



DUNCAN • WISNIEWSKI ARCHITECTURE
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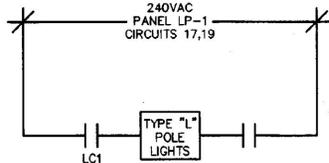
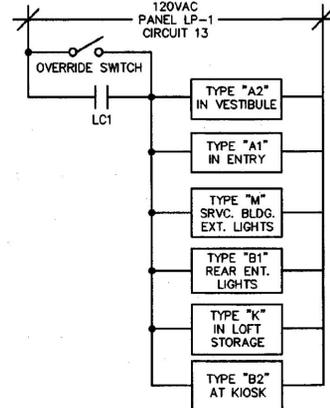
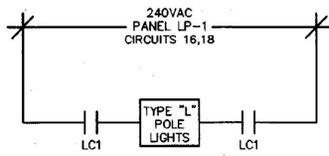
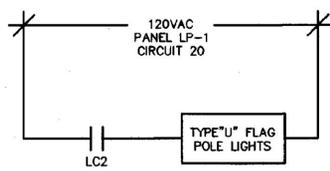
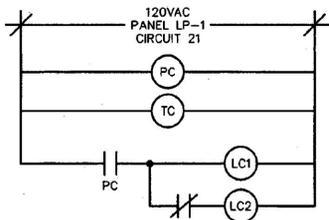
Hallam Associates
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(802) 868-6891

WILLISTON INFORMATION CENTER
189 NORTHBOUND
STATE PROJECT # IM-BLDG (4)

ELECTRICAL DETAILS

DRAWN: KES
CHECKED: BPB
PROJ.No: 10215
DATE: JAN 15, 2001

E-7nb

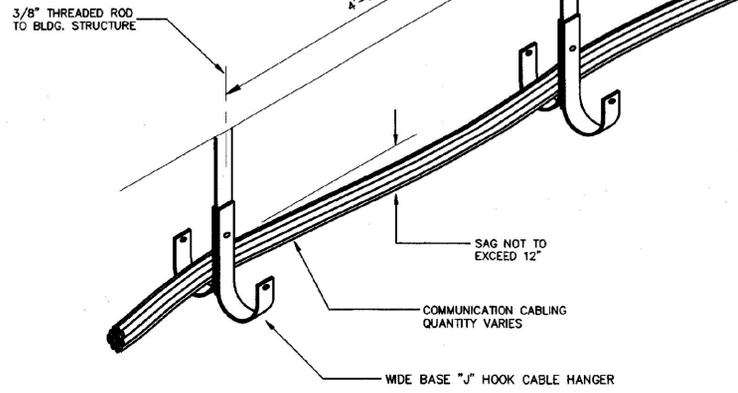


SITE LIGHTING CONTROL DIAGRAM

SCALE: NONE

NOTES:

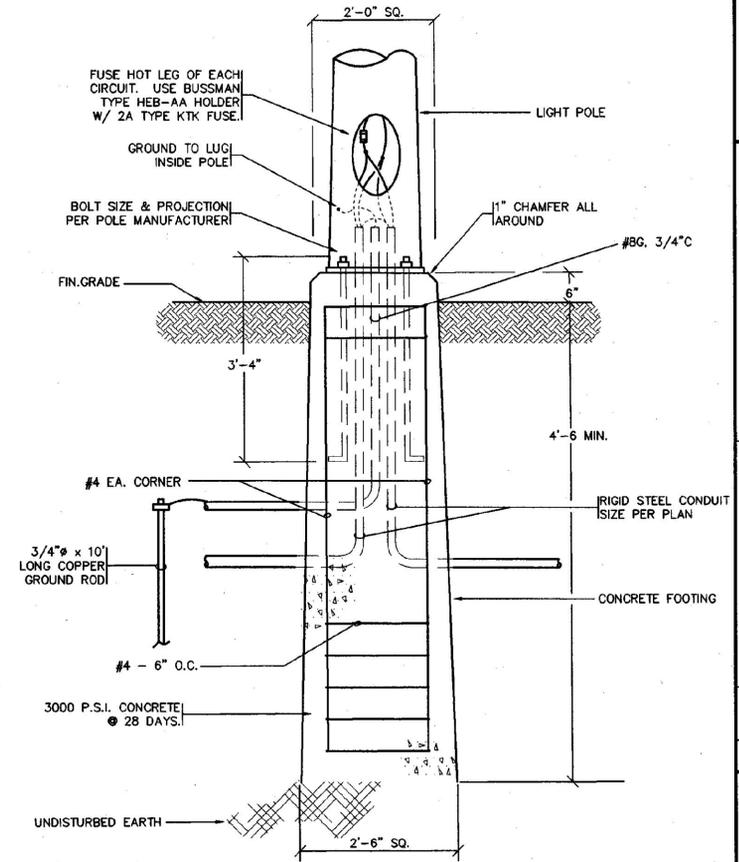
1. REFER TO SPECIFICATIONS FOR PHOTOCELL, TIME CLOCK, AND LIGHTING CONTACTOR REQUIREMENTS.



