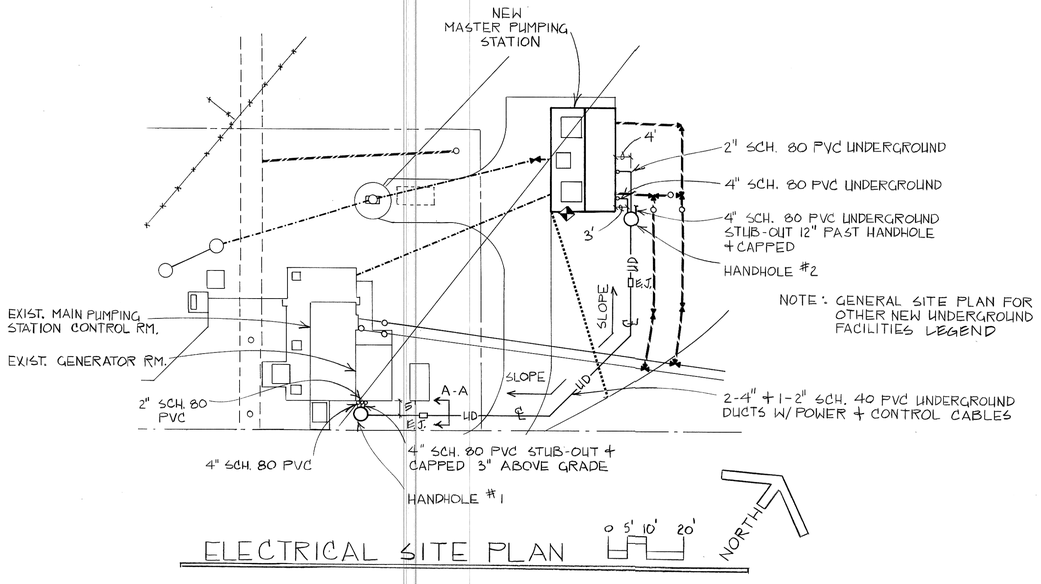


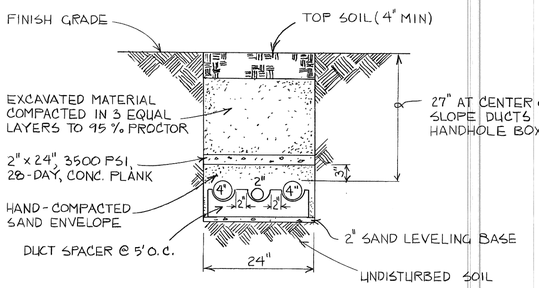
ELECTRICAL SITE PLAN

LEGEND

- TYPICAL OUTLET DESIGNATION
- CIRCUIT NUMBER / SWITCHING / FIXTURE TYPE
- INCANDESCENT OR HID FIXTURE
- WALL MOUNTED FIXTURE
- PORCELAIN LAMP HOLDER
- JUNCTION BOX
- SINGLE POLE SWITCH
- THREE WAY SWITCH
- FOUR WAY SWITCH
- SWITCH AND PILOT LIGHT
- MANUAL STARTER WITH HOA SWITCH WHERE REQ'D.
- FLOURESCENT FIXTURE
- MAGNETIC STARTER
- COMBINATION STARTER
- DISCONNECT SWITCH
- FUSED DISCONNECT SWITCH
- MOTOR
- FRACTIONAL HP FAN
- MOTORIZED DAMPER
- 3 POINT PUSH BUTTON STATION
- SELECTOR SWITCH (SUBSCRIPT USED TO INDICATE FUNCTION, HOA = HAND-OFF-AUTO.)
- THERMOSTAT
- UNIT HEATER
- EQUIPMENT BY OTHERS
- EXPOSED CONDUIT
- CONDUIT CONCEALED IN WALL, CEILING, OR FLOOR
- EXAMPLE : HOME RUN TO PANEL BOARD "A" CIRCUIT NUMBER 6
- EXAMPLE : CONDUIT WITH 6 - #10 CONDUCTORS, NO SIZE INDICATES #12 WIRES. (SEE NOTE BELOW)
- DIRECT BURIAL CABLES
- EC — EMPTY CONDUIT & PULL WIRE
- UD — UNDERGROUND DUCT
- E — CONDUIT STUBOUT
- UGP — UNDERGROUND POWER
- OHP — OVERHEAD POWER
- CONDUIT UP
- CONDUIT DOWN
- K — RELAY
- TC — TIME CLOCK
- M — METER ENCLOSURE AND METER SOCKET
- SV — SOLENOID VALVE
- PE — PRESSURE ELECTRIC SWITCH
- SIMPLEX RECEPTACLE
- DUPLEX RECEPTACLE
- SPECIAL PURPOSE RECEPTACLE
- TELEPHONE OUTLET P = PAY W = WALL
- R — RED INDICATING LIGHT
- WP — WEATHERPROOF EQUIPMENT
- EP — EXPLOSIONPROOF EQUIPMENT
- SC — SPEED CONTROL SWITCH
- EJ — EXPANSION JOINT
- DP — DOUBLE POLE
- TST — TEMP. SENSING TRANSISTOR

