

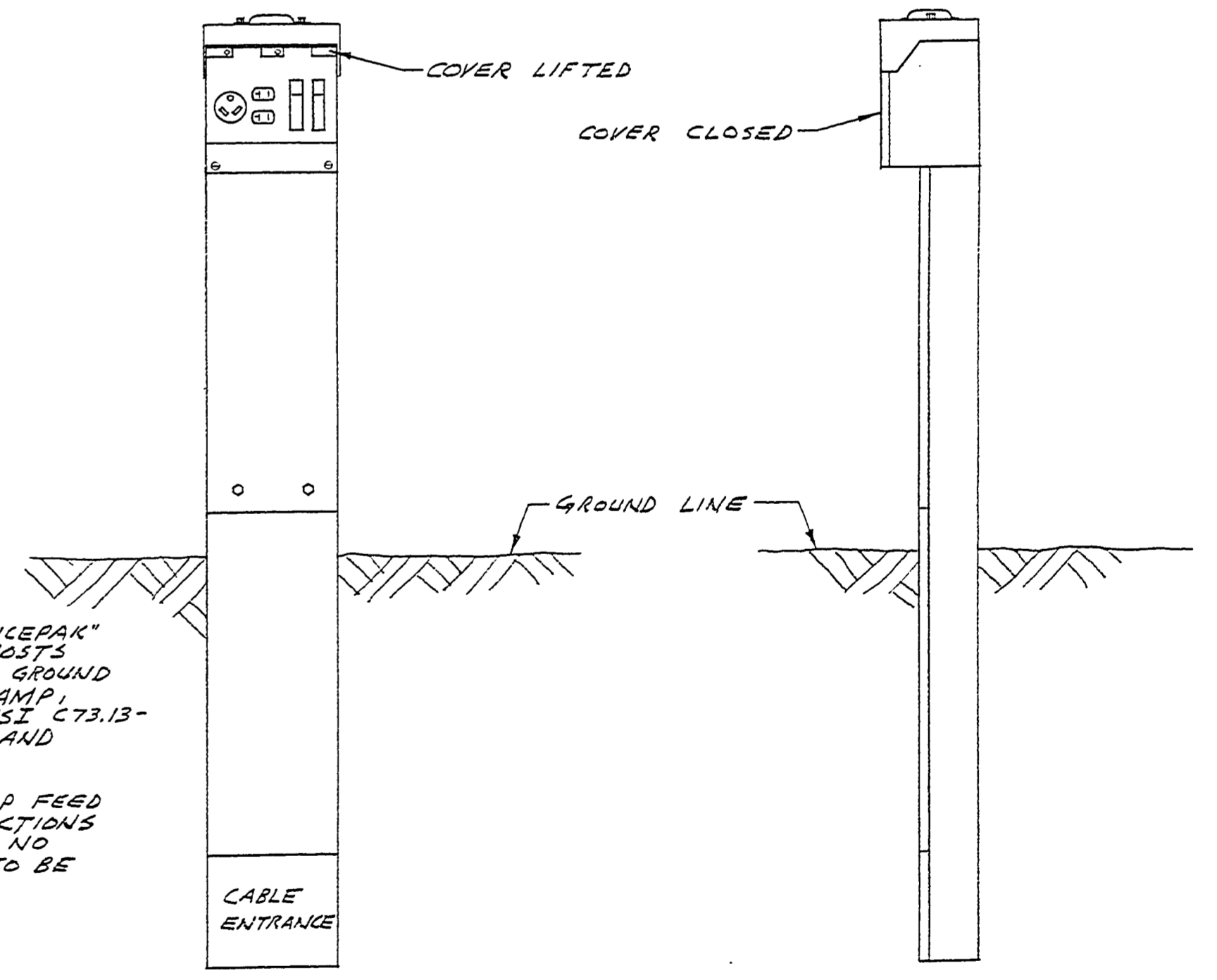
- NOTES:**
1. ALL ELECTRICAL WORK TO BE IN ACCORDANCE WITH LATEST NATIONAL ELECTRICAL CODE.
 2. ALL ELECTRICAL EQUIPMENT TO BEAR UNDERWRITERS LABORATORIES APPROVAL
 3. GROUND ELECTRICAL SYSTEM AT EACH ENTRANCE RACK TO NEAREST BURIED COLD WATER PIPE. IF METAL WATER PIPE IS NOT AVAILABLE, PROVIDE SYSTEM GROUND WITH DRIVEN ELECTRODES. GROUND RESISTANCE TO BE 5 OHMS OR LESS.
 4. PANELS TO BE SQUARE D RAINTIGHT COMBINATION ENTRANCE PANELS CAT. # U4C 2240 OR, 120/240 V, 200 AMP MAINS, 24 BRANCH POLE CAPACITY OR APPROVED EQUAL WATT-HOUR METER SOCKET TO CONFORM TO CONSUMERS POWER COMPANY REQUIREMENTS.

