

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	F-098-1(1)	1956	52	70

P.C. Sta. 130+45.73

BEG. OF PROJ. NO. F-098-1(1) UNIT 2
STA. 127+18.55

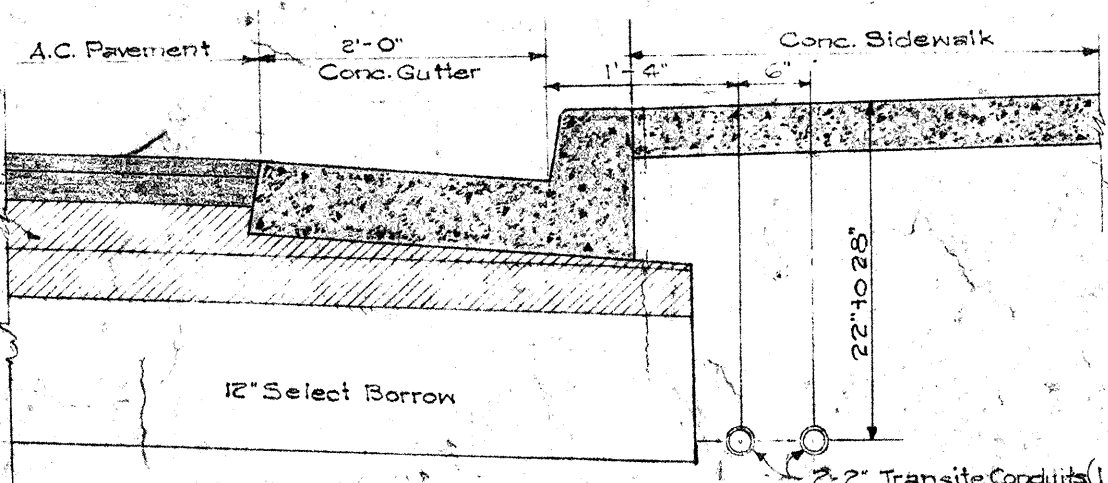
Cap 5.2' from curb
Revised June 21, 1957

LEGEND

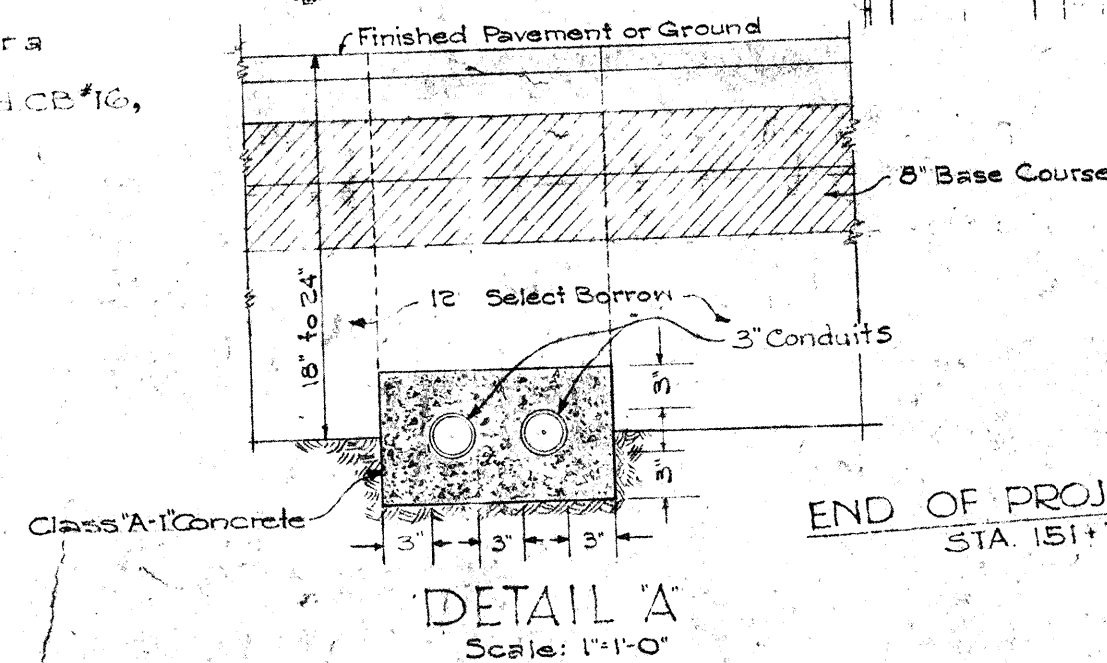
- Jointly Owned Utility Wood Pole-Installed by others.
- Metal Lamp Post
- Pull Box Type "A"
- Pull Box Type "B"
- Steel Conduit (Size as shown)
- Transite Conduit (Size as shown)
- Underground Cable, 1 Conductor
- Underground Cable, 2 Single Conductors
- Overhead Circuit, 1 Conductor
- Overhead Circuit, 2 Single Conductors
- 20,000 Lumen Luminaire on 8' Bracket or Mast Arm.

GENERAL NOTE

All steel conduits shall be hot-dipped galvanized pipe 2" nominal diameter.
Transite conduits shall be Jolex Manilla or equal (thick wall).
All steel and transite conduits shall be laid to a depth of not less than 18" and not more than 24" below finished grade of pavement.
End of steel conduit shall extend at least 24" past the face of curb.
All conduits shall be carefully marked and left clean with standard caps, or by means of a location map showing ends of conduit runs.
Concrete bases for Metal Lamp Posts shall be Class "B-1" concrete and shall be paid for under the item of "Base for Monotube Lighting Standards".
Where pole riser is shown conduit shall bend at bottom of pole and extend up the pole for a distance of at least 8' above sidewalk and capped.
For Detail of 2" Steel Conduit passing thru CB#1, CB#8, CB#9, CB#10, CB#12, CB#14 and CB#16, see Typical Detail Sheet No. 5790.34.



TYPICAL DETAIL OF CONDUITS AND DUCTS IN SIDEWALK AREA
Scale: 3/4"=1'-0"
(TRAFFIC ISLANDS SIMILAR)



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

END OF PROJ. NO. F-098-1(1) UNIT 2
STA. 151+75

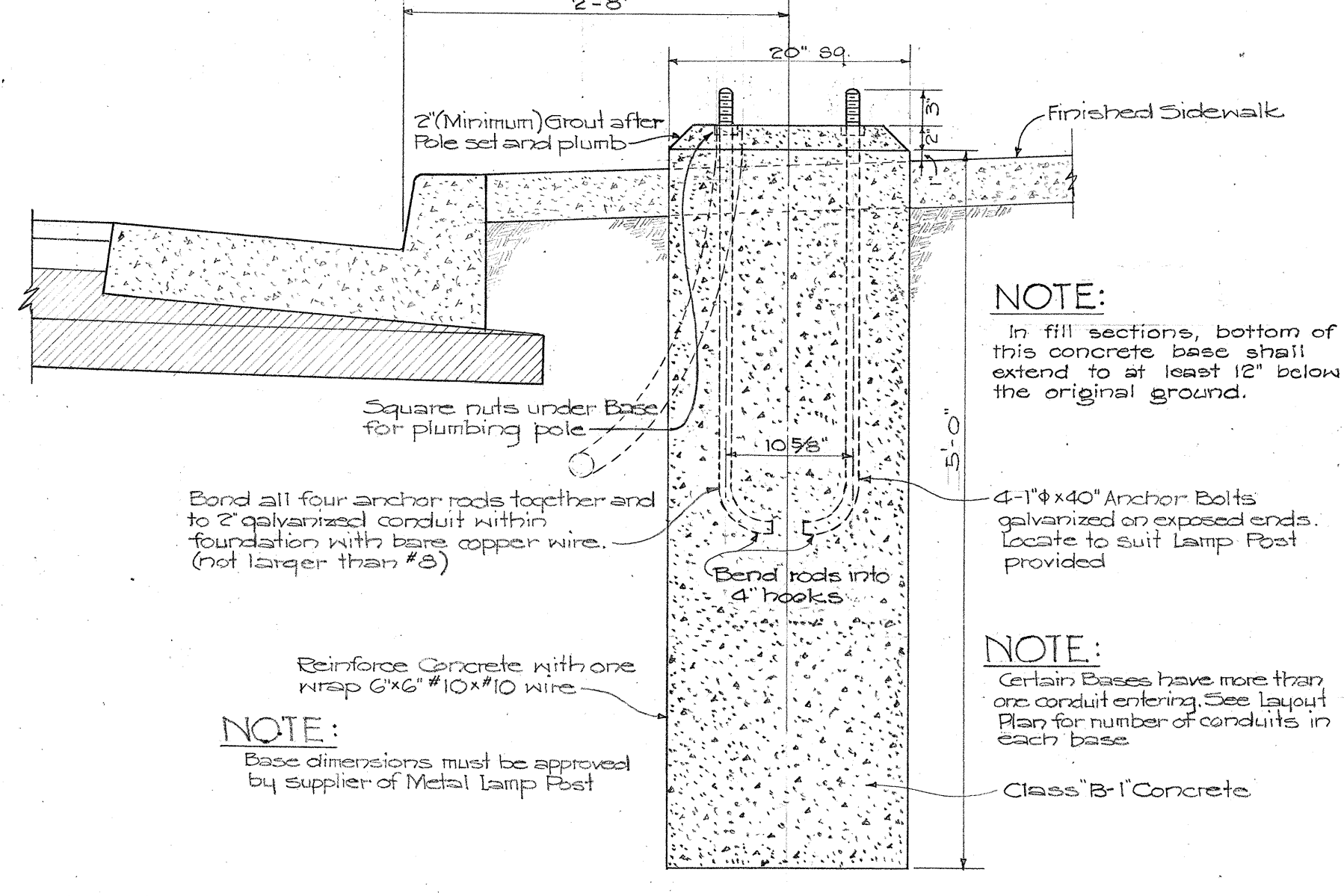
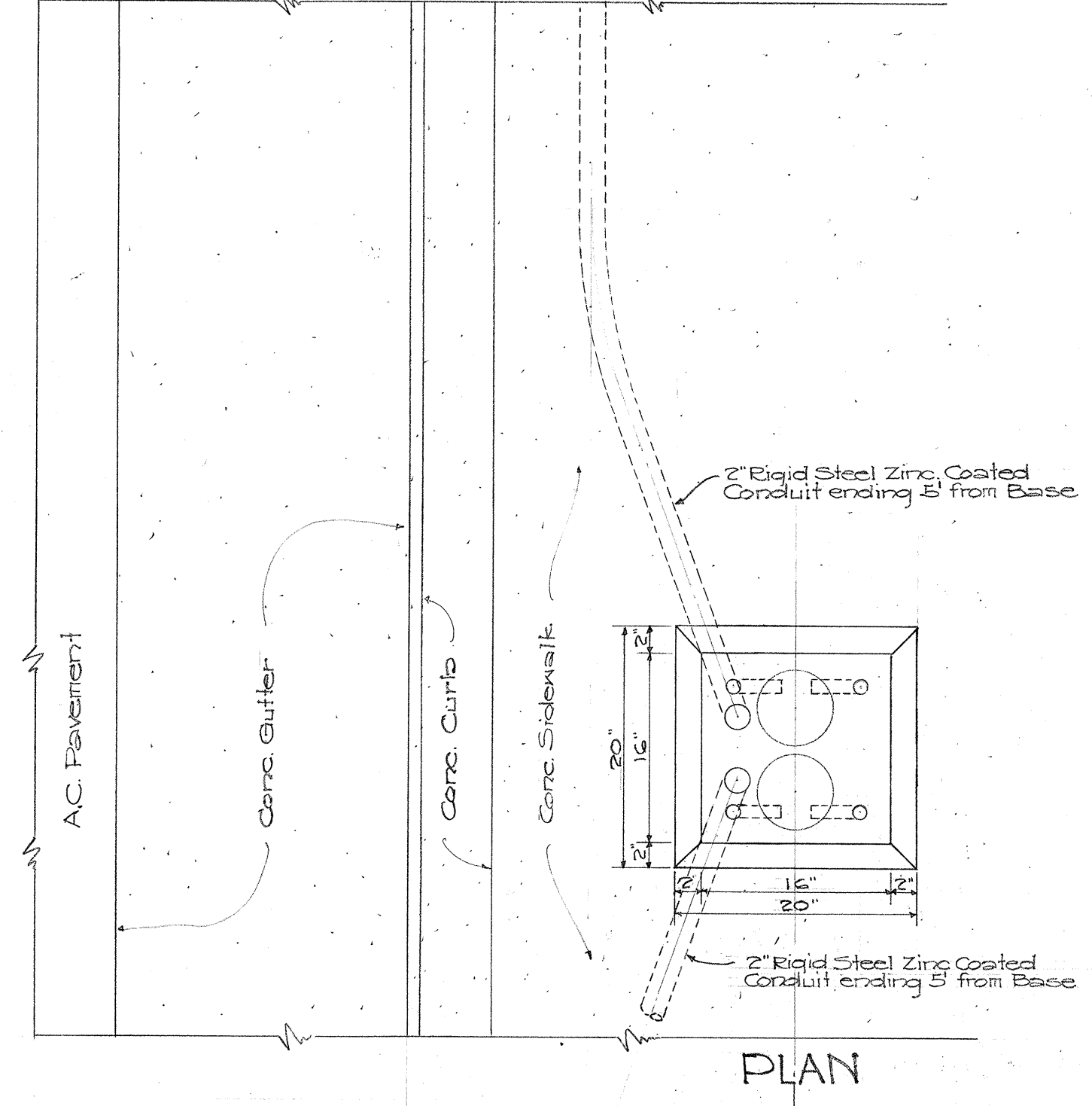
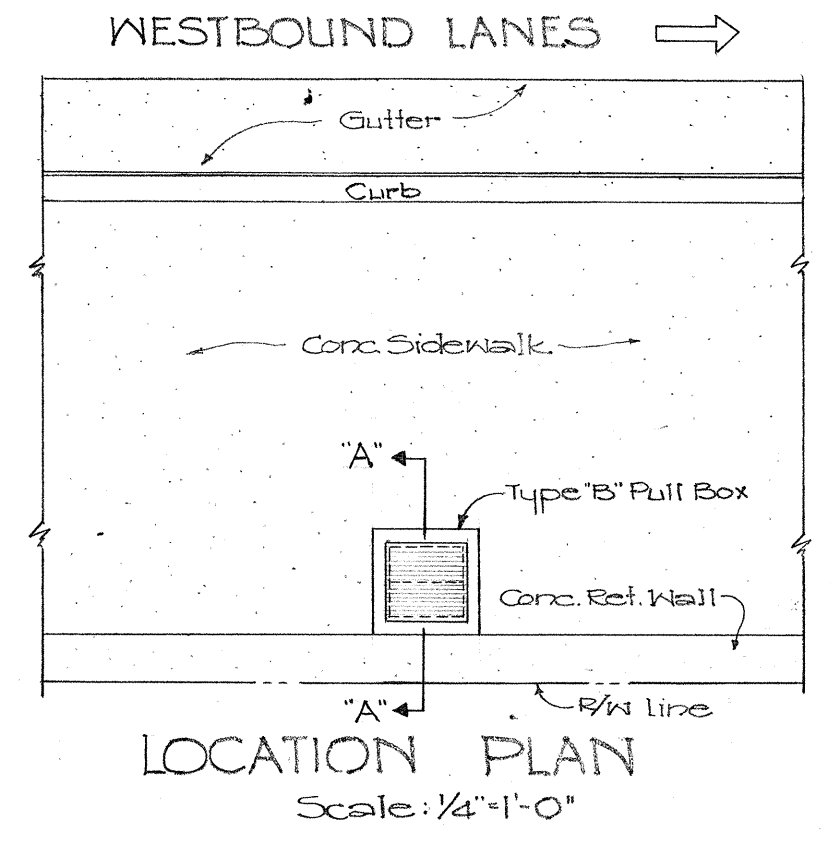
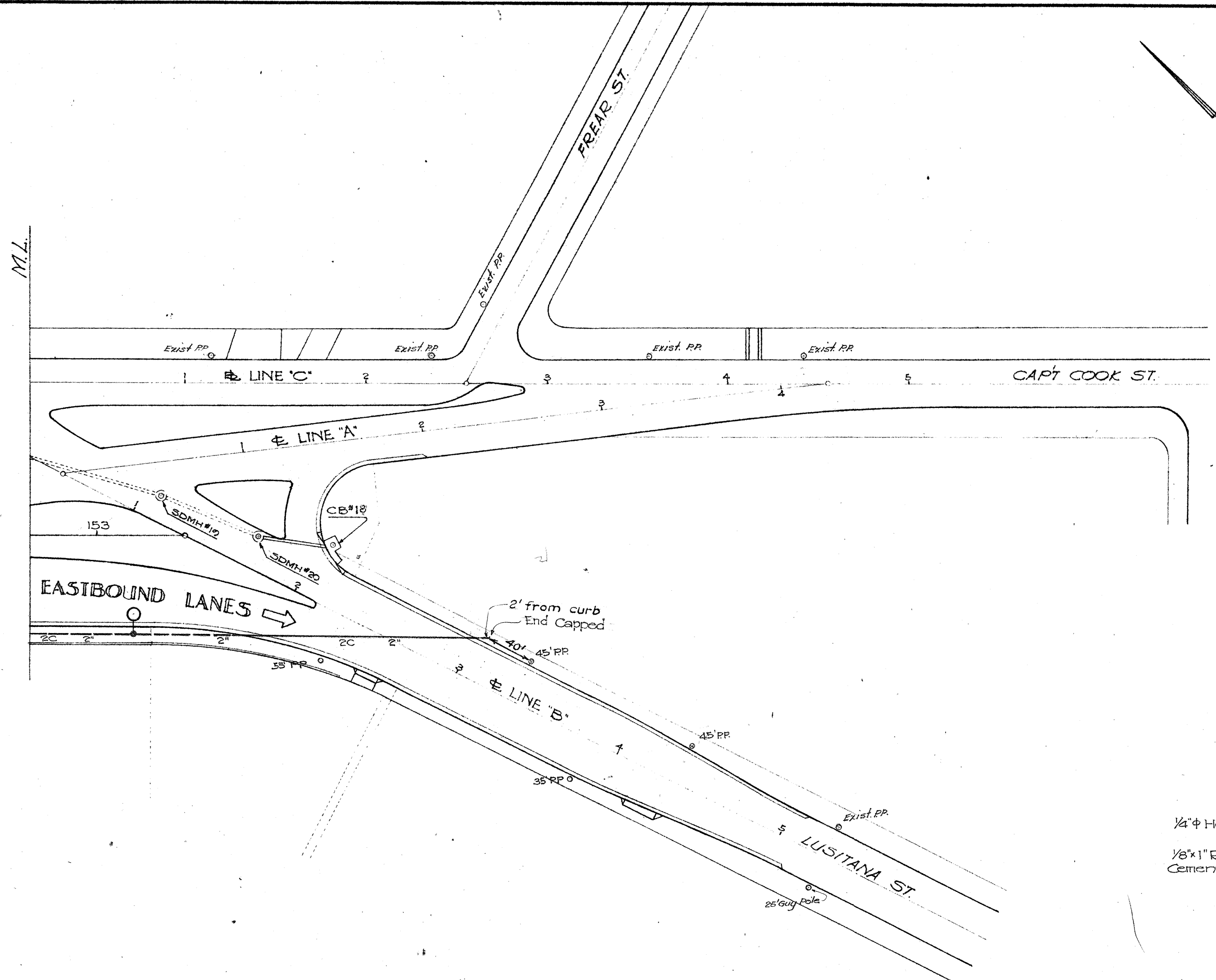
TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

