



**DeLUCA HOFFMAN ASSOCIATES, INC.
CONSULTING ENGINEERS**

778 MAIN STREET
SUITE 8
SOUTH PORTLAND, MAINE 04106
TEL. 207 775 1121
FAX 207 879 0896

Site Visit Week of: July 26-July 30, 2010		Job No.: 1599.52.02
Project: Saco Central Fire Station		
Location: Saco, Maine		
Contractor: Pizzagalli Corp.	Owner: City of Saco	
Present at Site:		
Joe Newton, DeLuca-Hoffman Associates, Inc.		
G. Richards, Pizzagalli Corp.		

TO:	Bob Hamblen – City of Saco
	Angela Blanchette – City of Saco
	John Duross – Saco Fire Department
	Ed Dube – Saco Fire Department
	Grit Richards – Pizzagalli Corp.

- Peters Construction Co. was on site with the following personnel and equipment:

Personnel

- 1 – Superintendent – T. Peters
- 2 – Operator
- 1 – Engineer
- 1 – Laborer
- 4 – Truck Drivers

Equipment

- 1 – Volvo 290 Excavator
- 1 – Volvo Front End Loader
- 1 – Komatsu Dozer
- 1 – I/R Vib Roller Compactor
- 4 – Dump Trucks

- Lajoie Bros. Construction Co. was on site with the following personnel and equipment:

Personnel

- 1 – Foreman
- 4 – Carpenters/Steelworkers

- Gillespie GeoTech Co. on site with compaction testing equipment.

1. During the on-site construction inspection, the following items were observed:

July 26, 2010

- Peters Construction Co. crew placed and compacted gravel in interior of building slab near “A” line and loaded out top soil for offsite disposal. Refer to Photo 1 (4497).
- Lajoie Bros. Construction Co. crew installed wall forms at the south and north walls, installed reinforcing steel in north and west foundation walls. Refer to Photo 2 (4502).
- Gillespie GeoTech performed compaction tests on first lift of gravel. All tests passed.

July 27, 2010

- Peters Construction Co. crew excavated around existing 4” PPE gas piping, raised piping to install the 12” storm drain pipe to existing catch basin in the North Street shoulder under gas company supervision, 2 men. Crew installed catch basin No. 9 and connected 6” ADS underdrain piping. Refer to Photo 3 (4508).
- Lajoie Bros. Construction Co. crew installed forms and reinforcing steel in central wall foundation and in elevator sump. Crew placed approximately 25 cubic yards of concrete in those forms. Refer to Photo 4 (4515).
- Gillespie GeoTech Co. on site to test concrete and take samples.
- Titon Mechanical Co. crew – 1 Foreman and 3 Plumbers performed layout of plumbing pipe lines along “A” line.

July 28, 2010

- Peters Construction Co. crew excavated plumbing pipe trenches along "A" line. Crew excavated and installed for 12" ADS drain pipe from catch basin No. 5 to catch basin No. 8. Crew excavated for 12" ADS drain pipe from catch basin No. 7 to catch basin No. 9. Refer to Photo 5 (4525).
- Lajoie Bros. Construction Co. crew completed foundation forms on east wall of Apparatus Bay and north wall, completed forms and reinforcing steel in the west wall building entrance area. Crew placed approximately 32 cubic yards of concrete in completed forms. Refer to Photo 6 (4527).
- Titon Mechanical Co. crew installed 4" PVC sanitary piping under slab first floor administration area. Refer to Photo 7 (4523).
- Gillespie GeoTech Co. on site to test concrete and take samples.

July 29, 2010

- Peters Construction Co. crew excavated for under slab plumbing piping, back filled piping and compacted gravel to subgrade. Refer to Photo 8 (4536).
- Lajoie Bros. Construction Co. crew stripped forms on concrete placed 7-28, installed reinforcing steel in forms on "C" line foundation wall and elevator sump walls. Refer to Photo 9 (4544).
- Titon Mechanical Co. crew installed 4" PVC sanitary piping with 2" PVC vents and 3" PVC branch piping. Crew pressure tested installed piping at 5 psi air. City Plumbing Inspector approved test results. Refer to Photo 10 (4539).

July 30, 2010

- Peters Construction Co. excavated for plumbing piping trenches in administration area. Refer to Photo 11 (4560).
- Lajoie Bros. Construction Co. crew installed reinforcing steel and forms in foundation walls on "C" line, elevator sump walls and north wall of the Apparatus Bay. Crew placed 22 cubic yards of concrete in those forms. Refer to Photo 12 (4556).
- Gillespie GeoTech Co. on site to test concrete and take samples.
- Tilton Mechanical Co. crew continued installing plumbing piping under slab in administration area. Refer to Photo 13 (4561).
- City Inspector on site to inspect the concrete forms and reinforcing. All approved.

2. Issues:

- No new ones to date.



Photo 1 (4497): Shows Peters Construction Co. crew placing and compacting gravel on subgrade of interior of fire station at "A" line.



Photo 2 (4502): Shows Lajoie Bros. Construction Co. crew installing reinforcing steel in wall on north side of Central Fire Station.



Photo 3 (4508): Shows Peters Construction Co. crew raising existing 4" PPE gas main piping along North Street.



Photo 4 (4515): Shows Lajoie Bros. Construction Co. crew placing concrete in central wall footing and elevator sump footing.



Photo 5 (4525): Shows Peters Construction Co. crew installing 12" ADS storm drain piping from catch basin No. 7 to catch basin No. 9..



Photo 6 (4527): Shows Lajoie Bros. Construction Co. crew placing concrete in wall forms west wall of Central Fire Station.



Photo 7 (4523): Shows Titon Mechanical Co. crew has installed 4" PVC sanitary piping under slab, first floor of administration area of Central Fire Station.



Photo 8 (4536): Shows Peters Construction Co. crew has excavated for Titon Mechanical Co.'s crew to install sanitary piping under slab of administration area.



Photo 9 (4544): Shows Lajoie Bros. Construction Co. crew has placed reinforcing steel in wall forms on "C" line of building.



Photo 10 (4539): Shows Titon Mechanical Co. crew has installed sanitary piping in subgrade of administration building area.



Photo 11 (4560): Shows Peters Construction Co. crew has excavated for sanitary piping below first floor slab of administration area.



Photo 12 (4556): Shows Lajoie Bros. Construction Co. crew placing concrete in wall forms on "C" line.



Photo 13 (4561): Shows Titon Mechanical Co. crew installing sanitary piping under first floor slab of administration area.

Prepared by: Joe Newton, Construction Monitor

Site Visits – Week of July 26-July 30, 2010