

SCULLY / ARCHITECTS

17 Elm Street, Keene, New Hampshire 03431 www.scully-architects.com (t) 603-357-4544 (f) 603-357-4545

2 - FIRE DEPARTMENT

- A) BUILDING / SITE ASSESSMENTS FOR CENTRAL, WEST, EAST STATIONS, WITH EXISTING SITE PLANS.**

Daniel V. Scully, Principal Architect, LEED AP
Katie Cassidy Sutherland, Associate Architect, LEED AP
David Drasba, Architect, LEED AP
Andrew Weglinski, LEED AP/BPI Building Analyst
Bill Fleming, Architect

May 14, 2014

Building Assessment for Existing Swanzey Central Fire Department

620 Old Homestead Highway
Swanzey, New Hampshire 03446

History of Building:

The building was originally constructed in 1914, of wood balloon-framed construction with timber trusses, twelve feet on center, framing the roof. The original volume was sixty feet wide by fifty-four feet long. In the 1960s, the basement was modified to house the Central Swanzey Fire Station. There was a 9' addition made to the south side of the basement at this time, in which the garage doors are located. In 1988, Zaluki Construction designed and built an underground concrete generator room to the west of the fire station garage doors, below the front lawn of Town Hall. In 1992, Thomas Weller designed a back door with accessible ramp and a new attic stair and storage area over the Tax Collector's office and building lobby.



Site Conditions:

The Swanzey Town Hall and Central Fire Department share occupancy of a building located at 620 Old Homestead Highway. Map 34 Lot 1 is a 1.02+/- acre lot in the Residential zone in Swanzey Center. The original building was constructed in 1850. It consists of a 3749 sf two story, wood-framed building with a 3 bay fire station on the walk-out basement level and the Town Hall offices on the second level. An at-grade access to the Town Hall offices is provided via steps on the west side of the building and a handicap ramp with steps on the east side. There are currently 8 - 10 full and part-time employees working out of the facility. The Central Fire Station facility operates 24 hours per day.

Site Data:

- **Lot Size-** 1.02 +/- acres
- **Land Assessed Value** – The 2013 town assessment of the land value is \$55,700.
- **Building Assessed Value** – The 2013 town assessment of the building value is \$401,300.

- **3 Phase Power** – 3 phase power exists at the site. A 25KW diesel emergency generator provides 3 phase, 480 volt emergency power, converted to 208Y/120 volts through a 45 KVA transformer.
- **Site Access** – Two driveways to Old Homestead Highway (Rt. 32) on the east side of the road with adequate line of sight in each direction. The southernmost driveway is shared with the Mt. Caesar Union Library, the Town Hall and the Central Fire Station. To the south of the library is an additional shared access over a 50' right of way over land of the Monadnock Regional School District for access to the rear of the Town Hall Property. See map recorded at CCRD Cab. 11, Drawer 8-480, 8-24-93.
- **Topography** – The site is sloping upward from the road at 4%-5% and then is relatively flat around the building. On the south side the driveway slopes down to the Fire Station access at approximately 12%. Retaining walls surround the Fire Station access on the south side of the building.
- **Uplands/Wetlands** – No wetlands were visible at the site.
- **Soils** – NRCS soils maps indicate soil group 26 B (Windsor loamy sand) on the site.
- **Floodplain** – The property is not in the 100 year floodplain.
- **Site Configuration** – The existing site is L shaped, approximately 180' wide at the frontage, approximately 196' deep on the north side, approximately 297' on the rear side, approximately 84' on the south side, approximately 133' along the rear of the library lot, and approximately 94' along the north side of the library lot.
- **Sewer** – On site septic, installed 1993 +/- on land purchased from Monadnock School District, capacity 640 gpd (32 occupants at 20 gpd). (See septic design plans by James Ferguson, approved NHWSPC 5-15-92, #192462)
- **Floor Drains** - None
- **Water** – On site well, installed _____, capacity ____ gpm, last tested _____, not registered as non-transient community well. (Well data not available)
- **Parking** – 19 paved parking spaces with 2 HC spaces are provided near the front of the Town Hall on land within the Rt. 32 right of way. An additional 23 paved parking spaces are provided at the rear of the Town Hall. A wooden ramp provides HC access to rear of Town Hall.
- **Site Lighting** – 2-HID wall pak lights located on building. No light poles on site.
- **Propane/Oil** – Inside 2-330 gallon oil storage tanks.
- **Special Equipment** – Emergency generator, 25KW diesel emergency generator provides 3 phase, 480 volt emergency power, converted to 208Y/120 volts through a 45 KVA transformer.
- **Site Drainage** – Sheet drainage to all sides away from building.

