

Space	SKA	Occupants	Visitors	Proposed SF	Total SF	Notes:
<b>PUBLIC</b>						
Entry Vestible - Lobby	SKA-1S	0	0	234		
Public Toilet	SKA-2S	1	0	121		
Community Room	SKA-3S	0	40	1116		Use as Cooling/Warming Center
Community Storage	SKA-4S	0	0	80		
Kitchenette	SKA-5S	0	0	130		
<b>SUBTOTAL</b>					<b>1,681</b>	
Gross area adjustment 15%					<b>252</b>	
Circulation adjustment at 25%					<b>483</b>	
<b>TOTAL</b>					<b>2,416</b>	
<b>STAFF SUPPORT</b>						
Fitness	SKA-8S			500		
<b>SUBTOTAL</b>					<b>500</b>	
Gross area adjustment 15%					<b>75</b>	
Circulation adjustment at 25%					<b>144</b>	
<b>TOTAL</b>					<b>719</b>	
<b>ADMINISTRATION - FIRE</b>						
Fire Chief	SKA-1F	1	4	<b>208</b>		
Deputy Fire Chief	SKA-2F	1	2	<b>168</b>		
Command Staff - Lieutenant Current; Captain or Battalion Chief in Future	SKA-3F	4	2	<b>144</b>		
Administrative Assistant - Future	SKA-4F	1	1	<b>120</b>		
Lieutenant - Fire Prevention	SKA-5F	2	2	<b>168</b>		
Lieutenants (Future)	SKA-6F	1	1	<b>120</b>		
Conference Room	SKA-7F	10	0	<b>192</b>		
Office Supplies / Copy	SKA-8F	0	0	<b>100</b>		
Archive Document Storage	SKA-9F	0	0	<b>180</b>		
Coat Closet	SKA-10F	0	0	<b>13</b>		
Staff Toilet	SKA-11F	0	0	<b>121</b>		
<b>SUBTOTAL</b>					<b>1,534</b>	
Gross area adjustment 15%					<b>230</b>	
Circulation adjustment at 25%					<b>441</b>	
<b>TOTAL</b>					<b>2,205</b>	
<b>STAFF SUPPORT - FIRE</b>						
Dorm Rooms	SKA-12F	8	0	<b>552</b>		4 double rooms
Command Staff Dorm Room	SKA-13F	3	0	<b>414</b>		3 single room
Toilet / Shower Room	SKA-14F	1	0	<b>384</b>		
Locker Room	SKA-15F	0	0	<b>416</b>		46 lockers
Kitchen	SKA-16F	8	0	<b>240</b>		
Day Room	SKA-17F	0	5	<b>360</b>		
Report Writing / On-Line Training	SKA-18F	4	0	<b>100</b>		

Space	SKA	Occupants	Visitors	Proposed SF	Total SF	Notes:
Janitor's Closet	SKA-19F	0	0	30		
<b>SUBTOTAL</b>						
Gross area adjustment 15%						374
Circulation adjustment at 25%						718
<b>TOTAL</b>						<b>3,588</b>
<b>OPERATIONS - FIRE</b>						
Apparatus Bays	SKA-20F	0	0	9,024		
Hose Storage + Testing	SKA-21F	0	0	34		
Gear Storage	SKA-22F	0	0	480		46 gear lockers; call bags, hanging gear
Laundry	SKA-23F	0	0	156		
Workshop	SKA-24F	0	0	100		
Medical Cleaning / Decontamination	SKA-25F	0	0	120		
SCBA Fill Room	SKA-26F	0	0	108		
Air Compressor Room	SKA-27F	0	0	64		
Oxygen Storage	SKA-28F	0	0	40		
Haz Mat Supply Storage	SKA-29F	0	0	100		
Medical Supply Storage	SKA-30F	0	0	100		
Bulk Storage	SKA-31F	0	0	266		
Triage	SKA-32F	0	0	120		
Training Area	SKA-33F	0	0	240		
<b>SUBTOTAL</b>						<b>10,952</b>
Gross area adjustment 15% (*)						1,192
Circulation adjustment at 10% (**)						222
<b>TOTAL</b>						<b>12,365</b>
<b>BUILDING SUPPORT</b>						
Server / E911 Room	SKA-9S			192		
Mechanical Room	SKA-10S			400		
Main Electrical Room	SKA-11S			180		
Plumbing / Fire Protection Room	SKA-12S			167		
Emergency Electrical Room	SKA-13S			80		
Electrical Closet (1 per floor)	SKA-14S			96		
Janitor's Closet	SKA-15S			40		
Stairs	SKA-16S			880		
Elevator and Machine Room	SKA-17S			249		
<b>SUBTOTAL</b>						<b>2,284</b>
Gross area adjustment 15%						343
Circulation adjustment at 25%						657
<b>TOTAL</b>						<b>3,283</b>
<b>GRAND TOTAL - FIRE</b>						<b>24,577</b>

	Space	SKA	Occupants	Visitors	Proposed SF	Total SF	Notes:
	<b>Parking</b>						
	Current Staff (Firefighters)				8		# of cars at shift change
	Additional Future Staff (Firefigthers + Civilian)				12		# of cars at shift change
	Administration staff				4		
	Visitors				4		
	Call Firefighters (Typical Call)				12		
	<b>Total Parking Fire Dept</b>				<b>40</b>		

**ROOM OR SPACE**

**Description:** Entry Vestible - Lobby

**Group:** Public

**Drawing Reference:** SKA-1S

**Quantitative Criteria:** 1 234  
Square feet

**Functional Description:** 1 Primary window to FD  
2 Wayfinding, notices and pamphlet informaiton

**Qualitative Description:** 1 Welcoming, open area, control point  
2 Accessible, but not direct acces to work areas

**Locational Criteria:** 1 Wayfinding obvious to visitor  
2 Elevator and stair not directly accessible to lobby - requires escort  
3 Adjacent to Community Room, public toilets, FD Triage

