## West Streets Lighting Retrofit - 2013

Contract: 6946
Project: 53W1523

| Sheet List |  |
| :---: | :---: |
| Sheet Number | Sheet Name |
| 001 | Cover |
| E 101 | Demolition Lighting |
| E 201 | Schedules |
| E 202 | Lighting |

## 

Contract: 6946
Conract: $\quad 6946$
Project: 53 W3W253
Pproved by Common Council: 9/4/2012
Lighting Design:

$\underset{\substack{\text { kschindel@city } \\ \text { 608-266-4688 }}}{ }$

Electrical Desig
NA

Plumbing Design:
NA

HVAC Design
NA

Strucural Design:

Architectural Design:
NA

Demolition Lighting

| g Fextue scheatue |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ${ }_{\text {T. }}^{\text {T.pee }}$ |  | Manutactuer | $\underbrace{\substack{\text { chen } \\ 82 \mathrm{mmW}}}_{\text {Efficiey }}$ |  | Count | URL |  | ${ }_{\substack{\text { Lead } \\ 3 \text { SVA }}}^{\text {Len }}$ |  | $\underbrace{\text { cose }}_{\substack{\text { Lumens } \\ 3100}}$ | ${ }_{\substack{\text { nour } \\ \text { not }}}$ | Kempole |
| R.w |  | homas Lign | ${ }^{\text {solmw }}$ | IC frume emutshli | 1 | "mwThonasignumgem |  | 14 Va |  | ${ }^{350}$ | - | ye bised on space and |
| R240 |  | Lthona | ${ }^{87} 7 \mathrm{mw}$ |  | ${ }^{3}$ | "mwiltuonicom | Sywana efprezerisunvom | ${ }_{64 \mathrm{VA}}$ |  | 2200 | ${ }^{48}$ |  |
| ${ }^{\text {R244, }}$ - |  | Lthona | 91 lmw |  | ${ }^{58}$ | "mmuluroiacom | Swanae ehteszerstuwv s sosc | 55 Va |  | 2300 | ${ }^{48}$ | 2 erfs toratywal |
| ${ }^{\text {R2, } 24}$ | Sters | Lituona | 9 lmw |  | ${ }^{16}$ | . "mulumona com | SMwane Pherezarsuv P sosc | ${ }_{55 V A}$ | STM | ${ }^{2200}$ |  | 2RISs trotmman |
| ${ }_{\text {R.14 }}^{\text {R.24 }}$ | Shessel 1 Pa | ${ }_{\text {L }}^{\text {Limona }}$ Limona |  |  | ${ }_{1}^{13}$ |  |  |  |  | ${ }_{\substack{2200 \\ 3100}}$ | ${ }_{4}^{48}$ |  |
| EmHo |  | thona |  |  | ${ }^{3}$ | "mwlumonicom |  | 4 4 A | Leo |  |  |  |
| Exem | ExTremenemen | Luthoia |  | LHeM.LE.P.so | ${ }^{11}$ | vmmLituonacom |  | $4 \mathrm{4VA}$ | Leo |  |  | Wailmentifossbee |

