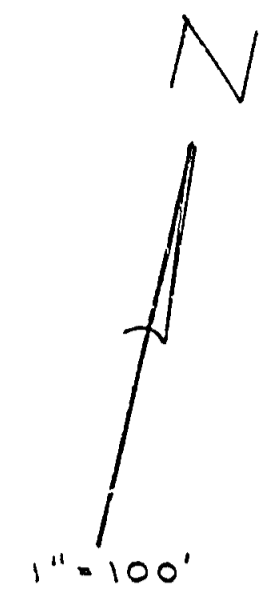


WHITEFISH BAY



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

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

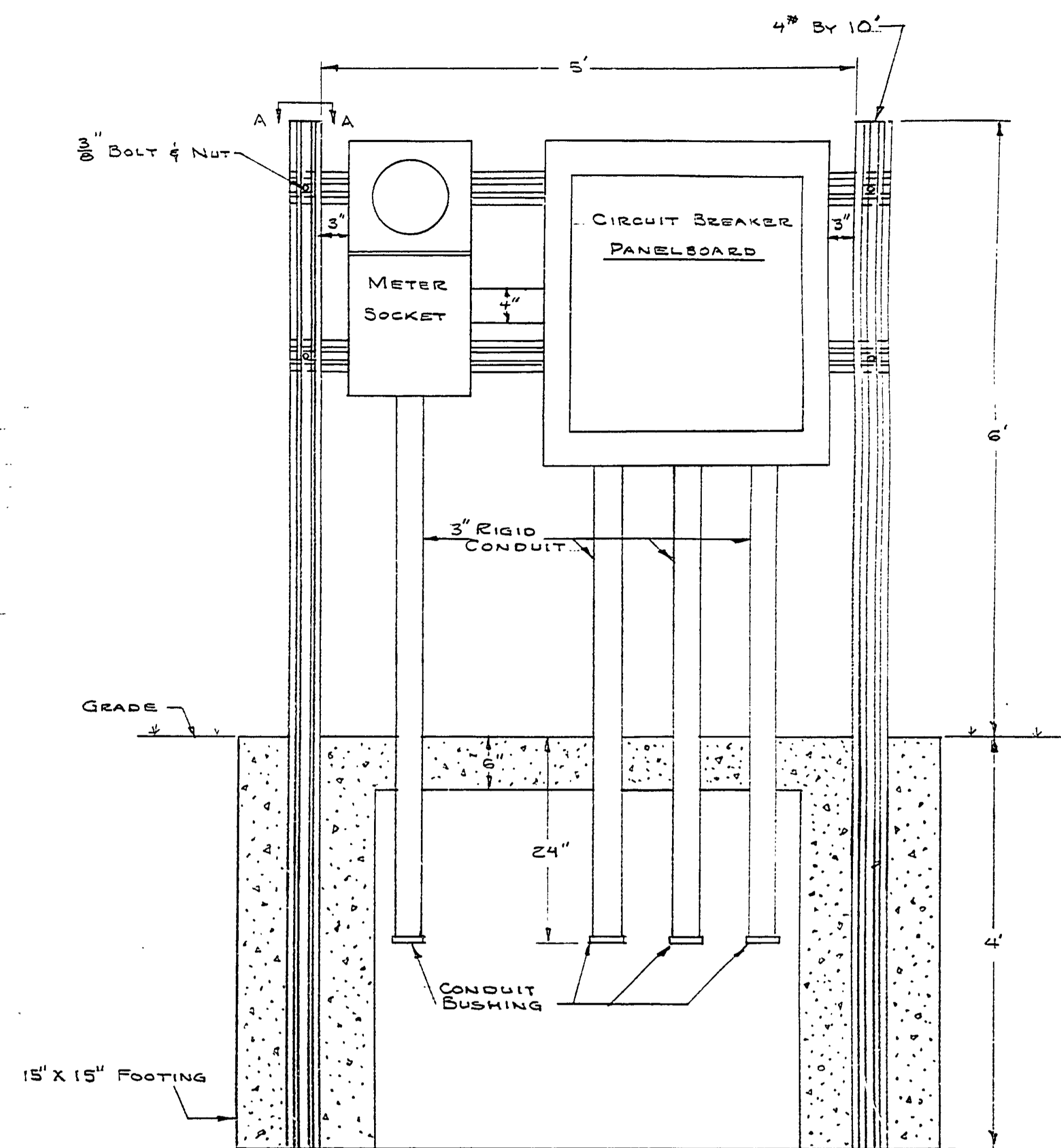
ALL UNDERGROUND PRIMARY WILL HAVE 36" MINIMUM BURY. ALL UNDERGROUND SECONDARY WILL HAVE 30" MIN. BURY. THE SAME TRENCH MAY BE USED WHERE PRIMARY & SECONDARY LINES RUN PARALLEL BY MAINTAINING A 6" MIN. VERTICAL SEPARATION.

