

Grecian Spas Listed Components

Basic Shell Construction

Acrylic Sheets ANSI Z 124.7
GP Resin ASTM D 638, ASTM D 790, ASTM D 648, ASTM D 2583
Vinyl Ester Resin ASTM D 638, ASTM D 790, ASTM D 648
Roving ASTM D 578-98, paragraph 4.2.2
Catalyst C.A.S. Registry No. 1338-23-4
No Fillers are used

Affixed Items post shell construction

Light Nitch UL Listed E41117
Surface Skimmer (commercial) NSF Listed D035037

Side Suctions: ASME/ANSI A112.19.8-2007 U.L. Listed VGB 2008
WEBS SA7549 or ASME/ANSI A112.19.8-2007 U.L.
Listed CMP 25215-000 WEBS SA10477

Floor Suctions: ASME/ANSI A112.19.8-2007 U.L. Listed CMP
25215-000 WEBS SA10477

Flex P.V.C. Pipe IAPMO PS 33-200a Listing # SP-1069

P.V.C. Fittings ASTM D 2466

P.V.C. Glue ASTM D 2564 NSF IAPMO for PW, DWV, SW

P.V.C. Primer ASTM F-656 NSF for PW, DWV, SW

Foam from (K) component ASTM D 1622

Foam from (B) component ASTM D 1622

Waterline Tile N/A

Silicon Adhesive ASTM C-920 Class 25

Silicon Grout ASTM C-920 Class 25

Black Striping Material N/A

Balboa Industries G&G VGB 211

Model 30231U 212gpm

I.A.P.M.O. Listed SP-1188

UL Listing # (see detail)

Custom Molded Products 6" Min

Drain or Side Drain Custom

Molded Products Model 25215-000

U.L. Rated 190 gpm Listing # (see

Detail)

ITT Hydro Air 10-5100

Hydro Jet Assembly

Sch 40 PVC Tee

1/4" Max @ 7'-12"

2" Max @ 12'-0"

3/4" Max @ 12'-0"

3/4" Max @ 12'-0"

Wood Support

when required

Wood w/ F.G. Over

Acrylic (1/8")

Fiberglass (Per Plan, Min. 1/4")

Consisting of a Coat Process

Vinyl Ester for Bond & 3 Coats G.P. Resin for Build Up

Wall Section

Above Ground Installation

In Ground Installation

Owner Supplied Decking

Opt. 2" x 4" on 4" x 4" P.T.

