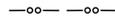
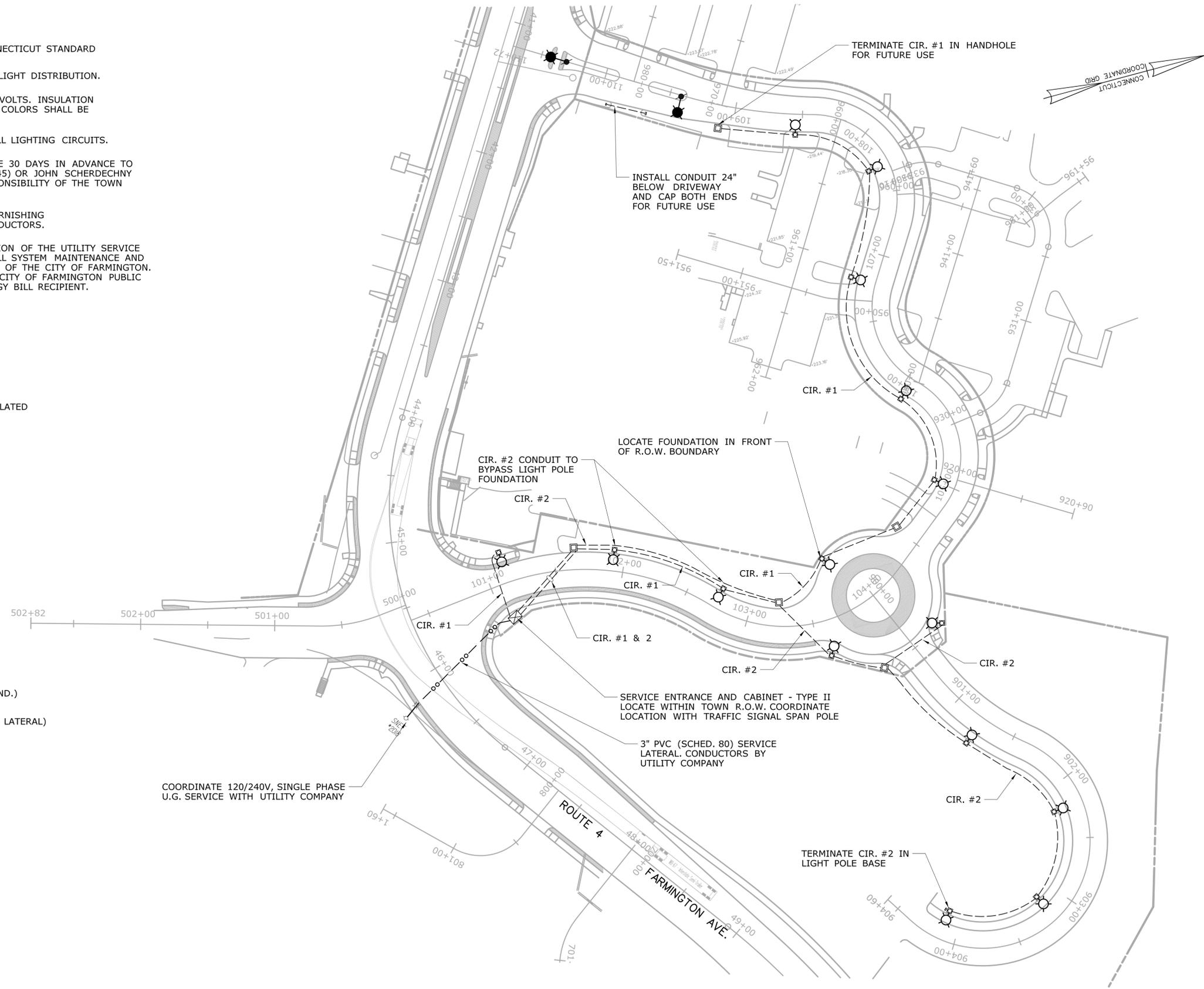


