

LEGEND AND EQUIPMENT SUMMARY

Symbol	Luminaire	Total No.	Lamp Wattage	Const. Current Transf. Cap. G.G. Amps	Avg. Calc'd Foot Candles on Pavement
Item M ○ ○	Type III or IV Luminaire	44	19.8 KW.	36.5 K.W.	0.6

Luminaire will overhang edge of pavement 5'-0". At important intersection, Avg. Illumination is 0.8 ft candle. Mounting Height - 30 ft.
Overhead Wire No. 6 on Wood Poles
Underground Cable No. 6 buried in trench
Cable in 2" and 3" Conduit
Cable in 2" Transite Duct
Standards - Round Monotube Union Metal Mfg. or equal
Wood Pole - Existing or New, with bracket
Pull Box
Concrete Sidewalk

NOTE: Unless otherwise indicated all conduit shall be 2"

GENERAL NOTES

All conduit shall be hot-dipped galvanized pipe 2" and 3" nominal diameter.

All conduit, cables, and ducts shall be laid to a depth of not less than 18" and not more than 24" below finished grade of road.

Conduit, cables, and ducts shall extend at least 24" clear of curb or edge of pavement.

All conduit and duct ends shall be carefully marked and left cleaned with standard pipe caps.

White lead paint shall be used on threads of all joints.

Conduit and duct runs shall be accurately located either by markers in pavement or curb, or by means of a location map, fixing ends of conduit and duct runs to existing structures, permanent land marks.

See Sheets No. 5364.7 to No. 5364.9 inclusive for location of utility lines.

Transite duct shall be Johns-Manville transite conduit or equal.

Anchor bolts to be installed in retaining wall for the Monotube Lighting Standards are a part of this contract. Payment for same shall be incidental to Class "D-1" Concrete.

Concrete Bases for Monotube Lighting Standard shall be Class "B-1" Concrete and shall be paid for under the item of "Bases for Light Standards."

NOTE

Where underground cable not in conduit or duct lead into pull box or base for monotube lighting standard, provide a short 2" galvanized pipe sleeve at pull box and 2" conduit on bend at the base for monotube lighting standard.

END OF LINE "B"
PROJ. No. FU44(3) 1st UNIT
Sta. 2+37.29

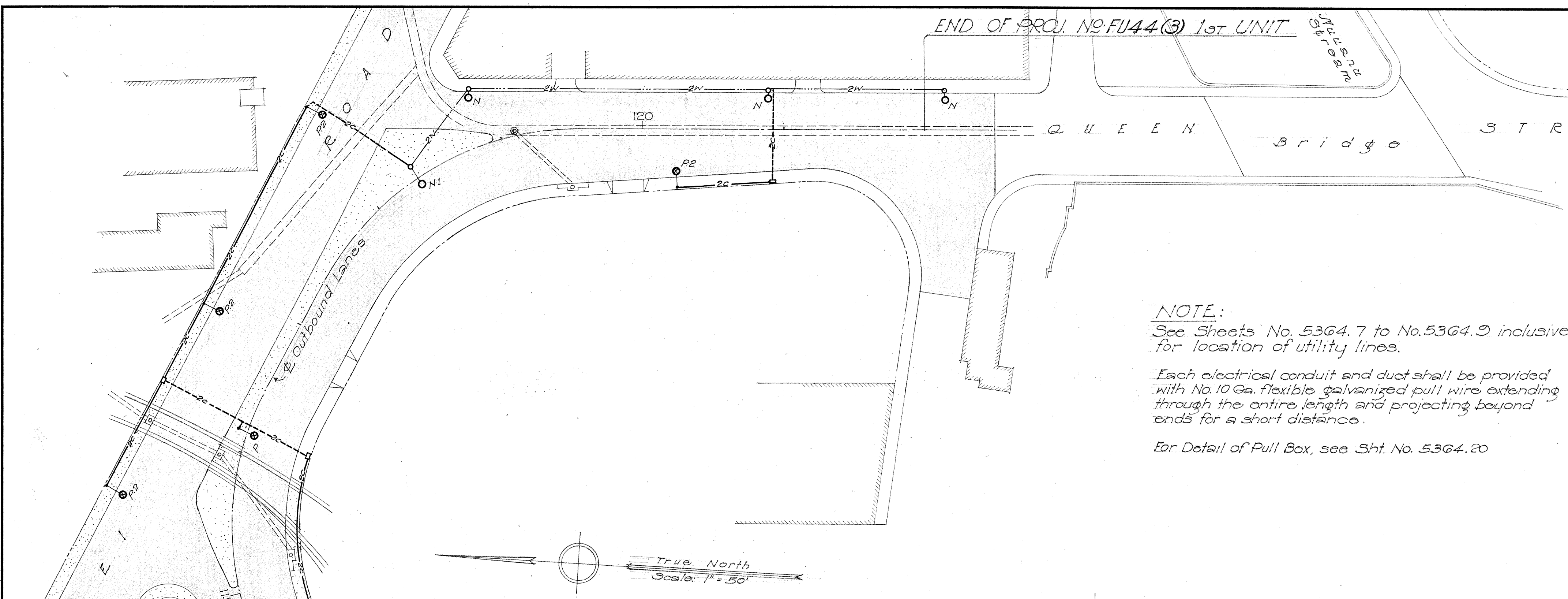
TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
CONDUIT LAYOUT FOR
HIGHWAY LIGHTING SYSTEM
HONOLULU-PEARL HARBOR ROAD
PROJECT No. FU44(3) 1st UNIT
Scale: 1"=50' April, 1949