TYPICAL ENTRANCE RACK

DISTRIBUTION PANEL SCHEDULE

	BRANCH CIRCUIT	BRANCH BREAKER (240V, 2 POLE)	WIRE SIZE	CONDUIT
TRANSFORMER NO. 1	TOILET BLDG	100 AMP	3-#3/0	3" (SAME CONDUIT)
	BRANCH #1	50 AMP	3-#2/0	
	BRANCH #2	50 AMP	3-#1/0	3" (SAME CONDUIT)
	BRANCH #3	50 AMP	3-#1/0	
	CONTACT STATION	60 AMP	3-250MCM	
TRANSFORMER NO. 2	BRANCH #1	50 AMP	3-#1/0	3" (SAME CONDUIT)
	BRANCH #2	50 AMP	3-#4/0	
	BRANCH #3	50 AMP	3-#1/0	3" (SAME CONDUIT)
	BRANCH #4	50 AMP	3-#3/0	
	BRANCH #5	50 AMP	3-#3/0	
TRANSFORMER NO. 3	TOILET BLDG.	100 AMP	3-#2/0	2 1/2" (SAME CONDUIT)
	SEWAGE PUMPING STATION	100 AMP	3-#1	
	BRANCH #2	50 AMP	3-#2	2 1/2" (SAME CONDUIT)
BRANCH #3	50 AMP	3-#4/0		
TRANSFORMER NO. 4	TOILET BLDG.	100 AMP	3-#1	2" (SAME CONDUIT)
	BRANCH #1	50 AMP	3-#1	
	BRANCH #2	50 AMP	3-#2/0	3" (SAME CONDUIT)
	BRANCH #3	50 AMP	3-#1	
	BRANCH #4	50 AMP	3-#3/0	

* NOTE: SIZES SHOWN FOR SEWAGE PUMPING STATION ARE FOR ESTIMATING PURPOSES ONLY. ACTUAL SIZES TO BE DETERMINED BY F.L. AMP RATINGS OF INSTALLED EQUIPMENT.



- NOTES:**
1. POWER OUTLET POSTS TO BE SQUARE D "SERVICEPAK" CAT. # PAK31P OR APPROVED EQUAL. OUTLET POSTS TO PROVIDE: ONE 20 AMP, 125 V, 2 WIRE AND GROUND DUPLEX OUTLET (ANSI C73.12-1972); ONE 30 AMP, 125 V, 2 WIRE AND GROUND SINGLE OUTLET (ANSI C73.13-1972); ONE 20 AMP SINGLE POLE BREAKER; AND ONE 30 AMP SINGLE POLE BREAKER.
 2. SINGLE PHASE 120 V, 2 WIRE PLUS GROUND LOOP FEED TERMINAL LUGS TO BE PROVIDED. ALL CONNECTIONS TO BE MADE AT TERMINAL LUGS IN POSTS. NO SPLICES ARE PERMITTED. SOLID NEUTRAL TO BE INSULATED FROM GROUND.

FRONT VIEW SIDE VIEW
POWER OUTLET POST

SURVEYED BY	DRAWN BY <i>S. BOYCE</i>	9-75	NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	CAMPGROUND ELECTRICAL DETAILS SHEET TITLE	SLEEPY HOLLOW STATE PARK AREA OR PARK	PROJECT NO. 24-1344
DESIGNED BY <i>R. ETELAMAKI</i>	9-75	CHECKED BY	1.				3.						CAMPGROUND DEVELOPMENT PROJECT	SHEET 14 OF PLAN NO. E-103
DATE		DATE	2.				4.							