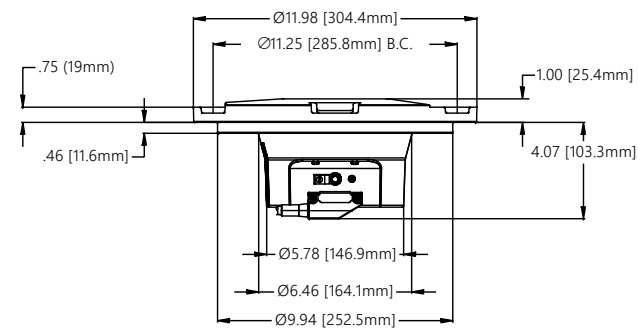
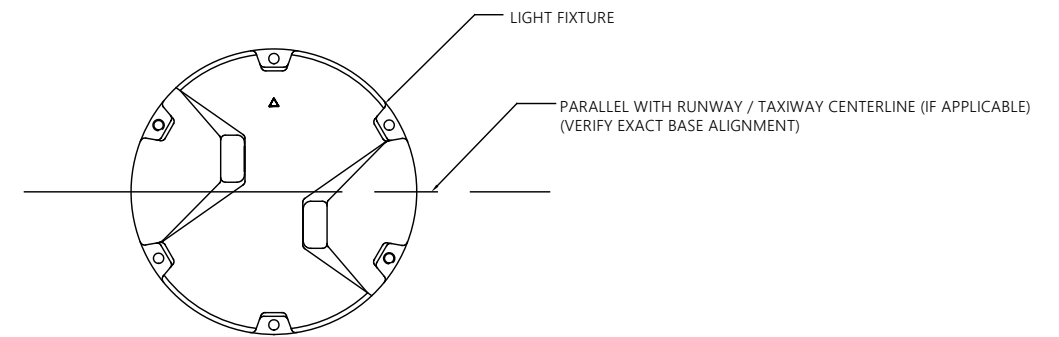