HIGHWAY LIGHTING SYSTEM
VINEYARD THOROUGHFARE
NUUANU AVE TO LUSITANA ST
PROJECT NO. F-098-1(1)
UNIT 2
Scale: 1"=50'
July 1956

SHEET No. 1 OF 4 SHEETS

This Sheet was revised and includes the As-Built Changes. 5790.32

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAWAII	F008-1(1)	1956	33	70

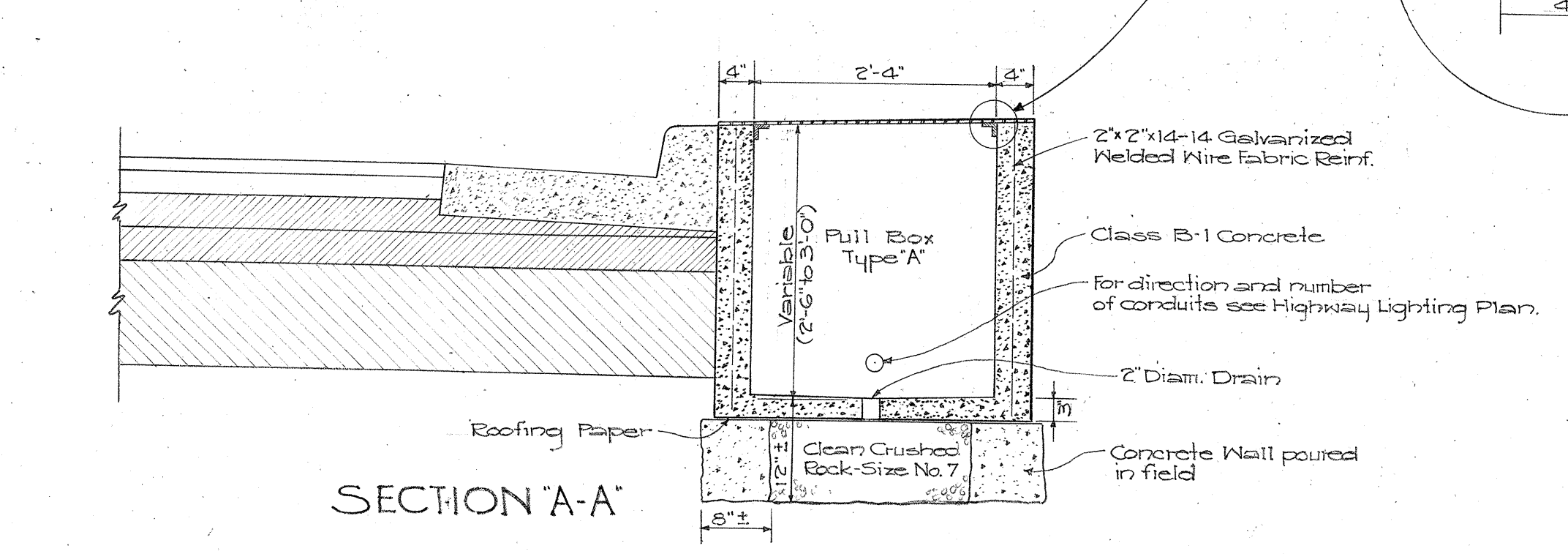
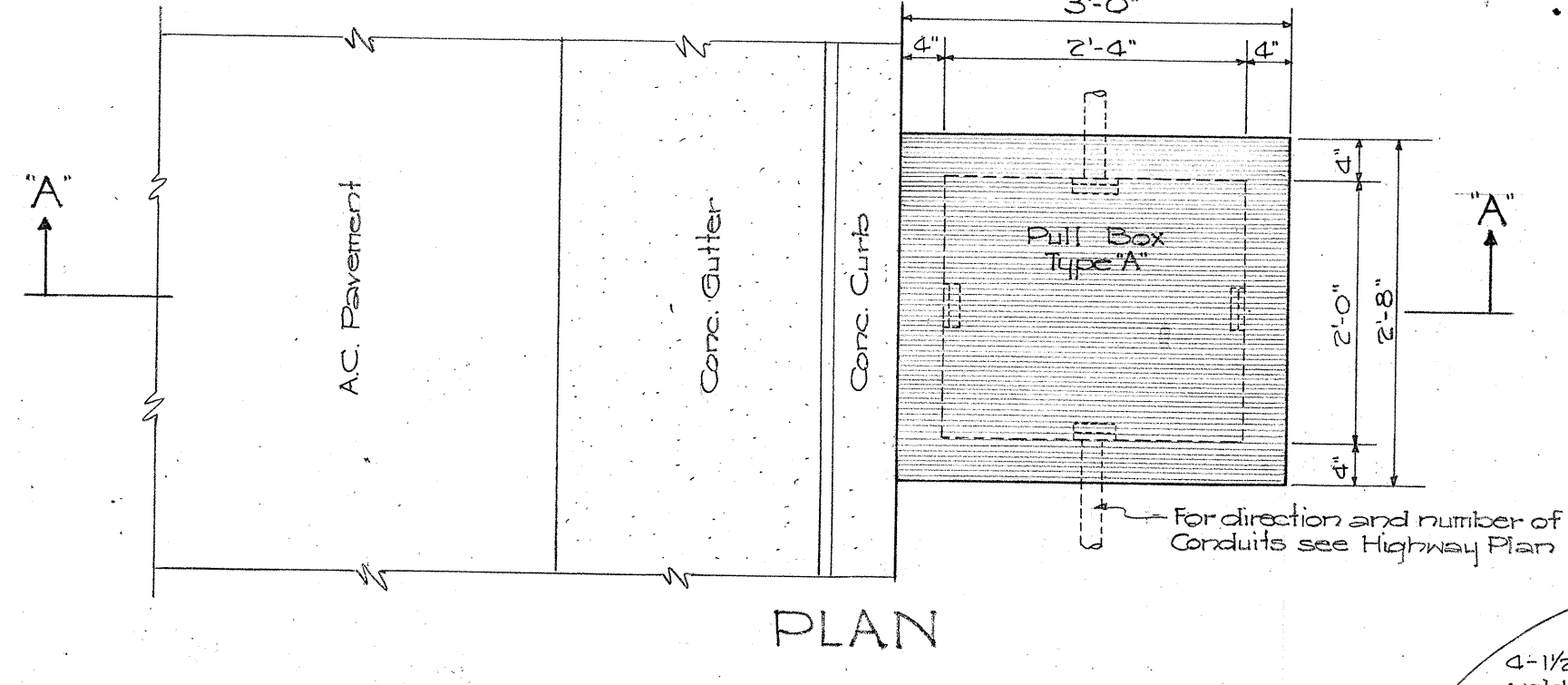


NOTE:
In fill sections, bottom of this concrete base shall extend to at least 12" below the original ground.

