

4/26/2013 3:29:33 PM

All drawing dimensions supplied by NESPA ENTERPRISES INC. are for reference only. All CAD files were created using AutoCAD file (*dwg.) and were provided as a service to our customers using AutoCAD. Errors sometimes occur during this process and with software incompatibility upon opening a file. NESPA ENTERPRISES INC. and/or any authorized distributor of our products will not be held responsible for problems arising from files which have been converted and does not warranty the documents against deficiencies or typographical errors of any kind. We recommend that all measurements are verified with actual physical product before any custom fabrication in the field occurs.

PRELIMINARY ALL DIMENSIONS SUBJECT TO 1/4" TOLERANCES

These drawings, concepts, and details contained herein are the original proprietary designs of NESPA ENTERPRISES INC., developed over many years of experience in the industry and as such are protected by the copyright laws of the United States Government. Reproduction of any of the above without written permission to do so by NESPA ENTERPRISES INC., is illegal.

NESPA ENTERPRISES INC.

2800 Richter Ave. Ste. C Oroville, CA 95966 Office: (530) 534-9910 Fax: (530) 534-9915

E-Mail: jim@tiledspas.com Web Site: www.tiledspas.com

If printing as a PDF: Page Scaling: None DWG NAME

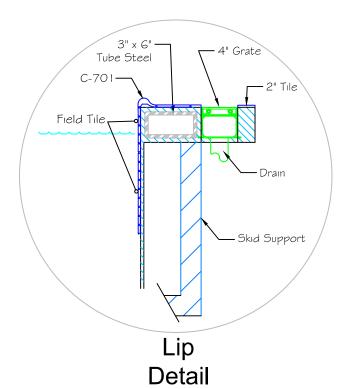
SCALE 3/8" = 1'

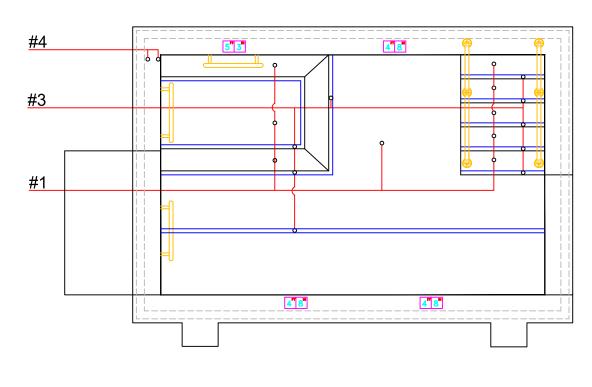
CASA GRANDE

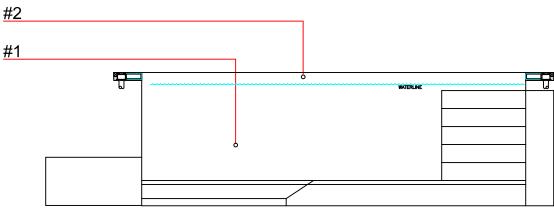
1/2 3/4 1/4 DATE 4/26/2013

DWG TYPE SD SHEET **PAGE 1 OF 14**

Dal Tile D617 Arctic White 2" X 2" #1 - FIELD TILE: Dal Tile D023 Galaxy 2" X 2" #2 - WATERLINE (optional): #3 - BENCH & STEP EDGES Dal Tile D023 Galaxy 2" X 2" (optional): Dal Tile D617 Arctic White 2" X 2" #4 - TILED LIP (optional): Dal Coping Tile - DK617 - C701 - 1X2 Date: ______ Approval: ______ #1 - GROUT: ______ #2 - GROUT: ______ #3 - GROUT: ______







4/26/2013 3:29:34 PM

PRELIMINAR

ALL DIMENSIONS SUBJECT TO 1/4" TOLERANCES

These drawings, concepts, and details contained herein are the NESPA ENTERPRISES INC. original proprietary designs of NESPA ENTERPRISES INC. such are protected by the copyright laws of the United States Government. Reproduction of any of the above without written permission to do so by NESPA ENTERPRISES INC., is illegal

developed over many years of experience in the industry and as 2800 Richter Ave. Ste. C Oroville, CA 95966

Office: (530) 534-9910 Fax: (530) 534-9915 E-Mail: jim@tiledspas.com Web Site: www.tiledspas.com



