

1. Height clearance at 50' berth high tide – The height clearance at the center of the berth is 28.93'. The height clearance at the 50 berths is governed at the center by the height of the compression beam spanning across the opening (see enclosed Canopy drawing). The beam is centered at Elevation 36' with the bottom of the beam at Elev 35.33'. The project high water is at Elevation 6.4' (project elevations use NGVD 29 – I have enclosed project drawing GN02 showing the difference between our datum control and the tidal datum that many of the marina operators use). The difference is 28.93'. The height is reduced at the sides of the berth by the fabric canopy, which has work points at Elevation 30' and Elevation 42'. The height is also reduced by bracing cables at the corners of the openings (again, see the enclosed Canopy drawing). The cables extend from the compression beam to the pipe column on an angle.

2. confirm width of 50', 60' and 80' slips – 50' berth = 17.5', 60' berth = 19' and 80' berth = 21' (see enclosed drawings C10-C15).

3. depth of berths - I have enclosed drawings C10 – C15. These show the floating docks in the marina and guest dock areas, along with the bottom contour lines. In general the bottom profile is at -15 feet or greater (so depth ranges from 14.56' at lowest observed water elevation (see GN 02) to 21.4' at project high water). The bottom continues to slope out but our soundings only went out to the -15' line. Also, please note the 100' navigable channel line that is shown on these drawings.