ILLUMINATION NOTES

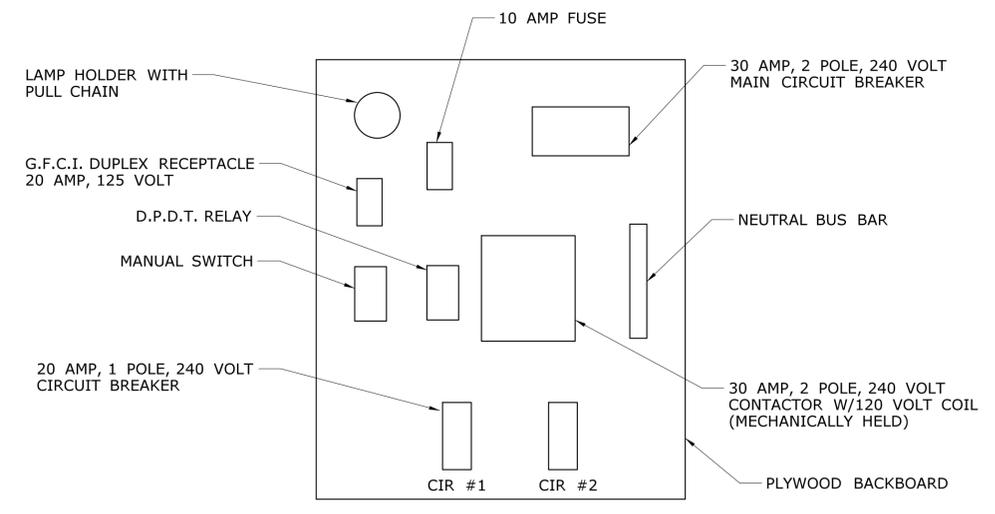
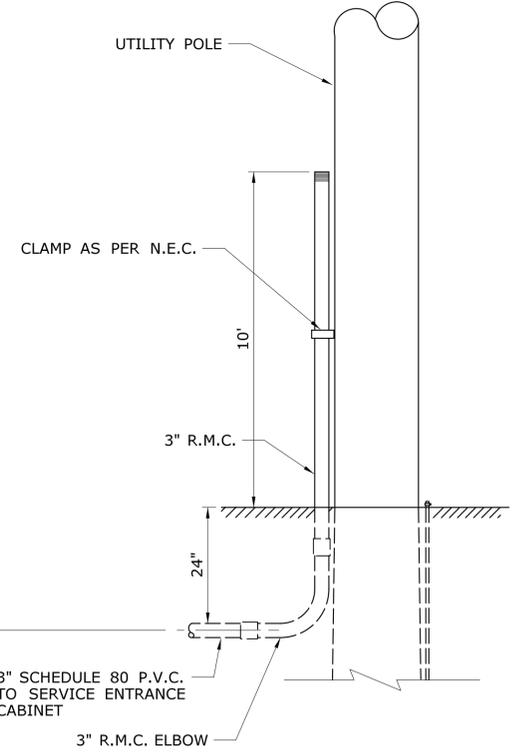
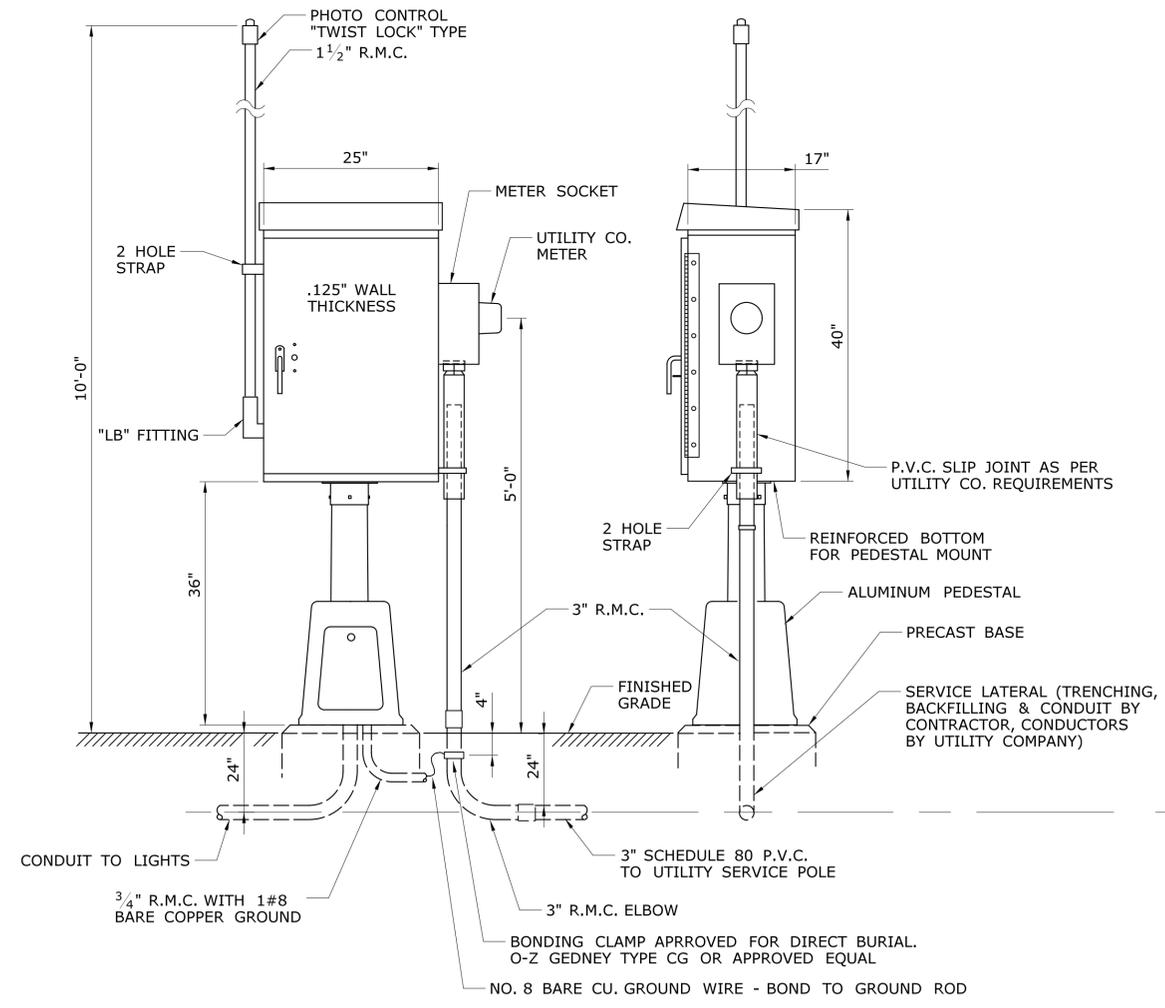
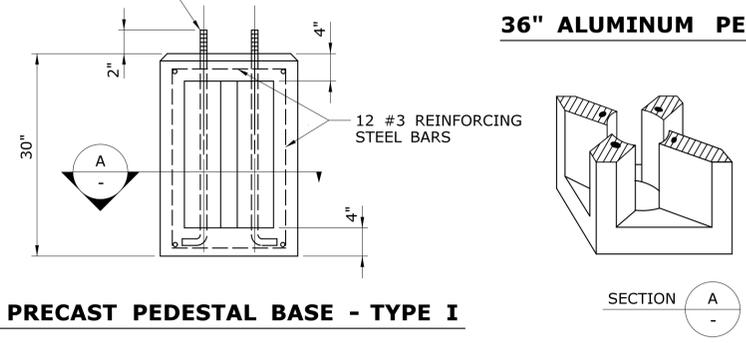
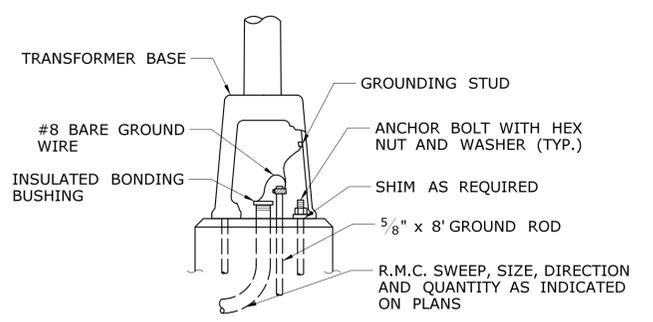
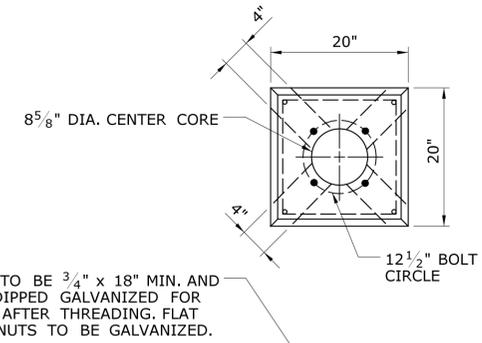
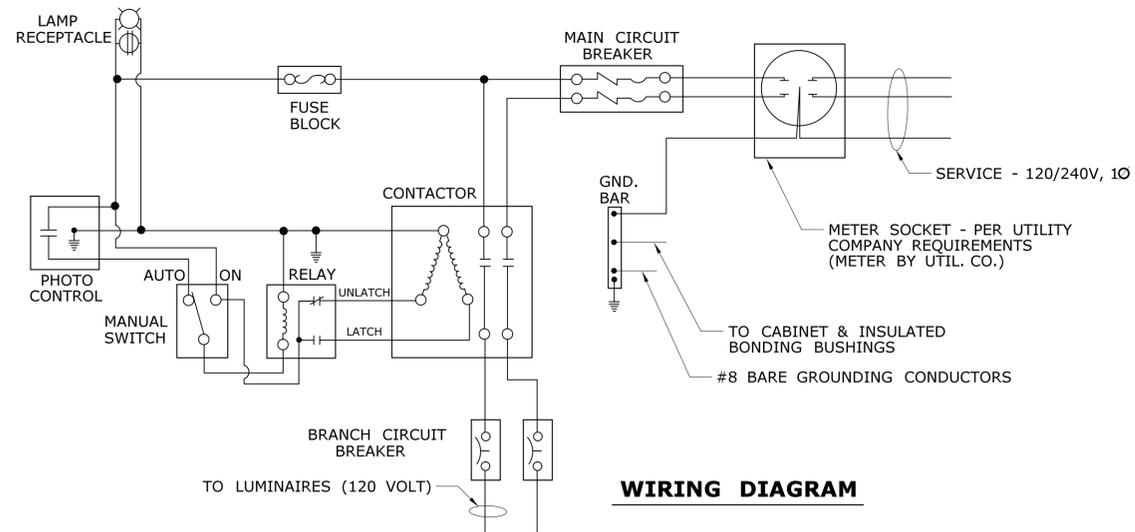
- 1) ALL ELECTRICAL WORK SHALL CONFORM TO THE NATIONAL ELECTRIC CODE, CONNECTICUT STANDARD SPECIFICATIONS, AND WHERE APPLICABLE, UTILITY COMPANY REGULATIONS.
- 2) ALL DECORATIVE LUMINAIRES SHALL BE RATED I.E.S. FULL-CUTOFF WITH TYPE 4 LIGHT DISTRIBUTION.
- 3) CONDUCTORS SHALL BE COPPER, INSULATION TYPE XHHW AND RATED FOR 600 VOLTS. INSULATION SHALL BE COLORED CROSS LINKED POLYETHYLENE (XLP). SINGLE PHASE CIRCUIT COLORS SHALL BE AS FOLLOWS: BLACK, WHITE AND GREEN.
