GENERAL NOTES:

U.S. COAST GUARD NOTIFICATION: Notify the local office of the U.S. Coast Guard at least 30 days prior to beginning of construction of the Fender System.

POLYMERIC PILES: Provide polymeric piles in accordance with Specification Section 471. Installation shall be in accordance with manufacturer's recommendations. All piles shall be plumb.

PLASTIC LUMBER AND STRUCTURAL COMPOSITE LUMBER WALES: Provide only Plastic lumber and Structural Composite lumber Waies in accordance with Specification Section 973. Waies shall be continuous and spliced only at locations shown on the plans.

PLASTIC LUMBER DECKING FOR CATWALKS: Provide Plastic Lumber decking for catwalks when called for in the Plans in accordance with Specification Section 973. Install Plastic Lumber Decking according to manufacturer's recommendations using stainless steel #10 x 3" (minimum) deck screws.

FIBERGLASS OPEN GRATING FOR CATWALKS: Provide Fiberglass Open Grating for catwalks when called for in the Plans. Fiberglass Open Grating shall be a heavy duty design suitable for exterior installations. Maximum gap opening on the walkway surface shall be 1/2". Design live loads and deflections shall be a 50 psf uniformly distributed load with a maximum deflection of 1/36 or L/120 at the center of a simple span and a concentrated load of 250 pounds with a maximum deflection of 1/8 at the center of a simple span. Color of Fiberglass Open Grating shall be gray or black.

Install Fiberglass Open Grating according to manufacturer's recommendations using stainless steel hardware, screws, bolts, nuts and washers. Attach Fiberglass Open Grating to Waies and Deck Supports at a 2'-0" maximum spacing so as to resist pedestrian live loads and uplift forces from wind, buoyancy and wave action.

CLEANANCE GAUGE AND LIGHT: Clearance Gauge to be furnished by the FDOT and erected by the Contractor. Clearance Gauge width and numeral height is dependant on visibility distance. The required visibility distance shall be determined by the United States Coast Guard District Commander. Provide and install Clearance Gauge Light in accordance with Specification Section 510 and Index No. 21220.

NAVIGATION LIGHTS: Provide and install Navigation Lights in accordance with Specification Section 510, Index No. 21220 and/or project specific details. Provide and maintain Temporary Navigation Lights during construction until permanent Navigation Lights are operational.

BOLTS, THREADED BARS, NUTS, SCREWS AND WASHERS: Furnish stainless steel Bolts in accordance with ASTM F593 Type 316. Furnish stainless steel Threaded Bars in accordance with ASTM A193 Grade B8M. Furnish stainless steel Nuts in accordance with ASTM F594 Type 316. Furnish stainless steel Screws in accordance with ASTM F593 Type 305. Furnish stainless steel Washers compatible with Bolts, Threaded Rods and Nuts under heads and nuts. Torque Nuts on 1" diameter Bolts and Threaded Bars to 150 lb-ft. Keep threads on Bolts, Threaded Bars and Nuts free from dirt, coarse grime and sand to prevent galling and seizing during tightening.

SPICE PLATES: Furnish Splice Plates in accordance with ASTM A240 Type 316.
SCHEMATIC OF FENDER SYSTEM SHOWING TREATMENT OF SINGLE FIXED BRIDGE WITH NONSKEWED CHANNEL

SCHEMATIC OF FENDER SYSTEM SHOWING TREATMENT OF DUAL FIXED BRIDGES WITH NONSKEWED CHANNEL (PARALLEL DUAL FIXED BRIDGES SHOWN, NONPARALLEL DUAL FIXED BRIDGES SIMILAR)

SCHEMATIC OF FENDER SYSTEM SHOWING TREATMENT OF SINGLE FIXED BRIDGE WITH SKEWED CHANNEL

SCHEMATIC OF FENDER SYSTEM SHOWING TREATMENT OF DUAL FIXED BRIDGES WITH SKEWED CHANNEL (PARALLEL DUAL FIXED BRIDGES SHOWN, NONPARALLEL DUAL FIXED BRIDGES SIMILAR)

