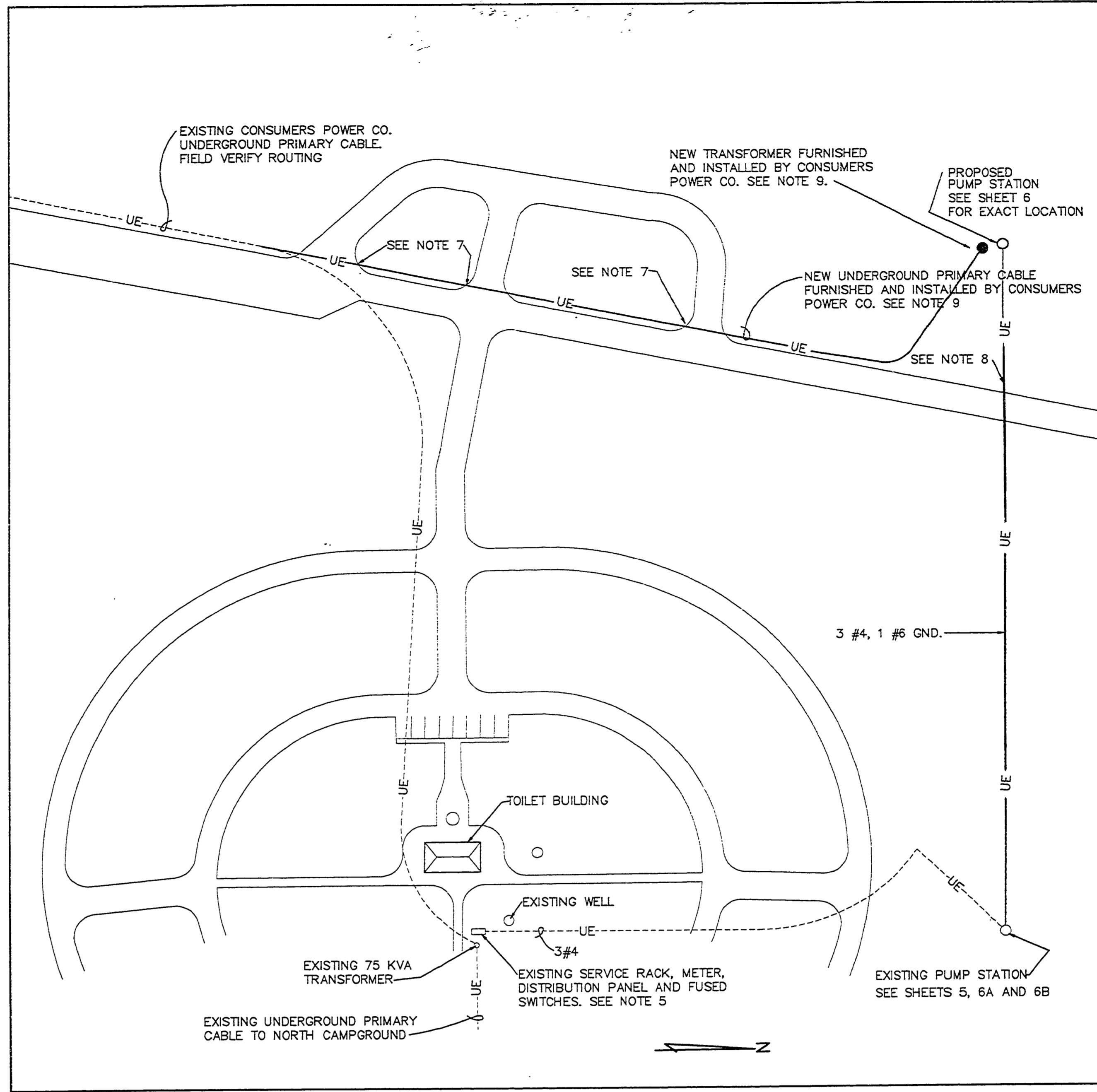


SNUG HARBOR PUMP STATION
SCALE: 1" = 60'



CAMPGROUND SITE PLAN
SCALE: 1" = 60'

