FLOAT UNIT LAYOUT

Special Unit A, see details plt 11

Special Unit 2, see spec.

Special Unit 2A, see spec.

Existing Building: Flood Proofing to remain from an 18' float, see spec.

Exterior Rdr Gutter, see tbl 300.

Exterior NRDR Gutter, see tbl 300.

Main Float & gangway: see tbl 402-403, tbl 404.

Special 8 x 14 gangway: see tbl 402-403, tbl 404.

Lighting: Generator & Fire Hydrant Utility Cabinet

Note: Utility cabinets are shown for future location purposes only. This contract requires fabrication and installation of permanent hardware only to accommodate future utilities.

DO NOT SCALE THIS DRAWING: THE DIMENSIONS ARE SHOWN IN PLANS.

[Signatures and scale information]
Notes:

1. Alternate deck sections may be used provided they have a section modulus equivalent or greater than the deck system shown.

2. Fabricator to install intermediate grease port access and vent reliefs as per Freeboard to facilitate injection of lubricant around tensioning strands.

3. End block knockouts to be grooved flush with end of float after completion of tensioning.

4. Design Freeboard = 1/4 "f t"

5. Recess supplier to provide float unit w/ recess Freeboard. Allow 100 lbs per linear foot for wales, bumpers & utilities.
**Note:** Fabricate and cast all corners between all post tension float units. See notes. Over all dimensions to match compression block. See notes. Tension block units. (Bear Rail) (4" wide edge) (R1) Fabrication Pad

**Elevation**

**CONCRETE CHANNEL**

**Elevation**

**CONCRETE CHANNEL**

**Typical Tie Down Rail, 6x8 and 6x12 Post Tensioned Floats**

1. 7/8" post tensioned float units are detailed. Larger float units may be used. Larger units are used for larger sailboat spacing - 6'0" and max. for red spacing 5'0".
2. D-fender rail, all-around Guard Float and all intersections with existing timber floats.

**Section A**

**D-Fender Details**

**Typical Section Thru Tie Down Rail**

*Note: All fenders to be 3.44 except as noted.*
**POST-TENSIONED BREAKWATER MODULE**

**SYMBOL KEY**

- Detail Page: 2
- Detail Page: 8
- Page: 2
- Float unit: 3
Note: 10 % concrete to be utilized for uniform flotation on unit 4A.
Typical Section
Scale: 3/4" = 1'-0"

Note: Extra flanges equal to vertical booster reaction to be added to these units, see specs.
TYPICAL CONNECTION DETAIL

See fig detail (Revised as required)

TYPICAL DETAIL

Note: See related fabrication.
Note: Project requires 3 panels 32'6" long & intermediate caps are not req'd.