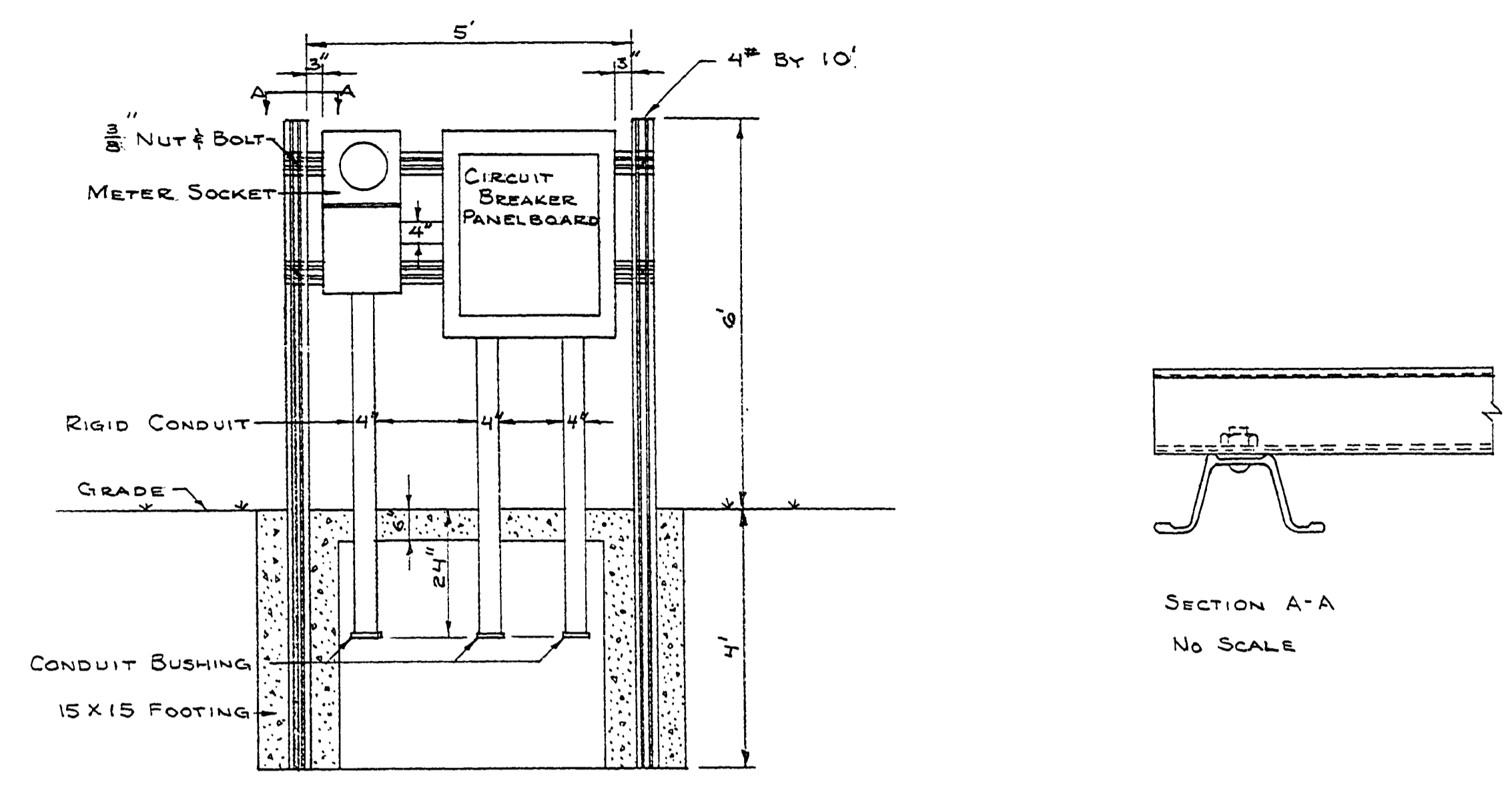
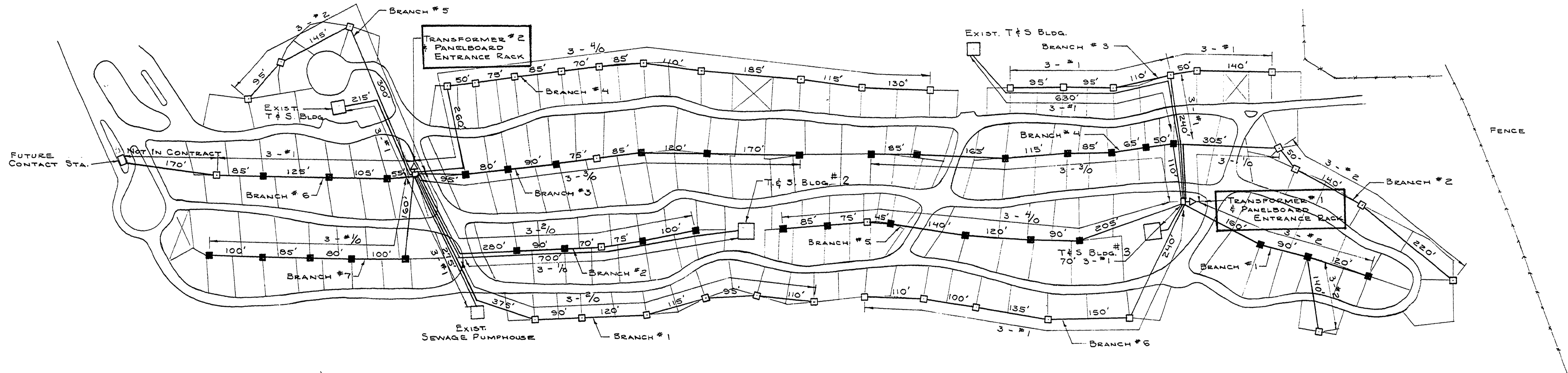


