



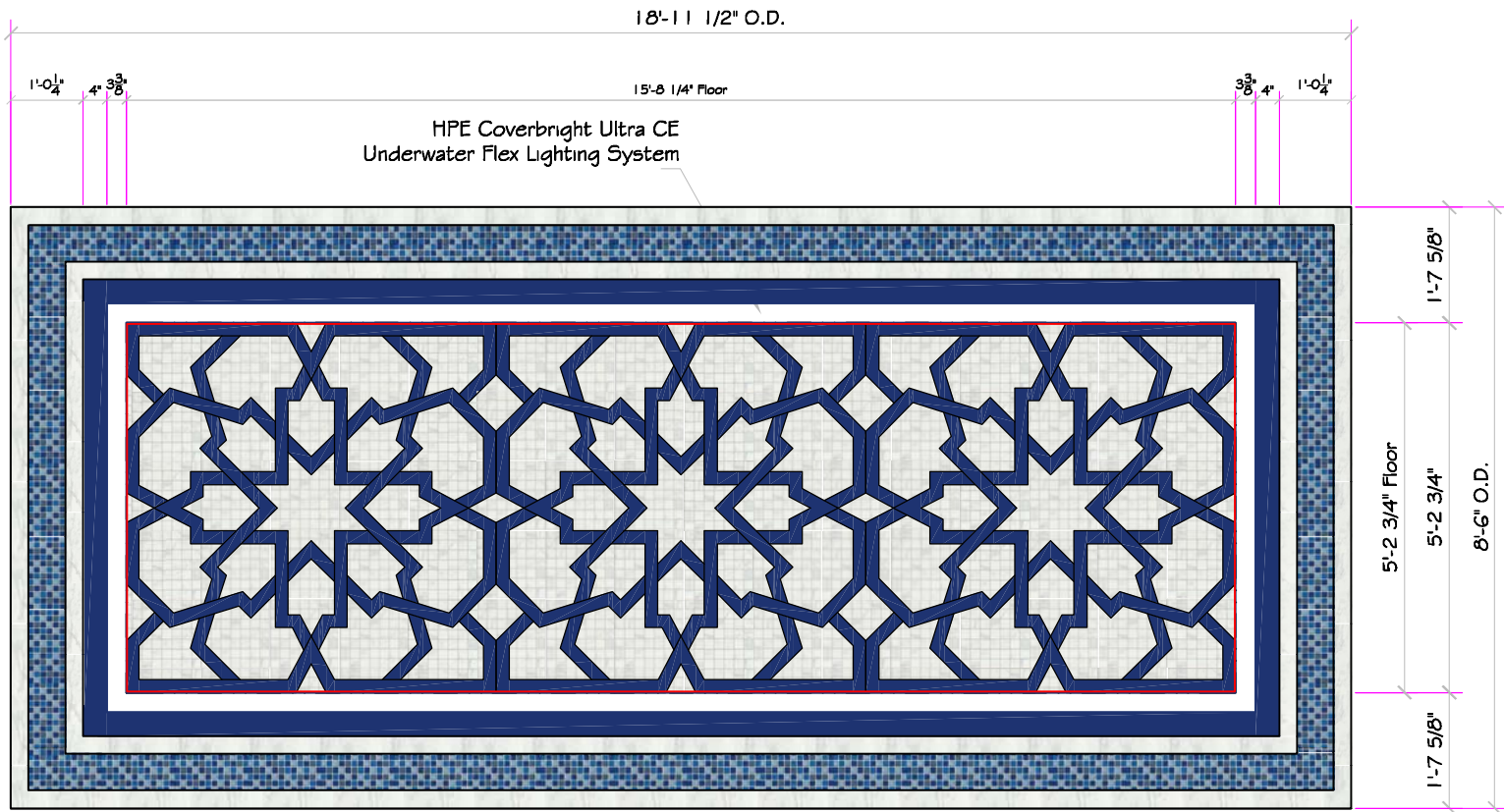
NESPA
TILED SPAS

Production Booklet

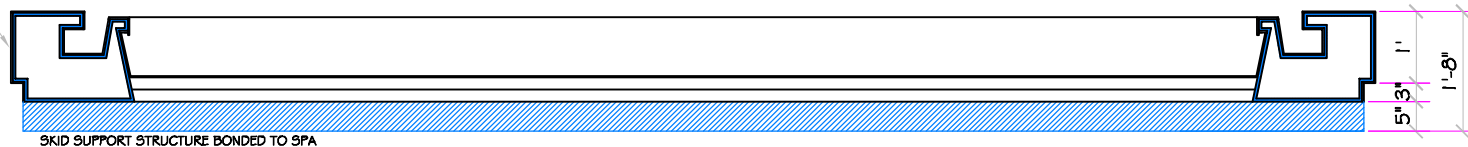
for

6th AVE PENTHOUSE LARGE POOL

2800 Richter Ave. Suite C, Oroville, CA 95965 • **voice:** (530)534-9910
fax: (530)534-9915 • **email:** sales@tiledspas.com • **website:** www.tiledspas.com



Tiled Skirt



ALL DIMENSIONS SUBJECT TO 1/4" TOLERANCES

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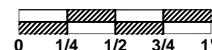


If printing as a PDF:

Page Scaling:

SCALE

3/8" = 1'



Oct 05, 2009 - 8:03am

DWG TYPE

SD Large Pool

DWG NAME

6TH AVE PENTHOUSE_LARGE

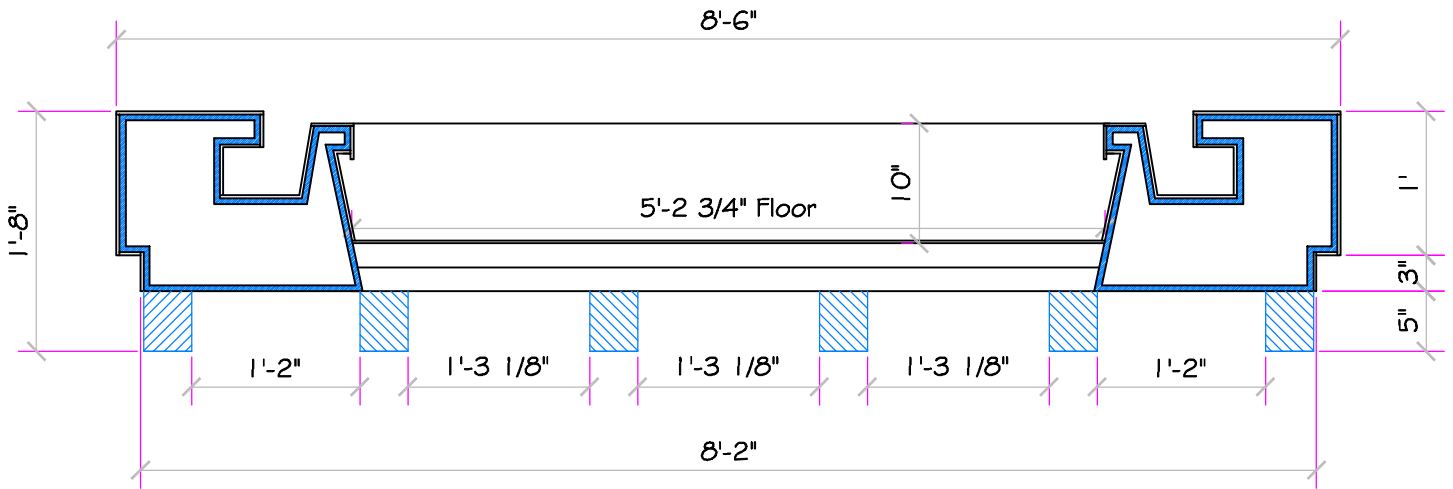
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10/5/2009