- 4) INSTALL ONE NUMBER 8 BARE COPPER GROUNDING CONDUCTOR THROUGHOUT ALL LIGHTING CIRCUITS.
- 5) THE CONTRACTOR SHALL CONTACT THE FOLLOWING EVERSOURCE REPRESENTATIVE 30 DAYS IN ADVANCE TO COORDINATE METERED ELECTRIC SERVICE HOOK-UP: KEVIN O'BRIEN (860-280-2445) OR JOHN SCHERDECHNY (860-651-2560). PAYMENT FOR THE MONTHLY ENERGY COSTS SHALL BE THE RESPONSIBILITY OF THE TOWN OF FARMINGTON.
- 6) WHERE CONDUCTORS ARE TO BE PULLED INTO NEW CONDUIT, THE COST OF FURNISHING AND INSTALLING THE PULL-LINE SHALL BE INCLUDED IN THE COST OF THE CONDUCTORS.
- 7) THE PROPOSED LIGHTING EQUIPMENT SHOWN ON THIS PLAN WITH THE EXCEPTION OF THE UTILITY SERVICE LATERAL CONDUCTORS SHALL BE THE PROPERTY OF THE CITY OF FARMINGTON. ALL SYSTEM MAINTENANCE AND ENERGY COSTS ASSOCIATED