SHEET No. 1 OF 2 SHEETS

5364.14

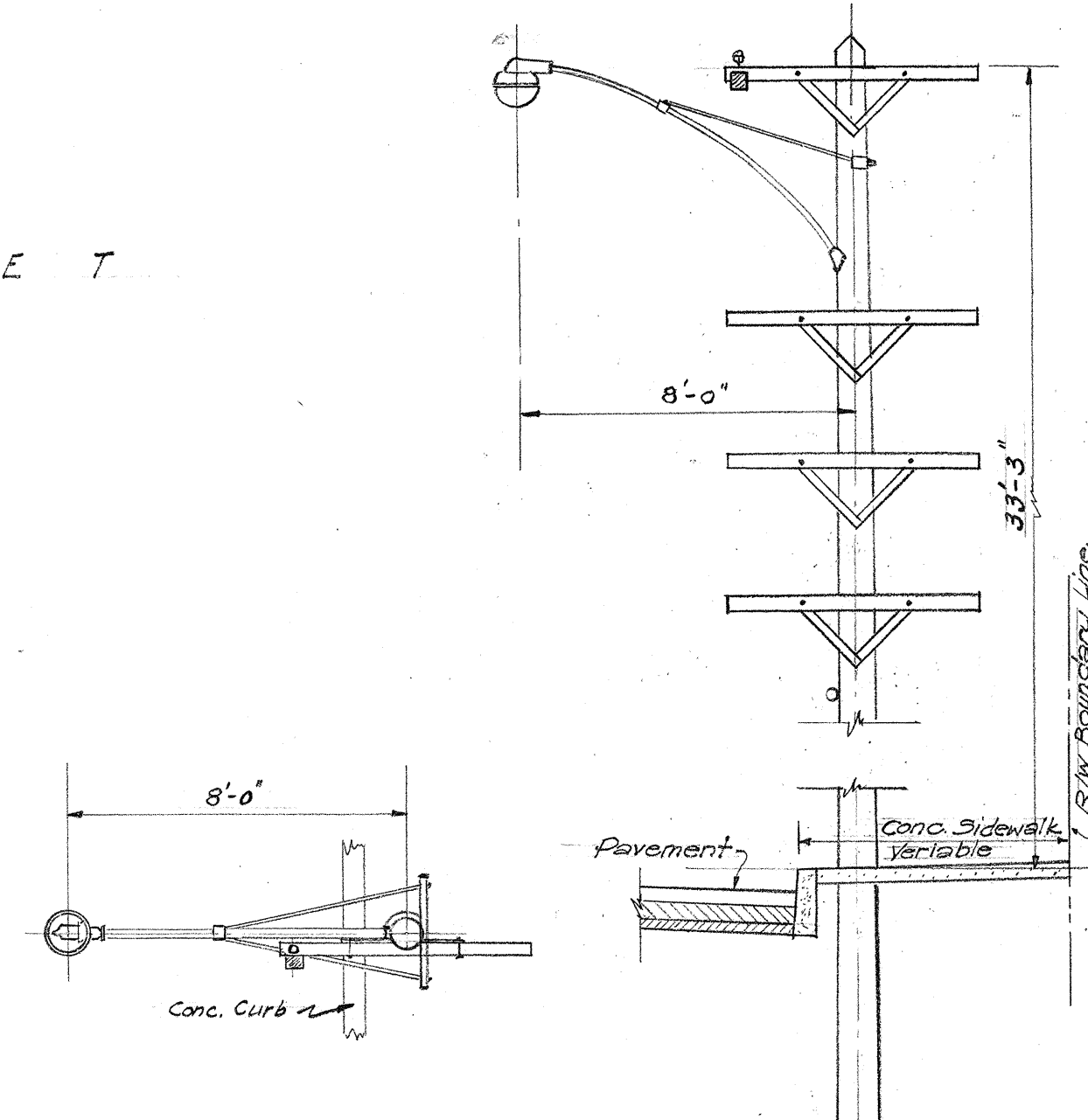
5364.14

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FU 44(3)	1948	15	41

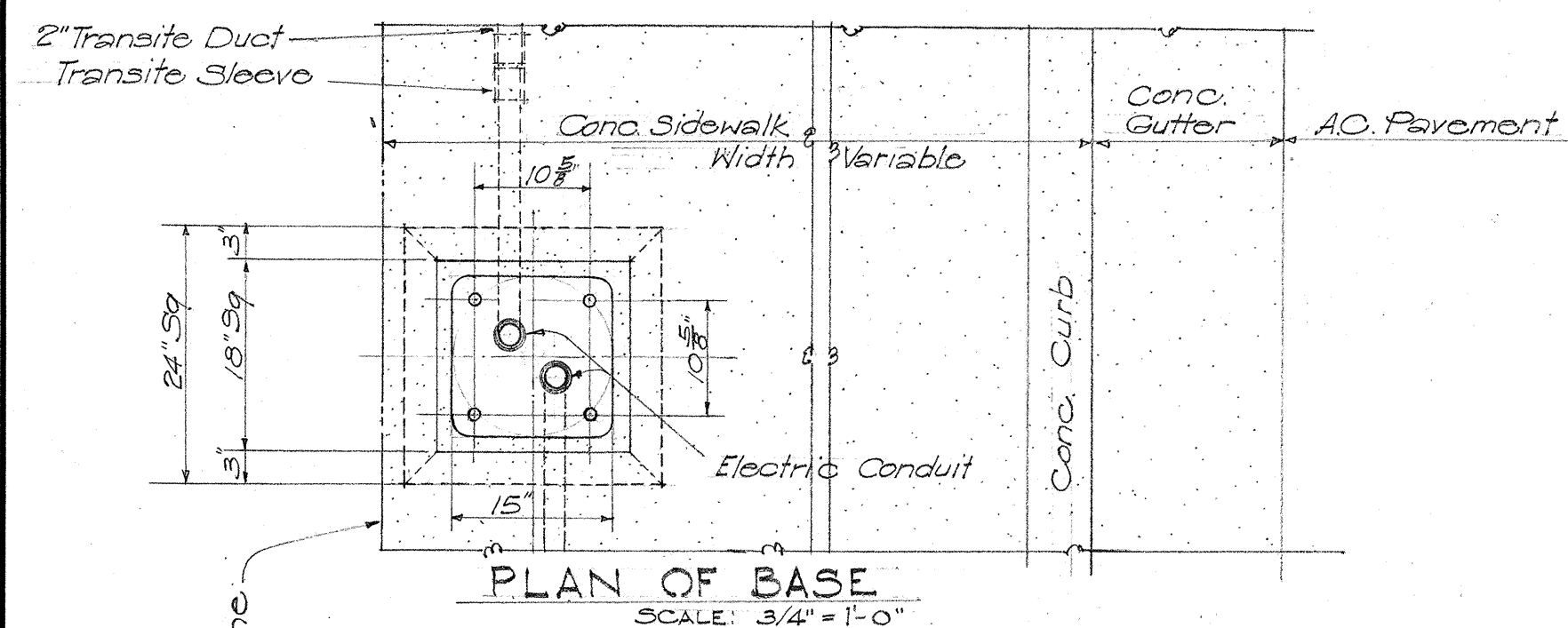


