

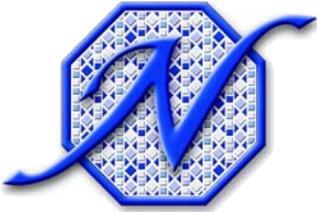
NESPA
TILED SPAS

Production Booklet

for

Gas Company 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



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

SPECIFICATIONS	
SHELL WEIGHT:	18000 LBS.
WATER WEIGHT:	73648 LBS.
TOTAL SHELL & WATER WEIGHT:	91648.1 LBS.
WATER VOLUME:	1181 Cu.Ft.
WATER GALLONS:	8834 GAL.
SURFACE AREA:	336 SQ. FT.
ICC ES LISTED #:	PMG-1161

SKID SUPPORT STRUCTURE* BONDED TO SPA

*SKIDS SUPPLIED BY NESPA

LIGHT NICHE

SPA BRIGHT, 120 V, 100 WATT, 50' CORD, U.L. APPROVED

MAIN DRAIN

AquaStar WAV12, 12" X 12" Frame, Approved Max Flow Rate: Floor/Wall = 361 GPM @ 1.3 fps Floor/Wall = 400 GPM @ 1.5 fps 85.2 Sq In - Open Area V.G.B Approved Safety Drain

SKIMMER

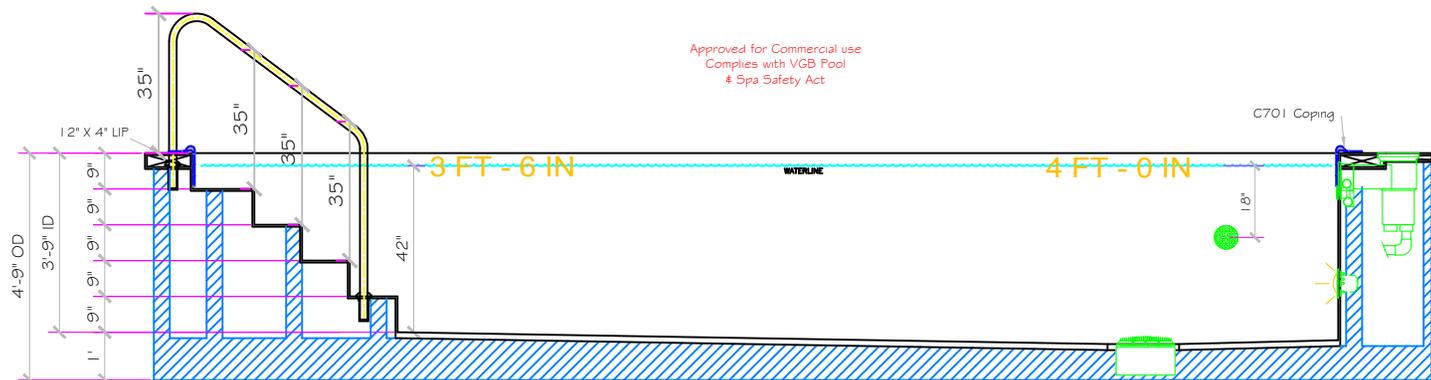
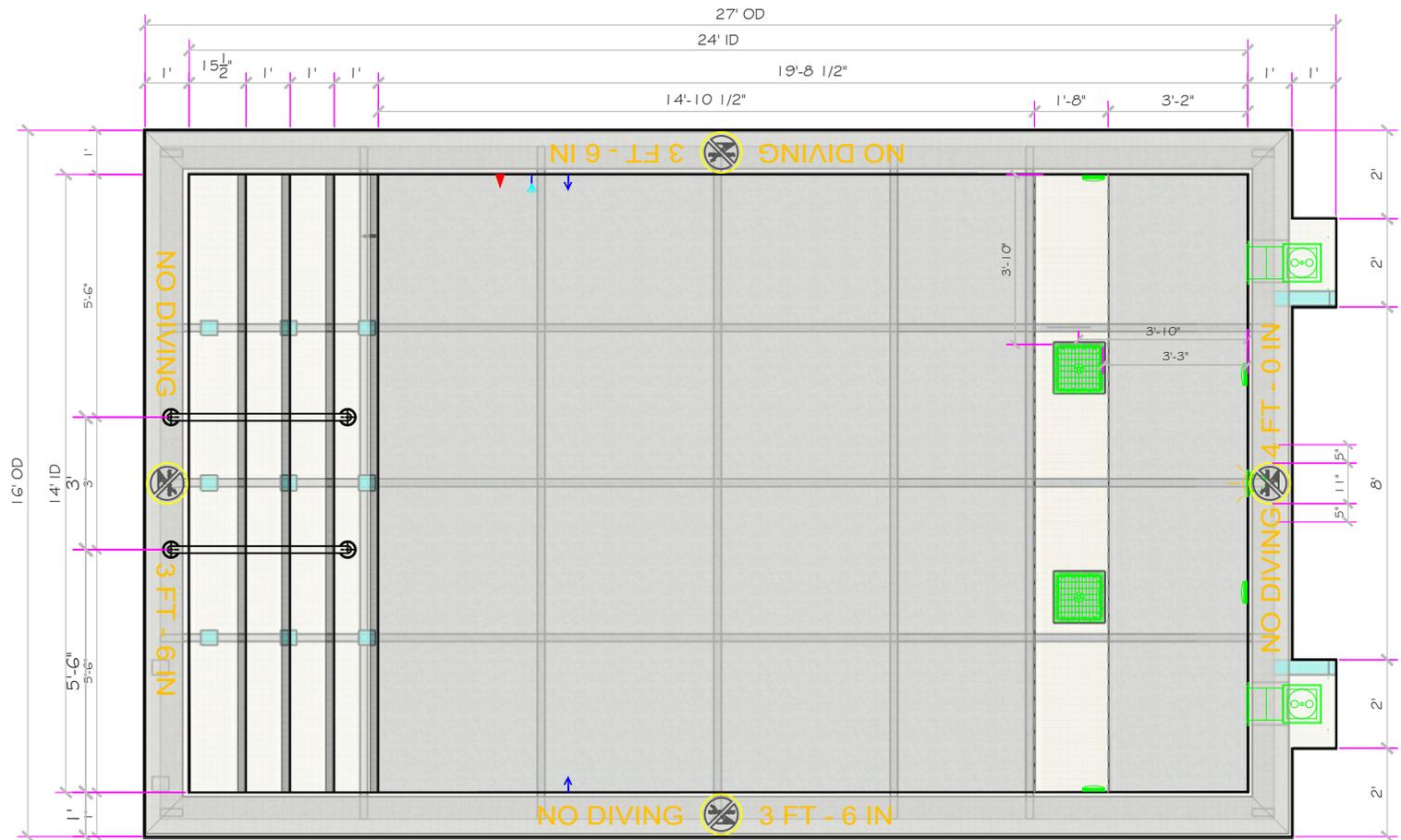
HAYWARD SP-1084FVE SURFACE SKIMMER W/ EQUALIZER NSF APPROVED

RETURN

INLET FITTINGS T-1/2" WALL TYPE W/ EYEBALL PROPOR# 1163300 COMPLIES W/ ANSI CODE ASME A112.19.8-08 U.L. APPROVED

FILL

INLET FITTINGS T-1/2" WALL TYPE W/ EYEBALL PROPOR# 1163300 COMPLIES W/ ANSI CODE ASME A112.19.8-08 U.L. APPROVED



Approved for Commercial use
Complies with VGB Pool
& Spa Safety Act

Waterproof Skid Support Structure attached to spa at Nespa factory

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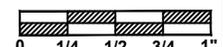
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DWG NAME

LEGACY DW

SCALE
1/4" = 1'



DATE

5/14/2015

DWG TYPE

Pool SD

SHEET

PAGE 1 OF 8

- #1 - FIELD TILE: Dal Tile D317 Biscuit 2 x 2
- #2 - WATERLINE (optional): NPT DSF39 Black 3 x 3
- #3 - BENCH & STEP EDGES (optional): Dal Tile D311 Black 2 x 2
- #4 - TILED LIP (optional): Dal Tile D317 Biscuit 2 x 2

Date: _____
 Approval: _____

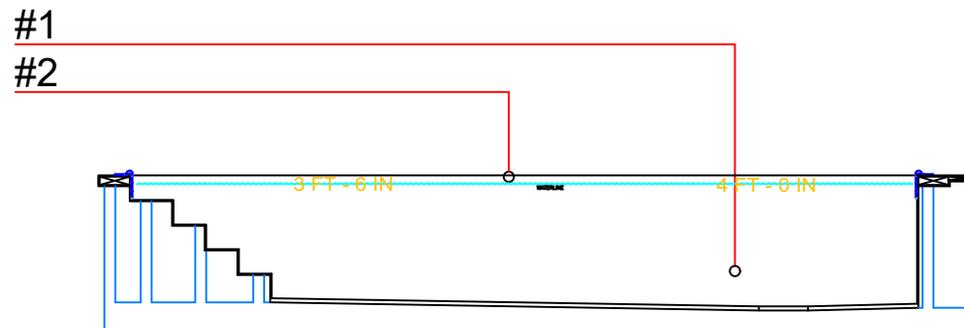
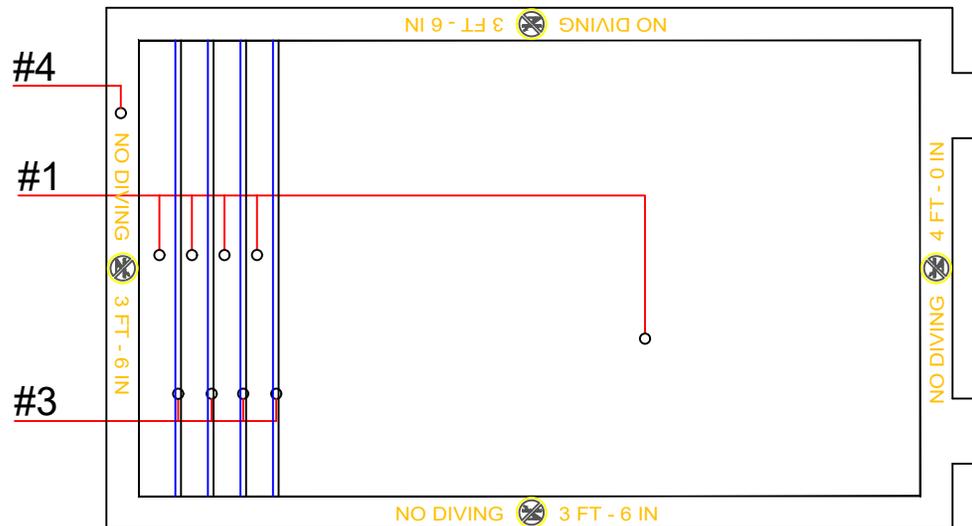
#1 - GROUT: _____
 #2 - GROUT: _____
 #3 - GROUT: _____



Dal Tile D317 Biscuit
2 x 2



Dal Tile D311 Black
2 x 2



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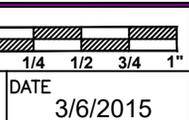
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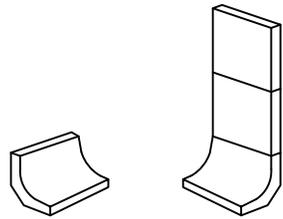
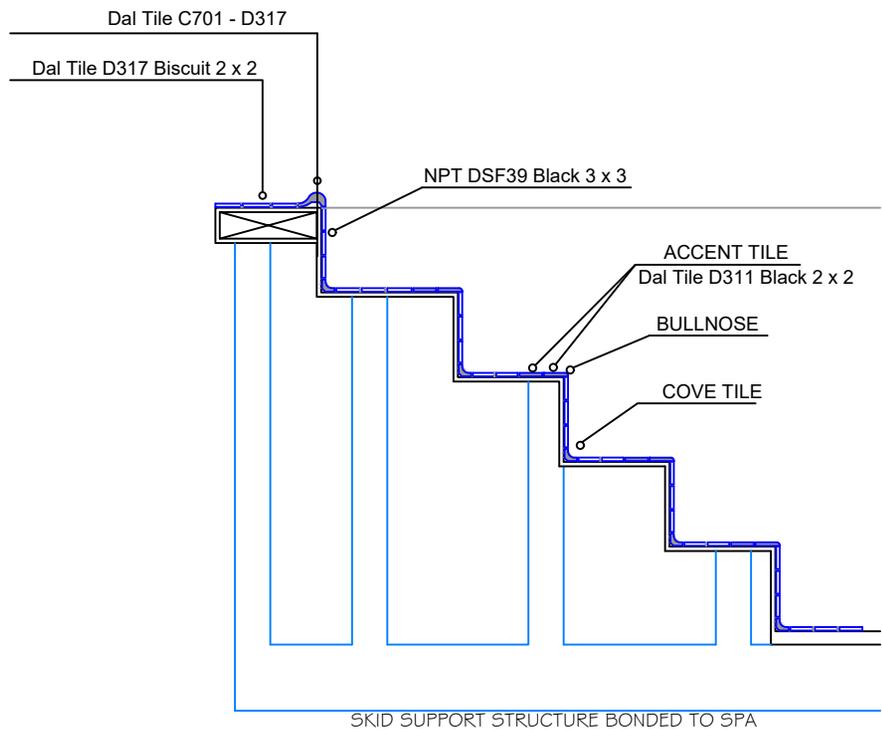


