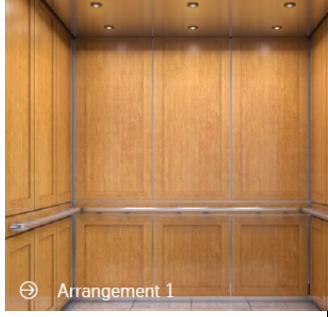





75 York Street
Portland, Maine 04101
phone 207 772 4656
fax 207 828 4656
www.simonsarchitects.com

MEMORANDUM: Elevator Analysis

date: Tuesday, August 06, 2019, 1:00 pm
project: Cumberland Historical Society & Prince Memorial Library, 2019-0120
location: Cumberland Town Hall
prepared by: Austin Smith Scott Simons Architects
meeting title: Elevator Analysis

				
Option	Full Service Stretcher Compliant Elevator	Limited Use / Limited Access Elevator. (LULA)	Wheel Chair Lift	Material Lift
Basis of Design	Canton Holeless Hydraulic	Symmetry	Savaria Vertical Platform Lift Model V-1504	Auto Quip Mechanical 4 Post VRC
Platform Size	84" by 69"	42" by 60"	36" by 54"	
Capacity	2,500 pounds	1,400 pounds	750 pounds	4,000 pounds
Speed	100 FPM	30 FPM	8 FPM	144 FPM
Power Requirement	3 Phase Power	Single Phase Power	Single Phase Power	Single Phase Power
Limitations	48" pit required w/ sump pump 12'-4" overrun Separate fire rated machine room Separate phone required	16" pit required w/ separate machine room. Separate phone required	Slow with a reputation for poor operation. Not user friendly. Will not provide full ADA compliance	Used for material movement only. Lacks safety feature
		Must be installed in existing construction		
Costs	\$86,000 plus costs of other trades, pit, sump pump & plumbing, fire alarm, machine room and 3 phase power.	\$75,000	\$36,000	\$31,000

project: Cumberland Historical Society & Prince Memorial Library, 2019-0120

date: 8/5/19
Page 1 of 1

