

LUMINAIRE:
 LENS FINISH: FROSTED CLEAR POLYCARBONATE
 HOUSING: ALUMINUM

LAMP:
 TYPE: 175W METAL HALIDE
 LUMENS: 9100 MEAN LMS
 CAT. NO.: ED 17 MOG/MXR 175/VBD

ANSI/IES TYPE:
 TYPE III CUT-OFF OPTICS WITH HOUSE SHIELD

MOUNTING HEIGHT TO LUMINOUS CENTER: 18.0' / 5486mm
GRID SIZE: 3 METER SQUARES

STREETSIDE

HOUSESIDE

GRID SIZE: 3 METER SQUARES

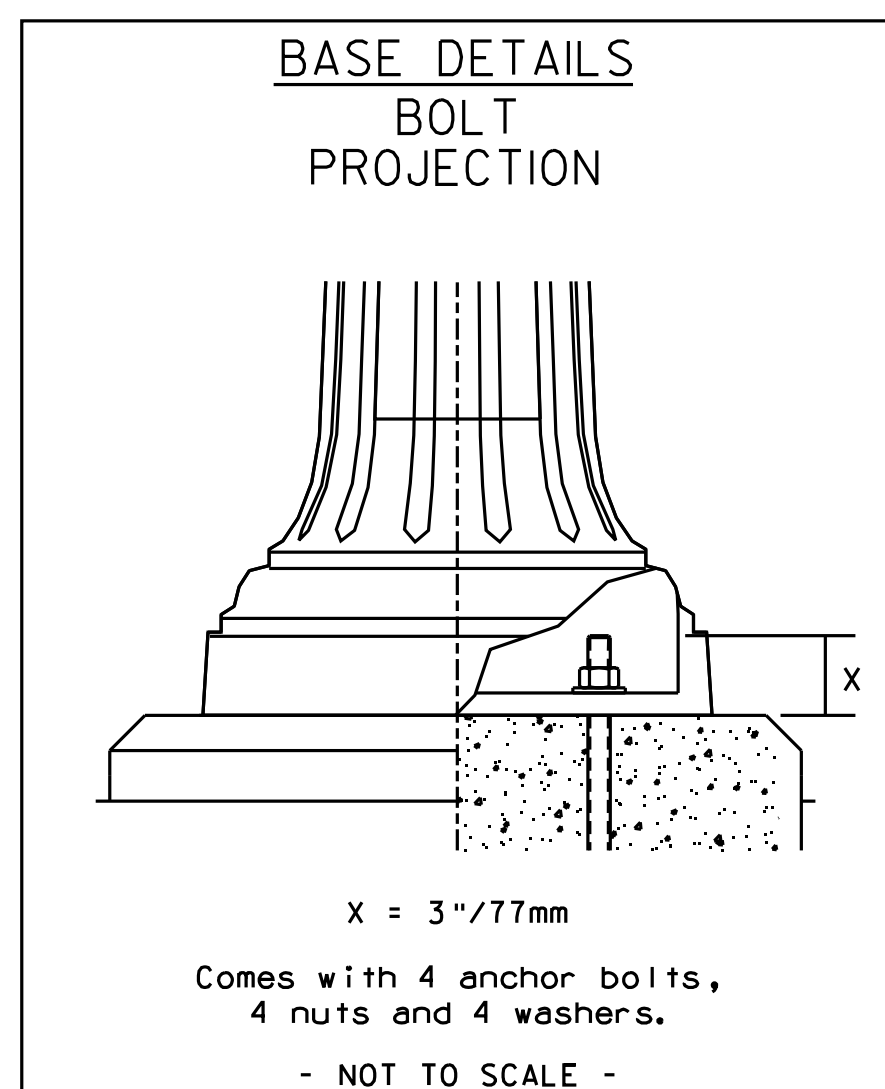
LUMINAIRE: 100MH-L50-PCFC-SE3-120-SFO-BKTX-1-FN1

