



ALL CONDUCTORS WILL BE COPPER. GROUND WILL BE #4 OR #6 BARE STRANDED COPPER WIRE THROUGHOUT ENTIRE SYSTEM.

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

ALL UNDERGROUND PRIMARY WILL HAVE 36" MIN. BURY. ALL UNDERGROUND SECONDARY WILL HAVE 30" MIN. BURY. THE SAME TRENCH MAY BE USED WHERE PRIMARY & SECONDARY LINES RUN PARALLEL BY MAINTAINING A 6" MINIMUM VERTICAL SEPARATION.

THE TRANSFORMERS WILL BE SUPPLIED & INSTALLED BY 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 SOCKET AND CIRCUIT BREAKER DISTRIBUTION PANELBOARD TO SERVE AS MAIN DISCONNECT. RACKS TO BE INSTALLED ADJACENT TO PAD MOUNTED TRANSFORMER.

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

ENTRANCE RACK #1

MAIN BREAKER	600 AMP
BRANCH #1	100 AMP
BRANCH #2	150 AMP
BRANCH #3	80 AMP
BRANCH #4	80 AMP
BRANCH #5	150 AMP
TOILET BLDG. (FUTURE)	100 AMP

ENTRANCE RACK #2

MAIN BREAKER	700 AMP
BRANCH #1	80 AMP
BRANCH #2	80 AMP
BRANCH #3	125 AMP
BRANCH #4	80 AMP
BRANCH #5	125 AMP
BRANCH #6	150 AMP
BRANCH #7	125 AMP
TOILET BLDG. (FUTURE)	100 AMP
PUMP STA.	100 AMP

APPROX. LOCATION OF TRANSFORMER #1 IS 15' LT. OF SURVEY E STA. 303+55.

APPROX. LOCATION OF TRANSFORMER #2 IS 115' LT. OF SURVEY E STA. 304+33.

SEEVICE IS 120/240, 1Ø, 3Ø.

LEGEND

- ▲ TRANSFORMER & ENTRANCE RACK
- 4 OUTLET BOX
- 2 OUTLET BOX

PROVIDE ENOUGH ANNULAR CONDUIT SPACE FOR FUTURE INSTALLATION OF 3 #2 WIRES PLUS GROUND TO SERVICE TOILET BUILDINGS BY OTHERS.

CARE MUST BE TAKEN TO INSURE WIRE IS NOT PLACED IN AREA OF FUTURE TOILET BLDG. SEE SHEET #11 FOR DETAILS. LOCATION OF WIRE MUST BE APPROVED BY ENGINEER BEFORE IT IS INSTALLED IN BRANCH #4. ENTRANCE RACK #1 AND BRANCH #5. ENTRANCE RACK #2



SCALE: 1" = 100'
(2' CONTOUR INTERVAL)

SURVEYED BY	DRAWN BY HENRY T. REED	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. 24-2587
DESIGNED BY	CHECKED BY	1. S.S. JY LINE LOCATION & DIMS. AS BUILT	3. []		SHEET TITLE	MODERN CAMPGROUND DEVELOPMENT PROJECT	SHEET 16 OF 19 PLAN NO. E-115
DATE	DATE	2. []	4. []				