1 PIECE BASE INSTALLATION



REFERENCE DIMENSIONS

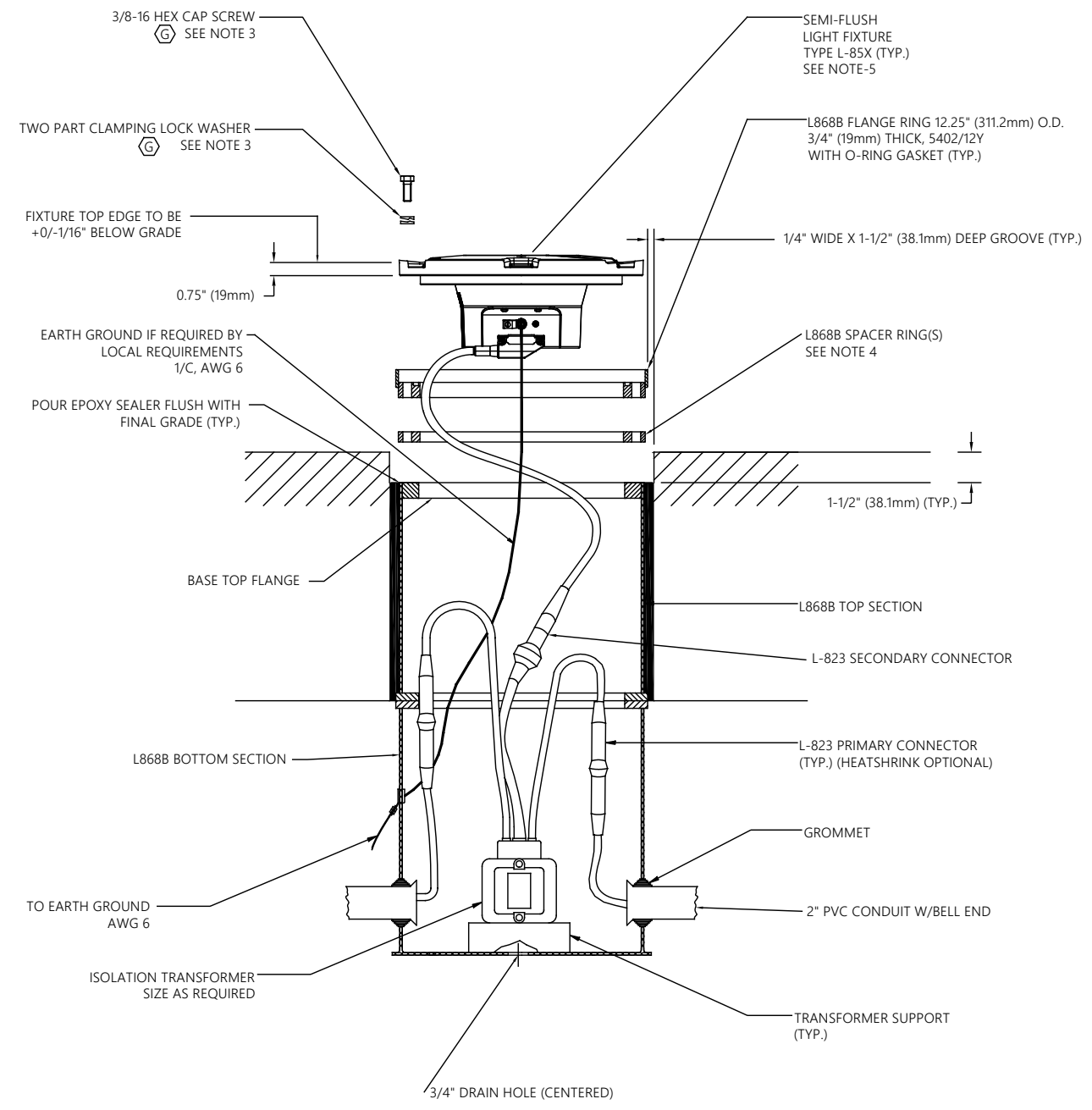


LIGHT DETAIL NOTES:

1. LIGHT BASES SHALL BE INSTALLED WITH CARE TO ASSURE VERTICAL & AZIMUTH ALIGNMENT OF FIXTURE.
2. PROVIDE 2'-3' (600-900mm) CABLE SLACK WITHIN LIGHT BASE TO ALLOW TRANSFORMER SERVICING.
3. REFER TO FAA ENGINEERING BRIEF 83 (LATEST REVISION) FOR RECOMMENDED INSTALLATION REQUIREMENTS INCLUDING BOLT, WASHER, AND TORQUE GUIDANCE.
4. AS REQUIRED TO MAINTAIN +0/-1/16" (1.5mm) BELOW GRADE FAA INSTALLATION TOLERANCE. A MAXIMUM OF THREE SPACER RINGS MAY BE STACKED TOGETHER, INCLUDING FLANGE RING.
5. ADB SAFEGATE PART (44AXXX/XXXX, ITCF-XXXXX, IRGL-XXXX) OR EQUAL, STYLE 3 LOW PROFILE.

CAUTION:
THIS DRAWING IS ONLY INTENDED FOR USE AS GENERAL AIRFIELD SYSTEM DESIGN GUIDANCE. THE DESIGNER MUST VERIFY DESIGN WITH LOCAL CODES AND VARYING CHARACTERISTICS FOR EACH UNIQUE AIRFIELD APPLICATION.