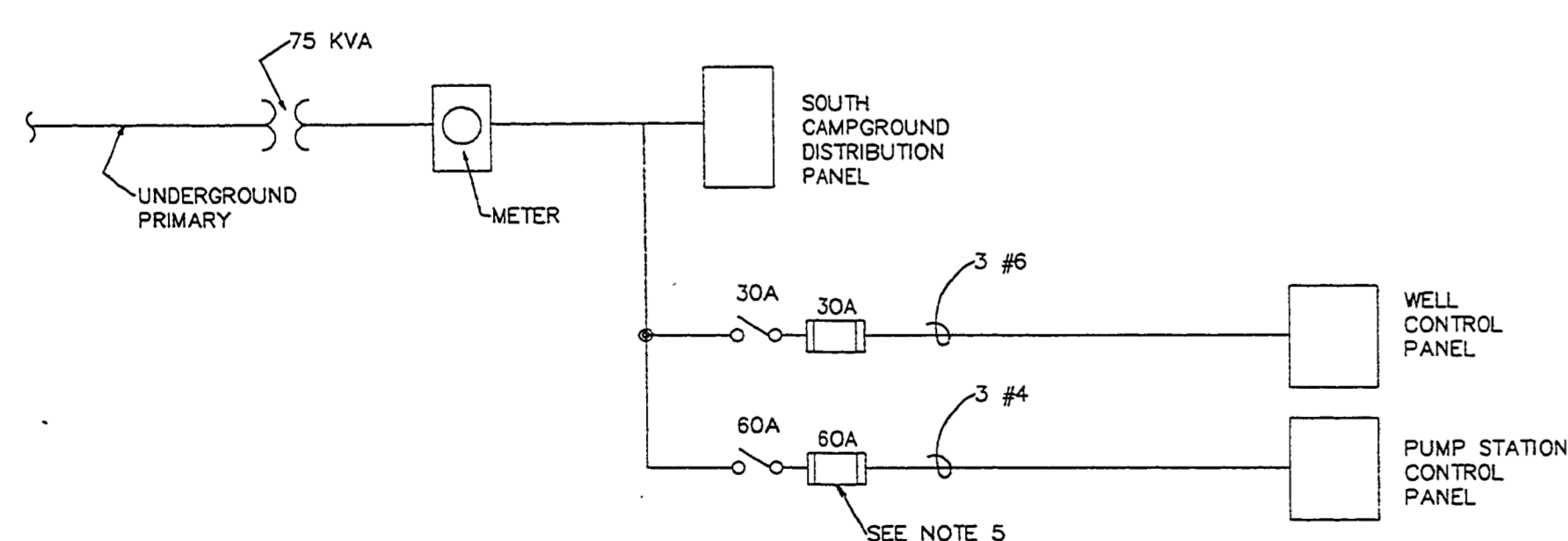
LEGEND

-----UE----- EXISTING UNDERGROUND ELECTRICAL CIRCUIT