**Technical Criteria:**

**Walls:** GWB

**Floors:** Porcelain Tile; walk off carpet

**Ceiling:** Acoustic Tile & GWB

**Windows:** Desirable

**Security:** Standard Entry Lock

**Equipment:** Computer kiosk

**Other:**

**Furnishings:** 1 Seating  
2 Display for pamphlets and brochures  
3 Surface for filling out forms with accessible area  
4 Bulletin Board  
5 Service Windows  
6 (1) Large Medication disposal drop-off box - 3' in width  
7 Kiosk

**Notes:** Area for toy and coat drive donation drop-off.  
Computer kiosk for filling out forms etc.  
Vestibule to be able to be locked down as panic space

**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:** **Public Toilet**

**Group:** Public

**Drawing Reference:** SKA-2S

**Quantitative Criteria:** 1 121  
Square feet (per set)

**Functional Description:** 1 Men's and Women's Toilet  
2 Fully accessible

**Qualitative Description:** 1 Toilet area

**Locational Criteria:** 1 Adjacent to Lobby

**Technical Criteria:**

**Walls:** GWB/Ceramic Tile

**Floors:** Ceramic Tile

**Ceiling:** GWB or acoustic tile

**Windows:** None

**Security:** Standard Toilet Room Lock

**Equipment:** None

**Other:**

**Furnishings:** 1 Mirror  
2 Soap dispenser  
3 Towel dispenser/trash receptacle  
4 Feminine dispenser and receptacle  
5 Toilet paper dispenser  
6 Coat hook  
7 Shelving  
8 Baby changing station

**Notes:**

**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:** Community Room

**Group:** Public

**Drawing Reference:** SKA-3S

**Quantitative Criteria:** 1 1116  
Square feet

**Functional Description:** 1 Used for training - 48 at tables and chairs  
2 Used for large staff meetings; available for community functions/meetings  
3 Warming/cooling designated location

**Qualitative Description:** 1 Comfortable environment for lecturing or training  
2 Multi-media  
3 Good acoustics  
4 Multiple lighting levels

**Locational Criteria:** 1 Access to both Fire and Police Departments  
2 Access to main lobby  
3 Storage for chairs and tables adjacent  
4 Storage for AV equipment nearby

**Technical Criteria:**

**Walls:** GWB

**Floors:** Carpet

**Ceiling:** Acoustical Tile

**Windows:** Preferred

**Security:** Standard Office Lock

**Equipment:** Smartboard or wall mounted monitor with computer hook up

**Other:**

**Furnishings:** 1 Folding training tables  
2 Stackable seating for 48 people  
3 Lectern  
4 Whiteboard / Tackboard  
5 Blackout shades

**Notes:** Can be used by community  
Can be secured from the public during emergency event  
Can be used 24/7 as a warming or cooling center

**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:** **Community Storage**

**Group:** Public

**Drawing Reference:** SKA-4S

**Quantitative Criteria:** 1 80  
Square feet

**Functional Description:** 1 Storage for chairs and tables  
2

**Qualitative Description:** 1 Closet for storage

**Locational Criteria:** 1 Adjacent to Community Room

**Technical Criteria:**

**Walls:** GWB

**Floors:** Carpet

**Ceiling:** Acoustical Tile

**Windows:** None

**Security:** Standard Storage Lock

**Equipment:**

**Other:**

**Furnishings:** 1

**Notes:**

**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:** Kitchenette

**Group:** Public

**Drawing Reference:** SKA-5S

**Quantitative Criteria:** 1 130  
Square feet

**Functional Description:** 1 Used at breaks

**Qualitative Description:** 1 Off corridor

**Locational Criteria:** 1 Adjacent to Community Room

**Technical Criteria:**

**Walls:** GWB

**Floors:** Resilient

**Ceiling:** Acoustical Tile

**Windows:** None

**Plumbing:** Sink

**HVAC:** Standard kitchen environment

**Ventilation:** Standard kitchen environment

**Lighting:** Standard kitchen environment

**Power:** Standard as required for equipment

**Tel Data:** Standard as required for equipment

**Security:** Standard Lock

**Equipment:** Undercounter refrigerator, microwave, power for (2) vending machines

**Other:** Base and wall cabinets

**Furnishings:** 1

**Notes:** No cooking surfaces  
Layout to allow access to Community



**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:** **Fitness**  
**Group:** Staff Support  
**Drawing Reference:** SKA-8S

**Quantitative Criteria:** 1 500  
Square feet

**Functional Description:** 1 Exercise room

**Qualitative Description:** 1 Good ventilation  
2 Easy to maintain/clean  
3 Comfortable relaxed environment

**Locational Criteria:** 1 Centrally located  
2 Easy access for fire departments

**Technical Criteria:**  
**Walls:** GWB; 8' high mirrors on wall  
**Floors:** Rubber athletic flooring  
**Ceiling:** Acoustic Tile  
**Windows:** Preferred not required  
**Security:** Standard Office Lock  
**Equipment:** CATV  
**Other:**

**Furnishings:** 1 Treadmill  
2 Stairmaster  
3 Exercise Bicycle  
4 Free Weights  
5 Universal

**Notes:** Not contractually required  
Include floor space for stretching

**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:** **Fire Chief**  
**Group:** Administration - Fire  
**Drawing Reference:** SKA-1F

**Quantitative Criteria:** 1 208  
Square feet

**Functional Description:** 1 Deskwork  
2 Small meetings - up to 4 people

**Qualitative Description:** 1 Private Office

**Locational Criteria:** 1 Adjacent to Administrative Assistant  
2 Near other command staff offices  
3 Not off the lobby

**Technical Criteria:**

**Walls:** GWB, Office Standard  
**Floors:** Carpet  
**Ceiling:** Acoustic Tile  
**Windows:** Required  
**Security:** Standard Office Lock  
**Equipment:** Computer, CATV  
**Other:**

**Furnishings:** 1 Desk with return  
2 Seating - 1 office with 4 guest chairs  
3 Bookshelves  
4 Lateral file cabinets  
5 36" round meeting table

**Notes:** Small closet within room  
Acoustically private

**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:** Deputy Fire Chief  
**Group:** Administration - Fire  
**Drawing Reference:** SKA-2F