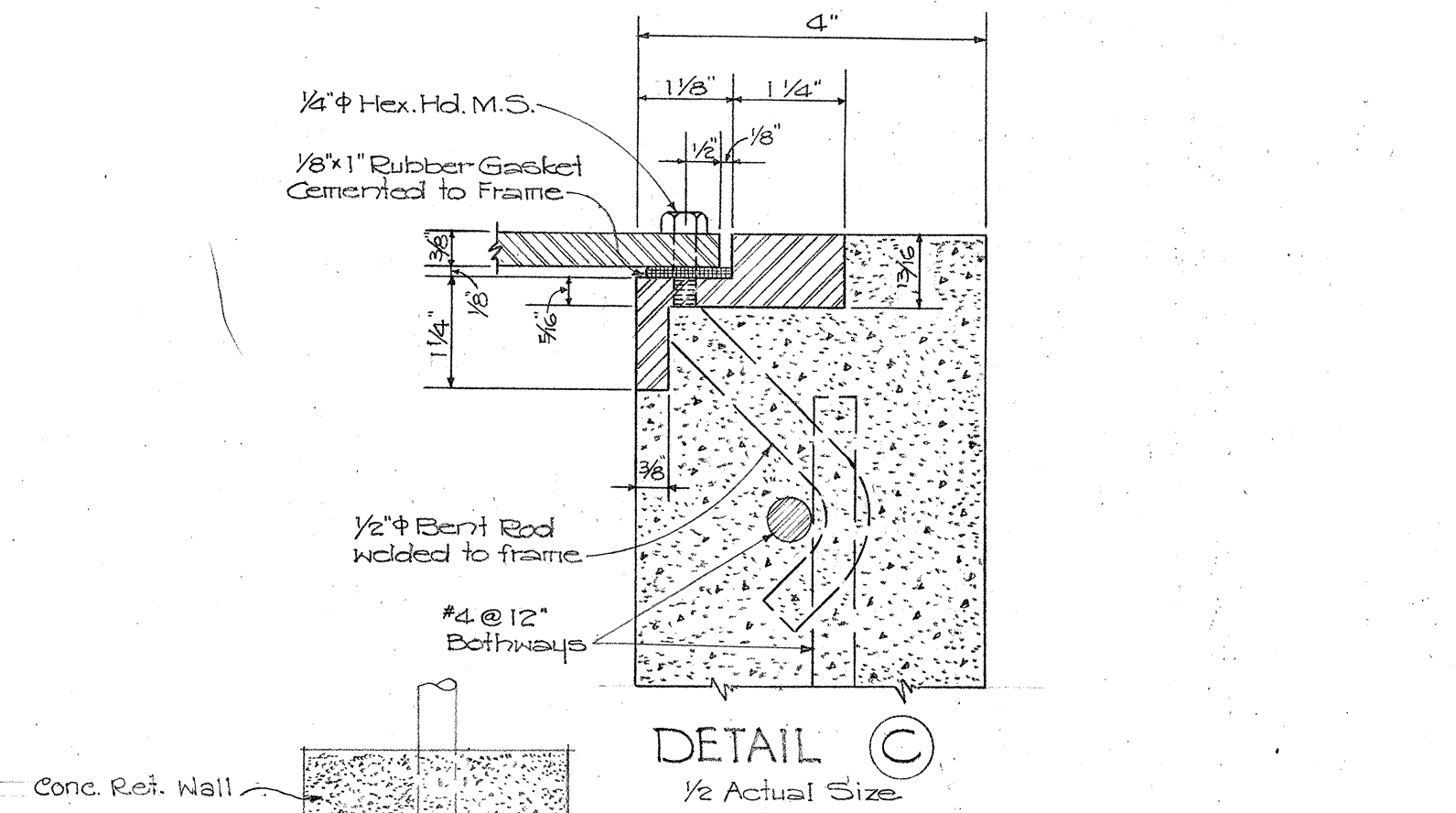
NOTE:
Base dimensions must be approved by supplier of Metal Lamp Post

NOTE:
Certain Bases have more than one conduit entering. See Layout Plan for number of conduits in each base.

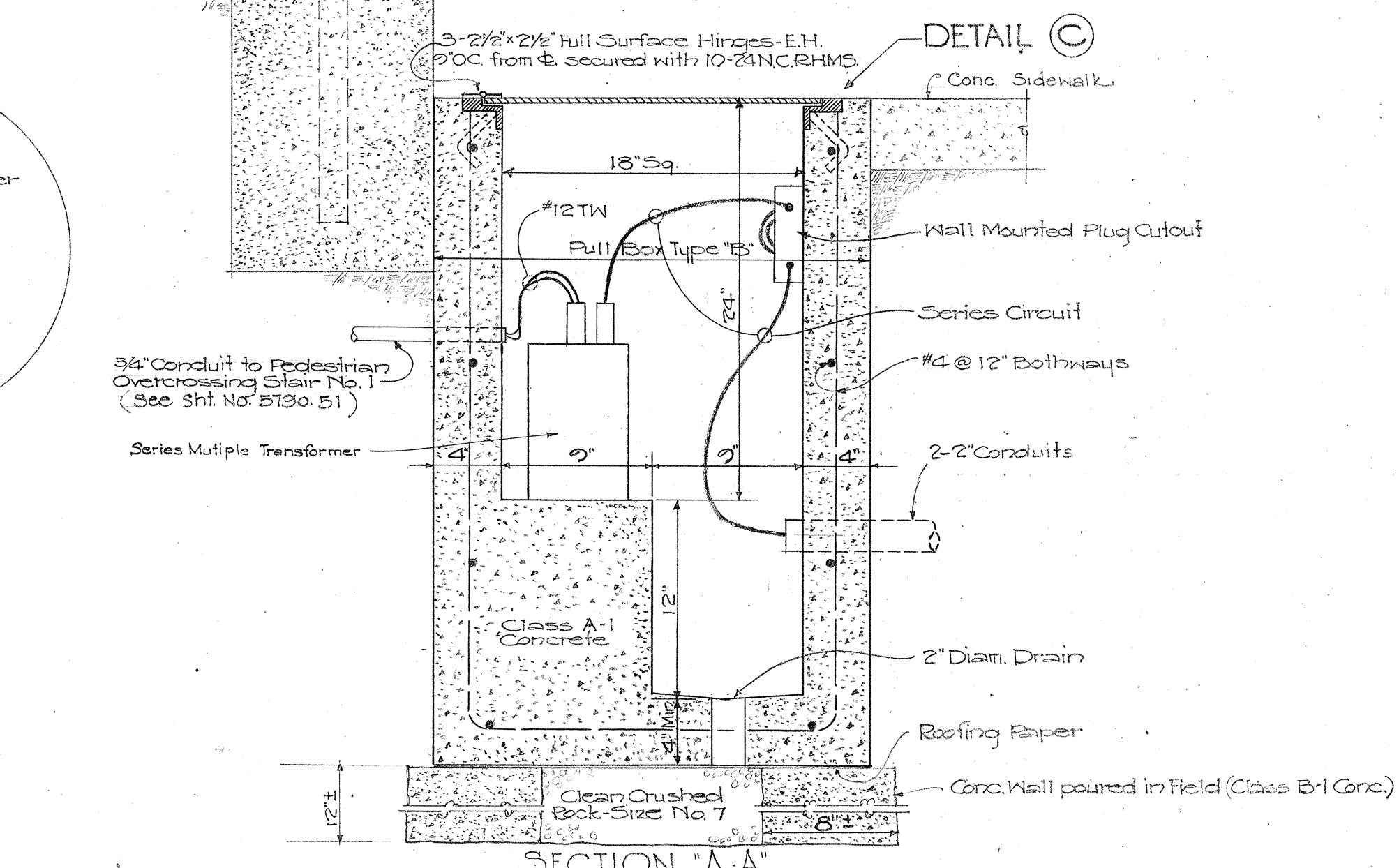
CONCRETE BASE FOR METAL LAMP POST
Scale: 1" = 1'-0"



SECTION A-A'
DETAIL OF PULL BOX TYPE "A"
Scale: 3/4" = 1'-0"



DETAIL C
1/2 Actual Size



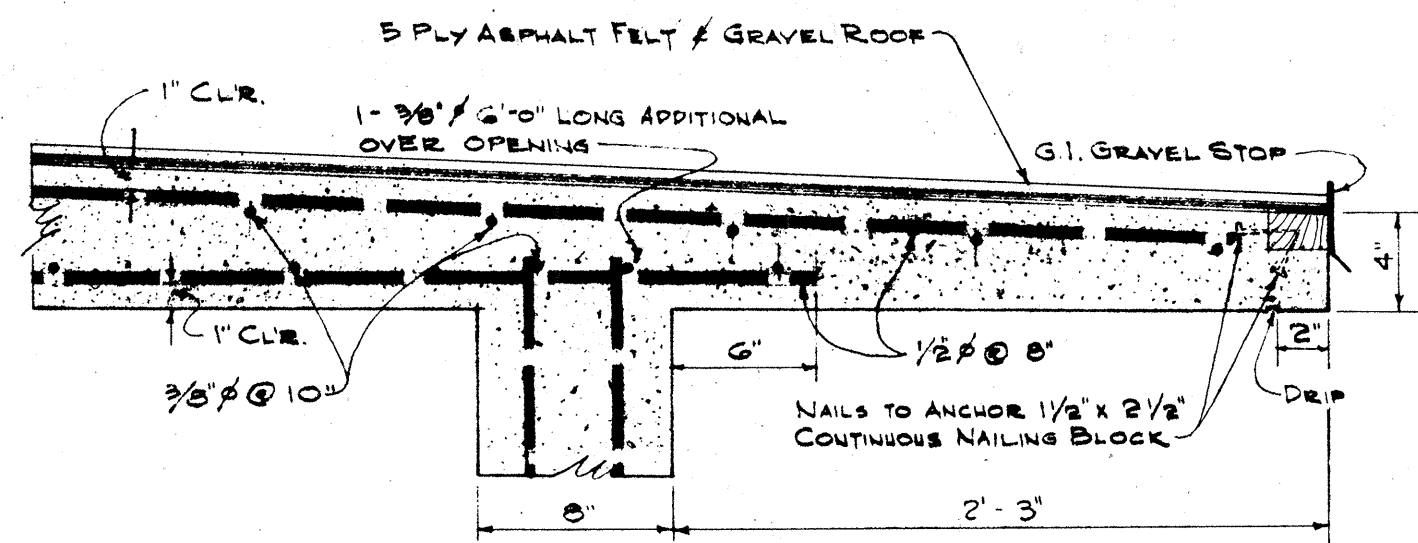
SECTION A-A'
DETAIL OF PULL BOX TYPE "B"
Scale: 1 1/2" = 1'-0"

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

HIGHWAY LIGHTING SYSTEM
VINEYARD THOROUGHFARE
NUUANU AVE. TO LUSITANA ST.
PROJECT NO F-098-1(1)
UNIT 2

Scale: As Noted
July 1956

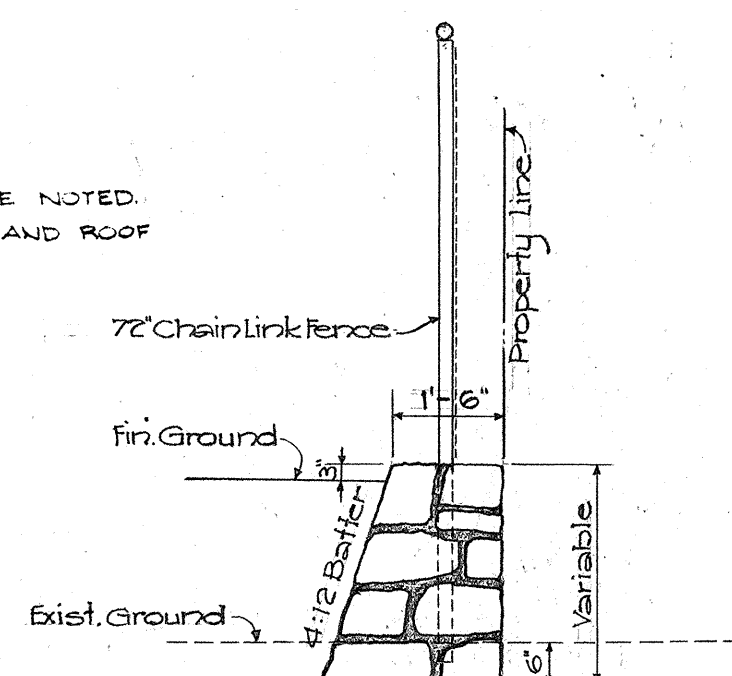
FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	F-098-1(1) UNIT 2	1956	34	70



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

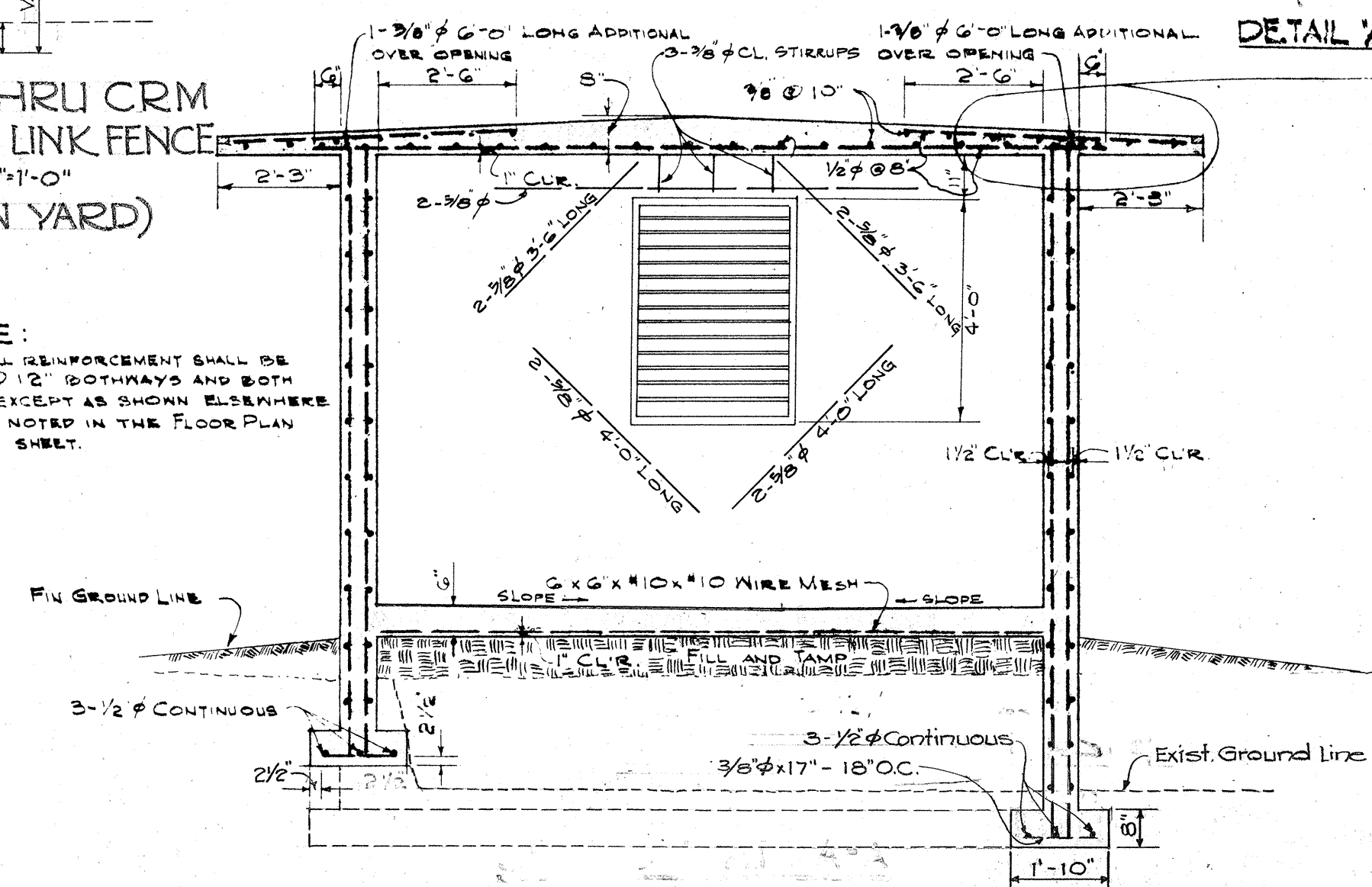
NOTE:

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."

