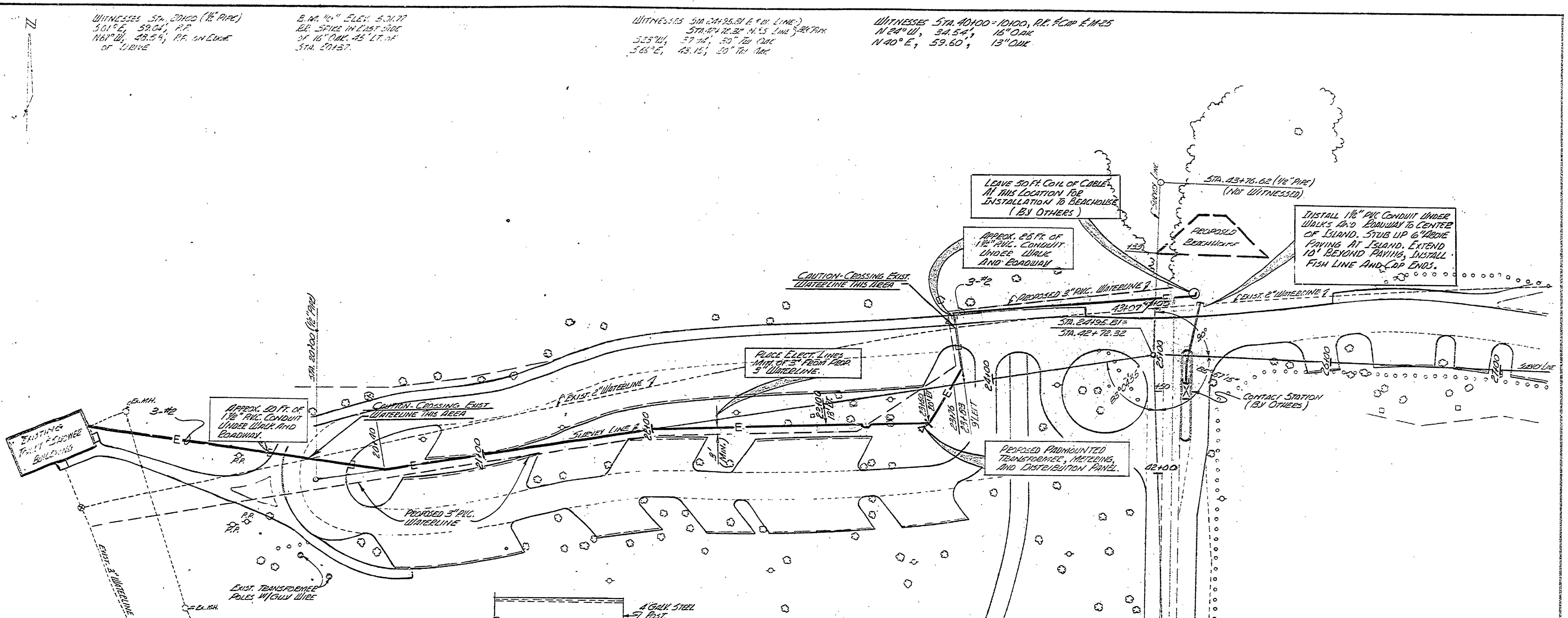
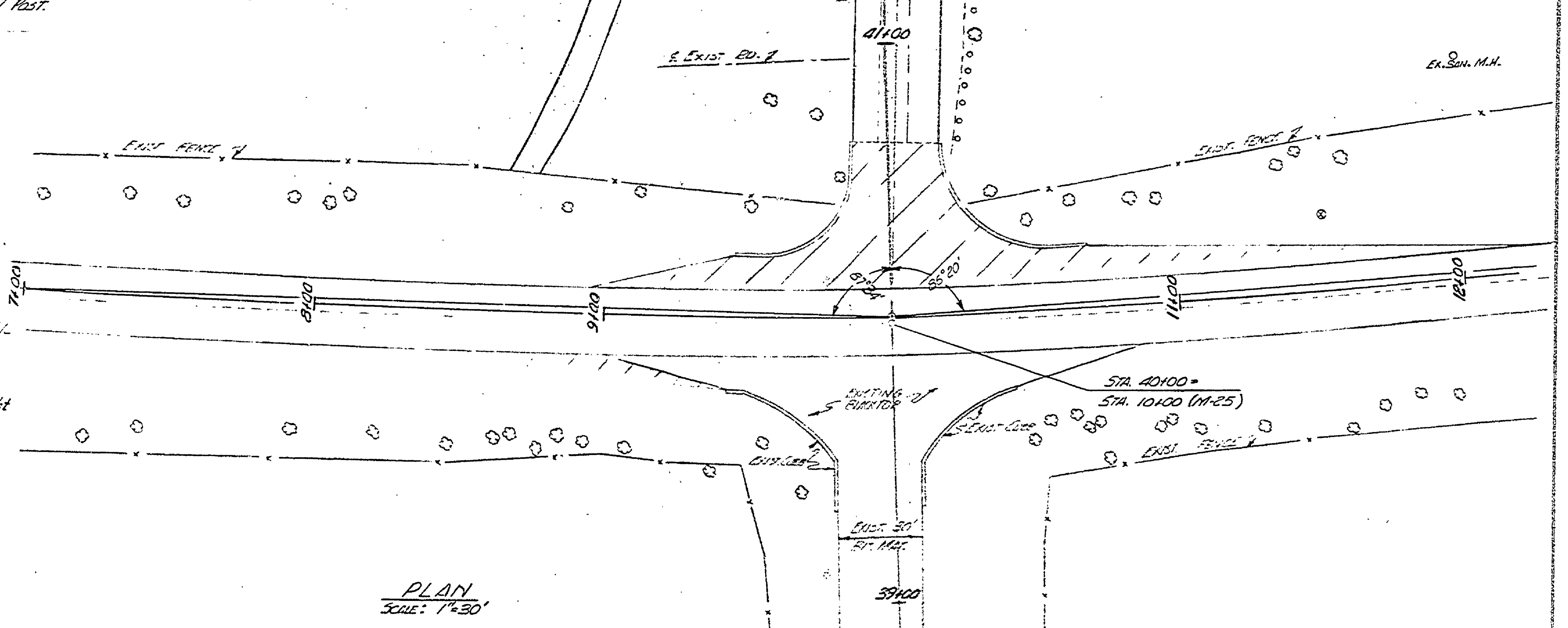