**Quantitative Criteria:** 1 168  
Square feet

**Functional Description:** 1 Deskwork

**Qualitative Description:** 1 Private Office

**Locational Criteria:** 1 Near Fire Chief  
2 Near Administrative Assistant  
3 Near command staff

**Technical Criteria:**  
**Walls:** GWB, Office Standard  
**Floors:** Carpet  
**Ceiling:** Acoustic Tile  
**Windows:** Required  
**Security:** Standard Office Lock  
**Equipment:** Computer, CATV  
**Other:**

**Furnishings:** 1 Desk with return  
2 Seating - 1 office with 2 guest chairs  
3 Bookshelves  
4 Lateral file cabinets  
5 36" round meeting table

**Notes:** Small closet within room  
Acoustically private

Feasibility Study  
Ipswich, MA

**ROOM OR SPACE**

**Description:** **Command Staff - Lieutenant Current; Captain or Battalion Chief in Future**

**Group:** Administration - Fire

**Drawing Reference:** SKA-3F

**Quantitative Criteria:** 1 144  
Square feet

**Functional Description:** 1 Deskwork

**Qualitative Description:** 1 Private Office  
2 Shared Office for 4

**Locational Criteria:** 1 Near Fire Chief  
2 Near Deputy Chief  
3 Near Administrative Assistant

**Technical Criteria:**

**Walls:** GWB, Office Standard

**Floors:** Carpet

**Ceiling:** Acoustic Tile

**Windows:** Required

**Security:** Standard Office Lock

**Equipment:** Computer, CATV

**Other:**

**Furnishings:** 1 Desk with return  
2 Seating - 1 office with 2 guest chairs  
3 Adjustable shelving on standards  
4 File cabinets  
5 Whiteboard / Tackboard

**Notes:** Acoustically private

**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:** **Administrative Assistant - Future**

**Group:** Administration - Fire

**Drawing Reference:** SKA-4F

**Quantitative Criteria:** 1 120  
Square feet

**Functional Description:** 1 Deskwork  
2 Gateway to the Chief

**Qualitative Description:** 1 Private Office

**Locational Criteria:** 1 Adjacent to Fire Chief  
2 Possibly pass through Admin Assistant to access Fire Chief's office

**Technical Criteria:**

**Walls:** GWB, Office Standard

**Floors:** Carpet

**Ceiling:** Acoustic Tile

**Windows:** Required

**Security:** Standard Office Lock

**Equipment:** Computer

**Other:**

**Furnishings:** 1 Desk with return  
2 Seating - 1 office  
3 Adjustable shelving on standards  
4 File cabinets  
5 Tackboard

**Notes:**

**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:** Lieutenant - Fire Prevention

**Group:** Administration - Fire

**Drawing Reference:** SKA-5F

**Quantitative Criteria:** 1 168  
Square feet

**Functional Description:** 1 Deskwork

**Qualitative Description:** 1 Private Office  
2 2 full working stations

**Locational Criteria:** 1 Near Lobby

**Technical Criteria:**

**Walls:** GWB, office standard

**Floors:** Carpet

**Ceiling:** Acoustic Tile

**Windows:** Required

**Security:** Standard Office Lock

**Equipment:** Computer, CATV, CCTV, speaker

**Other:**

**Furnishings:** 1 (2) Desks with return  
2 Seating - 2 office with 2 guest chairs  
3 Adjustable shelving on standards  
4 3 x5 table for reviewing drawings  
5 Whiteboard / Tackboard  
6 Files

**Notes:**

**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:** Lieutenants (Future)

**Group:** Administration - Fire

**Drawing Reference:** SKA-6F

**Quantitative Criteria:** 1 120  
Square feet

**Functional Description:** 1 Deskwork

**Qualitative Description:** 1 Private Office  
2 Shared Office for 4

**Locational Criteria:** 1 Close to Day Room and Apparatus Bays

**Technical Criteria:**

**Walls:** GWB, office standard

**Floors:** Carpet

**Ceiling:** Acoustic Tile

**Windows:** Required

**Security:** Standard Office Lock

**Equipment:** Computer, CATV, CCTV, speaker, radio chargers

**Other:**

**Furnishings:** 1 1 Desk with return  
2 Seating - 1 office with 1 guest chair  
3 Adjustable shelving on standards  
4 File cabinets  
5 Whiteboard / Tackboard

**Notes:** Include shelving for radio chargers, spare batteries, etc.

**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:** **Conference Room**  
**Group:** Administration - Fire  
**Drawing Reference:** SKA-7F

