

Great Northern Docks

8'x16' Float Section

For Non-commercial and Non-public Applications

INSTRUCTIONS

- Typical framing to be of grade #1, P.T. min. with 2x8 for non-commercial, light load.
- Add intermediate framing boards and or increase their size to improve load and duty capacity.
- Typical decking to be 5/4x6 P.T. Or Cedar, materials that span up to 24".
- Use 3" (10 penny) galvanized nails for assembly.
- Decking to be cut 8' flush to frame to prevent snagging with boats and gear.
- Router along the ends of the deck boards with a 3/8" radius to soften edges and reduce splinters.
- Use typical 1/2" spacing between deck boards to avoid leaf and other debris trapping.
- For reinforcing butt joints that could pull apart at the nails, use the Corner Iron (#6027A) with carriage bolts.
- Gap Filler Strips are a must to prevent injury where floats connect to each other with Hinge Plates.

Lumber Requirements

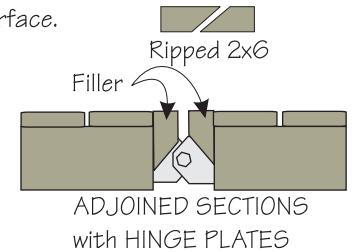
- 5-16' 2x Long Stringers
- 4-16' 2x Long Stringers (for comp deck)
- 2-8' 2x End Stringers
- 16 Lin Ft 2x blocking
- 32-5/4x6x8' Deck Boards
- Add 2x for Gap Filler Strips (See above desc.)

Parts List

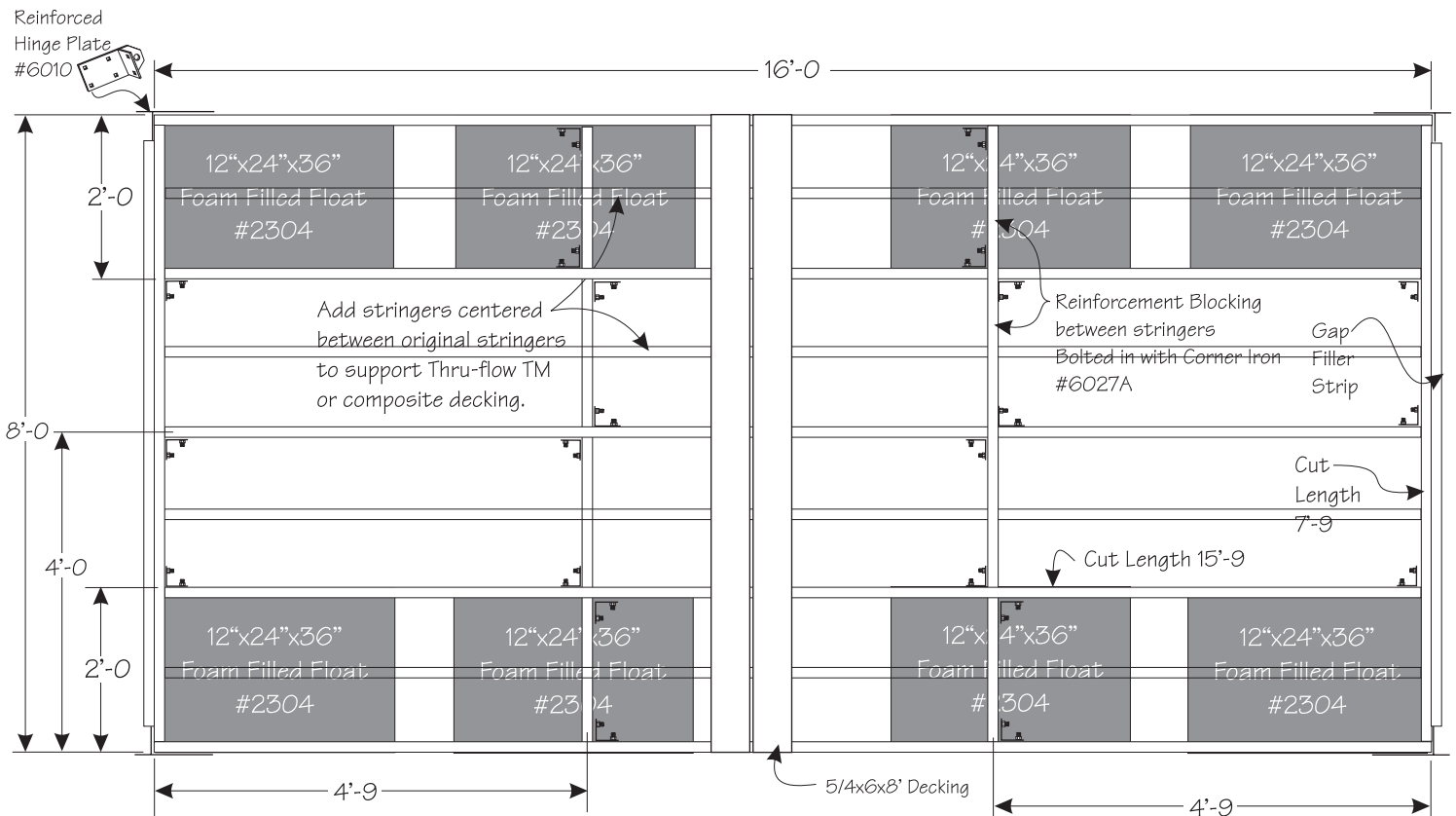
- 8-#2304 12"x24"x36" Foam Filled Floats
- 8-#9278-6 Lag Kit for Foam Filled Floats
- 22-#6027A Corner Iron
- 4-#6010 Reinforced Hinge Plates
- 19-#9280 Bolt Kits
- 2-#9092 Hinge Bolt w/Nylock (to link up next section)
- Add for cleats, bumpers and other accessories.

JOINING SECTIONS

When connecting this section to others using Hinge Plates, the resulting gap must be reduced to about 1" to avoid tripping hazards. A gap smaller than 3/4" can become a binding or pinching hazard. To make a Gap Filler Strip, Rip a 2x6 at 45 deg.(Length wise). Cross cut to the length of the gap leaving room for the Hinge Plate. Put the right angle edge flush with the deck surface.



(The Hinge Plates type and placement listed here may vary from what is actually required to complete your overall dock plan.)



Disclaimer

In no event shall Great Northern Docks or its proprietors be held liable for the performance of these designs. You are hereby advised to consult with an architect or public engineer licensed to perform services in the community where your dock project will be installed, along with code enforcement in said community before following the plans and instructions shown on Great Northern Docks. By following these dock plans, the project owner and builder accept the sole responsibility for the safety and overall performance of the design.