Self Supporting Base

Glassed Onto Spa

Owner Supplied 4" Concrete Base

Owner Supplied Concrete Block

w/ Footer

6" Min. Compacted D.P. Sand Base

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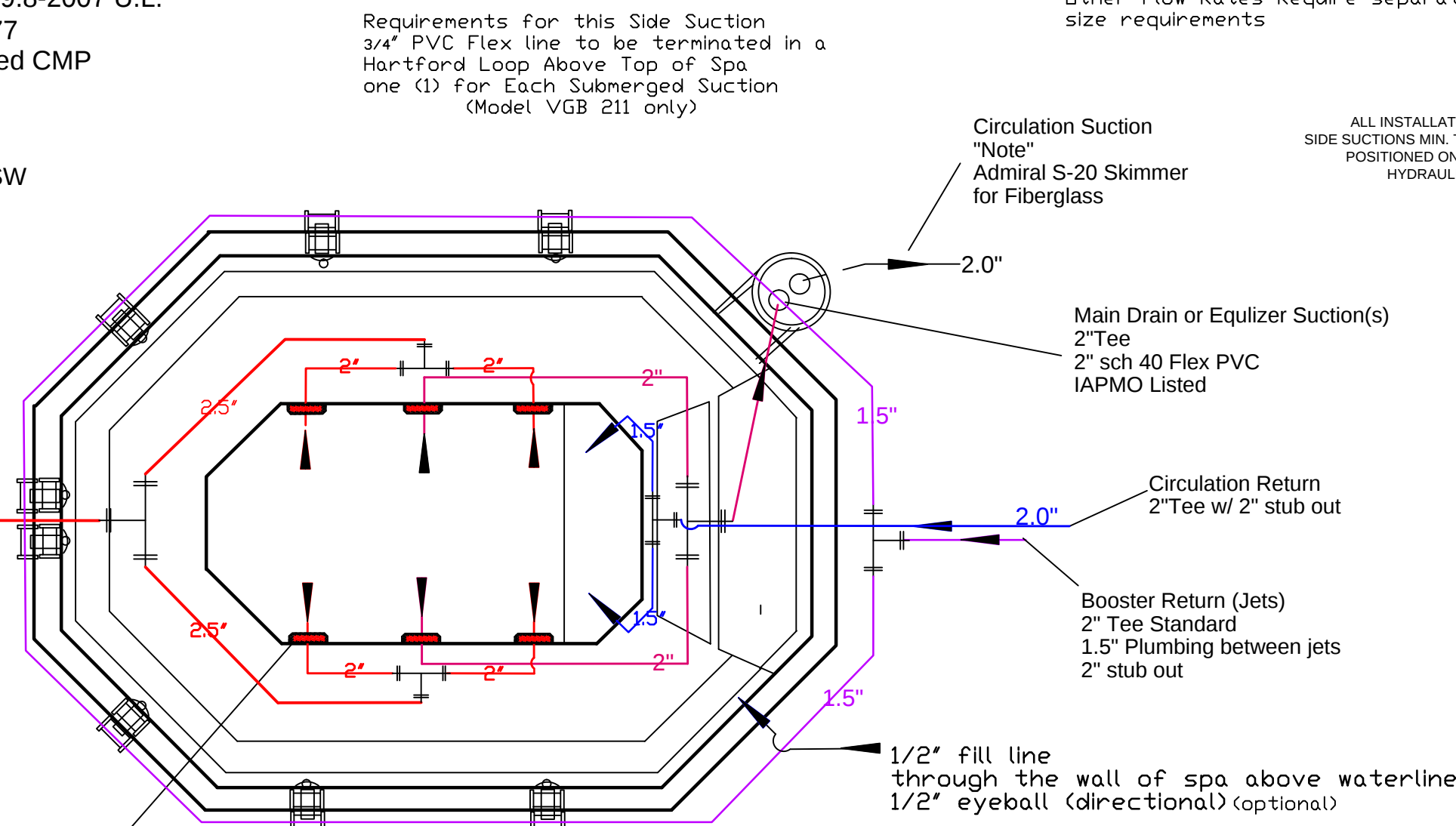
6" Min. Compacted D.P. Sand Base

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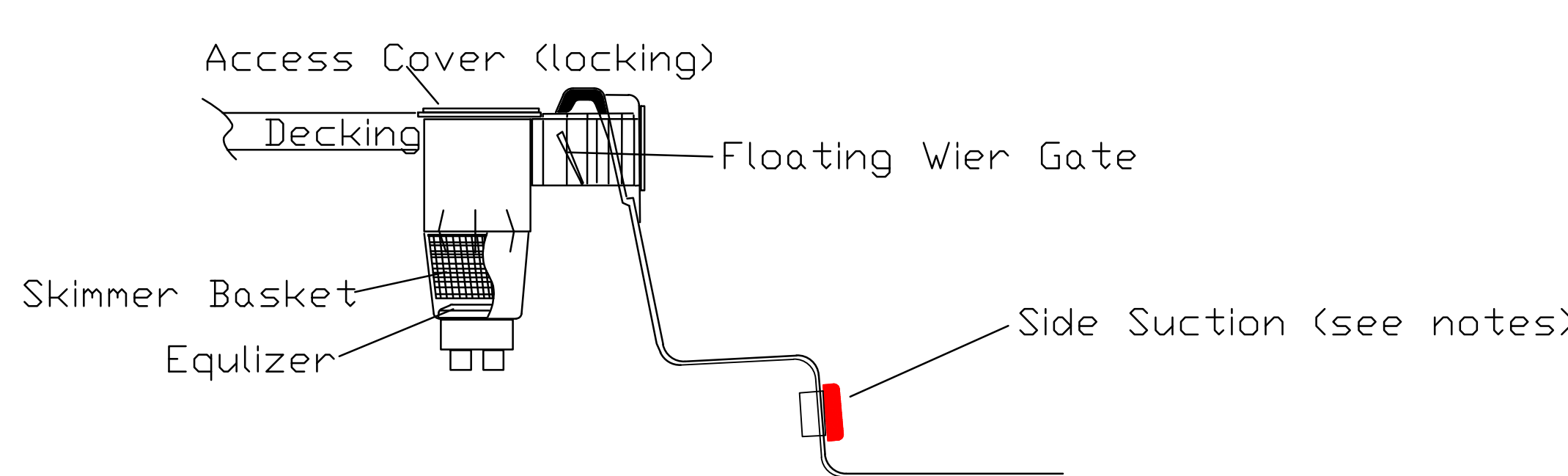
Typical Plumbing Detail Model 810 C