1. Finial: Decorative cast 356 aluminum, mechanically assembled.
 2. Cupola: Decorative spun aluminum 1100-0, mechanically mounted on hood.
 3. Hood: Spun aluminum 1100-0 dome, mechanically assembled on the luminaire.
 4. Globe: Made of one-piece roto-molded frosted clear polycarbonate. The globe is mechanically assembled on the access-mechanism.
 5. Lamp: 175 watts metal halide, ED 17 bulb, mogul base.
 6. Optical System: (SE3), I.E.S. type III (asymmetrical) with house shield. Cut-off optical system. Multi-faceted hydroformed aluminum reflector brightened and anodized, mechanically assembled on the luminaire.
 7. Ballast: High power factor of 90%. Primary voltage 120 volts. Lamp starting capacity -20F (-30C) degrees. Assembled on a unitized removable tray with quick disconnect plug.
 8. Access-Mechanism: Rotomatic, die-cast A380 aluminum quarter-turn mechanism with constant-pressure spring-loaded points. The mechanism shall offer toolfree access to the inside of the luminaire, lamp and ballast tray. An embedded memory-retentive gasket shall ensure weatherproofing. A red key on the ballast tray shall indicate point of engagement.
 9. Fitter: Cast 356 aluminum c/w 4 set screws 1/4-20 UNC. Slip-fits on a 4" (102mm) outside diameter x 4" (102mm) long tenon.
- POLE RTA906V-16-PH7/120-GFI-BXTX-BA**
10. Pole Shaft: Shall be made from a 5" (127mm) 16 fluted mandrell-formed, tapered aluminum shaft 6" round, having a 0.250" (6.4mm) wall thickness, welded to the pole base.
 11. Joint Cover: One-piece round joint cover made from cast 356 aluminum, mechanically fastened with stainless steel screws.
 12. Maintenance Opening: The pole shall have a 4" wide x 9" long (102mm x 229mm) maintenance opening centered 15 5/8" (397mm) from the bottom of the anchor plate, complete with a weatherproof cast 356 aluminum cover and a factory assembly copper ground lug.
 13. Pole Base: Shall be made from a round fluted cast aluminum base complete with a cast-in anchor plate.
 14. Pole Options: PH7 button type photocell, 120 volts.

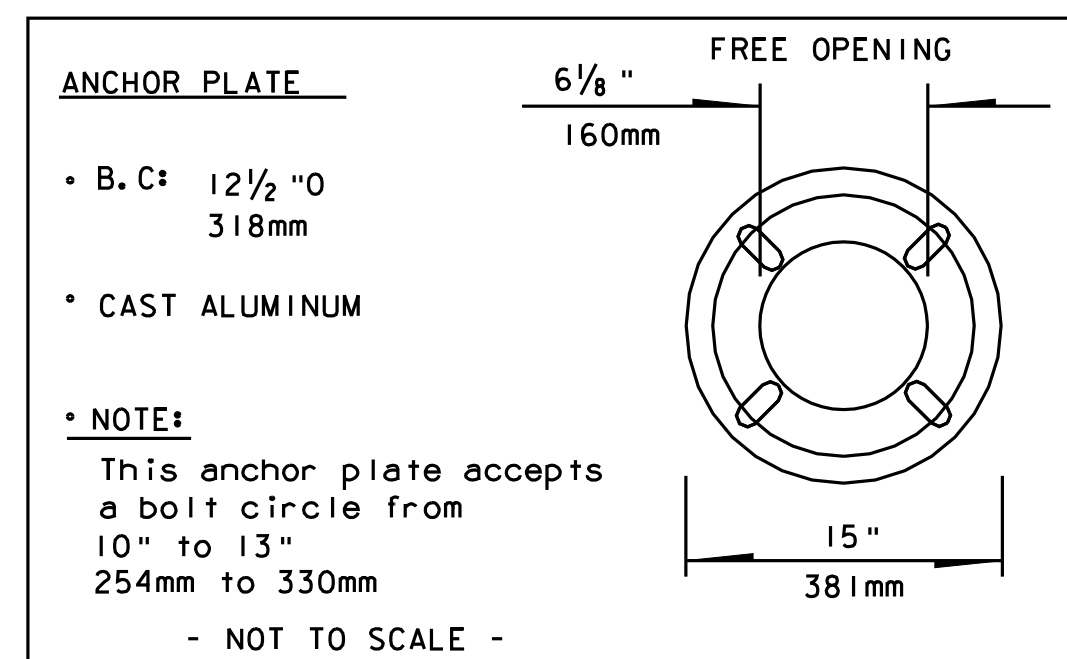
MISCELLANEOUS

15. Wiring: Type TEW 14 ga. 6" (152mm) minimum exceeding from luminaire
16. Hardware: All exposed screws will be in stainless steel. Neoprene and/or silicone gasketing is applied.

FIXTURE TYPE 'B'
ISO-FOOTCANDLE DATA
 NO SCALE



- ANCHORING BOLTS
- STAINLESS STEEL, 3/4" x 27" 19mm x 686mm (supplied by LUMEC inc).



PROJECT NAME: DANVILLE	PLOT DATE: 6/7/2007
PROJECT NUMBER: F EGC 028-3(32)	DRAWN BY: PBH
FILE NAME: db010frm.dgn	CHECKED BY: LAB
PROJECT LEADER: SAR	SHEET OF
DESIGNED BY: LAB	
LIGHTING DETAILS SHEET 5	