CABLE MANAGEMENT DETAIL

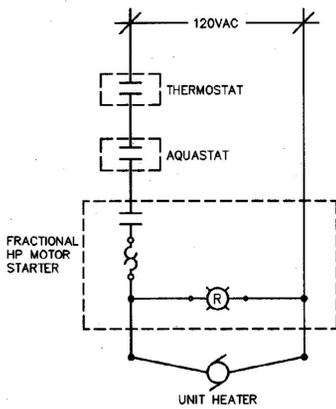
SCALE: NONE

- WHEN MAKING BENDS OR CORNERS MAINTAIN A MAXIMUM BEND RADIUS PER EIA/TIA STANDARDS AND MANUFACTURERS RECOMMENDATIONS.
- INSTALL MULTIPLE CLOSELY SPACED CABLE HANGERS ON CORNERS TO MAINTAIN PROPER BENDING RADI.
- CABLING SHALL BE ROUTED TO AVOID ALL SOURCES OF EMI OR AMBIENT ELECTRICAL NOISE WHENEVER POSSIBLE. MINIMUM DISTANCES FROM FROM EMI SOURCES ARE AS FOLLOWS:
 - FIVE (5) INCHES FROM UNSHIELDED POWER LINES OF < 2 KVA.
 - TWELVE (12) INCHES FROM UNSHIELDED POWER LINES OF 2 TO 5 KVA.
 - TWENTY FOUR (24) INCHES FROM UNSHIELDED POWER LINES OF > 5 KVA.
 - TWELVE (12) INCHES FROM HIGH VOLTAGE LIGHTING INCLUDING FLUORESCENT.
 - FORTY (40) INCHES FROM TRANSFORMERS AND ELECTRIC MOTORS.
 - NO CABLE RUNS SHOULD BE PARALLEL WITH AC LINES.
- FURNISH AND INSTALL 4" CONDUIT SLEEVES AT ALL RATED WALL PENETRATIONS. MAINTAIN 40% FILL RATIO TO ALLOW FOR FUTURE CABLING. SEAL ALL CONDUIT SLEEVES WITH A UL RATED PILLOW TYPE FIRE SEAL.



LIGHT POLE BASE DETAIL

NO SCALE

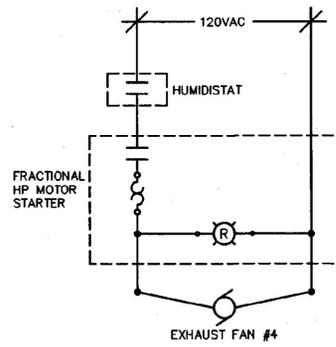


THERMOSTAT/AQUASTAT CONTROL DIAGRAM

SCALE: NONE

NOTES:

1. THERMOSTAT AND AQUASTAT SHALL BE PROVIDED BY MECHANICAL CONTRACTOR. MECHANICAL CONTRACTOR TO INSTALL AQUASTAT AND ELECTRICAL CONTRACTOR TO INSTALL THERMOSTAT AT LOCATION SHOWN ON DRAWINGS.