DWG TYPE
Pool Tile

SHEET
PAGE 2 OF 8

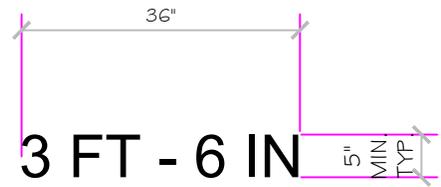
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LEGACY DW

DATE
3/6/2015



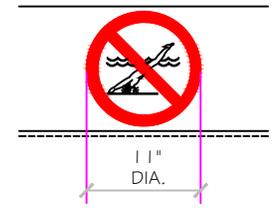
C-833
COVE
TILE

FONT TO BE HELVETICA NEUE LT COM 85 Hv



NOTES:

1. POOL DECK TILE TO BE 12"x 24" UNGLAZED SLIP RESISTANT CERAMIC TILE WITH 1/4" MORTAR WATER JET CUT INTO TILE
2. NUMBERS AND DASHES TO BE BLACK.
3. FIELD TILE TO BE GRAPHITE



SILK SCREEN

- 1" WIDE RED CIRCLE WITH 11" OUTSIDE DIAMETER AND 9" INSIDE DIAMETER WITH 1" WIDE RED DIAGONAL LINE
- 1/8" BLUE WATER
- 1/8" BLACK POOL FLOOR

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ALL DIMENSIONS SUBJECT TO 1/4" TOLERANCES

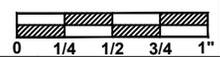
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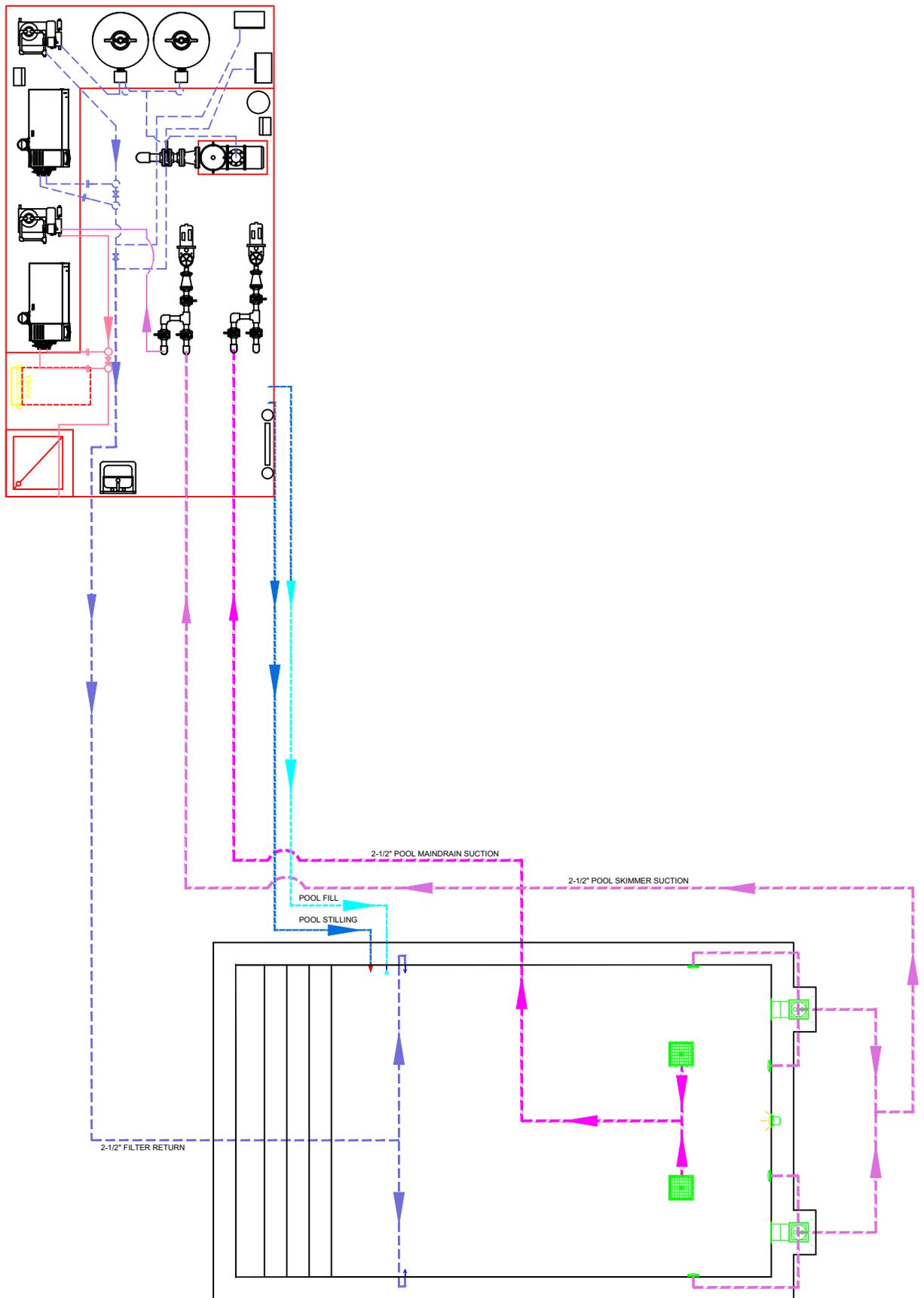
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DWG TYPE
Pool Tile (2)
SHEET
PAGE 3 OF 8

DWG NAME
LEGACY DW

DATE
2/12/2015



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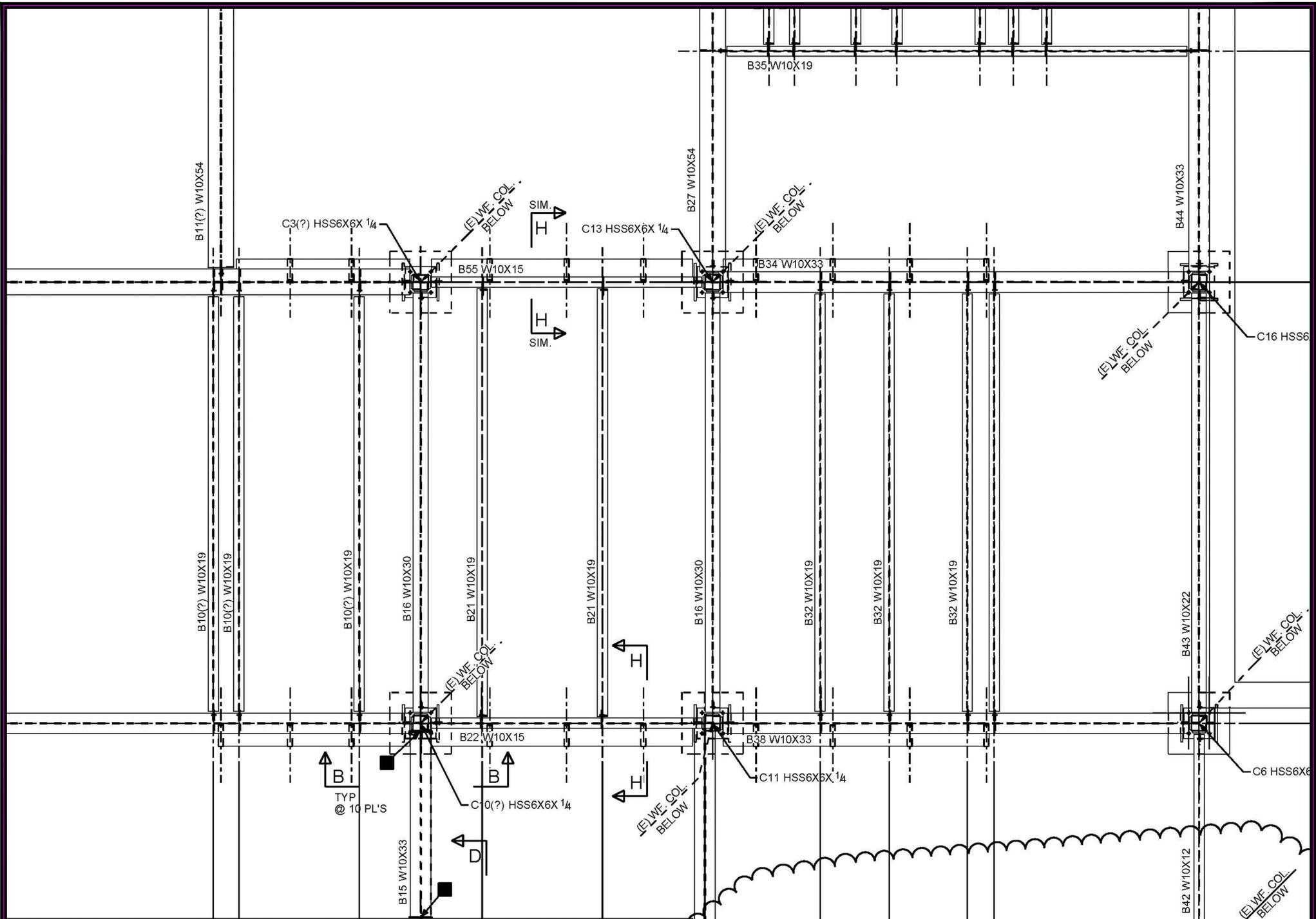


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SCALE N/A
 DATE 5/13/2015

DWG TYPE Pool Plumbing
 SHEET PAGE 4 OF 8

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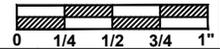
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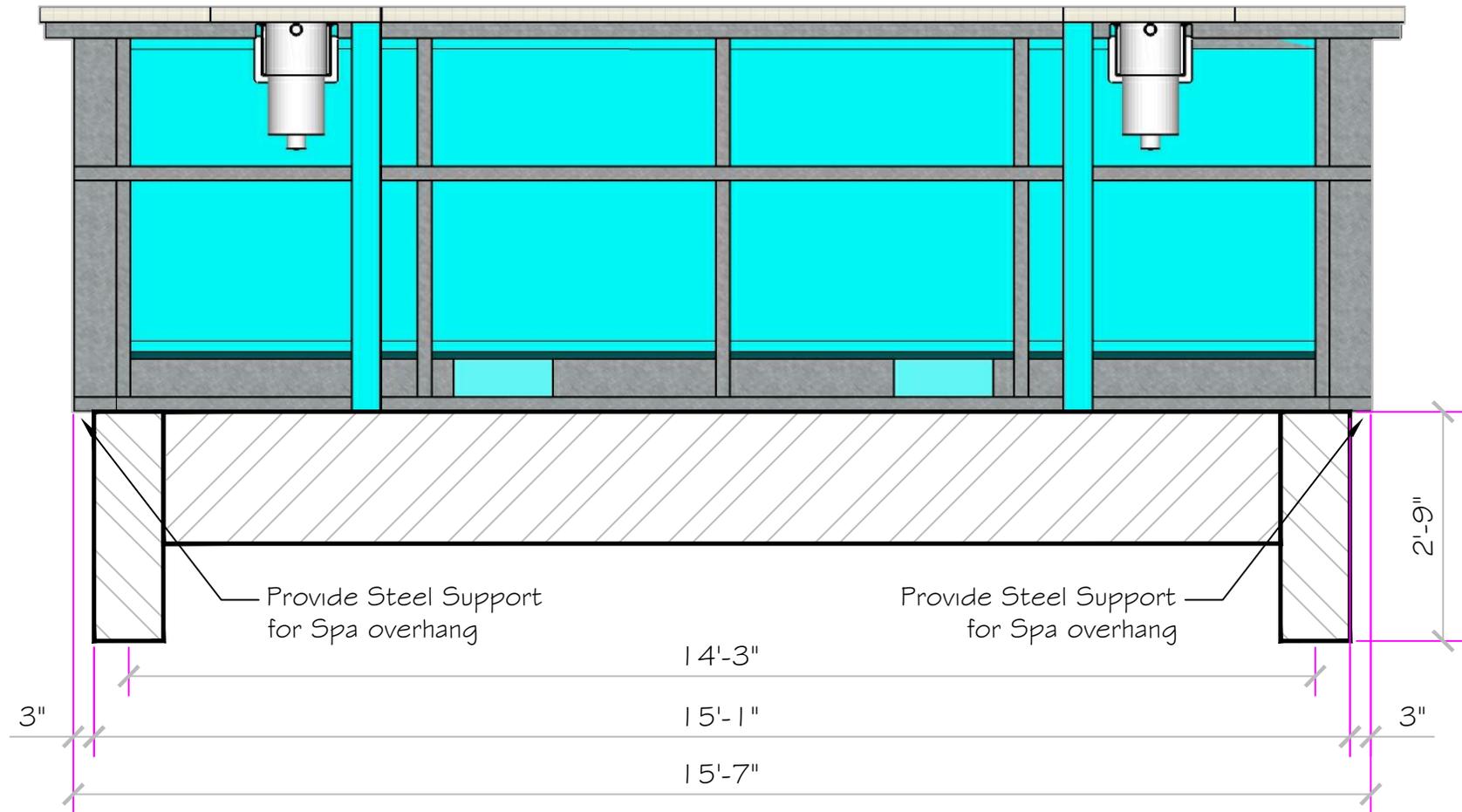