**Quantitative Criteria:** 1 192  
Square feet

**Functional Description:** 1 Meeting Room for 8-10

**Qualitative Description:** 1 Private meeting space

**Locational Criteria:** 1 Central to administrative offices

**Technical Criteria:**

**Walls:** GWB, office standard

**Floors:** Carpet

**Ceiling:** Acoustic Tile

**Windows:** Preferred

**Security:** Standard Storage Lock

**Equipment:** Monitor with coputer hook-up

**Other:**

**Furnishings:** 1 Conference table  
2 Seating for 10  
3 Credenza  
4 Whiteboard

**Notes:** FD and PD can share this room if it is a shared facility  
Acoustically private



**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:** Office Supplies / Copy

**Group:** Administration - Fire

**Drawing Reference:** SKA-8F

**Quantitative Criteria:** 1 100  
Square feet

**Functional Description:** 1 Storage of office supplies  
2 Copier

**Qualitative Description:** 1 Storage room

**Locational Criteria:** 1 Central to Administrative Offices

**Technical Criteria:**

**Walls:** GWB, Office Standard

**Floors:** Carpet

**Ceiling:** Acoustic Tile

**Windows:** None

**Security:** None

**Equipment:** Copier, fax machine, mailing equipment

**Other:**

**Furnishings:** 1 Worksurface  
2 Adjustable shelving on standards

**Notes:**

**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:** **Archive Document Storage**

**Group:** Administration - Police

**Drawing Reference:** SKA-9F

**Quantitative Criteria:** 1 180  
Square feet

**Functional Description:** 1 Secure storage for records

**Qualitative Description:** 1 Dry, well lit and secure

**Locational Criteria:** 1 Near administrative staff

**Technical Criteria:**

**Walls:** GWB, Office Standard

**Floors:** Resilient

**Ceiling:** Acoustic Tile

**Windows:** None

**Security:** Standard Storage Lock

**Equipment:** Computer

**Other:**

**Furnishings:** 1 High density file storage  
2 Countertop or table  
3 Seating - 1 office chair

**Notes:** Some records must be kept 10-25 years or for life.

**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:**

**Coat Closet**

**Group:**

Administration - Fire

**Drawing Reference:**

SKA-10F

**Quantitative Criteria:** 1 13  
Square feet - (1) @ 2.5' x 5'

**Functional Description:** 1 Personal Belongings

**Qualitative Description:** 1 Closet for storage

**Locational Criteria:** 1 Central to administration staff

**Technical Criteria:**

**Walls:** GWB

**Floors:** Carpet or resilient

**Ceiling:** Acoustic Tile

**Windows:** None

**Security:** Standard Closet Lock

**Equipment:** None

**Other:**

**Furnishings:** 1 Coat rod with shelf above

**Notes:**

**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:**

**Group:**

**Drawing Reference:**

**Staff Toilet**

Administration - Fire

SKA-11F

**Quantitative Criteria:** 1 121  
Square feet (per set)

**Functional Description:** 1 Men's and Women's Toilet  
2 Fully accessible

**Qualitative Description:** 1 Toilet area

**Locational Criteria:** 1 General office area

**Technical Criteria:**

**Walls:** GWB/Ceramic Tile

**Floors:** Ceramic Tile

**Ceiling:** GWB or acoustic tile

**Windows:** None

**Security:** Standard Toilet Room Lock

**Equipment:** None

**Other:**

**Furnishings:** 1 Mirror  
2 Soap dispenser  
3 Towel dispenser/trash receptacle  
4 Feminine dispenser and receptacle  
5 Toilet paper dispenser  
6 Coat hook  
7 Shelving

**Notes:**

**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:** **Dorm Rooms**  
**Group:** Staff Support - Fire  
**Drawing Reference:** SKA-12F

**Quantitative Criteria:** 1 552  
Square feet  
2 (4) rooms sized for 2 twin beds, 2 nightstands, 4 dbl stacking wardrobes for linens etc.

**Functional Description:** 1 (4) dbl occupancy sleeping rooms

**Qualitative Description:** 1 Good ventilation  
2 Quiet

**Locational Criteria:** 1 Adjacent to locker rooms

**Technical Criteria:**

**Walls:** GWB  
**Floors:** Carpet  
**Ceiling:** Acoustic Tile  
**Windows:** Required  
**Security:** Standard Office Lock  
**Equipment:** Telephone; CATV; speaker; station alert system for light control  
**Other:**

**Furnishings:** 1 2 Twin beds  
2 2 Nightstands  
3 (4) dbl height storage wardrobes for linens / personnel items  
4 Blackout shades  
5 30"x24" wardrobes

**Notes:** 138 sf per dbl room

**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:** **Command Staff Dorm Room**

**Group:** Staff Support - Fire

**Drawing Reference:** SKA-13F

**Quantitative Criteria:** 1 414  
Square feet  
2 (3) Sized for one twin bed, 1 nightstand, 1 desk, 2 wardrobes

**Functional Description:** 1 Single occupancy sleeping rooms  
2 Room for desk work

**Qualitative Description:** 1 Good ventilation  
2 Quiet

**Locational Criteria:** 1 Adjacent to locker rooms

**Technical Criteria:**

**Walls:** GWB

**Floors:** Carpet

**Ceiling:** Acoustic Tile

**Windows:** Required

**Security:** Standard Office Lock

**Equipment:** Telephone; CATV; speaker; station alert system for light control

**Other:**

**Furnishings:** 1 Twin bed  
2 Nightstand  
3 Desk  
4 Office chair  
5 Storage for linens / personnel items in wardrobe/locker  
6 (2) dbl height storage wardrobes for linens / personnel items  
7 Blackout shades

**Notes:** 138 per single room  
Future use by (1) Lieutenant, (1) Captain, (1) Battalion Chief

**ROOM OR SPACE**

**Description:** Toilet / Shower Room

**Group:** Staff Support - Fire

**Drawing Reference:** SKA-14F

**Quantitative Criteria:** 1 384  
Square feet

**Functional Description:** 1 Toilet / Lavatory  
2 Shower

**Qualitative Description:** 1 (4) Single occupant space  
2 Secure  
3 Good ventilation  
4 Durable Materials

**Locational Criteria:** 1 Adjacent to staff quarters

**Technical Criteria:**

**Walls:** GWB with epoxy paint; Ceramic Tile wainscot

**Floors:** Ceramic Tile or Resinous flooring

**Ceiling:** Acoustic Tile and GWB

**Windows:** None

**Security:** Standard Toilet Room Lock

**Equipment:** Speakers for radio monitoring

**Other:**

**Furnishings:** 1 Mirror  
2 Soap dispenser  
3 Towel dispenser/trash receptacle  
4 Toilet paper dispenser  
5 Showers with bench seats  
6 Clothing hooks  
7

**Notes:** Final count pending

**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:** Locker Room  
**Group:** Staff Support - Fire  
**Drawing Reference:** SKA-15F

**Quantitative Criteria:** 1 416  
Square feet

**Functional Description:** 1 Lockers for Firefighters and Command Staff

**Qualitative Description:** 1 Good ventilation  
2 Durable Materials

**Locational Criteria:** 1 Adjacent to individual toilet rooms

**Technical Criteria:**

Walls: GWB  
Floors: Resilient or Resinous flooring  
Ceiling: Acoustic Tile and GWB  
Windows: None  
Security: None required  
Equipment: Speakers for radio monitoring  
Other:

**Furnishings:** 1 Lockers - (46) 24"x24"

**Notes:** Need to confirm counts



**ROOM OR SPACE**

**Description:** **Kitchen**  
**Group:** Staff Support - Fire  
**Drawing Reference:** SKA-16F

**Quantitative Criteria:** 1 240  
Square feet  
2 Current needs up to 5 people at a time on shift; Future includes up to 7 ff plus 4 command; Plus chief, deputy, admin and fire prev It

**Functional Description:** 1 Food storage and preparation  
2 Informal dining

**Qualitative Description:** 1 Commercial kitchen equipment  
2 Accessible and open  
3 Easy to maintain/clean  
4 Good ventilation

**Locational Criteria:** 1 Adjacent to day room  
2 Easy access to apparatus bays

**Technical Criteria:**

**Walls:** GWB  
**Floors:** Resilient slip resistant  
**Ceiling:** Acoustic Tile - scrubbable  
**Windows:** Preferred  
**Security:** NA  
**Equipment:** Refrigerators (2), commercial gas cooktop/oven with hood and auto remote shut-off on apparatus floor, microwave, toaster oven, coffee maker, dishwasher, garbage disposal, 2 bowl sink  
**Other:** Grill outside kitchen area?