Site Observations: Site visit on March 05, 2014

- Driveway to rear parking only 9' wide along north side of Town Hall.
- Inadequate on-site snow storage at front parking.
- Runoff from rear slope causing icing at rear parking in winter and occasional washouts after heavy rains.
- HC spaces located at front parking area while HC ramp located at rear parking area.
- Front parking area located on State land (Rt. 32 right of way).
- Sewer line freezes in winter.
- Inadequate site lighting for public areas.
- No motion sensors or lighting timers.

- Number of parking spaces limits public meetings and uses; inadequate for voting.
- No van accessible handicap parking. HC signage out of compliance.
- No parking lot striping at rear parking, east side.

Considerations:

- Site will support a building expansion to the south up to 60 feet wide x 100 feet deep.
- Parking can be expanded at the rear lot extending to the south, adding at least 20 more spaces.
- Adjacent school district property should be considered for creation of a shared parking lot which could service both school functions (athletic activities, graduations, employee parking) and Town functions (public meetings, voting, employee parking).

***Existing Site Plan is included at the end of this assessment.**

Structural Conditions

An addition to the south end of the basement needed to be built to accommodate fire trucks. The largest truck in the fire station needs to be fully loaded to pass through the garage doors. The floor slab appears sound.

The retaining wall on the east side of the fire station entrance needs to be rebuilt. The west side wall appears to be in good condition.

Handicap accessibility is very poor. Handicap entrances generally should be located at the main entrance. In the basement there are stairs up to a unisex restroom, workshops and storage areas. Over 4' of stairs separates work shop storage areas and restrooms from the main floor. There isn't room to lower these spaces so they are accessible.

Due to neighboring structures above and below and to the side expansion possibilities are very difficult to determine. We already know parking is limited due to easements.



Architectural Exterior Condition:

The Fire Department is almost entirely below grade

Architectural Interior Condition – General Comments:

Insulation was not visible to the interior or to the exterior of the basement fire station walls, so our assumption is that the below grade walls are currently uninsulated, and do not meet energy code. The basement level which houses the Central Fire Station is slab on grade, likely without below slab insulation, as that was not required in the 1960s when the slab was poured. The walls are mostly masonry, with the exception a few interior partitions. There is no interior connection between the basement and first floor levels. There is no sprinkler system in the basement as required by Life Safety Code, and no fire rating between the floors and their different uses. A 2-hour fire rated separation is required in this case. There is only one exit in and out of the basement, which does not meet life safety requirements. There is also an underground generator room adjacent to the basement, and accessed only from the exterior, through the retaining wall. Some ground water is reportedly infiltrating the basement through the foundation walls.

Architectural Interior Condition Basement Fire Department

As previously mentioned, there was a 9' addition made to the south side of the building to provide adequate length for the fire trucks, at the time of the addition in the 1960s. The current apparatus vehicles barely fit the length provided. There are 3 bays, and 3 trucks kept in the Central Fire Station. The bays are defined by a column grid that supports the 12' on center structural bays in the building above. Steel is exposed and not properly fireproofed. The doors to the truck bays do not appear to have emergency stops or return controls. To either side of the truck bays are raised areas, which are not accessible. To the west are lockers at the truck floor elevation, and stairs up to a long mechanical room that runs the length of the west side of the building. There does not appear to be the required fire separation between the mechanical room and the truck bay area, or between the mechanical room and the Town Hall space above. On the east side of the truck bay is a raised single sex toilet, not accessible as it is up a flight of steps. There is another raised storage room, with the ceiling finish removed, on the east side of the building.





The ceilings of the fire station should be made to satisfy a 2-hour fire rating, as required by code between the different uses of this building. This room also houses hazardous materials and should be properly ventilated and separated with a fire-rated enclosure from the apparatus bays.



To the north of the apparatus bays is a large meeting room, with television on the west side and trophy storage and cabinets to the east. This room appears to be in good condition in terms of architectural finishes.





Mechanical Conditions:

Sprinkler

- The building is not sprinklered.