THE TRANSFORMER WILL BE SUPPLIED BY SAULT EDISON 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 & 600 AMP. CIRCUIT BREAKER DISTRIBUTION PANELBOARD TO SERVE AS MAIN DISCONNECT FOR SINGLE PHASE SERVICE (2 PLACES). PROVIDE 60 AMP, 3-PHASE METER SOCKET TO BE MOUNTED ON THE BACK OF THE WET WELL PUMP CONTROL PANEL.

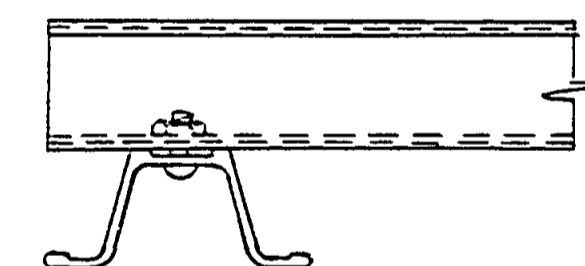
INSTALL CIRCUIT BREAKERS IN PANELBOARD FOR RESPECTIVE LINES DESIGNATED ON PLAN AS FOLLOWS:

- TRANSFORMER # 1
- MAIN BREAKER 600 AMP
- BRANCH # 1 70 AMP
- BRANCH # 2 150 AMP
- BRANCH # 3 100 AMP
- BRANCH # 4 120 AMP
- BRANCH # 5 100 AMP
- BRANCH # 6 100 AMP
- BRANCH # 7 100 AMP
- TOILET BLDG. 100 AMP
- TRANSFORMER # 2
- MAIN BREAKER 600 AMP
- BRANCH # 1 70 AMP
- BRANCH # 2 100 AMP
- BRANCH # 3 90 AMP
- BRANCH # 4 60 AMP
- BRANCH # 5 125 AMP
- BRANCH # 6 100 AMP
- BRANCH # 7 100 AMP
- TOILET BLDG. 100 AMP



