TYPICAL FLOAT END DETAIL

- Provide '/4" threaded inserts in core, to secure 3x6 end plate. 4 repl on B float, 6 on A float.

- 5/8" galv iron rod @ deck level, 6 repl for steel float unit.

- 6/8" Unifloat w/ good thru bolt spacing (typ).

- 2x6 bumper member.

TYPICAL FLOAT ASSEMBLY "A"

- 4 3/4" angle iron core connector. See detail.

- 2-5/8" with 1/2" UNC. See detail, this sheet.

- 3/8" x 7/8" bolts w/ cotter pin, only 1/2" threaded end, on all thru bolts.

- 3" OD steel tube @ base, top.

- 3/4" galv w/t plate 2" drilled, depth must be min. of 2 1/4".

- 3/4" drill thru angle, thru bolt spacing (typ).

- 3 1/2" galv w/t plate @ core connector, 3/8" flat washers.

- 3/8" steel rod @ cap, 2 1/2" bolt, top.

- Provide '/4" threaded inserts to secure 2x6 end wall. 2 repl on shaft float end section.

- Provide '/8" thick galv steel deck @ 1/2" safety leg pattern. Secure to angle iron w/ 1/2" x 1/2" galv. FH machine bolts.

- 1/4" x 10" thru bolts.

TYPICAL FLOAT ASSEMBLY "B"

- 4 3/4" angle iron core connector. See detail.

- Heavy duty corner bumper. Secure with 4-16 x 3" galv FH wood screws and 3/4" flat washer.

- 1/2" galv iron rod @ deck level, 6 repl for steel float unit.

TYPICAL FLOAT ASSEMBLY "C"

- 6/8" Unifloat assembly.

- Provide '/2" x 1" bolts (typ. this assembly).

- Provide 4 galv lag bolts @ inside corners of angle connectors (typ. this assembly).

NOTE: Basic construction features are the same as those shown for Float Assembly "A", except as noted.

FLOAT ASSEMBLY DETAILS

TYPICAL FLOAT ASSEMBLY "C"

- Provide galv. steel cover plates (See note, Float Assembly "A")

- 2 1/2" x 4" x 1/8" thick steel cap. Cut into angles and weld cap in place as shown.

- 3/8" x 1" flange bolts.

- 3/8" x 1" flat washers on all thru bolts of angle connections.

NOTE: All materials, dimensions, fasteners, etc., shall conform to those shown in Stall Float Angle Braces Detail, except as noted.

SECTION AA

STAINLESS ANGLE BRACES

- 1/4" x 1/2" angle. Holes, thick side only.

- 3/8" flat washers on all thru bolts of angle connections.

BARGE COLLAR ANGLE BRACES

- 1/4" x 1/2" angle. Holes, thick side only.

- 3/8" flat washers on all thru bolts of angle connections.

NOTE: All materials, dimensions, fasteners, etc., shall conform to those shown in Stall Float Angle Braces Detail, except as noted.

DO NOT SCALE THIS DRAWING—USE DIMENSIONS.

STATE OF FLORIDA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER AND HARBOURS

CONCRETE FLOATS
TYPICAL ASSEMBLIES & MISC DETAILS

SIGNED: [Signature]
DATE: [Date]

DIAGRAM: [Diagram Title]

REV: [Revision Number]

MATERIAL: [Material Details]

SHEET: [Sheet Number]