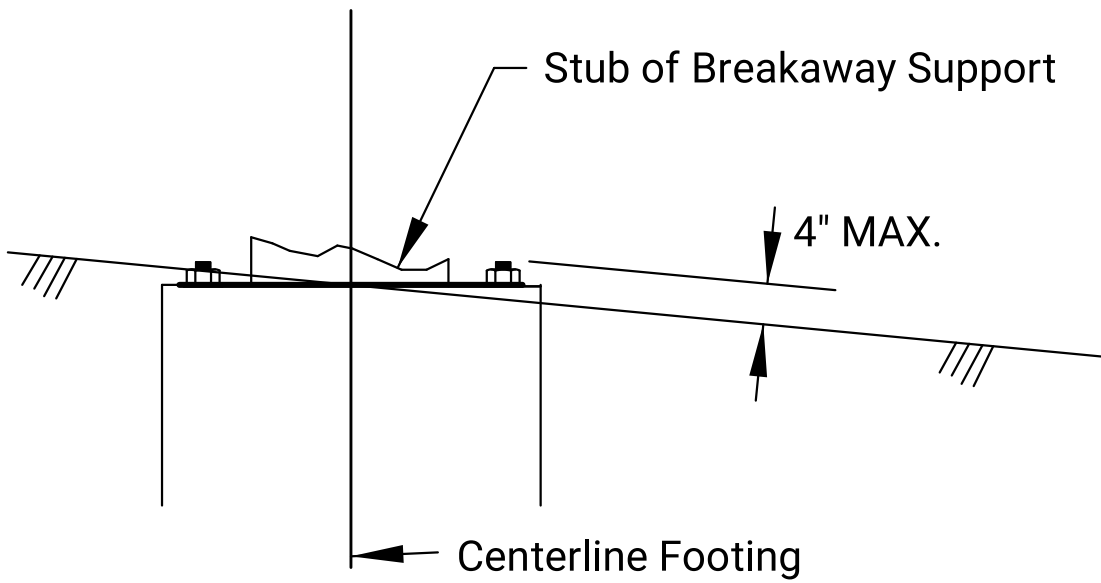


STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	XX-XX XX-XXXX-XX	XXXX	XXX	XXX

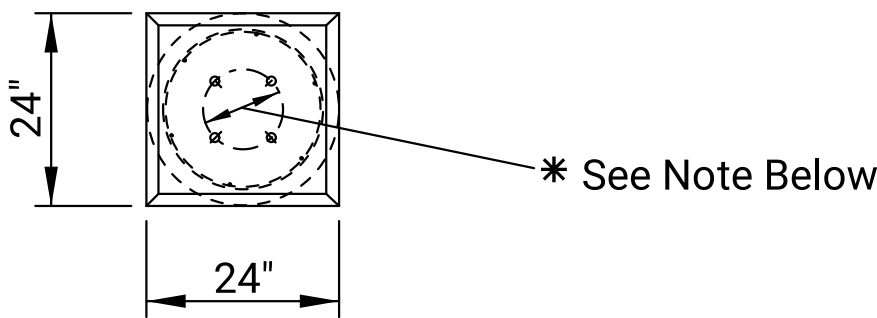
GROUNDING NOTE:
Light standards shall be grounded by means of a No.6 AWG solid bare copper ground wire bolted to the inside of the light standard shaft with a 1½" (inch) grounding nut. Ground wire shall be connected to the copperclad ground rod by means of a ground rod clamp with an exothermic connection.

The 4" (inch) maximum is a requirement of the breakaway criteria in the 2013 Edition of the AASHTO Publication, Standard Specifications for Structural Supports for the Highway Signs, Luminaries and Traffic Signals, and KDOT Special Provision 744.