CONSTRUCTION NOTES:

All Secondary Electrical Work to be in Accordance With the 1971 N.E.C.

Secondary Cable to be Direct Buried 30 in. Min. Below Grade Except Where Noted. Sizes Shown are For Stranded Aluminum Type USE (Must Bear Underwriter's Approval).

Seal Conduit Ends Below Grade.

Provide New Galvanized Conduit And Weatherhead For New Underground Service At Existing Toilet & Shower Building. Install Near Existing Weatherhead And Splice New Cables into Existing Service Entrance Cables. THIS WORK IS INCIDENTAL.

Underground Primary And Padmounted Transformer to be Installed By Detroit Edison.

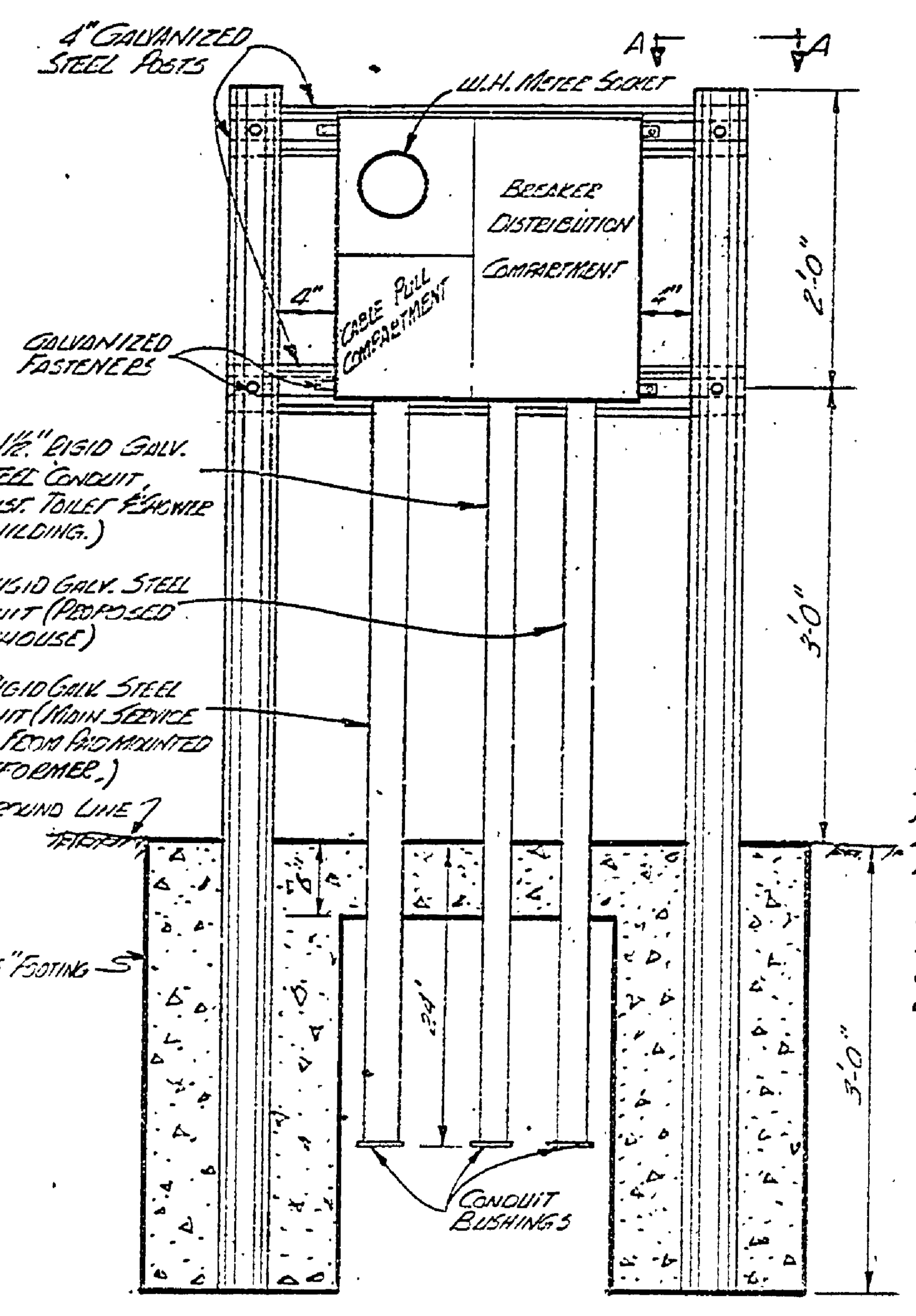
Existing Overhead Secondaries to be Removed by Owner.