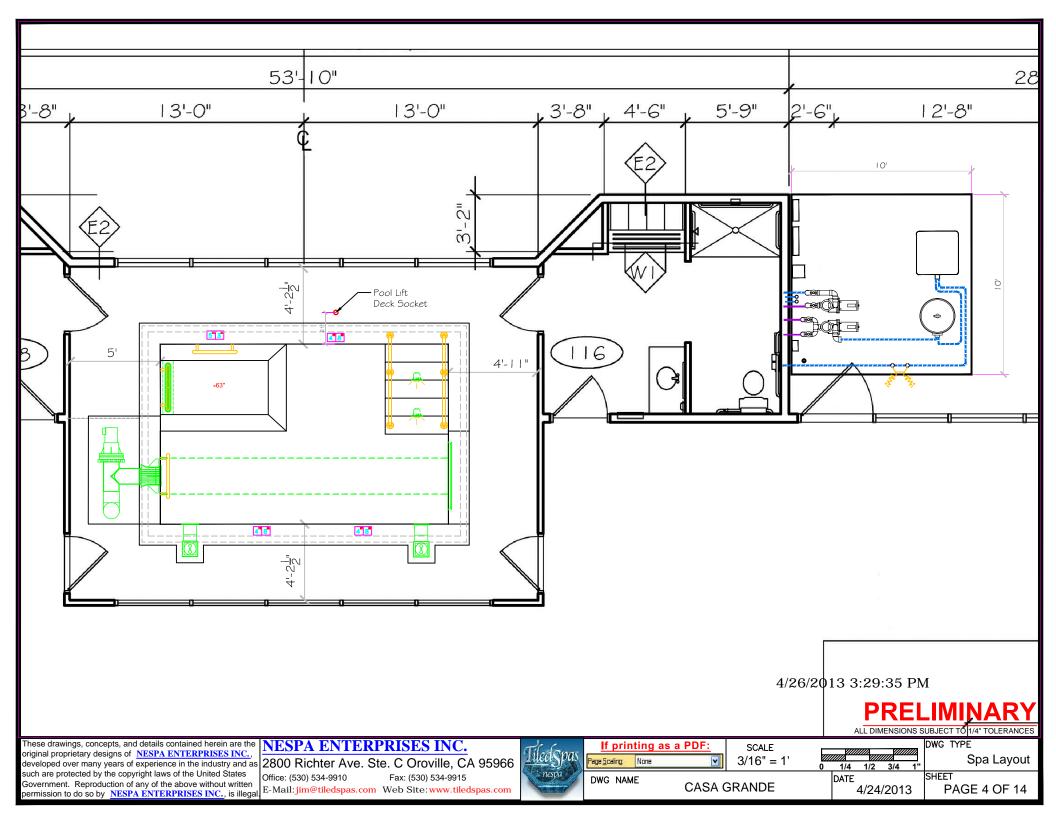
If printing as a PDF: Page Scaling: None

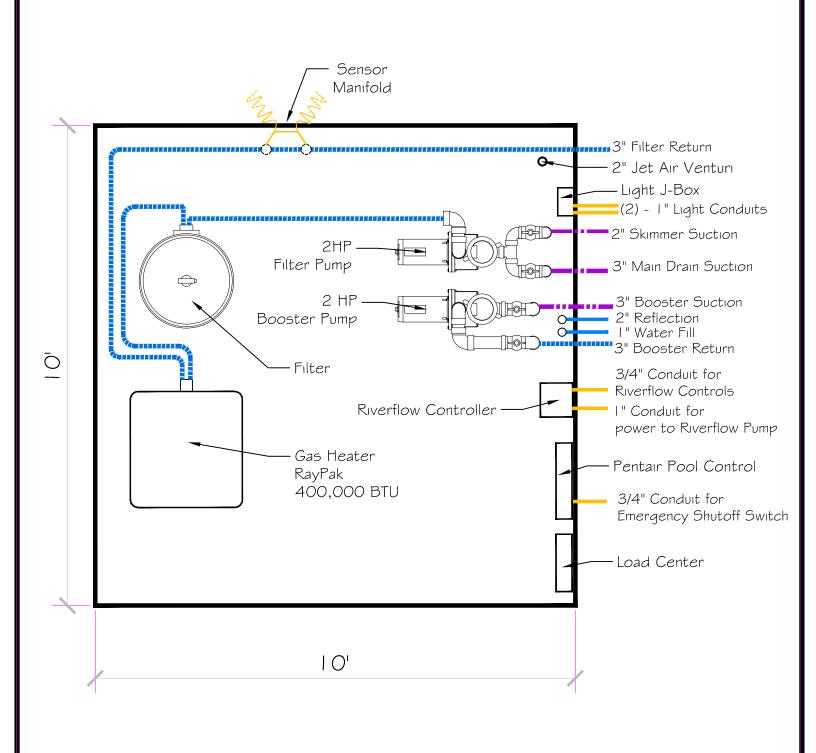
SCALE 1/4" = 1" 1/4 1/2 3/4

DWG TYPE SPA Tile

CASA GRANDE

DATE 4/26/2013 SHEET PAGE 3 OF 14





4/26/2013 3:29

SUBJECT TO 1/4" TOLERANCES
DWG TYPE

NESPA ENTERPRISES INC.