CROSS REFERENCES:
For Stations and Offsets of referenced Control Points A, B, C and D, Dimension "L" and Clear Channel Width see Fender System Table of Variables in Structures Plans.
For Navigation Light Details see Design Standards Index 21220.
### Structural Composite Lumber Bill of Materials

<table>
<thead>
<tr>
<th>MARK</th>
<th>SIZE (NOMINAL)</th>
<th>DIMENSIONS</th>
<th>BOARD FT. PER EACH</th>
<th>NO. REQD.</th>
<th>QUANTITY</th>
</tr>
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<tr>
<td>A1</td>
<td>10&quot; X 10&quot; COMPOSITE LUMBER</td>
<td>32'-0&quot; (STRAIGHT)</td>
<td>266.6</td>
<td></td>
<td></td>
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<tr>
<td>A2</td>
<td>10&quot; X 10&quot; COMPOSITE LUMBER</td>
<td>32'-0&quot;</td>
<td>266.6</td>
<td></td>
<td></td>
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<tr>
<td>A3</td>
<td>10&quot; X 10&quot; COMPOSITE LUMBER</td>
<td>16'-0&quot;</td>
<td>133.3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A4</td>
<td>10&quot; X 10&quot; COMPOSITE LUMBER</td>
<td>16'-0&quot;</td>
<td>133.3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A5</td>
<td>10&quot; X 10&quot; COMPOSITE LUMBER</td>
<td>16'-0&quot;</td>
<td>133.3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A6</td>
<td>10&quot; X 10&quot; COMPOSITE LUMBER</td>
<td>16'-0&quot;</td>
<td>133.3</td>
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<td></td>
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</tbody>
</table>

**All Plastic Lumber and Composite Lumber Dimensions and Quantities shown are based on Nominal Lumber Dimensions and may vary depending on Actual Lumber Dimension.**

**Provide Fiberglass Open Grating in lieu of 2" X 12" Plastic Lumber when called for in the Plans. Mounting hardware shall be Stainless Steel, install per Manufacturer's recommendations. See Structures Plans for Notes and Details.**

### Plastic Lumber Bill of Materials

<table>
<thead>
<tr>
<th>MARK</th>
<th>SIZE (NOMINAL)</th>
<th>DIMENSIONS</th>
<th>BOARD FT. PER EACH</th>
<th>NO. REQD.</th>
<th>QUANTITY</th>
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<tbody>
<tr>
<td>B</td>
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<td>8&quot; (STRAIGHT)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>2&quot; X 6&quot; PLASTIC LUMBER</td>
<td>16'-0&quot; (STRAIGHT)</td>
<td>16.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>4&quot; X 6&quot; PLASTIC LUMBER</td>
<td>4'-4&quot; (STRAIGHT)</td>
<td>8.7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E</td>
<td>2&quot; X 12&quot; PLASTIC LUMBER</td>
<td>2'-0&quot; (STRAIGHT)</td>
<td>5.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F1</td>
<td>6&quot; X 10&quot; PLASTIC LUMBER</td>
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<td>80.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F2</td>
<td>6&quot; X 10&quot; PLASTIC LUMBER</td>
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<tr>
<td>F3</td>
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<td></td>
</tr>
<tr>
<td>F4</td>
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<td>78.4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F5</td>
<td>6&quot; X 10&quot; PLASTIC LUMBER</td>
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<td></td>
<td></td>
</tr>
<tr>
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<td>2'-3&quot; (STRAIGHT)</td>
<td>12.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>G2</td>
<td>8&quot; X 8&quot; PLASTIC LUMBER</td>
<td>2'-0&quot; (STRAIGHT)</td>
<td>10.7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>H1</td>
<td>2&quot; X 6&quot; PLASTIC LUMBER</td>
<td>PILE CUTOFF ELEV. MINUS NLW OR MLL ELEV. PLUS 5'-6&quot; (STRAIGHT)</td>
<td>1.0 PER EACH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>H2</td>
<td>2&quot; X 6&quot; PLASTIC LUMBER</td>
<td>1'-0&quot; (STRAIGHT)</td>
<td>1.0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Notes and Details:**
- Hardware shall be Stainless Steel, install per Manufacturer's recommendations. See Structures Plans for Notes and Details.
GENERAL NOTES:

U.S. COAST GUARD NOTIFICATION: Notify the local office of the U.S. Coast Guard at least 30 days prior to beginning of construction of the Fender System.