ENTRANCE RACK WITH METER SOCKET & CIRCUIT BREAKER PANELBOARD

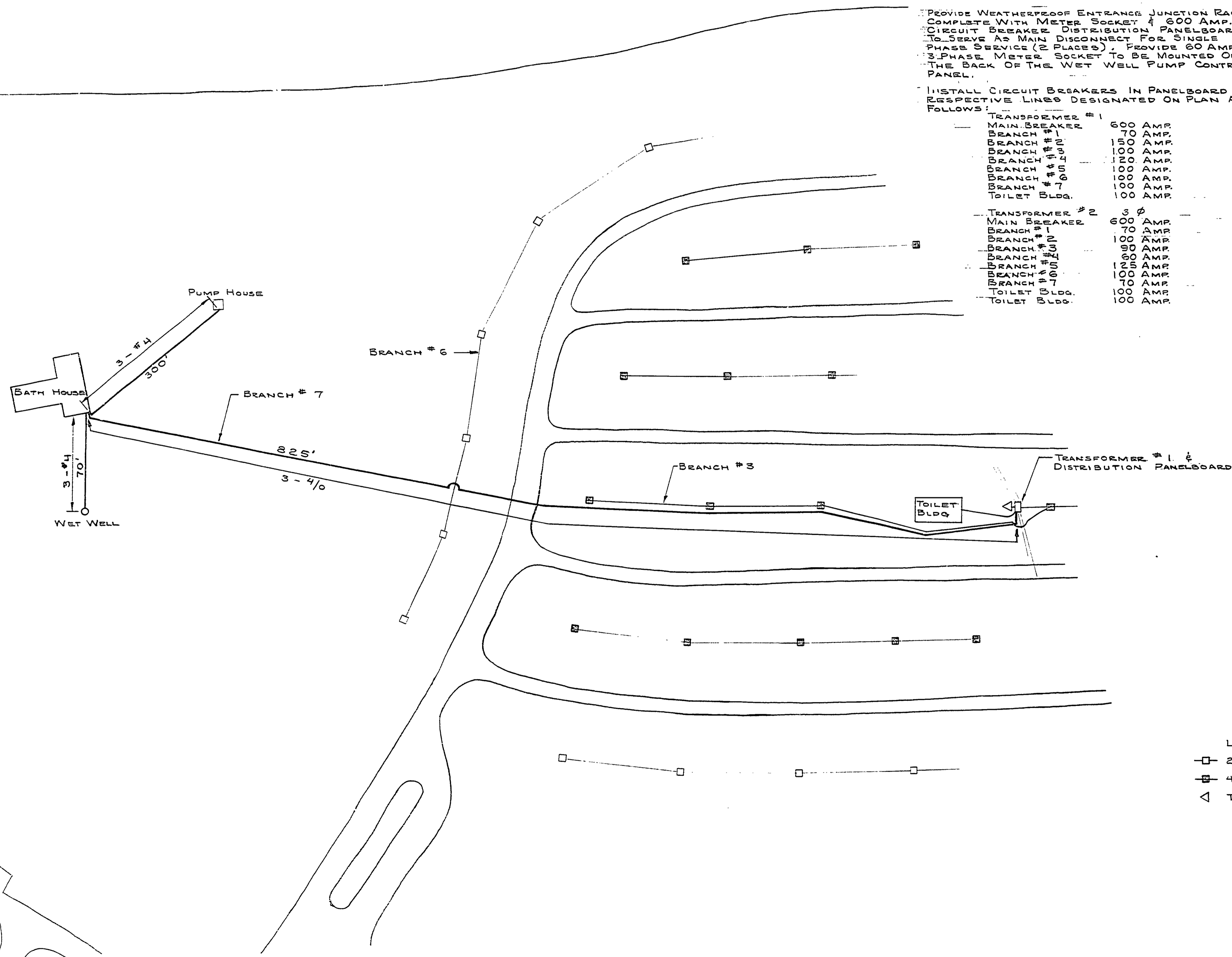
NOTE: Ground Electrical System at Distribution Panelboard to Nearest Buried Water Line.



SECTION A-A NO SCALE

LEGEND

- 2 OUTLET BOX
- 4 OUTLET BOX
- △ TRANSFORMER



DESIGNED BY R. H. MERRILL		DRAWN BY J. YPMA		MAR '75		NO. DATE BY		REVISIONS		NO. DATE BY		REVISIONS		MICHIGAN DEPARTMENT OF NATURAL RESOURCES		UNDERGROUND ELECTRICAL DISTRIBUTION SYSTEM		BRIMLEY STATE PARK AREA OR PARK		PROJECT NO. 24-1637	
DATE		CHECKED BY		DATE		1. DATE		2. DATE		3. DATE		4. DATE		SHEET TITLE		UNDERGROUND ELECTRICAL DISTRIBUTION SYSTEM		SHEET 1 OF 2		PLAN NO. E-119	

BUILDING COMMITTEE APPROVAL	
BY: _____	DATE: _____
RECOMMENDED FOR APPROVAL	DATE: 3-19-75
RECOMMENDED FOR APPROVAL	DATE: 4-1-75
APPROVED: William E. Romo 4-2-75	
DATE: _____	