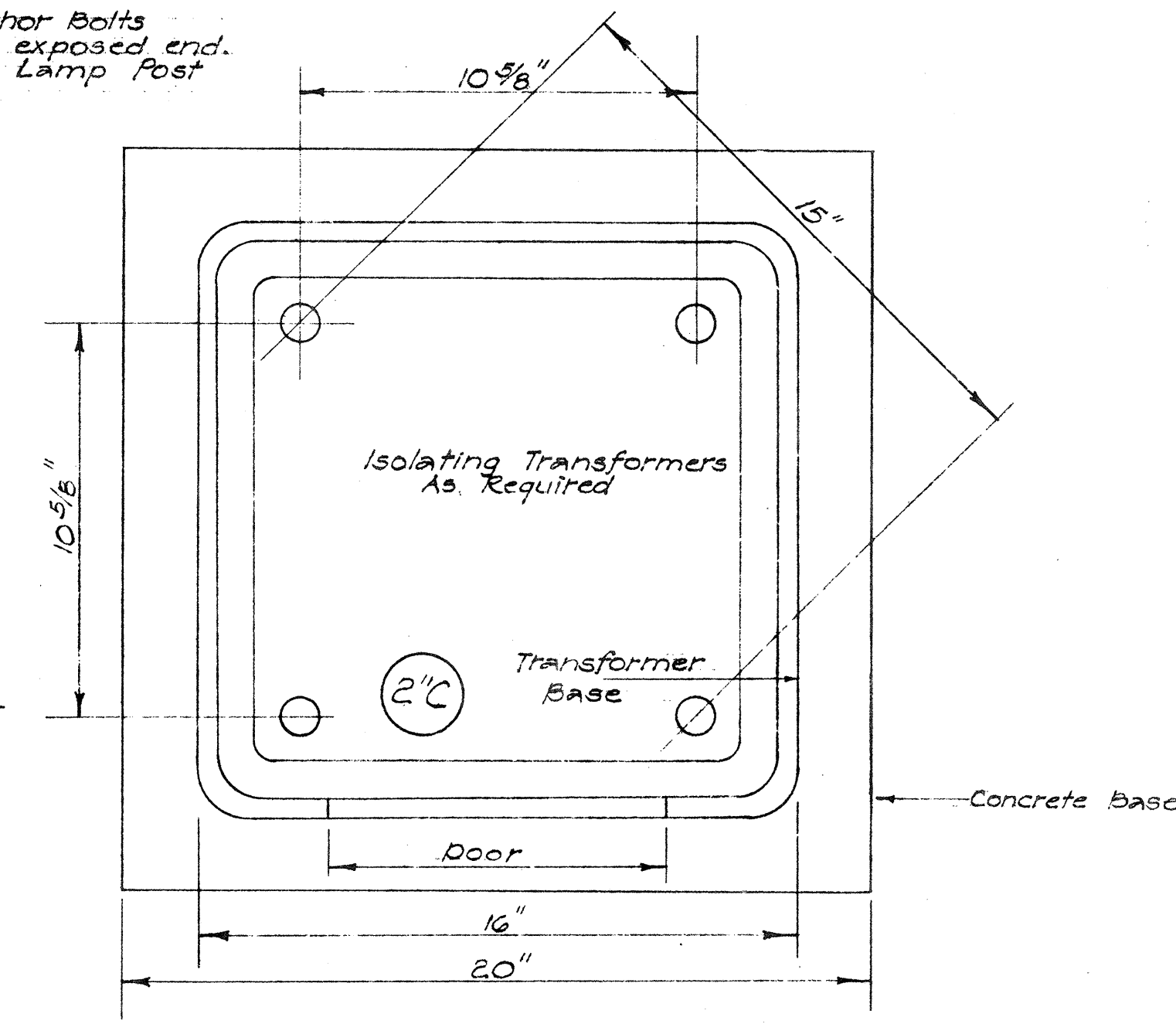
ELECTRICAL DETAILS
HANDHOLE & DUCT ENTRANCE DETAIL

LUNALILO FREEWAY U-072-1(7) UNIT 3
KALIHI STREET U.S. 630(2)