Plumbing

- The building shares a well water system with the adjacent library building.
- The building is on the Town septic system.
- There is a single toilet room downstairs, this room is not ADA compliant.
- The kitchen in the fire training room utilizes residential style systems and appliances.
- A second electric domestic water heater is located in the equipment room in the basement.
- A shop air compressor is located in the general room. The compressor is mounted on a vertical tank and appears to be in good condition. Air drops are located in the apparatus bays.



HVAC

- The building is heated with an oil fired cast iron boiler Model Q215/3, 180 MBH output. There are two (2) 330 gallon oil tanks located in adjacent storage room. There are four (4) thermostatic zones.



- Heating of the upper level is done with baseboard radiation. The apparatus bay is heated with unit heaters.
- There are no ventilation systems or tailpipe exhaust systems other than ceiling exhaust fans in toilet rooms.



Electrical

- The building is provided with a 120/208 volt, 3-phase service. Panels are obsolete and should be replaced. There are branch panels on both floors.
- Wiring includes the use of NM non-metallic type which needs to be removed to comply with current code.
- The building also has a 25 kW standby generator. A free-standing fuel storage tank is located in the generator room. When required power is transferred manually.
- The building is with a central fire alarm system. Pull stations are located at building exits, smoke detectors are provided in selected areas but not complete. Horn strobe annunciation is not provided in all rooms as required by code.
- There are some exit and emergency lights but coverage is incomplete.





TOWN OF SWANZEY
 PO BOX 10009
 SWANZEY, NH 03446

Brickstone
 Land Use Consultants, LLC
 185 Winchester Street, Keene, NH 03431
 Phone: (603) 357-0116

SWANZEY FIRE DEPARTMENT CENTRAL STATION
 AND TOWN HALL
 OLD HOMESTEAD HIGHWAY, SWANZEY, NH

REVISION

EXIST. PLOT PLAN

SCALE: 1"=40'
 DATE 4/14/14

TH/SFD

Daniel V. Scully, Principal Architect, LEED AP
Katie Cassidy Sutherland, Associate Architect, LEED AP
David Drasba, Architect, LEED AP
Andrew Weglinski, LEED AP/BPI Building Analyst
Bill Fleming, Architect

May 14, 2014

Building Assessment for Existing West Swanzey Fire Department

34 Main Road
Swanzey, New Hampshire 03446

History of Building:

The West Swanzey Fire Station was built in 1949 as a Fire Station. Membership photos document it very well. The original building is two-story, with 1,465 SF on each floor. Two bays were added in the 1980s at 1,090 SF, and a 300 SF rear building extension was added in 2010 for a ladder truck and a work shop. Entry, stair and second floor improvements were also made in 2010. The trucks cannot use the Thompson Covered Bridge, however, a modern bridge a few minutes to the south allows heavy equipment to get to NH Route 10, and residential and commercial properties west of the Ashuelot River quickly. A Town Park separates the property from the Ashuelot River. Extra parking may be available at the parking lot of the Park. The station faces North onto Main Street. Although Main Street has a moderate grade, the Chief has indicated trucks have not had a problem using it in winter weather. The facility is 4,320 SF in total. Expansion of the facility at this site appears difficult unless additional property is found.



Site Conditions:

See report by Brickstone Land Use Consultants.

Structural Conditions:

Report by Thayer Fellows, PE

The structure is very well built. The entire building, including the additions, appears to be well founded. Exterior walls are constructed of 12" concrete masonry for the original construction at both floors and at the 2-bay truck addition. The recent addition at the rear of the lower truck bay is constructed with 2x6 at 16" oc. Unusual cracks were not observed in the concrete or masonry. There is a 32"+/- difference in elevation between the older building and the newer additions.

The truck floors and work space floors are concrete slabs. They appear to be in good condition. The site is built on well drained sandy soils above the flood plain of the nearby Ashuelot River. Floor drains in the upper section drain to the rear. They are approximately 2.5' deep and need to be cleaned periodically of sand from the trucks. Washing the larger trucks outside is limited due to proximity to the street.

On the second floor, 4" diameter steel columns placed at the 3rd points in each direction of the original structure support the 2nd floor wood framing. The flat roof is framed with wood beams and roof joists. The roof structure is also supported off the same steel columns. The steel columns are very much structural. They cannot be removed. Although we could not see the floor and roof framing directly, they appear to be adequately supported for office loading and snow loading. Unusual cracks were not observed. A cut off beam could be seen running north to south in the rear access stairway.



16" deep open web steel bar joists spaced at 5' OC with 2" deep corrugated metal roof decking support the lower truck bay flat roof.