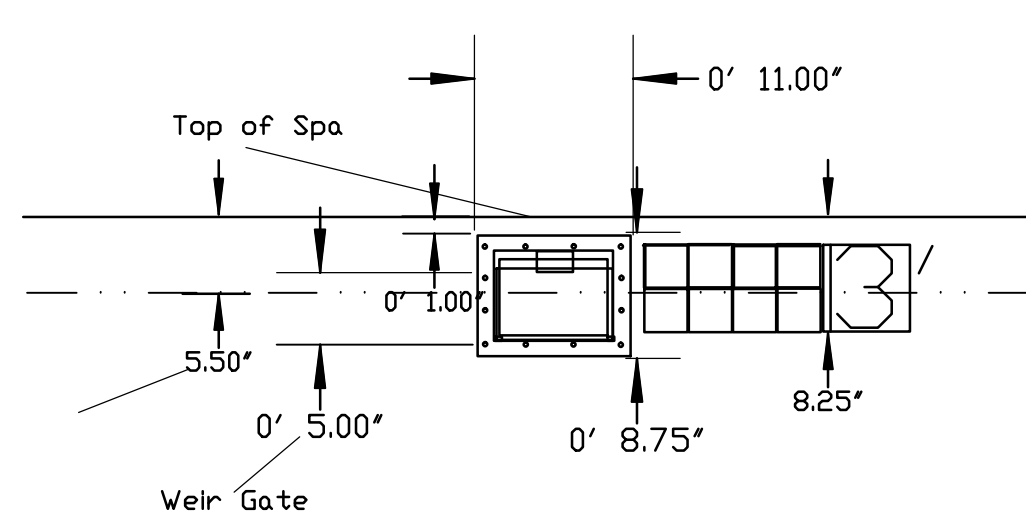
Note

All Flexible Sch. 40 P.V.C. plumbing is Manufactured in compliance with IAPMO PS 33-2006 Flexible PVC hose with or without PVC helix or fabric reinforced materials. To be used with standard Schedule 40 fittings. For use on circulating, return and main drain piping on spas, hot tubs, and swimming pools. Acceptable for both above and below ground installation by Pacific Echo and listed by I.A.P.M.O. SP-1069

Skimmer Detail



Waterline Detail

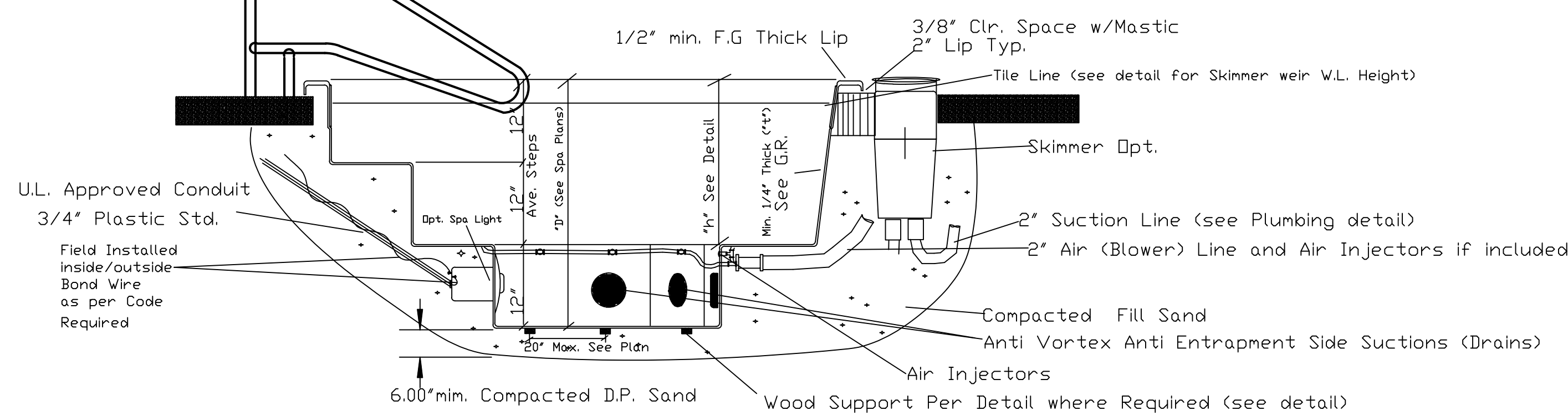


Typical Section

General Rules F.G. Thickness (t)