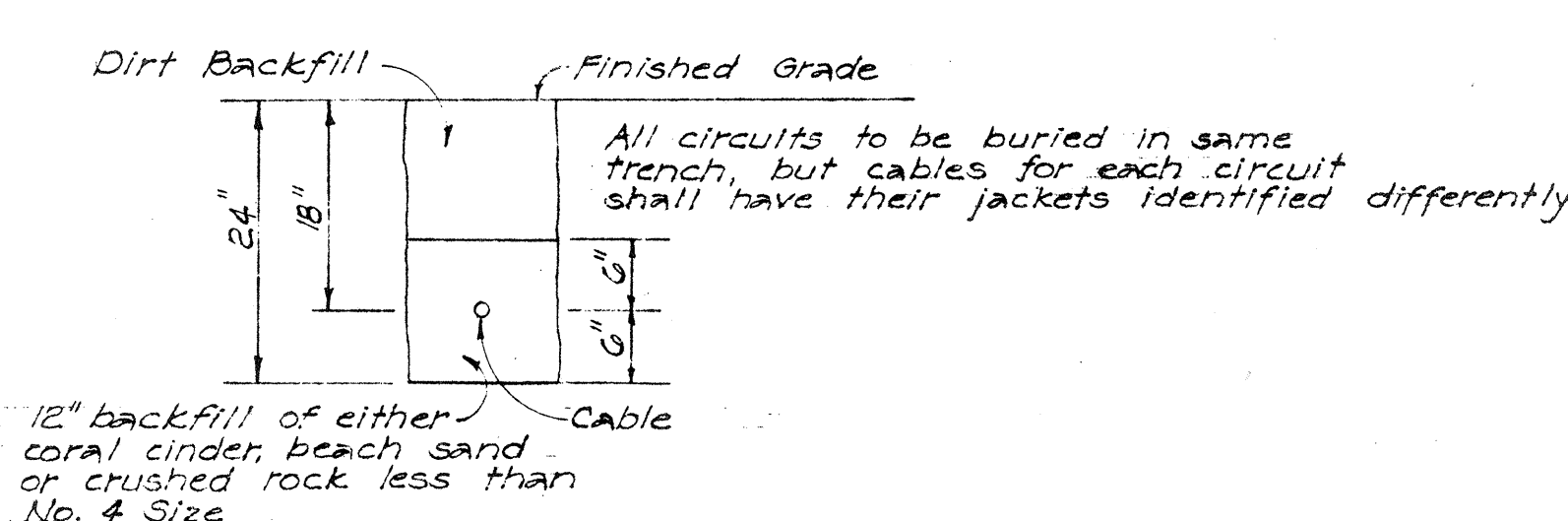
FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	US-06302	1958	69	80
				83	103



