

Elevation View @

Design Loading for METAL POLE NO. 1, MAST ARM B

\& Foundation Bose line reference elev. $=0.0$.
Elevation View @ $270^{\circ}$


POLE RADIAL ORIENTATION


8 BOLT BASE PLATE DETAIL See Note 6


BASE PLATE TEMPLATE \& ANCHOR BOLT For 8 Bolt Base Plat

| MAST ARM LOADING SCHEDULE |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { LOADING } \\ & \text { SYMBOL } \end{aligned}$ | descrppion | AREA | SIZE | weght |
| [ | Rigid mounted signal head <br> $12^{\prime \prime}-4$ SECTION-wITH BACKPLATE | 11.5 s.F. |  | 74 LBS |
| $8$ | RIGID MOUNTED SIGNAL HEAD 12"-3 SECTION-WITH BACKPLATE | 9.3 5.F | $\begin{aligned} & 25.55^{5 \prime \prime \prime \prime \prime \prime} \\ & 5.55^{4} \end{aligned}$ | 60 L |
| 4 | PEDESTRIAN SIGNAL LEAD wIth mounting haroware | 2.25 | $\begin{aligned} & 18.5^{5 \%} \\ & 17.0^{0 \prime 2} \end{aligned}$ | 21 LB |
| $\Leftrightarrow$ | Luminaire |  | $\begin{aligned} & 13.25^{\prime \prime \prime} \\ & 26.55^{2} \mid \\ & \hline \end{aligned}$ | 35 |
| 5 Streot tree | STREET NAME SIGN RIGID MOUNTED | 16.0 s.f. |  | LBS |

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2. Desi ig the troffic signol structure using the looding, oondititions shour in the elevotion

