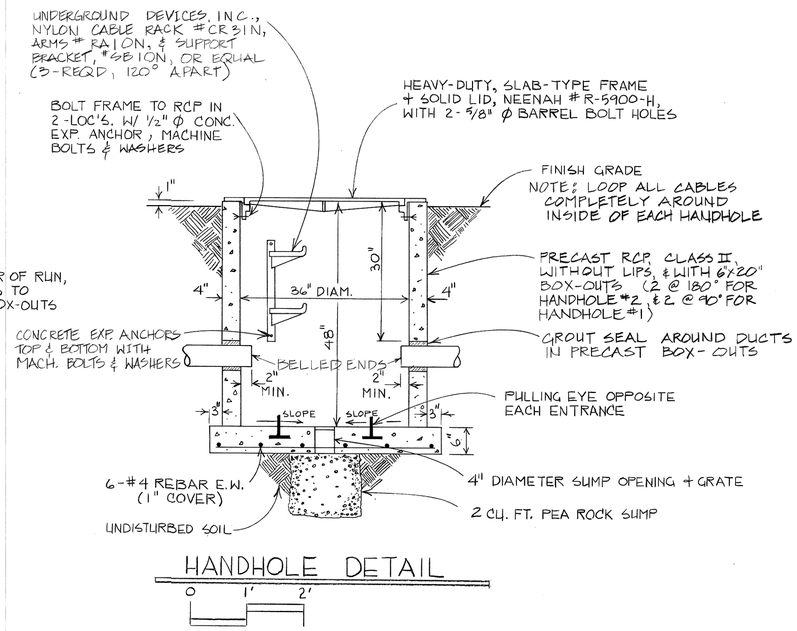
NOTES

1) CONDUCTOR SIZES SHALL BE INCREASED WHERE FOUR OR MORE CURRENT CARRYING CONDUCTORS ARE IN SAME CONDUIT PER N.E.C. SECTION 310.
2) CROSSLINES EQUALS NUMBER OF WIRES. LONG CROSSLINE EQUALS NEUTRAL OR SWITCHED. NO CROSSLINES EQUALS TWO WIRES.
3) GREEN GROUNDING CONDUCTOR SHALL BE PROVIDED IN EACH RACEWAY. (NOT INDICATED ON PLANS.)



SECTION A-A TRENCH/DUCT DETAIL

0 1' 2'



HANDHOLE DETAIL

0 1' 2'

PHASE III

REV.	DATE	DESCRIPTION	BY
△			
△			
△			
△			

MANDAN INTERCEPTOR 1984
MANDAN, NORTH DAKOTA
MASTER PUMPING STATION
ELECTRICAL SITE PLAN & LEGEND

ULTEIG ENGINEERS, INC. CONSULTING ENGINEERS • ARCHITECT FARGO • BISMARCK • MINNEAPOLIS

DRAWN BY: D.R.A.	SCALE: AS SHOWN	PROJECT NO. 4241.00
CHECKED BY: D.H.J.	DATE: MAY 1984	SHEET E-1 of
APPROVED BY: D.H.J.		

D. A. JOSEPHS REGISTERED PROFESSIONAL ENGINEER 1670 NORTH DAKOTA

Record Drawing

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