

GUIDELINES FOR POOL PLANS TO DEMONSTRATE FBC COMPLIANCE

Pool and/or spa, and deck area plan drawn to scale and dimensioned, and showing relation to structure with pool equipment location.

- Show all suction outlets & whether floor or wall
- Show number & location of steps
- Show swimouts and other exits
- Show handholds when needed/used

Pool and/or spa specifications including area, depths, and volume.

Pool equipment specifications including but not necessarily limited to:

- Each Pump Manufacturer, and Model
- Each Suction Outlet “pot” (if used)- brand model number
- Filter Specification (brand)
- Chlorinator Specification (brand)
- Light Specifications
- Number of Skimmers
- Number of Returns
- Pool and/or Spa Heater if provided

Site Specific Information to Comply with 2007 FBC:

May use Kimes Engineering form or other form, or include on plan its self.

- Maximum pump flow as determined by one of three allowed methods- TDH calculation, Simplified TDH calculation, or maximum pump flow from pump curve
- Adjusted maximum pump flow when more than two suction outlets are used.
- Specification for each suction outlet cover
- Expected pump flow based on reasonable or expected flow (e.g. 60 ft TDH for pressure cartridge filter)
- Maximum listed flow for suction outlet cover, floor or wall as needed.
- Specified branch line size between suction outlets, based on maximum flow @ 6 fps.
- Specified trunk/suction line size based on anticipated flow @ 8 fps.
- Specified return/pressure pipe size based on anticipated flow @ 10 fps.

Other Details or notes included on the plan:

- Angle of Repose Diagram
- Deck and Footing Specification Diagram
- Method of Termite Treatment
- Layout of Pool Safety Barrier (if used)
- Indicate if Pool Cage is used
- Pool Blanket if elec or gas heat

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