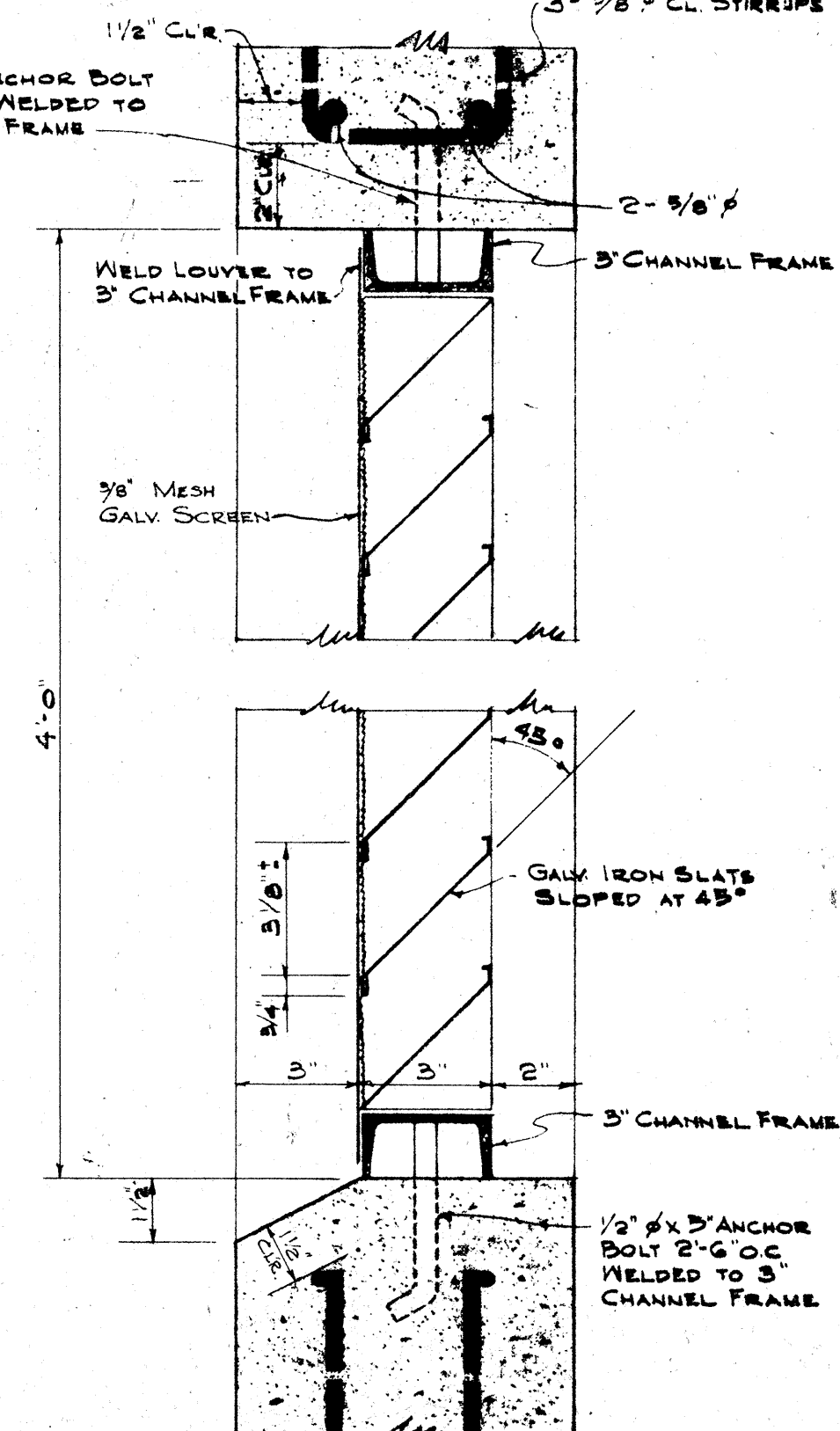


TYP. SECTION THRU CRM
WALL AND 72" CHAIN LINK FENCE
Scale: $\frac{3}{8}" = 1'-0"$
(SUB-STATION YARD)

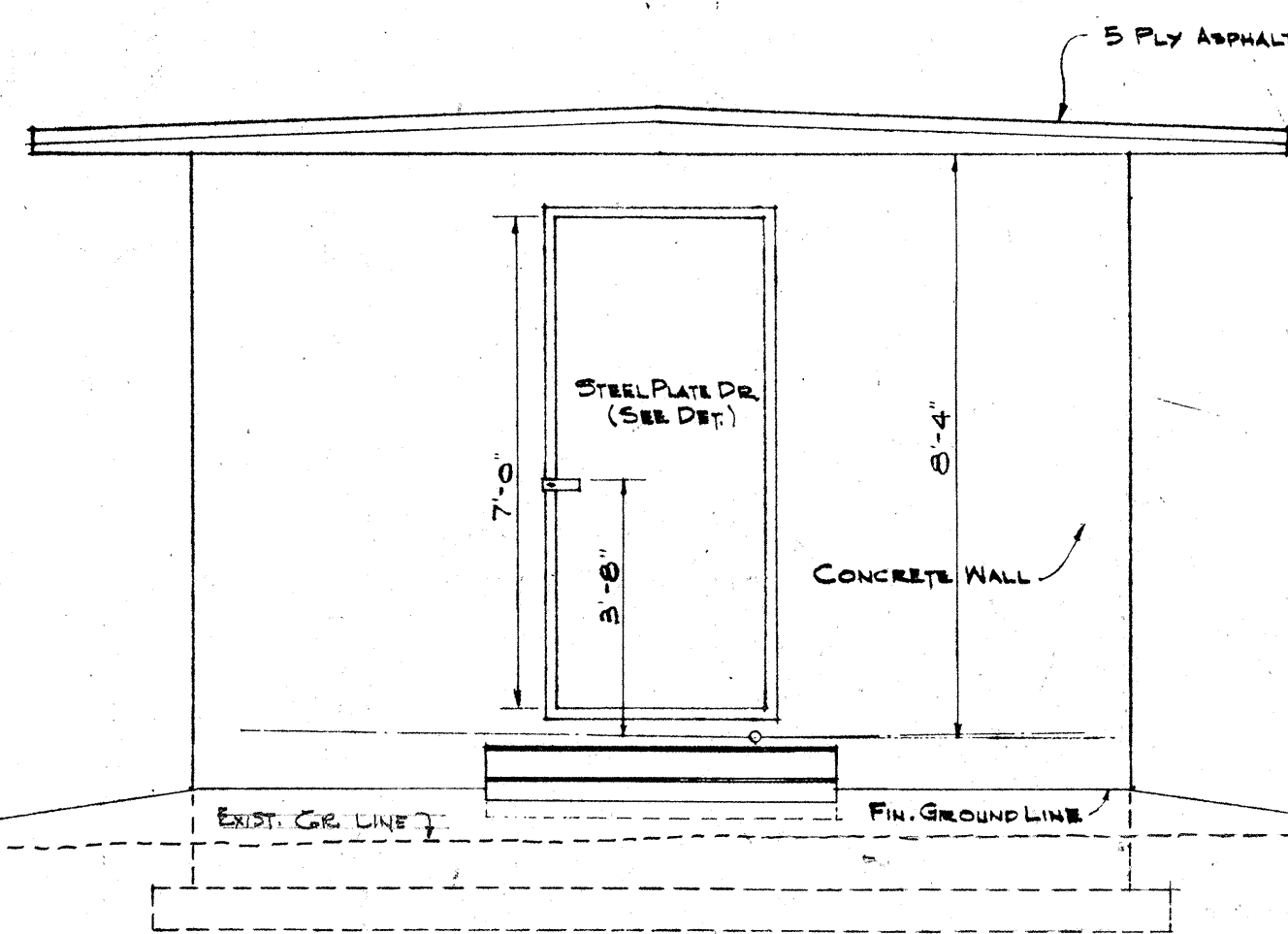
NOTE:
ALL WALL REINFORCEMENT SHALL BE
3/8" # 12" BOTHWAYS AND BOTH
FACES EXCEPT AS SHOWN ELSEWHERE
AND AS NOTED IN THE FLOOR PLAN
ON THIS SHEET.



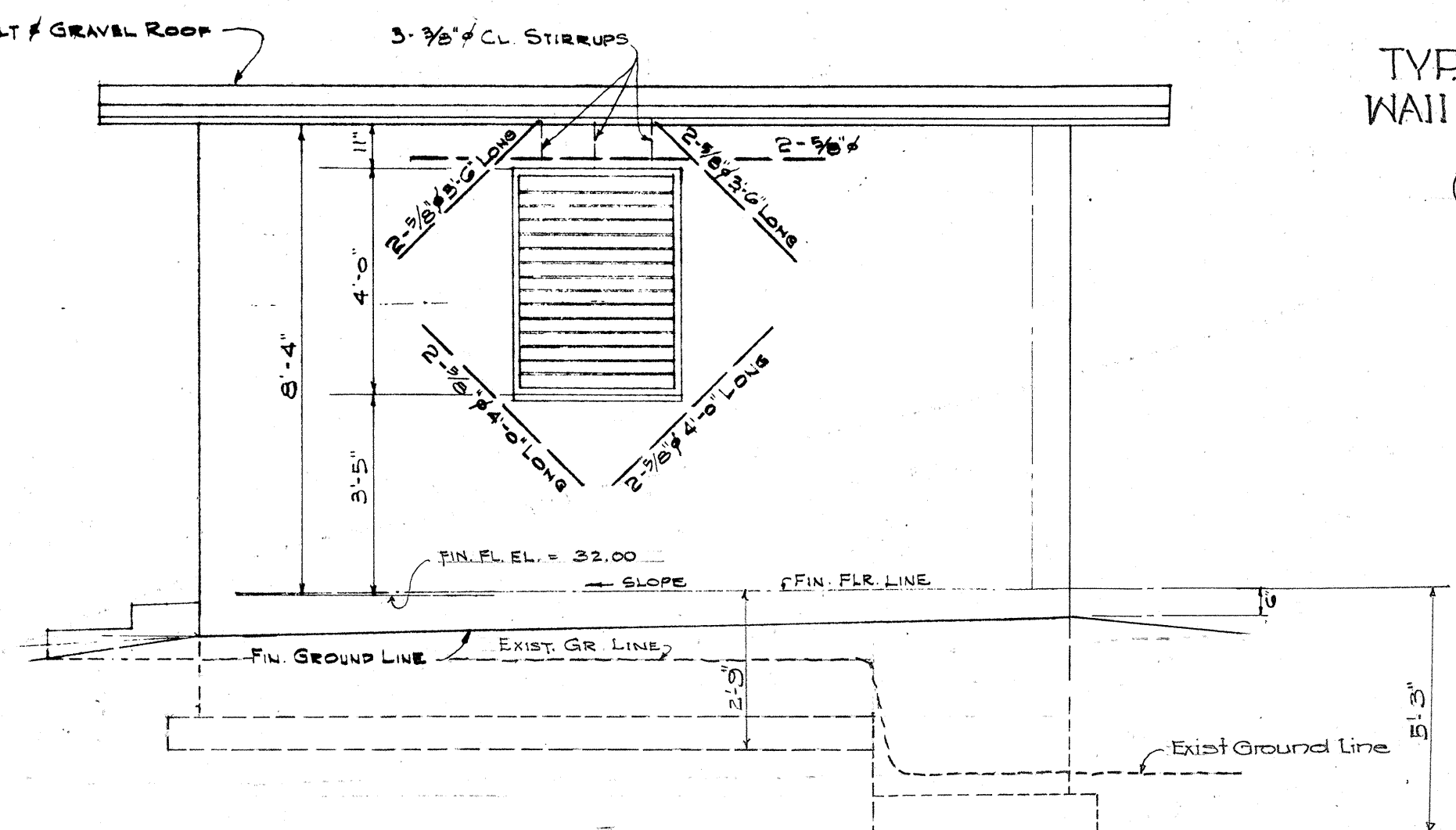
SECTION AT "A-A"
Scale: $\frac{3}{8}'' = 1'-0''$



