

ALL CONDUCTORS WILL BE ALUMINUM. GROUND WILL BE #6 BARE STRANDED COPPER WIRE THROUGHOUT ENTIRE SYSTEM, EXCEPT TO TOILET BLDGS.

PLACE CONC. MARKERS (4" DIA. X 24" LONG) MARKED WITH AN 'E' FOR ELECTRICAL AND 'W' FOR WATER AT ALL UNMARKED CHANGES IN ALIGNMENT.

ALL UNDERGROUND PRIMARY WILL HAVE 36" MIN. BURY. ALL UNDERGROUND SECONDARY LINES WILL HAVE 30" MIN. BURY. THE SAME TRENCH MAY BE USED WHERE PRIMARY & SECONDARY LINES RUN PARALLEL BY MAINTAINING A 6" 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 RACK, COMPLETE WITH METER SOCKET & CIRCUIT BREAKER DISTRIBUTION PANELBOARD, WITH BREAKERS SIZED AS FOLLOWS.

RACK TO BE INSTALLED ADJACENT TO PAD MOUNTED TRANSFORMER.

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

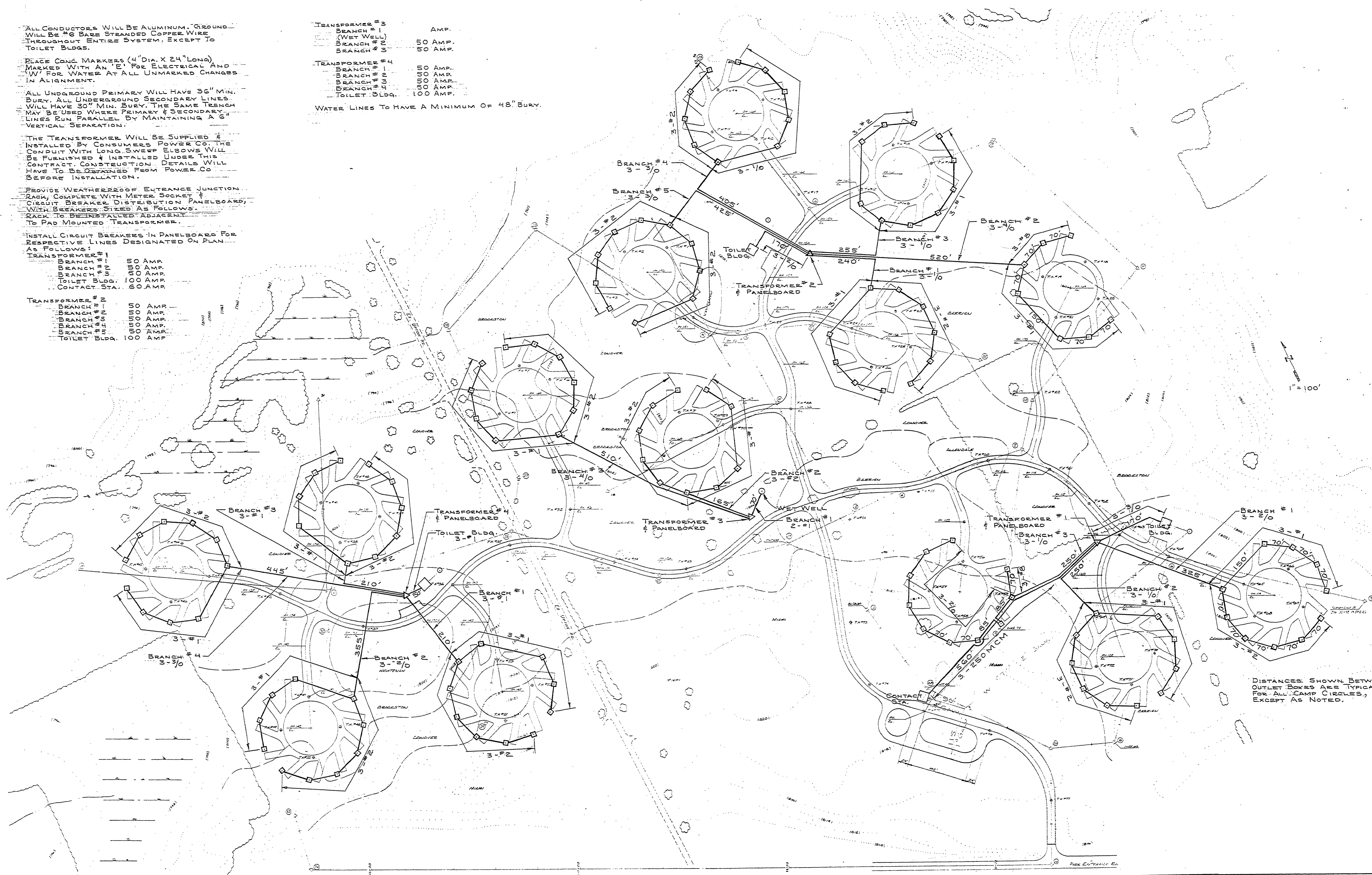
- TRANSFORMER #1
- BRANCH #1 50 AMP.
- BRANCH #2 500 AMP.
- BRANCH #3 500 AMP.
- TOILET BLDG. 100 AMP.
- CONTACT STA. 60 AMP.

- TRANSFORMER #2
- BRANCH #1 50 AMP.
- BRANCH #2 500 AMP.
- BRANCH #3 500 AMP.
- BRANCH #4 500 AMP.
- BRANCH #5 500 AMP.
- TOILET BLDG. 100 AMP.

- TRANSFORMER #3
- BRANCH #1 50 AMP.
- BRANCH #2 (WET WELL) 50 AMP.
- BRANCH #3 50 AMP.

- TRANSFORMER #4
- BRANCH #1 500 AMP.
- BRANCH #2 500 AMP.
- BRANCH #3 500 AMP.
- BRANCH #4 500 AMP.
- TOILET BLDG. 100 AMP.

WATER LINES TO HAVE A MINIMUM OF 48" BURY.



SURVEYED BY		DRAWN BY J. YPMA		4-75 NO. DATE BY		REVISIONS		NO. DATE BY		REVISIONS		MICHIGAN DEPARTMENT OF NATURAL RESOURCES		ELECTRICAL DISTRIBUTION SYSTEM		SLEEPY HOLLOW STATE PARK AREA OR PARK		PROJECT NO. 24-1344	
DESIGNED BY R. HAESLER		4-75 CHECKED BY		DATE		DATE		DATE		DATE		SHEET 13 OF		PLAN NO. E-103		PROJECT			