2800 Richter Ave. Suite C Oroville, CA 95966 Fax: (530) 534-9915 Office: (530) 534-9910

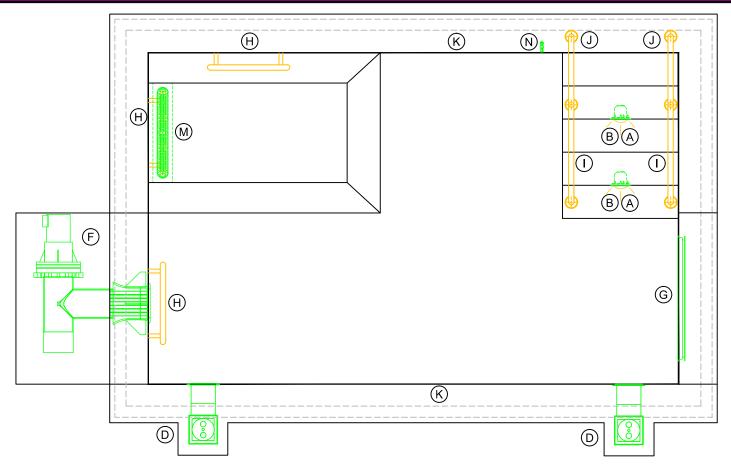


SCALE 1/2" = 1'

4/24/2013

EQ Room PAGE 5 OF 14

E-Mail: jim@tiledspas.com Web Site: www.tiledspas.com These drawings, concepts, and details contained herein are the original proprietary designs of are protected by the copyright laws of the United States Government. Reproduction of any of the above without written permission to do so by NESPA ENTERPRISES INC., is illegal.



| ITEM | DESCRIPTION | MANUFACTURER | CATALOG NO. | QTY. |
|------|---|-----------------|---------------|------|
| Α | LIGHT NICHE (FOR UNDERWATER LIGHT) W/ 1" HUB | PENTAIR | 782423 | 2 |
| В | SPA BRIGHT UNDERWATER LIGHT, 120 VOLT, 100 WATT, 50' CORD, U.L. APPROVED | PENTAIR | 78108100 | 2 |
| С | LIGHT J-BOX | PENTAIR | 78310700 | 1 |
| D | SURFACE SKIMMER W/ EQUALIZER, NSF APPROVED | HAYWARD | SP-1084 FVE | 1 |
| F | RIVERFLOW SWIM JET | RIVERFLOW | - | 1 |
| G | WALL SUCTION GRATE 44" X 22" | RIVERFLOW | - | 1 |
| Н | GRAB RAIL, PVC, 28" LENGTH, W/ .065 TUBING WALL THICKNESS | CUSTOM | - | 3 |
| ı | HAND RAIL, PVC, 5' 0" LENGTH, W/ .065 TUBING WALL THICKNESS | CUSTOM | - | 2 |
| J | Perma Cast Big Boy Socket 6 inch | Perma Cast | PS-6019-BC | 6 |
| к | 4" Wide Deck Drain and Grate | Lawson Aquatics | DTD - 04 - SR | 1 |
| М | AquaStar 32CDFLFR, 32" Channel Drain, Approved Max Flow Rate: Floor = 236 GPM @ 3.4 fps Wall = 136 GPM @ 1.9 fps V.G.B Approved Safety Drain | AQUASTAR | 32CDFLFR | 1 |

| ITEM | DESCRIPTION | MANUFACTURER | CATALOG NO. | QTY. |
|------|---|--------------|--------------------|------|
| N | POOL BOND PB-2008 Complies w/ National Electrical Code 680.26 (C) | Perma-Cast | PB-2008 | 1 |
| 0 | CARTRIDGE FILTER 420 SQ. FT. CLEAN & CLEAR PLUS SERIES | PENTAIR | CCP420 | 1 |
| Р | SELFPRIMING PUMP AND MOTOR, 143 GPM @ 60 FT. HEAD, 3 HP, 230 VOLT, 20 AMP 1 PHASE, 2" DISCHARGE UNIT WITH PUMP STRAINER | PENTAIR | WFE-12 | 1 |
| Q | SELFPRIMING PUMP AND MOTOR, 60 GPM @ 60 FT, HEAD, 3/4 HP, 230 VOLT, 20 AMP 1 PHASE, 2" DISCHARGE UNIT WITH PUMP STRAINER | PENTAIR | WFE-3 | 1 |
| R | NATURAL GAS HEATER W/ POWER ASSISTED VENTILATION, 400,000 BTU | PENTAIR | PowerMax 400K | 1 |
| V | AUTOMATIC CHLORINE / BROMINE FEEDER | PENTAIR | RAINBOW 320 | 1 |
| Т | Blue White Flow Meter, 2in Pvc Flowmeter 15-70 gpm | BLUE WHITE | F-300 | 1 |
| x | CONTROLS SYSTEM, POWER CENTER W/ CIRCUIT BREAKER, DUAL TIME CLOCKS, REMOTE EMERGENCY SHUT OFF SWITCH AND JET ACTIVATION BUTTON (LOCATED ADJACENT TO SPA) | PENTAIR | LX802 4 /26 | 5/20 |