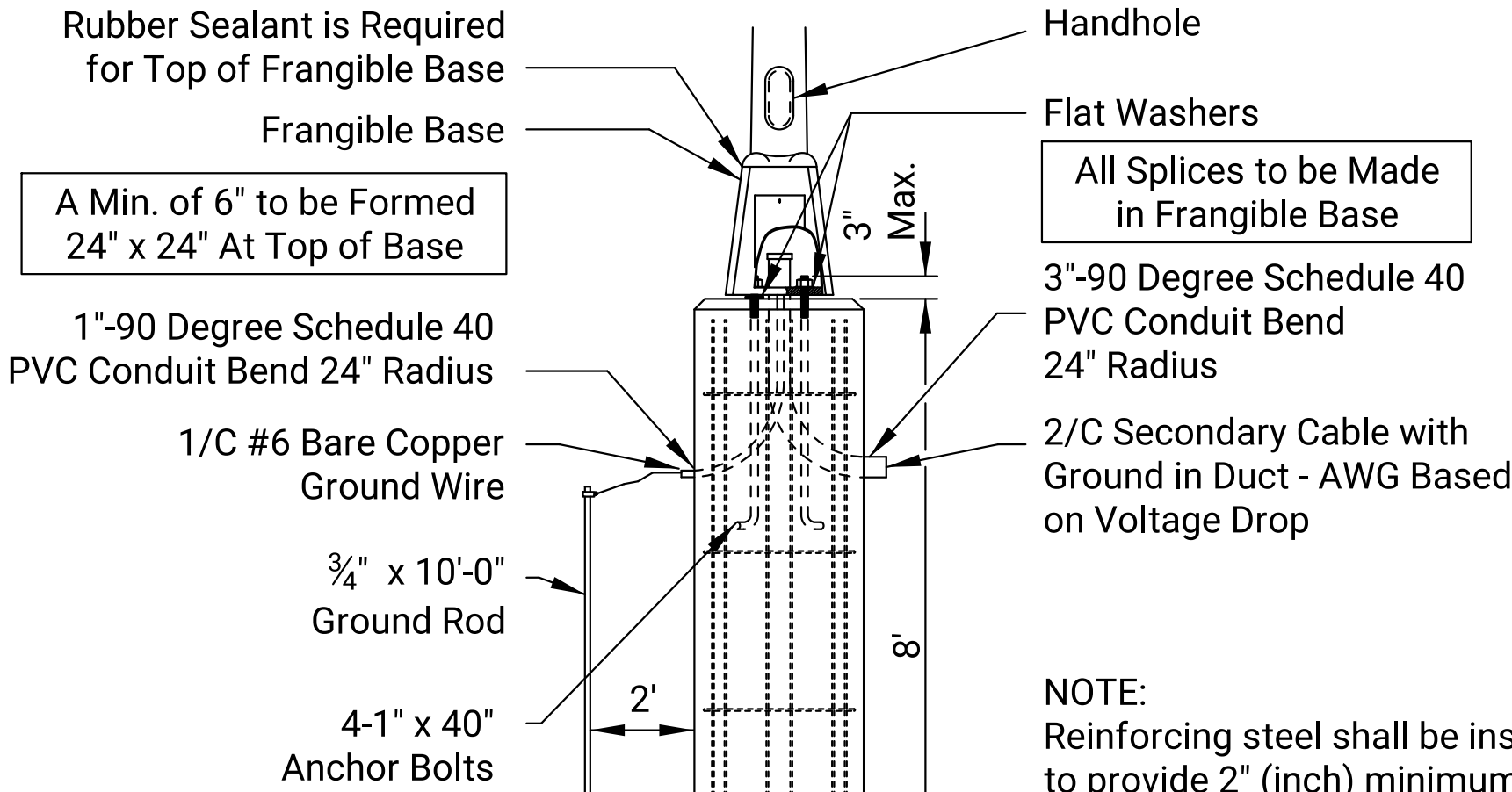


BREAKAWAY SUPPORT STUB CLEARANCE DIAGRAM

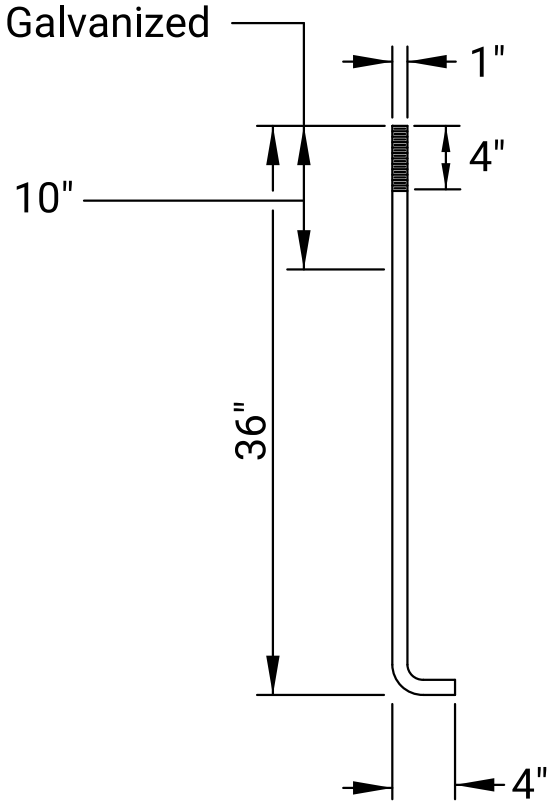
NOTE:
The foundation shall be installed to meet the breakaway support stub clearance of 4" (inch) maximum, to include anchor bolts.



