



# North Acton Fire Station ( One-Story)

## Space Needs Program (Preliminary Draft)

May 16, 2019

**KAESTLE BOOS**  
associates, inc  
**MA** Mitchell Associates  
**Architects**

#	Room Name	Rms.	Area*	Totals	Comments
<b>Apparatus Bay</b>					
1	Apparatus Bay	3	3764 sf		
2	Remote Apparatus Bay	1	0 sf		
<b>Apparatus Bay Total: 3,764 sf</b>					
<b>Mezzanine</b>					
3	Mezzanine	1	1099 sf		
<b>Mezzanine Total: 1,099 sf</b>					
<b>Firematic Support</b>					
4	Storage Room #1	1	216 sf	216 sf	
5	Turnout Gear Storage	1	365 sf	365 sf	
6	Hose Storage	1	25 sf	25 sf	
7	EMS Storage	1	246 sf	246 sf	Length reduced by 3 ft.
8	Decon/Laundry	1	297 sf	297 sf	
9	Hot Side Showers	1	33 sf	0 sf	Adjusted @ 5/16 Meeting
10	Hot Side Lockers	1	100 sf	0 sf	Adjusted @ 5/16 Meeting
11	Apparatus Floor Rest Room	1	67 sf	67 sf	
12	Hazardous Waste Storage	1	12 sf	0 sf	Adjusted @ 5/16 Meeting
13	Water Rescue Storage	1	75 sf	0 sf	5/16: Store in App Bay or Other
14	Work Room	1	196 sf	196 sf	
15	Utility Recess	1	36 sf	36 sf	
16	Hydration	1	36 sf	36 sf	
17	SCBA Compressor	1	164 sf	164 sf	Mezzanine level
18	SCBA Fill Station	1	120 sf	120 sf	
19	Janitors Closet	1	64 sf	64 sf	
20	Watch Room (Alarm Room)	1	210 sf	210 sf	Adjusted @ 5/16 Meeting
20A	Training/Conf. Room	1	240 sf	240 sf	Layout pending
<b>Firematic Support Total: 2,282 sf</b>					
<b>Firefighters</b>					
21	Dining Kitchen	1	558 sf	558 sf	
22	Living Room	1	292 sf	292 sf	
23	Study/Report Writing	1	93 sf	93 sf	
24	Exercise	1	399 sf	399 sf	Adjust per Equip.Layout
25	Standard Bunk Rooms	5	102 sf	510 sf	Move lockers inside room
26	Officer's Bunk Rooms	1	209 sf	209 sf	
27A	Bunkers' Bathrooms A	1	73 sf	73 sf	
27B	Bunkers' Bathrooms B	2	94 sf	188 sf	
	28 Bunkers' Laundry	1	59 sf	59 sf	
<b>Firefighters Total: 2,381 sf</b>					

### **Miscellaneous Space**

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29 (2) Entry Vestibules	1	128 sf	128 sf
30 Housekeeping Storage	1	50 sf	50 sf
31 Non-Bay Janitors Closet	2	64 sf	128 sf
32 File Server	1	64 sf	64 sf
33 Mechanical/Electrical	1	325 sf	325 sf
34 Sprinkler	1	70 sf	70 sf
35 Stairwells (area per floor)	0	0 sf	0 sf
36 Elevator (area per floor)	0	0 sf	0 sf
37 Elevator Equipment Room	0	0 sf	0 sf

**Miscellaneous Space Total: 765 sf**

### **Area Subtotals**

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1-2 Bay	3,764 sf
3 Mezzanine	1,099 sf
4-20 Firematic Support	2,282 sf
21-28 Firefighter Living Quarters	2,381 sf
29-37 Miscellaneous	765 sf

**Area Subtotals Total: 10,291 sf**

### **Walls & Circulation**

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Apparatus Bay Walls @ 10%	380 sf
Firematic Support Walls @ 15%	350 sf
Firematic Support Circulation @ 15%	350 sf
Living QuarterS & Misc. Walls @ 20%	630 sf
Living Quarter & Misc. Circulation @ 20%	630 sf

**Building Support Total: 2,340 sf**

**Total Gross Building Area: 12,631 sf**

**Footprint Area: 11,532 sf**