14" SQUARE PRESTRESSED CONCRETE PILES - Provide 14" Square Prestressed Concrete Piles of sufficient length to achieve a minimum embedment of 20 into soil having a blow count greater than or equal to 6 (N ≥ 6). Pile splices and build-ups are not permitted. Use only 14" Square Prestressed Concrete Piles with 8 - 5/8" diameter low Relaxation Strands fabricated in accordance with Index No. 20614.

PLASTIC LUMBER AND STRUCTURAL COMPOSITE LUMBER WALES: Provide only Plastic Lumber and Structural Composite Lumber Wales in accordance with Specification Section 973. Wales shall be continuous and spliced only at locations shown on the plans.

PLASTIC LUMBER DECKING FOR CATWALKS: Provide Plastic lumber decking for catwalks when called for in the Plans in accordance with Specification Section 973.

Install Plastic Lumber Decking according to manufacturer's recommendations using stainless steel #10 x 3" (minimum) deck screws.

FIBERGLASS OPEN GRATING FOR CATWALKS: Provide Fiberglass Open Grating for catwalks when called for in the Plans. Fiberglass Open Grating shall be a heavy duty design suitable for exterior installations. Maximum gap opening on the walkway surface shall be 1/2". Design live loads and deflections shall be a 50 psf uniformly distributed load with a maximum deflection of 5/8" or 1/120 at the center of a simple span and a concentrated load of 250 pounds with a maximum deflection of 5/8" at the center of a simple span. Color of Fiberglass Open Grating shall be gray or black.

Install Fiberglass Open Grating according to manufacturer's recommendations using stainless steel hardware, screws, bolts, nuts and washers. Attach Fiberglass Open Grating to Wales and Deck Supports at a 2'-0" maximum spacing so as to resist pedestrian live loads and uplift forces from wind, buoyancy and wave action.

CLEARANCE GAUGE AND LIGHT: Clearance Gauge to be furnished by the FDOT and erected by the Contractor. Clearance Gauge width and numeral height is dependent on visibility distance. The required visibility distance shall be determined by the United States Coast Guard District Commander. Provide and install Clearance Gauge Light in accordance with Specification Section 510 and Index No. 21220.

NAVIGATION LIGHTS: Provide and install Navigation Lights in accordance with Specification Section 510, Index No. 21220 and/or project specific details. Provide and maintain Temporary Navigation Lights during construction until permanent Navigation Lights are operational.

BOLTS, THREADED BARS, NUTS, SCREWS AND WASHERS: Furnish stainless steel Bolts in accordance with ASTM F593 Type 316. Furnish stainless steel Threaded Bars in accordance with ASTM A193 Grade B8M. Furnish stainless steel Screws in accordance with ASTM F594 Type 316. Furnish stainless steel Threaded Bars in accordance with ASTM A193 Grade B8M. Furnish stainless steel WASHERS compatible with Bolts, Threaded Rods and Nuts under heads and nuts. Torque Nuts on 1" diameter Bolts and Threaded Bars to 150 lb-ft. Keep threads on Bolts, Threaded Bars and Nuts free from dirt, coarse grime and sand to prevent galling and seizing during tightening.

SPICE PLATES: Furnish Splice Plates in accordance with ASTM A240 Type 316.

FIBERGLASS OPEN GRATING FOR CATWALKS: Provide Fiberglass Open Grating for catwalks when called for in the Plans. Fiberglass Open Grating shall be a heavy duty design suitable for exterior installations. Maximum gap opening on the walkway surface shall be 1/2". Design live loads and deflections shall be a 50 psf uniformly distributed load with a maximum deflection of 5/8" or 1/120 at the center of a simple span and a concentrated load of 250 pounds with a maximum deflection of 5/8" at the center of a simple span. Color of Fiberglass Open Grating shall be gray or black.

