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December 2, 2011

Marilyn Timpone-Mohamed, ASLA, AICP
Senior Associate
Frederick P. Clark Associates, Inc.
350 Theo Fremd Ave.
Rye, NY 10580

Re: *Response to John Meyer Consulting Comment Memo of 11-2-2011*
Subject: Third Utility Plan Submission Review
Lawrence Hospital Cancer Center and Operating Room Relocation Project
55 Palmer Ave, Bronxville, NY
Chazen Project # 81050.00

Dear Marilyn:

The following is a point by point response, for convenience, addressing comments in the John Meyer Consulting memo dated November 2, 2011. Chazen is providing response to the Utility Plan review.

Comment 1: The applicant should add a note to the plan indicating the intention for sanitary sewer service for the expansion. In addition, the applicant should confirm that the size and condition of the existing sanitary sewer line is adequate to handle the additional wastewater flow.

Response: A note indicating that the sanitary sewer waste line for the expansion will connect to the existing sanitary waste line has been added to the plans. See General Construction Note #17 on Sheet C-06, Utility Plan. Information on the adequacy of the existing sewer line will be provided if necessary.

Status: We believe the Building Inspector would want the plumbing engineer to confirm that the existing internal sanitary sewers and sanitary sewer service line have adequate capacity to handle the additional wastewater flow as a requirement for a Building Permit.

RESPONSE: The mechanical and plumbing consultant has looked into the internal sanitary sewer waste line for the expansion. The project is proposing to connect to an existing sanitary waste line. The existing sanitary sewer line has a grade drop of 1/8" fall/ft. As defined in the NY Plumbing Code Table 710.1(1), this existing line has a capacity of 700 fixture units. The

existing "North Tower" of the hospital that is currently contributing to the sanitary line has a 500 fixture unit count. It has been determined that the fixture unit count for the expansion is 187. Upon completion of the expansion, the total fixture count will be 687, below the 700 fixture unit count. Therefore, the existing sanitary line has sufficient capacity for the expansion.

Comment 2: Satisfactorily addressed.

Comment 3: Please clarify if the electric service will be provided on the east or west side of the expansion. The plan shows an electrical feeder line to a generator at the west side of the property and a proposed electric service on the east side of the addition heading towards Parkway Road. The above response indicates the utility service will now be provided on the west side of the addition, extending towards Parkway Road. Will a transformer be required for the new electric service and if so, where will it be located? Also, the applicant should indicate where and how the electric service will be connected to the Con Edison facilities.

Response: The new electric service will be provided on the east side of the addition heading towards Parkway Road and the feeder line for the generator will be located on the west side of the building. As a result of conversations with Consolidated Edison a transformer will be installed in a service vault. An approximate location has been indicated on Sheet C-06, Utility Plan.

Status: The note on Sheet C-06 "Utility Plan" should be revised because Consolidated Edison does not install the electric service vault.

RESPONSE: The Applicant and Consolidated Edison (Con Ed) have had several communications and site visits to discuss and review the power options for the Hospital's consideration. Based upon the equipment options, available power options, and the existing infrastructure, the Hospital is selecting a 208V system. The Hospital confirmed in May, 2011 with Michael Brown of Con Ed that the utility company will be installing the underground vault, etc. Therefore, the referenced note on the Utility Plan has not been changed.

Comment 4: Satisfactorily addressed.

If you have any questions or need anything further, please contact me at 845-486-1569.

Sincerely,



George Cronk, III, P.E.
Project Manager