



ALL WIRE WILL BE USED AS SHOWN. 17-3 GARE COPPER WIRE (GROUND) USED THROUGHOUT ENTIRE SYSTEM. EXCEPT TO TOILET BLDG. & CONTACT STATION.

ALL UNDERGROUND PRIMARY LINES WILL HAVE 36\"/>

THE SAME TRENCH MAY BE USED WHERE PRIMARY & SECONDARY LINES RUN PARALLEL BY MAINTAINING A MINIMUM OF VERTICAL SEPARATION.

THE PAD MOUNTED TRANSFORMER, CONCRETE PAD & UNDERGROUND PRIMARY WILL BE SUPPLIED & INSTALLED BY THE GRAND HAVEN BOARD OF LIGHT & POWER. 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 RACK, COMPLETE WITH METER SOCKET & 400 AMP CIRCUIT BREAKER DISTRIBUTION PANELBOARD TO SERVE AS MAIN DISCONNECT RACK TO BE INSTALLED ADJACENT TO PAD MOUNTED TRANSFORMER.

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

MAIN BREAKER	400 AMP.
BRANCH #1	900 AMP.
" #2	900 AMP.
" #3	900 AMP.
" #4	900 AMP.
" #5	900 AMP.
" #6	900 AMP.
" #7	900 AMP.
TOILET BLDG.	600 AMP.
	60 AMP.

LEGEND

- 2 OUTLET BOX
- 3 OUTLET BOX
- 4 OUTLET BOX

BRANCH # 6 IS NOT TO BE INCLUDED UNDER THIS CONTRACT. 90 AMP. BREAKER WILL BE PROVIDED IN PANELBOARD.

SCALE 1"=50'

N

LAKE MICHIGAN

GRAND RIVER CHANNEL

BUILDING COMMITTEE APPROVAL	
BY: _____	DATE: _____
RECOMMENDED FOR APPROVAL: <i>W.E. ...</i> 4-2-70	ENGINEERING OF ARCHITECTURAL SUPERVISOR DATE
RECOMMENDED FOR APPROVAL: <i>S. ...</i> 4-7-70	PROGRAM AND PLAN COORDINATOR DATE
DIVISION/REGION APPROVAL	
BY: <i>R. ...</i> 4-10-70	DATE
ENGINEERING DIVISION	
APPROVED: <i>H.C. ...</i> 5-7-70	DATE

SURVEYED BY	DRAWN BY J.Y.P.M.A.	MAR. '70	NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	CAMPGROUND ELECTRICAL DISTRIBUTION SYSTEM	GRAND HAVEN STATE PARK AREA OR PARK	PROJECT NO. 24-1222
DESIGNED BY R.H. MERRILL	MAR. '70	CHECKED BY	DATE	1.			3.				DEPARTMENT OF NATURAL RESOURCES	SHEET TITLE	PROJECT	SHEET 1 OF 2 PLAN NO. E-109