



ENGINEER NOTE:
 1. EVALUATE FIXTURE HEIGHTS ABOVE 1'-2" ON A CASE BY CASE BASIS.
 2. COORDINATE WITH CIVIL FOR POSSIBLE TIE-IN WITH EXISTING AIRFIELD DRAINAGE SYSTEM.

FOR USE WITH THE ISOLATION GROUNDING METHOD.

BASE MOUNTED LIGHT FIXTURE NOTES:

1. INSTALL FIXTURE SO NUMBERING TAG AND SET SCREW FACE PAVEMENT EDGE.
2. INSTALL NEW L-823 CONNECTOR KITS WITH HEAT SHRINK AND CABLE TAGS AT ALL LIGHTS AND GUIDANCE SIGNS.
3. DEDICATED GROUND ROD SHALL NOT BE BONDED TO SEPARATE COUNTERPOISE SYSTEM (ISOLATION METHOD LIGHTNING PROTECTION).
4. COORDINATE EXACT LIGHT BASE AND CONDUIT DRAINING LOCATIONS WITH ENGINEER PRIOR TO WORK. INSTALL BASES WITH T-CONFIGURED CANS WITH A 1" CONDUIT AWAY FROM PAVEMENT, INCLUDING 45 DEGREE DOWN ELBOW WITH RODENT GUARD INTO MINIMUM 1 CUBIC FOOT OPEN GRADED, DRAINABLE AGGREGATE WRAPPED IN NON-WOVEN FILTER FABRIC. TOP OF AGGREGATE SHALL BE MINIMUM 36" BELOW GRADE.
5. FOR LIGHT BASES NOTED TO CONTAIN FIELD LIGHTNING ARRESTORS, INSTALL A T-CONFIGURED CAN WITH A 1" CONDUIT TOWARD THE PAVEMENT, INCLUDING A 45 DEGREE DOWN ELBOW. INSTALL A GROMMET ON THE END OF 45 DEGREE ELBOW TO PREVENT WATER ENTRY. INSTALL AN ADDITIONAL DEDICATED GROUND ROD OF THE COUNTERPOISE SYSTEM SPECIFICALLY AT THE FIELD LIGHTNING ARRESTOR LOCATION. UTILIZE EXOTHERMIC WELDS FOR ARRESTOR GROUND WIRE CONNECTION AND FOR COUNTERPOISE WIRE CONNECTION. INSTALL A MINIMUM #4 STRANDED XHHW-2 GREEN GROUND CONDUCTOR FROM THE ARRESTOR GROUND LUG, ROUTED THROUGH 1" CONDUIT, AND CONNECTED TO THE GROUND ROD VIA AN EXOTHERMIC WELD.

ENGINEER NOTE:
 MODIFY DETAIL TO MATCH EXISTING CONDITIONS OR BE SPECIFIC WHETHER SQUARE OR ROUND BASES ARE REQUIRED.