NOTE - THE CAMPGROUND ELECTRICAL SYSTEM HAS BEEN DESIGNED FOR FUTURE INSTALLATION AND IS NOT INCLUDED IN THIS CONTRACT. ONLY THE COMPLETE DISTRIBUTION PANELBOARDS AND UNDERGROUND SECONDARY TO THE NEW BUILDINGS WILL BE INSTALLED UNDER THIS CONTRACT.



ENTRANCE RACK WITH METER SOCKET & CIRCUIT BREAKER PANELBOARD
NOTE: GROUND ELECTRICAL SYSTEM AT DISTRIBUTION PANELBOARD TO NEAREST BURIED WATER PIPE.



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

PLACE CONC. MARKERS (4" DIA. X 24" LONG) MARKED 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 SUPPLIER WILL BE SUPPLIED & INSTALLED BY BAY CITY ELECT. LT. & POWER CO. THE SERVICE ENTRANCE 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 TO SERVE AS MAIN DISCONNECT. RACK TO BE INSTALLED ADJACENT TO PAD MOUNTED TRANSFORMER.

- 2 OUTLET BOX
- 4 OUTLET BOX

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

TRANSFORMER #1	
MAIN BREAKER	600 AMP
BRANCH #1	100 AMP
BRANCH #2	70 AMP
BRANCH #3	100 AMP
BRANCH #4	170 AMP
BRANCH #5	160 AMP
BRANCH #6	70 AMP
PROPOSED T&S BLDG.	100 AMP
EXIST. T&S BLDG.	100 AMP
TRANSFORMER #2	
MAIN BREAKER	700 AMP
BRANCH #1	100 AMP
BRANCH #2	125 AMP
BRANCH #3	160 AMP
BRANCH #4	125 AMP
BRANCH #5	60 AMP
BRANCH #6	100 AMP
BRANCH #7	125 AMP
PROPOSED T&S BLDG.	100 AMP
EXIST. T&S BLDG.	100 AMP
EXIST. SEWAGE PUMPHOUSE	100 AMP

REVISED
SEE E-122
5/88
J.Y.

BUILDING COMMITTEE APPROVAL	
BY: _____	DATE _____
RECOMMENDED FOR APPROVAL: _____ ENGINEERING OR ARCHITECTURAL SUPERVISOR DATE _____	
RECOMMENDED FOR APPROVAL: _____ PROGRAM AND PLAN COORDINATOR DATE _____	
DIVISION/REGION APPROVAL	
BY: _____	DATE _____
ENGINEERING DIVISION	
APPROVED: _____	DATE _____
CHIEF ENGINEER	

SURVEYED BY	DRAWN BY J. YPMA	JAN. '76	NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	UNDERGROUND ELECTRICAL DISTRIBUTION SYSTEM	BAY CITY STATE PARK AREA OR PARK UTILITIES	PROJECT NO. 24-1523
DESIGNED BY R.H. MERRILL	JAN. '76	CHECKED BY	1.				3.				DEPARTMENT OF NATURAL RESOURCES	SHEET TITLE	PROJECT	SHEET 2 OF 3 PLAN NO. E-118
	DATE	DATE	2.				4.							