

DEPARTMENT OF BUILDINGS & GENERAL SERVICES

PROJECT COST ESTIMATE – ADJUSTED TO JULY, 2017

(Original estimate prepared November 11, 2014 and revised October 25, 2015)

Project Name: **Forensics Laboratory - New Blood Analysis Lab**

Location: Department of Public Safety
45 State Drive
Waterbury, Vermont

Construction Cost:

MEP:

• Ductwork/VAV Boxes/Snorkel	\$60,000	
• HVAC Piping & Valves	\$13,000	
• Plumbing Waste & Vent Piping	\$10,000	
• Hood, Hood Rigging & Installation	\$37,000	
• Electrical - outlets, lighting changes, hood circuit	\$ 8,000	
• Sprinkler – relocate heads and piping as req.	\$ 5,000	
• Controls Integrations & Graphics	\$10,000	
• Room Pressure	\$ 2,000	
• Miscellaneous	\$20,000	
• Ductwork 'As-Built' Adjustments Contingency	\$20,000	
• <u>Balancing</u>	<u>\$15,000</u>	
Subtotal		\$200,000

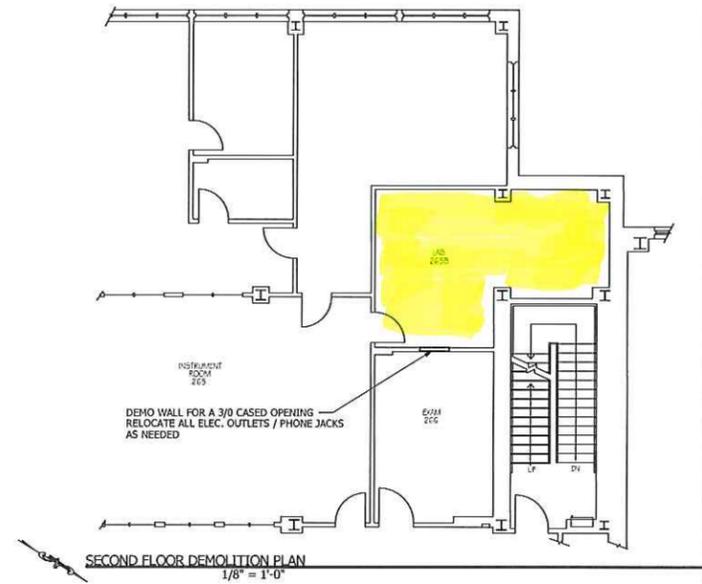
Architectural:

• New Door Opening	\$ 5,000	
• (2) New Lab Cabinets & Countertops	\$10,000	
• Gas Cylinder Storage Rack	\$ 2,000	
• Painting	\$ 5,000	
• Ceilings	\$10,000	
• Floor Patching	\$ 3,000	
• Miscellaneous	\$ 5,000	
• <u>GC Coordination of Subcontractors</u>	<u>\$20,000</u>	
		\$ 60,000
• General Conditions [10%]		\$ 26,000
• <u>Overhead & Profit [20%]</u>		<u>\$ 57,200</u>
	Total Construction Costs	\$343,200

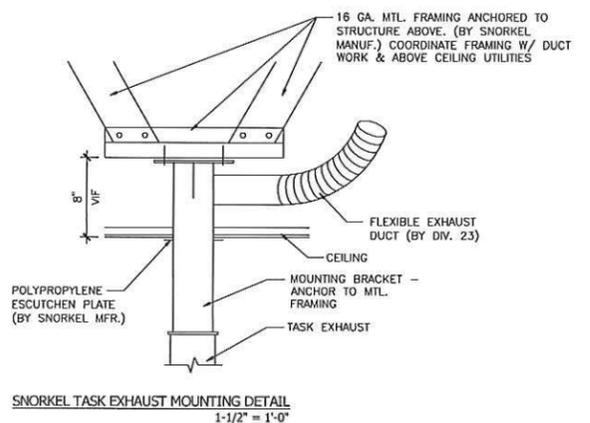
Other Construction Related Costs:

• MEP Consultant (including As-Built) [10%] (Assumes BGS does Architectural work 'in house')	\$ 34,200	
• Clerk-of-the-Works (2 hours per day x 6 months)	\$ 14,000	
• <u>Bonds & Insurance [2.5% of construction]</u>	<u>\$ 8,600</u>	
		\$ 56,800
	SUBTOTAL	\$400,000
• <u>Project Contingency [15%]</u>		<u>\$ 60,000</u>
	11/2014 TOTAL	\$460,000

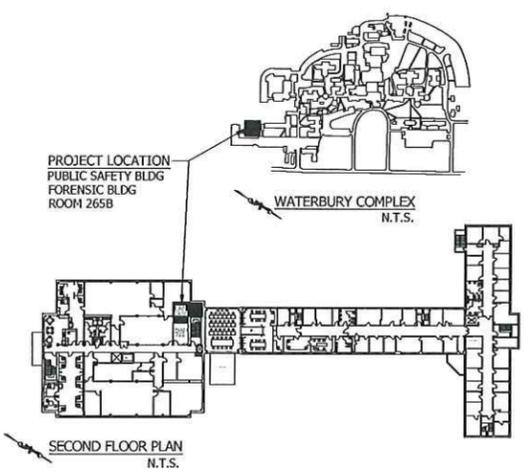
Upcharge to begin construction in July of 2017: **ADD 15%** **\$ 70,000**
ADJUSTED TOTAL **\$530,000**