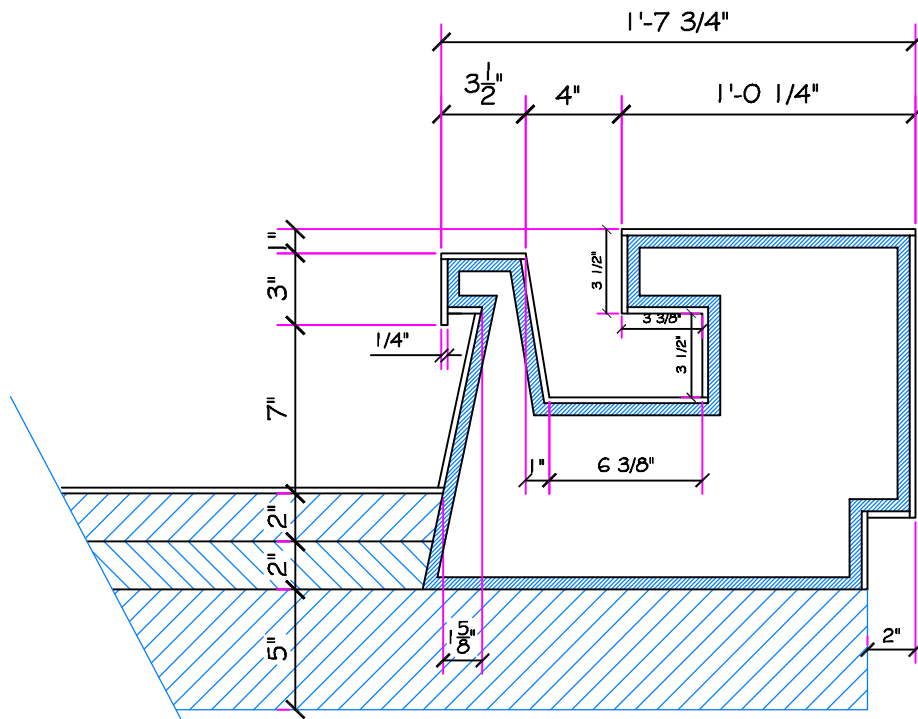
SHEET

PAGE 1 OF 11

SPECIFICATIONS	
DRY WEIGHT:	2000 LBS.
TOTAL WEIGHT:	7612 LBS.
WATER:	673.2 GAL.
VOLUME:	90 Cu.Ft.
WEIGHT:	5612 LBS.
SURFACE AREA:	82 SQ. FT.
IAPMO#:	1138
FDA#:	2030305



SCALE
3/4" = 1'



SCALE
1 1/2" = 1'

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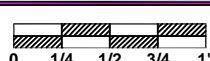


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DWG TYPE

Large Pool Section

DWG NAME

6TH AVE PENTHOUSE_LARGE

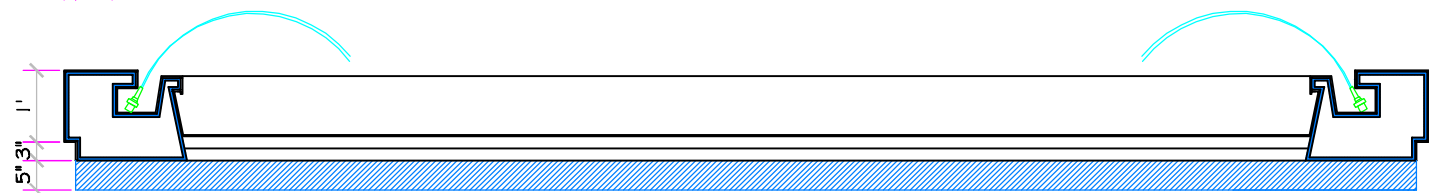
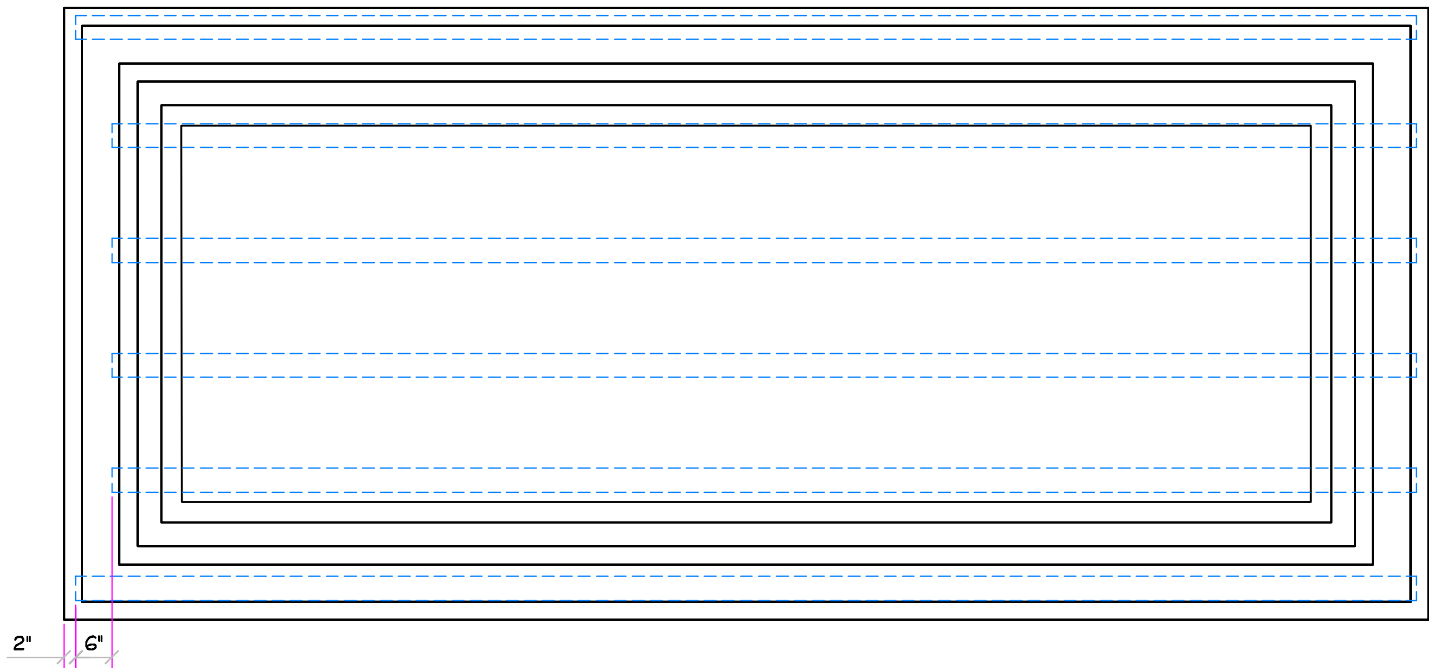
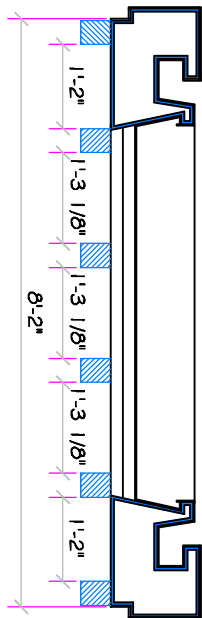
DATE

10/5/2009

SHEET

PAGE 2 OF 11

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SCALE: 3/8" = 1'
 0 1/4 1/2 3/4 1"
 DATE: 10/5/2009

DWG TYPE: Large Pool Skids
 SHEET: PAGE 3 OF 11

Oct 05, 2009 - 8:04am

NOTES: Nespa to supply and install LED light strip
 Lights are bright, dimmable and submersible