CONDUIT LAYOUT FOR
HIGHWAY LIGHTING SYSTEM

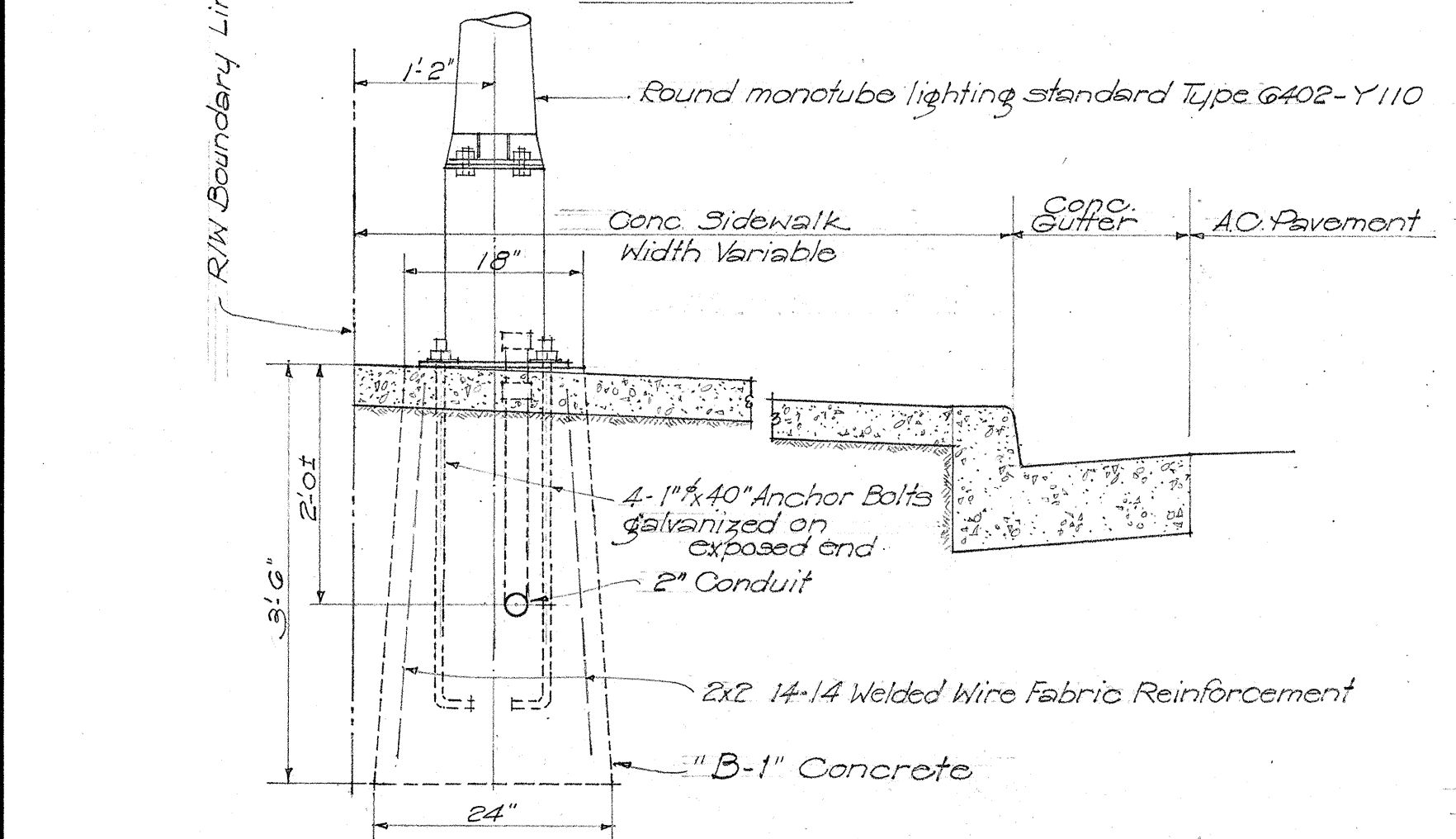
NOTE:
See Sheets No. 5364.7 to No. 5364.9 inclusive for location of utility lines.
Each electrical conduit and duct shall be provided with No. 10 Ga. flexible galvanized pull wire extending through the entire length and projecting beyond ends for a short distance.
For Detail of Pull Box, see Sht. No. 5364.20