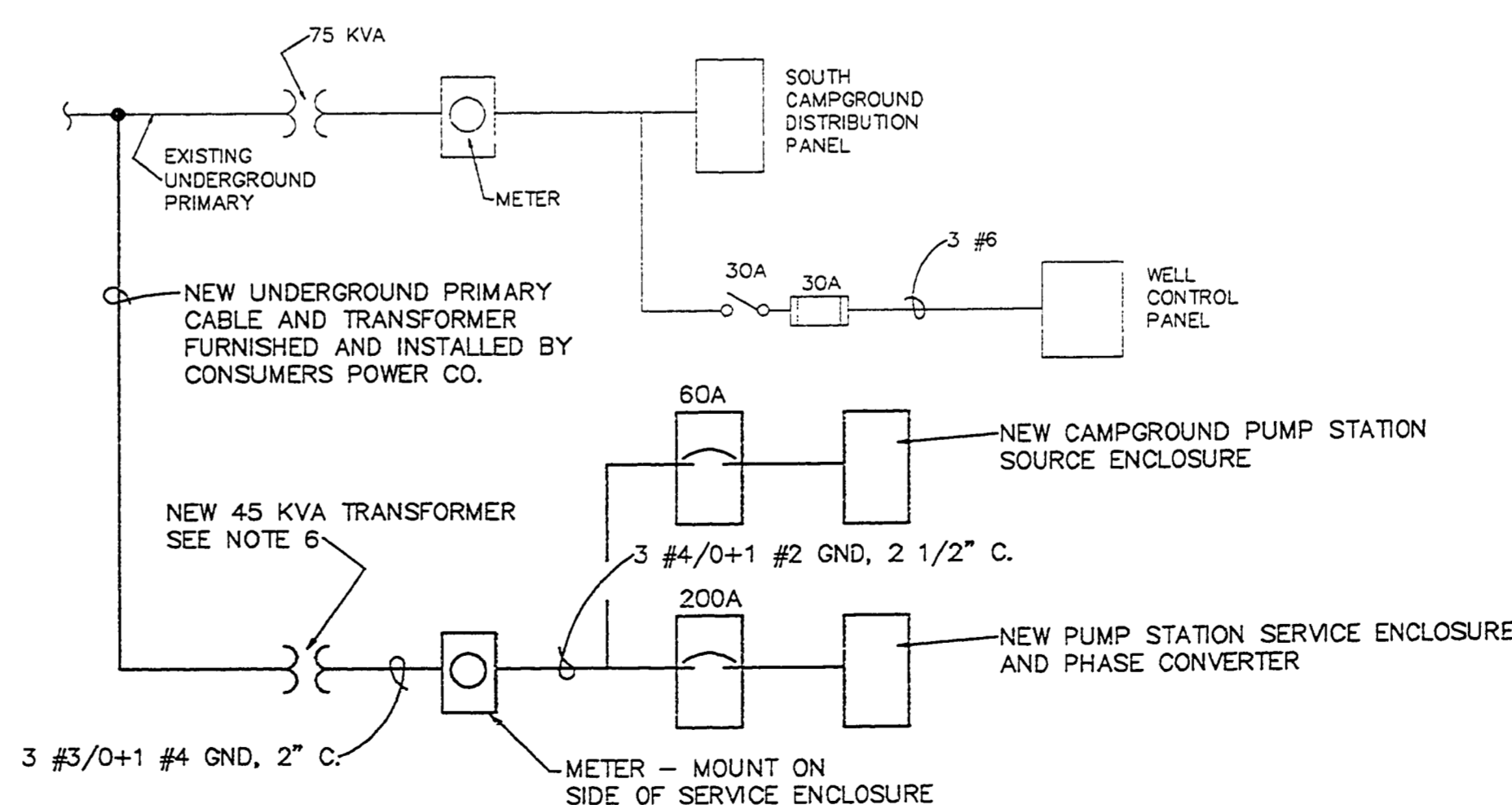
-----OE----- EXISTING OVERHEAD ELECTRICAL CIRCUIT