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SCALE: 1/4" = 1'
 DATE: 7/16/2015

DWG TYPE: Pool Steel Support
 SHEET: PAGE 1 OF 2





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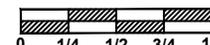


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SCALE
 1/2" = 1'



DATE 7/16/2015

DWG TYPE
 Pool Steel Support (2)
 SHEET
 PAGE 2 OF 2

AREA

BRIACTORS

DD AV.
90040

764C-51

FAX# (323) 720-0719

CK

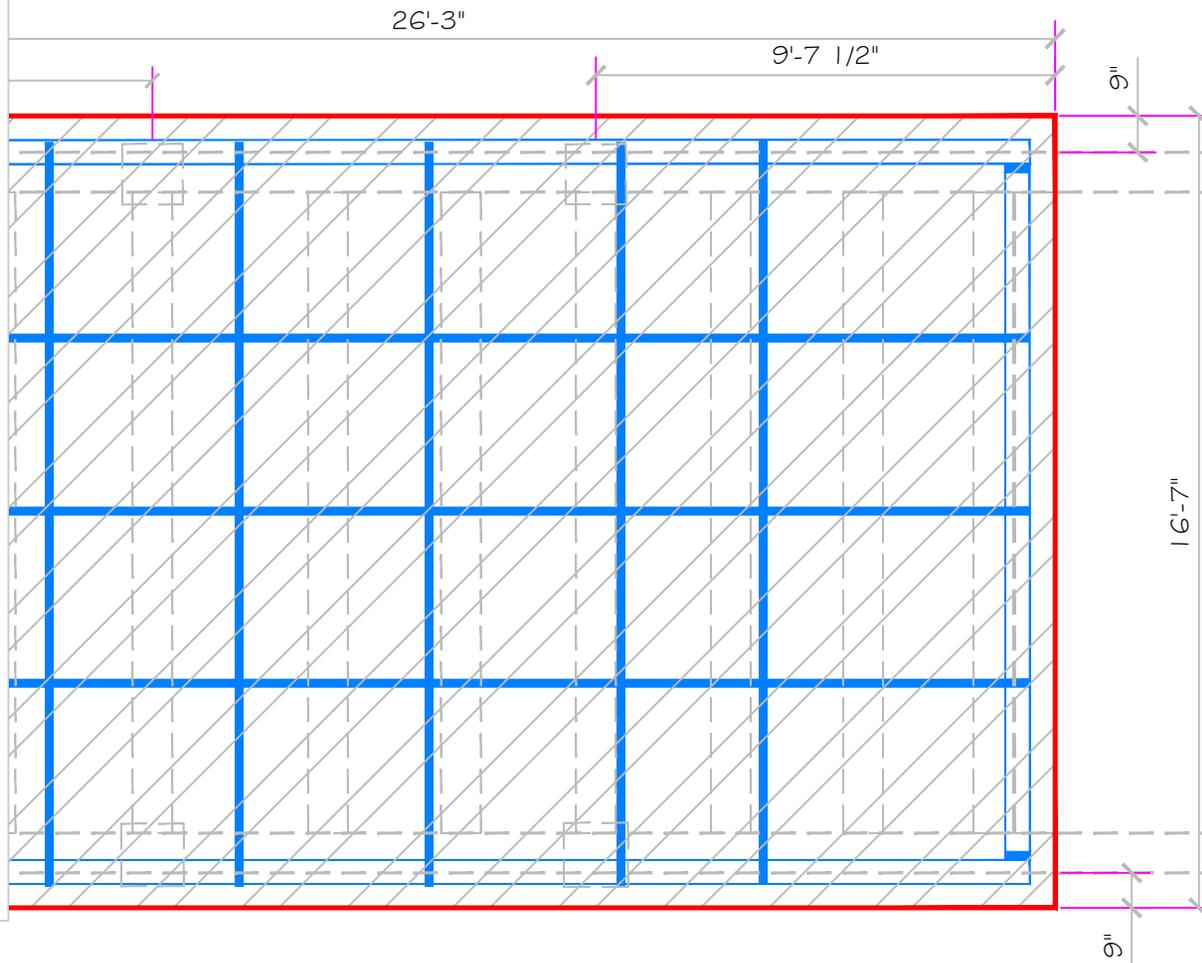
ES

JOB No.

3516

DRG No.

E1



Nespa Steel

Building Steel

Steel Plates

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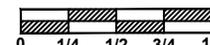
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POOL

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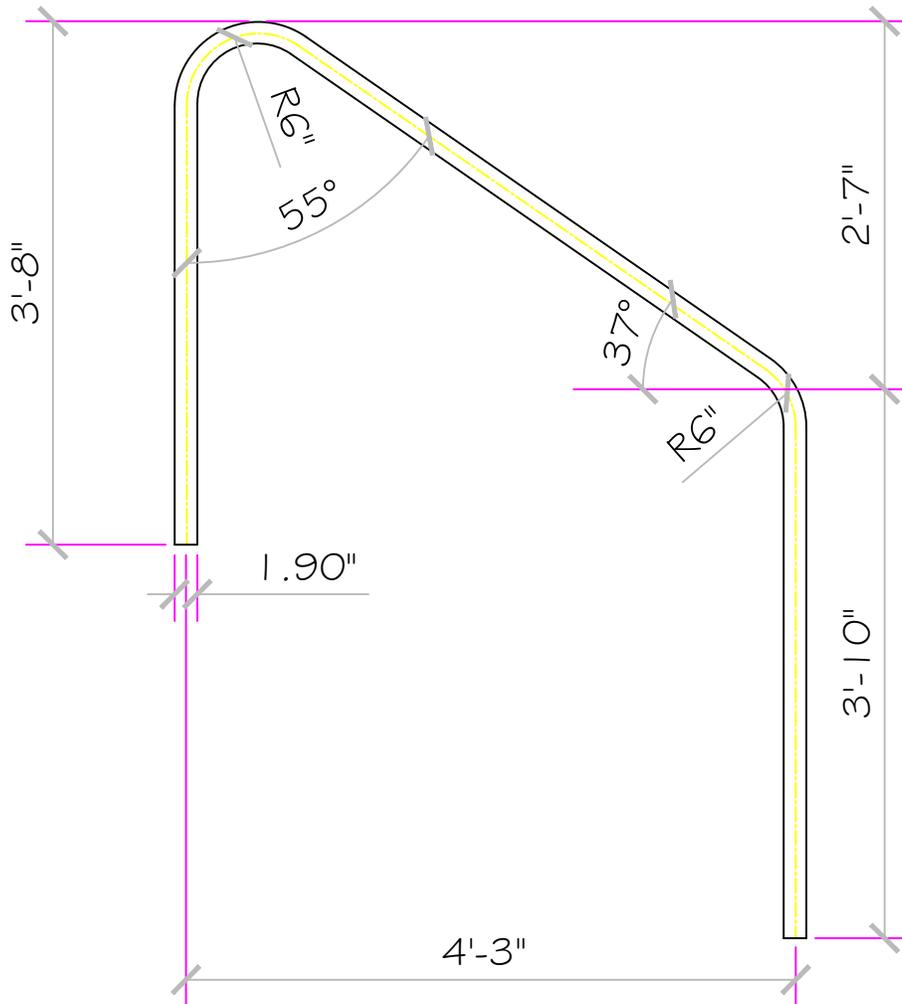
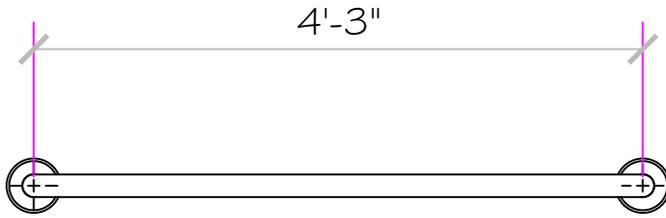
7/16/2015

DWG TYPE

Pool Steel Plates

SHEET

PAGE 1 OF 1



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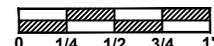
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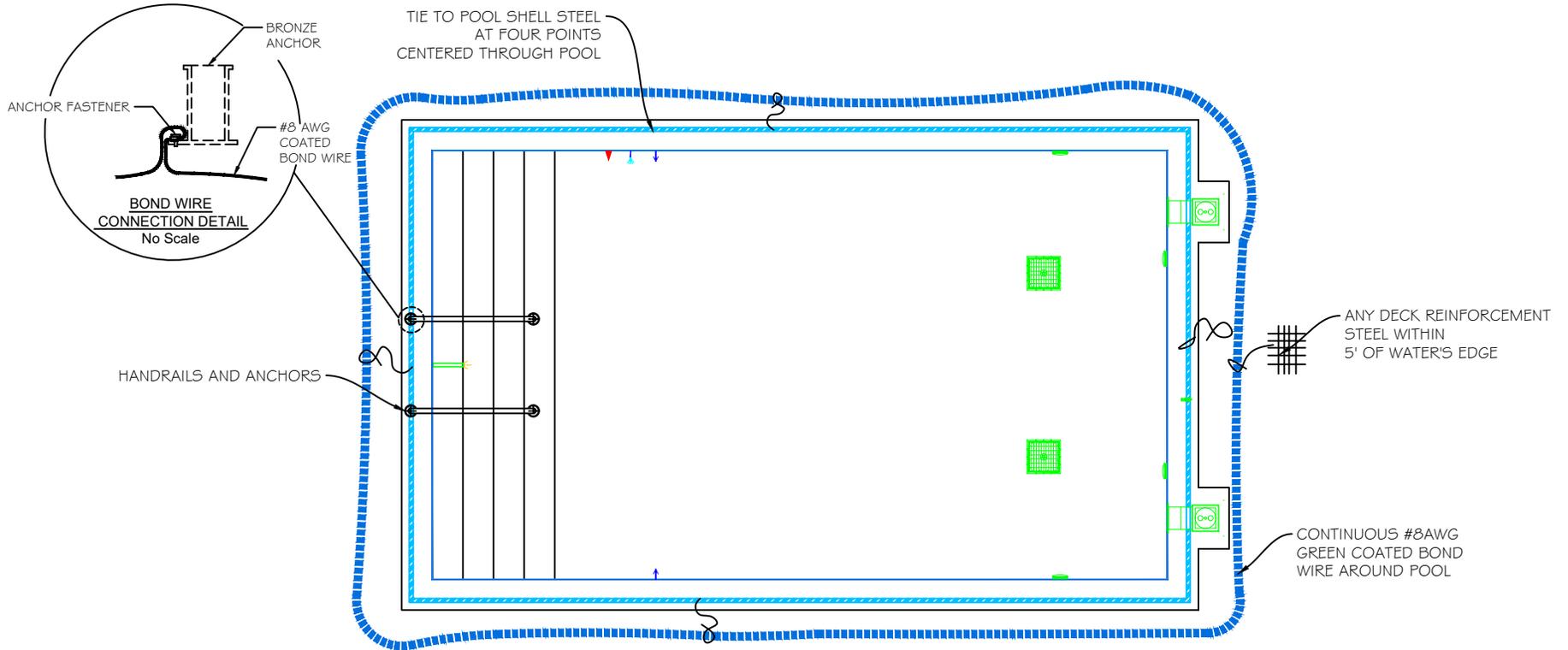
Pool Handrail (3)

DATE

10/5/2015

SHEET

PAGE 1 OF 1



TYPICAL BONDING DETAIL

1. INSTALL PER NEC 2008, SECTION 680 REQUIREMENTS
2. USE #8 COATED TAILS OFF BOND LOOP TO EQUIPMENT AND STEEL NOT IMMEDIATELY ADJACENT TO BOND LOOP

