



Powell Amenity Center
212 Perseus St. Lillington, NC

October 2nd, 2024

To Whom It Concerns

Attn: Harnett County Environmental
RE: Plan Review Comments

See below for comments and response.

- Comment 1: Main Drain Line as drawn is specified as a 2" line. The main drain line shall be a 4" minimum line.
 - **This was an error and has now been corrected. See SP3.0 for changes.**
- Comment 2: The Circulation and Feature SOFAs have not been revised on the plans to show items indicated in the letter dated August 27. The circulation SOFA cannot be approved as drawn.
 - **See SOFA attached.**

Thank you for taking the time to review these plans.

Joey Davis
D. Clugston Inc.
828-712-6004

Pool Drain Safety Compliance Data
PERMIT CANNOT BE ISSUED IF FORM IS INCOMPLETE

A separate form is required for each pump including circulation, jet or feature.

Name of Pool Powell Amenity Center - Circulation Pump ID# _____

1. **Pump Flow**
Pump Manufacturer Pentair Model # WhisperFloXF VS Horsepower 5.1
Maximum Pump Flow at highest speed **FROM PUMP CURVE:** 290 gpm. Pump use: Circulation / jet / feature (circle one)
Has pump been serviced (disconnected from power for any reason) or changed out in last 12 months? YES / NO
Flow meter manufacturer Flow Vis Flow meter reading 190 GPM
2. **Drain Sump Measurements** Is drain cover sumpless? YES/NO
Sump manufacturer and model A.S.A. MFG (FBS-50-812-4) OR: Field built sump (circle if yes)
Diameter of pipe entering sump 4 inches. Pipe enters through BOTTOM / SIDE of sump (Must circle one)
Distance between highest point of outlet pipe and top edge of sump 7 inches. Sump dimensions 12x12x12
3. **Drain Cover Data – MUST BE INSTALLED PER MANUFACTURER’S INSTRUCTIONS- Attach Instructions to form.**
Number of main drains on each pump 2 Distance between main drains (on centers) 3 feet 2 inches
Cover/grate manufacturer AquaStar, model 1216101, VGBA approval 2008 / 2017 (circle one)
Flow rating from instructions: 500 gpm Cover(s) located on pool Floor / wall (circle one)
Date installed TBD Lifespan 5 Years EXPIRATION DATE TBD
4. **Equalizer Covers**
Number of operable skimmer equalizers N/A Have the equalizers been permanently disabled? YES / NO
Equalizer fitting Manufacturer _____, Model _____, Lifespan _____
Bulkhead adaptor Manufacturer _____, Model _____, Date Installed _____
Diameter of equalizer pipe _____ Cover is located on (circle where mounted): Floor / wall
Equalizer fitting maximum flow rating _____ gpm.
Date equalizer cover/grates installed _____ EXPIRATION DATE: _____
5. **Safety Vacuum Release System (SVRS)** –Safety Vacuum Release System manufacturer/model# - N/A
You will be required to demonstrate effectiveness during permitting inspection. Date last tested _____
6. **Vacuum Line** Choose One
 No vacuum line in pool **OR** Protective cover on vacuum lines installed before May 1, 2010, **OR**
 Self-closing, self-latching cover designed to be opened with a tool on vacuum lines installed after May 1, 2010
Full name of person providing this information Joey Davis Phone number: 828-712-6004

Signature Joey Davis Date 09/30/2024

Pool Drain Safety Compliance Data
PERMIT CANNOT BE ISSUED IF FORM IS INCOMPLETE

A separate form is required for each pump including circulation, jet or feature.

Name of Pool Powell Amenity Center - Feature Pump ID# _____

1. **Pump Flow**
Pump Manufacturer Pentair Model # XFET-20 Horsepower 5.1
Maximum Pump Flow at highest speed **FROM PUMP CURVE:** 290 gpm. Pump use: Circulation / jet / feature (circle one)
Has pump been serviced (disconnected from power for any reason) or changed out in last 12 months? YES NO
Flow meter manufacturer Flow Vis Flow meter reading 210 GPM
2. **Drain Sump Measurements** Is drain cover sumpless? YES/NO
Sump manufacturer and model A.S.A MFG (FBS-50-812-18-6) OR: Field built sump (circle if yes)
Diameter of pipe entering sump 6 inches. Pipe enters through BOTTOM SIDE of sump (Must circle one)
Distance between highest point of outlet pipe and top edge of sump 10.5 inches. Sump dimensions 12x12x18
3. **Drain Cover Data – MUST BE INSTALLED PER MANUFACTURER’S INSTRUCTIONS- Attach Instructions to form.**
Number of main drains on each pump 2 Distance between main drains (on centers) 3 feet 2 inches
Cover/grate manufacturer AquaStar, model 1216101, VGBA approval 2008 / 2017 (circle one)
Flow rating from instructions: 400 gpm Cover(s) located on pool: Floor wall (circle one)
Date installed TBD Lifespan 5 Years EXPIRATION DATE TBD
4. **Equalizer Covers**
Number of operable skimmer equalizers N/A Have the equalizers been permanently disabled? YES / NO
Equalizer fitting Manufacturer _____, Model _____, Lifespan _____
Bulkhead adaptor Manufacturer _____, Model _____, Date Installed _____
Diameter of equalizer pipe _____ Cover is located on (circle where mounted): Floor / wall
Equalizer fitting maximum flow rating _____ gpm.
Date equalizer cover/grates installed _____ EXPIRATION DATE: _____
5. **Safety Vacuum Release System (SVRS)** –Safety Vacuum Release System manufacturer/model# - N/A
You will be required to demonstrate effectiveness during permitting inspection. Date last tested _____
6. **Vacuum Line** Choose One
 No vacuum line in pool **OR** Protective cover on vacuum lines installed before May 1, 2010, **OR**
 Self-closing, self-latching cover designed to be opened with a tool on vacuum lines installed after May 1, 2010
Full name of person providing this information Joey Davis Phone number: 828-712-6004

Signature Joey Davis Date 08/27/2024