13 3:29:37 PM

PRELIMINARY

ALL DIMENSIONS SUBJECT TO 1/4" TOLERANCES

These drawings, concepts, and details contained herein are the NESPA ENTERPRISES INC. original proprietary designs of NESPA ENTERPRISES INC. such are protected by the copyright laws of the United States Government. Reproduction of any of the above without written permission to do so by NESPA ENTERPRISES INC., is illegal.

developed over many years of experience in the industry and as 2800 Richter Ave. Ste. C Oroville, CA 95966

Office: (530) 534-9910 Fax: (530) 534-9915 E-Mail:jim@tiledspas.com Web Site:www.tiledspas.com



If printing as a PDF: Page Scaling: None

SCALE N/A

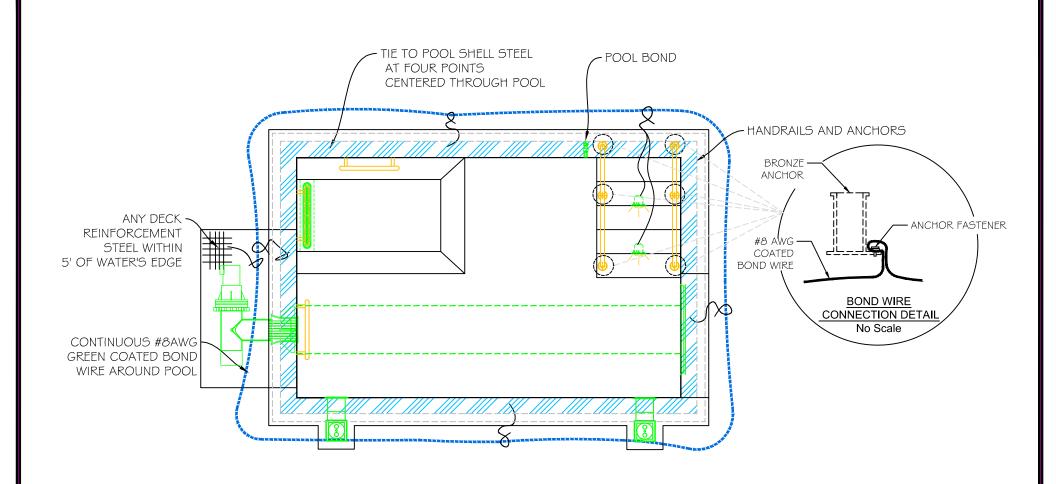
1/4 1/2 3/4 DATE

DWG TYPE Spa Equipment

DWG NAME **CASA GRANDE**

4/24/2013

SHEET PAGE 6 OF 14



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

4/26/2013 3:29:38 PM

All drawing dimensions supplied by NESPA ENTERPRISES INC. are for reference only. All CAD files were created using AutoCAD file (*dwg.) and were provided as a service to our customers using AutoCAD. Errors sometimes occur during this process and with software incompatibility upon opening a file. NESPA ENTERPRISES INC, and/or any authorized distributor of our products will not be held responsible for problems arising from files which have been converted and does not warranty the documents against deficiencies or typographical errors of any kind. We recommend that all measurements are verified with actual physical product before any custom fabrication in the field occurs.

ALL DIMENSIONS SUBJECT TO 1/4" TOLERANCES

These drawings, concepts, and details contained herein are the original proprietary designs of NESPA ENTERPRISES INC. developed over many years of experience in the industry and as such are protected by the copyright laws of the United States Government. Reproduction of any of the above without written permission to do so by NESPA ENTERPRISES INC., is illegal

NESPA ENTERPRISES INC. 2800 Richter Ave. Ste. C Oroville, CA 95966

Office: (530) 534-9910 Fax: (530) 534-9915 E-Mail: jim@tiledspas.com Web Site: www.tiledspas.com



SCALE 1/4" = 11/4

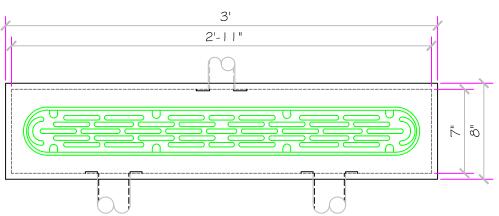
DWG TYPE 1/2 3/4 DATE 4/24/2013

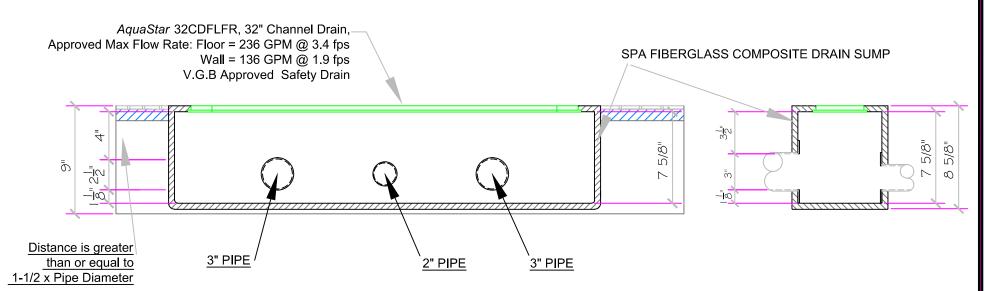
Bonding Detail PAGE 7 OF 14

Note: Plumbing Flow rate of approved sump not to exceed VGB 2008 rating of drain grate.