**Furnishings:** 1 Wall or shelving and base cabinets  
2 Food storage pantries for 4 shifts  
3 Dining table and chairs for 10

**Notes:** Provide auto remote stove/oven shut-off in the apparatus bays  
Provide outside dining area adjacent with grill and picnic tables?

**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:** Day Room  
**Group:** Staff Support - Fire  
**Drawing Reference:** SKA-17F

**Quantitative Criteria:**

- 1 360  
Square feet
- 2 Current needs up to 5 people at a time; 7 people on shift in future
- 3 Dedicated only to "living" needs

**Functional Description:**

- 1 Watching TV/Videos; Listening to music
- 2 Informal meeting

**Qualitative Description:**

- 1 Comfortable relaxed environment
- 2 Natural lighting

**Locational Criteria:**

- 1 Easy access to apparatus bays
- 2 Adjacent to Kitchen

**Technical Criteria:**

**Walls:** GWB  
**Floors:** Carpet or Resilient  
**Ceiling:** Acoustic Tile  
**Windows:** Required  
**Security:** NA  
**Equipment:** TV/Video equipment  
**Other:**

**Furnishings:**

- 1 Comfortable chairs
- 2 Entertainment Center
- 3 Bookshelves
- 4 Side tables

**Notes:**

**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:** **Report Writing / On-Line Training**

**Group:** Staff Support - Fire

**Drawing Reference:** SKA-18F

**Quantitative Criteria:** 1 100  
Square feet

**Functional Description:** 1 Deskwork and/or on-line training

**Qualitative Description:** 1 Shared space for on-line training

**Locational Criteria:** 1 Near Day Room

**Technical Criteria:**

**Walls:** GWB, Office Standard

**Floors:** Carpet

**Ceiling:** Acoustic Tile

**Windows:** Preferred

**Security:** None

**Equipment:** Computers, CATV

**Other:**

**Furnishings:** 1 Bench style worksurface for 4  
2 Seating - 4 office

**Notes:**

**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:** Janitor's Closet  
**Group:** Staff Support - Fire  
**Drawing Reference:** SKA-19F

**Quantitative Criteria:** 1 30  
Square feet  
2 1 required per floor (see notes)

**Functional Description:** 1 House janitorial supplies

**Qualitative Description:** 1 Durable materials

**Locational Criteria:** 1 One required per level

**Technical Criteria:**

Walls: Moisture Resistant GWB  
Floors: Ceramic Tile, resinous, linoleum  
Ceiling: GWB  
Windows: None  
Security: Standard Lock  
Equipment: None  
Other:

**Furnishings:** 1 Janitors sink or mop sink  
2 Rack for mops, brooms etc.  
3 Shelving

**Notes:** Per Code, one Janitor's closet required per floor. If the building is a 2-story shared facility, assume 2 shared Janitor's closets, 1 Janitor in FD to be used by FD staff for cleaning living quarters.

**ROOM OR SPACE**

**Description:** **Apparatus Bays**  
**Group:** Operations - Fire  
**Drawing Reference:** SKA-20F

- Quantitative Criteria:**
- 1 9,024  
Square feet
  - 2 Sized for access to all sides and tops of vehicles
  - 3 14 x 14 overhead doors - Glass in doors
  - 4 Vehicles:
    - a. Ladder Truck 1: 40' L x 10' W x 12' H
    - b. Engine 2: 32' L x 10' W x 10' H
    - c. Engine 3: 32' L x 10' W x 10' H
    - d. Engine 4: 32' L x 10' W x 10' H
    - e. Engine 5: 32' L x 10' W x 10' H
    - f. Squad 1 Forestry: 22' L x 10' W x 9' H
    - g. Squad 2 Pick-up: 21' L x 8' W x 7' H
    - h. Ambulance 1 (Future): 26' L x 9' W x 10' H
    - i. Ambulance 2 (Future): 26' L x 9' W x 10' H
    - j. Marine 1 on Trailer: 22' L x 8' W x 11' H
    - k. Marine 2 on Trailer: 18' L x 6' W x 8' H
    - l. Gator on Trailer: 18' L x 8' W x 8' H
    - m. DEP Trailer: 25' L x 9' W x 8' H
    - n. Car 1: 17' L x 8' W x 7' H
    - o. Car 2: 17' L x 8' W x 7' H
    - p. Fire Prevention: 17' L x 8' W x 7' H
    - q. Command Staff (Future): 17' L x 8' W x 7' H
    - r. Mass Decon Trailer: 16' L x 8' W x 8' H
  - 5 Drive-thru preferred

- Functional Description:**
- 1 House fire apparatus
  - 2 House ambulance
  - 3 House trailers, small equipment

- Qualitative Description:**
- 1 Easy access to trucks
  - 2 Easy access to gear
  - 3 Clear span for maximum flexibility preferred
  - 4 Good air quality
  - 5 Adequate height for clearance and maintenance of vehicles
  - 6 Natural light

- Locational Criteria:**
- 1 Excellent access from living quarters and day room
  - 2 Adjacent to maintenance and fire equipment support areas

- Technical Criteria:**
- Walls:** CMU or high impact GWB
  - Floors:** Epoxy Resin on Concrete with non slip surface
  - Ceiling:** Exposed to structure
  - Windows:** Required using natural light thru doors and clerestory
  - Security:** Locked to secure equipment when firefighters are on calls; overhead doors to have multiple systems for closing down doors