Install Fiberglass Open Grating according to manufacturer's recommendations using stainless steel hardware, screws, bolts, nuts and washers. Attach Fiberglass Open Grating to Wales and Deck Supports at a 2'-0" maximum spacing so as to resist pedestrian live loads and uplift forces from wind, buoyancy and wave action.

CLEARANCE GAUGE AND LIGHT: Clearance Gauge to be furnished by the FDOT and erected by the Contractor. Clearance Gauge width and numeral height is dependent on visibility distance. The required visibility distance shall be determined by the United States Coast Guard District Commander. Provide and install Clearance Gauge Light in accordance with Specification Section 510 and Index No. 21220.

NAVIGATION LIGHTS: Provide and install Navigation Lights in accordance with Specification Section 510, Index No. 21220 and/or project specific details. Provide and maintain Temporary Navigation Lights during construction until permanent Navigation Lights are operational.

BOLTS, THREADED BARS, NUTS, SCREWS AND WASHERS: Furnish stainless steel Bolts in accordance with ASTM F593 Type 316. Furnish stainless steel Threaded Bars in accordance with ASTM A193 Grade B8M. Furnish stainless steel Screws in accordance with ASTM F594 Type 316. Furnish stainless steel Threaded Bars in accordance with ASTM A193 Grade B8M. Furnish stainless steel WASHERS compatible with Bolts, Threaded Rods and Nuts under heads and nuts. Torque Nuts on 1" diameter Bolts and Threaded Bars to 150 lb-ft. Keep threads on Bolts, Threaded Bars and Nuts free from dirt, coarse grime and sand to prevent galling and seizing during tightening.

SPICE PLATES: Furnish Splice Plates in accordance with ASTM A240 Type 316.

WIRE ROPE: Provide wire rope meeting one of the following requirements:

1. 5/8" diameter 6x19, 6x25 or 6x37 class IWRC Type 316 stainless steel wire rope with a minimum breaking strength of 18,000 lbs.

2. 5/8" diameter 6x19 galvanized wire rope with ultraviolet ray resistant polypropylene impregnation having an outside diameter of 5/8" with a minimum breaking strength of 22,000 lbs. Protect all ends with heat shrinkable end caps compatible with the rope's polypropylene that provide an effective water-tight seal.

GENERAL NOTES:
SCHEMATIC OF FENDER SYSTEM SHOWING TREATMENT OF SINGLE FIXED BRIDGE WITH NONSKEWED CHANNEL

SCHEMATIC OF FENDER SYSTEM SHOWING TREATMENT OF DUAL FIXED BRIDGES WITH NONSKEWED CHANNEL (PARALLEL DUAL FIXED BRIDGES SHOWN, NONPARALLEL DUAL FIXED BRIDGES SIMILAR)

SCHEMATIC OF FENDER SYSTEM SHOWING TREATMENT OF SINGLE FIXED BRIDGE WITH SKEWED CHANNEL

SCHEMATIC OF FENDER SYSTEM SHOWING TREATMENT OF DUAL FIXED BRIDGES WITH SKEWED CHANNEL (PARALLEL DUAL FIXED BRIDGES SHOWN, NONPARALLEL DUAL FIXED BRIDGES SIMILAR)

CROSS REFERENCES:
For Stations and Offsets of referenced Control Points A, B, C and D, Dimension "L" and Clear Channel Width see Fender System Table of Variables in Structures Plans.
For Navigation Light Details see Design Standards Index 21220.

LAYOUT GEOMETRY

* See Structures Plans, Plan and Elevation and Foundation Layout Sheets for magnitude and orientation of Channel Skew Angle.
**FENDER SYSTEM - PRESTRESSED CONCRETE PILES**

**SECTION E-E**

**TYPICAL FLARED SECTION**

(8° TURN SHOWN, 4° TURN SIMILAR)

For Navigation Lights and SCH 80 PVC Electrical Conduit Details see Design Standard Index 21220.