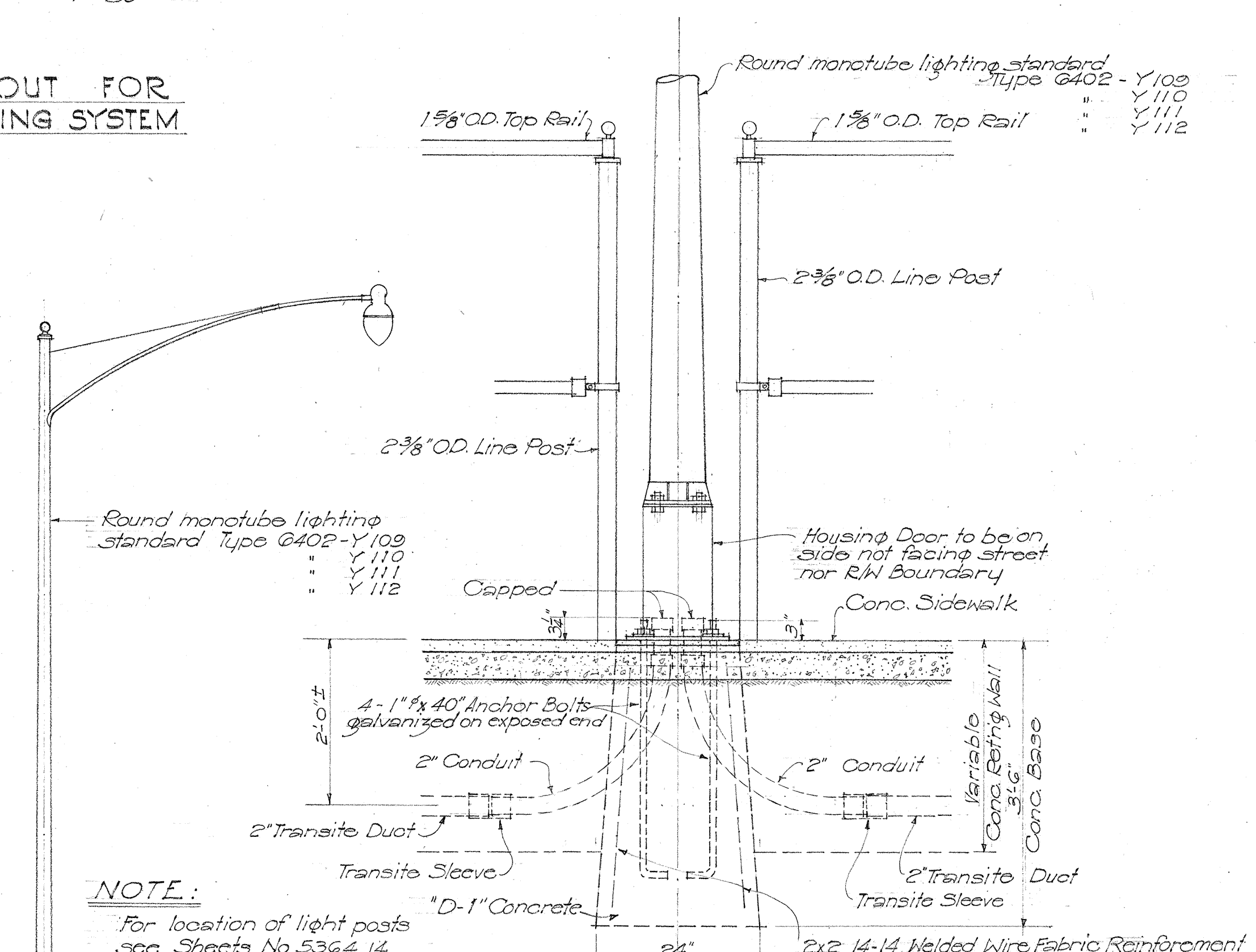
PLAN ELEVATION
JOINT POLE BRACKET MOUNTING
Scale: 1/4" = 1'-0"