Electrician to supply all Switching, Transformers
 and Load Wiring to Vessels

	LED Length	Watts
1B	25.9'	47
2B	25.9'	47



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Oct 05, 2009 - 8:04am

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SCALE

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DWG TYPE

Large Pool Lighting

DWG NAME

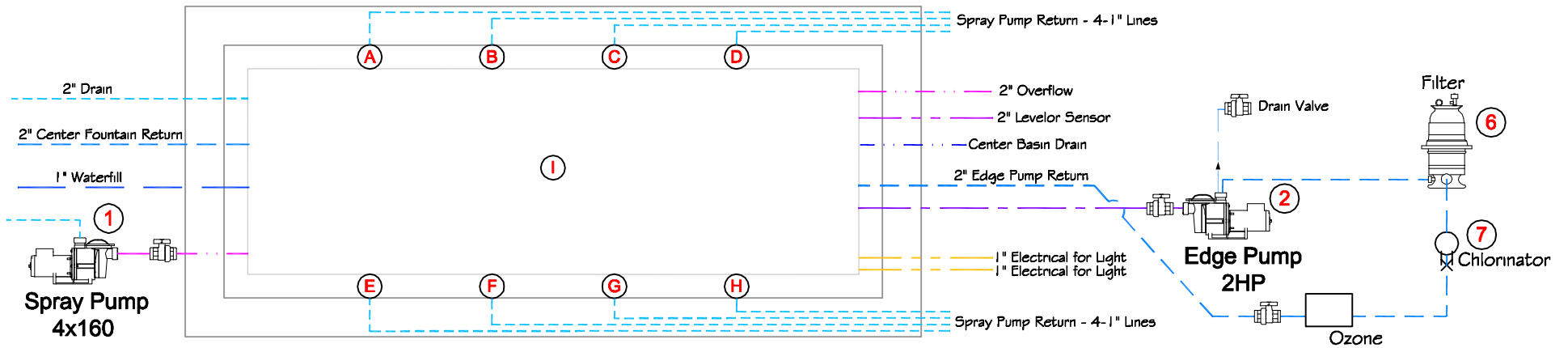
6TH AVE PENTHOUSE_LARGE

DATE

10/5/2009

SHEET

PAGE 4 OF 11



ALL DIMENSIONS SUBJECT TO 1/4" TOLERANCES

Oct 05, 2009 - 1:08pm

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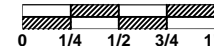


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DATE

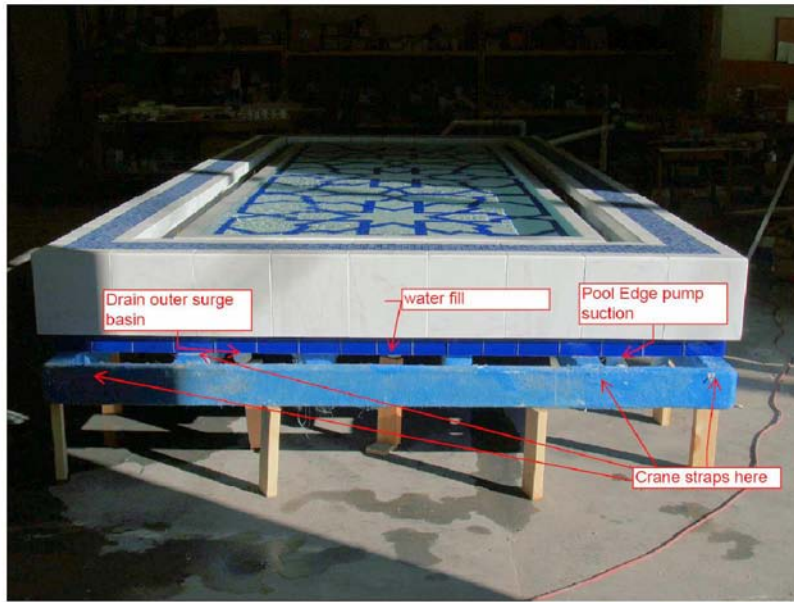
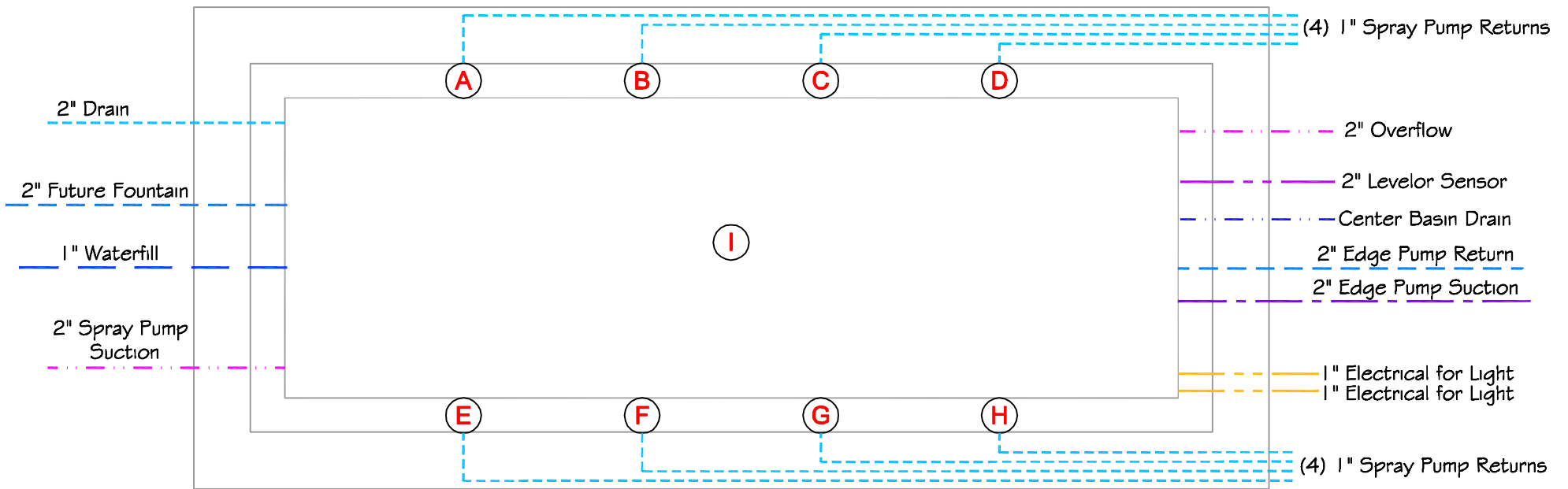
10/5/2009

