



August 24, 2016

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

RE: Edenbourne Courts Apartments
3312 Edenbourne Ave.
Metairie, Louisiana 70002

Mr. Comeaux,

In response to your review letter dated July 20, 2016 regarding concerns about the Edenbourne Courts Apartments pool plans, the following is provided:

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.

Response: The plan views have been revised to reflect the location of the pool ladder.

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.

Response: LAC. 51 :XXIV.509.B states that "A public pool shall have a minimum of 2 inlets... The number of return inlets shall be based on two inlets per 600 square feet of pool surface area ..." This pool has 870 s.f. of surface area therefore 4 return inlets are required, the original plan stamped 7/5/2016 showed 7 return inlets . The CDC Model Aquatic Health Code (MAHC) has not been adopted by the State of Louisiana therefore only 4 return inlets are required by the State of Louisiana; the original plan sent for review provided 3 return inlets more than required by the State of Louisiana. An additional 3 return inlets on top of the 7 return inlets originally proposed have been provided to meet the MAHC maximum spacing requirement; see revised plans.

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."

Response: Sheet PL-1.2 note pointing to the main drain has been revised; notes have been added to the cutsheets on sheet PL1-4, detail 2 & 3, to state that the main drain and the skimmer equalization covers are to be white with a black frame around the cover.

4. Please provide documentation that the surface skimmer equalizer line suction cover is VGBA ANSI/APSP-16 2011.

Response: The cut sheet has been updated on sheet PL-1.4, detail 03 to show compliance with ANSI/APSP-16 2011.

5. Please clarify if the existing mechanical room will have ventilation.

Response: The existing mechanical room is to be demolished and the new equipment will be installed on a new equipment pad without shelter.

6. The surface skimmer equalizer line suction cover is rated for 49 GPM when mounted on the pool all. 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.

Response: The valve for the main drains has been relocated on Sheet PL-1.4 to show that it will now isolate the entire suction line from the pool pump (for maintenance purposes). The skimmers can be cut-off to allow the pool to be drained. Either main drain can handle the entire flow rate of the pump.

If you have any questions, or require additional information, please feel free to call.

Sincerely,



David Dammon, President
Dammon Engineering, Inc.