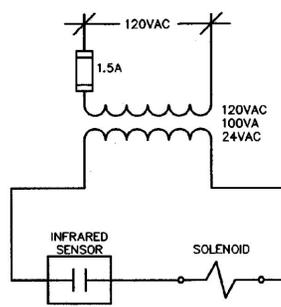


HUMIDISTAT CONTROL DIAGRAM

SCALE: NONE

NOTES:

1. HUMIDISTAT SHALL BE PROVIDED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.

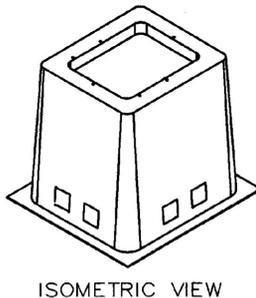


TYPICAL URINAL/WATER CLOSET WIRING DIAGRAM

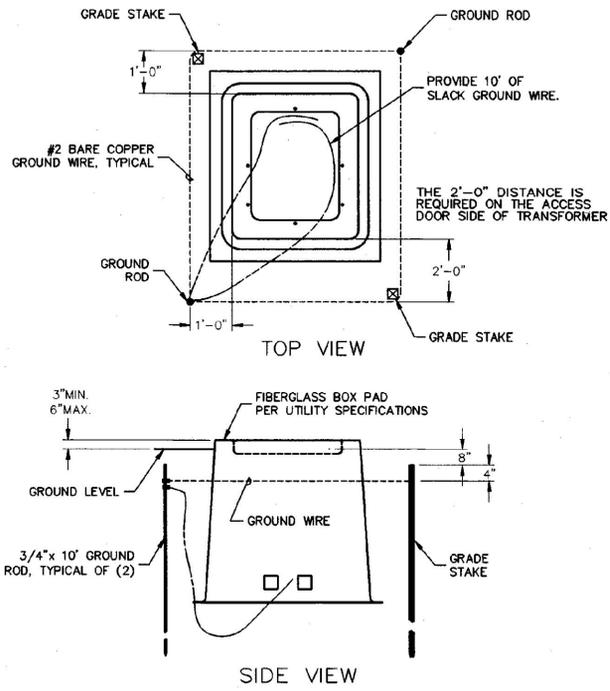
SCALE: NONE

NOTES:

- INFRARED SENSOR AND SOLENOID SHALL BE PROVIDED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
- PROVIDE AN 8" x 8" x 6" HINGED ENCLOSURE FOR TRANSFORMER AND FUSE BLOCK.

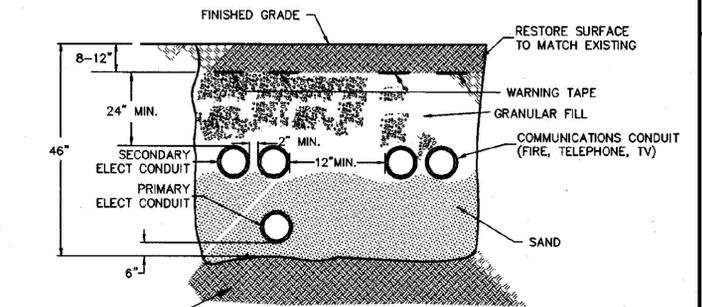


ISOMETRIC VIEW



TRANSFORMER PAD DETAIL

NO SCALE



UNDERGROUND CONDUIT DETAIL

NO SCALE

GENERAL NOTES:

- ELECTRIC UTILITY POWER ENGINEER MUST INSPECT ALL UNDERGROUND CONDUIT PRIOR TO BACKFILLING.
- WHEN BURIAL DEPTH IS LESS THAN 75% OF THE DEPTH SHOWN, RIGID STEEL CONDUIT OR CONCRETE ENCASUREMENT MUST BE USED.
- WHERE CONDUITS RUN UNDER ROADWAY OR PARKING AREA CONCRETE ENCASUREMENT MUST BE USED.

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MAIN FLOOR LIGHTING CONTROL DIAGRAM

SCALE: NONE

