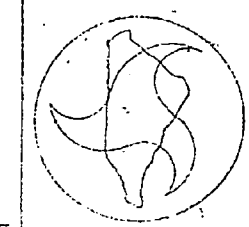


PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
STATE PROJ. NO. 6-269001T	P.A. PROJ. NO.	LOCATION

FACILITIES MANAGEMENT DIVISION
 N.C. DEPARTMENT OF TRANSPORTATION
 1 SOUTH VAUGHAN STREET
 RALEIGH, NORTH CAROLINA 27601
 (919) 737-6600 FAX (919) 737-6997



CAMP LEJUNE MARINE BASE
CAMP GEIGER

PROJECT NUMBER
 6-269001T
 SHEET NUMBER

A3

NEW CAMP GEIGER GATE

100

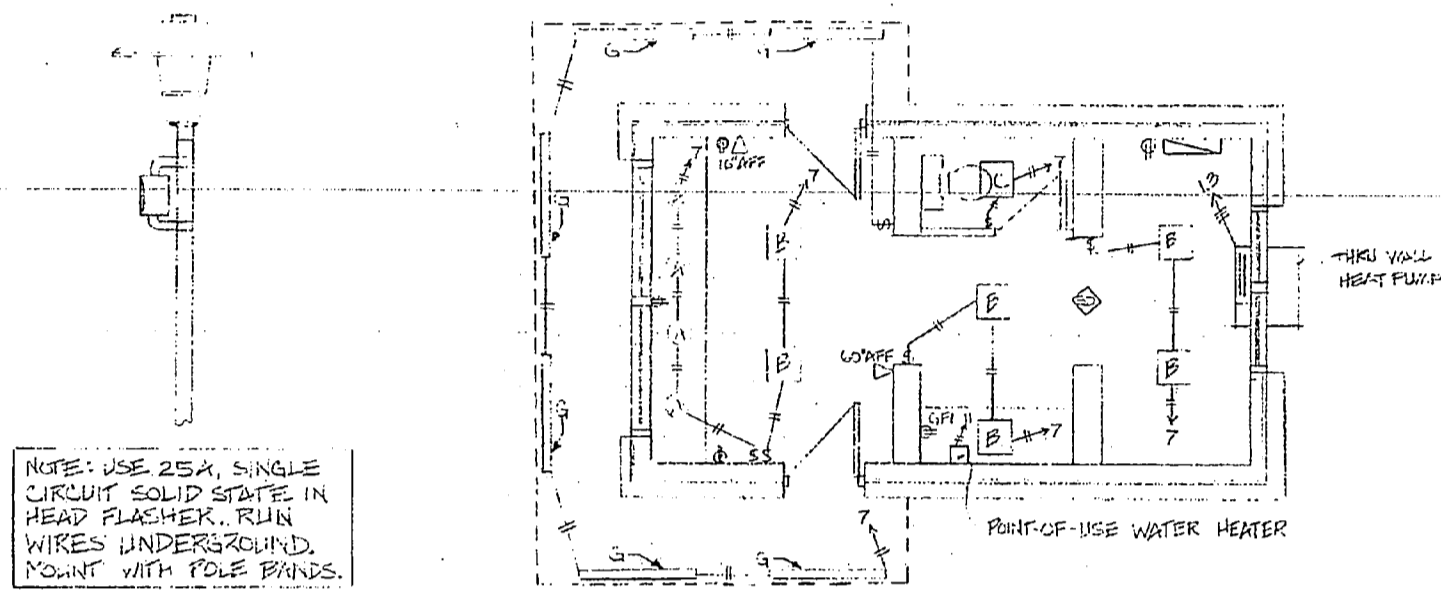
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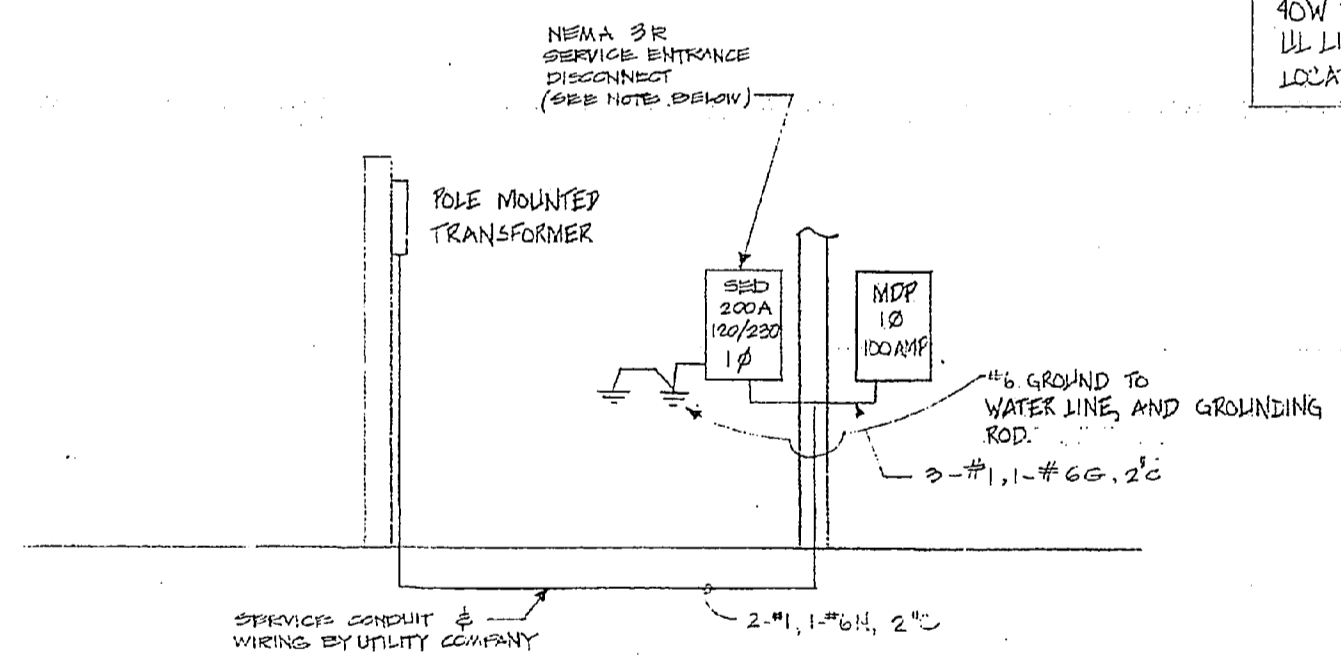
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PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
STATE PROJ. NO. 6-2247001 T	F.A. PROJ. NO.	DESCRIPTION



