



ROTOLO CONSULTANTS INCORPORATED

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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: 8/3/2016

Mr. Brandon Comeaux E.I.,

In response to your letter issued to Mr. Mistich 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 sconce and sheer descent water features shown on plan sheet PL-1.1 / detail 1, and PL-1.3 / detail 4 share the same floor main drain suction outlets (shown on sheet PL-1.2 / Detail 6) as all of the other returns inlets for the pool.
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 84 GPM.
Total flow rates for each of the two sconces are 4.5 GPM.
Total flow rate for the sheer descent water feature is 12 GPM.
This renders 105 GPM total system flow rate.

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. This pool design will not exhibit EQ lines from the skimmers as the skimmers will be looped together as shown on PL-1.4 / detail 01.
8. All water features are calculated at a total flow rate of 21.0 GPM, putting the design within compliance of the 20% maximum rate which equates to 21.0 GPM based on 105 GPM overall flow rate.

Travis Heathman
Project Coordinator
Rotolo Consultants Inc.]