

E. W. Howell Co., LLC

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RFI

To: Alan Raphael  
BROOKHAVEN NATIONAL LABORATORY  
Project Modernization Office  
Upton, NY 11973-5000  
Ph: 631-344-5854

RFI #: 066  
Date: 8/2/2010  
Job: 03-09-16 BNL-Chilled Water Plant  
Phone:

CC: BILL Harrison, George Santorilla (BROOKHAVEN NATIONAL LABORATORY)

Subject: Air Outlet Submittal

Drawing: Spec Section:  
Cost Impact: None Schedule Impact: None

<b>Request:</b>	<b>Date Required:</b>
There are a few items on the returned air outlet submittal that require clarification:	
<ol style="list-style-type: none"> <li>1. The return grills are indicated as steel, however some are in aluminum ductwork.</li> <li>2. The supply grills are indicated as aluminum, however they are in steel ductwork.</li> <li>3. The engineer deleted dampers from return grilles, however there are no volume dampers shown in ductwork. How are we to balance the systems without dampers?</li> </ol>	
<b>Requested by:</b> Vincent Terraferma KSW MECHANICAL SERVICES, INC.	

<b>Response:</b>	
<p>1. PROVIDE STEEL GRILLES IN STEEL DUCTWORK AND ALUMINUM GRILLES IN ALUMINUM DUCTWORK.</p> <p>2. VOLUME DAMPERS ARE SHOWN IN THE LOW LEVEL RETURN AIR DUCTS SERVING THE OPERATING FLOOR AND PIPE TUNNEL. SEE MH-500 DETAIL 500J AS NOTED ON DRAWINGS MH-101 AND MP-303.</p> <p>PROVIDE VOLUME DAMPERS IN RETURN AIR GRILLS WHERE VOLUME DAMPERS ARE NOT SHOWN IN BRANCH DUCTS. FOR EXAMPLE RG-2 IN RETURN AIR BRANCH DUCTS SHOWN ON MH-101</p>	
<p style="text-align: center;"><u>W. Harrison</u></p> <p>Answered by _____</p> <p style="text-align: center;"><u>GIPPELS</u></p> <p>Company _____</p>	<p style="text-align: center;"><u>8-31-10</u></p> <p>Date _____</p>