**IMM QUALITY BOAT LIFTS - ELEVATOR SPECIFICATIONS**

### 4,500# Dual PWC

**Notes:**
2. Boats shall not be stored on lifts during high wind events.
3. All primary structural members to be 6061-T6 aluminum.
4. Tracks are to be driven to firm bearing material.
5. Wood piles shall comply with ASTM D25 and be southern pine, 2.5 ccf marine grade pressure treated.
6. Lateral support for piles and attachment to piles shall be engineered by others for site specific conditions.

**PLATINUM**

<table>
<thead>
<tr>
<th>LIFT CAPACITY</th>
<th>CRADLE I-BEAM</th>
<th>TRACK I-BEAM</th>
<th>TRACK ANGLE OPTIONS</th>
<th>CABLE STD TRAVEL</th>
<th>CABLE EXT TRAVEL</th>
<th>TRACK SPREAD TYP</th>
<th>GUIDE POST HEIGHT</th>
<th>DRIVE SHAFT</th>
<th>WINDER</th>
<th>DRIVE RATIO</th>
<th>MOTOR HP/VOLTAGE</th>
<th>SPEED in/min</th>
<th>STANDARD TRAVEL</th>
<th>EXTENDED TRAVEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>4,500#</td>
<td>6 H x 21 4 W x 35</td>
<td>6 H x 21 4 W x 35</td>
<td>0,10,20</td>
<td>5/16 SSAC 7x19-304 2-PART 34</td>
<td>5/16 SSAC 7x19-304 2-PART 49</td>
<td>108°</td>
<td>80°</td>
<td>6' Alum</td>
<td>2.875&quot; O.D. 8 Ga Pipe</td>
<td>375:1 Platinum</td>
<td>26</td>
<td>12</td>
<td>20</td>
<td></td>
</tr>
</tbody>
</table>

**ALUMAVATOR**

<table>
<thead>
<tr>
<th>LIFT CAPACITY</th>
<th>CRADLE I-BEAM</th>
<th>TRACK I-BEAM</th>
<th>TRACK ANGLE OPTIONS</th>
<th>CABLE STD TRAVEL</th>
<th>CABLE EXT TRAVEL</th>
<th>TRACK SPREAD TYP</th>
<th>GUIDE POST HEIGHT</th>
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<th>MOTOR HP/VOLTAGE</th>
<th>SPEED in/min</th>
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<th>EXTENDED TRAVEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>4,500#</td>
<td>6 H x 21 4 W x 35</td>
<td>6 H x 21 4 W x 35</td>
<td>0,10,22</td>
<td>5/16 SSAC 7x19-304 2-PART 34</td>
<td>5/16 SSAC 7x19-304 2-PART 49</td>
<td>108°</td>
<td>80°</td>
<td>6' Wood</td>
<td>2.875&quot; O.D. 8 Ga Pipe</td>
<td>#50 Chain 60/111</td>
<td>227:1</td>
<td>207:1</td>
<td>12</td>
<td></td>
</tr>
</tbody>
</table>

**Structural Engineering Review**

This construction has been designed as a main wind force resisting system, with calculated gravity and wind loads in compliance with the Florida Building Code 2014, Sections 16.3.18 and 20. ADM 2010, ASCE/SEI 7-10, and "Minimum Design Loads for Buildings and Other Structures" to withstand the wind loads associated with an ultimate wind speed of 170 MPH, exposure "D", Risk Category 1. Immel/Sanders Consulting Engineers has no control of the manufacturing, performance, or installation of this product. These general plans were engineered in accordance with accepted engineering practices and data provided by the manufacturer.

*J.L. Sanders*

10-28-16

**Signature Not Valid Without Raised Seal**

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### IMM QUALITY BOAT LIFTS, INC.

Not Responsible for the dock structure or its ability to resist the applied loads of the boat lift. The site should be verified by a licensed marine contractor. Applied loads will be provided upon request.