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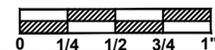
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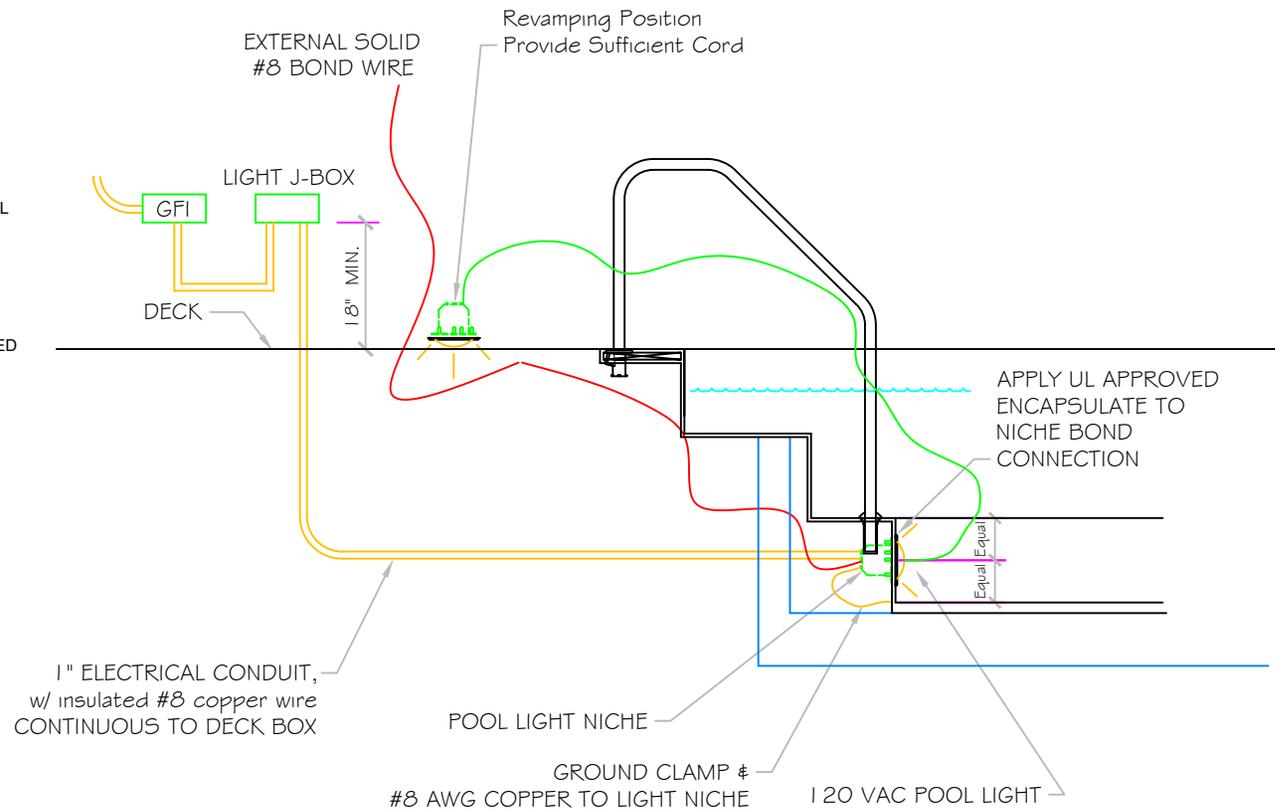
DATE
 3/6/2015

DWG TYPE
 Pool Bonding
 SHEET
 PAGE 6 OF 8

POOL BONDING REQUIREMENTS:

1. THE FOLLOWING PARTS SHALL BE BONDED TOGETHER AND CONNECTED TO THE COMMON BONDING GRID.
 - A. ALL THE METALLIC PARTS OF THE POOL STRUCTURE INCLUDING COPPING STONES, DECK, PERMANENT PLAY STRUCTURES, PERMANENT EXERCISE STRUCTURES.
 - B. ALL METAL FITTINGS WITHIN OR ATTACHED TO THE POOL STRUCTURE
 - C. METAL PARTS ASSOCIATED WITH THE POOL WATER CIRCULATING SYSTEM, INCLUDING PUMPS, FILTERS, AND HEATERS.
 - D. METAL PARTS ASSOCIATED WITH POOL COVERS
 - E. METAL SHEATHED CABLES AND RACEWAYS, METAL PIPING AND ALL FIXED METAL PARTS WITHIN 5 FEET HORIZONTALLY OF INSIDE WALLS OF POOL AND WITHIN 12 FEET ABOVE MAXIMUM WATER LEVEL OF POOL.
 - F. METAL PARTS ASSOCIATED WITH OBSERVATION STANDS, TOWERS, PLATFORMS, AND DIVING STRUCTURES.
2. BONDING CONDUCTORS SHALL BE MINIMUM #8 SOLID COPPER, INSULATED E.C. SHALL COORDINATE APPROVED CONNECTOR TYPE AND METHOD WITH LOCAL ELECTRICAL AND/ OR POOL INSPECTOR.
3. SPECIFIC MANUFACTURER'S INSTRUCTIONS REGARDING BONDING OR GROUNDING OF POOL EQUIPMENT, WHETHER INDICATED HEREIN OR NOT, SHALL BE STRICTLY FOLLOWED.
4. THE COMMON BONDING GRID SHALL NOT BE CONNECTED TO ANY ELECTRICAL DISTRIBUTION EQUIPMENT.
5. ANY PARTS IN ADDITION TO THOSE DESCRIBED HEREIN THAT ARE INDICATED BY POOL CONTRACTOR OR LOCAL INSPECTION AUTHORITY SHALL BE BONDED TO THE COMMON BONDING GRID WITH NO ADDITIONAL COSTS INCURRED BY THE OWNER.
6. THE ELECTRICAL CONTRACTOR SHALL COORDINATE BONDING WITH GENERAL CONTRACTOR.
7. POOL LIGHT NICHE AND POOL LIGHT JUNCTION BOX MUST BE CONNECTED TOGETHER WITH A #8 SOLID COPPER WIRE IN ADDITION TO THEIR CONNECTION TO THE BONDING GRID.

LIGHT DETAIL



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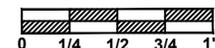
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LEGACY DW

SCALE

N/A



DATE

1/8/2015

DWG TYPE

Light Detail

SHEET

PAGE 8 OF 8

6" Round Hockey Puck Sumpless Suction Outlet Cover, HydroAir/ITT Replacement

VGB Series

Product Specification Sheet

The AquaStar line of suction outlet covers, compliant with the new Virginia Graeme-Baker Pool and Spa Safety Act (ASME/ANSI A112.19.8a-2008)

Features

For single or multiple drain use in gunite, steel, vinyl, fiberglass and tile pools and spas (see installation instructions)

Single

Floor/wall: 224 GPM at 6.3 fps

Floor/wall: 53.6 GPM at 1.5 fps

11.4 square inch opening

No sump required

Trademarked VGB compliance button easily identifies VGB 2008 compliant cover from on deck and underwater

#316 stainless steel screws

Manufactured from superior UV-resistant engineered polymers

All components meet or exceed NSF 50/ASME/ANSI A112.19.8a-2008 national standards and ASTM G154 UV testing exposure

Improved version of HydroAir #30-6011 and 10-6200 main drain cover and AquaStar 4RNDxxx equalizer

Easily and safely retrofits HydroAir/ITT

Use with screw and spacer kit p/n SCW1026 to retrofit Sta-Rite/Pentair 8011

Listed with IAMPO R&T

25 per case

NEW

Ideal for fiberglass and all sumpless configurations.



Now Available! (Sold Separately)

6" Bulkhead Adapter with 2 1/2" Thread and 2" Socket for Fiberglass/Steel, with Gasket and 2 1/2" Locking Nut

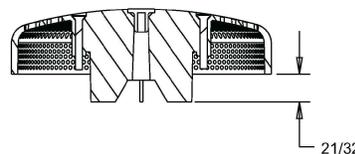
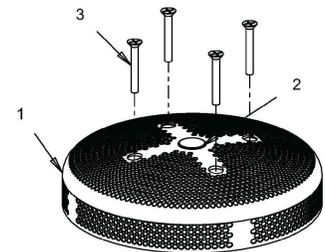
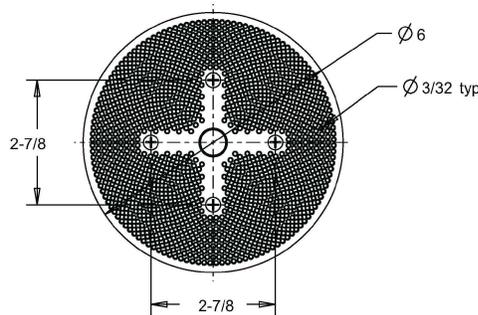
Part # 6HPHAxxx, 6HA25T2oSxxx

Part Numbers / Colors

- 6HPHA101 White
- 6HPHA102 Black
- 6HPHA103 Lt. Gray
- 6HPHA104 Blue
- 6HPHA105 Dk. Gray
- 6HPHA106 Bone
- 6HPHA107 Taupe
- 6HPHA108 Tan

VGB 2008 Compliant

Also available, 6" Bulkhead Adapter with 2 1/2" Thread and 2" Socket for Fiberglass/Steel, with Gasket and Locking Nut – p/n 6HA25T2oSxxx for 6HPHAxxx 25/case.



1. 6" suction outlet cover, HydroAir replacement
2. VGB 2008 "color code" swimming man
3. #8-32 x 1.25" flat head phillips screw, 316 ss, qty 4

P 877-768-2717 F 877-276-POOL Outside the US: P +1-949-459-1202 F +1-949-336-1940
info@aquastarpoolproducts.com www.aquastarpoolproducts.com

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NESPA ENTERPRISES INC.

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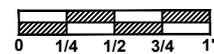


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N/A



DWG TYPE

6 In Main Drain

DWG NAME

MODIFIED CORSICA

DATE

12/16/2014

SHEET

PAGE 1 OF 1



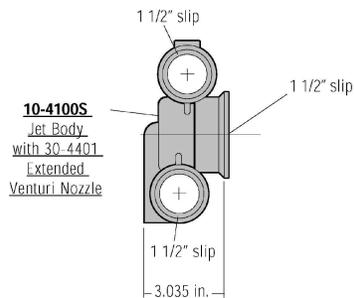
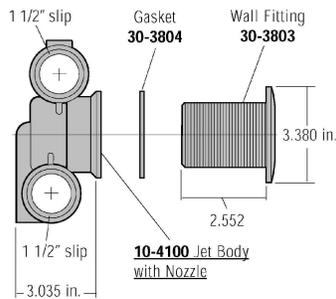
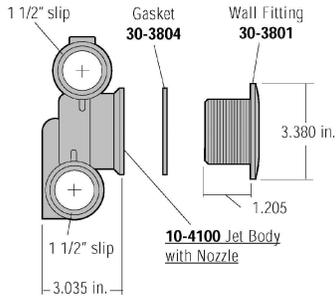
POOL/SPA Products HydroAir

Hydro Jet™ Series Jet Assemblies

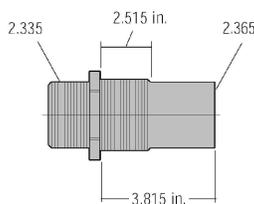
SPECIFICATIONS:

Output : 13 GPM, 12 psi, 3/8" Nozzle
Hole Size: Use 2 3/8" hole saw
Options: Hand Held 16-5303

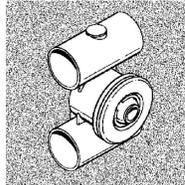
Hydro Jet™ Stacked Jet Assemblies



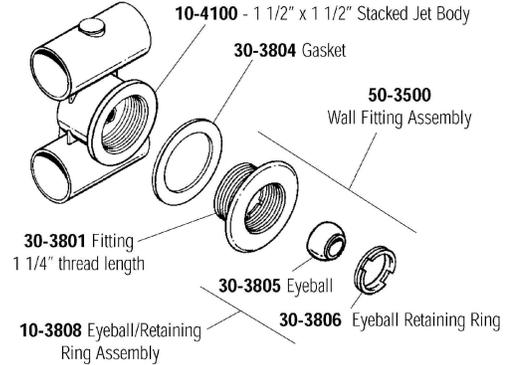
Hydro Jet™ Extension Dimensions



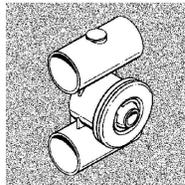
Hydro Jet™ 1 1/4" Fitting Thread Length



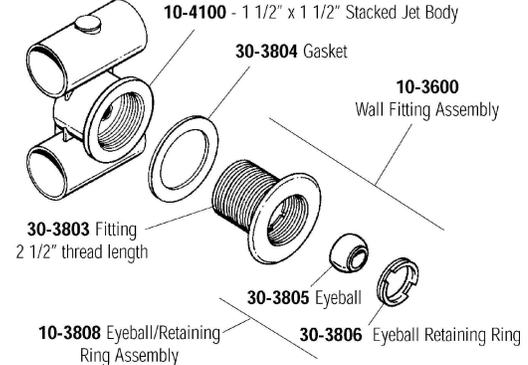
10-5100 includes: 10-4100 Stacked Jet Assembly & 50-3500 Wall Fitting Assembly (40/case, 42 lbs.) *
 * Shipping carton size: 21 - 5/16" x 14 - 5/8" x 14 - 7/8"



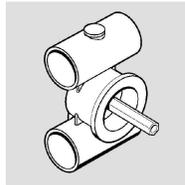
Hydro Jet™ 2 1/2" Fitting Thread Length



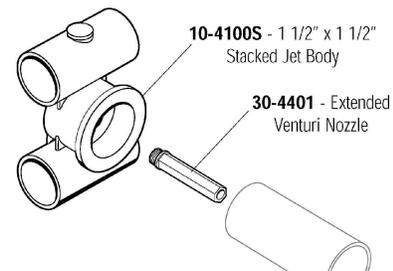
10-5300 includes: 10-4100 Stacked Jet Assembly & 10-3600 Wall Fitting Assembly (30/case, 35 lbs.) *
 * Shipping carton size: 21 - 5/16" x 14 - 5/8" x 14 - 7/8"



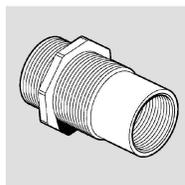
Hydro Jet™ For 1 1/2" PVC Pipe Extension



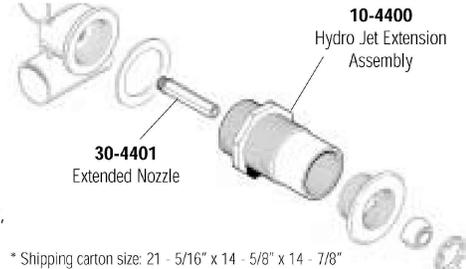
10-4100S includes: 30-4401 Extended Venturi Nozzle (30/case, 35 lbs.) *



Hydro Jet™ Extension - For Gunite / Hot Mop



10-4400 includes: Extension Body, and Extended Nozzle (30-4401) (60/case, 32 lbs.) *



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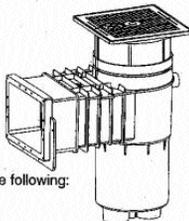
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 DATE: 12/16/2014

DWG TYPE: Hydro Jets
 SHEET: PAGE 1 OF 1



HAYWARD MODEL SP1084 AUTO-SKIM AUTOMATIC SURFACE SKIMMER

IS1084-05
Rev. C



IMPORTANT SAFETY INSTRUCTIONS

When installing and using this equipment basic safety precautions should always be followed, including the following:

Failure to follow instructions may result in injury.

