ALL EQUIPMENT IS NEW EXCEPT WHERE NOTED

REFER TO SHEET 1 FOR NOTES

ALL DIMENSIONS ARE IN MILLIMETRES EXCEPT WHERE NOTED

DMD & Associates Ltd.

LIGHTING INSTALLATION

REVISIONS

SITE PLAN ENLARGEMENT - WIRING DIAGRAM - ELEVATIONS

CONDUCTOR COLOUR CODE

[Diagram with various annotations and specifications]
Appendix C-11

NOTE 1:
1. As an alternative, contractor may utilize a base mounted distribution cabinet of an approved design.
2. Nylon bushings shall be inserted into galvanized steel conduit entering cabinets.
3. Utilize existing poles at existing service points. All other equipment shall be new.

<table>
<thead>
<tr>
<th>Service Point</th>
<th>Load (W)</th>
<th>APPROX. STATION LOCATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>17503</td>
<td>7067 = 50</td>
</tr>
<tr>
<td>B</td>
<td>17657</td>
<td>7067 = 50</td>
</tr>
<tr>
<td>C</td>
<td>17995</td>
<td>7063 = 25</td>
</tr>
<tr>
<td>D</td>
<td>2182</td>
<td>7063 = 25</td>
</tr>
<tr>
<td>E</td>
<td>2753</td>
<td>2036 = 10</td>
</tr>
<tr>
<td>F</td>
<td>1424</td>
<td>7036 = 10</td>
</tr>
<tr>
<td>G</td>
<td>2540</td>
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</tr>
<tr>
<td>H</td>
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<td>7021 = 10</td>
</tr>
<tr>
<td>I</td>
<td>10275</td>
<td>230 = 100</td>
</tr>
</tbody>
</table>

NOTE: Contractor Contactor shall be Arranged such that Contactor Failure Results in Closure of Contacts.
Diagram 1

Diagram 2

Diagram 3

Diagram 4

Appendix C-15

Lowering Device Top Non-Latching Headframe Assembly

Wiring Box on Support Ring

Customer to Connect Winch Power Cable (Prepared by Factory)

Copper CLAD steel Lightning Rod (15 ft. (4.6 m) DA)

Flexible Braided Connector (PDA Watt) to Ground Lug, Suitable for an Additional Connection to Top of Pole

Item Descriptions

1. Copper FREE Aluminum Cover
2. Copper Clad Aluminum Mounting Ring
3. Stainless Steel Suspension Spring
4. Stainless Steel Suspension Spring Screw
5. Lubricate Mounting Arm
6. Schcid Pipe, Galvanized

Winch Plate Assembly

Winch Plate

Winch Plate

Winch Plate

Winch Plate

Winch Plate Assembly

Circuit Breaker Box at Pole Base

Maintenance Plug

Portable Motor Assembly

South Carolina Department of Transportation
Replacement of the Cooper River Bridge

High Mast Lighting Details

PBC

PB

Paralio Bridge Constructions