Existing Overhead Primary to be Removed by Detroit Edison.

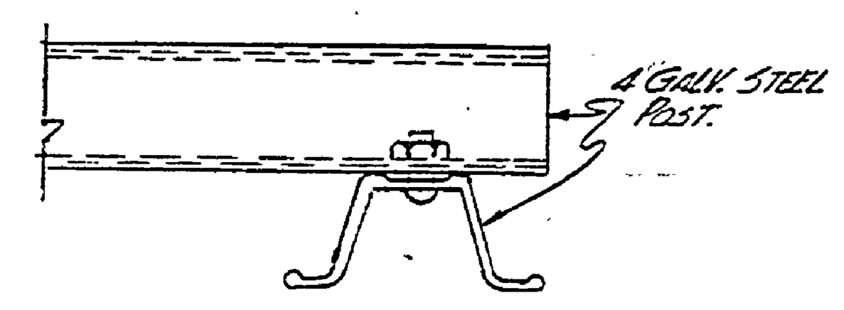
Approx. Circuit Length of Underground Secondaries (For Estimating Purposes Only):

Existing Toilet And Shower Building. - 500 ft.

Proposed Beachouse. - 250 ft.



ENTRANCE RACK



SECTION A-A

Notes:

Ground Electrical System Entrance Rack to Nearest Buried Cold Water Pipe. If Metal Water Pipe is Not Available Provide System Ground With Driven Electrode. Ground Resistance to be 25 OHMS OR LESS.

Panel To Be Square "D" Raintight Combination Entrance Panel, Cat. #UGC1224 Q R-125. 120/240 V., 125 Amp. Main Breaker, 12 Branch Pole Capacity, or Approved Equal. Watt-Hour Meter Socket to Conform to Detroit Edison Company Requirements.

Apply, Two Coats of Asphalt Base Paint to Galvanized Conduit & Supports Below Grade to 6" Above Grade.

DISTRIBUTION PANEL SCHEDULE

BRANCH CIRCUIT	BRANCH BREAKER (240V. 2 POLE)	WIRE SIZE	CONDUIT
EXISTING TOILET & SHOWER BUILDING	60 AMP	3-#2	1½"
PROPOSED BEACHOUSE	70 AMP	3-#2	1½"
MAIN SERVICE	125 AMP (MAIN)		SERVICE LATERAL CONDUCTORS INSTALLED BY DETROIT EDISON - CONDUIT BY CONTRACTOR 2"

SURVEYED BY	P. ECON	9-75	DRAWN BY	J. LEMMON	4-76
DESIGNED BY	P. ETELAMAKI	4-76	CHECKED BY		
		DATE			DATE

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS
1.				3.			
2.				4.			

MICHIGAN DEPARTMENT OF NATURAL RESOURCES

ELECTRICAL DISTRIBUTION SYSTEM
SHEET TITLE

AREA OR PARK: SLEEPER STATE PARK
PROJECT: ENTRANCE ROAD, PARKING LOTS AND UTILITIES

PROJECT NO. 24-1667
SHEET 4 OF 8
PLAN NO. E-124