DWG TYPE

Plumbing Schem LG

SHEET

PAGE 5 OF 11



ALL DIMENSIONS SUBJECT TO 1/4" TOLERANCES

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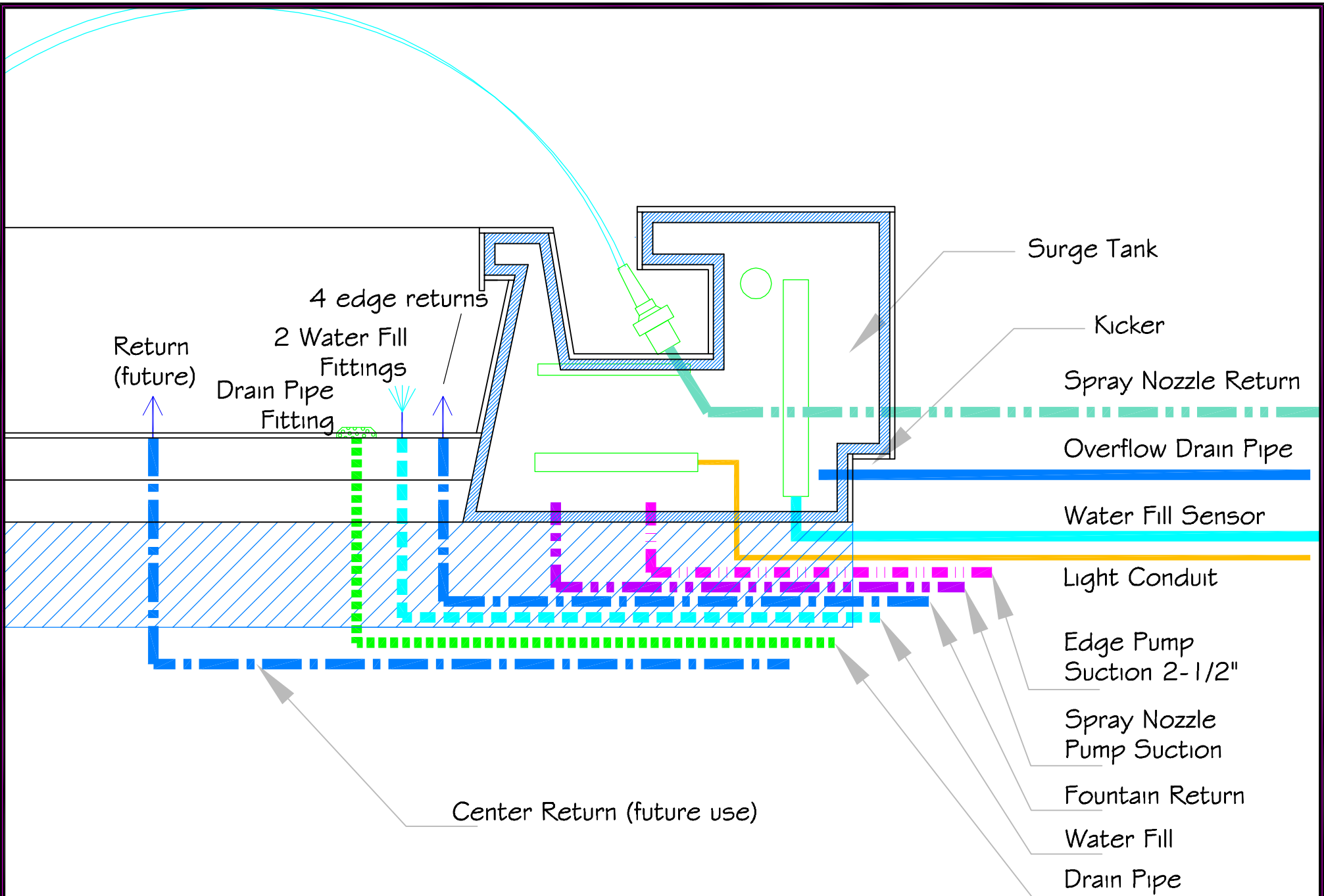
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 6TH AVE PENTHOUSE_LARGE

DATE
 10/5/2009

SHEET
 PAGE 6 OF 11

Oct 05, 2009 - 1:08pm

DWG TYPE
 Plumbing Schem LG (2)



ALL DIMENSIONS SUBJECT TO 1/4" TOLERANCES

Oct 05, 2009 - 8:04am

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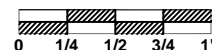
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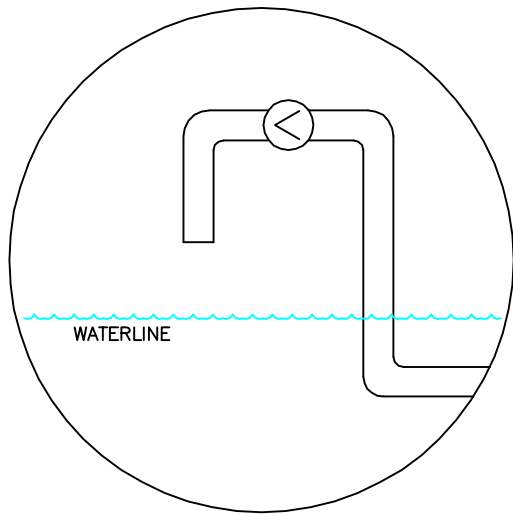
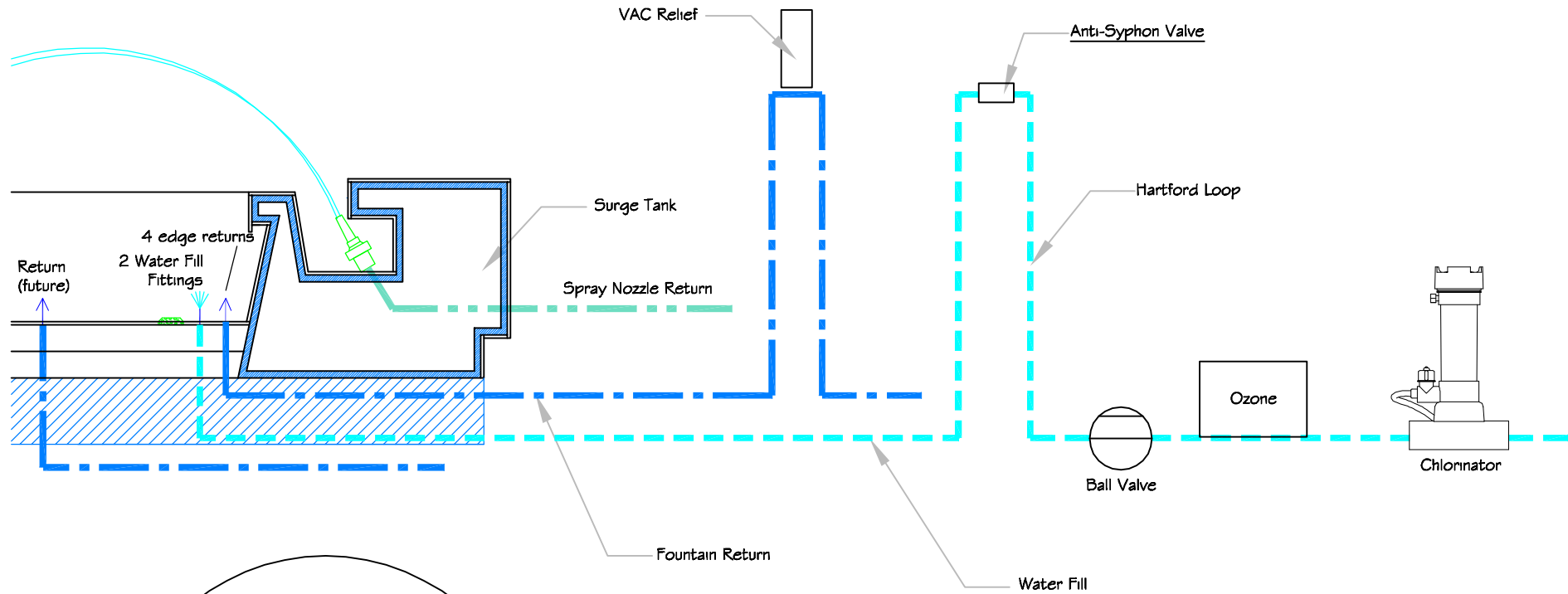
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 2" = 1'