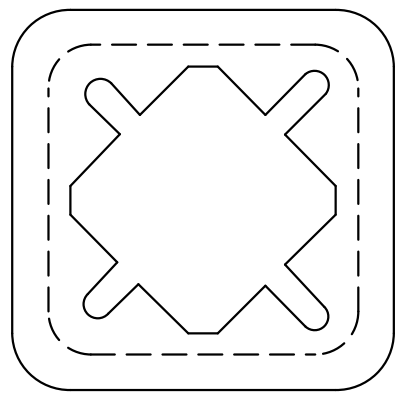
TOP VIEW FOUNDATION



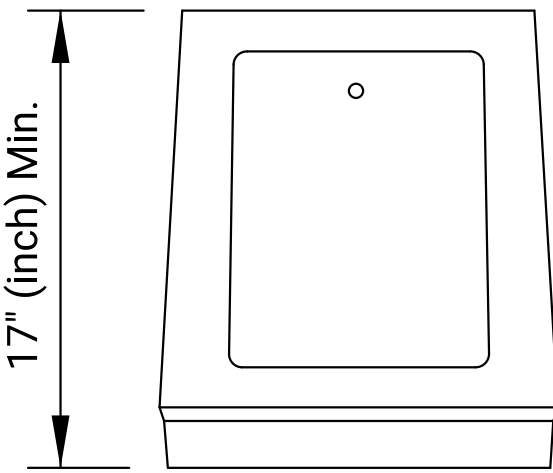
FOUNDATION DETAIL



ANCHOR BOLT DETAIL

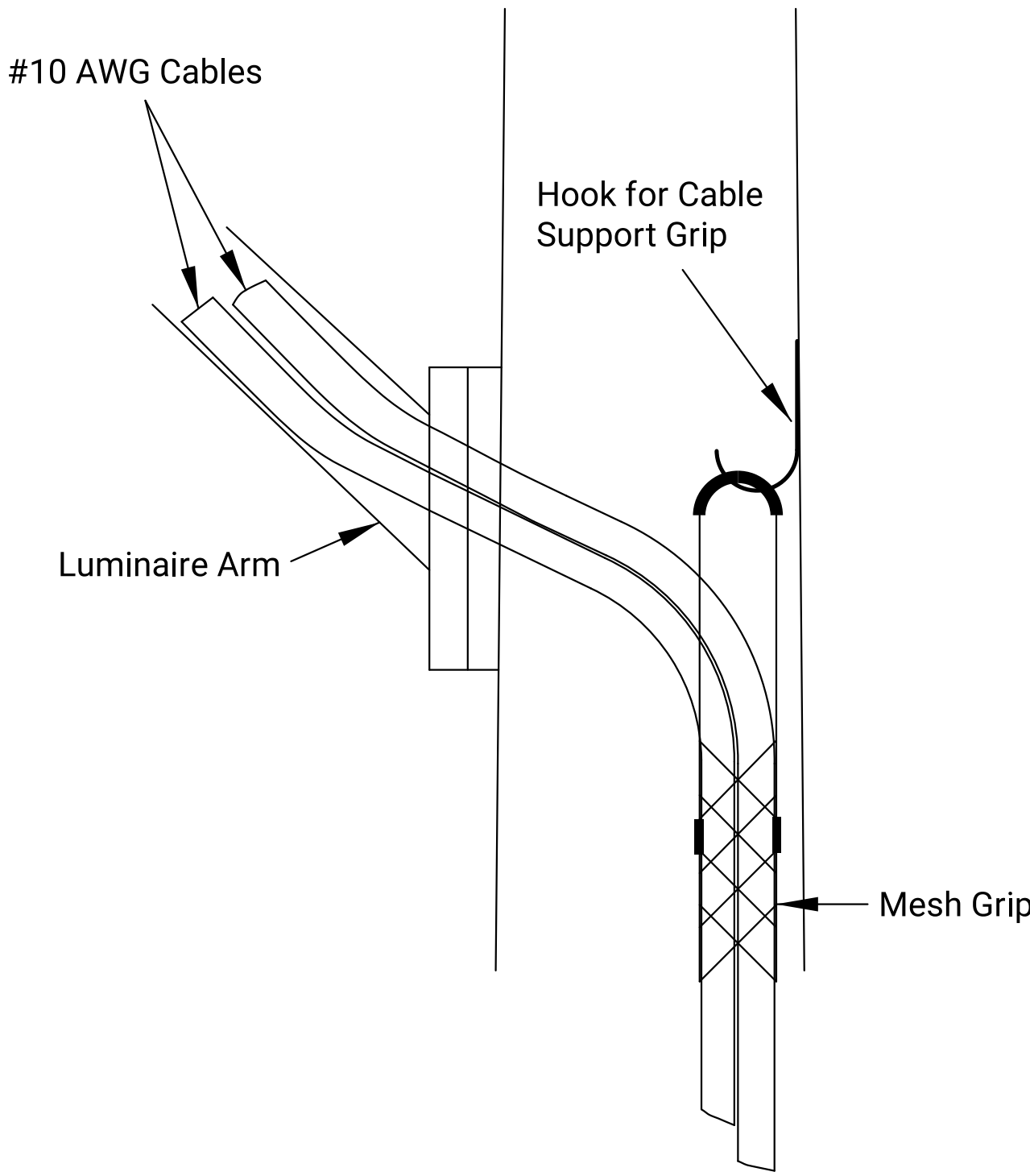


TOP AND BOTTOM VIEW



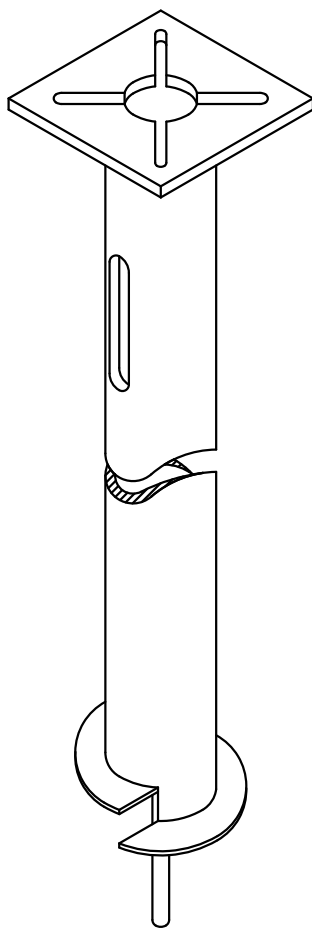
SIDE VIEW FRANGIBLE BASE

* NOTE:
The frangible base must accommodate up to a 15" (inch) bottom bolt circle.



