I. MATERIAL

A. THE DUPLEX ALUMINUM SELF-SUPPORTING CABLE SHALL CONSIST OF ONE ALL ALUMINUM #2 AWG, 7 STRAND CONDUCTOR AND ONE ACSR #2 AWG, 6/1 STRAND CONDUCTOR. THE #2 AWG, 7 STRAND ALUMINUM CONDUCTORS SHALL HAVE 0.045 INCHES OF BLACK, CROSS-LINKED POLYETHYLENE INSULATION RATED AT 600 VOLT. THE ACSR #2 AWG, 6/1 STRAND CONDUCTOR SHALL BE BARE.


THE ALUMINUM WIRE SHALL COMPLY WITH THE LATEST APPLICABLE ASTM B-230, B-231, B-232, B-399, AND B-786 SPECIFICATIONS FOR ALUMINUM WIRE AND STRANDED ELECTRICAL CONDUCTORS.

B. THE SECONDARY RACKS SHALL BE HEAVY DUTY, HOT DIPPED GALVANIZED STEEL, WITH SINGLE 3" SPOOL INSULATOR TO PORCELAIN PRODUCTS #5101 OR APPROVED EQUAL.

C. THE SPLICES SHALL BE COMPRESSION TYPE, ALUMINUM, EQUAL TO BURNODY PRODUCT.

D. THE TIE WIRES SHALL BE #6 ALUMINUM.

E. THE THROUGH BOLTS, NUTS, AND WASHERS SHALL BE HOT DIPPED GALVANIZED, 5/8" DIAMETER.

F. THE INSULATING PADS SHALL BE APPROXIMATELY 3-1/4" X 4-1/2" X 0.125" SCOTCH #220G OR APPROVED EQUAL.

II. INSTALLATION

THE OVERHEAD CIRCUIT SHALL BE INSTALLED IN THE LOCATIONS SHOWN ON THE CONTRACT DRAWINGS AND INDICATED IN THE FIELD BY THE ENGINEER.

III. BASIS OF PAYMENT

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<thead>
<tr>
<th>ITEM</th>
<th>UNIT</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>MIS-401</td>
<td>EACH</td>
<td>OVERHEAD CIRCUIT, 2 WIRE-#2 DUPLEX</td>
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