PLAN OF BASE
SCALE: 3/4" = 1'-0"

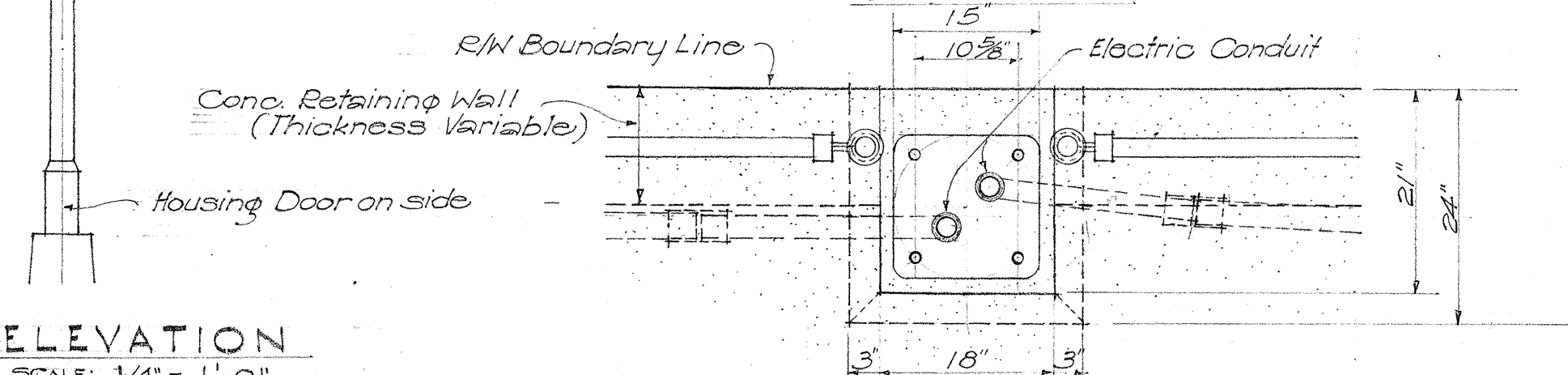


ELEVATION SHOWING LIGHT POLE
ON CONCRETE BLOCK
SCALE: 3/4" = 1'-0"



