

## Kathleen Ramsay

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**From:** Thomas Hanley <THanley@middleburypolice.org>  
**Sent:** Tuesday, September 04, 2018 9:15 AM  
**To:** Kathleen Ramsay  
**Subject:** Natural Gas Conversion  
**Attachments:** VHV\_Service\_Proposal.pdf; 2018-08-28Gas Sizing-Revised.pdf

Kathleen,

Attached is the final quote for converting the police building to Natural Gas. \$9,800. The original estimate from earlier this year was about \$1,700. We had originally planned this conversion, the selling point being that the reduced fuel cost would cover the cost of the conversion in year 1. The estimated cost saving from the study in February was \$4,750 per year. This is far short of being budget neutral this year with the revised estimate.

We do not have a budget for this expense. The complicating issue here is that with the board action this past winter approving the transition from propane to Natural Gas, I don't know if this legally obligated us to convert to natural gas since we signed an agreement with Vermont Gas.

Tom H.

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**From:** John Duggan [mailto:jduggan@vhv.com]  
**Sent:** Friday, August 31, 2018 8:47 AM  
**To:** Thomas Hanley  
**Subject:** Gas Piping Upgrade Proposal

Good morning Chief,

It was nice to meet you yesterday and get a chance to see your facility. As discussed the gas service is not adequately sized for the natural gas service. The attached proposal and piping schematic is to replace the existing piping system to meet the loads for natural gas conversion. Please return signed copy and we will schedule the work accordingly. Please contact me directly with any thoughts or concerns.

Sincerely,

-John

**John M Duggan | Service Sales Account Manager**  
**VHV Company – 100% Employee Owned**  
16 Tigan St., Winooski, VT 05404  
T: 802.655.8805 C: 802.316.0210

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August 31, 2018

Chief Thomas Hanley  
Middlebury Police Dept.  
1 Lucius Shaw Lane  
Middlebury, VT 05753

Subject: Piping Upgrades Equipment Convert to Nat. Gas.

Chief Hanley,

VHV is pleased to provide a price for labor and materials to convert your existing equipment from liquid propane (LP) to natural gas (NG). This project will require gas piping upgrades, per NFPA pipe sizing guidelines.

This project will include disconnection and capping of existing LP system as needed. New NG piping system will connection to recently installed NG service, with external piping on roof. Unit heater piping will require roof penetration which is included in this proposal. Costs associated with conversion kits and startup are included in this proposal.

**Scope of Demo Work:**

- Isolate LP services as needed.
- Cap existing LP piping at main penetration and at equipment location as needed. Internal and rooftop penetration LP piping to remain intact as discussed.

**Scope of New Work:**

- Provide material and labor to install NG piping to serve existing (6) RTU's and (1) unit heater.
- Provide material and labor to test gas piping as needed.
- Provide material and labor to paint exterior gas piping as needed.
- Provide material and labor to convert equipment as needed.
- Provide startup to ensure systems are working properly.

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Sheet:

No.	Date	Description
1	10/10/02	ISSUED FOR L&P & BIDDING
2	11/14/02	REVISED FOR CONSTRUCTION
3	01/08/03	CONSTRUCTION REVISIONS
4	07/28/03	Final Design

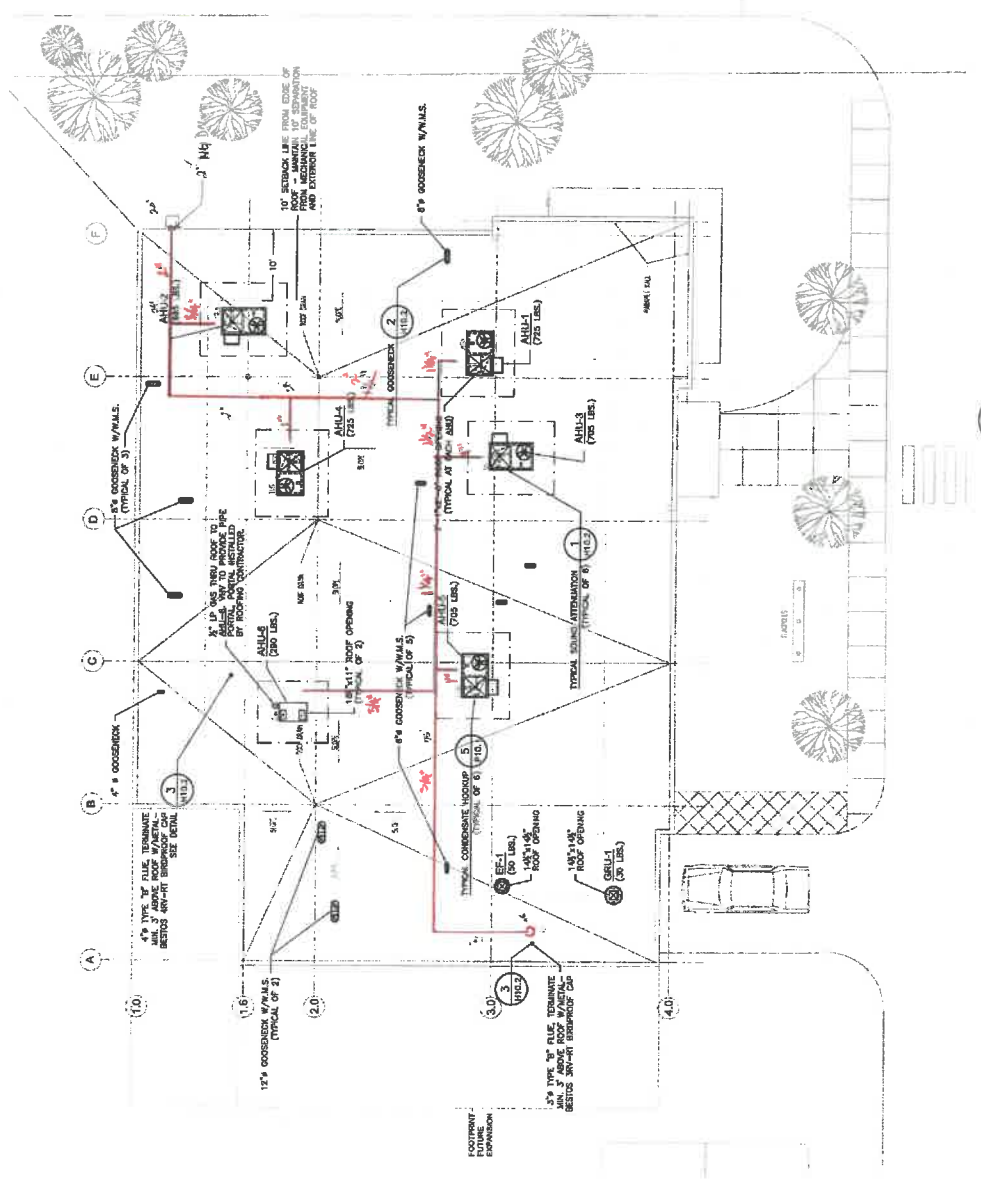
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**Middlebury  
Police  
Department**  
Middlebury, Vermont

Proj. No.: 0778  
Client: CP  
Date: 09/15/03  
Sheet Title

**ROOF PLAN -  
HVAC**  
Sheet Number

## H-2.3



ROOF PLAN - HVAC  
SCALE: 1/8" = 1'-0"