For View G-G and Clearance Gauge Details see Sheet 4.

For Detail "B" and location of Section E-E see Sheet 4.

For location of View F-F see Sheet 5.

**VIEW F-F**

(SHOWING FENDER END WITH CLEARANCE GAUGE)

**PARTIAL VIEW F-F**

(SHOWING FENDER END; DECKING AND HANDRAIL NOT SHOWN FOR CLARITY)

**SECTION E-E**

**TYPICAL STRAIGHT SECTION**

(CROSS REFERENCES: For Navigation Lights and SCH 80 PVC Electrical Conduit Details see Design Standard Index 21220.)

For View G-G and Clearance Gauge Details see Sheet 4.

For Detail "B" and location of Section E-E see Sheet 4.

For location of View F-F see Sheet 5.

**DESCRIPTION:**

- Composite Lumber
- Concrete Piles Prestressed 14" Sq.
- Plastic Lumber
- Spacer Blocks
- Navigation Light
- Orientation line for Navigation Light
- Splice Plate detail
- Screw (recess head flush with top of Spacer Block)
- Locking Nuts and Washers (Typ.)
- 1" Ø Stainless Steel Threaded Bars, Locking Nuts and Washers (Typ.)
- 3/8" Ø Stainless Steel Lag Screw (recess head flush with top of Spacer Block)
- 5/8" Ø Holes (Typ.)
- 1/2" Stainless Steel Plate
- Recessed Threaded Bar 1/2" from front face of Wale as shown
- Provide oversized hole to accept nut & washer
- Partial View F-F
- Concrete Pile (do not wrap these piles with wire rope)
- Plastic Lumber 2" x 6" Hand Rail Mark C
- Plastic Lumber 6" x 6" Bracing Mark G2
- Plastic Lumber 4" x 4" Support Mark M1
- Plastic Lumber 8" x 8" Spacer Block Mark B
- Plastic Lumber 6" x 10" Deck Support Mark F

**FOR CLARITY**

AND HANDRAIL NOT SHOWN

(SHOWING FENDER END; DECKING AND HANDRAIL NOT SHOWN FOR CLARITY)

**DETAIL "A"**

(SHOWING FENDER END WITH CLEARANCE GAUGE)

**VIEW F-F**

(CROSS REFERENCES: For Navigation Lights and SCH 80 PVC Electrical Conduit Details see Design Standard Index 21220.)

For View G-G and Clearance Gauge Details see Sheet 4.

For Detail "B" and location of Section E-E see Sheet 4.

For location of View F-F see Sheet 5.

**SECTION E-E**

**TYPICAL STRAIGHT SECTION**

(CROSS REFERENCES: For Navigation Lights and SCH 80 PVC Electrical Conduit Details see Design Standard Index 21220.)

For View G-G and Clearance Gauge Details see Sheet 4.

For Detail "B" and location of Section E-E see Sheet 4.

For location of View F-F see Sheet 5.

**DESCRIPTION:**

- Composite Lumber
- Concrete Piles Prestressed 14" Sq.
- Plastic Lumber
- Spacer Blocks
- Navigation Light
- Orientation line for Navigation Light
- Splice Plate detail
- Screw (recess head flush with top of Spacer Block)
- Locking Nuts and Washers (Typ.)
- 1" Ø Stainless Steel Threaded Bars, Locking Nuts and Washers (Typ.)
- 3/8" Ø Stainless Steel Lag Screw (recess head flush with top of Spacer Block)
- 5/8" Ø Holes (Typ.)
- 1/2" Stainless Steel Plate
- Recessed Threaded Bar 1/2" from front face of Wale as shown
- Provide oversized hole to accept nut & washer
- Partial View F-F
- Concrete Pile (do not wrap these piles with wire rope)
- Plastic Lumber 2" x 6" Hand Rail Mark C
- Plastic Lumber 6" x 6" Bracing Mark G2
- Plastic Lumber 4" x 4" Support Mark M1
- Plastic Lumber 8" x 8" Spacer Block Mark B
- Plastic Lumber 6" x 10" Deck Support Mark F