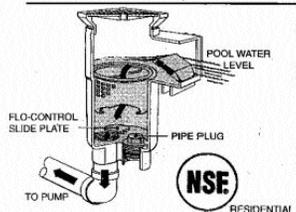
READ AND FOLLOW ALL INSTRUCTIONS

- 1. DANGER—SUCTION ENTRAPMENT HAZARD.** Can cause serious injury or death. Do not use a pool or spa containing suction drain(s) unless associated pump(s) is connected to at least two (2) functioning suction outlets at least three (3) feet apart—see(3) below.
- 2. WARNING—**To reduce risk of injury, do not permit children to use this product unless they are closely supervised at all times.
- 3. WARNING—**A skimmer equipped or provided with an equalizer valve must be installed with an equalizer wall or drain fitting (suction cover) that conforms to the ANSI/ASME Standard A112.19.8M-1987 (R1996) to prevent hair or body entrapment at the skimmer equalizer wall or drain fitting.
- 4. CAUTION—**This surface skimmer is for use with permanently installed pools and may also be used with hot tubs and spas. Do not use with storable pools. A permanently installed pool is constructed in or on the ground or in a building such that it cannot be readily disassembled for storage. A storable pool is constructed so that it is capable of being readily disassembled for storage and reassembled to its original integrity.
- 5. CAUTION—**Never leave the cover off of an in-ground skimmer. Failure to ensure that skimmer cover(s) are securely attached could result in serious bodily injury. Missing, loose or cracked skimmer covers constitute a serious tripping hazard.
- 6. Hayward Automatic Surface Skimmers** must be installed in compliance with National Spa and Pool Institute Standards and in accordance with all applicable local and regional building codes.

SAVE THESE INSTRUCTIONS

INSTALLATION AND OPERATING INSTRUCTIONS

The Auto-Skim is a rugged versatile automatic skimmer for residential or commercial installations. The illustrations below show the standard SP1082; the SP1082GV Skimmer-Main Drain Valve Assembly installed; and the SP1082 with SP1078 Equalizer Valve and SP1082FV Float Valve Assembly (#3). Consult inside pages for specific installation details and dimensions. To obtain the most effective skimming action over the entire pool surface, locate the skimmers relative to the prevailing wind and drift, shape of pool and water circulation pattern. The use of directional inlet fittings will ensure the proper circulation pattern. When two or more skimmers are plumbed into a common suction line, the flow is balanced through the skimmers by adjusting the Flo-Control Slide Plate at each unit.



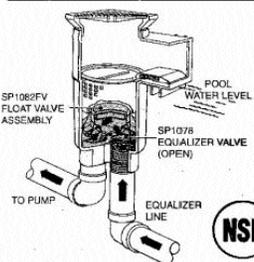
SP1084 STANDARD SKIMMER

A. FLOW ADJUSTMENT—For full flow, move Flo-Control Slide Plate to full open. To adjust flow, move Slide Plate to desired position over pump outlet.

B. TO VACUUM—Shut circulating pump off and remove skimmer cover. Fill vacuum hose with water and insert end of hose onto an SP1106 or SP1107 Skim-Vac (not supplied with skimmer). Place Skim-Vac through skimmer opening and over skimmer basket. Turn circulating pump on and proceed with vacuuming.



RESIDENTIAL



SP1084FVE-SKIMMER WITH EQUALIZER VALVE AND FLOAT VALVE ASSEMBLY

A. EQUALIZER—Model SP1078 Equalizer Valve Assembly installs over front port, and is used in conjunction with the SP1082FV Float Valve Assembly. If water level drops below skimmer opening, or if skimmer flow is obstructed, the float will automatically snap shut and the equalizer valve will open. This diverts all flow to the pump from the equalizer line and prevents airlock in the pump. When the pump is shut off, and the water level condition is corrected, the float will rise and the equalizer valve will close, allowing normal skimming operation when the pump is restarted.

B. TO VACUUM—Select one convenient skimmer and remove cover. Fill vacuum hose with water and insert onto SP1106 or SP1107 Skim-Vac (not supplied with skimmer) over basket vacuum plate (not supplied with skimmer). Place Skim-Vac through skimmer opening and over skimmer basket. Turn circulating pump on and proceed with vacuuming. Throttle down flow from other skimmer(s) until desired suction is obtained through vacuum hose.



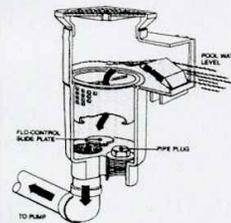
RESIDENTIAL AND COMMERCIAL



IS1084-00

HAYWARD MODEL SP1084 AUTO-SKIM AUTOMATIC SURFACE SKIMMER INSTALLATION AND OPERATING INSTRUCTIONS

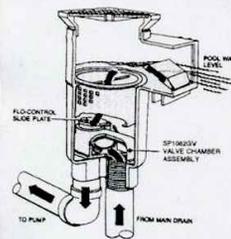
The Auto-Skim is a rugged, versatile automatic skimmer for residential or commercial installations. The illustrations below show the standard SP1084 (#1); the SP1082GV Skimmer-Main Drain Valve Assembly installed (#2); and the SP1084 with SP1078 Equalizer Valve and SP1082FV Float Valve Assembly (#3). Consult inside pages for specific installation details and dimensions.



1. BASIC UNIT

A. FLOW ADJUSTMENT—For full flow, move Flo-Control Slide Plate to full open. To adjust flow, move Slide Plate to desired position over pump outlet.

B. TO VACUUM—Remove cover and basket. Screw hose adapter into pump outlet. Fill vacuum hose with water and insert over hose adapter. Or use optional Skim-Vac over basket vacuum plate.



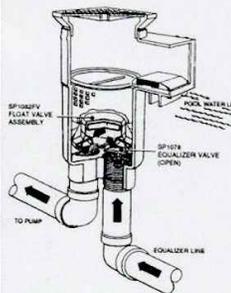
2. SKIMMER WITH MAIN DRAIN CONNECTION

A. FULL SKIM—Place Valve Lever in straight-up position. Open Slide Plate.

C. 1/2 SKIM - 1/2 MAIN DRAIN—Place Valve Lever at 45° (half-down). Open Slide Plate 1/2.

B. FULL MAIN DRAIN (SWEEP)—Place Valve Lever down. Close Slide Plate.

D. TO VACUUM—Remove cover and basket. Place Valve Lever straight up. Fill vacuum hose with water, and insert into opening in Valve Chamber. Or use optional Skim-Vac over basket vacuum plate.



3. SP1084FVE-SKIMMER WITH EQUALIZER VALVE AND FLOAT VALVE ASSEMBLY

A. EQUALIZER—Model SP1078 Equalizer Check Valve Assembly installs over front port, and is used in conjunction with the SP1082FV Float Valve Assembly. If water level drops below skimmer opening, or if skimmer flow is obstructed, the float will automatically snap shut and the equalizer valve will open. This diverts all flow to the pump from the equalizer line and prevents airlock in the pump. When the pump is shut off, and the water level condition is corrected, the float will rise and the equalizer valve will close, allowing normal skimming operation when the pump is restarted.

B. TO VACUUM—Select one convenient skimmer and remove cover, basket and float valve assembly. Screw hose adapter into pump outlet. Fill vacuum hose with water and insert over hose adapter. Throttle down flow from other skimmer(s) until desired suction is obtained through vacuum.



NOTE: When two or more skimmers are plumbed into a common suction line, the flow is balanced through the skimmers by adjusting the Flo-Control Slide Plate at each unit.

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ALL DIMENSIONS SUBJECT TO 1/4" TOLERANCES

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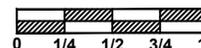
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DWG TYPE

Skimmer

DWG NAME

Modified Corsica and Legacy DW

DATE

12/16/2014

SHEET

PAGE 1 OF 1

VGB Series

The AquaStar line of suction outlet covers, compliant with the Virginia Graeme-Baker Pool and Spa Safety Act (ANSI/APSP 16-2011 and NSF/ANSI 50-2009a)

Features

For single or multiple drain use (see installation instructions)

Single – 3" sump depth:
Floor/wall: 361 GPM at 1.3 fps
Floor/wall: 283 GPM at 1.0 fps

90.8 square inch opening

Easily and safely retrofits most brands' existing 12" square 3/4" deep frames*

Additional sump versions also available

Trademarked VGB compliance button easily identifies VGB 2008 compliant cover from on deck and underwater

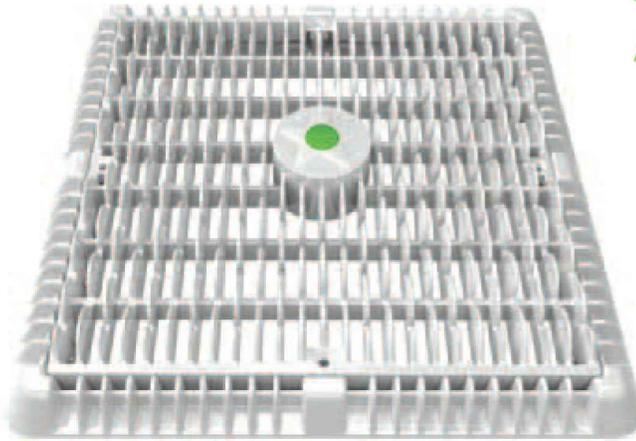
#316 stainless steel screws

Manufactured from superior UV-resistant engineered polymers

All components (cover, sump, screws) meet or exceed ANSI/APSP 16-2011 and NSF/ANSI 50-2009a national standards and ASTM G154 UV testing exposure

Replace every five years from the date of installation

8 per case

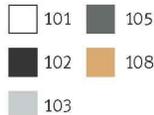


U.S. patents D623727 and D663388

Part # WAV12WRxxx

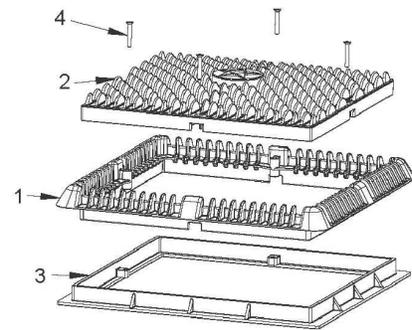
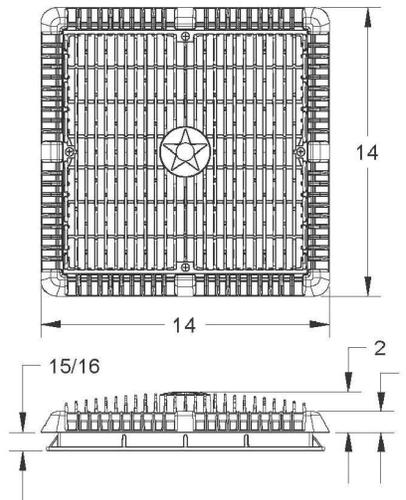
*Fits: AquaStar (all standard 12" square), Pentair (#1 selling) with 3/4" deep existing frames and four screw hole pattern

STANDARD COLORS



12" Square Vented Riser Ring also sold separately p/n 12RRxxx

VGB 2008 Compliant



1. 12" vented riser ring
2. 12" square "wave" suction outlet
3. 12" square drain frame
4. #10 x 1-3/4" flat head Phillips type-a screw, 316 ss, qty 4

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877-768-2727 F877-276-POOL Outside the US: P +1-805-620-5060 F +1-949-336-1940
info@aquastarpoolproducts.com www.aquastarpoolproducts.com

★★ PROUDLY MADE
★★ IN THE USA

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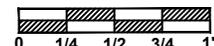


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DWG TYPE

12 In Main Drain

DWG NAME

LEGACY DW

DATE

12/16/2014

SHEET

PAGE 1 OF 1



AquaLight™ and SpaBrite™

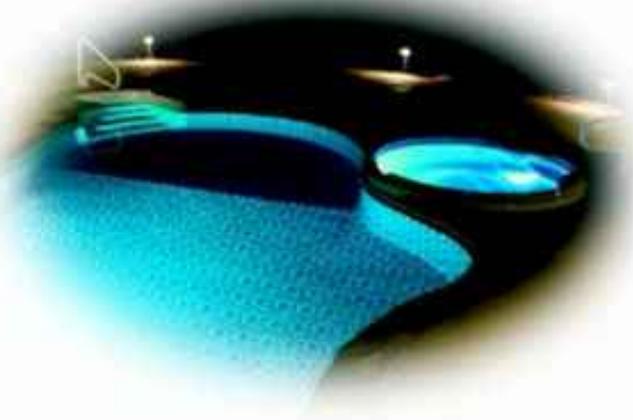
Compact Pool and Spa Lights

High intensity compact lights from the world leader in pool and spa lighting

AquaLight and SpaBrite lights are compact units especially designed to provide big lighting performance for smaller pools and spas. Whether you choose the halogen quartz AquaLight or the incandescent SpaBrite, your pool or spa will shine brilliantly when the sun goes down. Both lights feature high quality stainless steel housings and face rings for durability. Tempered glass lenses provide optimum light diffusion. Each light comes complete with red and blue snap-on lens covers.