DWG NAME
 6TH AVE PENTHOUSE_LARGE

DATE
 7/31/2009

DWG TYPE
 Plumbing Section
 SHEET
 PAGE 7 OF 11



**HARTFORD LOOP
WITH ANTI-SYPHON
VALVE**

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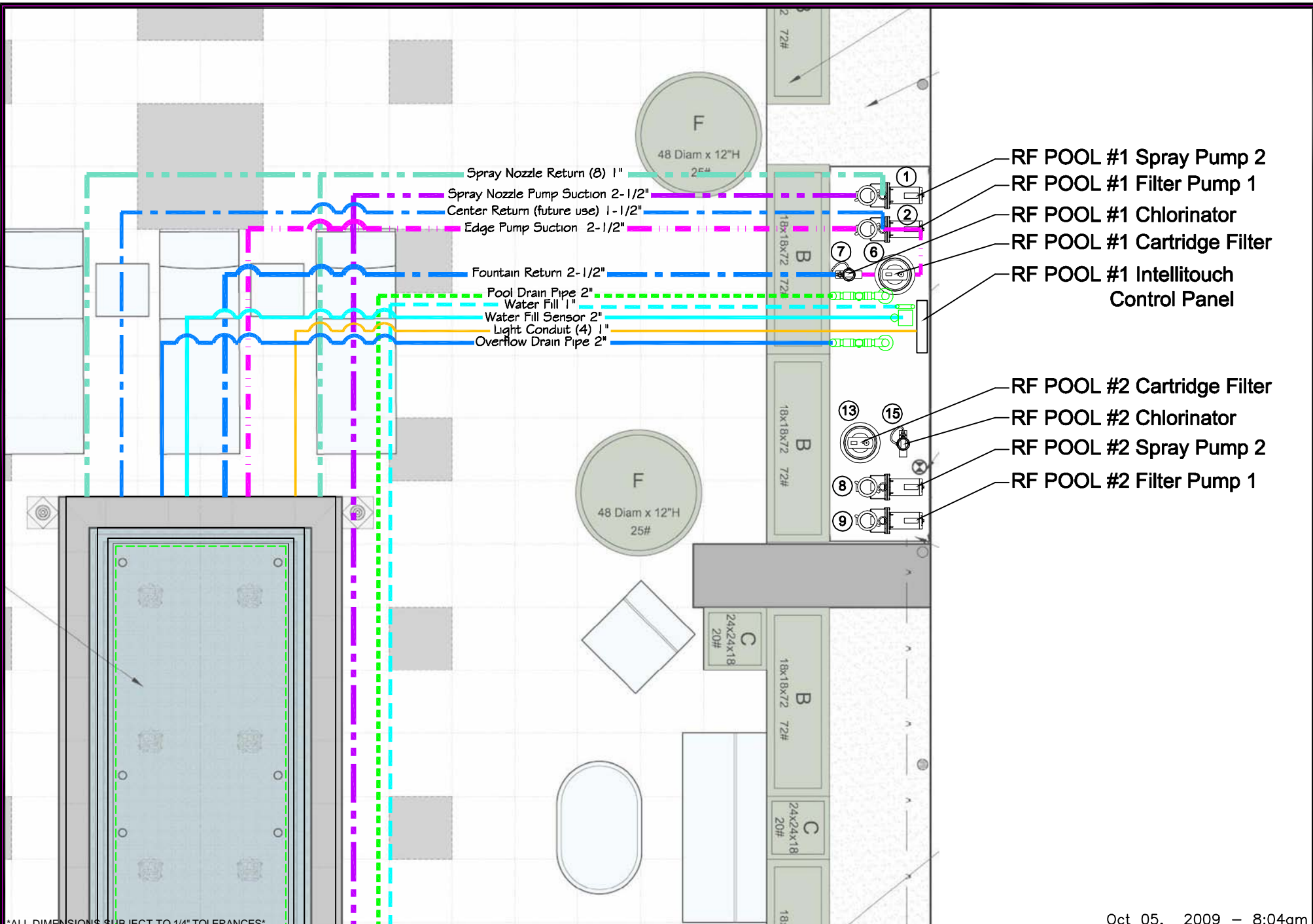
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DATE
 10/5/2009

DWG TYPE
 Plumbing Detail

SHEET
 PAGE 8 OF 11

Oct 05, 2009 - 8:04am



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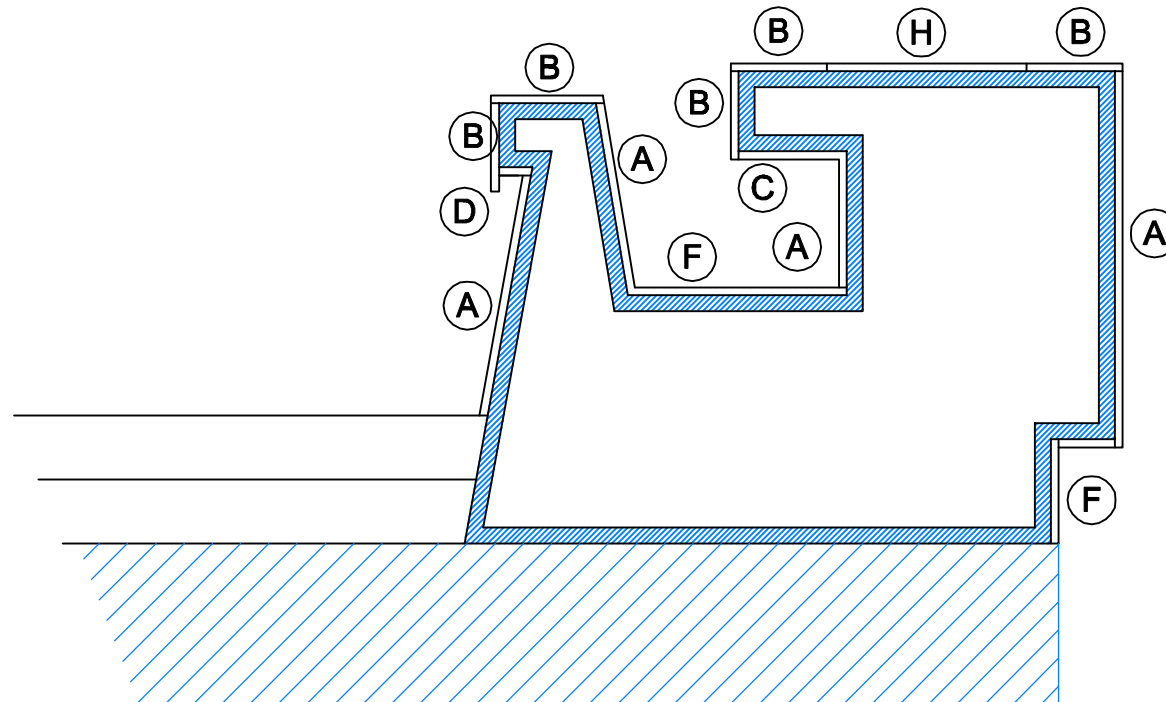
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DWG TYPE
 EQ Layout
 SHEET
 PAGE 9 OF 11

DWG NAME
 6TH AVE PENTHOUSE_LARGE

DATE
 10/5/2009

- A. American Olean Catarina : Coliseum White 12" x 12"
- B. American Olean Catarina : Coliseum White 3" x 12" sfbn
- C. American Olean Catarina : Coliseum White C19, 1" x 1"
- D. American Olean Catarina : Coliseum White C19, 1" x 13" Quarter Round
- E. DalTile Glass Reflections Stratosphere Blue GR-14, 1" x 6"
- F. DalTile Glass Reflections Stratosphere Blue GR-14, 3" x 6"
- G. DalTile Glass Reflections Stratosphere Blue GR-14, 4" x 4"
- H. DalTile Glass Mosaic Border Greek Key 5, 6" x 12"
- I. DalTile Glass Reflections Caribbean Surf, GR-22, 1" x 1" Mosaic



