



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

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SUITE 8  
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<b>Site Visit Week of:</b> September 20 to September 24, 2010		<b>Job No.:</b> 1599.52.02
<b>Project:</b> Saco Central Fire Station		
<b>Location:</b> Saco, Maine		
<b>Contractor:</b> Pizzagalli Corp.	<b>Owner:</b> City of Saco	
<b>Present at Site:</b>		
Joe Newton, DeLuca-Hoffman Associates, Inc.		
G. Richards, Pizzagalli Corp.		

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

- **Nate Libby Masonry Construction Co.** was on site with the following personnel and equipment:

Personnel

- 1 – Superintendent, Nate Libby
- 7 – Masons
- 5 – Mason Tenders

Equipment

- 1 – High Forklift
- 1 – Cement Silo & Mixer

- **Titan Mechanical Co.** crew was on site with the following personnel:

Personnel

- 1 – Foreman
- 2 – Plumbers

- **Dirago Drywall Co.** was on site with the following personnel and equipment:

Personnel

- 1 – Foreman
- 3 – Framers

Equipment

- 2 – Scissors Lifts
- 1 – Forklift

- **B.H. Millekin Electrical Co.** was on site with the following personnel:

Personnel

- 1 – Foreman
- 1 – Electrician

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

**September 20, 2010**

- Titan Mechanical Co. crew installed plumbing piping in the Administration Area 1<sup>st</sup> floor elevation. Refer to Photo 1 (0319).
- B.H. Milliken Electrical Co. crew installed receptacle and switch boxes with riser conduits to above the ceiling height on the 1<sup>st</sup> floor Administration Area. Refer to Photo 2 (0320).
- Nate Libby Masonry Construction Co. crew installed concrete masonry blocks in the training tower walls and the elevator shaft walls. Refer to Photo 3 (0316).
- Dirago Drywall Co. crew installed framing for the parapet wall 2<sup>nd</sup> floor roof elevation; layout and installed sills for the interior partitions in the Administration Area 1<sup>st</sup> floor. Refer to Photo 4 (0326).

**September 21, 2010:**

- Peters Construction Co. crew, 1 – Engineer, 1 – Operator, 3 – Truck Drivers with 1 – Volvo 140 Excavator and 3 – Dump Trucks were on site. Backfilled and compacted sand and common fill in the excavated area for the geothermal wells and associated piping. Refer to Photo 5 (0347).

- Titan Mechanical Co. crew installed sanitary piping and vent piping in the mechanical room 1<sup>st</sup> floor elevation. Refer to Photo 6 (0332).
- B.H. Milliken Electric Co. crew installed electrical conduits for the interior walls 1<sup>st</sup> floor elevation Administration Area. Refer to Photo 7 (0350).
- Nate Libby Masonry Construction Co. crew installed concrete masonry blocks in the training tower walls and the elevator shaft walls. Refer to Photo 8 (0336).
- Dirago Drywall Co. crew installed exterior wall framing west wall entrance area 2<sup>nd</sup> floor elevation and 1<sup>st</sup> floor elevation. Refer to Photo 9 (0337).
- Peters Construction Co. crew installed 12" storm drain piping through the geothermal well excavated area and installed 4" of Styrofoam insulation under the pipe in the areas of the geothermal well supply and return piping to the mechanical room. Refer to Photo 10 (0351).
- Nate Libby Masonry Construction Co. crew completed the elevator shaft walls to the underside of the roof sheeting.

### **September 22, 2010**

- J. Newton of DeLuca-Hoffman Associates, Inc. not onsite for inspection.

### **September 23, 2010**

- Peters Construction Co. crew excavated for power conduits to the light pole bases western area of the Fire Station site. Refer to Photo 11 (0363).
- Titan Mechanical Co. crew installed sanitary and vent piping 1<sup>st</sup> floor elevation Administration Area. Refer to Photo 12 (0367).
- B.H. Milliken Electrical Co. crew – Foreman only preparing electrical boxes and conduits for the masonry contractors to install in the masonry walls and installing conduits to the light pole bases and beacon poles. Refer to Photo 13 (0364).
- Dirago Drywall Co. crew continued framing front entrance area 2<sup>nd</sup> floor elevation and installed DensGlass sheeting 1<sup>st</sup> floor exterior Administration Area. Refer to Photo 14 (0365).
- Green Mountain Communication Co. crew was on site with 1 – Foreman, 2 – Steelworkers, Crane Operator with 1 – Crane. Crew completed assembling the communication tower sections.

