


JOHN CILO, JR. ASSOCIATES, INC.
PROFESSIONAL ENGINEERS, PLANNERS AND LAND SURVEYORS



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MEMO TO FILE

From: John Cilo, Jr., P.E., Borough Engineer 

Re: *Notes of October 20, 2004 Meeting
Sewer Capacity and Transmission Main
JCA #04-3557*

Date: November 4, 2004

Present at the meeting were the following:

- Glen Kienz, Esq.
- Jack Flood, American Associates
- Jack Sharp, Fred Yeorg Associates
- Fred Yeorg, Fred Yeorg Associates
- John Cilo, Jr., P.E., Stanhope Borough
- John Ruchke, P.E., Hopatcong Borough
- Christine Mittmay, D.R. Horton

The purpose of the meeting was to discuss sewer capacity from the Borough of Stanhope in allotment and a water transmission main through the Borough of Stanhope.

Mr. Flood advised that the New Jersey American Water Company has a surplus of water and wishes to acquire customers. The developer of the 700 unit project in Hopatcong Borough wishes to become a customer of the Water Company, so that the Water Company can provide water to the Village Grande project.

The Water Company advised that the water either has to flow through the Borough distribution system to the project, or via a transmission main which may or may not interconnect with the Stanhope Borough distribution system. The transmission main would connect to the Water Company main at Mount Olive and traverse through Stanhope to reach the new bridge over the railroad at the Stanhope/Hopatcong municipal boundary line.

The main would be located along the New Jersey Department of Transportation I-80 right-of-way, thence along a part of to Route 206, thence along Dell Road to the High Point boundary line, across Stanhope Borough Board of Education property to Lenape High School property and through the center of the school complex to Sparta Road, along Sparta Road to the new railroad bridge at the municipal boundary line along Sparta Road at County Line Road—Hopatcong Borough to the Complex. There is a proposed booster station to be sited on the Musconetcong Utilities Authorities property.

It was suggested that Young's Drive should be used rather than Dell Road. Dell Road is newly constructed.

Mr. Flood opined that interconnection with the Stanhope water distribution system could be made along the way, e.g. to tie into the High Point complex, the Lenape High School complex, and also to the existing 8 inch diameter Borough main in Sparta Road.

The Borough Engineer advised that the current thinking of the Borough officials is for the transmission main to be sterile, i.e., no interconnection with the Stanhope distribution system.

Mr. Flood advised that the main could be designed to provide fire hydrants in the Lenape High School complex. The Borough Engineer advised that in the present climate, the installation of the water main through the Lenape High School complex would be subject to negotiations between the Lenape Board of Education and the New Jersey American Water Company.

Mr. Yeorg advised that, in order to deliver the daily flow requirement at ISU approved pressures, the diameter of the main would have to be 12 inches or larger, since he does not have a precise route and elevations. There was a proposal made by Mr. Flood to do a test well in Reeve Street if the Borough was so inclined.

The question of sewer gallonage was presented by Mr. Flood. Mr. Flood explained that sewer need for the proposed complex was for 700 units x 225 gallons/unit or 127,500 gallons/day of the sewer allotment. The 225 gallons/day is the New Jersey Department of Environmental Protection standard.

The amount of the gallonage that the Borough is considering to commit to was not discussed. The Borough Engineer advised that the Mayor and Council had commissioned a study regarding the projected sewage requirements of the Borough for future development. The sale of sewer capacity would be made to Hopatcong Borough.

JC/ls

Mayor Diana Kuncken
Teri Massood, Administrator
Susan Durham, Acting B.E.
All Present