——UE—— NEW UNDERGROUND ELECTRICAL CIRCUIT

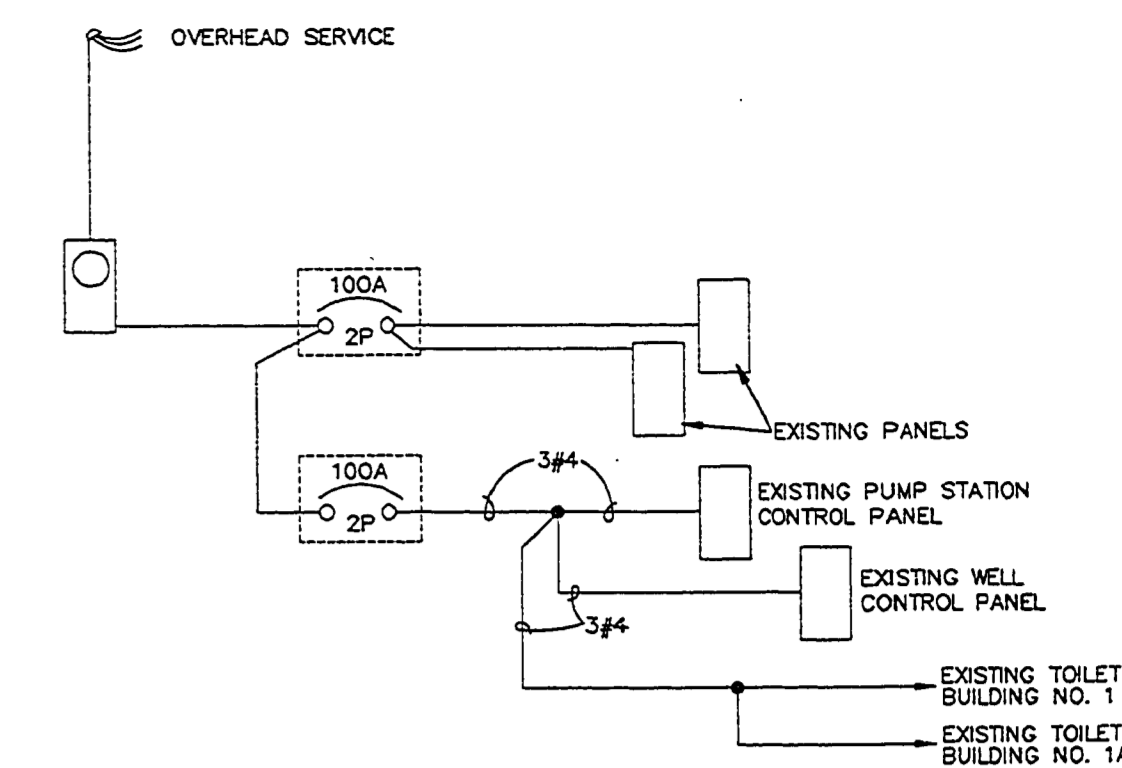
——OE—— NEW OVERHEAD ELECTRICAL CIRCUIT



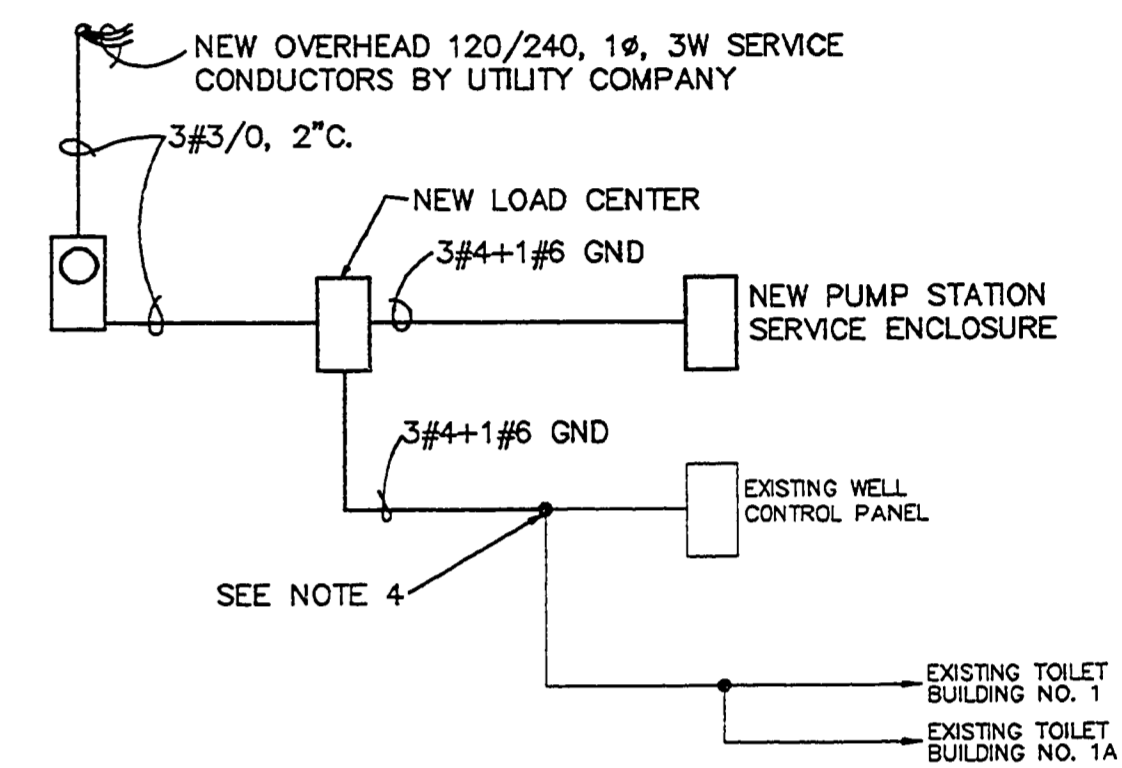
EXISTING CAMPGROUND ONE-LINE DIAGRAM



PROPOSED CAMPGROUND ONE-LINE DIAGRAM



EXISTING SNUG HARBOR ONE LINE DIAGRAM



PROPOSED SNUG HARBOR ONE LINE DIAGRAM

- NOTES**
- REMOVE EXISTING ENCLOSED CIRCUIT BREAKERS AND PANELS. REMOVE EXISTING METER, SERVICE ENTRANCE CONDUIT AND CONDUCTORS. COORDINATE SERVICE WORK WITH CONSUMERS POWER CO. CUT EXISTING PUMP STATION FEEDER CONDUCTORS OFF BELOW GRADE AND ABANDON.
 - AT THE SAME LOCATION OF THE EXISTING SERVICE, FURNISH AND INSTALL NEW ENTRANCE CONDUCTORS AND CONDUIT AND NEW METER AND METER BASE. COORDINATE NEW SERVICE INSTALLATION WITH CONSUMERS POWER CO. FURNISH AND INSTALL 3/4" X 10" GROUNDING ROD AND NO 6 AWG GROUNDING ELECTRODE CONDUCTOR.
 - FURNISH AND INSTALL NEW 24 SPACE 200A LOAD CENTER SQUARE-D QO LOAD CENTER OR EQUAL PROVIDE 200A MAIN CIRCUIT BREAKER AND THE FOLLOWING BRANCH CIRCUIT BREAKERS:
3-2P-60A, 4-1P-20A GFI, 2-2P-30A, 4-1P-20A, 4-1P-15A RECONNECT EXISTING BUILDING CIRCUITS TO NEW LOAD CENTER. FURNISH AND INSTALL A GFI RECEPTACLE ADJACENT TO THIS LOAD CENTER. FURNISH AND INSTALL A SURGE ARRESTOR - SQUARE-D SP1175 OR EQUAL AT THE NEW LOAD CENTER
 - DISCONNECT EXISTING FEEDER CONDUCTORS AND SPLICE NEW 3#4 FEEDER CONDUCTORS TO EXISTING WELL AND TOILET BUILDING FEEDER CONDUCTORS.
