



R O T O L O C O N S U L T A N T S I N C O R P O R A T E D

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Project Name: Copper Mill Apartments
Project Address: 2300 Edenborn Street
New Orleans, Louisiana 70001

Owner Name: Apartment Homes by Tonti
Owner Address: 2723 North Hullen Street
Metairie, LA 70130

For: Apartment Homes by Tonti
Date: 5/11/2016

Mr. Brandon Comeaux E.I.,

In response to your the letter dated May 5, 2016 regarding concerns to be addressed or clarified within the plan set being reviewed for a pool renovation at Copper Mill Apartments, the following is noted:

1. The engineering services permit application for this project is attached for reference.
2. All construction joints where the pool coping meets the concrete pool deck will be water tight in full accordance with LAC.51: XXIV.323.J. This is further acknowledged on plan sheet G-1.0, under design requirements, and within note #13.
3. Note #19 on submitted plan sheet G-1.0 acknowledges that the pool handrails will be no more than 18 inches plus or minus horizontally from the vertical plan of the bottom riser. This is further identified on submitted plan sheet PL-1.3 / detail 02, as there is a dimension of 4" overhang shown, putting the handrail to reside within the 18" maximum horizontal distance, and in full compliance with LAC.51: XXIV.327.A.#.b.
4. Both the scone/sheer descent water features shown on plan sheet PL-1.1 / detail 1, and PL-1.3 / detail 4 share the same circulation system as all of the other pool returns for the pool, exhibiting a single circulation system powered under a single main recirculation pump. There is no other circulation system or pump in the design. This can be further clarified by referencing plan sheet PL-1.4 / detail 01.
5. The velocity calculations are performed with the pump sized to 105 gallons per minute. Please reference calculations shown on sheet G-1.0, and the pipe schedule which lists flow rates and velocities.

Total flow rate for the pool returns is 85 GPM.

Total flow rates for each of the two sconces are 4.0 GPM.

Total flow rate for the sheer descent water feature is 12 GPM.

This renders 105 GPM

To further clarify, the pipe schedule has been copied to Plan page G-1.0 for ease of reference when looking at the other pool calculations.

6. Product data sheets for the main drain and skimmer equalizer line covers, including open surface area are provided. The main drain outlet grating and equalizer suction outlet covers

each have an open surface area of at least four times the pipe opening per LAC.51: XXIV.511.C.1.

7. A typical skimmer detail showing how the surface skimmer equalizer line will be connected to the surface skimmer can be found on plan sheet PL1.2 / detail 07.
8. All water features are calculated at a total flow rate of 20.0 GPM, putting the design within compliance of the 20% maximum rate which equates to 21.0 GPM based on an 105 GPM overall flow rate.

Travis Heathman
Project Coordinator
Rotolo Consultants Inc.]