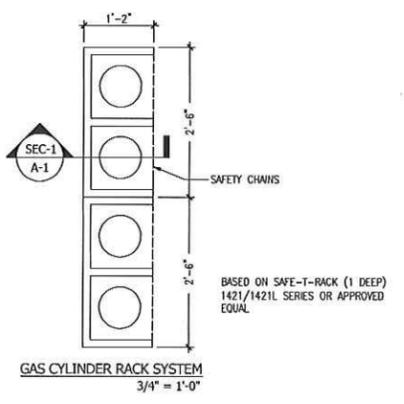
SECOND FLOOR DEMOLITION PLAN
1/8" = 1'-0"



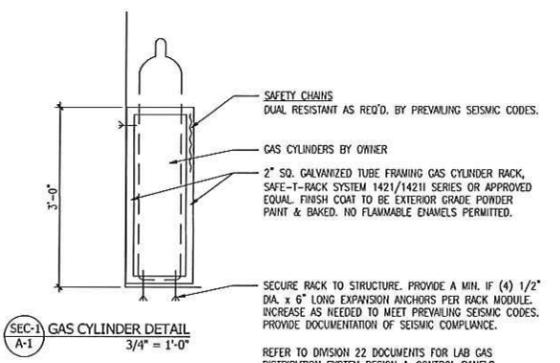
SNORKEL TASK EXHAUST MOUNTING DETAIL
1-1/2" = 1'-0"



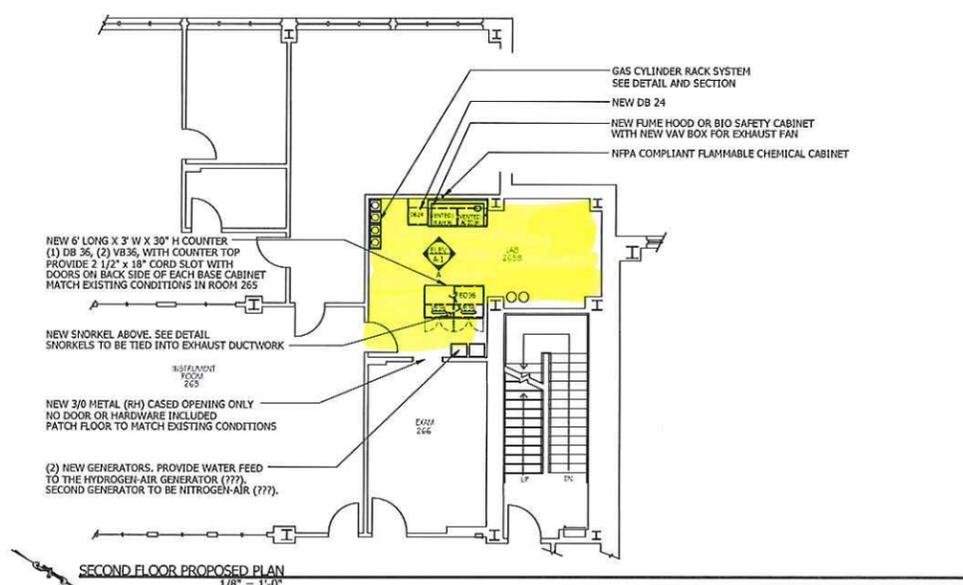
SECOND FLOOR PLAN
N.T.S.



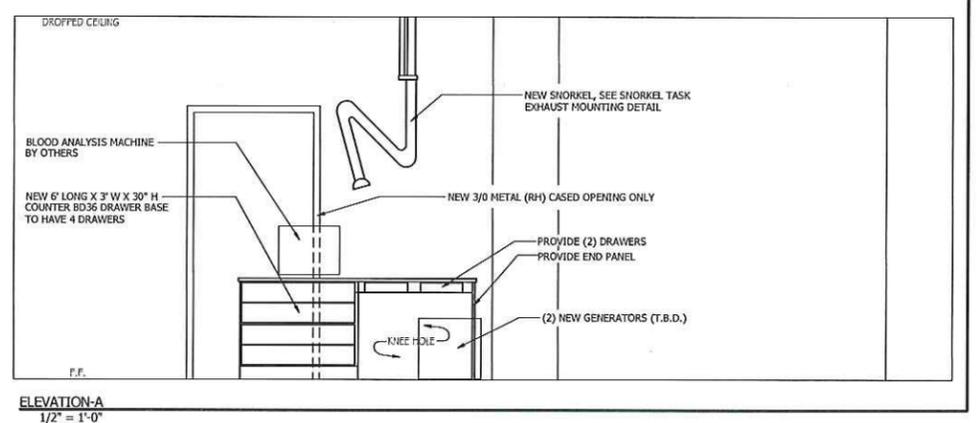
GAS CYLINDER RACK SYSTEM
3/4" = 1'-0"



GAS CYLINDER DETAIL
3/4" = 1'-0"



SECOND FLOOR PROPOSED PLAN
1/8" = 1'-0"



ELEVATION-A
1/2" = 1'-0"



STATE OF VERMONT
Department of Buildings
and General Services
Agency of Administration
Montpelier, Vermont



FORENSIC LAB
WATERBURY COMPLEX
BLOOD LAB RENOVATIONS (ROOM 265B)

REVISIONS	AS NOTED
R.B.H. 05-13-14	DATE: MAY 2014
R.B.H. 05-30-14	DRAWN BY: R.B. HEFURN
	APPR. BY: JOHN OSTRUM

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