**FOR CLARITY**

AND HANDRAIL NOT SHOWN

(SHOWING FENDER END; DECKING AND HANDRAIL NOT SHOWN FOR CLARITY)

**DETAIL "A"**

(SHOWING FENDER END WITH CLEARANCE GAUGE)

**VIEW F-F**

(CROSS REFERENCES: For Navigation Lights and SCH 80 PVC Electrical Conduit Details see Design Standard Index 21220.)

For View G-G and Clearance Gauge Details see Sheet 4.

For Detail "B" and location of Section E-E see Sheet 4.

For location of View F-F see Sheet 5.

**SECTION E-E**

**TYPICAL STRAIGHT SECTION**

(CROSS REFERENCES: For Navigation Lights and SCH 80 PVC Electrical Conduit Details see Design Standard Index 21220.)

For View G-G and Clearance Gauge Details see Sheet 4.

For Detail "B" and location of Section E-E see Sheet 4.

For location of View F-F see Sheet 5.

**DESCRIPTION:**

- Composite Lumber
- Concrete Piles Prestressed 14" Sq.
- Plastic Lumber
- Spacer Blocks
- Navigation Light
- Orientation line for Navigation Light
- Splice Plate detail
- Screw (recess head flush with top of Spacer Block)
- Locking Nuts and Washers (Typ.)
- 1" Ø Stainless Steel Threaded Bars, Locking Nuts and Washers (Typ.)
- 3/8" Ø Stainless Steel Lag Screw (recess head flush with top of Spacer Block)
- 5/8" Ø Holes (Typ.)
- 1/2" Stainless Steel Plate
- Recessed Threaded Bar 1/2" from front face of Wale as shown
- Provide oversized hole to accept nut & washer
- Partial View F-F
- Concrete Pile (do not wrap these piles with wire rope)
- Plastic Lumber 2" x 6" Hand Rail Mark C
- Plastic Lumber 6" x 6" Bracing Mark G2
- Plastic Lumber 4" x 4" Support Mark M1
- Plastic Lumber 8" x 8" Spacer Block Mark B
- Plastic Lumber 6" x 10" Deck Support Mark F

**FOR CLARITY**

AND HANDRAIL NOT SHOWN

(SHOWING FENDER END; DECKING AND HANDRAIL NOT SHOWN FOR CLARITY)

**DETAIL "A"**

(SHOWING FENDER END WITH CLEARANCE GAUGE)

**VIEW F-F**

(CROSS REFERENCES: For Navigation Lights and SCH 80 PVC Electrical Conduit Details see Design Standard Index 21220.)

For View G-G and Clearance Gauge Details see Sheet 4.

For Detail "B" and location of Section E-E see Sheet 4.

For location of View F-F see Sheet 5.

**SECTION E-E**

**TYPICAL STRAIGHT SECTION**

(CROSS REFERENCES: For Navigation Lights and SCH 80 PVC Electrical Conduit Details see Design Standard Index 21220.)

For View G-G and Clearance Gauge Details see Sheet 4.

For Detail "B" and location of Section E-E see Sheet 4.

For location of View F-F see Sheet 5.
CLEARANCE GAUGE DETAILS

VIEW H-H
(WALES, PILES AND BRACING
NOT SHOWN FOR CLARITY)

VIEW G-G
(WALES, DECKING AND HANDRAIL
NOT SHOWN FOR CLARITY)

CROSS REFERENCES:
For Estimated Structural Composite and Plastic Lumber Bill of Materials Quantities and Fender System Table of Variables see Structures Plans.

For location of View G-G see Sheet 5.