Upper Side Walls
1" to 17" t=1/4"
1" to 25" t=3/8"
1" over 25" t=7/16"
Seat Width
to 16" wide t=1/4"
to 22 1/2" wide t=3/8"

Rail as Required

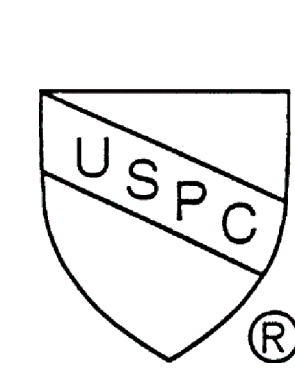


Notes:

1. All Plumbing Per Local Codes
2. Spas Shall Be Protected Against Entrapment
3. Min. Flexural Strength 18,000 P.S.I. Yield Strength
4. Spas Are Designed Per I.A.P.M.O. Stds. 100#/ft² Yield
5. Provide 6" Min. Compressed Sand Base @ Units As Noted
6. All Units Shall Be Provided w/Glassed I.A.P.M.O. Label w/ Model#, Se#, Date of Manuf., Listing #, ANSI#, Grecian Name & Logo
7. All Spas Are Acrylic (See Wall Section)
8. Acrylic is Non-Structural; Wall Thickness Noted is General Rules F.G. Thickness (Does Not Include Acrylic thickness)
9. Each Set Of Plans Carries a Specific Job # A Separate Set Is Required For Each Job
10. (1) one or (2) two Hand Rails Are Required and to be Specified on the construction Plot Plan

Grecian Swim Spas

Venus 810C
I.A.P.M.O. Listing SP-4338



Specifications

Spa Surface Area: 59sqft. Approx.
Volume: 700 Gallons Approx. 660 Gallons to middle of tile
88.23 Cubic Ft. of water Approx.
Dimensions: 125" x 90" x 39" stretched Octagon
Color: White "Lucite Smooth" 6064 Sheet Acrylic
Composite: Ridged Chopped Fiberglass/Resin (FRP) 4 Coat Backing (see Table)

Optional Recommended Additions

Tile: National Pool Tile DMF and M Series Frost Resistant
Side Suctions: See Grecian Spas Listed Componets
Floor Suctions: See Grecian Spas Listed Componets
Surface Skimmer: Pentair (American Products) S-20 Admiral 1.5" Flip Flap Vler & Equizer
Spa Light: Pentair Model Spa Brite Wet Nitch
Step & Bench Highlighter: Contrasting Color (Black) Sanded Epoxy Resin material
Hydro Jets: 6- Hydro Air Ind. 10-5100 1.5" w/ 1" eyeballs
Return Inlets: Hydro Air Ind. (2) 10-3100 1.5" w/ 1" eyeballs
Plastic Pipe: Pacific Echo I.A.P.M.O. Listed SP-1069
Plastic Fittings: Dura Plastics N.S.F. Listed (see Table)