Standard features include:

- Prismatic tempered glass lens for optimum light diffusion.
- Optional blue, magenta, green, purple, and blue-green mood-setting snap-on lenses.
- Heat-sensing cut-off device for low water protection.
- AquaLight available with halogen quartz lamps from 75 watts to 250 watts. SpaBrite features 100 watt incandescent lamp.
- Corrosion resistant stainless steel housing and face rings are strong and durable.
- Plastic snap-on face rings available to coordinate with your pool finish.
- Easy service stainless steel clamp for quick and easy bulb replacement.
- Three-year warranty. See warranty for details.



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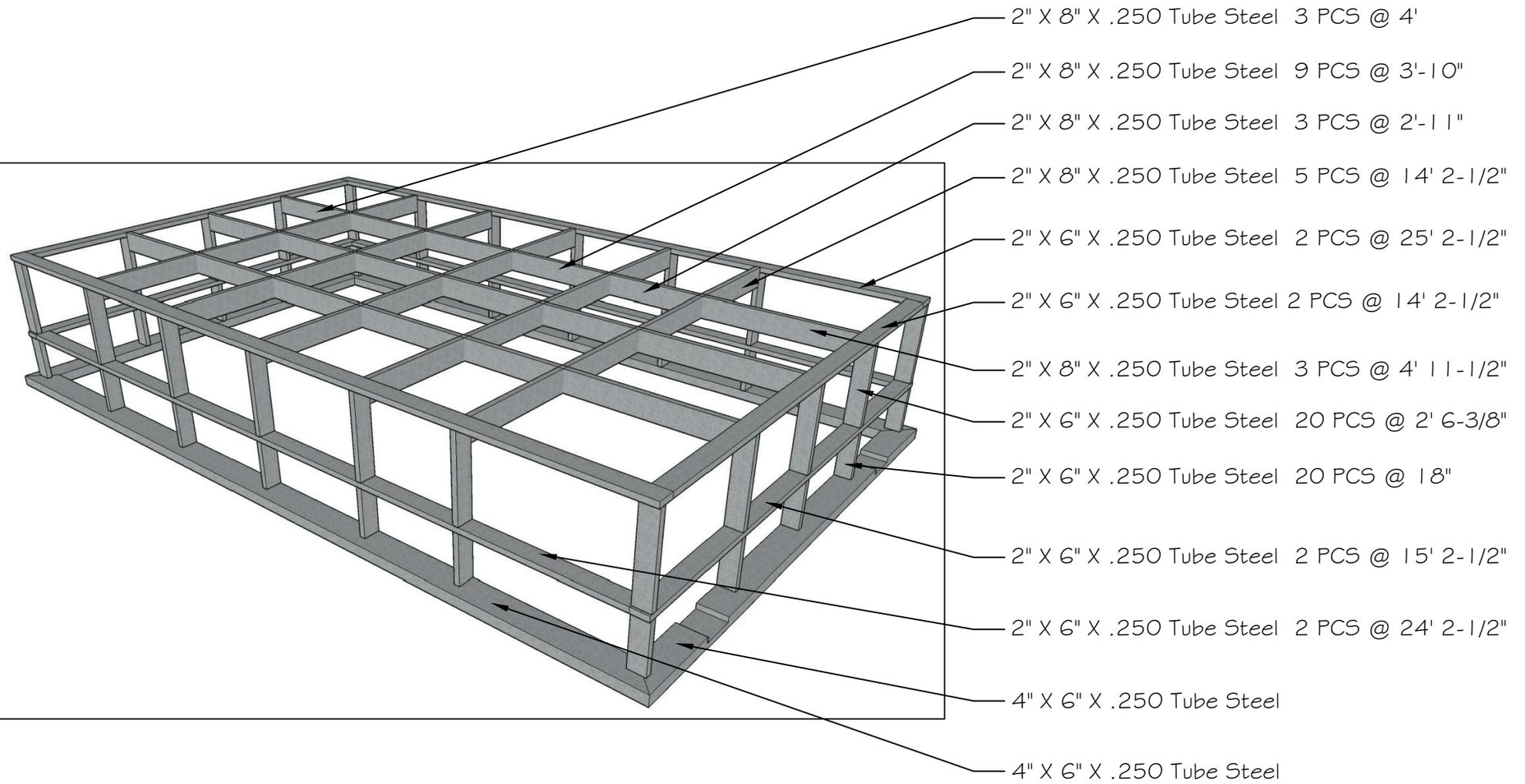


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SCALE: N/A
DATE: 12/16/2014

DWG TYPE: Spa And Pool Light
SHEET: PAGE 1 OF 1

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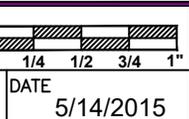
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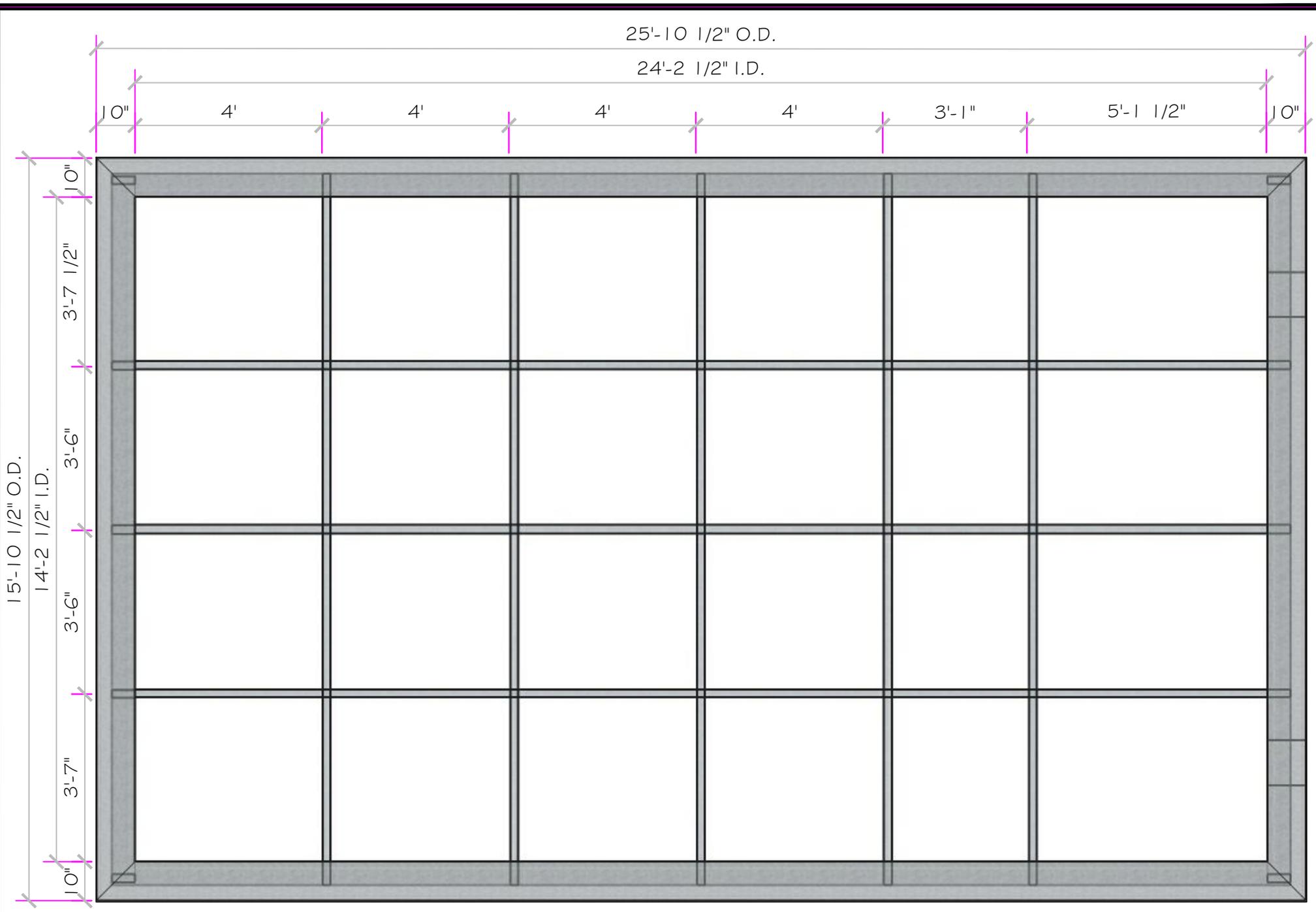


DWG TYPE
Steel Detail

SHEET
PAGE 1 OF 4

DWG NAME
LEGACY DW

DATE
5/14/2015



15'-10 1/2" O.D.
14'-2 1/2" I.D.

25'-10 1/2" O.D.

24'-2 1/2" I.D.

10" 4' 4' 4' 4' 3'-1" 5'-1 1/2" 10"

10"
3'-7 1/2"
3'-6"
3'-6"
3'-7"

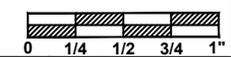
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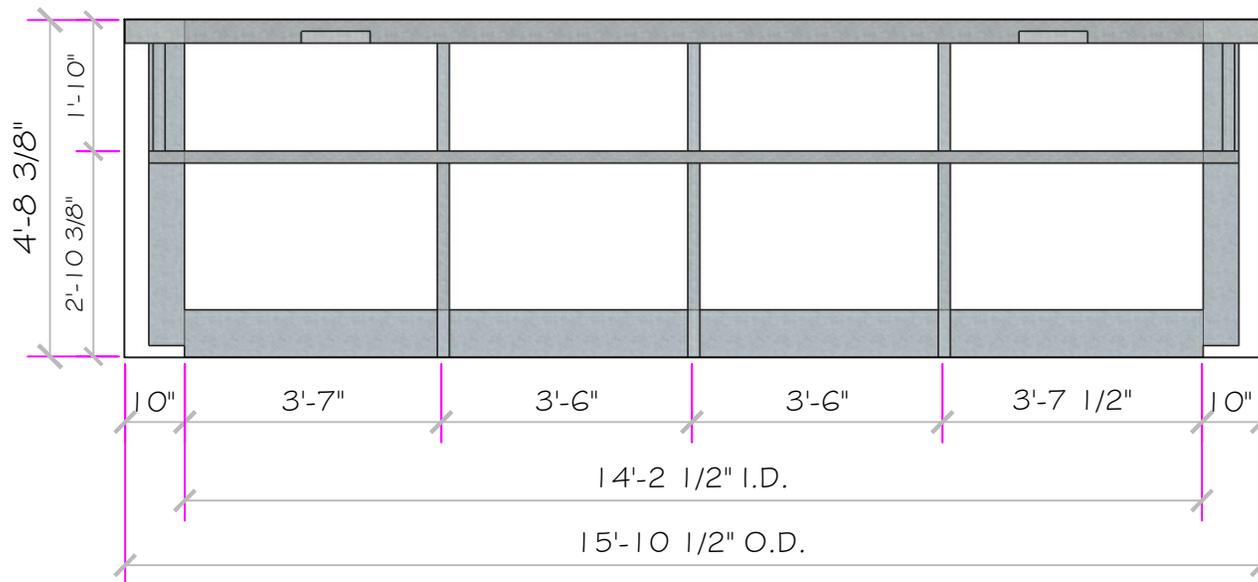
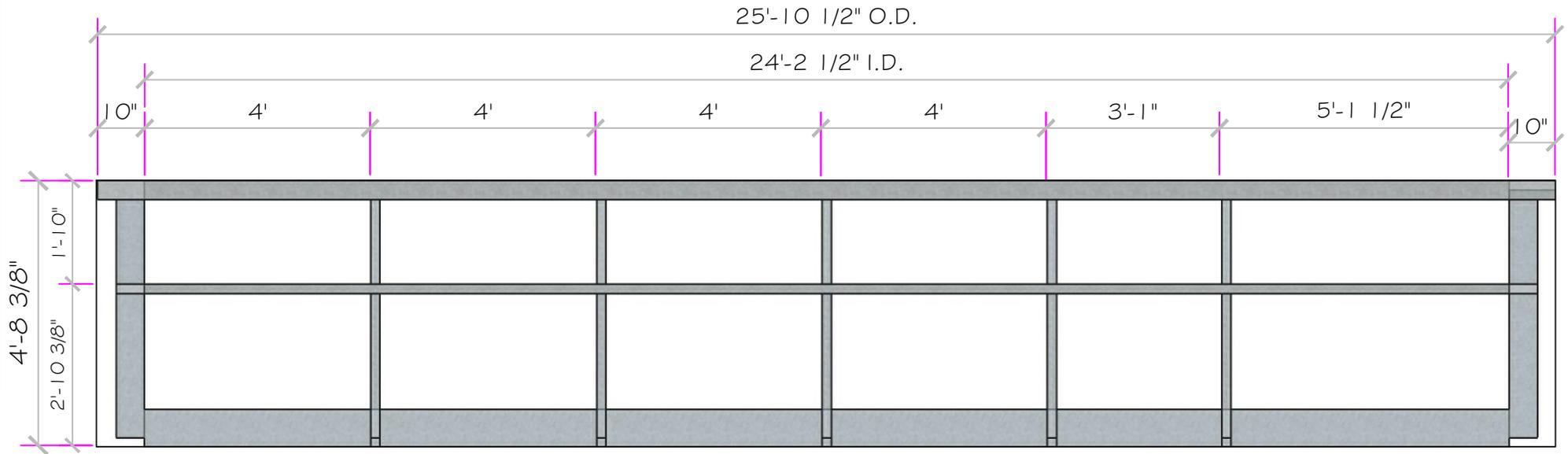
SCALE
3/8" = 1'



