

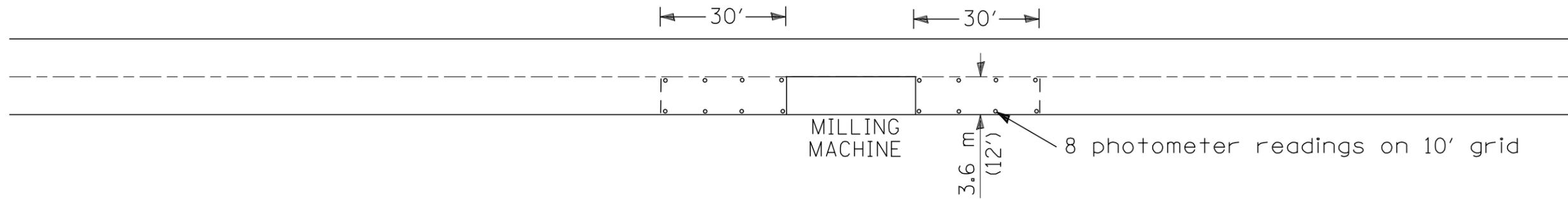
Example

Milling operation:

Required light level = 108 lux (10 footcandle) = E

Required distance = 9 m (30 ft)

Required lighting uniformity = 6:1 ratio



$$E_h = \text{Average Maintained Horizontal Illuminance} = \frac{8 \text{ readings}}{8}$$

$$\text{Average to Minimum Uniformity Ratio} = \frac{E_h}{\text{lowest of the 8 readings}}$$

Drawing not to scale

All dimensions are in millimeters (inches) unless otherwise shown.

FILE NAME =	DESIGNED -	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LIGHTING DETAILS NIGHTTIME LIGHTING INSPECTION		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
... \D468620-shit-Lighting-Details-NighttimeLighting	DRAWN -	REVISED -					90-[14R(14HB-4,14,14HVB)BR]	TAZEWELL	2433	1830		
USER NAME = tblank	CHECKED -	REVISED -			SCALE:		SHEET NO. 115 OF 138 SHEETS	STA.	TO STA.	CONTRACT NO. 68620		
PLOT DATE = 9/5/2012	DATE - JULY 20, 2012	REVISED -			ILLINOIS FED. AID PROJECT							