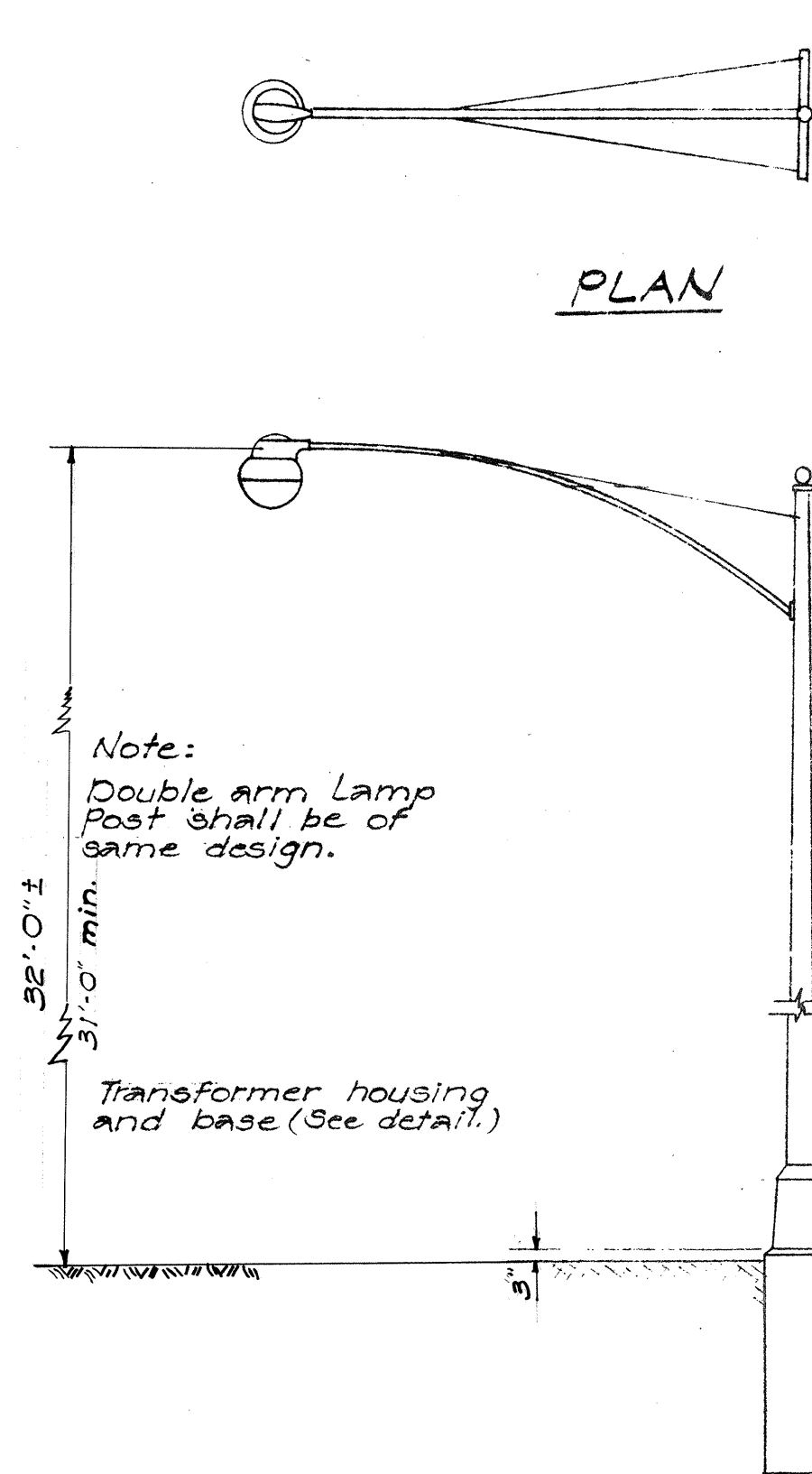
CONCRETE BASE FOR METAL ST. LT. STD.
Scale: 1"=1'-0"



