

Required Documents Submittal Review

City of Brownsville Planning and Redevelopment Services Phone: 956.548.6150

See Submittal Instructions: [Standards for Digital Submission](#)

Submit to: swimmingpools@brownsvilletx.gov



PARTIAL SUBMITTALS NOT ACCEPTED

A. Residential Pool / Spa (2018 ISPSC, IRC, IBC):

- 1. [Permit Application](#)
- 2. Drawing set (PDF file minimum sheet size is 24" x 36" or larger. If drawings are cluttered and hard to read, they will not be accepted). A complete set consists of:
 - a. **Site Plan to scale showing:** (2018 ISPSC Section 105)
 - Existing property lines as per recorded plat
 - Easements as per recorded plat
 - Setbacks complying with UDC for structures over 30 inches high.
 - Location of existing buildings / structures
 - Proposed pool location
 - Fence location and details for self-closing gates (2018 ISPSC Section 305)
 - b. **Pool Plan showing:**
 - Owner name, address, and email
 - Contractor name, address, and email
 - Building window location. Glazing located less than 60 inches above the walking surface within 5' of the pool is considered a hazardous location. (2018 IRC Section R308.4.5)
 - Foundation underpinning or method of support if excavating near an existing foundation (2018 IBC Section 1803.5.7 & 1804)
 - Filter type specifications (2018 ISPSC Section 312)
 - Pump horsepower and flow rates (2018 ISPSC Section 313)
 - Chlorination or sanitation system (2018 ISPSC Section 319)
 - Specifications for backflow prevention device on pool fill line (2018 ISPSC Section 302)
 - Location of hose bib; backflow prevention for hose – Show location of backflow in plan
 - Indicate the color selection of plaster on pool/spa walls and floor. Make sure an 8" disk contrasts with surrounding floor at deepest location.
 - Location of skimmers (a maintenance device that removes / captures floating debris) (2018 ISPSC Section 315)
 - Show backwash through p-trap to sanitary sewer for diatomaceous earth (DE) and high-rate sand (HRS) filters (2018 ISPSC Section 302 & 320)
 - All main drains (submerged suction outlets typically located at the bottom of pool or spa to conduct water to a recirculating pump) must be rated ASME / ANSI A112.19.8-2007 (Virginia Graeme Baker -VGB compliant)
 - Pool gallons (2018 ISPSC Section 105)
 - Pool depth
 - Pool Steel and Shotcrete Wall Section Detail (2018 ISPSC Section 105)
 - Electrical Details must include:
 - Electrical meter location
 - Bonding detail-Show size of wire (2017 NEC Article 680)
 - Heater size and location (if applicable)
 - Plumbing Details.
 - Backflow location
 - Supply and return lines

B. Inspections to Anticipate:

1. Pool Steel – Check pool location and steel prior to concrete pour for shell and deck. No inspection will be scheduled until all permits are issued.
2. Electrical – Steel bonding for shell and deck and underground conduit.
3. Plumbing – Check pipes before they are covered, ground, sewer, water service, storm drainage.

*No further review will take place until all documents are submitted.

**This list only references the documents that are needed to start a plan review by this department. (Not all inclusive)