

ALL CONDUCTORS WILL BE COPPER. GROUND WILL BE BARE STRANDED COPPER WIRE THROUGHOUT ENTIRE SYSTEM.

PLACE CONCRETE MARKERS (4" DIA. X 24" LONG) MARKED WITH AN "E" AT ALL UNMARKED CHANGES IN ALIGNMENT.

ALL UNDERGROUND PRIMARY WILL HAVE 36" MINIMUM BURY. ALL UNDERGROUND SECONDARY WILL HAVE 30" MINIMUM BURY. THE SAME TRENCH MAY BE USED WHERE PRIMARY AND SECONDARY LINES RUN PARALLEL BY MAINTAINING A 24" MINIMUM VERTICAL SEPARATION.

THE TRANSFORMER WILL BE SUPPLIED & INSTALLED BY CONSUMERS POWER CO. THE CONDUIT WITH LONG SWEEP ELBOWS WILL BE FURNISHED & INSTALLED UNDER THIS CONTRACT. CONSTRUCTION DETAILS WILL HAVE TO BE OBTAINED FROM POWER CO. BEFORE INSTALLATION.

PROVIDE WEATHERPROOF ENTRANCE JUNCTION RACKS COMPLETE WITH METER SOCKETS & CIRCUIT BREAKER DISTRIBUTION PANELBOARDS TO SERVE AS MAIN DISCONNECTS. RACKS TO BE INSTALLED ADJACENT TO POLE MOUNTED TRANSFORMER.

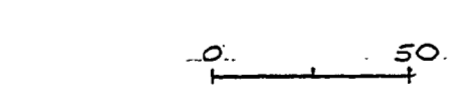
INSTALL CIRCUIT BREAKERS IN PANELBOARD FOR RESPECTIVE LINES DESIGNATED ON PLAN AS FOLLOWS:

ENTRANCE RACK #1	GROUND WIRE SIZE
MAIN BREAKER 600 AMP	#2
BRANCH #2 175 AMP	#6
BRANCH #3 125 AMP	#4
BRANCH #4 180 AMP	#2
TOILET BLDG 100 AMP	#6
CONTACT STA. 100 AMP	#6

ENTRANCE RACK #2	GROUND WIRE SIZE
MAIN BREAKER 600 AMP	#2
BRANCH #1 225 AMP	#2
BRANCH #2 225 AMP	#4
BRANCH #3 150 AMP	#4
TOILET BLDG. 100 AMP	#6

SCALE 1" = 50'



- 2 OUTLET BOX
- 4 OUTLET BOX
- POWER PEDESTAL - PLACE AT ALL 3-LINE JUNCTION POINTS.

WHEN MORE THAN ONE SET OF CABLES ARE PLACED IN ONE TRENCH, A VERTICAL OR HORIZONTAL SEPARATION OF 24 INCHES BETWEEN SETS SHALL BE MAINTAINED.

SURVEYED BY		DRAWN BY HENRY T REED		12-27	NO. DATE BY	REVISIONS	NO. DATE BY	REVISIONS	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	CAMPGROUND	MUSKOGEE STATE PARK AREA OR PARK	PROJECT NO. 24-2883
DESIGNED BY R.H. MERRILL		CHECKED BY		1-88	1. 3-89 J.Y.	REV. AS BUILT	3.		DEPARTMENT OF NATURAL RESOURCES	ELECTRICAL DISTRIBUTION SYSTEM	PROJECT	SHEET OF 1 PLAN NO. E-125
		DATE		DATE	DATE	DATE	DATE	DATE				

BUILDING COMMITTEE APPROVAL

BY: \_\_\_\_\_ CHAIRMAN DATE: \_\_\_\_\_

RECOMMENDED FOR APPROVAL: \_\_\_\_\_ ENGINEERING OR ARCHITECTURAL SUPERVISOR DATE: \_\_\_\_\_

RECOMMENDED FOR APPROVAL: \_\_\_\_\_ PROGRAM AND PLAN COORDINATOR DATE: \_\_\_\_\_

DIVISION/REGION APPROVAL

BY: *Jack B. Stettin* 4-20-88  
DIVISION CHIEF/REGIONAL MANAGER

APPROVED: *John A. Wilson* 3-17-88  
ENGINEER