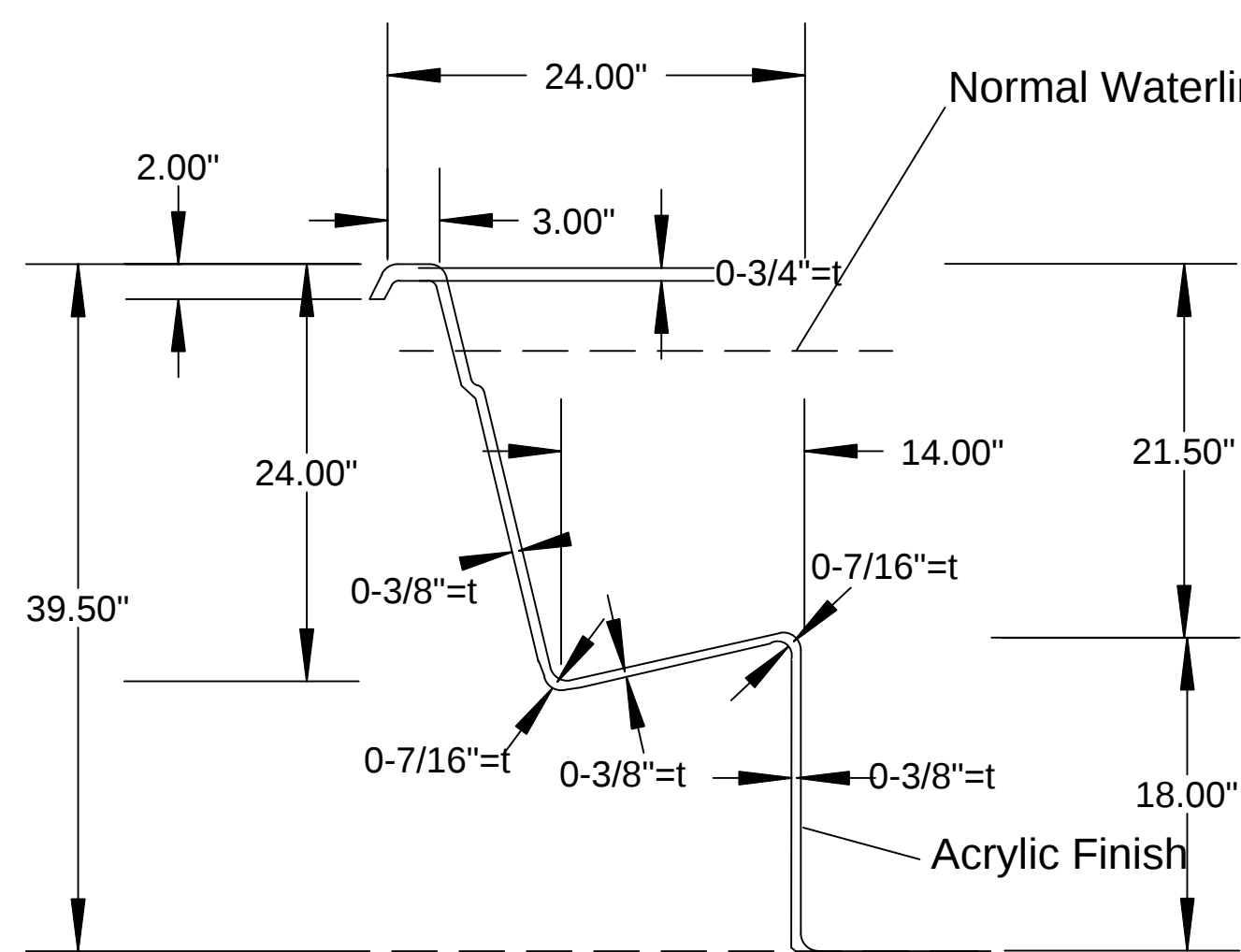
Scale: 1/2" = 1'