WITH THE LIGHTING SHALL BE THE RESPONSIBILITY OF THE CITY OF FARMINGTON. THE CONTRACTOR SHALL CONTACT MR. RUSSELL ARNOLD (860-675-2305) OF THE CITY OF FARMINGTON PUBLIC WORKS DEPARTMENT TO COORDINATE SYSTEM TURN OVER AND MONTHLY ENERGY BILL RECIPIENT.
- 8) TAPE ALL UNUSED CONDUCTORS.
- 9) LIGHT STANDARD FOUNDATIONS SHALL BE INSTALLED AS FOLLOWS (DISTANCE TO CENTERLINE OF POLE) OR AS INDICATED ON THE PLANS.
 - DIRECTLY BEHIND SIDEWALK (SEE DRAWING NO. ILL-04)
 - 4' BEHIND EDGE OR ROADWAY WHERE NO SIDEWALK IS PRESENT
- 10) ALL CONDUCTOR SPLICES IN CONCRETE HANDHOLES SHALL BE MADE WITH INSULATED SUBMERSIBLE CONNECTORS.
- 11) ALL PVC CONDUIT SHALL BE SCHEDULE 80.
- 12) CONTRACTOR SHALL VERIFY R.O.W. LINE PRIOR TO INSTALLING FOUNDATIONS, HANDHOLES AND CONDUIT.