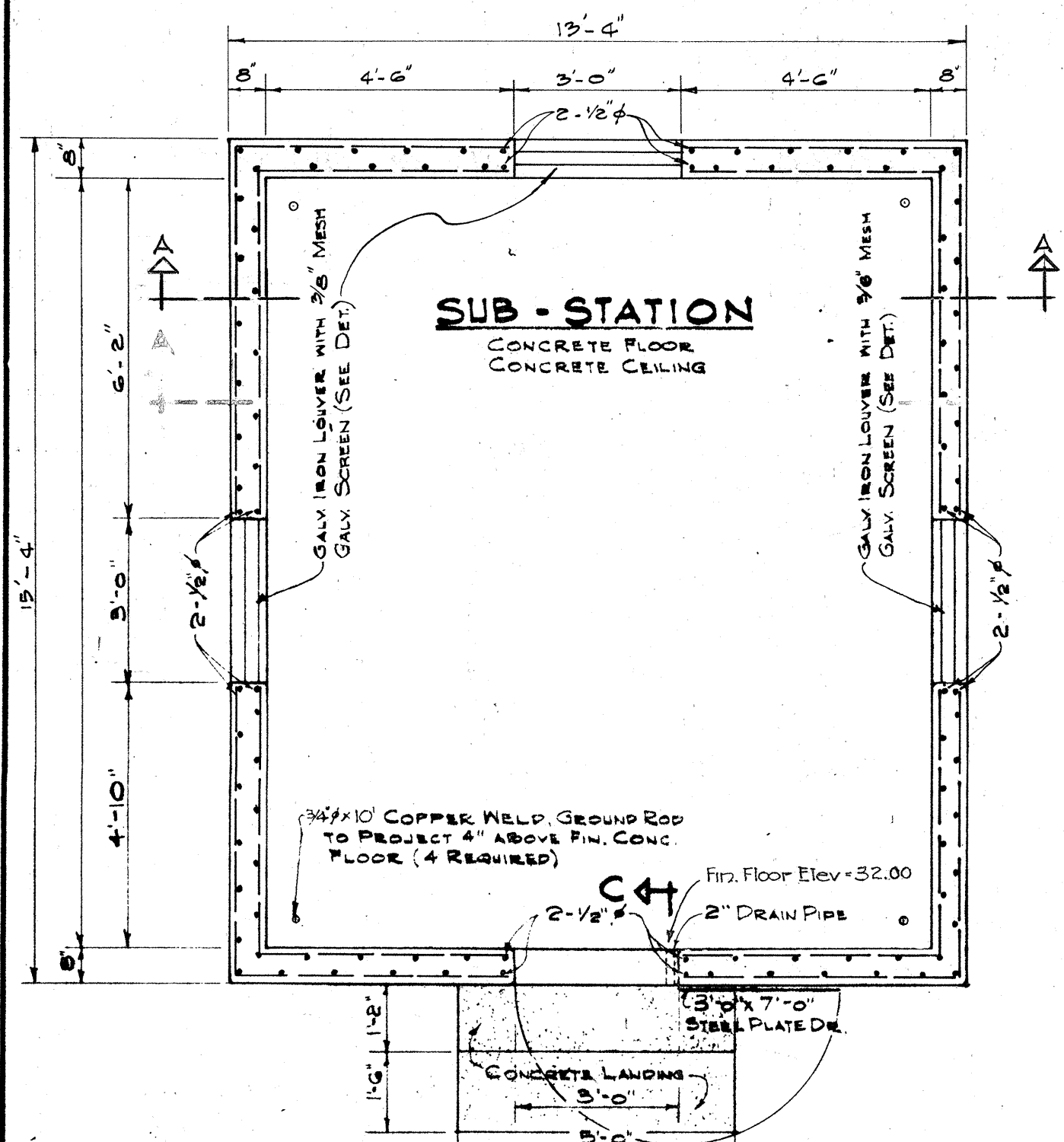
LOUVER DETAIL
SCALE: 3" = 1'-0"



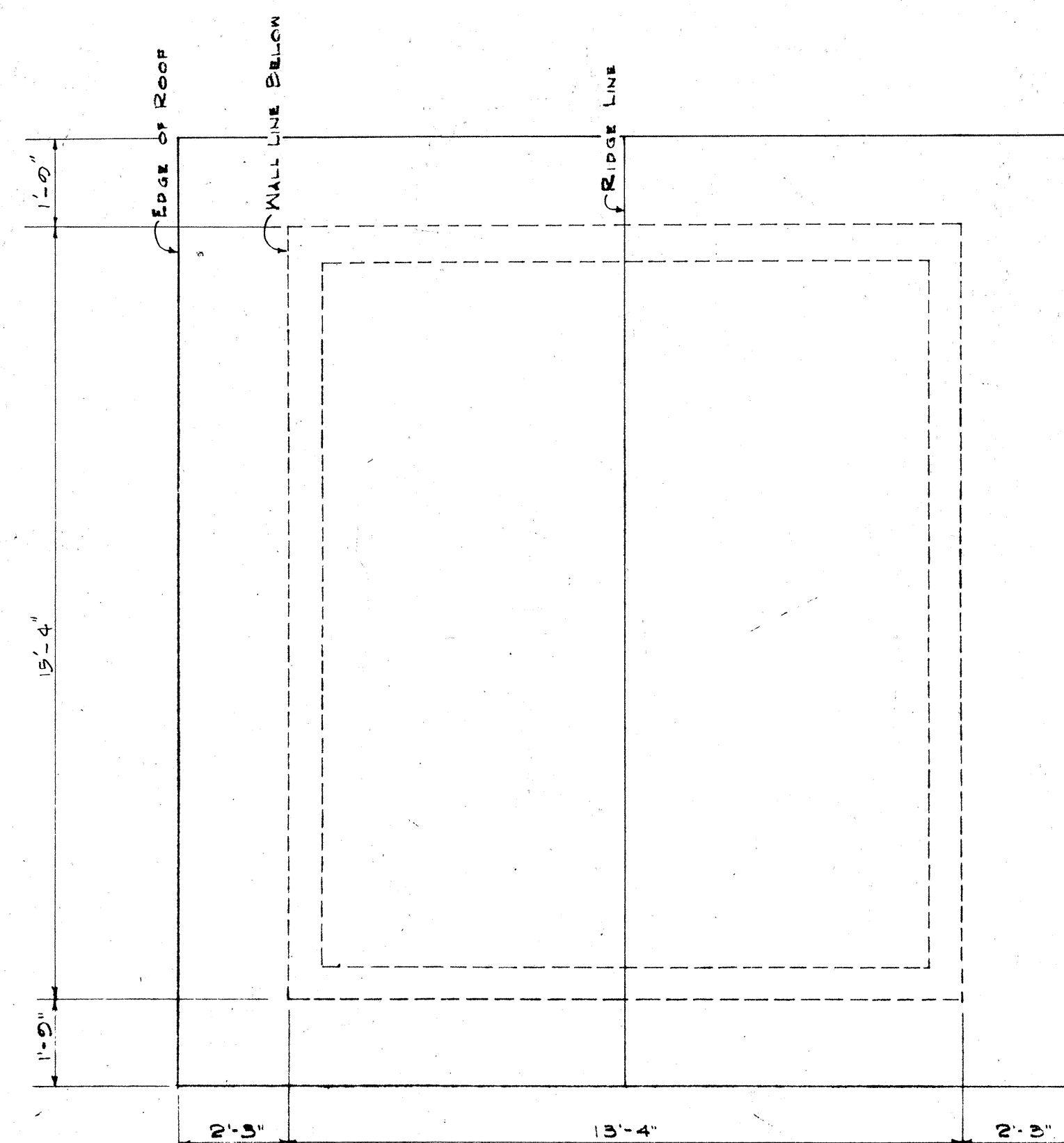
FRONT ELEVATION
Scale: 3/8"=1'-0"



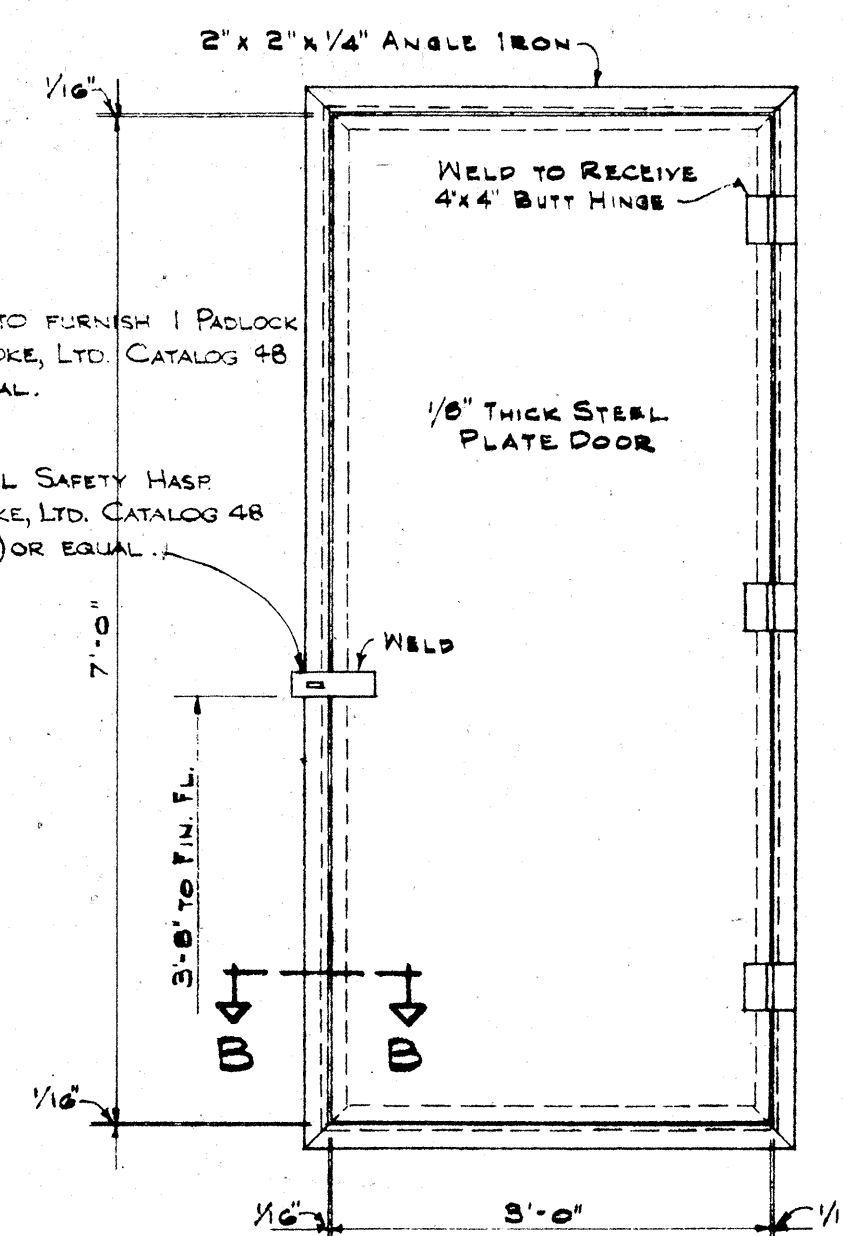
RIGHT SIDE ELEVATION
Scale: $\frac{3}{8}'' = 1'-0''$



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



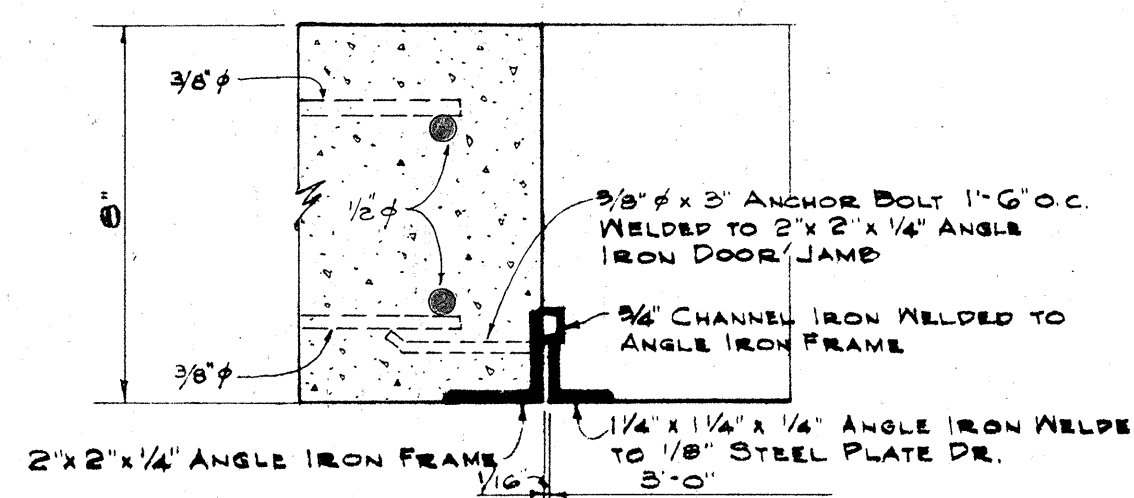
ROOF PLAN
SCALE: 3/8" = 1'-0"



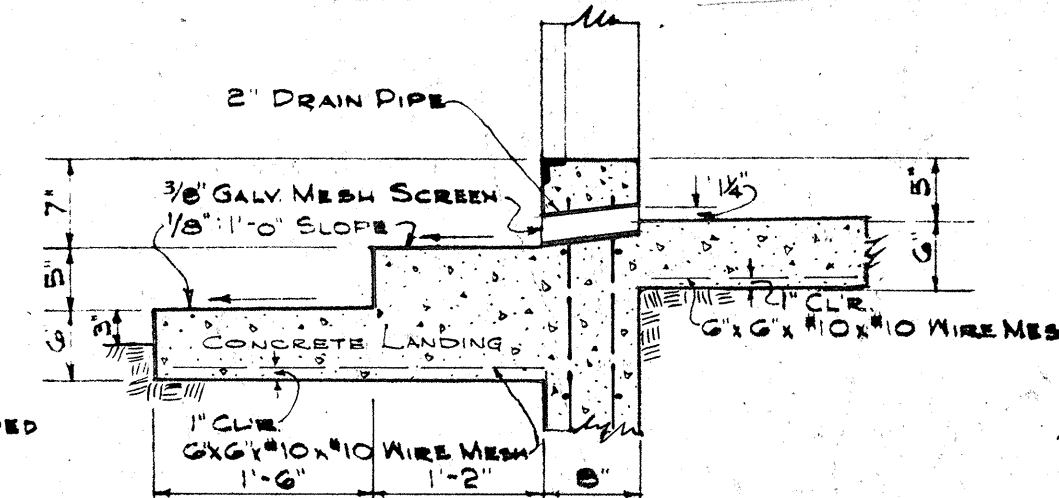
DOOR DETAIL
SCALE: 3/4" = 1'-0"

NOTE:
CONTRACTOR TO FURNISH 1 PADLO
(LEWERS & COOKE, LTD. CATALOG 4
*436) OR EQUAL.