Grecian Swim Spas Sectional Detail

Venus 810c

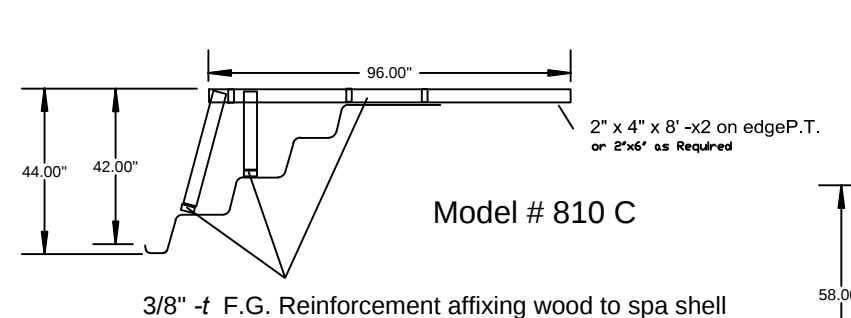
No Scale

t= Fiberglass reinforcement mim. thickness

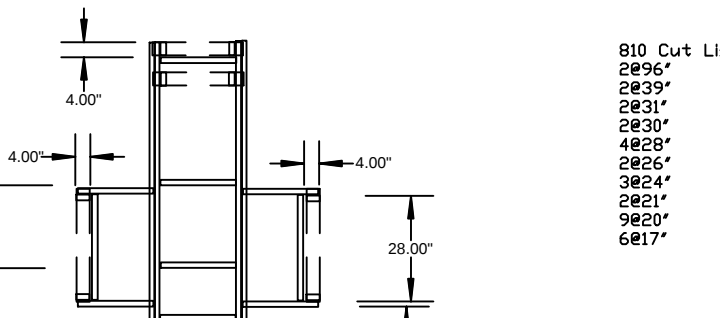


Grecian Swim Spas

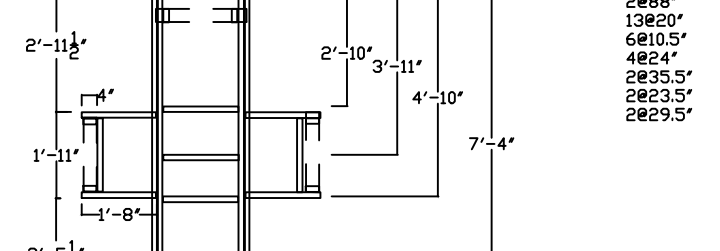
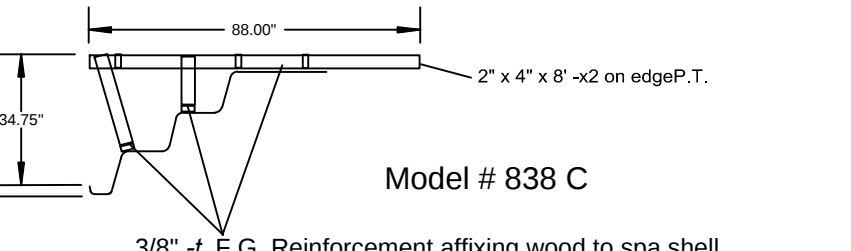
Self Supporting Base



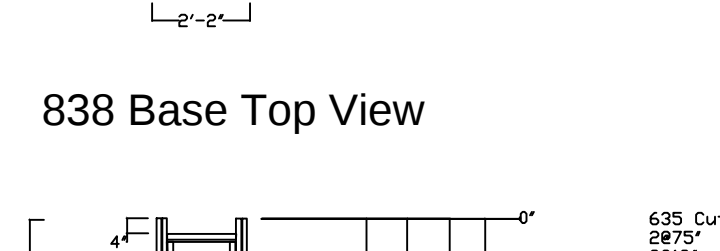
Model # 810 C



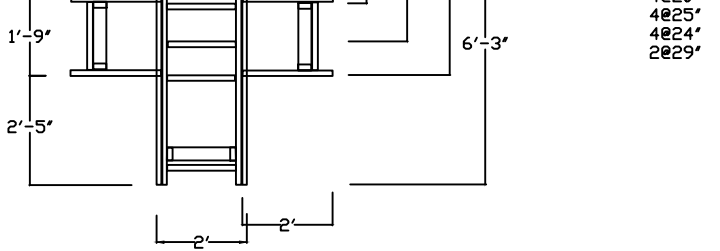
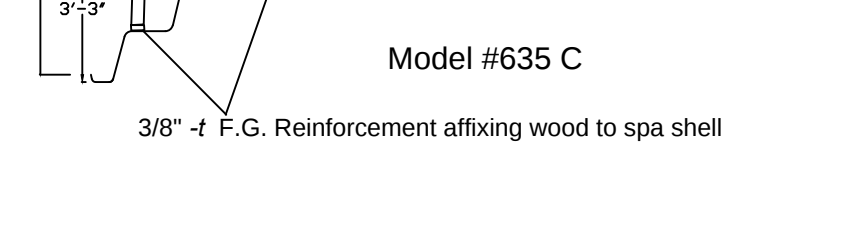
810 Base Top View



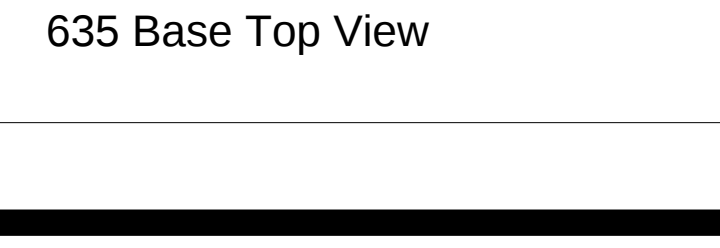
810 Base Top View



810 Base Top View



810 Base Top View



810 Base Top View

REVIEWED
FOR
CODE
COMPLIANCE
06/02/2023

General Notes

No. Revision/Issue Date

Firm Name and Address

Project Name and Address

Project

Date

Scale

See Section

Sheet

S1