Note: Sump not intended to carry load of pool or spa.
Sump to be protected from vessel weight bearing.

Nespa.32CD,3332





4/26/2013 3:29:39 PM

PRELIMINARY

ALL DIMENSIONS SUBJECT TO 1/4" TOLERANCES

These drawings, concepts, and details contained herein are the original proprietary designs of NESPA ENTERPRISES INC., developed over many years of experience in the industry and as such are protected by the copyright laws of the United States Government. Reproduction of any of the above without written permission to do so by NESPA ENTERPRISES INC., is illegal.

NESPA ENTERPRISES INC.

2800 Richter Ave. Ste. C Oroville, CA 95966

Office: (530) 534-9910 Fax: (530) 534-9915 E-Mail: jim@tiledspas.com Web Site: www.tiledspas.com



SCALE 1 1/2" = 1'

CASA GRANDE

0 1/4 1

DWG TYPE

Main Drain Detail

SHEE 4/24/2013

PAGE 8 OF 14



32" Channel Drain Flat Grate Anti-Entrapment Suction Outlet Cover and Frame

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 A112.19.8-2007)

Features

A Single, Unblockable Suction Outlet that Exceeds the New VGB Mandate and ASME/ANSI A112.19.8-2007 Standard

For Single or Multiple Drain Use (See Installation Instructions for Plumbing, Hydrostatic Valve/ Drain Pipe & Single or Multi-Pump Connections)

Single:

Floor: 316 GPM at 3,9 fps Wall: 208 GPM at 2,6 fps

Dual:

Floor: 632 GPM at 3.9 fps Wall: 41.6 GPM at 2.6 fps Floor: 242 GPM at 1.5 fps

25.9 sq. in. Opening

#316 Stainless Steel Screws

Manufactured from Super Strong UV Resistant ABS/ASA Material

Meets or Exceeds ASME/ANSI A112.19.8-2007 National Standards and ASTM G154 UV Testing

Listed with IAPMO R&T

12 Per Case

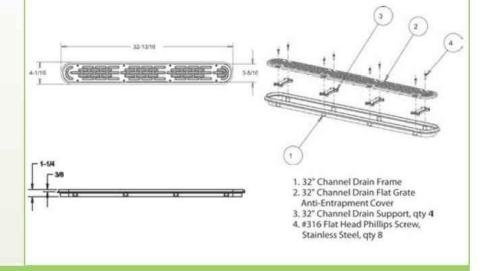
The Unblockable!™



Part Numbers / Colors

- 32CDFLFR101White
- 32CDFLFR102 Black
- 32CD FLFR103 Lt, Gray
- 32CDFLFR104 Blue
- 32CDFLFR105 Dk, Gray
 - 32CD FLFR106 Bone
- 32CDFLFR107Taupe
- 32CDFLFR108 Tan





P 877-768-2717 F 877-276-POOL info@aquastarpoolproducts.com www.aquastarpoolproducts.com

ducts.com *** PROUDLY MADE *** IN THE USA

4/26/2013 3:29:39 PM | MINARY

ALL DIMENSIONS SUBJECT TO 1/4" TOLERANCES
DWG TYPE

NESPA ENTERPRISES INC.

2800 Richter Ave. Suite C Oroville, CA 95966

Office: (530) 534-9910 Fax: (530) 534-9915

E-Mail: jim@tiledspas.com Web Site: www.tiledspas.com



If printing as a PDF:

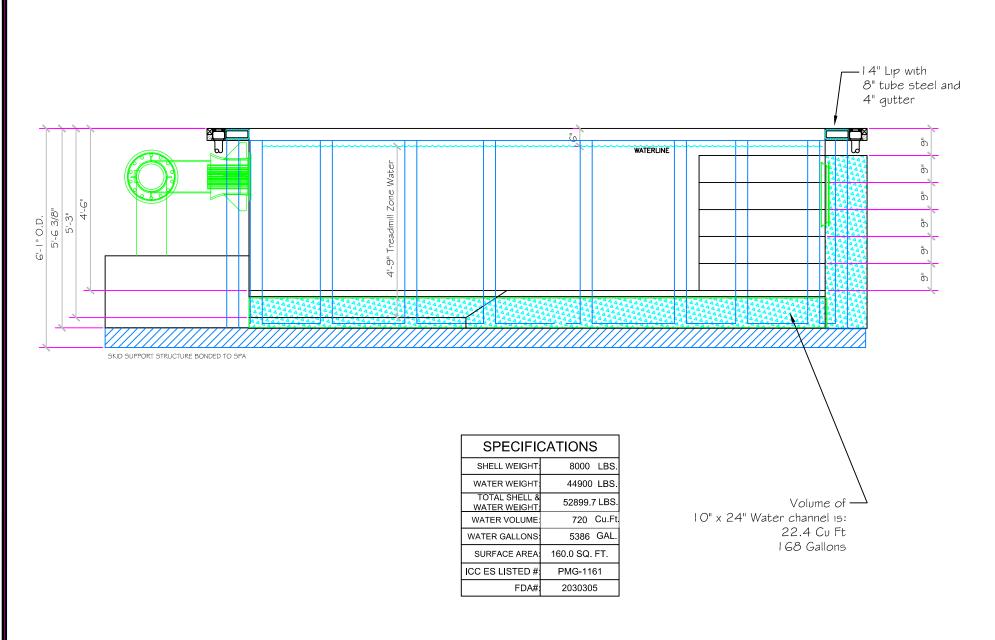
Page Scaling: None

SCALE N/A

Main

Main Drain Detail (2)

CASA GRANDE 4/24/2013



4/26/2013 3:29:40 PM

All drawing dimensions supplied by NESPA ENTERPRISES INC. are for reference only. All CAD files were created using AutoCAD file (*dwg.) and were provided as a service to our customers using AutoCAD. Errors sometimes occur during this process and with software incompatibility upon opening a file. NESPA ENTERPRISES INC. and/or any authorized distributor of our products will not be held responsible for problems arising from files which have been converted and does not warranty the documents against deficiencies or typographical errors of any kind. We recommend that all measurements are verified with actual physical product before any custom fabrication in the field occurs.

These drawings, concepts, and details contained herein are the original proprietary designs of NESPA ENTERPRISES INC. developed over many years of experience in the industry and as such are protected by the copyright laws of the United States Government. Reproduction of any of the above without written permission to do so by NESPA ENTERPRISES INC., is illegal

NESPA ENTERPRISES INC.

2800 Richter Ave. Ste. C Oroville, CA 95966

Office: (530) 534-9910 Fax: (530) 534-9915 E-Mail: jim@tiledspas.com Web Site: www.tiledspas.com



If printing as a PDF: Page Scaling: None

SCALE 3/8" = 1'

ALL DIMENSIONS SUBJECT TO 1/4" TOLERANCES DWG TYPE Section

PRELIMINARY

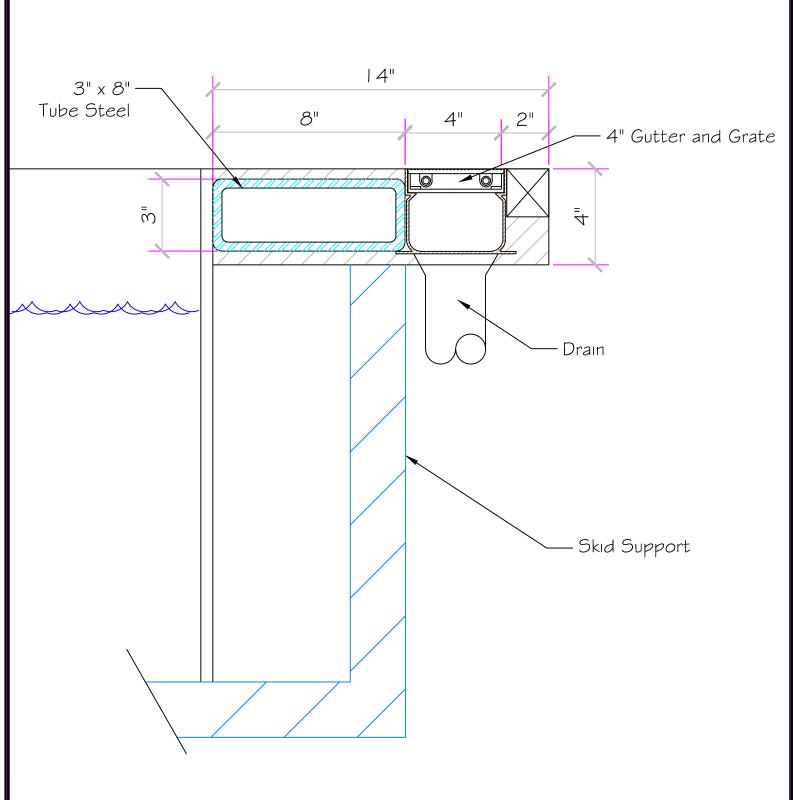
1/2 3/4 1/4 SHEET DATE

PAGE 2 OF 14

DWG NAME

CASA GRANDE

4/26/2013



4/26/2013 3:29:41 EMINARY

NESPA ENTERPRISES INC. 2800 Richter Ave. Suite C Oroville, CA 95966

Office: (530) 534-9910 Fax: (530) 534-9915

Tiled Spas Par Dv

If printing as a PDF:
Page Scaling: None

DWG NAME

CASA OF

SCALE 3" = 1'