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| P.O. Box 30829 Tel: (614) 861-1304 977 Gahanna Parkway Fax: (614) 864-2069 Columbus, OH 43230 | | | |
| DRAWING TITLE: SIGNATURE SERIES LED & F-RANGE IN-PAVEMENT FIXTURE INSTALLATION | | | |
| REV LEVEL | ECO NUMBER | REVISION DESCRIPTION | DRAWN BY / REV DATE |
| G | 270 | REFER EB 83 | JEG / 17JUN19 |
| F | 4228 | MODIFY TORQUE VALUE | DLR / 1MAR16 |
| E | --- | PDM BUMP - NO CHANGE | --- |
| D | 3015 | ADD REF DIM VIEW | JLC / 14DEC10 |
| C | 2732 | SEE ECO | JLC / 28JUL10 |
| B | --- | CHG SPEC FROM +0/-125 TO +0/-116 | DTR / 04MAY06 |
| A | --- | --- | LWH / 25MAR04 |
| ASSOCIATED DRAWINGS | | DRAWN BY | DRAWN DATE |
| | | LWH | 4MAY04 |
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| SCALE: N/A | | SHEET NUMBER: 1 OF 2 | |
| DRAWING NUMBER: 117A0007 | | | REV: G |



2 PIECE BASE INSTALLATION

LIGHT DETAIL NOTES:

1. LIGHT BASES SHALL BE INSTALLED WITH CARE TO ASSURE VERTICAL & AZIMUTH ALIGNMENT OF FIXTURE.
2. PROVIDE 2'-3' (600-900mm) CABLE SLACK WITHIN LIGHT BASE TO ALLOW TRANSFORMER SERVICING.
3. REFER TO FAA ENGINEERING BRIEF 83 (LATEST REVISION) FOR RECOMMENDED INSTALLATION REQUIREMENTS INCLUDING BOLT, WASHER, AND TORQUE GUIDANCE.
4. AS REQUIRED TO MAINTAIN +0/-1/16" (1.5mm) BELOW GRADE FAA INSTALLATION TOLERANCE. A MAXIMUM OF THREE SPACER RINGS MAY BE STACKED TOGETHER, INCLUDING FLANGE RING.
5. ADB SAFEGATE PART {44AXXXX/XXXX, ITCF-XXXXX0, IRGL-XXXX0} OR EQUAL, STYLE 3 LOW PROFILE.

"EXAMPLE" SEQUENCE OF WORK:

- STEP 1**
ELECTRICAL CONTRACTOR LOCATES NEW LIGHT BASES AND INTERCONNECTING CONDUIT TRENCH, AND EXCAVATES FOR LIGHT BASE BOTTOM SECTION BY SAW CUTTING OR CORE DRILLING. ELECTRICAL CONTRACTOR PREPARES SUBGRADE AND STONE SUBBASE, SETS BOTTOM SECTION WITH REBAR, RIGID STEEL CONDUIT STUBS AND DRAIN, AND POURS HIGH EARLY STRENGTH CONCRETE-ENCASEMENT EXCAVATION. ELECTRICAL CONTRACTOR SHALL RECORD CAN LOCATIONS AND ELEVATIONS OF MUD PLATE AFTER CONCRETE-ENCASEMENT.
- ELECTRICAL CONTRACTOR EXCAVATES CONDUIT TRENCH, INSTALLS RIGID STEEL AND FITTINGS, BACKFILLS CONDUIT TRENCH WITH HIGH EARLY STRENGTH CONCRETE.
- STEP 2**
GENERAL CONTRACTOR PREPARES AND INSTALLS CONCRETE PAVEMENT. ELECTRICAL CONTRACTOR MAKES A PILOT CORE TO FIND MUD PLATE CENTER POINT INDENT BEFORE FINAL CORE-DRILLING.
- STEP 3**
ELECTRICAL CONTRACTOR CORE-DRILLS CONCRETE PAVEMENT. ELECTRICAL CONTRACTOR INSTALLS TOP SECTION, Y-FLANGE RING, SPACE AND LIGHTING FIXTURE, AND POURS EPOXY JOINT SEALER. PROVIDE SPACE FOR ADJUSTMENT WITH SPACERS, MAXIMUM NUMBER OF SPACERS SHALL BE 3.

CAUTION:
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| SCALE: N/A | | SHEET NUMBER: 2 OF 2 | |
| DRAWING NUMBER: 117A0007 | | | REV: G |