



**State of Louisiana**  
Louisiana Department of Health  
Office of Public Health

July 20, 2016

Brian Mistich, P.E.  
Engineer  
554 Old Spanish Trail,  
Slidell, LA 70458

RE: Edenbourne Courts Apartment Class C Swimming Pool  
New Orleans, LA

Dear Mr. Mistich,

Plans and specifications for the above named project have been reviewed. The plans are DISAPPROVED pending resolution of the following items which appear to be in conflict with applicable provisions of the State Sanitary Code, or upon which further information is needed.

1. Plans page PL-1.2 shows the pools cross section with 2 forms of entry/exit. The pools plan views do not clearly show the location of the pool ladder. Please clearly provide the pools ladder location on a pools plan view. **plan will be revised to show pool ladder location**
2. Plans page PL-1.1 shows the distance between the wall inlets are as great as 30 ft. Please adjust inlets accordingly. 1st Edition CDC Model Aquatic Health Code (MAHC), 4.7.1.3.3.3, "Wall INLETS shall be spaced no greater than 20 feet (6.1 m) apart." Please reference MAHC section 4.7.1.3 for further information. **no inlet exceeds 20 feet. please note that there are two floor inlets each within 20 feet.**
3. Please clarify on plans that the pools main drain covers if not made of shiny metal that they will have a dark colored circle. LAC.51:XXIV.511.C.3, "The grating of the main drain outlet shall be easily visible. Drains not constructed of shiny metal shall be marked with a dark colored circle." **section view states that skimmer shall be Lac 51 compliant. section will be revised to specifically call out the referenced specification in the code.**
4. Please provide documentation that the surface skimmer equalizer line suction cover is VGBA ANSI/APSP-16 2011. **equalizer lines will be omitted, eliminating the need for suction line covers.**
5. Please clarify if the existing mechanical room will have ventilation. **per the first plan sheet G-1.0, note 2 under code requirements, it is clarified that the equipment room is outdoors.**  
**this is also identified as shown on plan sheet PL-1.0, labeled as equipment pad with fence.**
6. The surface skimmer equalizer line suction cover is rated for 49 GPM when mounted on the pool wall. The pools pump is designed to operate at 110 gpm. The surface skimmers and main drains are able to be valved off. If the main drains were to be valved off the

flow rate through one of the surface skimmers would be 55 gpm which is a higher flow rate than what the suction cover is rated for. Please select a equalizer line suction cover that is rated for at least the flow rate which may pass through it.

During operation, the main drain lines will never be valved off. To eliminate this concern, the schematic will be updated to reflect a single valve on the suction side of the pump instead of two valves.

Sincerely,

A handwritten signature in black ink that reads "Brandon Comeaux". The signature is written in a cursive, flowing style.

Brandon Comeaux, E.I.  
Region 1 Engineer Intern  
OPH – District I