ILLUMINATION LEGEND

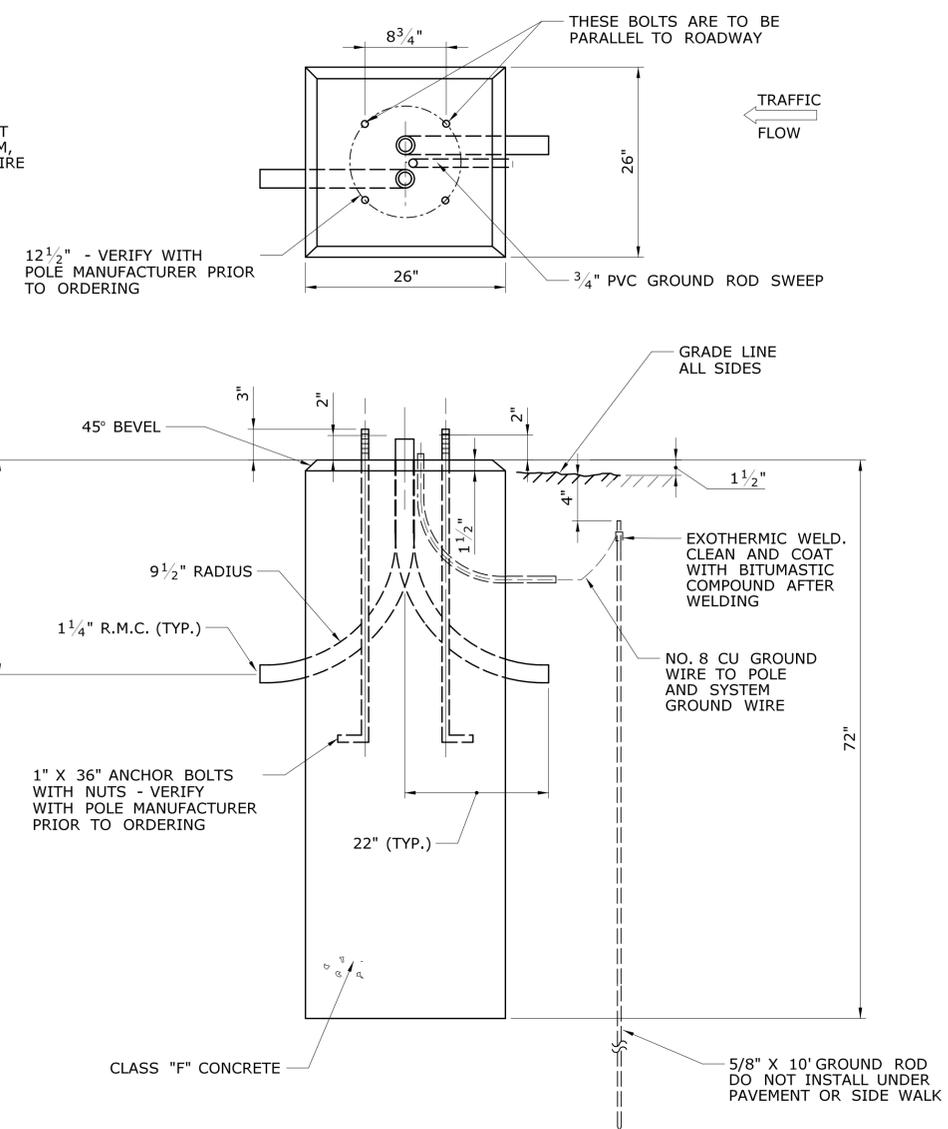
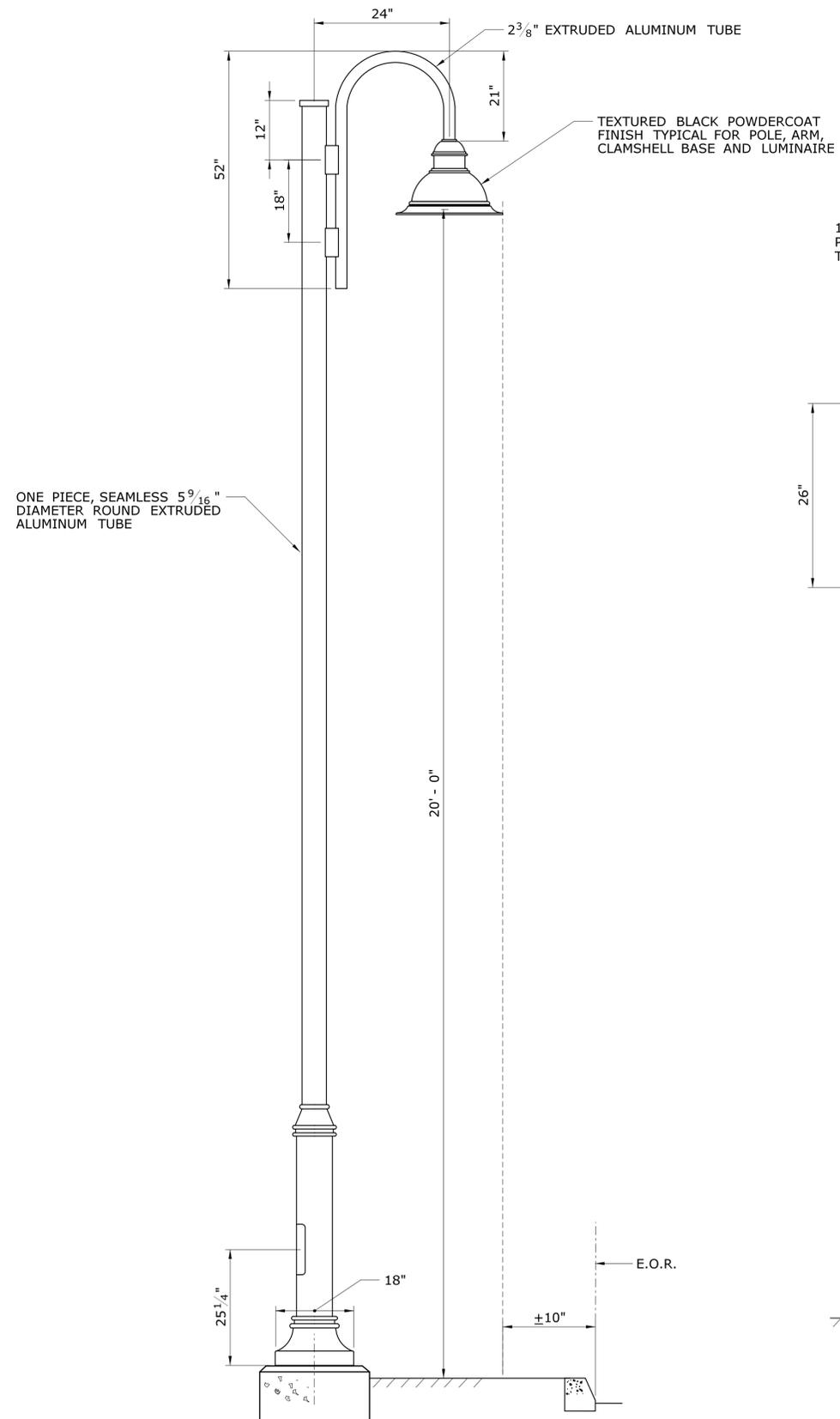
-  EXISTING LUMINAIRE ON EXISTING UTILITY POLE
-  DECORATIVE LIGHT POLE AND SINGLE LUMINAIRE (TYPE 4, FULL-CUTOFF, 20' MOUNTING HEIGHT ALUMINUM POLE)
-  PRECAST POLYMER CONCRETE HANDHOLE
-  1 1/4" PVC CONDUIT (SCHED. 80) IN TRENCH (2 #4, 1 #8 BARE GND.)
-  3" PVC CONDUIT (SCHED. 80) UNDER ROADWAY (UTILITY SERVICE LATERAL)
-  SERVICE ENTRANCE AND CABINET - TYPE II. PEDESTAL MOUNTED CABINET, 120/240V, 1 PHASE. SERVICE SHALL BE METERED.
-  CAP CONDUIT 24" BELOW GRADE



