



# CITY OF COLUMBIA/BOONE COUNTY, MISSOURI



## DEPARTMENT OF PUBLIC HEALTH AND HUMAN SERVICES

## DIVISION OF ENVIRONMENTAL HEALTH

### POOL ENGINEERING SUMMARY

Contractor: \_\_\_\_\_ Date Submitted: \_\_\_\_\_  
 Swimming Pool For: \_\_\_\_\_ Date Work Starts: \_\_\_\_\_  
 Submitted By: \_\_\_\_\_ Date Of Completion: \_\_\_\_\_  
 Mailing Address: \_\_\_\_\_

#### A: Pool Specifications

1. Size: Length: \_\_\_\_\_ Width: \_\_\_\_\_ Depth: \_\_\_\_\_
2. Surface Area: \_\_\_\_\_ Square Feet.
3. Capacity: \_\_\_\_\_ gallons.
4. Turnover: \_\_\_\_\_ hours.
5. Interior Finish: \_\_\_\_\_
6. Coping – Type: \_\_\_\_\_
7. Tile Type: \_\_\_\_\_

#### B: Filter and Disinfection Equipment

1. Filter Type: \_\_\_\_\_ Sand \_\_\_\_\_ Pressure DE \_\_\_\_\_ Vacuum DE
2. Gauges: \_\_\_\_\_ Influent \_\_\_\_\_ Effluent \_\_\_\_\_ ROF Meter
3. Air Relief: \_\_\_\_\_
4. Flow Rate: \_\_\_\_\_ GPM.
5. Filter Rate: \_\_\_\_\_ per square feet of filter area.
6. Filter Area: \_\_\_\_\_ square feet.  
High Rate? \_\_\_\_\_ NSF Approved? \_\_\_\_\_
7. Pump and Motor: \_\_\_\_\_ HP \_\_\_\_\_ Volts \_\_\_\_\_ Phase
8. Hair and lint Strainer: \_\_\_\_\_ Ratio, Slurry Feeder: \_\_\_\_\_
9. Filter Waste Water: \_\_\_\_\_
10. Chlorine Feeder: Pos. Disp. \_\_\_\_\_ Operates up to \_\_\_\_\_ PSI  
Capacity \_\_\_\_\_ Gal./day. Make \_\_\_\_\_ Model \_\_\_\_\_

#### C. Pool Equipment and Pipe Data

1. Pipe Type: \_\_\_\_\_
2. Surface Skimmers: \_\_\_\_\_
3. Inlet Fittings: \_\_\_\_\_ Number; \_\_\_\_\_ inches below water surface.
4. Main Outlet: \_\_\_\_\_ Size.
5. Hydrostatic Relief Valve: \_\_\_\_\_ Size.
6. Vacuum Fitting: \_\_\_\_\_
7. Underwater Light: \_\_\_\_\_ Watt.
8. Rope Anchors: \_\_\_\_\_
9. Safety Rope: \_\_\_\_\_
10. Rope Floats: \_\_\_\_\_ Size.

1005 W. Worley St. ♦ P.O. Box 6015 ♦ Columbia, Missouri 65205-6015  
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[www.GoColumbiaMo.com](http://www.GoColumbiaMo.com)

**D. Deck Equipment**

1. Ladders: \_\_\_\_\_ type, \_\_\_\_\_ treads.
2. Wedge Anchors: \_\_\_\_\_ type.
3. Diving Board: \_\_\_\_\_ type, \_\_\_\_\_ ft. size.
4. Diving standards: \_\_\_\_\_ type, \_\_\_\_\_ size
5. Vacuum breaker: \_\_\_\_\_ size

**E. General Information**

1. Deck: \_\_\_\_\_ type, \_\_\_\_\_ sq. ft. Size, \_\_\_\_\_ inch per slope, slope away from pool, depth marking \_\_\_\_\_.
2. Fence: \_\_\_\_\_ type, \_\_\_\_\_ ft. height, \_\_\_\_\_ gate, By whom: \_\_\_\_\_ .
3. Vacuum cleaner set: \_\_\_\_\_ .
4. Water test kit: \_\_\_\_\_ .
5. Heater: \_\_\_\_\_ .
6. Other: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**I Certify that the above statements are true and accurate. I understand that any and all changes must be submitted in writing to the Health Department before work is Completed.**

\_\_\_\_\_  
(Signature & Date)