

LAN ASSOCIATES

Memo to File #2.2961.05
Boonton BOE/Addition/Renovations
@ John Hill School

June 29, 2010

From: Richard Wostbrock

Subject: Site Visit of 6/29/10

The writer made a site visit as part of the sanitary sewer investigation for the above subject project. The following items were noted:

1. The writer met with Mr. Jim Evans and one of his staff to review the sanitary sewer connections from the school.
2. Upon the writer's arrival, Mr. Evans had exposed a manhole near the northwest corner of the building. This manhole is approximately 15' off of the edge of existing pavement. It will be located in greater detail by LAN's survey crew scheduled to be on site on Thursday, 7/1/10.
3. The manhole is approximately 3' x 3' x 4' deep from rim to invert and has 6" to 8" of topsoil lawn over it.
4. There is a 6" pipe entering the manhole and a 5" cast iron pipe exiting it.
5. Mr. Evans also described an old vault probably part of a former septic system in the general vicinity. He indicated that approximately 20 years ago, the BOE's covered the vault with concrete slabs. There is no access hatch.
6. Mr. Evans also recalled that, in the past, this section of sanitary sewer had been snaked with as much as 200' of cleaning snake. It is believed that the pipe runs independent of the old (abandoned) vault.
7. Record drawings indicate 3 discharged laterals from the building. The writer and Mr. Evans walked the school basement to identify different sections. Based upon the history of maintenance, it is believed that the record drawings may not be completely accurate. It is believed that there is one discharge at the northwest corner of the building, which leads to the manhole exposed today. This lateral collects discharge from along the front of the building.
8. From the kitchen and bathrooms above, it is believed that the sewer runs under the floor towards the rear of the building and then discharges out of the southeast corner of the building. It is believed that this discharges directly to the downhill manhole nearest the bleachers, not to the line shown on the record drawings.
9. While also at the district, the writer met with Ms. Pam Ranco. The writer was informed that the BOE authorized at last night's meeting both the geotechnical and sanitary investigation proposals.
10. It was noted that the sanitary proposal from the contractor was not in a lump sum form, which is typically preferred by BOE's for purposes of a purchase order. Ms. Ranco indicated that she had estimated a lump sum for this effort. The writer anticipates one day of work. The writer indicated that LAN's effort for this investigation was not included in that proposal and LAN was performing services at our expense.

11. With regards to the geotechnical proposal, it was questioned by one of the Board members whether a previous investigation had been performed. The writer confirmed that yes, one had been performed by the former design team and subsequent to LAN's proposal, we had received a copy of their investigation report. Based upon the information obtained, it is our opinion that sufficient information is available for the north wing addition. The caveat is that during the permit review process, the Code Official may require signed and sealed copies of the document, which would need to be obtained from the report's author. At this time, LAN is requesting authorization for the scope of work associated with the 'link' addition only. This is the fieldwork scheduled for Thursday and Friday of this week.

The writer indicated he would provide the district with a copy of the report we received for their record.

12. Also while on site, the writer met Bob, the head custodian, of John Hill School and enlightened him of the fieldwork scheduled for Thursday. Official notification to the Town Recreation program would be through the BOE office.



Richard Wostbrock

RW:ks/P:\200-AE\2900-2999\2961\2961.05\Admin\Memos\296105MTFSiteVisit062910.doc6/30/20109:35:38 AM

cc: Dr. Christine Johnson (Via Email: christine.johnson@boontonschools.org)
Ms. Pam Ranco (Via Email: pamela.ranco@boontonschools.org)
File #2.2961.05