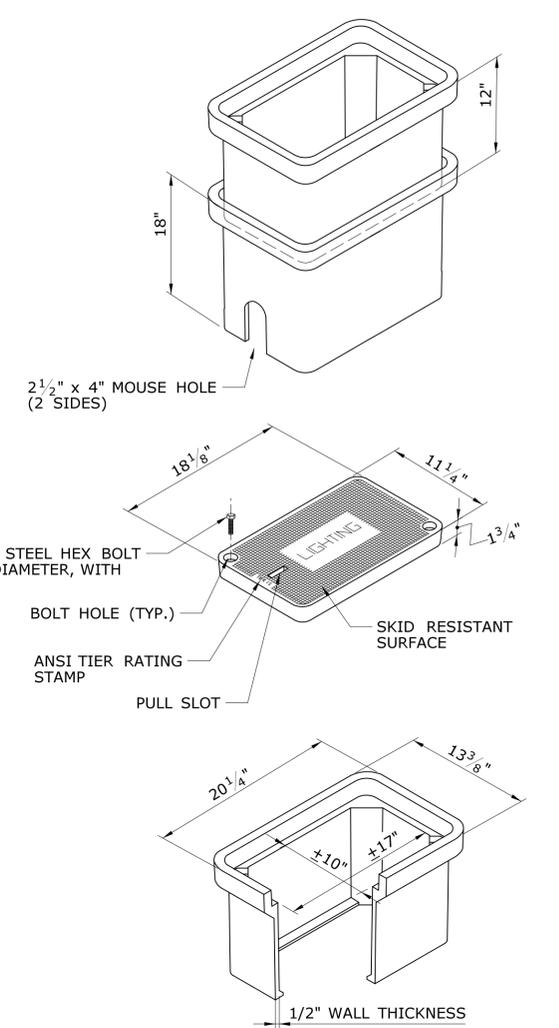
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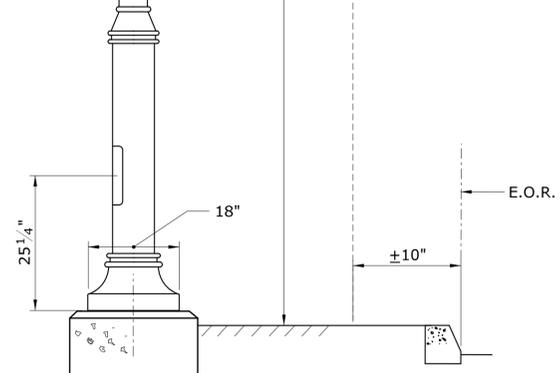
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CHECKED BY: JA						
REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 7/15/2015		