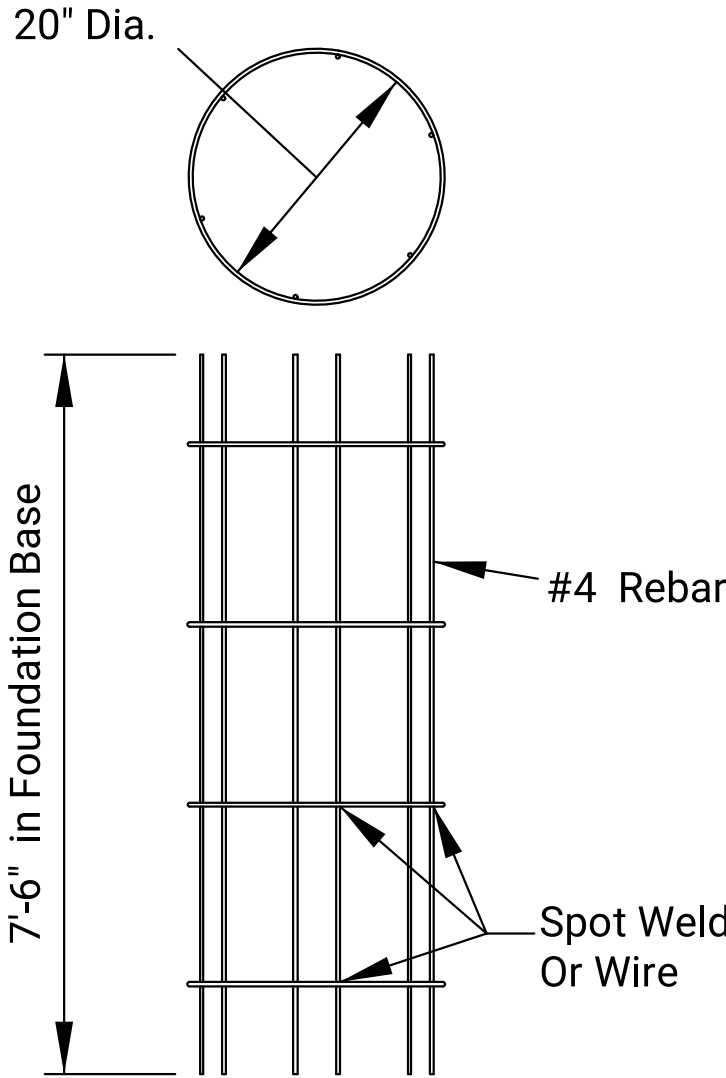
CABLE SUPPORT GRIP

NOTE:
The cable support grip shall be installed on the hook supplied within the light pole as shown above.