**Feasibility Study  
Ipswich, MA**

**Equipment:** Air and water lines; overhead door controls; Source capture system; Training items: ???

**Other:**

**Furnishings:** 1 White Board  
2 Bulletin Board

**Notes:** Total count of bays and bay depth is site dependent. Prefer drive thru capability.

**ROOM OR SPACE**

**Description:** **Hose Storage + Testing**

**Group:** Operations - Fire

**Drawing Reference:** SKA-21F

**Quantitative Criteria:** 1 34  
Square feet  
2 Portable hose storage racks

**Functional Description:** 1 Storing Hose on racks  
2 Hose testung

**Qualitative Description:** 1 Good Lighting

**Locational Criteria:** 1 Adjacent to vehicle bays  
2 Adjacent to maintenance and fire equipment support areas

**Technical Criteria:**

**Walls:** CMU or high impact GWB

**Floors:** Epoxy Resinous on Concrete with non slip surface

**Ceiling:** Exposed to structure

**Windows:** Not required

**Security:** None Required

**Equipment:** None Required

**Other:**

**Furnishings:** 1 Hose storage racks - (1) at 9'-0" L x 2'-0" W x 7'-3" H  
2 Hose Tester - (1) at 3'-2" L x 2'-0" W x 2'-0" H

**Notes:**

**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:**

**Group:**

**Drawing Reference:**

**Gear Storage**

Operations - Fire

SKA-22F

**Quantitative Criteria:**

- 1 480  
Square feet
- 2 Gear Lockers

**Functional Description:**

- 1 Stores turnout gear and equipment

**Qualitative Description:**

- 1 Easy access to vehicle bays
- 2 Good ventilation for drying gear/pressurized

**Locational Criteria:**

- 1 Adjacent but separate from vehicle bays
- 2 Possibly function as an air lock between administration wing and apparatus bays

**Technical Criteria:**

**Walls:**

CMU or high impact GWB

**Floors:**

Epoxy resinous or concrete with hardener or sealer

**Ceiling:**

Exposed to structure

**Windows:**

None

**Security:**

None

**Equipment:**

**Other:**

**Furnishings:**

- 1 (44) Lockers and storage unit for (12) Call ready bags, (4) Float Suits hung, and (8) Ice Commander Suits hung

**Notes:**



**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:** Laundry  
**Group:** Operations - Fire  
**Drawing Reference:** SKA-23F

**Quantitative Criteria:** 1 156  
Square feet

**Functional Description:** 1 Room for washing and drying turnout gear  
2 Washing and drying of bed linens and clothing

**Qualitative Description:** 1 Easy access to apparatus bays  
2 Good ventilation for drying gear/pressurized

**Locational Criteria:** 1 Adjacent but separate from vehicle bays

**Technical Criteria:**

**Walls:** CMU or high impact GWB  
**Floors:** Epoxy resinous or concrete with hardener or sealer  
**Ceiling:** Exposed to structure  
**Windows:** None  
**Security:** None  
**Equipment:** Extractor (existing), washer and dryer (existing), gear dehydrator (existing)

**Other:**

**Furnishings:** 1 12" D adjustable shelving  
2 Countertop

**Notes:** Ice machine

**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:** **Workshop**  
**Group:** Operations - Fire  
**Drawing Reference:** SKA-24F

**Quantitative Criteria:** 1 100  
Square feet

**Functional Description:** 1 Storage of tools and parts - rolling tool box  
2 Minor repair work

**Qualitative Description:** 1 Flexible repair work environment  
2 Good lighting

**Locational Criteria:** 1 Adjacent to apparatus area

**Technical Criteria:**

**Walls:** CMU or high impact GWB  
**Floors:** Epoxy resinous or concrete with hardener or sealer  
**Ceiling:** Exposed to structure  
**Windows:** Preferable  
**Security:** Locked  
**Equipment:** Bench tools  
**Other:**

**Furnishings:** 1 Workbench  
2 Shelving on standards  
3 Locked Metal Cabinet for small part storage  
4 Ventilated Metal Cabinet for flammable storage  
5 Peg Boards  
6 Rolling tool box

**Notes:**

**ROOM OR SPACE**

**Description:** **Medical Cleaning / Decontamination**

**Group:** Operations - Fire

**Drawing Reference:** SKA-25F

**Quantitative Criteria:** 1 120  
Square feet

**Functional Description:** 1 Cleaning of medical equipment  
2 Cleaning of other equipemnt  
3 Decontamination of personnel or gear

**Qualitative Description:** 1 Clear working space for equipment  
2 Wet environment

**Locational Criteria:** 1 Off apparatus bays  
2 Near ambulance bay

**Technical Criteria:**

**Walls:** CMU or impact resistant GWB, FRP or Ceramic Tile

**Floors:** Epoxy resinous on concrete with hardener or sealer

**Ceiling:** Exposed to structure or scrubbable ACT

**Windows:** None required

**Security:** Secured

**Equipment:** None

**Other:** Floor drains, water service, deep sink with built in drainboards, washdown area for backboards or other large equipment with flexible deluge shower and eye wash

