

May 28, 1982

Gerard F. Reninger, P.E.,
 Director
 Arterial Highways Coordination
 NYC Dept. of Transportation
 Bureau of Transportation Planning
 51 Chambers Street (Rm. 423)
 New York, NY 10007

RE: 5396 WTC; Relocation of
 River Water Intake lines and
 other Utilities, World
 Trade Center, Borough of
 Manhattan

Dear Mr. Reninger:

In reply to your submittal of plans for the referenced project with a letter dated May 5, 1982, and a subsequent meeting held on May 25, 1982, please be informed of the following comments of this Department:

- 1) Specific comments cannot be given at this time because the submitted plans do not contain sufficient information regarding the exact relationships between the proposed work and the existing sewers. The plans should be revised to show the existing sewers in plan, profile and section drawings wherever they occur in proximity to the proposed water intake lines and all other work to be done on this contract.
- 2) The revised plans should indicate whether the "new" storm drains (N.I.C.) located approximately at N4400/W10600, are scheduled for construction before or after the proposed work shown on this submittal.

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- 3) All details of the proposed method of support and/or protection of existing sewer facilities, located in proximity to proposed work, should be shown on the plans. Sewers located in areas where pile driving operations are proposed (or any other work which may cause damage to the sewers), may require inspection. Any and all damage done to existing sewer facilities during the course of the proposed work shall be reported to this Department and repaired, in full conformance with N.Y.C.D.E.P. standards, at no cost to the City.
- 4) The proposed method of disposal of groundwater should be indicated on the plans. If City sewer facilities are to be used as an outlet for dewatering operations, all the details should be submitted to NYCDEP for review and approval. Such details should include; points of discharge, method of sewer connections, rates and durations of expected flows, design of all piping, design of settling basins, provision for continuous printing meters, location and description of well points, and any other pertinent details of the dewatering system.
- 5) If any proposed sewer work is contemplated as part of this project all the details should be shown on the plans.
- 6) There is a reference note on drawing CDS-1 indicating that utility relocations are shown on Dwg. WTC-1 and following. These utility drawings should be included with the next submittal.
- 7) For ease of reading, an attempt should be made to coordinate the various drawings in relation to each other. The existing sewers shown crossing the electric ducts on plan drawing E-1 should be shown also on the profile drawing E-4. In addition, a key plan should be provided showing the proposed intake lines in relation to the streets and building lines in the project area.

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Review of this project will be continued upon receipt of three (3) complete sets of plans, revised in conformance with all of the above comments. These comments are marked in red on the enclosed plans. Please be advised that no work should be started until final approval of the contract plans has been granted by this Department.

Encl.

Very truly yours,

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

cc: DiMartino
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Oliveri/Long
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