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \& \& \& \& ${ }_{\text {Rellatance }}^{\text {wa }}$ \&  \& Relicance \& derag Esimated \& Cote Lloting \& Actual Lighitg \& Lelating \&  <br>
\hline Number \& Stueamenemen \& Spatione \&  \& \& \& \& 40 \& (10) \& \& ${ }^{3621}$ \& <br>
\hline 2 \& ${ }^{\text {Accouning }}$ \& Sole \& ${ }^{20} 5$ \& 50,00\% \& $75.00 \%$ \& 20.00\% \& 0 \& 1.00 Wher \& ${ }^{0.44 \mathrm{Ww} \text { (er }}$ \& ${ }^{207 \mathrm{w}}$ \& ${ }^{22 \mathrm{~W}}$ <br>
\hline ${ }^{3}$ \& Reeveling \&  \& ${ }^{10655}$ \& 50.00\% \& 75.000 \& 220008 \& 4010 \& 1.00 wh /r \& 1.04 WW Wr \& ${ }^{106 \mathrm{w}}$ \& 10w <br>
\hline 4 \& Payoll \&  \& ${ }^{995}$ \& 50.00\% \& 7500\% \& 20.0080 \& ${ }^{2210}$ \& 1.00 wlir \& 1.11 W Wer \& sw \& now <br>
\hline 5 \& Halmay \& Sole \& ${ }^{7} 5$ SFF \& 50,006 \& 7500\% \& 20.008 \& 1010 \& $1.00 \mathrm{wn}{ }^{\text {a }}$ \& 0.42 Wm \& ${ }^{75 W}$ \& ${ }^{32 \mathrm{~W}}$ <br>
\hline 6 \& Foomotice \& cole \& 20055 \& 50.00\% \& 7500\% \& 20.00\% \& 4010 \& 1.00 Wm \& 0.95 Wm \& 200 W \& 1196 <br>
\hline 7 \& Lobly \& Sole \& ${ }^{12255}$ \& 5000\% \& ${ }^{75000 \%}$ \& $20.00 \%$ \& $26{ }^{60}$ \& 1.00 Wher \& 0.70 Wher \& ${ }^{122 \mathrm{~W}}$ \& 100w <br>
\hline ${ }^{8}$ \& Entane \& cole \& $2{ }^{285}$ \& 5000\% \& ${ }^{75000 \%}$ \& 200080 \& 910 \& 100 W We \& 0.6 Wrir \& ${ }^{296}$ \& ${ }^{186}$ <br>
\hline 9 \& Stuenser 1 \&  \& ${ }^{1575 F}$ \& 5000\% \& ${ }^{75000 \%}$ \& ${ }^{20.00 \%}$ \& ${ }^{456}$ \& 10.0 Wher \& 1.05 Wme \& ${ }^{157 \%}$ \& ${ }^{1265}$ <br>
\hline ${ }^{10}$ \& sineenser 2 \& Ofice \& 1122 S \& 5000\% \& ${ }^{75.00 \%}$ \& ${ }^{20.00 \%}$ \& 446 \& 1.00 Wher \& 1.07 WW \& ${ }^{162 \mathrm{~W}}$ \& ${ }^{174 \%}$ <br>
\hline ${ }^{11}$ \& Conteencerm \& cole \& ${ }^{374 \text { SF }}$ \& 50,00\% \& ${ }^{75.00 \%}$ \& ${ }^{20000 \%}$ \& ${ }^{4660}$ \& 1.00 Whe \& ${ }^{0.88 \mathrm{WmF}}$ \& ${ }^{344 \mathrm{~W}}$ \& ${ }^{330 \mathrm{w}}$ <br>
\hline ${ }^{12}$ \& Laseofice \& coly \& ${ }^{1446 \text { SF }}$ \& 50.0 \& 50\% \& 20.00\% \& ${ }^{416}$ \& 1.00 wn ² \& 0.65 wr \& ${ }^{12460}$ \& ${ }^{944}$ <br>
\hline ${ }^{13}$ \& Lumb \&  \& 10885 \& 50.00\% \& ${ }^{75000 \%}$ \& 20.00\% \& 296 \& $1.00 \mathrm{wn}{ }^{\text {a }}$ \& 0.46 w \& ${ }^{1088 \mathrm{~W}}$ \& 504 w <br>
\hline ${ }^{14}$ \& Matuse \&  \& 925 \& 50,0\% \& 7500\% \& ${ }^{20,000}$ \& ${ }^{3616}$ \& 1.00 N \& ${ }^{0.67 ~ W ~ W h e r ~}$ \& ${ }^{492 \mathrm{~W}}$ \& ${ }^{33006}$ <br>
\hline ${ }^{15}$ \& Stiome \& Oftee Oopen \& ${ }^{\text {3685F }}$ \& ${ }^{50.00 \%}$ \& ${ }^{2} 5000$ \& 20.00 \& ${ }^{236}$ \& 1.00 wi \& OA \& ${ }^{336}$ \& ${ }^{1696}$ <br>
\hline ${ }^{16}$ \& Loterem wae \& Offeceionen \& 1103 SF \& 5000\% \& 75.008 \& ${ }^{200006}$ \& 2510 \& 1.00 Wme \& 0.44 W \& ${ }^{\text {1103 }} \mathrm{W}$ \& 481 <br>
\hline ${ }_{18}^{17}$ \&  \&  \&  \&  \&  \&  \& ${ }_{\substack{1016 \\ 2710}}^{120}$ \&  \& ${ }^{0.28 \mathrm{~W} / \mathrm{m}^{2}} \mathbf{0}$ \&  \& ${ }_{\text {189w }}^{\text {189w }}$ <br>
\hline 18

