NAVIGATION LIGHT SYSTEM SCHEMATIC FOR SINGLE BRIDGE WITH FENDERS

NAVIGATION LIGHT SYSTEM SCHEMATIC FOR DUAL BRIDGES WITH FENDERS

NAVIGATION LIGHT SYSTEM SCHEMATIC FOR SINGLE BRIDGE WITHOUT FENDERS

NAVIGATION LIGHT SYSTEM SCHEMATIC FOR DUAL BRIDGES WITHOUT FENDERS

NAVIGATION LIGHT NOTES:
1. Provide Navigation Light System in compliance with Specifications Section 510.

NOTE: Size conduit and conductors per NEC requirements. Do not use conduit smaller than 3/4" Ø.

NAVIGATION LIGHT SYSTEM DETAILS (FIXED BRIDGES)

<table>
<thead>
<tr>
<th>POWER CONDUCTORS</th>
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</thead>
<tbody>
<tr>
<td>DISTANCE (feet)</td>
</tr>
<tr>
<td>0 - 75</td>
</tr>
<tr>
<td>75 - 500</td>
</tr>
<tr>
<td>500 - 1000</td>
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<tr>
<td>1000 - 2000</td>
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<tr>
<td>2000 - 5000</td>
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<tr>
<td>Over 5000</td>
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</tbody>
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LEGEND

LC Lighting Contactor
PC Photocell Control
Xmer Transformer (If Required)
RFL Red Pier/Fender Light (180° visibility)
RCL Red Channel Margin Light (180° visibility)
GCL Green Center Channel Light (360° visibility)
CGL Clearance Gauge Light
CM Channel Margin or Pier inner surface whichever defines Channel Edge.
**GCL OR RCL MOUNTING DETAILS (SCHEMATIC)**

**ELEVATION VIEW**

- Install Light Fixture so as to ensure visibility from an approaching vessel.

**SECTION B-B**

**TYPICAL POSITION OF RCL OR GCL RELATIVE TO SUPERSTRUCTURES**

**CROSS REFERENCES:**

1. For Navigation Light System notes and legend, see Sheet 1.
2. See Utility Conduit Detail sheets for Embedded Junction Box (EJB) dimensions & locations.

* Supplied by Light Fixture Manufacturer