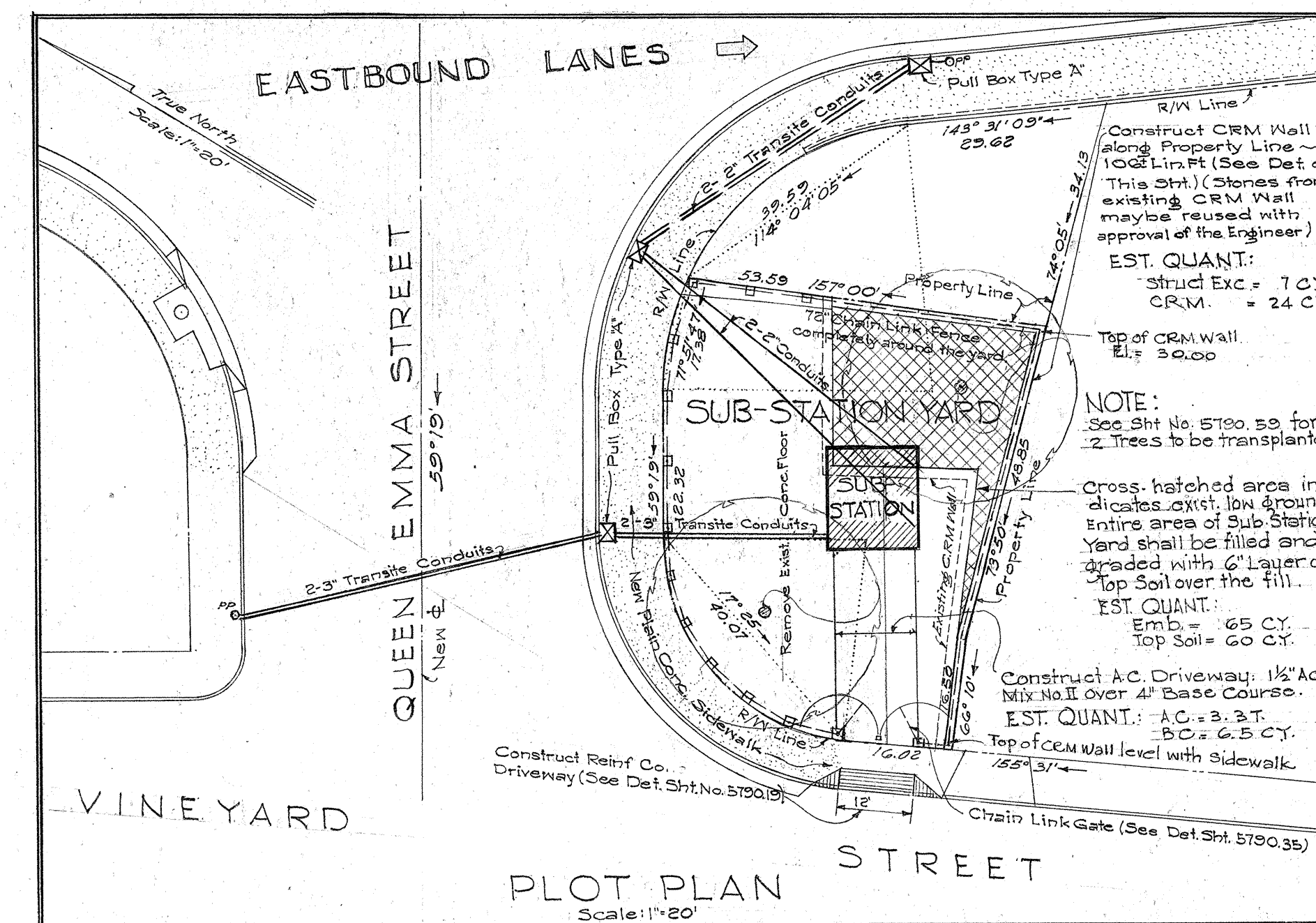
WROUGHT STEEL SAFETY HASP.
(LEWERS & COOKE, LTD. CATALOG 48
"D41 RBB-7½") OR EQUAL.



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



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



Construct CRM Wall
along Property Line ~
100 Lin. Ft (See Det.
This Sht.) (Stones from
existing CRM Wall
maybe reused with
approval of the Engineer)

EST. QUANT.:

Struct Exc. = 7 C
CRM. = 24 C

NOTE:
See Sht No. 5700. 50 for
2 Trees to be transplanted

Cross-hatched area indicates exist. low ground. Entire area of Sub-Station Yard shall be filled and graded with 6" Layer of Top Soil over the fill.

Emb. = 65 CY.
Top Soil = 60 CY.

QUANT.: A.C. = 3.3 T.
BC = 6.5 CY.

Gate (See Detention)

51.371.5(90.35)

TERRITORIAL HIGHWAY DEPARTMENT
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HIGHWAY LIGHTING SYSTEM
VINEYARD THOROUGHFARE
NUUANU AVE. TO LUSITANA ST.
PROJECT No F-098-1(1)
UNIT 2

Scale: As Noted July 1956

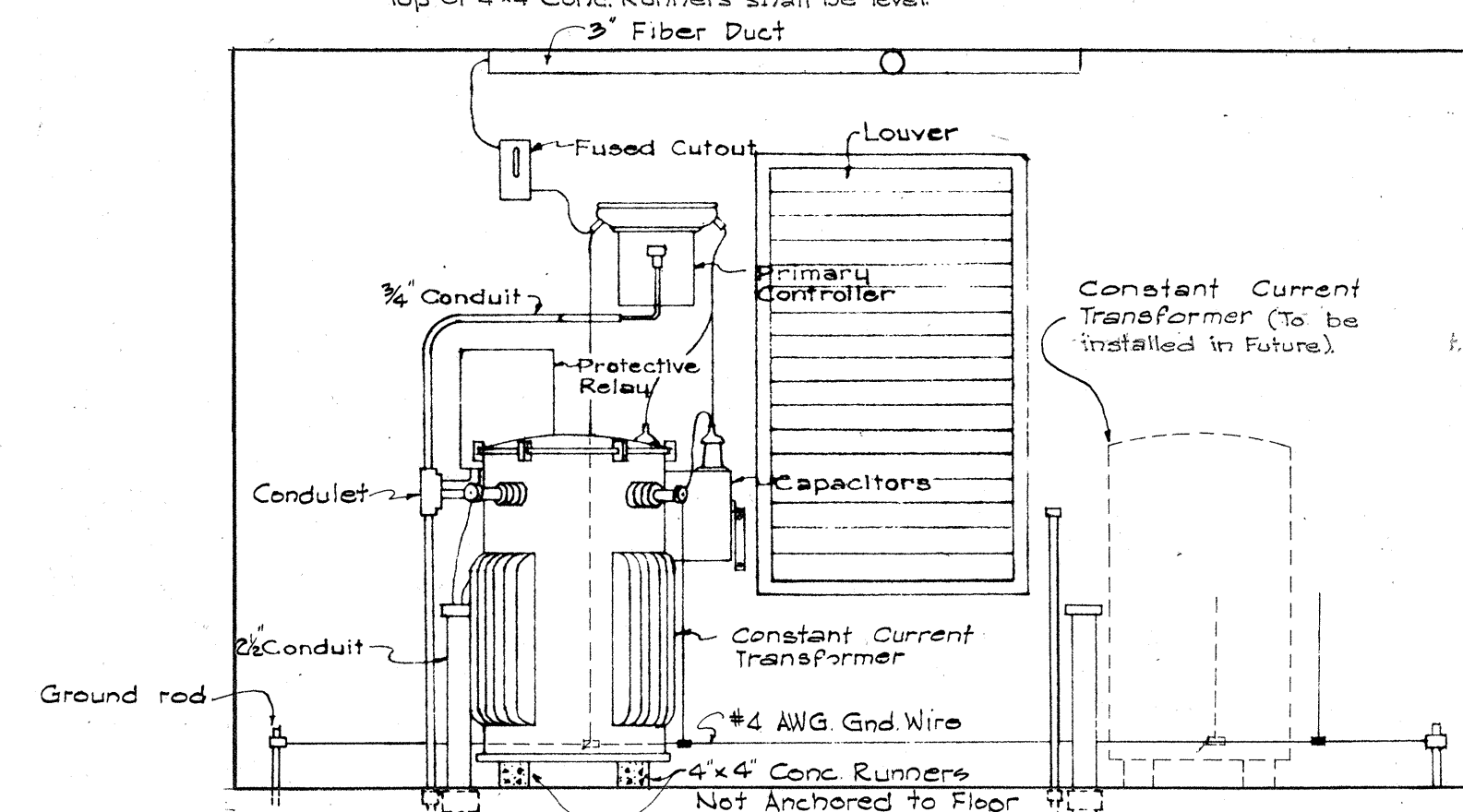
SHEET No. 3 OF 4 SHEETS

No As-Built Changes on this Sheet.

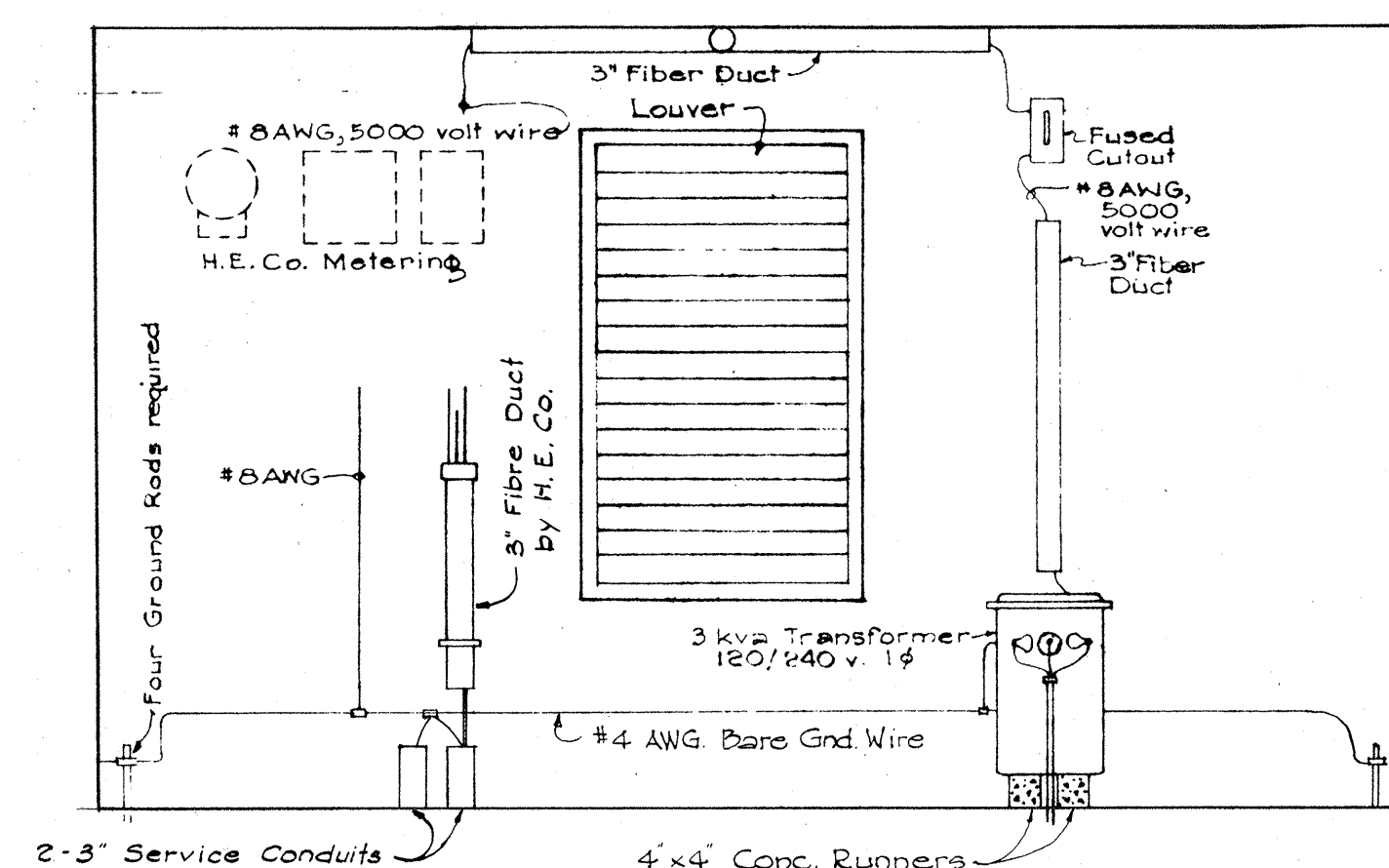
5790.341

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW.	F-098-1(1) UNIT 2	1956	35	70

