
The contractor is responsible
that the most arm att
will provide most orm attachment height (H11) from the roadway before submitting final shop drawings for approval verify by field measurement or fros obtained
Elevation Data for Mast Arm Attachment (H1)

| Elevation Differences for: | Pole 3 |
| :---: | :---: |
| Baseline reference point a <br> C Foundation @ ground level | ft. |
| High Eievotion difference of of | . |
|  | 0.0 ft. |



| MAST ARM LOADING SCHEDULE |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| $\begin{gathered} \text { LOADNG } \\ \text { SYMBOL } \end{gathered}$ | description | AREA | sIzE | weic |
| $8$ | RIGID MOUNTED SIONAL HEAD $12^{\prime \prime}-4$ SECTITE <br> 12"-4 SECTION-WITH BACKPLATE | 11.5 S.F. | $\begin{aligned} & 25.55^{510} \\ & 6.0^{01} \end{aligned}$ | 74 Le |
| $8$ | RIGID MOUNTED SIGNAL HEAD $12^{\prime \prime}-3$ SECTION-wITH BACKPLATE | 9.3 S.F. | $\begin{aligned} & 25.55^{2 \prime \prime \prime} \\ & 5.5 \\ & 5.5{ }^{2} \end{aligned}$ | 60 |
| $\square$ | RIGID MOUNTED RTM | 7.5 | $\begin{aligned} & 3.0 .0^{0 \mathrm{~mW}} \\ & 36.0^{2} \end{aligned}$ | 14 |
| Street wool | STREET Name Sign RIgid Mounted | 16,0 |  | 36 |
| $\Leftrightarrow$ | UMINAIRE | $0.87 \mathrm{~S} . \mathrm{F} .$ | $\left.\begin{aligned} & 13.25^{5}{ }^{2010} \\ & 26.5^{\prime 2} \end{aligned} \right\rvert\,$ |  |

POLE RADIAL ORIENTATION


8 BOLT BASE PLATE DETAIL

base plate template \& anchor bolt r

OESIon reference material
NOTES

- Desion the troffic sionol structure and foundation in accordance with





DESIon Reoulrements
 3. Troftic signo plans for the octuol loods that will be oppl ied of the The camber desi in for the most orm defl lection should provide on appearance of ol 1 w
pitched orch where the tip or the free end of the most orm does not deflect



6. Desi iten innes. plote with 8 anchor bolt holes. Provide 2 inch $\times 6$ inch anchor bolts.







7. 11. 
1. 12. ${ }^{12} \mathrm{Cl}$





CDOT Wind Zone 5 ( 120 mph )

|  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | NC 143 (Sweetwater Road) / Kerr Drug Entrance |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  | Pum mare May 2022 | Reveremery | L. L. Styples |  |
|  | J. Ma | we proverer we: |  |  |
| $0^{\text {SCME }}$ N/A | revssous |  |  | 0 OfIE |
|  |  |  |  |  |

