**Technical Details**

**Frame**

The frame is constructed of two XX” thick 2” x 4” x 10’ aluminum rectangular tubes on each side, one XX” thick 2” aluminum cylindrical tube handle for easy grip for installation, and one XX” thick 2” x 3” aluminum rectangular tube. All joints are Tig welded all the way around.

**Hardware**

Sections are attached with two aluminum Hook-Plates made of XX” thick aluminum plate bolted to the frame that fit into two Hook-Plate Slots, on the previous section, and locked into place with a Pin.

Two Leg-Guides made of XX” thick aluminum are bolted near end of section. U-Bolt attaches leg with friction pressure.

**Legs**

Legs are made of 2” x 2” aluminum square tube Tig welded all the way around to a XX” thick XX” x XX” square aluminum plate.

**Decking**

2” x 6” Cedar Decking is attached by two XX” x XX” cedar stringers glued and screwed from beneath. There are three pallets per section. First a Six-Long, with 6 boards, long stringers. Second a Seven, with seven boards, long stringers. Last a Six-Short, with six boards, short stringers. All pallets have four marine grade plywood ¾” x 1” x 1” spacers.

Ultradeck© Composite Decking. Need Dave to provide description using cedar decking as an example of what to include.

Titan© Plastic Decking. Need Dave to provide description using cedar decking as an example of what to include.

2” x 6” cedar End-Board is bolted on the end of all unlinked sections.

**Braces**

Each deep water section may need 1 or 2 Cross-Braces made of XX” thick X” x X” aluminum square tube Tig welded to two XX” thick XX” x XX” aluminum plates. U-Bolts attach brace to legs with friction pressure.

**Wings**

Flip regular Section upside down on the long axis. Two Wing-Plates made of XX” thick aluminum plate bolted to Frame. Connects to main dock by hooking the top of 2” x 4” x 10’ tube. End-Board included. Larger Wings bolt two or more sections together.

**L-Section**

No Hook-Plates. Extra Leg-Guide and Leg on 2” x 4” x 10’ tube opposite regular Leg. Z-Bracket on end Section 2” x 3” tube facing out. Rest, on legless end, 2” x 4” x 10’ tube into Z-Bracket on end Section. Two End-Boards included.

**T-Section**

Two Leg-Guides and Legs on ends of 2” x 4” x 10’ tube. Two Z-Brackets, facing out, on end Section 2” x 3” tube. Rest, on legless end, 2” x 4” x 10’ tube into Z-Brackets on end Section. Two End-Boards included.