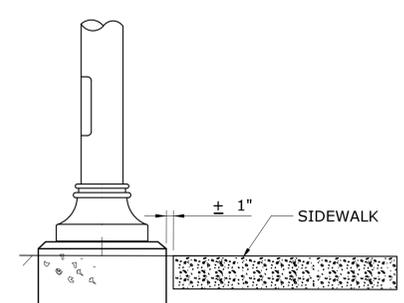
LIGHT STANDARD FOUNDATION (TYPE I)



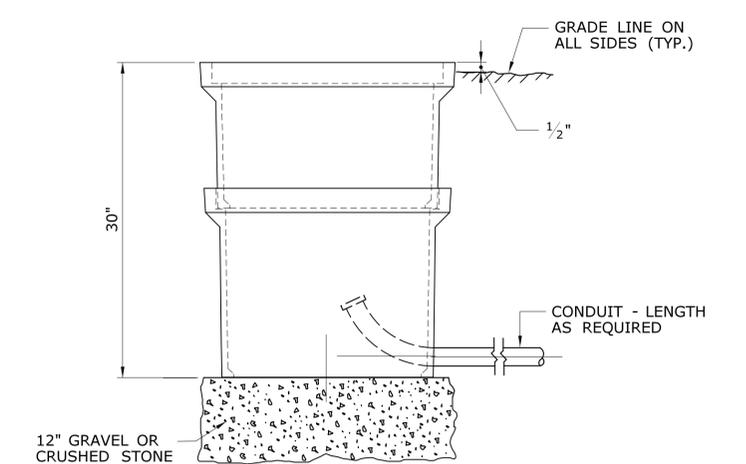
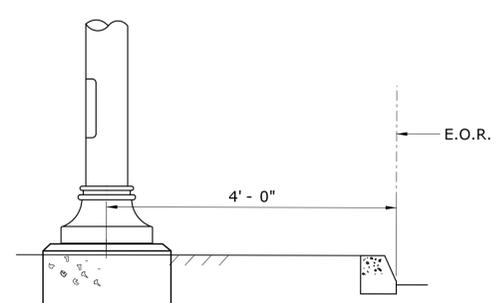
PRECAST POLYMER HANDHOLE



TYPICAL LIGHT POLE FOUNDATION OFFSET (SIDEWALK)



TYPICAL LIGHT POLE FOUNDATION OFFSET



POLYMER HANDHOLE INSTALLATION

REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 7/15/2015

DESIGNER/DRAFTER: **MSB**
 CHECKED BY: **JA**
 NO SCALE

STATE OF CONNECTICUT
 DEPARTMENT OF TRANSPORTATION

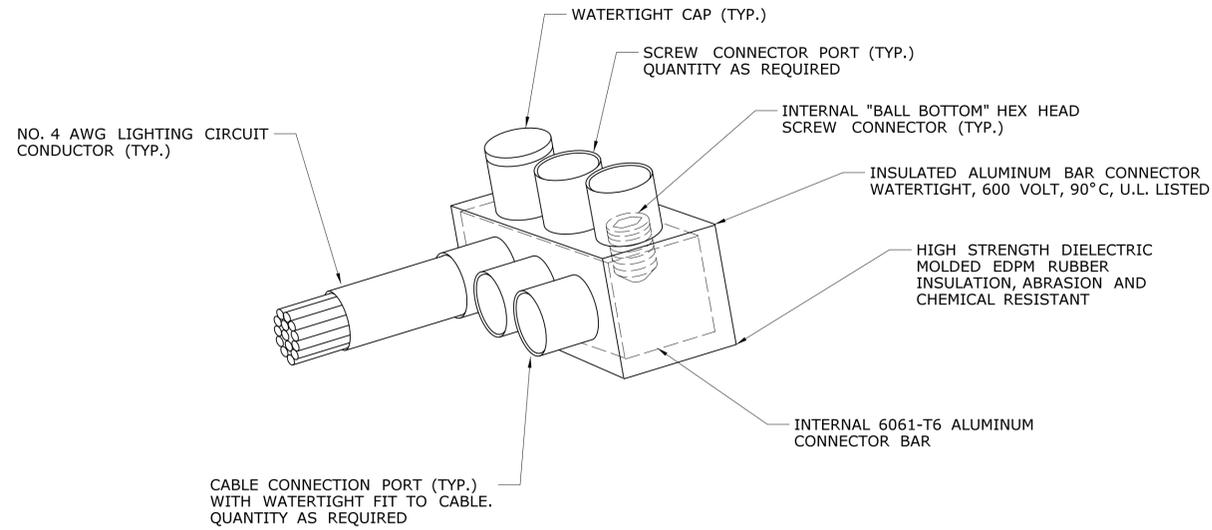
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OFFICE OF ENGINEERING
 APPROVED BY: *[Signature]*