**Furnishings:** 1 Base Cabinets  
2 Wall Cabinets  
3 Open Shelving  
4 Bench and clothes hooks

**Notes:** FF should shower here if possible so as not to bring contaminated clothing into living spaces

**ROOM OR SPACE**

**Description:** **SCBA Fill Room**

**Group:** Operations - Fire

**Drawing Reference:** SKA-26F

**Quantitative Criteria:** 1 108  
Square feet  
2 Source of clean air

**Functional Description:** 1 Fill area for breathing apparatus - tanks

**Qualitative Description:** 1 Clean  
2 Secure

**Locational Criteria:** 1 Adjacent to vehicle bays  
2 Adjacent to compressor area

**Technical Criteria:**

**Walls:** CMU or high impact GWB

**Floors:** Epoxy resinous on concrete with hardener or sealer

**Ceiling:** Exposed to structure

**Windows:** Not required

**Security:** Secured area

**Equipment:** Existing equipment

**Other:** Direct source of intake air to outside; tap into cascade compressor for station air

**Furnishings:** 1 SCBA bottle cart  
2 Work bench  
3 Adjustable shelving

**Notes:**

**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:** **Air Compressor Room**

**Group:** Operations - Fire

**Drawing Reference:** SKA-27F

**Quantitative Criteria:** 1 64  
Square feet

**Functional Description:** 1 Compressed air for air lines throughout apparatus area

**Qualitative Description:** 1 Noisy; isolate acoustically

**Locational Criteria:** 1 Adjacent to apparatus bays

**Technical Criteria:**

**Walls:** CMU or high impact GWB

**Floors:** Epoxy resinous or concrete with hardener or sealer

**Ceiling:** Exposed to structure

**Windows:** Not required

**Security:** Standard storage lock

**Equipment:** Compressor

**Other:**

**Furnishings:**

**Notes:**

**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:** **Oxygen Storage**

**Group:** Operations - Fire

**Drawing Reference:** SKA-28F

**Quantitative Criteria:** 1 40  
Square feet

**Functional Description:** 1 Storage for oxygen cylinders

**Qualitative Description:** 1 Clean  
2 Secure

**Locational Criteria:** 1 Adjacent to apparatus bays

**Technical Criteria:**

**Walls:** CMU or high impact GWB - 2 hour rated

**Floors:** Epoxy resinous or concrete with hardener or sealer

**Ceiling:** 2 hour rated GWB

**Windows:** Not required

**Security:** Secured area

**Equipment:**

**Other:**

**Furnishings:** 1 Floor space for (x) M cylinders  
2 Cart for (x) D cylinders

**Notes:**

**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:** **Haz Mat Supply Storage**

**Group:** Operation - Fire

**Drawing Reference:** SKA-29F

**Quantitative Criteria:** 1 100  
Square feet

**Functional Description:** 1 Storage of haz mat clean up supplies

**Qualitative Description:** 1 Storage

**Locational Criteria:** 1 Adjacent to vehicle bays

**Technical Criteria:**

**Walls:** CMU or high impact GWB

**Floors:** Epoxy resinous or concrete with hardener or sealer

**Ceiling:** Exposed to structure

**Windows:** Not required

**Security:** Standard storage lock

**Equipment:** NA

**Other:**

**Furnishings:** 1 24" and 18" Heavy Duty Shelving  
2 Assume for pallet sized storage

**Notes:** Double doors

**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:** **Medical Supply Storage**  
**Group:** Operations - Fire  
**Drawing Reference:** SKA-30F

**Quantitative Criteria:** 1 100  
Square feet

**Functional Description:** 1 Secure medical supplies

**Qualitative Description:** 1 Secured closet

**Locational Criteria:** 1 Central to apparatus bays

**Technical Criteria:**

**Walls:** CMU or high impact GWB

**Floors:** Resilient

**Ceiling:** Acoustic Tile

**Windows:** None

**Security:** Standard storage lock

**Equipment:** None

**Other:**

**Furnishings:** 1 Storage cabinets including lockable cabinet for needle storage

**Notes:** Allow adequate floor space for backboard storage



**ROOM OR SPACE**

**Description:**

**Group:**

**Drawing Reference:**

**Bulk Storage**

Operations - Fire

SKA-31F

**Quantitative Criteria:** 1 266  
Square feet

**Functional Description:** 1 Storage of equipment and supplies  
2 Storage of snow blower and rescue sled  
3 Storage of car seats  
4 Storage of portable generators and sumps

**Qualitative Description:** 1 Locked Storage

**Locational Criteria:** 1 Adjacent to apparatus

**Technical Criteria:**

**Walls:** CMU or high impact GWB

**Floors:** Epoxy resinous or concrete with hardener or sealer

**Ceiling:** Exposed to structure

**Windows:** Not required

**Security:** Standard storage lock

**Equipment:** NA

**Furnishings:** 1 Light Duty Shelving  
2 Double door supply cabinets  
3 Locked supply cabinets for PPE equipment and accessories

**Notes:** Area for 8' x 3' x 14" rescue sled  
Area for 62" x 29" x 42" snow blower  
Area for car seats: (14) at 32" x 18" x 27" and (31) at 18" x 14" x 32"  
Area for (2) portable generators at 3'x3'; portable sump pumps at 3'x3'  
Shelving for spare fire extinguishers

*Allow floor space for 4-5 tires, pumps ???*

**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:** Triage  
**Group:** Operations - Fire  
**Drawing Reference:** SKA-32F

**Quantitative Criteria:** 1 120  
Square feet

**Functional Description:** 1 Area for emergency response  
2 Area for blood pressure checks

**Qualitative Description:** 1 Private

**Locational Criteria:** 1 Near entry  
2 Off lobby

**Technical Criteria:**

**Walls:** GWB, office standard  
**Floors:** Resilient  
**Ceiling:** Acoustic Tile  
**Windows:** If possible, not required  
**Security:** Standard Office Lock  
**Equipment:** Computer, speaker  
**Other:** Sink

**Furnishings:** 1 Cot  
2 Seating - 2 guest chairs  
3 Adjustable shelving on standards  
4 Base and wall cabinets  
5 Whiteboard / Tackboard

**Notes:**

**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:**

**Group:**

**Drawing Reference:**

**Training Area**

Operations - Fire

SKA-33F

**Quantitative Criteria:** 1 240  
Square feet  
2 80 SF per floor stacked

**Functional Description:** 1 Area for Training  
2 Extend three levels high

**Qualitative Description:** 1 Private

**Locational Criteria:** 1 Off apparatus

**Technical Criteria:**

**Walls:** CMU

**Floors:** Concrete

**Ceiling:** None

**Windows:** Training Openings

**Security:**

**Equipment:**

**Other:**

**Furnishings:** 1

**Notes:** This area to be used for training and to extend to three levels. Access points off of stair and mezzanine if possible. Training to include openings in CMU walls and tie offs, etc.