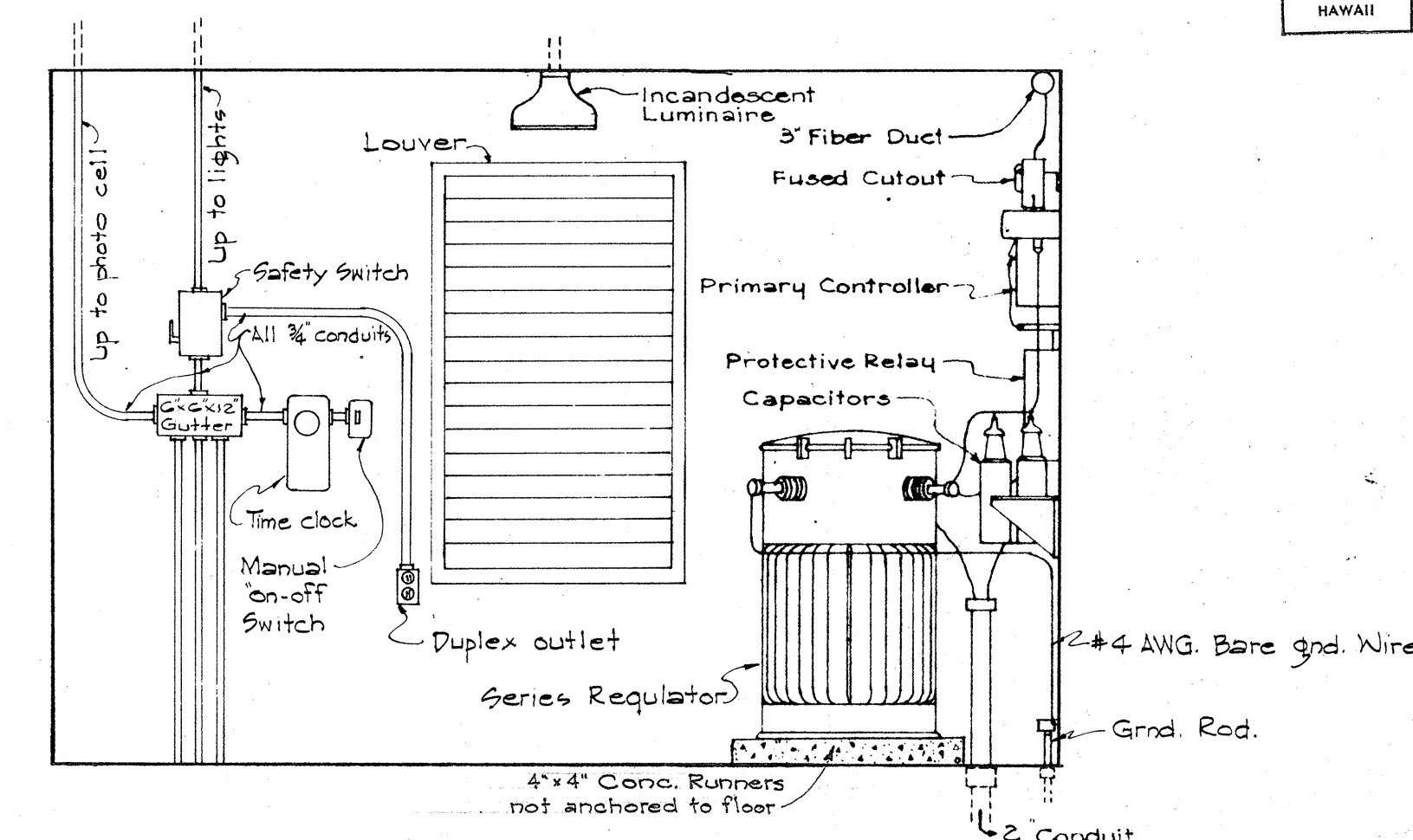
NOTE:
All taps from 2400 volt bus to equipment
to be #8 AWG, 6000-7000 volt wire
Top of 4"x4" Conc. Runners shall be level.



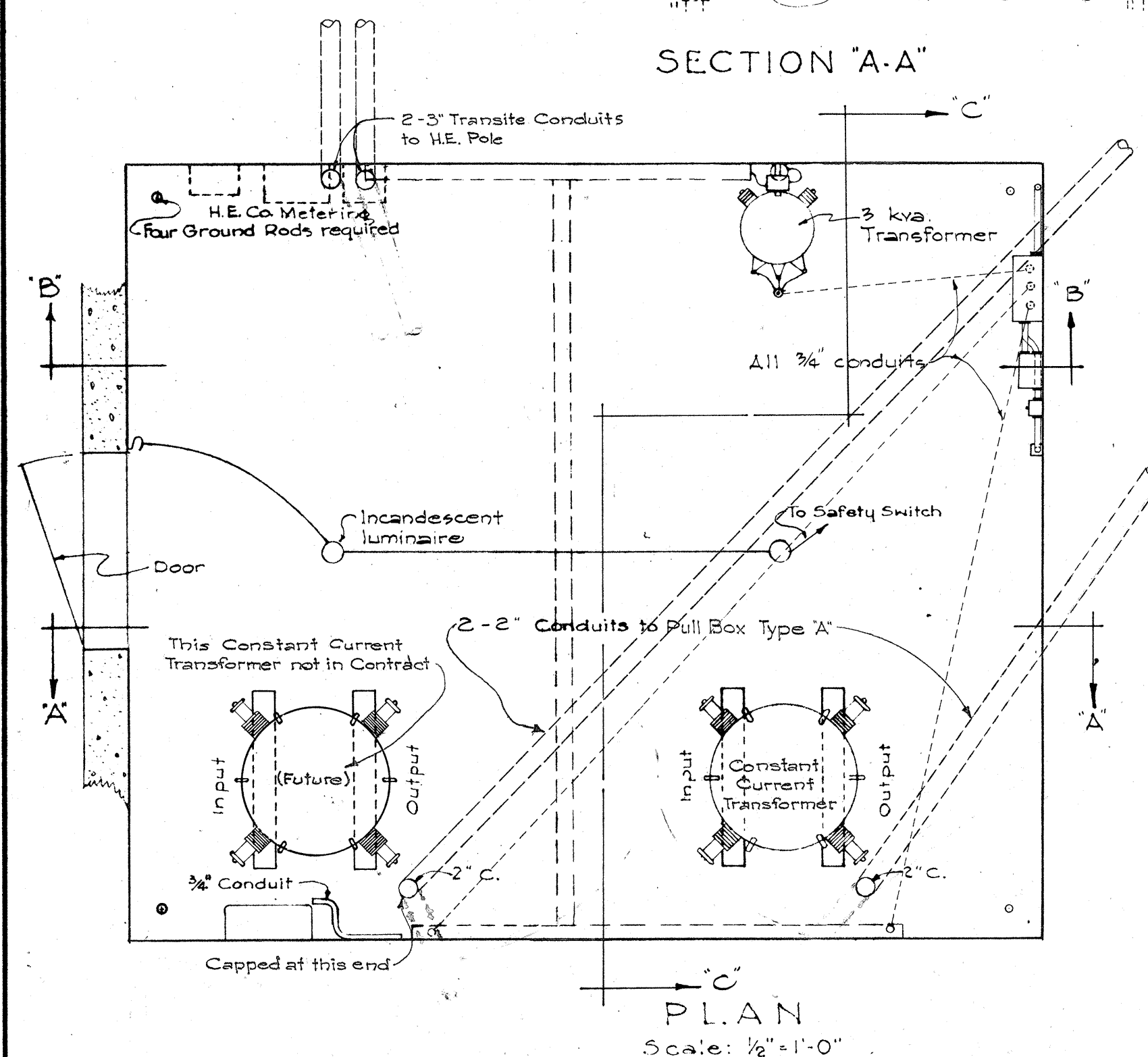
SECTION "A-A"



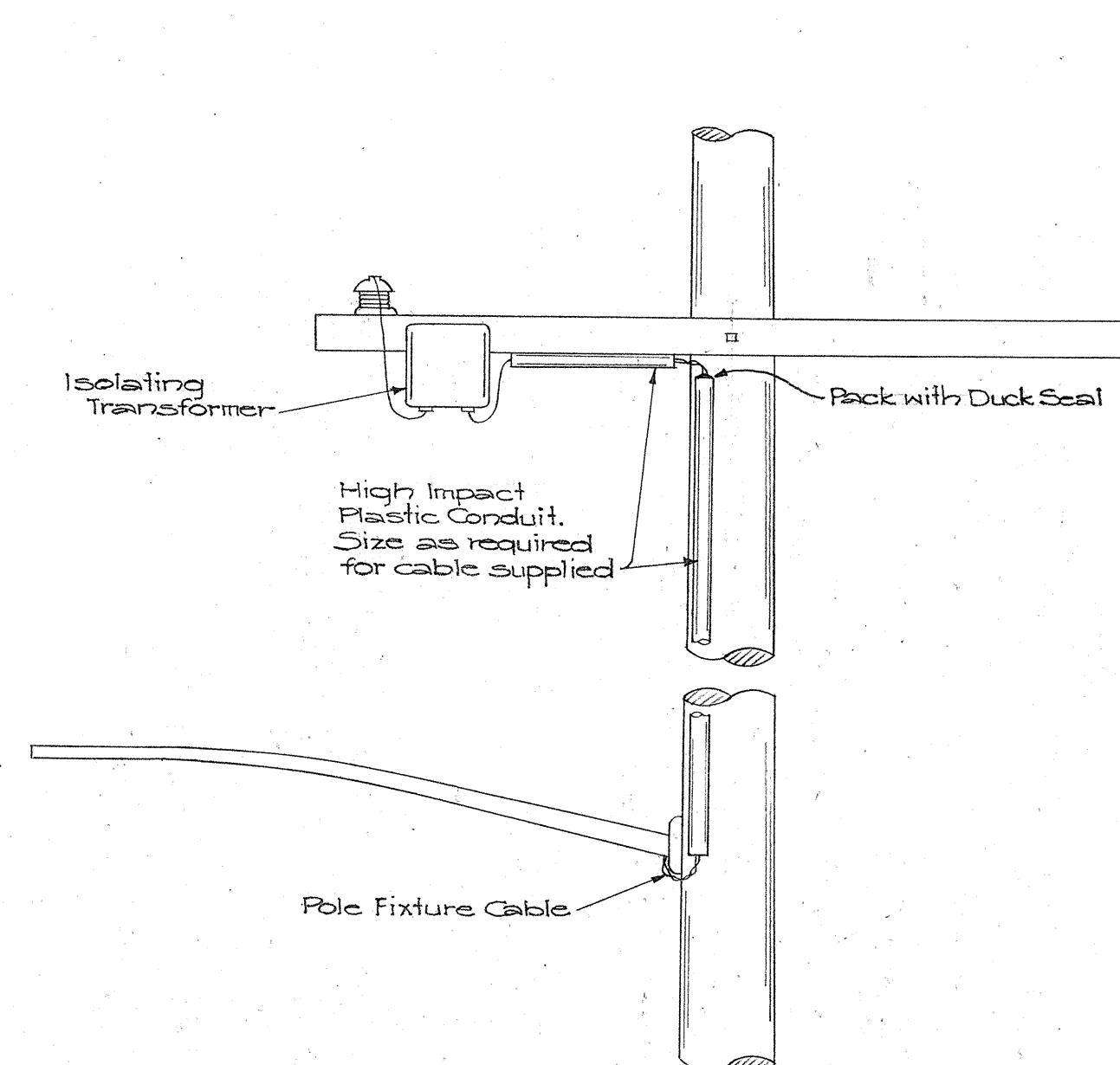
SECTION "B-B"



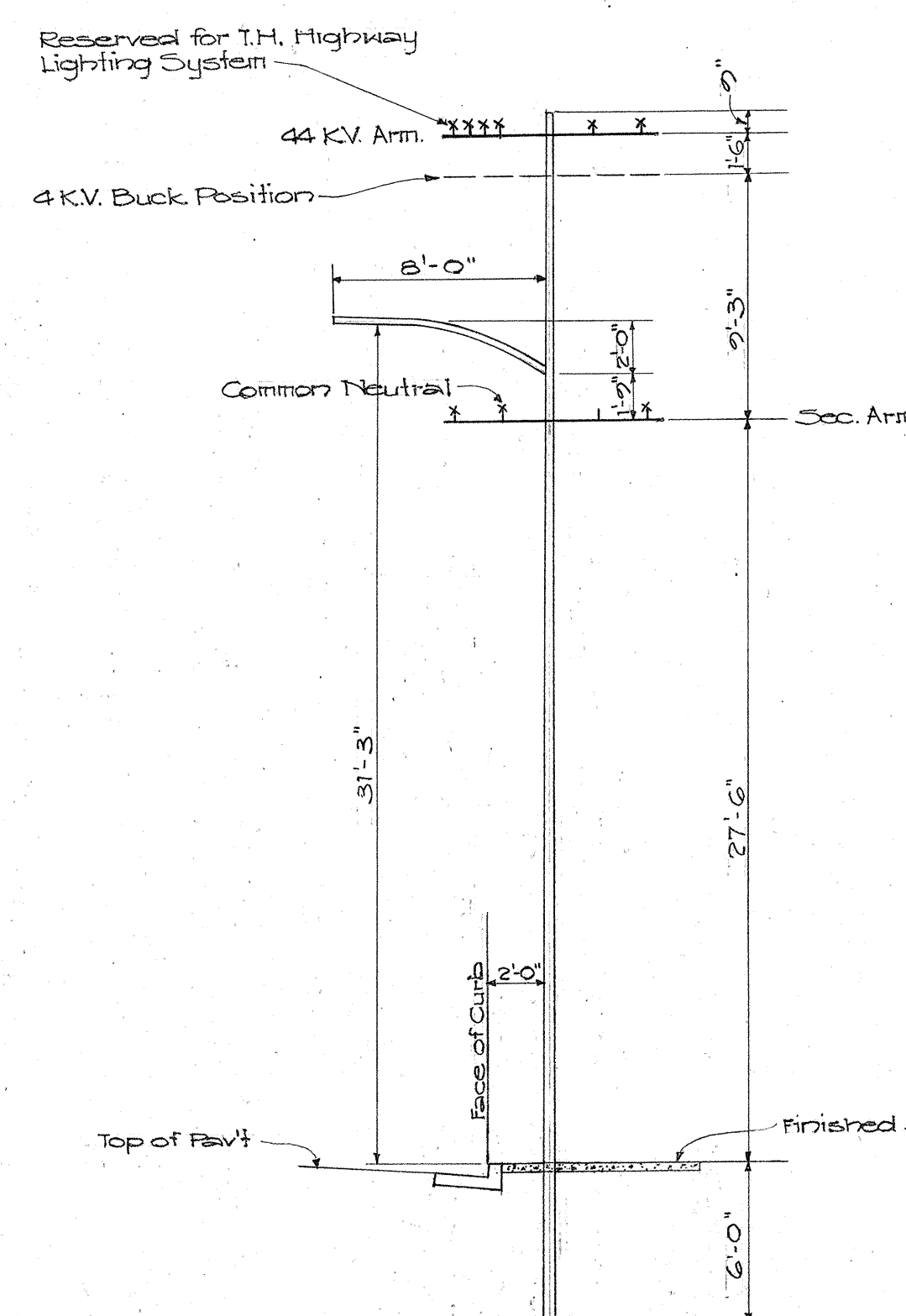
SECTION "C-C"