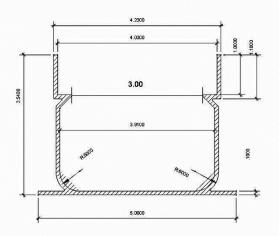
0 1/4 1/2 3/4 1 DATE

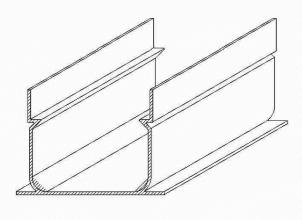
DWG TYPE
DeckDrain

E-Mail: jim@tiledspas.com Web Site: www.tiledspas.com NESPA ENTERPRISES INC., developed over many years of experience in the industry and as such are protected by the copyright laws of the United States Government. Reproduction of any of the above without written permission to do so by NESPA ENTERPRISES INC., is illegal.

DECK TRENCH DRAIN 4" WIDE

STRAIGHT AND RADIUS(DOWN TO 4 FEET)





END VIEW

DECK DRAIN BASE

GUIDE SPECIFICATIONS

4" DECK DRAIN BASE made of extruded, U.V. stabilized, rigid PVC. An open section of 4.03" at the top with an initial depth of 1.0", and having a ledge on each side of approximately 0.50" for a grate to sit on. The bottom section of the drain to be 4.0" wide. Overall depth of 3.5". The underside of the base with an overall width of 5.0" with protrusions to give stability and enable anchoring down prior to pouring the cement/gunite. Protrusions to ensure the drain is embedded into the concrete/gunite. Each section to be joined using a male PVC sleeve of the same shape and secured with standard PVC glue. The base comes in 10' lengths. 90 degree corners, 45 degree corners, special corners, Tee sections, end caps, down sections with 1 1/2", 2", or 3" PVC couplings, and end adapters with 1 1/2" or 2", or 3" PVC couplings are also available. Deck drain radii can be produced down to a 4 foot radius.

As manufactured by Lawson Aquatics (800)897-6160

COLOR: WHITE

DECK DRAIN GRATE

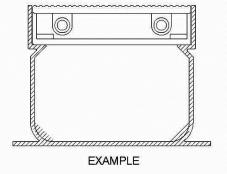
4.0" "T" BAR SIZE

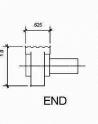
Modular, interlocking pieces of PVC, U.V. stabilized grating. The top surface shall have a raised design to create good friction, wet or dry, and be 5/8" wide with a depth of 1.0". The space between the pieces shall not exceed 1/4". Each piece of grate shall have a slotted hole at the ends for insertion of a stainless steel fastener clip and anchor screws at least every 3 feet and shall be easily removable. Grating surface bars shall run perpendicular to the line of trench and with the gap, provide at least 25% open space per foot for unrestricted water flow. The color of the grate shall be ______.

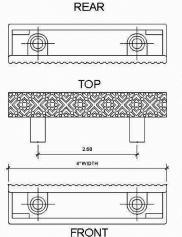


COLORS: WHITE, BONE, TAN, GREY, AND BLACK

All drawing dimensions supplied by Lawson Aquatics Inc. website are for reference only. All CAD files were created using AutoCAD file ("dwg.) and were posted on the website as a service to our customers using AutoCAD. Errors sometimes occur during this process and with software incompatibility upon opening a file. Lawson Aquatics Inc. and/or any authorized distributor of our products will not be held responsible for problems arising from files which have been converted and does not warranty the documents against deficien cies or typographical errors of any kind. We recommend that all measurements are verified with actual physical product before any custom fabrication in the field occurs.







| REVISED | BY | JMS |
|--------------|-----------|------------|
| | DATE | 12/06/2010 |
| DRAWING CODE | DTD-04-SR | |

4/26/2013 3:29:42 PM IMINAR)

ALL DIMENSIONS SUBJECT TO 1/4" TOLERANCES

NESPA ENTERPRISES INC.

2800 Richter Ave. Suite C Oroville, CA 95966

Office: (530) 534-9910 Fax: (530) 534-9915

E-Mail: jim@tiledspas.com Web Site: www.tiledspas.com



If printing as a PDF:
Page Sceling: None

DWG NAME

SCALE N/A 0 1/4 1/2 3/4 1"

DWG TYPE DeckDrain (2)

CASA GRANDE DATE SHEET 4/24/2013 PAGE 11 OF 14

AQUATIC ACCESS®

HOME

PRODUCTS

ABOUT US

Pool Lift IGAT-180

CUSTOMER

CONTACT US

IN-GROUND LIFTS

ABOVE-GROUND LIFTS

CUSTOM LIFTS

DIMENSIONS NEEDED

FAQ

PRICE LIST

2010 ADA INFO

SEE VIDEO OF LIFT

Named 2012 Most Valuable Product by Aquatics International!