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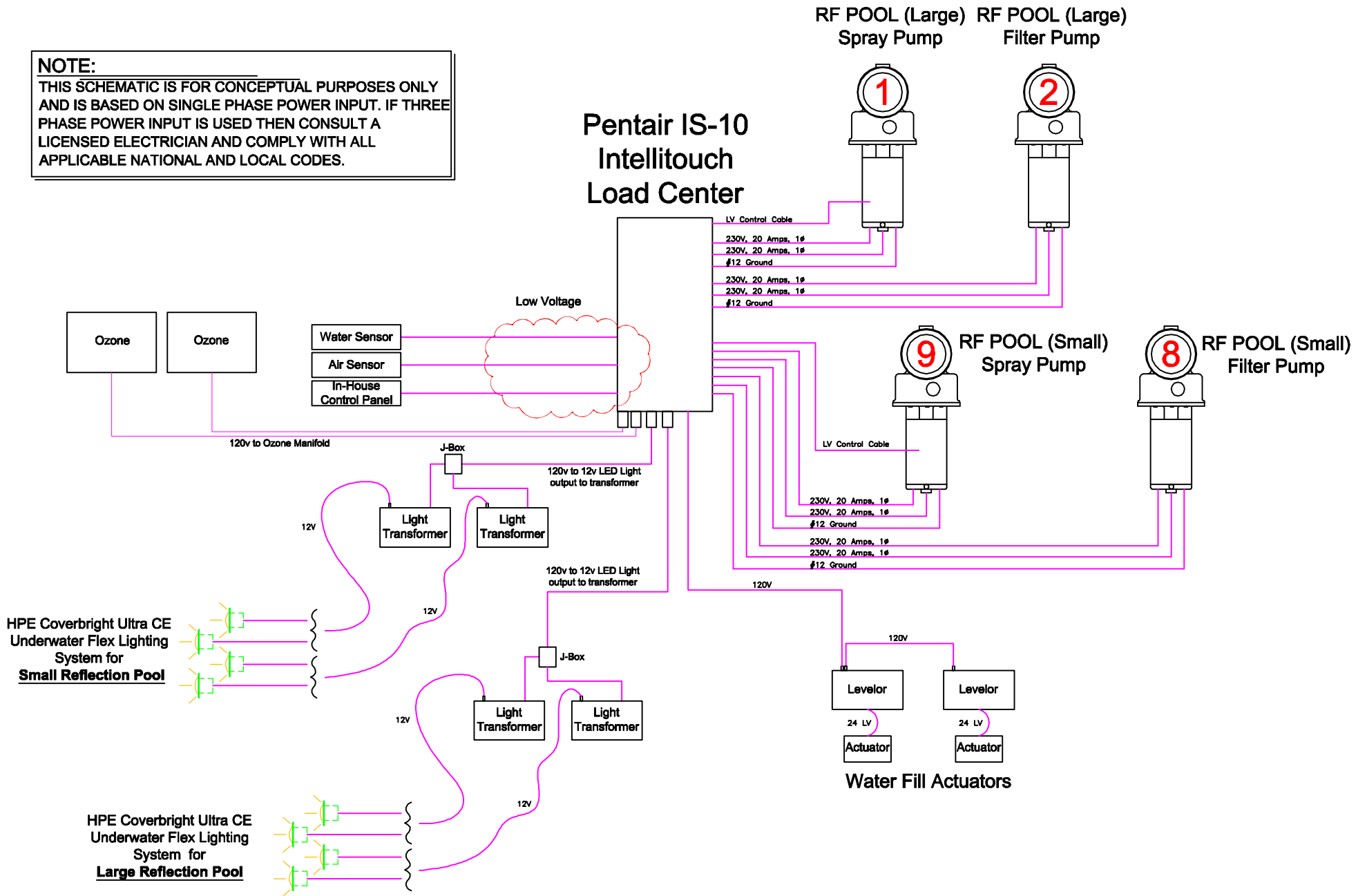


DWG NAME
6TH AVE PENTHOUSE_LARGE

DATE
10/5/2009

DWG TYPE
Tile Detail
SHEET
PAGE 10 OF 11

NOTE:
 THIS SCHEMATIC IS FOR CONCEPTUAL PURPOSES ONLY AND IS BASED ON SINGLE PHASE POWER INPUT. IF THREE PHASE POWER INPUT IS USED THEN CONSULT A LICENSED ELECTRICIAN AND COMPLY WITH ALL APPLICABLE NATIONAL AND LOCAL CODES.



ALL DIMENSIONS SUBJECT TO 1/4" TOLERANCES

Oct 05, 2009 - 8:04am

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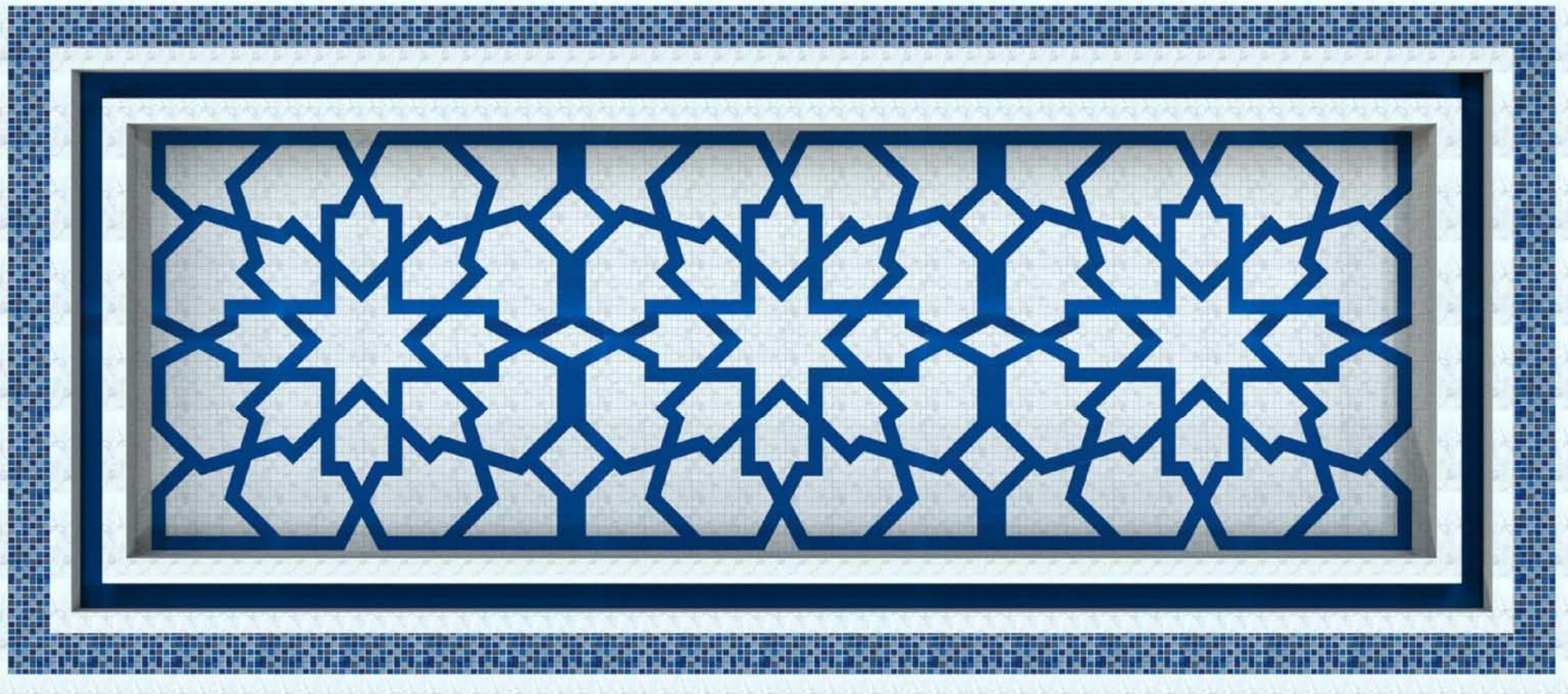
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If printing as a PDF:
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SCALE: N/A
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 DATE: 10/5/2009