10
20 \&  \& coin \&  \& (tan \&  \&  \&  \& come \&  \&  \&  <br>
\hline \& $\substack{\text { Bathoom } \\ \text { Renememe }}$ \& \& \& \& \& \& \& \& $0.69 \mathrm{WW} / \mathrm{H}$ \& \& <br>
\hline ${ }^{21}$ \&  \&  \&  \&  \&  \& ${ }^{20.0006}$ \&  \&  \&  \& ${ }_{\text {S6W }}^{\text {ow }}$ \& ${ }_{39}{ }^{\text {Ow }}$ <br>
\hline ${ }^{23}$ \& cationeme \& Emilion? \& ${ }_{565}$ \& 50.00\% \& 75.000 \& 20.000 \& 276 \& 1.00 WwR \&  \& ${ }^{\text {b6W }}$ \& ${ }^{396}$ <br>
\hline ${ }_{25}^{24}$ \& Wextiomm \&  \&  \&  \& ${ }_{\text {7500\% }}^{75008}$ \& ${ }^{\frac{20,006}{20.006}}$ \& ${ }_{\substack{276 \\ 3960}}$ \&  \&  \& ${ }_{\text {diw }}^{\text {P1w }}$ \& ${ }_{\substack{55 \mathrm{~W} \\ 59 \mathrm{~W}}}^{\text {chem }}$ <br>
\hline ${ }_{\substack{26 \\ 27}}^{27}$ \& Soma foom \& centile \&  \&  \& $\xrightarrow{75000}$ \& ${ }_{\text {cose }}^{\text {20006 }}$ \&  \& ${ }_{\text {a }}$ \& ${ }_{\text {a }}$ \& ${ }^{279 \mathrm{w}}$ \& ${ }_{\text {cem }}^{\text {cisw }}$ <br>
\hline ${ }_{28}^{28}$ \& come \& come \&  \& ${ }_{\text {cosem }}$ \& ${ }^{7}$ \& ${ }^{20.0006}$ \&  \&  \& ${ }_{\text {cosem }}$ \& ${ }_{\text {2at }}$ \&  <br>
\hline
\end{tabular}

|  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Emergency / EXIT Light <br> with remote outdoor head | Bi-Level Switching Outdoor | Bi-Level Swithing Indoor | Single Level Sensor Switching | Dimming Sensor Switching | Dropped Ceiling Wiring |

City of Madison


##  <br> 

Approved by Common Council: 94412012
Lighting Design:

Electrical Design:
NA

Plumbing Design:
NA

## HVAC Design

NA

## Structura Design:

NA

Schedules

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\begin{aligned}
& \text { Contract: } \\
& \text { Pro46 } \\
& \text { Proet: } 53 \text { 5w1523 }
\end{aligned}
$$

$$
\begin{aligned}
& \text { Proiet: } 5331523 \\
& \text { Approved by Common Council: 9/4/2012 }
\end{aligned}
$$

Lighting Design:
Electrical Design:

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\begin{aligned}
& \text { Necacirif }
\end{aligned}
$$

Plumbing Design:
NA

$$
\begin{aligned}
& \text { HVAC Design: } \\
& \text { NA }
\end{aligned}
$$

NA

Strucural Design:
NA

