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WATER CONTROL
J.T. MILLER P.E. DIR.

July 15, 1982

Mr. James G. Carlock, P.E.,
Project Administrator
World Trade Center Planning Division
The Port Authority of NY & NJ
One World Trade Center
New York, NY 10048

RE: Dey Street Underpass-
Utility Agreement, Drawing
Nos. WTC-C1 Through C7-81
Borough of Manhattan

Dear Mr. Carlock:

In reply to your submittal of plans with a letter dated June 10, 1982, be advised that these drawings are acceptable with regards to hydraulics and alignment of sewer. However, the following specific comments must be complied with.

- 1) Although section D-D on drawing WTC-C4- 81 shows the distance between the north building line and centerline of proposed 18" D.I. pipe as 2'-1" and also the distance between the centerline of proposed 18" D.I. pipe and outside of 16" steam main in 28" casing to be 2'-1", the plan as drawn on drawing No. WTC-C2-81 has not been revised to reflect this change. Please revise the plan to show the exact sewer alignment drawn correctly to scale.

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- 2) Details of non-standard manholes and any other special sewer structures along with structural calculations must be submitted for our review.
- 3) Submit details of the proposed construction sequence at that area for the sewer work in relation to other proposed facilities. It is required that extreme care shall be taken that the soil over which the manholes or the sewer pipe rest, will not be disturbed during construction work at that location.

The following general notes regarding proposed drainage work should appear on the contract plans.

- I) All backfilling underneath or above the proposed sewers shall be done in conformance with D.E.P. standards as stipulated in section 4.06 of D.E.P. specifications and its amendments.
- II) The D.I. pipe class 56 on a class 35 concrete cradle should have internally locked "Push-On" joints.

A marked-up copy of your submitted plans is enclosed herewith to illustrate the above comments. Please submit three (3) full sets of corrected plans, revised in accordance with these comments and those marked in red on the plans, for further review.

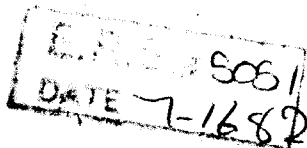
Encl.

cc: DiMartino
Novotny
Pocci/Khan
Oliveri/Long
Uriko
Campagna
Farag
Aggarwal (2)
Suspense

Very truly yours,

FREDERICK NOVOTNY, P.E., CHIEF
Div. of Sewer Regulation &
Control, Bureau of Sewers

RA:lp



THE PORT AUTHORITY OF NY & NJ

RECEIVED
BUREAU OF SEWERS

JUN 1 0 1982

DIVISION OF
SEWER REGULATION
AND CONTROL

June 10, 1982

One World Trade Center
New York, N.Y. 10048

(212) 466-7000
(201) 622-6600

TO: FARAG
6/10/82

Mr. Frederick Novotny, Chief
Division of Sewer Regulation and Control
Bureau of Sewers
City of New York Department of Environmental Protection
2358 Municipal Building
New York, New York 10007

Re: THE WORLD TRADE CENTER - Dey Street Underpass - Utility Agreement
Drawing Nos. WTC-C1 through C7-81

Dear Mr. Novotny:

As requested in your letter of May 28, 1982, provided herewith are three (3) sets of the referenced drawings which were prepared to establish the lanes of all relocated utilities as noted in my letter to you of January 29, 1982 and as General Note #1 on Drawing No. WTC-C3.

They have been revised to conform to all your comments except for the addition of the construction details for non-standard manholes and other special sewer structures. These details are presently being included on the Contract Drawings which, when completed, will be submitted to you for your review and approval.

Sincerely,

James G. Carlock

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

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Writer's direct dial telephone: 466-4106