**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:** Server / E911 Room

**Group:** Building Support

**Drawing Reference:** SKA-9S

**Quantitative Criteria:** 1 192  
Square feet

**Functional Description:** 1 Room for Fire servers  
2 Card access head end location

**Qualitative Description:** 1 Secure, dry, well lit

**Locational Criteria:** 1 Central location or as required

**Technical Criteria:**

**Walls:** CMU or high impact GWB

**Floors:** Resilient

**Ceiling:** Exposed to structure

**Windows:** None

**Security:** Standard office lock with limited access

**Equipment:** CCTV, telephone, security, E911, card access, server racks, switches, Fire Department UPS power, telephone head end

**Other:**

**Furnishings:** 1 Racks

**Notes:** Provide backboards for all wall mounted equipment

**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:** **Mechanical Room**

**Group:** Building Support

**Drawing Reference:** SKA-10S

**Quantitative Criteria:** 1 400  
Square feet

**Functional Description:** 1 Room for mechanical equipment

**Qualitative Description:** 1 Service type room

**Locational Criteria:** 1 Central in building

**Technical Criteria:**

**Walls:** CMU or high impact GWB

**Floors:** Concrete with hardener or sealer

**Ceiling:** Exposed to structure

**Windows:** Not required

**Security:** Standard storage lock

**Equipment:** Mechanical Equipment

**Other:**

**Furnishings:** 1 None

**Notes:** Double door  
Consider resiliency

**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:** **Main Electrical Room**

**Group:** Building Support

**Drawing Reference:** SKA-11S

**Quantitative Criteria:** 1 180  
Square feet

**Functional Description:** 1 Room for electrical service and panels

**Qualitative Description:** 1 Service type room

**Locational Criteria:** 1 Central in building  
2 Close to emergency generator

**Technical Criteria:**

**Walls:** CMU or high impact GWB

**Floors:** Concrete with hardener or sealer

**Ceiling:** GWB

**Windows:** Not required

**Security:** Standard storage lock

**Equipment:** Electrical equipment

**Other:**

**Furnishings:** 1 None

**Notes:** Consider resiliency

**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:** **Plumbing / Fire Protection Room**

**Group:** Building Support

**Drawing Reference:** SKA-12S

**Quantitative Criteria:** 1 167  
Square feet

**Functional Description:** 1 Room for plumbing and fire protection services and panels

**Qualitative Description:** 1 Service type room

**Locational Criteria:** 1 Central in building

**Technical Criteria:**

**Walls:** CMU or high impact GWB

**Floors:** Concrete with hardener or sealer

**Ceiling:** Exposed to structure

**Windows:** Not required

**Security:** Standard storage lock

**Equipment:** Fire protection service (dry and wet) check valve assembly, domestic water meter and reduced backflow preventer, water heater and expansion tank protection, tempered water control panel and mixing valves

**Other:**

**Furnishings:** 1 None

**Notes:** Consider resiliency

**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:** **Emergency Electrical Room**

**Group:** Building Support

**Drawing Reference:** SKA-13S

**Quantitative Criteria:** 1 80  
Square feet

**Functional Description:** 1 Emergency electric panels

**Qualitative Description:** 1 Service type room

**Locational Criteria:** 1 Central in building  
2 Close to emergency generator

**Technical Criteria:**

**Walls:** CMU or high impact GWB

**Floors:** Concrete with hardener or sealer

**Ceiling:** GWB

**Windows:** Not required

**Security:** Standard storage lock

**Equipment:** Electrical equipment

**Other:**

**Furnishings:** 1 None

**Notes:** One per floor  
Consider resiliency



**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:** **Electrical Closet (1 per floor)**

**Group:** Building Support

**Drawing Reference:** SKA-14S

**Quantitative Criteria:** 1 96  
48 Square feet per Assume 2

**Functional Description:** 1 Emergency electric panels

**Qualitative Description:** 1 Service type room

**Locational Criteria:** 1 Central in building  
2 Close to emergency generator

**Technical Criteria:**

**Walls:** CMU or high impact GWB

**Floors:** Concrete with hardener or sealer

**Ceiling:** GWB

**Windows:** Not required

**Security:** Standard storage lock

**Equipment:** Electrical equipment

**Other:**

**Furnishings:** 1 None

**Notes:** One per floor  
Consider resiliency

**ROOM OR SPACE**

**Description:** Janitor's Closet  
**Group:** Building Support  
**Drawing Reference:** SKA-15S

**Quantitative Criteria:** 1 40  
Square feet  
2 1 required per floor (see notes) at 20 SF each

**Functional Description:** 1 House janitorial supplies

**Qualitative Description:** 1 Durable materials

**Locational Criteria:** 1 One required per level

**Technical Criteria:**

**Walls:** Moisture Resistant GWB  
**Floors:** Ceramic Tile, resinous, linoleum  
**Ceiling:** GWB  
**Windows:** None  
**Security:** Standard Lock  
**Equipment:** None  
**Other:**

**Furnishings:** 1 Janitors sink or mop sink  
2 Rack for mops, brooms etc.  
3 Shelving

**Notes:** Per Code, one Janitor's closet required per floor. If the building is a 2-story shared facility, assume 1 Janitor in FD to be used by FD staff for cleaning living quarters.

**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:**

**Group:**

**Drawing Reference:**

**Stairs**

Building Support

SKA-16S

**Quantitative Criteria:** 1 880  
Square feet  
2 Assumes two stairs connecting two floors

**Functional Description:** 1 Vertical circulation

**Qualitative Description:** 1 Well lit

**Locational Criteria:** 1 Ideally centrally located to be shared by departments

**Technical Criteria:**

**Walls:** GWB

**Floors:** Raised rubber tile

**Ceiling:** GWB

**Windows:** Not required

**Security:** Dependant on final plan layout

**Equipment:**

**Other:**

**Furnishings:** 1

**Notes:** One required stair to be used for training: finishes, openings etc.

**Feasibility Study  
Ipswich, MA**

**ROOM OR SPACE**

**Description:** Elevator and Machine Room

**Group:** Building Support

**Drawing Reference:** SKA-17S

**Quantitative Criteria:** 1 249  
Square feet

**Functional Description:** 1 Vertical circulation

**Qualitative Description:** 1

**Locational Criteria:** 1 Accessible to the lobby

**Technical Criteria:**

**Walls:** Standard

**Floors:** Porcelain Tile in elevator; resilient in machine room

**Ceiling:** Standard

**Windows:** NA

**Security:** Dependant on final plan layout

**Equipment:** Hydraulic elevator

**Other:**

**Furnishings:** 1

**Notes:** Includes elevator and machine room on one floor and elevator on second floor