VIEW G-G
(WALES, DECKING AND HANDRAIL
NOT SHOWN FOR CLARITY)
## Structural Composite Lumber Bill of Materials

<table>
<thead>
<tr>
<th>MARK</th>
<th>SIZE (NOMINAL)</th>
<th>DIMENSIONS</th>
<th>BOARD FT. PER EACH</th>
<th>QUANTITY</th>
</tr>
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<tbody>
<tr>
<td>A1</td>
<td>10&quot; X 10&quot; COMPOSITE LUMBER</td>
<td>32'-0&quot; (STRAIGHT)</td>
<td>266.6</td>
<td></td>
</tr>
<tr>
<td>A2</td>
<td>10&quot; X 10&quot; COMPOSITE LUMBER</td>
<td>32'-0&quot;</td>
<td>266.6</td>
<td></td>
</tr>
<tr>
<td>A3</td>
<td>10&quot; X 10&quot; COMPOSITE LUMBER</td>
<td>16'-0&quot;</td>
<td>133.3</td>
<td></td>
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<tr>
<td>A4</td>
<td>10&quot; X 10&quot; COMPOSITE LUMBER</td>
<td>10&quot;-0&quot;</td>
<td>133.3</td>
<td></td>
</tr>
<tr>
<td>A5</td>
<td>10&quot; X 10&quot; COMPOSITE LUMBER</td>
<td>10&quot;-0&quot;</td>
<td>133.3</td>
<td></td>
</tr>
</tbody>
</table>

*All Plastic Lumber and Composite Lumber Dimensions and Quantities shown are based on Nominal Lumber Dimensions and may vary depending on Actual Lumber Dimension.*

**Provide Fiberglass Open Grating in lieu of 2" X 12" Plastic Lumber when called for in the Plans. Mounting hardware shall be Stainless Steel, install per Manufacturer's recommendations. See Structures Plans for Notes and Details.

## Plastic Lumber Bill of Materials

<table>
<thead>
<tr>
<th>MARK</th>
<th>SIZE (NOMINAL)</th>
<th>DIMENSIONS</th>
<th>BOARD FT. PER EACH</th>
<th>NO. REQ.</th>
<th>QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>8&quot; X 8&quot; PLASTIC LUMBER</td>
<td>8&quot; (STRAIGHT)</td>
<td>3.6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>2&quot; X 6&quot; PLASTIC LUMBER</td>
<td>16'-0&quot; (STRAIGHT) (Trim &amp; Miter Ends as required)</td>
<td>16.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>4&quot; X 6&quot; PLASTIC LUMBER</td>
<td>6'-0&quot; (STRAIGHT)</td>
<td>8.7</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>E</strong></td>
<td>2&quot; X 12&quot; PLASTIC LUMBER</td>
<td>2'-0&quot; (STRAIGHT) (Miter as required, 6&quot; Min. width)</td>
<td>5.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F1</td>
<td>6&quot; X 10&quot; PLASTIC LUMBER</td>
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<tr>
<td>F2</td>
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<td>F3</td>
<td>6&quot; X 10&quot; PLASTIC LUMBER</td>
<td>15'-11&quot;</td>
<td>79.6</td>
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<td>F4</td>
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<td>15'-9&quot;</td>
<td>78.8</td>
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<td>F5</td>
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<td>15'-8&quot;</td>
<td>18.4</td>
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<td>F6</td>
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<td>15'-10&quot;</td>
<td>79.3</td>
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<td>G1</td>
<td>6&quot; X 10&quot; PLASTIC LUMBER</td>
<td>3'-8&quot; (STRAIGHT)</td>
<td>18.3</td>
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<td>G2</td>
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<td>4'-1&quot; (STRAIGHT)</td>
<td>12.3</td>
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<td>H1</td>
<td>4&quot; X 4&quot; PLASTIC LUMBER</td>
<td>PILE CUTOFF ELEV. MINUS NLW OR NLW ELEV. PLUS 3'-4&quot; (STRAIGHT)</td>
<td>1.3 PER LF EACH</td>
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<tr>
<td>N2</td>
<td>2&quot; X 6&quot; PLASTIC LUMBER</td>
<td>1'-2&quot; (STRAIGHT)</td>
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