DWG NAME
LEGACY DW

DATE
5/13/2015

DWG TYPE
Steel Detail (2)
SHEET
PAGE 2 OF 4



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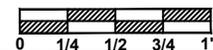
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DWG NAME

LEGACY DW

DATE

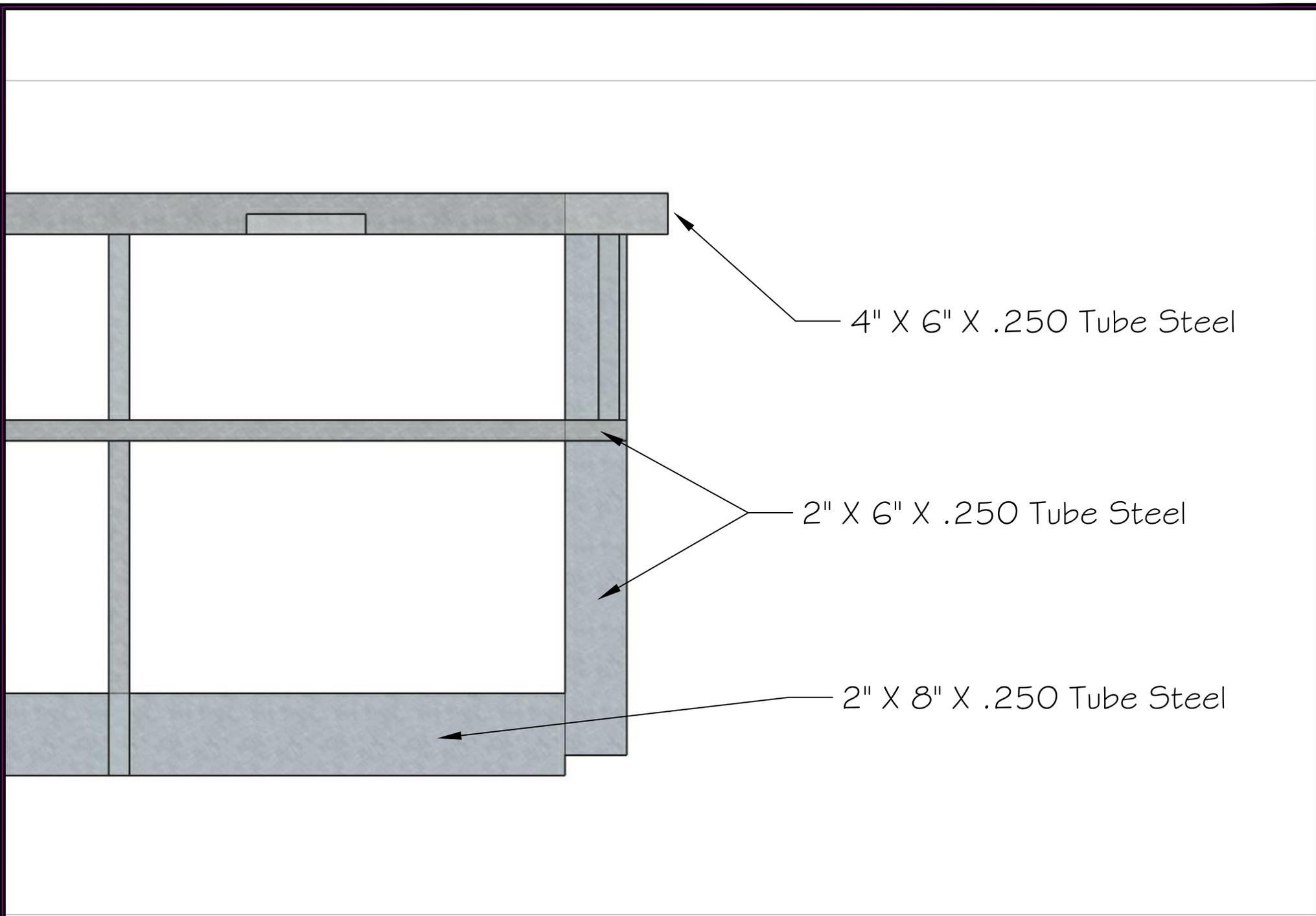
5/14/2015

DWG TYPE

Steel Detail (3)

SHEET

PAGE 3 OF 4



4" X 6" X .250 Tube Steel

2" X 6" X .250 Tube Steel

2" X 8" X .250 Tube Steel

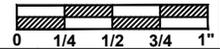
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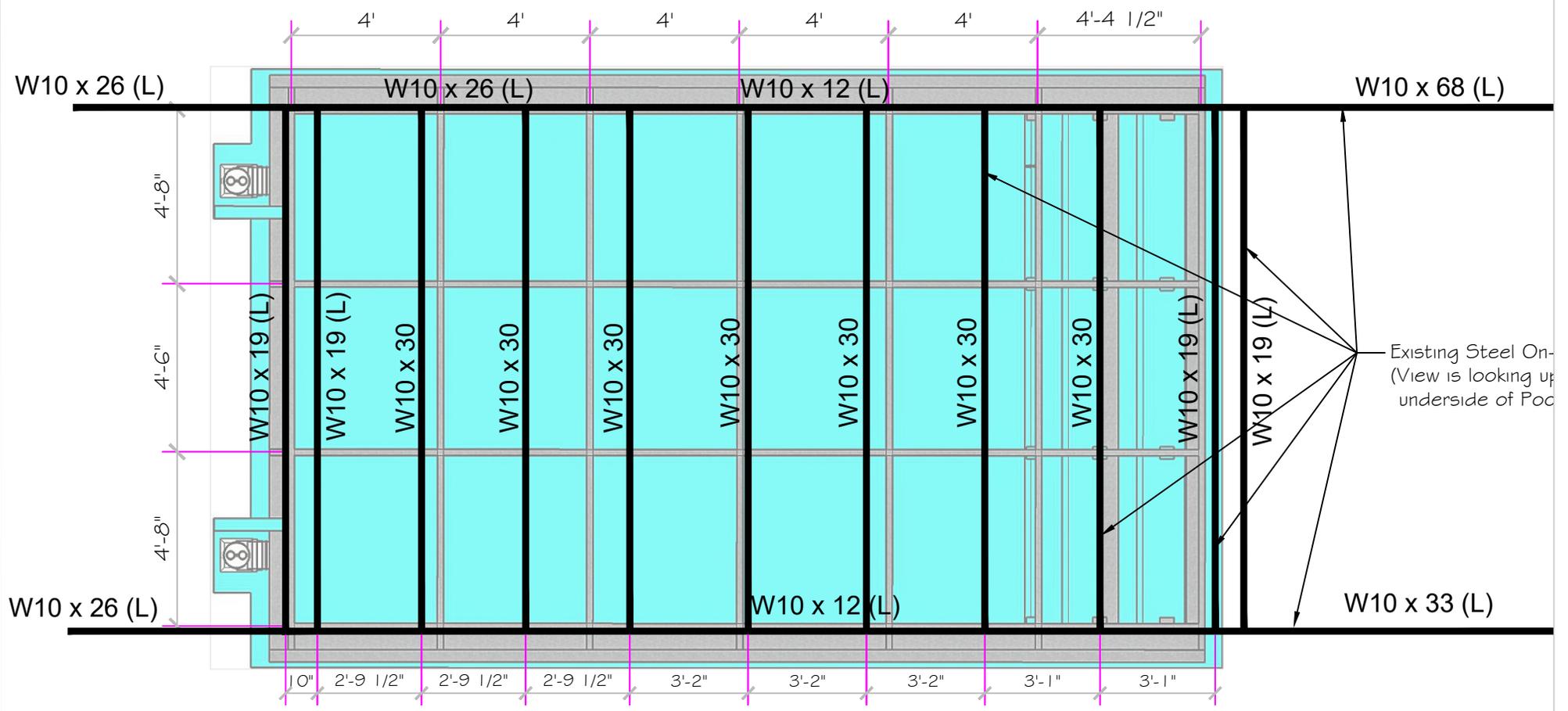
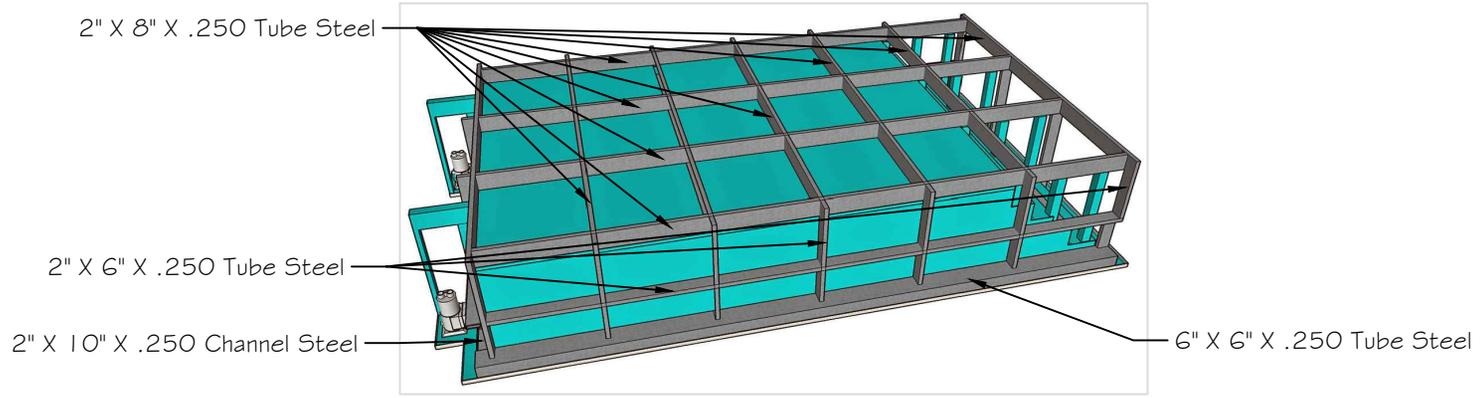


DWG TYPE
 Steel Detail (4)

DWG NAME
 LEGACY DW

DATE
 5/14/2015

SHEET
 PAGE 4 OF 4



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SCALE
 1/4" = 1'
 DWG NAME
 LEGACY DW

DATE
 3/17/2015

DWG TYPE
 Steel Details
 SHEET
 PAGE 1 OF 1

1/2"

1'-8"

3'-2"

NO DIVING

3'-10"

3'-10"

3'-3"

4 FT - 0 IN

5" 11" 5"

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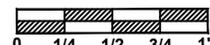
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If printing as a PDF:

Page Scaling: None

SCALE
3/4" = 1'