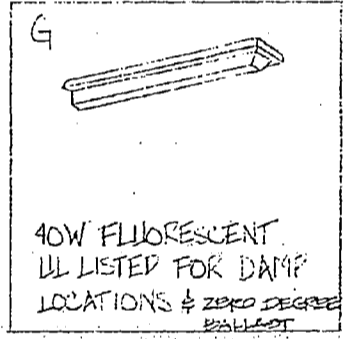
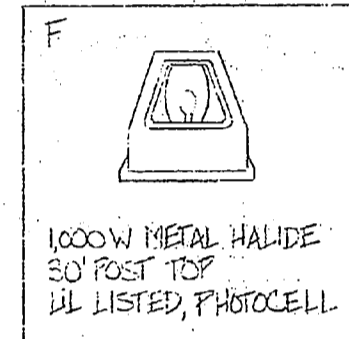
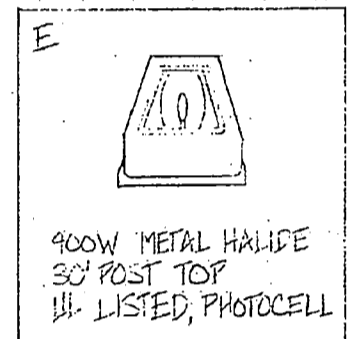
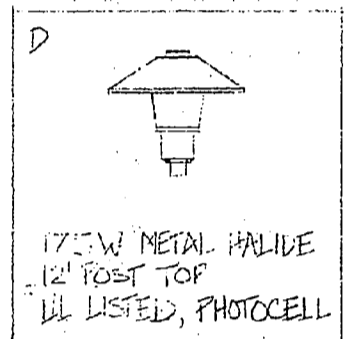
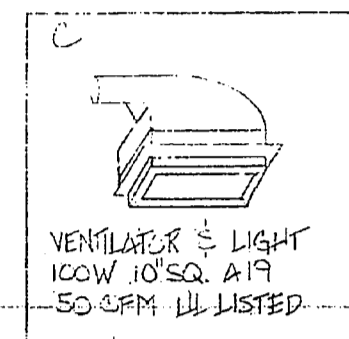
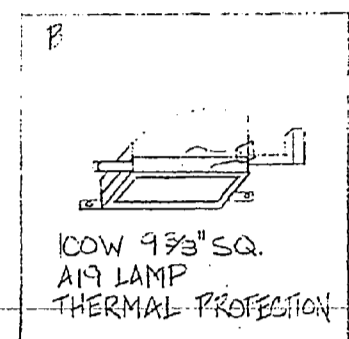
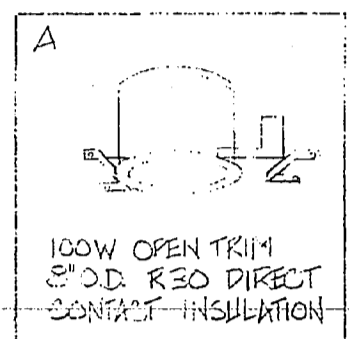
ELECTRICAL PLAN
1/4" = 1'-0"