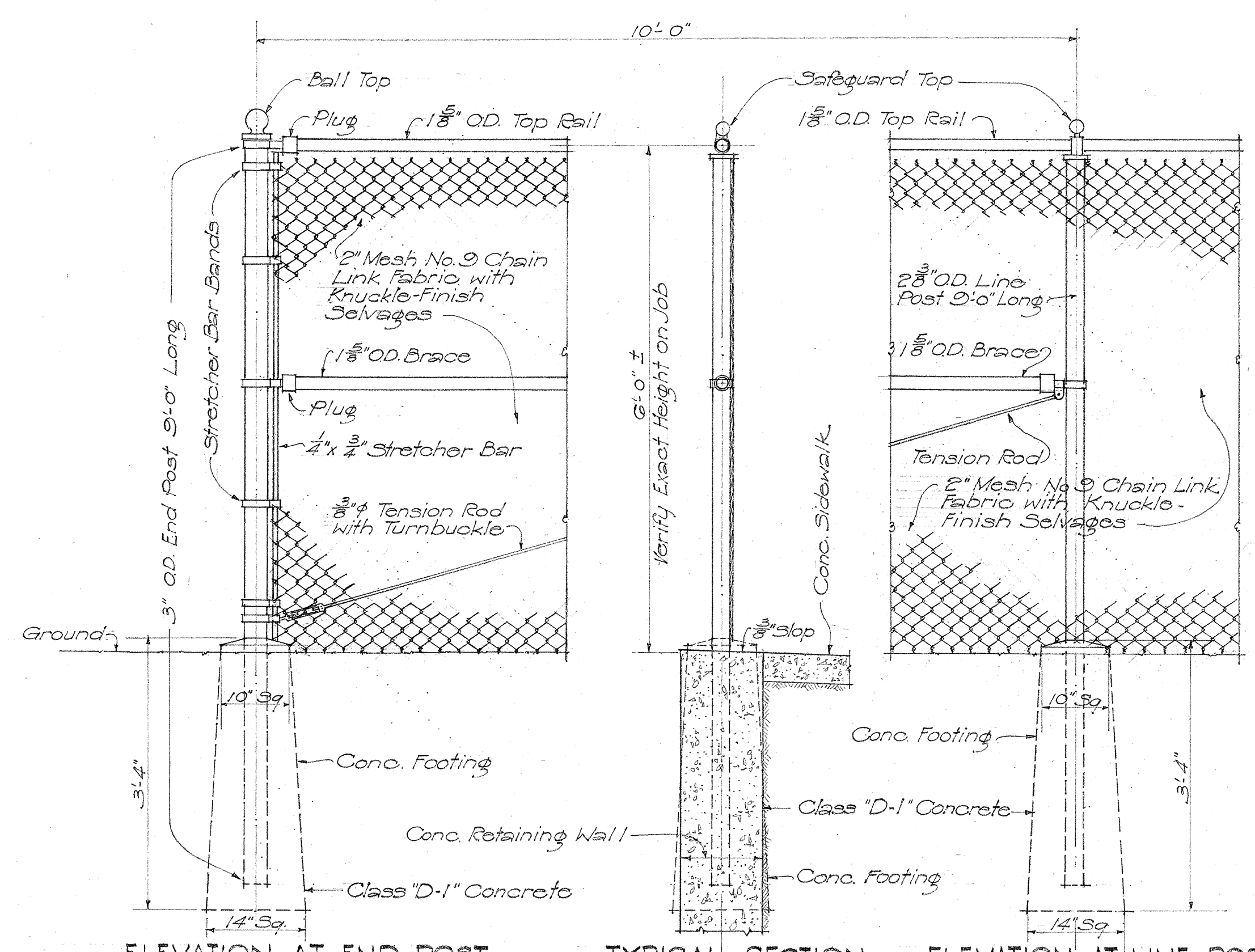
NOTE:
For location of light posts see Sheets No. 5364.14 and this sheet.

ELEVATION SHOWING LIGHT POLE
ON RETAINING WALL
SCALE: 3/4" = 1'-0"



PLAN OF BASE
SCALE: 3/4" = 1'-0"

DETAIL OF ROUND MONOTUBE
LIGHTING STANDARD - TYPE G402-Y110
BRACKETS Y109, Y111 & Y112 SIMILAR TO Y110 EXCEPT LENGTH.



ELEVATION AT END POST TYPICAL SECTION ELEVATION AT LINE POST
DETAIL OF CHAIN - LINK FENCE
SCALE: 3/4" = 1'-0"

NOTE:
Omit Conc. Footing where Conc. Retaining Wall occurs at R/W Boundary Line.

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
CONDUIT LAYOUT FOR
HIGHWAY LIGHTING SYSTEM
DETAIL OF LIGHTING STANDARD
AND CHAIN - LINK FENCE
HONOLULU - PEARL HARBOR ROAD
PROJECT NO. FU 44 (3) 1st UNIT
SCALE: AS NOTED APRIL 1949

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
CHECKED BY: _____
ORIGINAL PLAN: _____
NOTE BOOK: _____
No. _____