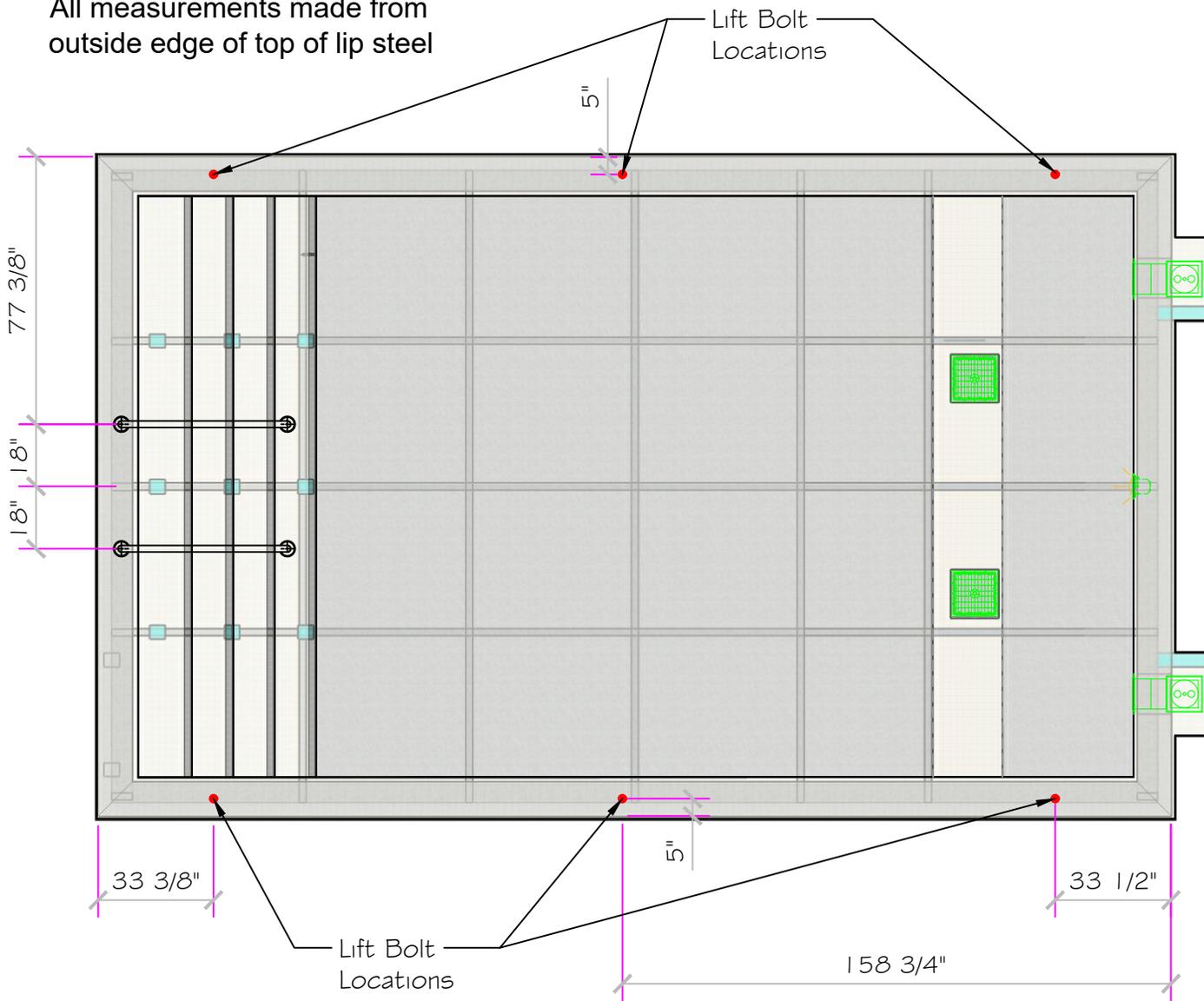


DWG TYPE
Drain Placement
SHEET
PAGE 1 OF 1

DWG NAME
LEGACY DW

DATE
5/12/2015

All measurements made from outside edge of top of lip steel



Lift Bolt Locations

Lift Bolt Locations

SPA Total Weight
= 16,000 LBS

Dimensions: Pool 16' Wide x 27' Long x 4'-9" Tall
Dry Weight: Pool 16,000 lbs.
Rigging Weight: TBD by others

There will be six lifting points on top of the lip of pool. Three on either side.

Manufacturer will supply 6 inch and 1.25 x 7 threaded grade 8 alloy steel lifting eye bolts that will thread into the design lifting points. Typical lifting capacity is 20,000 pounds any straight pull.

Is recommended to use (3) 15 foot long x 10 ton capacity spreader beams across the unit to the lifting eyes using two (2) 6.5 ton shackles and one (1) 5/8" x 3' long steel chokers at each eyebolt in a straight pull to the underside of the spreader beam.

Connect a 20'x20 ton capacity lifting beam perpendicular to the three 15' spreader beams using (6) 5/8" x 10' steel chokers and twelve (12) 6.5 ton shackles.

The 20' x 20 ton spreader beam will be connected to the Crane book using two 1" x 20' long steel chokers connected to the beam with two (2) 12 ton shackles.

Total weight of the four beams and rigging will be approximately 3600 pounds.

**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.**

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IN-GROUND

INSTALLATION

ALL DIMENSIONS SUBJECT TO 1/4" TOLERANCES

SCALE: 1/2" = 1'-0"

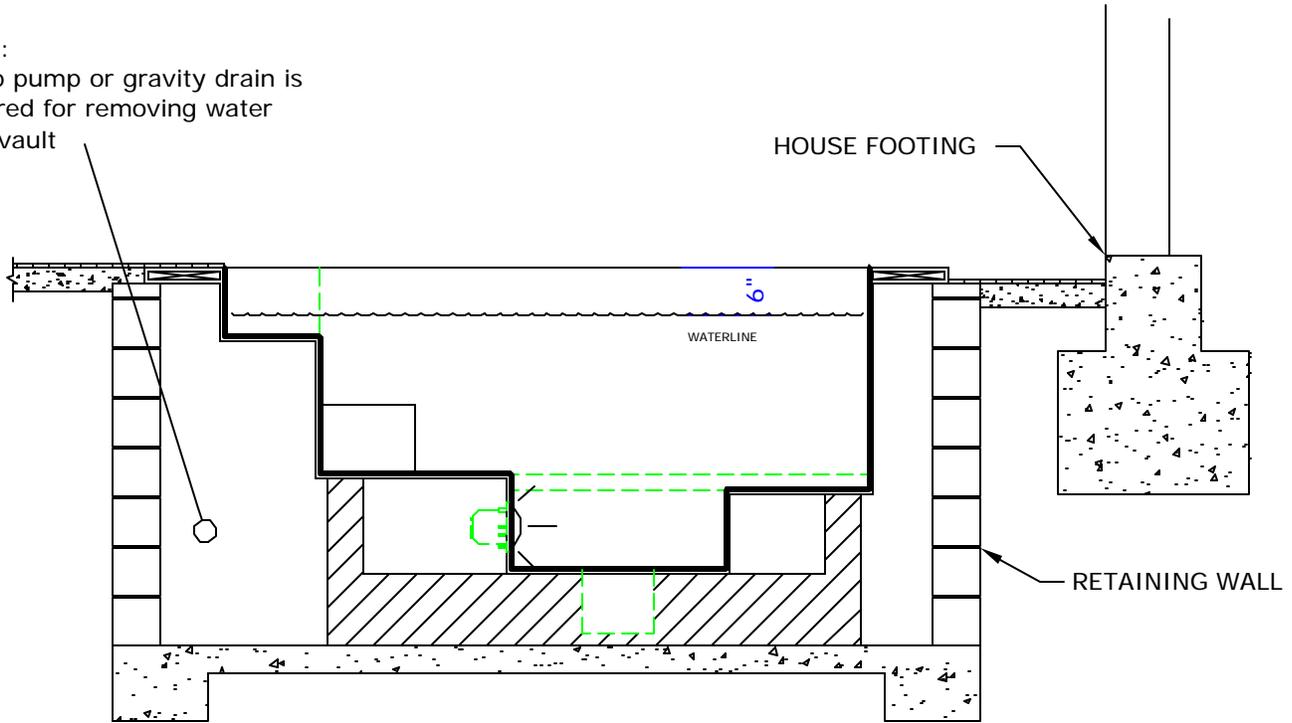
DATE: 3/27/02

JOB : STANDARD INSTALL

DW #: SI-1, SI-2

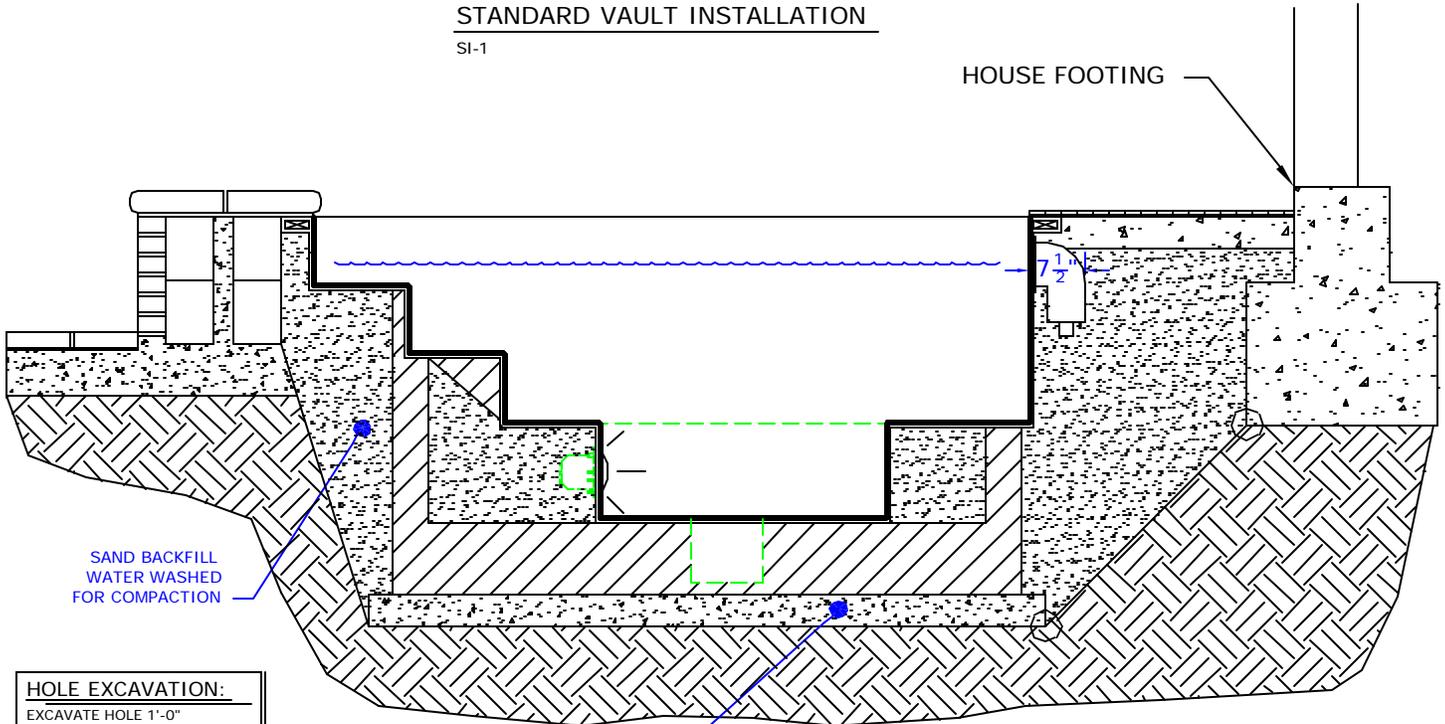
NOTE:

Sump pump or gravity drain is required for removing water from vault



STANDARD VAULT INSTALLATION

SI-1



HOLE EXCAVATION:

EXCAVATE HOLE 1'-0" LARGER THAN THE OUTSIDE DIAMETER (OD) OF SPA

4" CONCRETE SLAB REINFORCED WITH #10 MESH

STANDARD INGROUND INSTALLATION

SI-2

NOTE:

Footing can not surcharge spa. Slope from bottom of slab to nearest corner of house footing must not exceed 1" = 1".

NESPA ENTERPRISES, Inc. LIMITED WARRANTY

This LIMITED WARRANTY covering NESPA products is extended to the ORIGINAL PURCHASER-USER BY NESPA ENTERPRISES Inc.(NESPA), 2800 Richter Ave. Unit C California 95966.

NESPA products are thoroughly inspected and tested prior to factory shipment. NESPA warrants to the ORIGINAL PURCHASER-USER that NESPA Spas and Swim Spas will be free of defect in workmanship, accessories and parts, provided said accessories and parts were manufactured by NESPA. NESPA, under this LIMITED WARRANTY, warrants only that its Spas and Swim Spas shall be structurally sound, shall retain their shape, and shall retain water for the warranty period. NESPA warrants the adhesion of tile to fiberglass for a period of three (3) years and structural soundness for ten (10) years. NESPA warrants epoxy grout adhesion for a period of three years. If any such defects appear and are reported within the warranty period, NESPA shall repair or replace such defective parts without charge if an inspection proves the claim.

The provisions of the LIMITED WARRANTY shall not apply to tile cracked, split, chipped or damaged after the product has left the factory, nor damage to tile caused by freezing nor to damage, defect, malfunction or failure to conform with the above warranty provisions where the damage, defect, malfunction or failure to conform was caused during shipment or by distributor or by unreasonable use by ORIGINAL PURCHASER-USER including improper water balance and improper sand pack or support.

This LIMITED WARRANTY shall not apply to any plumbing, equipment, or installation of spas and Swim Spas and shall not apply to any alterations made to or upon NESPA products except alterations made by NESPA employees or NESPA authorized representatives.

This LIMITED WARRANTY is expressly in lieu of all other warranties expressed or implied including the warranties of merchantability and fitness for use and all other obligations or liabilities on NESPA'S part, and NESPA neither assumes nor authorizes any other person to assume for NESPA any other liability in connection with the sale of this NESPA product. This LIMITED WARRANTY shall not apply to this NESPA product or any part thereof which has been subject to accident, negligence, alteration, abuse or misuse. NESPA makes no warranty whatsoever with respect to accessories or parts not manufactured by NESPA.

The term "ORIGINAL PURCHASER-USER" as used in this LIMITED WARRANTY shall be deemed to mean that person for whom the NESPA product is originally installed.

The LIMITED WARRANTY provided herein and the obligations and liabilities of NESPA hereunder are exclusive and are in lieu of, and buyer and original PURCHASE-USER hereby waive all other remedies, warranties, guarantees or liabilities, expressed or implied, arising by law or otherwise (including without limitation and obligations of NESPA with respect to fitness, merchantability, and consequential damages) or whether or not occasioned by NESPA'S negligence.

This LIMITED WARRANTY shall not be extended, altered or varied except by a written instrument signed by NESPA and original PURCHASER-USER.