

THE PORT AUTHORITY OF NY & NJOne World Trade Center
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January 29, 1982

TO: FARAG
2/2/82

Mr. Frederick Novotny, P.E.
Chief, Division of Sewer Regulation & Control
City of New York Department of Environmental
Protection
2358 Municipal Building
New York, New York 10007

FEB 03 1982

Re: THE WORLD TRADE CENTER - Dey Street Underpass

Dear Mr. Novotny:

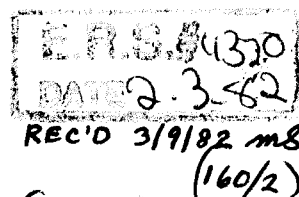
All the revisions you requested in your October 8, 1981 letter to me have been incorporated into Utility Agreement Drawing Nos. WTC-C1 through WTC-C7-81, except as follows.

Generally, specific details of sewer manholes, cradles, casings and subsoil conditions as well as similar elements of construction for participating utility companies have been omitted since the above drawings are only required to establish the lanes for each of the relocated utilities. Upon receipt of your approval, we will complete detailed Contract Drawings and submit them to you for approval. Note #1 of the General Notes on Drawing No. WTC-C3-81 confirms this procedure.

I understand that wherever Con Edison steam lines affect the sewer system they also will submit Contract Drawings for your review and approval.

The following are specific references to the comments in your October 8th letter using the same item numbers.

1. Drawing No. C-4 has been revised to show 4'-2" clear between the building and the steampipe casing, Class 56 ductile iron pipe on a Class "35" concrete cradle. Additional detail as noted above will be included in the final Contract Drawings.
2. A complete profile of the rerouted 18" sewer is provided on a new drawing, WTC-C7-81.
3. As you suggested, we attempted to redesign Manhole #3 as an "L"-shaped manhole but concluded that adjacent construction rendered that method impractical. We therefore returned to the original design with entrance to the sewer at the existing manhole. In a previous submission, you did not object to this method.



Writer's direct dial telephone:

466-4106 (CARLOCK)

THE PORT AUTHORITY OF NY & NJ

Mr. Frederick Novotny, P.E.

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4. The drawings have been revised to eliminate any interference of other utility lines with sewers. As mentioned above, complete structural details of Manholes No. 1 and 2 will be included in the forthcoming Contract Drawings which will be submitted for your approval.
5. General Note #7 on Drawing No. C-3 confirms that there are no house sewer connections. If any are found, they will be maintained and if disturbed, they will be reconnected.
6. The drawings have been revised to clearly differentiate between existing, new, rerouted or removed work.
7. Drawing No. WTC-C2-81 has been revised to show the 6" drain as a "6" Condensation Drain". This is not steam condensate, but rather condensation formed on the inside of the cold steel casing which protects the insulation. It is below the maximum 150°F temperature limit you specified.

Three (3) complete sets of the above revised drawings are hereby transmitted for your further review and approval. If you or your staff need any assistance, please contact me at 466-4106.

As you may know, this project will be undertaken by the Port Authority at the request of the City of New York. Nevertheless, we are anxious to progress it and would appreciate any consideration available to you to expedite it. Please let me know if I can help.

Sincerely,



James G. Carlock, P.E.
Project Administrator
World Trade Center Planning