DWG TYPE: Electrical
 SHEET: PAGE 11 OF 11

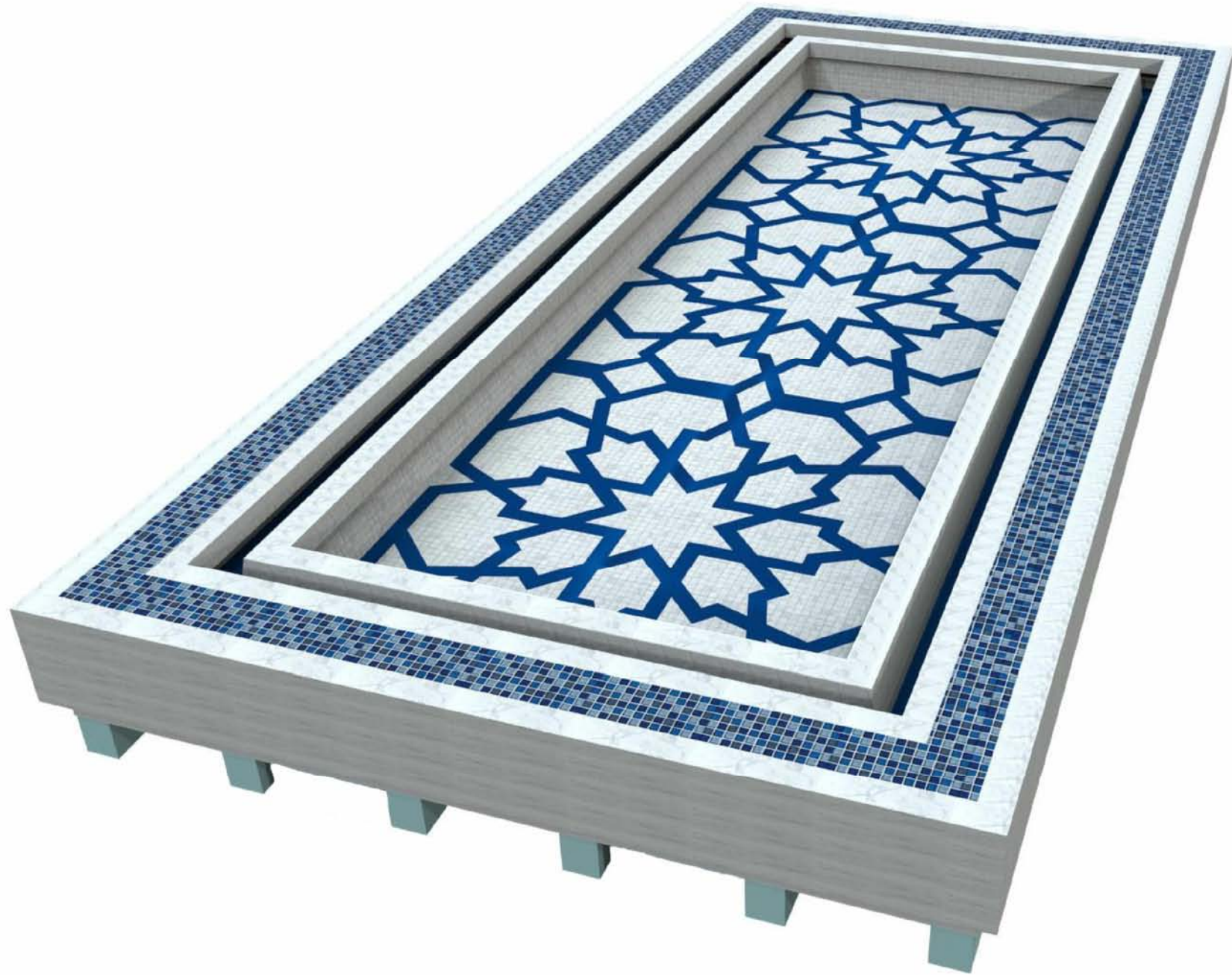


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PLOT TIME Oct 05, 2009 - 8:04am

DWG NAME 6TH AVE PENTHOUSE_LARGE

DWG TYPE Render LG



SCALE N/A

PLOT TIME
Oct 05, 2009 - 8:04am

DWG NAME
6TH AVE PENTHOUSE_LARGE

DWG TYPE
Render LG (2)

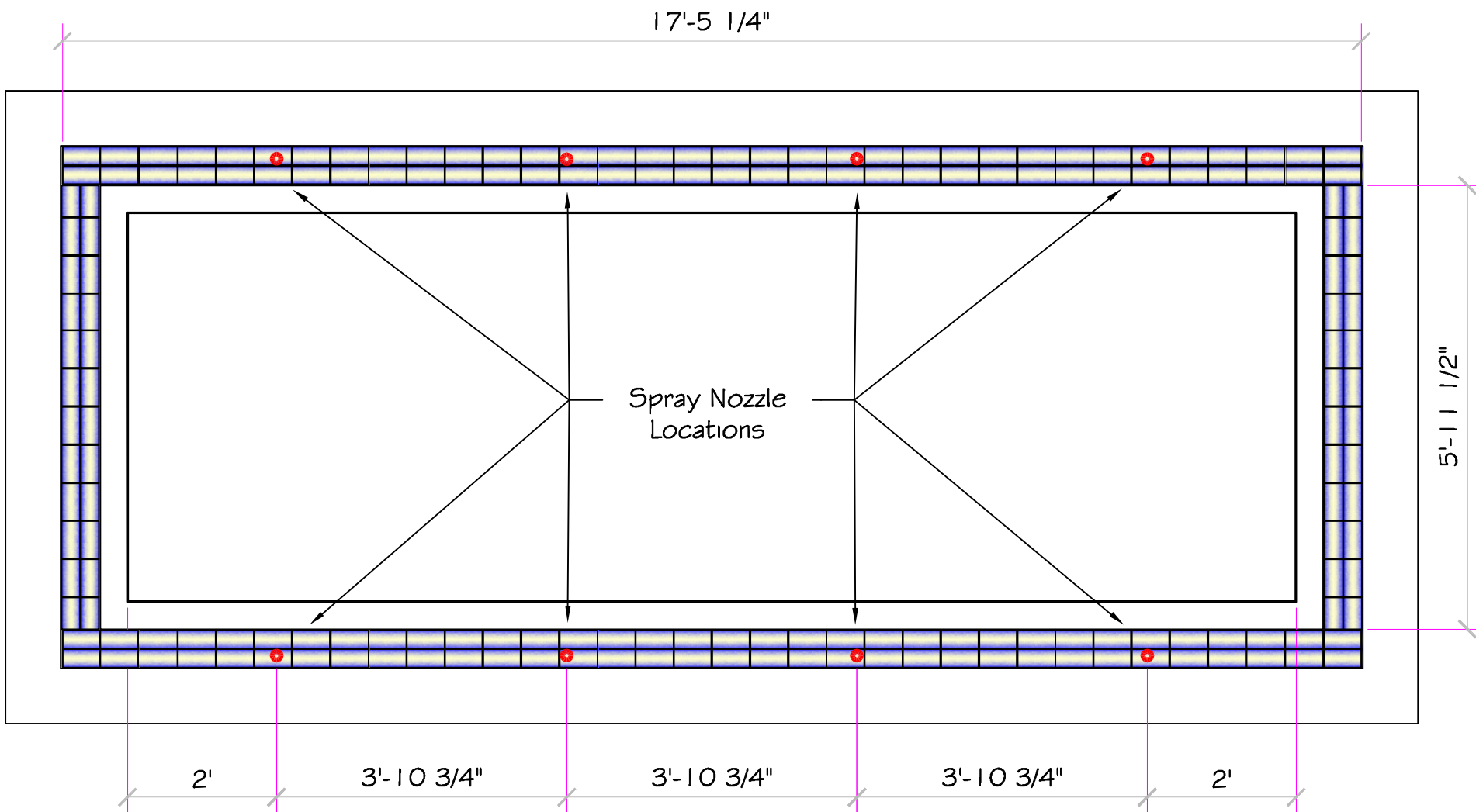


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PLOT TIME Oct 05, 2009 - 8:04am