Our best selling lift for most applications, the Model IGAT-180 is certified to meet the 2010 Standards for Accessible Design, now a law in the United States. It is user-operable, and its seat height is easily adjustable to accommodate various wheelchair heights. The 180 degree clockwise turn allows the greatest access from the deck for the user and any assistants. Side-to-side transfers are easy; the footrest flips up and the

In-Ground Automatic Turn 180°

Certified to meet the 2010 Standards for Accessible Design as well as the requirements of the ADA, ABA and CBC.

- -Powered by Water Pressure -- lifts up to 400 LB. at 55-65 PSI open flow water pressure
- -Custom Heavy-Duty modification available for larger users.
- -No dangerous and expensive batteries required. Completely green to operate.
- -Standard Vertical Seat Travel 44".
- -Installs in Deck Socket (Socket Cover included) Click to see video of installation.
- -Easily removed for off-season storage.
- -Each lift includes a seat belt.
- -Flip-Up Footrest Included.

Easy retrofit to utilize off-brand lift deck sockets for ADA-compliance.

- -California Seating Package Available to conform with California Building Code.
- -Can Be Padlocked in Deck Position.
- -Allows Independent Operation.

mounting arm for the footrest is under the seat. This allows for unobstructed transfer. The seat rotates forward when entering the pool, and backward when exiting the water. The IGAT-180 is a fixed installation, secured into deck with concrete and steel, but the lifting apparatus is easily removed for storage. The standard seat has a right arm only, but a flip-up outer arm is available. All components required for installation and operation are included in the price and ship with the lift. Many options and extras are available, including the California Seating Package which includes the necessary accessories to meet the California Building Code regulations for pool lifts. This unit is also available as a heavy-duty model with increased lifting capacity. Just let us know your needs when ordering. View and download our dimensional worksheet in .pdf format. To open this file, download the Free Adobe Acrobat Reader at www.adobe.com. Aquatic Access takes pride in offering our customers the most reasonable shipping costs available.

Static pressure (measured at faucet or hose with no water flowing) is affected by variables in the material, length, diameter and rigidity of the water lines and hoses from the street to the lift, and by how many other faucets are open at the same time. Operating pressure requirement (measured while lifting) is not affected by these variables.

** Opposite facing (opposite turn) and heavy-duty units available (custom charges may apply).

ALL DIMENSIONS SUBJECT TO 1/4" TOLERANCES

DWG TYPE

Rev. 10/11/12

NESPA ENTERPRISES INC.

2800 Richter Ave. Suite C Oroville, CA 95966

Office: (530) 534-9910 Fax: (530) 534-9915

E-Mail: jim@tiledspas.com Web Site: www.tiledspas.com



If printing as a PDF:
Page Scaling: None

DWG NAME

PDF: SCALE N/A

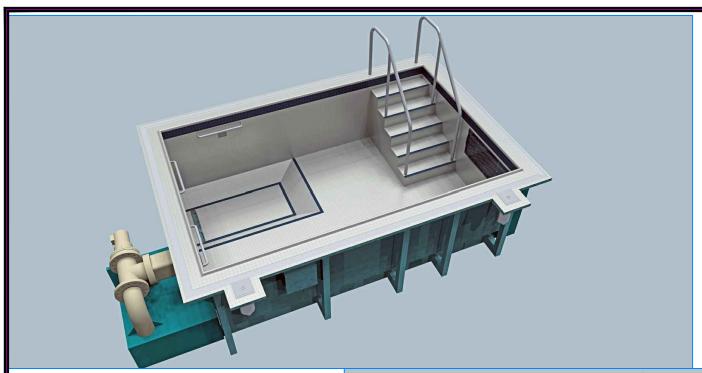
CASA GRANDE

0 1/4 1/2 3/4 1" DATE 4/24/2013

4/26/2013 3:29

Lift Detail
EET
PAGE 12 OF 14

These drawings, concepts, and details contained herein are the original proprietary designs of are protected by the copyright laws of the United States Government. Reproduction of any of the above without written permission to do so by NESPA ENTERPRISES INC., is illegal.





These drawings, concepts, and details contained herein are the original proprietary designs of NESPA ENTERPRISES INC., developed over many years of experience in the industry and as 2800 Richter Ave. Ste. C Oroville, CA 95966 such are protected by the copyright laws of the United States Government. Reproduction of any of the above without written permission to do so by NESPA ENTERPRISES INC., is illegal,

Fax: (530) 534-9915

Office: (530) 534-9910



SCALE N/A

1/4 1/2 3/4 1" DATE

DWG TYPE

Render

CASA GRANDE

4/26/2013

SHEET PAGE 13 OF 14