



**BLD2023-03013**

This set of plans must be kept on the job at all times and it is unlawful to make any changes or alteration on same without written permission from Building Safety Division, City of Modesto.

REVIEWED FOR CODE COMPLIANCE  
Date: 08/23/2023

This set of plans must be kept on the job at all times. The stamping of this plan shall not be held to permit or to be an approval of the violation of any provisions of any ordinance or law.

Occupancy of structure not permitted until final approval.

**SCOPE OF WORK**

**Demo:**  
Drain Pool to Sewer Cleanout Location  
Strip Plaster to Substrate  
Remove and Haul Away up to 1,650 Sq Ft of Concrete Decking

**Pool:**  
Install Hand Rail  
Remove and Replace Waterline Tile  
Replumb Pool  
Includes; Return Line, Suction Line, 3 Returns, 1 Skimmer, 1 Autofill Device  
Split Main Drains to 36" Apart Measured from Inside of Cover to Cover  
Install Aquastar 10" Round Sumpless Covers  
Prep and Plaster Pool with Wet Edge Altima  
Install New Pool Guard Safety Pool Alarm

**Spa:**  
Install Hand Rail  
Remove and Replace Waterline Tile  
Replumb Spa  
Includes; Return Line, Suction Line, Jet Loop  
Split Main Drains to 36" Apart Measured from Inside of Cover to Cover  
Install Aquastar 10" Round Sumpless Covers  
Prep and Plaster Spa with Wet Edge Altima  
Install New Pool Guard Safety Pool Alarm

**Decking:**  
Set up and Pour up to 1,650 Sq Ft of Concrete Decking  
Broom Finish, No Color  
Install Equipotential Bonding Grid 36" from Water's Edge  
Connected to the Pool at 4 Points

<b>Existing Pool Specifications</b>	
Perimeter: 93 Ft	Area: 560 Sq Ft
<b>Existing Spa Specifications</b>	
Perimeter: 24 Ft	Area: 46 Sq Ft

**THIS SPACE LEFT BLANK FOR  
CITY/COUNTY OFFICIAL'S STAMPS & SIGNATURES**

**10" ROUND STAR SUMPLESS SUCTION OUTLET COVER, UNIVERSAL ADAPTER KIT AND MUD FRAME**

	<b>Floor Flow Rating</b> 170 GPM at 1.7 fps	<b>Wall Flow Rating</b> 170 GPM at 1.7 fps	<b>Sump Depth</b> Sumpless	<b>Open Area</b> 31.5 in <sup>2</sup>
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**FEATURES**

- Universal drain cover for retrofit or new construction.
- All components meet or exceed requirements for 2011 and 2015 ANSI A118.1, national standards and ASTM G134 UV testing exposure.
- Includes mud frame for new construction and an universal adapter frame to retrofit existing frames (up to 10" round).
- Manufactured from superior UV resistant engineered polymer.
- Can be used with included plastic concrete anchors or Brass Anchor Kit # BK4 for installing over old steel or non-reinforced frames.
- #316 stainless steel screens.
- Trademarked VGB compliance button easily identifies VGB 2018 compliant cover from old deck and underlayment.
- Order product support including downloadable CAD files, General Certificate of Conformity, third party certificate, installation instructions and more.
- Replace drain cover every five years from the date of installation.
- 0 per case.

**AID UNIVERSAL 10" SUMPLESS DRAIN COVER**

No sump required!  
Retrofits over most brands' existing 7" to 10" sumps/frames.  
Retrofits over all sumps/frames up to 10" using included plastic concrete anchors.  
*See page 23 for universal adapter plate dimensions.*

Part # A10RCFRxxx

Optional - For anchoring directly into pool finish using four brass anchor kit part # BK4

**STANDARD COLORS**

- A10RCFR101 - White
- A10RCFR102 - Black
- A10RCFR103 - Light Gray
- A10RCFR104 - Blue
- A10RCFR105 - Dark Gray
- A10RCFR108 - Tan

Also available as a Contractor's Pack without Retrofit Kit, with Mud Frame pin A10RCFRxxx

VGB 2008 Compliant

**10" Universal Adapter Frame**  
1. 10" Universal Adapter Frame, 316 SS, Qty 2  
2. Adjustable Long Stake, Qty 2  
3. 10" Round Suction Outlet Drain  
4. 10-32 x 3/8" Flat Head Phillips, 316 SS, Qty 2  
5. 10-32 x 3/4" Flat Head Phillips, 316 SS, Qty 4  
6. Adjustable Short Stake, Qty 2  
7. 10-32 x 1/2" Flat Head Phillips, 316 SS, Qty 2  
8. 5 x 1/4" Flat Head Phillips, 316 SS, Qty 2  
9. 10 x 1/4" Flat Head Phillips, 316 SS, Qty 3  
10. Spacers  
11. 10" Round Mud Frame  
12. 10-32 x 1/4" Flat Head Phillips, 316 SS, Qty 3  
13. 10 x 3/4" Flat Head Phillips, 316 SS, Qty 2  
14. 8-32 x 1/4" Flat Head Phillips, 316 SS, Qty 2  
15. 8 x 3/4" Flat Head Phillips, 316 SS, Qty 2

Not shown (also included):  
16. 10-32 x 1/4" Flat Head Phillips, 316 SS, Qty 3  
17. 10 x 3/4" Flat Head Phillips, 316 SS, Qty 2  
18. 8-32 x 1/4" Flat Head Phillips, 316 SS, Qty 2  
19. 8 x 3/4" Flat Head Phillips, 316 SS, Qty 2

Not all screws and hardware used for all installations. See installation instructions.

REVISIONS	BY

**BURKETT'S**  
POOL PLASTERING, INC.  
Specializing in Pool Remodeling  
(209)599-3317  
Kipom, CA Pool Plastering, Inc.  
600 N. Frontage Rd  
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LIC# 608382

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Modesto, CA 95350  
APN: 013-008-018  
Valuation: \$27,189

Date	8/14/2023
Scale	1/8" = 1 FT
Drawn By	
Job Name	KING
Job Number	135377
Sheet #	1
Of	1 Sheets

ALL CONSTRUCTION WILL FOLLOW THE STANDARDS SET IN THE CALIFORNIA BUILDING CODE 2022

**POOL BARRIER REQUIREMENTS**  
SWIMMING POOL BARRIER COMPLIANT WITH 2022 BUILDING CODE STANDARDS

**GATE AND FENCING REQUIREMENT**  
BARRIER WILL BE MAINTAINED AND INTACT  
CBC 2022 3109.4.4  
An enclosure shall have all of the following characteristics:

- Any access gates through the enclosure open away from the swimming pool and are self-closing with a self-latching device placed no lower than 60 inches (1524 mm) above the ground.
- A minimum height of 60 inches (1524 mm).
- A maximum vertical clearance from the ground to the bottom of the enclosure of 2 inches (51 mm).
- Gaps or voids, if any, do not allow passage of a sphere equal to or greater than 4 inches (102 mm) in diameter.
- An outside surface free of protrusions, cavities or other physical characteristics that would serve as handholds or footholds that could enable a child below the age of five years to climb over.

Authority: Health and Safety Code Section 18942(b)  
Reference: Health and Safety Code Section 115923  
Ab 3305, Statutes 1996, C.925