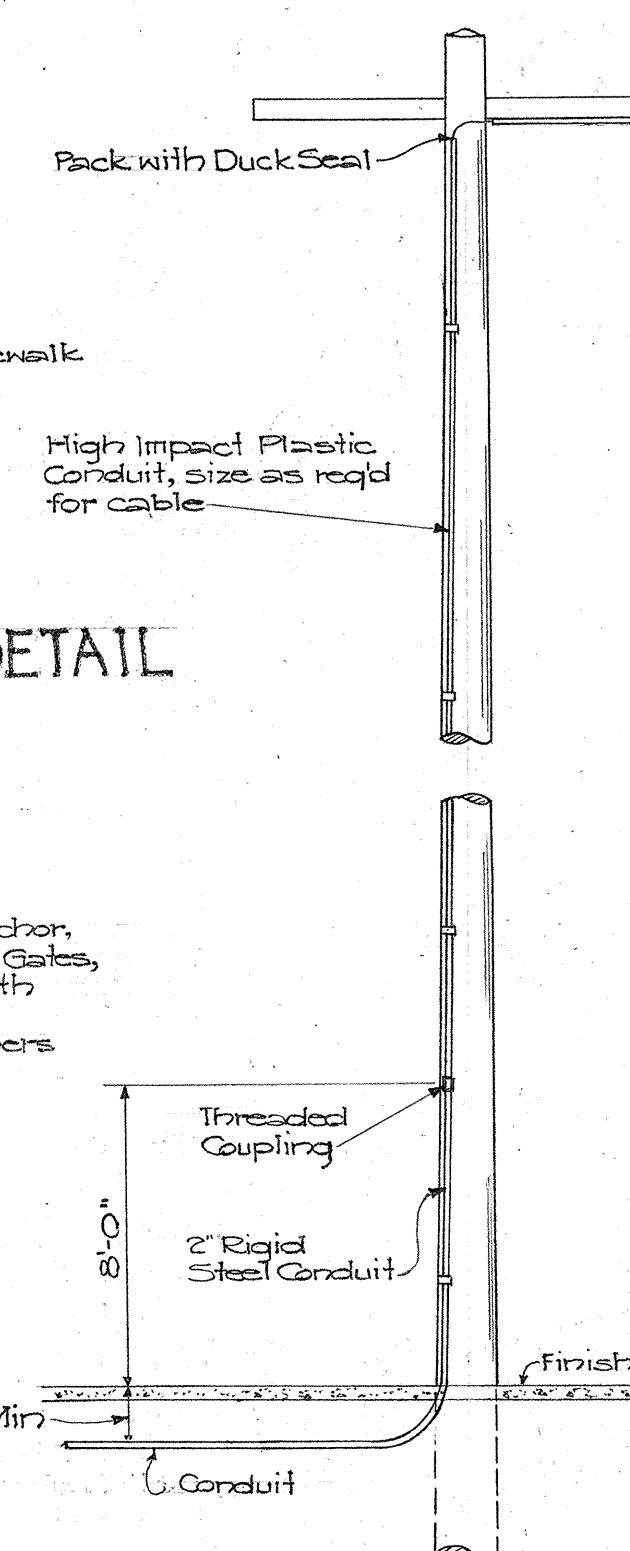
PLAN
Scale: $\frac{1}{2}" = 1'-0"$



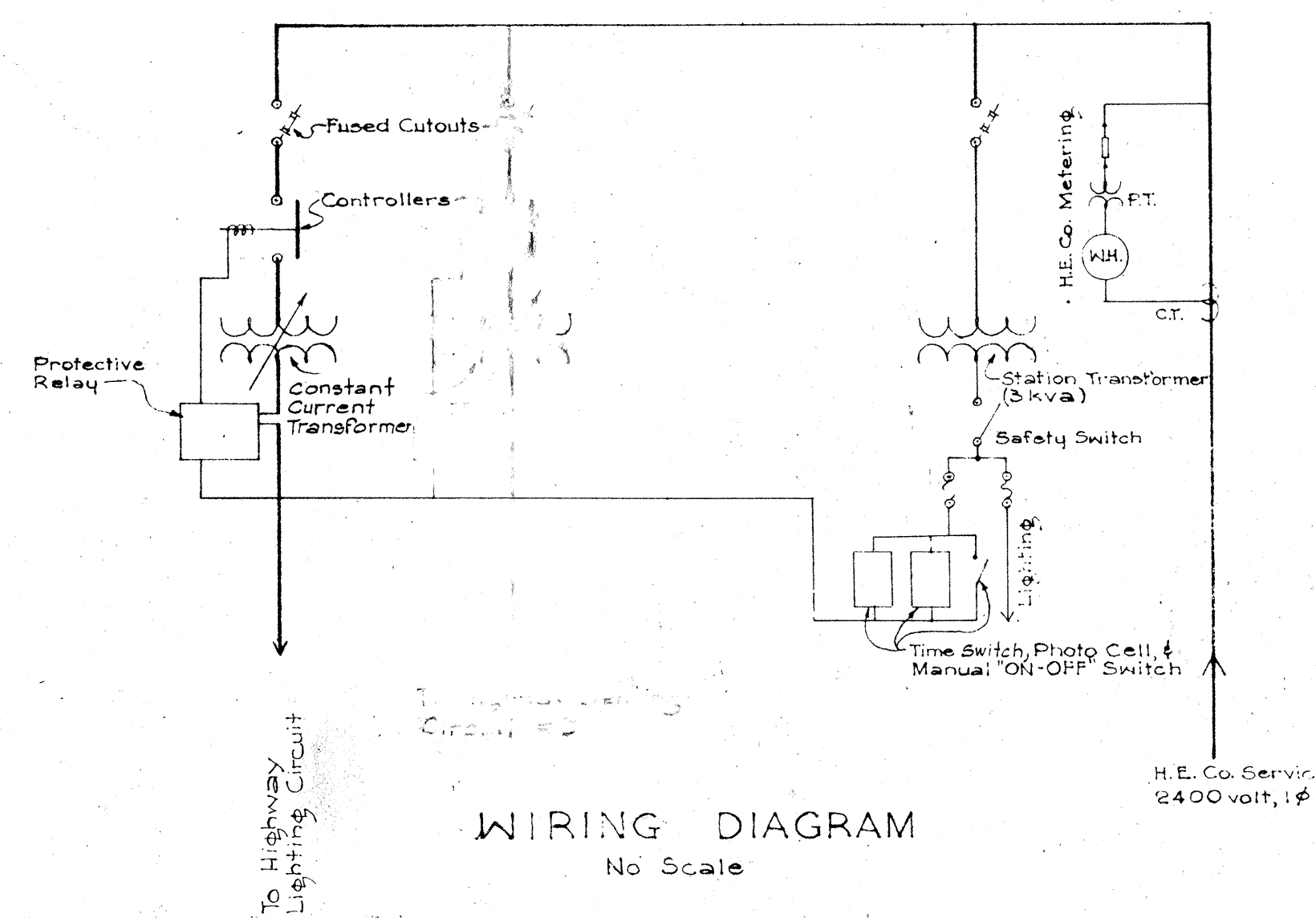
POLE TOP ARRANGEMENT
Not to scale



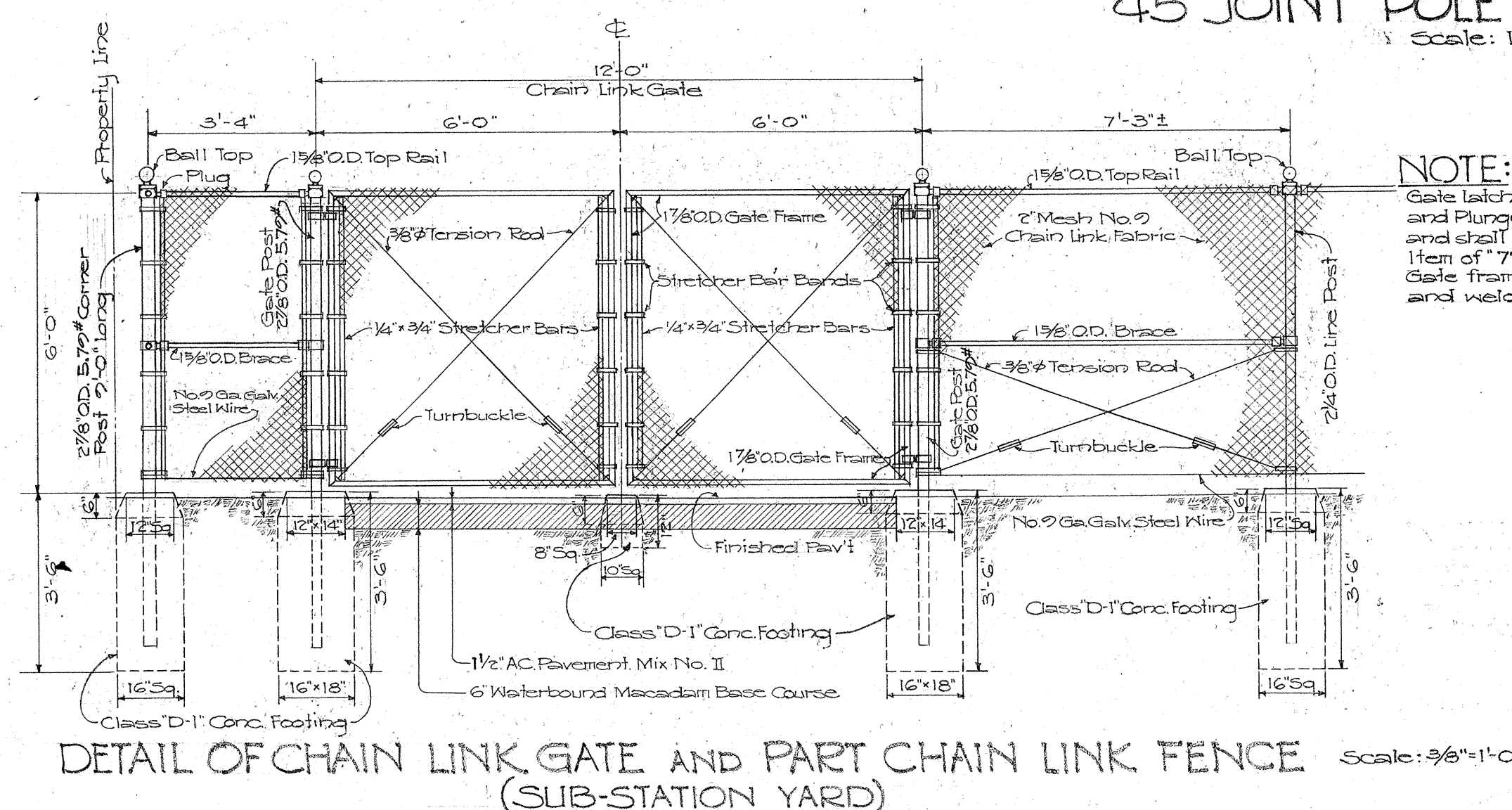
45° JOINT POLE FRAMING DETAIL
Scale: 1" = 6'-0"



HIGHWAY LIGHTING POLE RISER
Not to scale.

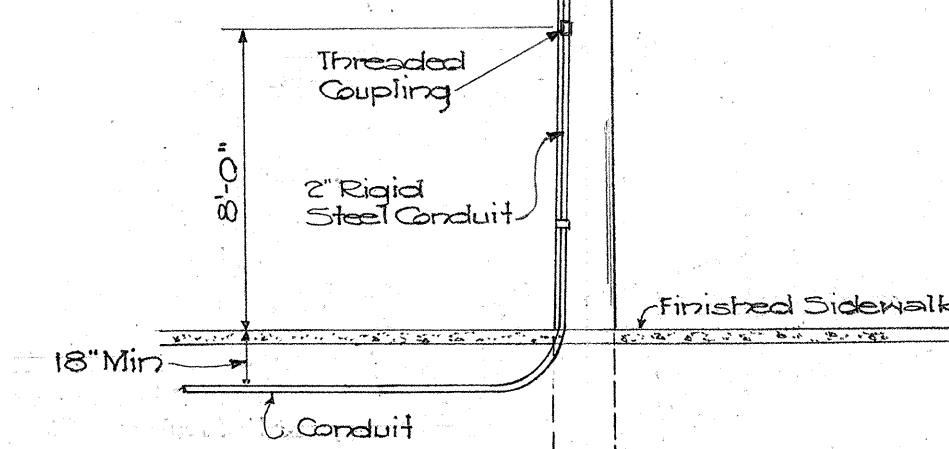


WIRING DIAGRAM
No Scale



DETAIL OF CHAIN LINK GATE AND PART CHAIN LINK FENCE
(SUB-STATION YARD)

NOTE:
Gate latch and lock, Flush Plate and Anchor, and Plunger Bar shall be installed with Gates, and shall be considered as included with Item of "72" Chain Link Fence".
Gate frames shall be mitered at corners and welded.



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PROJECT N^o F-098-1(I)
UNIT 2

Scale: As Noted July 1956

SHEET No. 4 OF 4 SHEETS

No As-Built Changes on this Sheet.

5790.35