NOTE: SIZING THE PIPE AND VTR IS THE RESPONSIBILITY OF THE CONTRACTOR.



ELECTRICAL RISER
NTS

NOTE:
- PROVIDE SED WITH 2 WIRES ON SERVICE SIDE
- PROVIDE 100 AMP FUSES & CUFF FOR PANEL (MDP)



CONNECTED LOAD

HEATING	2.77 kW
MOTORS	3.84 kW
PERIMETER LIGHTS	1.75 kW
BLDG. LIGHTS, FLASHER	1.66 kW
RECEPTACLES	0.90 kW
WATER HEATER	1.25 kW
	13.27 kW @ 240V 1Ø=55.29 k

MAIN DISTRIBUTION PANEL

HEATING	1	2	MOTOR (SEWER)
THRU WALL HEAT PUMP	3	4	
PERIMETER LIGHTS	5	6	MOTOR (WATER)
BLDG. LIGHTS, FLASHER	7	8	
RECEPTACLES	9	10	SPARE
WATER HEATER	11	12	
SPARE	13	14	
"	15	16	
"	17	18	
"	19	20	

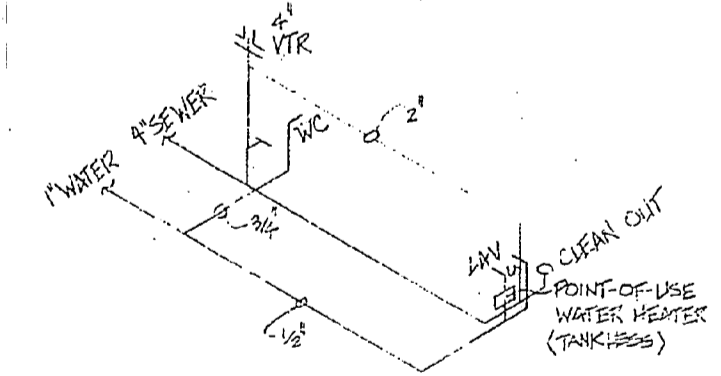
MDP - SURFACE MOUNTED TYPE NQDP 120/240V, 1Ø 3 WIRE, 5/8\"/>

ELECTRICAL LEGEND

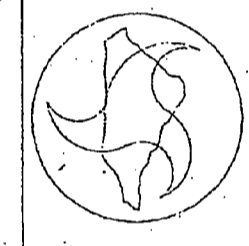
- △ TELEPHONE JACK
- +— BRANCH CIRCUIT
- +— HOMERUN TO CIRCUIT
- +— SINGLE POLE SWITCH
- +— MAIN DISTRIBUTION PANEL
- ⊕ RECEPTACLE
- ⊕ SMOKE DETECTOR

PLUMBING LEGEND

- WC WATER CLOSET
- LAV LAVATORY
- VTR VENT THRU ROOF
- COLD WATER
- HOT WATER
- SEWER LINE
- VENT LINE



Project Management
U.S. Department of Transportation
1 SOUTH WILMINGTON STREET
RALEIGH, NORTH CAROLINA 27601
Phone: 919/487-7100
Fax: 919/487-1810



CAMP LEJUNE MARINE BASE
CAMP GEIGER

PROJ. SET NUMBER:
6-2247001T

SHEET NUMBER:
PME