### **September 24, 2010**

- Titan Mechanical Co. crew installed sprinkler system control valving in the mechanical room and sanitary and vent piping, 1<sup>st</sup> floor elevation in the Administration Area. Refer to Photo 15 (0385) and Photo 16 (0387).
- B.H. Milliken Electrical Co. crew installed conduits in 2<sup>nd</sup> floor elevation of the Administration Area. Refer to Photo 17 (0395).
- Nate Libby Masonry Construction Co. crew installed concrete masonry block in stairway west end of the Administration Area and demoing the lower window openings in the training tower as they are the wrong size as proposed in the plans. Refer to Photo 18 (0379).
- Dirago Drywall Co. crew installed wall framing 2<sup>nd</sup> floor elevation Administration Area and installed DensGlass sheeting 1<sup>st</sup> floor entrance area and south wall of Administration Area. Refer to Photo 19 (0389).
- Davis Erectors Co. crew was on site with 1- Foreman, 1 – Steelworker, 1 – Crane Operator. Crew installed roof bar joists in the Apparatus Bay Area and installed the winch hoist beams in the training tower roof. Refer to Photo 20 (0401).

- Pizzagalli Corporation crew was on site with 1 – Foreman. Crew installed wood blocking around window openings in north wall of the Fire Station. Refer to Photo 21 (0381).
- SMR Roofing Co. crew installed plywood sheeting on the parapet walls of the roof of the Administration Area. Foreman, 3 – Roofers. Refer to Photo 22 (0397).
- Green Mountain Communications Co. crew – Foreman, 2- Steelworkers, Crane operator. Equipment: 1 – Crane. Erected the communication tower on its bases.



Photo 1 (0319): Shows Titan Mechanical Co. crew installing sanitary plumbing piping 1<sup>st</sup> floor Administration Area.

Photo 2 (0320): Shows B.H. Milliken Electrical Co. crew installing conduits in the Administration Area.



Photo 3 (0318): Shows Nate Libby Masonry Construction Co. crew installing concrete blocks in training tower walls.

Photo 4 (0326): Shows Dirago Drywall Co. crew installing framing in parapet walls in Administration Area.



Photo 5 (0347): Shows Peters Construction Co. crew backfilling and compacting material over the geothermal well piping.



Photo 6 (0332): Shows Titan Mechanical Co. crew installing vent piping in mechanical room, 1<sup>st</sup> floor Administration Area.



Photo 7 (0350): Shows B.H. Milliken Electrical Co. crew installing conduits for the interior walls, 1<sup>st</sup> floor Administration Area.



Photo 8 (0336): Shows Nate Libby Masonry Construction Co. crew installing concrete blocks in the elevator shaft walls.



Photo 9 (0337): Shows Dirago Drywall Co. crew installing exterior wall framing west wall of the entrance area.



Photo 10 (0351): Shows Peters Construction Co. crew installing 12" ADA storm drain piping through the geothermal well area.



Photo 11 (0363): Peters Construction Co. crew has excavated for the electrical conduits to the light pole bases.



Photo 12 (0367): Shows Titan Mechanical Co. crew installing sanitary and vent piping in 1<sup>st</sup> floor elevation Administration Area.



Photo 13 (0364): Shows B.H. Milliken Electrical Co. crew has installed electrical conduits to the sign area and the light pole bases.



Photo 14 (0365): Shows Dirago Drywall Co. crew installing exterior wall framing 2<sup>nd</sup> floor elevation.



Photo 15 (0385): Shows Titan Mechanical Co. crew installing plumbing piping



Photo 16 (0387): Shows Titan Mechanical Co. crew has installed the sprinkler system control valve in the mechanical room.



Photo 17 (0395): Shows B.H. Milliken Electrical Co. crew installing conduits to 2<sup>nd</sup> floor elevation.



Photo 18 (0379): Shows Nate Libby Masonry Construction Co. crew demoing window openings in the training tower wall.



Photo 19 (0389): Shows Dirago Drywall Co. crew installing DensGlass sheathing on the south wall of the Administration Area.



Photo 20 (0401): Shows Davis Erector Co. crew installing structural bar joists in the roof of the Apparatus Bay.



Photo 21 (0381): Shows Pizzagalli Corp. crew installing wood blocking around the window openings north wall of the Fire Station.



Photo 22 (0397): Shows SMR Roofing installing plywood sheeting on the parapet walls of the roof of the Administration Area.