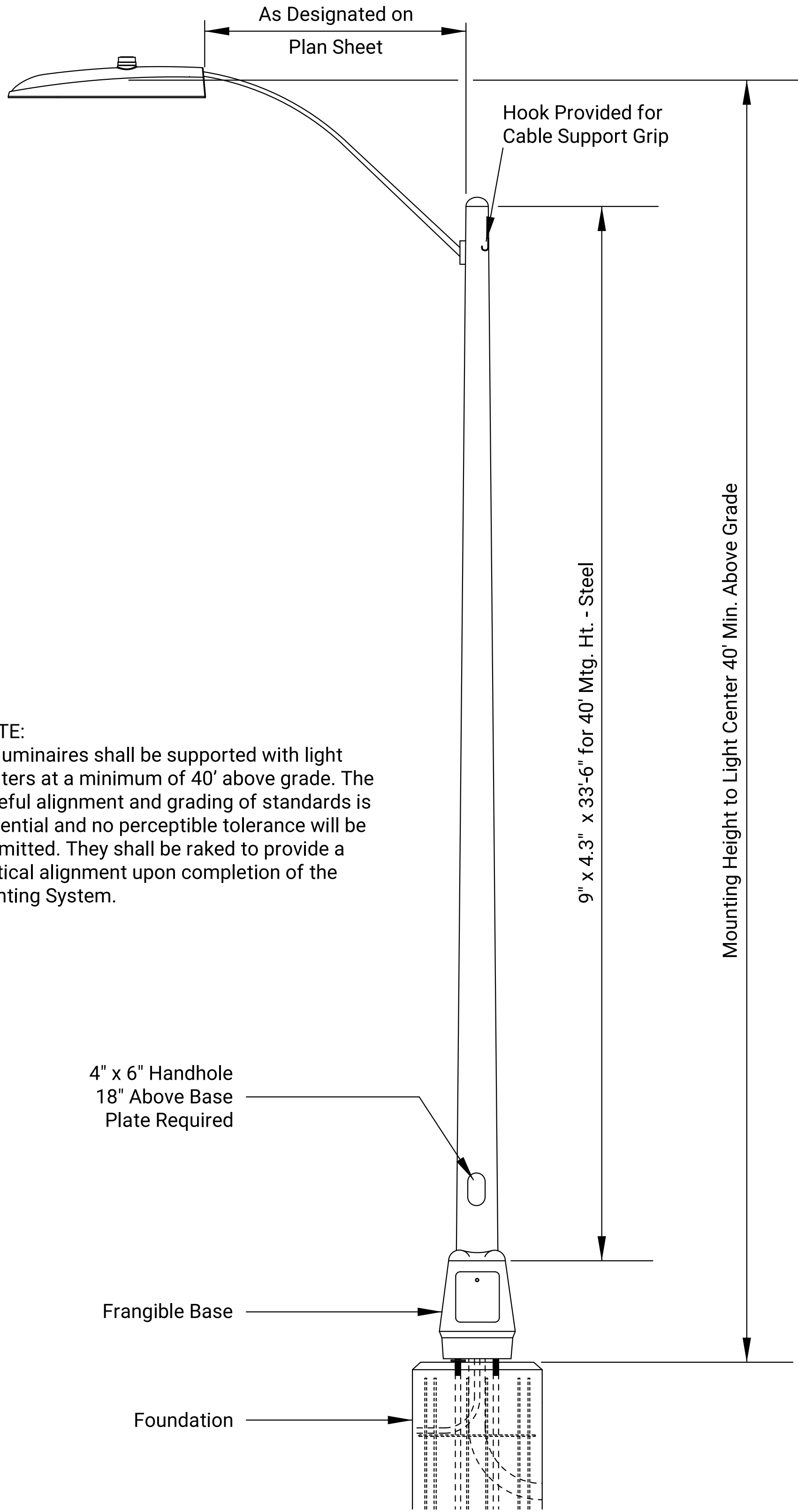
SCREW-IN BASE

NOTE:
Due to soil conditions in all or part of the following counties, Screw-In Light Pole Foundations may only be used for Roadway Lighting upon approval by the Kansas Department of Transportation Bureau of Transportation Safety & Technology: Bourbon, Crawford, Cherokee, Labette, Meade, Clark, Comanche, Kiowa, Barber, Harper, and Kingman. Screw-In foundations shall not be installed in District One.



REBAR DETAIL

NOTE:
All luminaires shall be supported with light centers at a minimum of 40' above grade. The careful alignment and grading of standards is essential and no perceptible tolerance will be permitted. They shall be raked to provide a vertical alignment upon completion of the Lighting System.



KANSAS DEPARTMENT OF TRANSPORTATION					
ROADWAY LIGHTING DETAILS					
TE201					
FHWA APPROVAL		09/25/2018		APPD Brian D. Gower	
DESIGNED	C.E.	DETAILED	C.E.	QUANTITIES	TRACED
DESIGN CK.	B.D.G.	DETAIL CK.	B.D.G.	QUAN. CK.	TRACE CK.