 - REMOVE 60A PUMP STATION SWITCH AND CONDUIT. CUT PUMP STATION FEEDER CONDUCTORS OFF BELOW GRADE AND ABANDON.
 - COORDINATE NEW SERVICE INSTALLATION WITH CONSUMERS POWER CO. FURNISH AND INSTALL A TRANSFORMER PAD WHICH COMPLIES WITH CONSUMERS POWER CO. REQUIREMENTS.
 - BORE AND JACK 4-INCH SCHEDULE 80 PVC CONDUIT BENEATH ROADWAY. FOR CONSUMERS POWER CO. USE EXTEND CONDUIT FIVE FEET BEYOND PAVEMENT ON EACH SIDE.
 - BORE AND JACK 4 INCH SCHEDULE 80 CONDUIT BENEATH ROADWAY EXTEND CONDUIT 5 FEET BEYOND PAVEMENT ON EACH SIDE.
 - COORDINATE INSTALLATION OF NEW UNDERGROUND PRIMARY CABLE AND TRANSFORMER WITH CONSUMERS POWER CO. RESTORE DISTURBED AREAS IN ACCORDANCE WITH THE SPECIFICATIONS.

FILE NO.: 1198ELST
PLOT DATE: 11-10-94
UPDATED BY: DRS

DRN BY:	IDENTIFICATION NO.	ISSUED FOR	DATE
DES. BY: MJJ	PROJECT - MUSKEGON	PRELIMINARY <input checked="" type="checkbox"/>	7-21-94
CHK BY: CJF	STATE ACCOUNT	CONSTRUCTION <input checked="" type="checkbox"/>	11-09-94
APP'D BY: GDA	607-75-2450-400	FINAL RECORD <input type="checkbox"/>	

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STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
Office of Facilities

QUALITY OF LIFE RECREATION BOND
MICHIGAN DEPARTMENT OF NATURAL RESOURCES
PARKS DIVISION - STATE ACCT. NO. 607-75-2450-400

MUSKEGON STATE PARK
WASTEWATER SYSTEM
PUMP STATION ELECTRICAL SERVICE DETAILS

SCALE: HORIZ. 1"=60'
PROJ. NO.: 91159
SHEET 21 OF 21

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