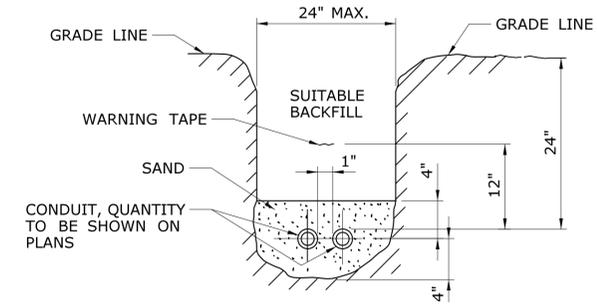
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SAFETY & TRAFFIC OPERATIONAL IMPROVEMENTS ON ROUTE 4 (FARMINGTON AVE) FROM GARDEN ST. TO MOUNTAIN SPRING RD.

TOWN: **FARMINGTON**
 DRAWING TITLE: **ELECTRICAL DETAILS 2**

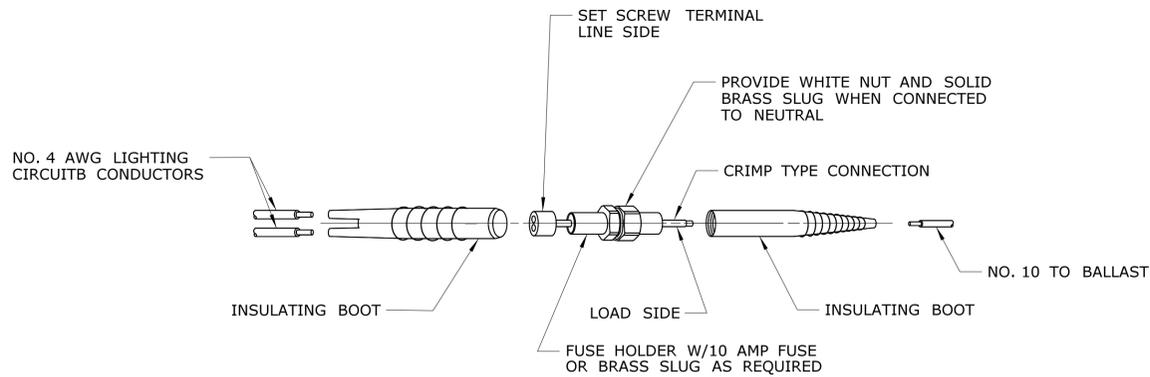
PROJECT NO. **51-260**
 DRAWING NO. **ILL-04**
 SHEET NO. **10.04**



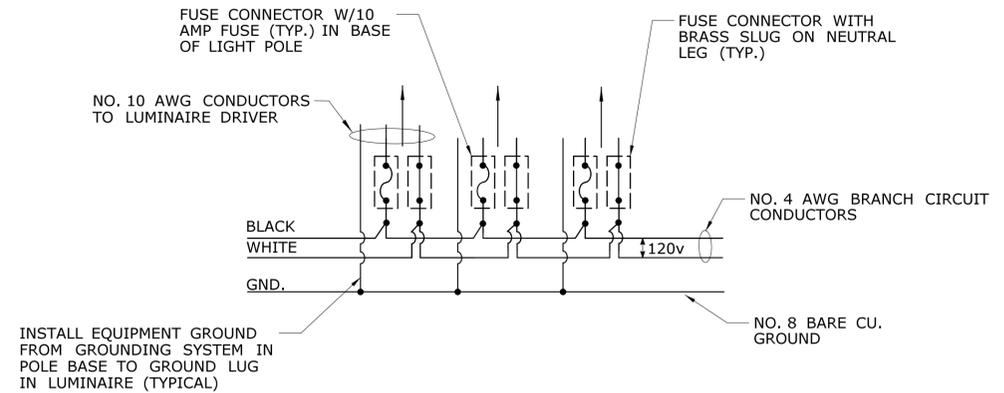
WATERTIGHT CONNECTOR
TO BE USED IN HANDHOLES



BURIED CONDUIT



FUSE CONNECTOR



1 PHASE 2 WIRE SYSTEM

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.		DESIGNER/DRAFTER: MSB CHECKED BY: JA NO SCALE	STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION Filename: ...VHW_MSH_0051-0260_ILL-05.dgn	SIGNATURE/BLOCK: OFFICE OF ENGINEERING APPROVED BY: 	PROJECT TITLE: SAFETY & TRAFFIC OPERATIONAL IMPROVEMENTS ON ROUTE 4 (FARMINGTON AVE) FROM GARDEN ST. TO MOUNTAIN SPRING RD.	TOWN: FARMINGTON	PROJECT NO. 51-260 DRAWING NO. ILL-05 SHEET NO. 10.05	
REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 7/15/2015				