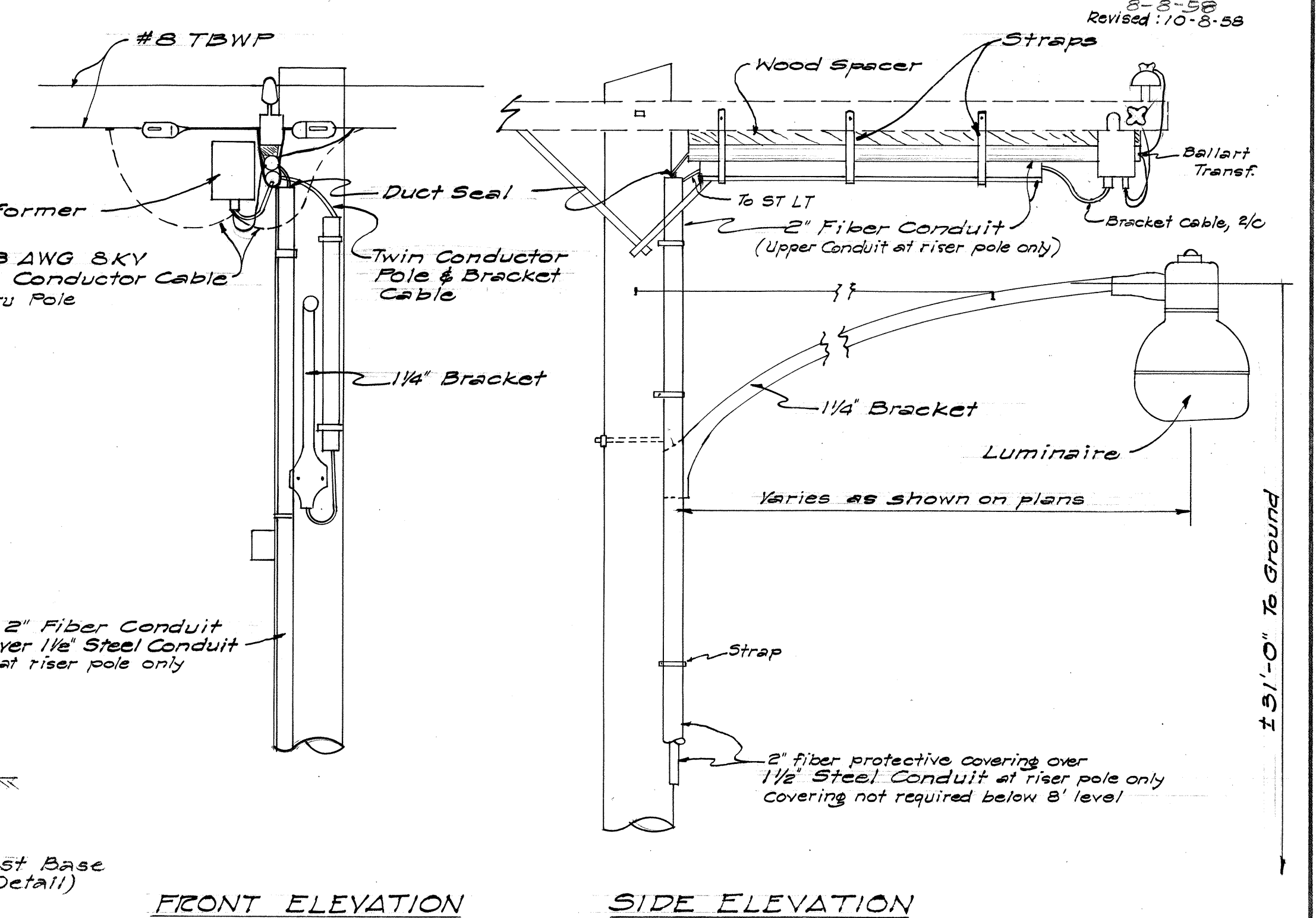
TYPICAL DETAIL OF TRANSFORMER BASE FOR METAL LAMP POST
Scale: 3"=1'-0"



DETAIL OF BACKFILL FOR DIRECTLY BURIED CABLES
Scale: 3/4"=1'-0"

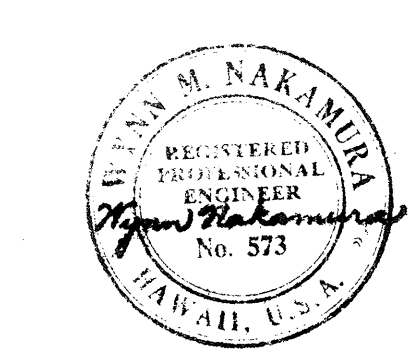


TYPICAL SINGLE ARM METAL LAMP POST
Scale: 1/4"=1'-0"



MOUNTING DETAIL OF LUMINAIRE BRACKET ON UTILITY POLE

SURVEY PLOTTED BY	DATE
PLAN	3-27
TRACED BY	3-27
QUANTITIES CHECKED BY	
CHECKED BY	



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TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

ELECTRICAL DETAILS

LUNALILO FREEWAY U-072-1(7) UNIT 3
KALIHI STREET US 0630(2)