DWG NAME 6TH AVE PENTHOUSE_LARGE

DWG TYPE Render LG (3)



SCALE 1/2" = 1'

PLOT TIME

REVISED:
Oct 05, 2009 - 8:05am

DWG NAME

6TH AVE PENTHOUSE_LARGE

DWG TYPE

Tile Spacing Large Pool

STANDARD NESPA IN-GROUND INSTALLATION INSTRUCTIONS **SET-UP AND EXCAVATION**

Prerequisites: Before installing your Nespa spa. You may be required to acquire a permit from your local State, County, and City building dept and or Health department. (Commercial jobs need Health Dept. Approval). Your spa installation must comply with the most current codes. (**Uniform Swimming Pool, Spas & Hot Tub Code 2006 (USPC 2006)**).

Spa drawings: Request from Nespa a current spa specific construction detail, plan and section, spa plumbing detail.

Delivery Access: Clearly determine the method of getting the spa to jobsite and into the hole. This may require the use of a crane, forklift, hoist, backhoe and/or manpower etc.

- 1) The following instructions are general guidelines and may not apply to your specific jobsite conditions. When excavating for your spa remember to provide for plumbing and light connection clearances. In order to determine how to excavate for your spa or swim spa, measure spas outside dimension (O.D.) and add minimum 3” to all sides. This 3” clearance is to accommodate jet and suction plumbing. This 3” clearance can change or be reduced upon request. Note: skimmer location, this area may have to be larger than 3”, if commercial 22”.
- 2) **Freeze Climates-** If the spa is place into a vault (typical of freeze climates) a standard 18” or more of clearance minimum from spa perimeter should be provided. This dead air space is for possible future access to spa plumbing in case of a freeze. Area drain is mandatory. **Ask your local installer** for his experienced opinion. Do not hesitate to call us because we want to be sure that your installation progresses as smoothly as possible. If you have questions call us. (888) 479-4677.
- 2) **Hole depth** is determined by spa’s outside height dimension. This height may vary depending if spa has skids or no skids. The spa lip may be finished or non- finished. How is the perimeter deck elevation transitioning to the spa? Focus on the finish surrounding deck elevations, thickness of the finish material on spa upper horizontal lip, equal to lip or under the spa lip. This material can be tile, stone, concrete or brick.
- 3) **Preplumb** the spa before it goes into the hole. If there are needs for electrical , bonding or control conduits run them as well before dropping in hole. Connect bond wire to niche would be best.
- 4) **Spa should sit on level 3 ½” thick reinforced concrete pad. Sweep debris off pad prior to dropping in hole.**
- 5) **Install spa** into the hole on top of concrete pad. Use the Eye bolts provided for crane, forklift etc. rigging. Do not hold onto pipes. Use caution with suction and jet plumbing when lowering into hole. **DO NOT STRESS FITTINGS!** Fill Spa with water and check for leaks prior to backfill.

- 6) **Check site reference** points for proper spa positioning (i.e., squaring to house, garage, etc.).
- 7) **Shim to level spa.** Shim with non-compression able material. Re square to house, or ref. point.
- 8) **Dry pack** with cement the gaps that have been created when shimming spa level.
- 9) **Connect pipes to tees** if spa is preplumb. Installers properly support your new plumbing from stressing spas preplumb fittings. After electrical conduit and bond wire is connected to light niche, water test spa before back filling with sand.
NOTE: All Nespa products are water tested prior to leaving factory.

ELECTRICAL:

- 1) All electrical connections to spa or equipment should comply with the most recent national electrical code (NEC), state and local codes.
- 2) Connect electrical conduit to light niche. This work should be done or reviewed by a licensed electrician.
- 3) To install spa light you will need to include inside the PVC conduit to the light niche a solid #8 coated copper wire. (If you are use brass conduit, internal bond wire is not required.) This bond wire should be pulled with the light cord at the same time. This bond wire needs to be attached to the internal bonding lug of the light niche. An approved encapsulate should be applied to bond wire connection in niche.
- 4) An external #8 copper wire shall be connected to the external bonding lug on the rear of the light niche. This copper wire can then be used for additional bonding requirements (i.e., handrails or any other metallic object within 5' of the spa.

PLUMBING:

- 1) **When plumbing a Nespa it is important to properly size the plumbing. We highly recommend that you follow the pump manufacturer's pipe sizing requirements and Uniform Swimming Pool, Spas & Hot Tub Code 2006 (USPC 2006). This code book is available at www.IAPMO.org or (909) 472 4100.**
- 2) The jet air venturi should be a Hartford loop design adjacent to spa shell and air entry point can be located next to spa or remotely at equipment.
- 3) Fill spa with water and test the system for leaks PRIOR to backfilling with sand.

SAND BACK FILL:

- 1) **With water in spa, back-fill around spa perimeter with dry plaster sand and wet wash with hydraulic attachment to hose. Let set for one hour and hydraulic dry again. Be sure water level in spa is at the highest level. Any questions please call us. (888) 479-4677.**
- 2) **If spa is free standing on elevated deck or a structure, it is important to fill spa with water and load area prior to installing coping or perimeter decking. If spa is installed in a vault situation a area drain is needed.**



RECOMMENDED MAINTENANCE

Please Note:

These are only recommended guidelines to care for a Nespa all tiled spa. Local codes may require additional procedures, therefore consult with a pool professional that is LA county Health Department certified for more information on local codes and requirements.

SPA SURFACE

Your spa tile is acid resistant and frost-proof. The Tile does not absorb germs or algae. Tile does not stain and is very easy to clean. Color does not fade or lose its luster. All grouts are epoxy based and are extremely durable. To remove scum line use soft nylon brush and small amounts of biodegradable soaps. Do not use abrasive brushes or chemicals.

MAINTENANCE

A. CHEMICALS:

- 1) It is important to maintain a chlorine residual of 2 PPM in the spa. That residual can be provided by chlorine or bromine.
- 2) It is recommended to use Bromine or dichlor (granular) forms of chlorine. If bromine Tabs are used we suggest floating or inline dispenser.
- 3) Never use acid to lower Ph in the tile spa.
- 4) Never use trichlor chlorine (1" or 3") tablets in the Nespa spas.
- 5) Never place tablets in skimmer basket.

B. DRAINING THE SPA:

- 1) It is recommended to drain the spa at least once every 2 months depending on bath load and water clarity.
- 2) The spa should be drained through valve exiting re-circulation pump in the spa equipment room or sump pump.
- 3) Note: Use caution to drain spa in the winter months or rainy season when water table is at its highest. It is possible for the spa to float due to hydraulic pressure from surrounding water table. We advise that you consult with your local spa specialist prior to draining the spa.

C. SPA EQUIPMENT:

- 1) Clean filter cartridge at least once every month, or when needed; i.e., if water clarity does not improve after several days.
- 2) Keep area free and clear from leaves and debris build-up.
- 3) Keep area free and clear from flooding.

D. SPA LIGHT:

- 1) Spa light has to be on GFCI circuit. It is controlled at spa side with ON/OFF.

E. TILE SERVICING:

- 1) Contact manufacture when servicing tile or grout. @ (530) 534-9910