Thanks need to be extended to the Chief for a walk up the ladder truck ladder to inspect the roof deck.

Architectural Exterior Condition:

The stone ballasted roofing over the original building and the addition has reached its useful life. The stone and old roofing membrane/built up covering is scheduled for replacement with a contemporary light weight membrane soon. This work should be done. The insulation for both roofs needs to be investigated and improved. The roofs are capable of supporting additional insulation. There is a shed metal roof on the latest rear addition, with presumably cavity insulation within the roof framing.



The masonry chimney used by the boiler is a clay tile lined structure. At the immediate top of the chimney the existing bricks need to be repointed.



The exterior walls are covered in a combination of cement board siding and vinyl siding. The cement board siding is newer and in better condition. The vinyl siding is in fair condition. The cement board trim around the overhead door openings is damaged in a couple of locations, and the doors should be better protected with bollards or steel angles at the openings.

The 2nd floor steel fire escape on the east of the facility appears to be sound but is out of compliance because of its width 27" and it is not protected from the weather.



Envelope / Insulation Conditions – General Comments:

Because the original building was constructed so long ago, there is presumably no under-slab or below grade foundation wall insulation, which is required by today's energy code for new buildings. Insulation for the 12" exterior masonry walls appears to be limited to 2" of rigid polystyrene on the exterior masonry surfaces covered with a vinyl clapboard siding. Larger original windows are covered over, reportedly without any additional cavity insulation. This does not meet the current energy code, which requires continuous insulation with a minimum thermal resistance of R11.4 for masonry buildings. The new rear addition appears to be insulated with 6" fiberglass batt insulation. This also does not meet current code requirements of R3.8 of continuous insulation in addition to R-13 cavity insulation for wood framed building. The flat roof insulation for the main sections is unknown. The older building, and the small shed roof are likely insulated in the wood roof framing. The 2-bay steel roof insulation would be on the surface of the corrugated steel deck. The insulation needs to be investigated at the time when a new roof is installed. Current energy code requires a minimum of R20 continuous insulation above the roof deck. Upgrading the exterior wall and roof insulation could be easily accomplished on this building.



Architectural Interior:

The main issue on the interior is the overcrowding of space, and lack of accessibility to meet current building code requirements. In general, the overhead garage doors are just wide enough for the modern apparatus vehicles and ideally should be wider. The bays are just long enough for the vehicles and ideally should be longer, especially considering that the vehicles continue to get larger.

A relatively new deep drilled well is found in the latest addition. The well is used for refilling the trucks. It is an odd place for a well. Wells located inside structures can be difficult to service. In this case, it is also a tripping hazard. The workshop room is currently overloaded with storage. One part of the workshop is open to the truck bays to provide additional length for the ladder truck which backs into the workshop room.

The lower apparatus bays are not accessible from upper apparatus bays, although there are at grade entries to that addition from the exterior.

The locker room is in a converted bay of the original building, and appears to be sufficient in size. It has a laundry area, and the mechanical room is located beyond the laundry wall.

The toilet room is not accessible and is very difficult to access when a vehicle is in the bay, as it was on our visit. There is not adequate clearance to the door, or space in the bathroom.

The central bay of the original building has been converted to an accessible public entry with a regular swinging door with sidelites, and a desk area inside. A stair to the second floor is just beyond this, and does not meet building code requirements. Stairs over twelve feet in rise are required to have an intermediate landing, which this one does not. Structurally it appears sound, however, the old beam masonry support pilaster reduces the passage way in the stairway significantly. The pilaster can be removed without reducing the floor beam strength if a new post is added from the 1st floor concrete slab to the 2nd floor support beam and the roof support framing. The situation needs to be thoroughly investigated at the time of construction renovation. The stairway also needs to be properly hand railed, and fire separated with a self closing fire-rated door from the apparatus bays.

The 2nd floor appears to be fire separated from the first floor as the first floor ceiling is entirely gypsum board below the second floor, but this should be further investigated by opening the ceiling to review the floor construction. The second floor is used for offices, kitchenette and crew break room, sleeping room for student training program, and a conference room in which some public meetings are held. There is a one single sex toilet, which does not appear to meet accessibility requirements. Most of doors within the office area are 30" wide. The second floor should be accessible, should have an accessible toilet room for each sex, and should have 36" wide doors.

Finishes appear to be in good condition throughout the renovated second floor area. There are wood floors, painted gypsum board walls with wood chair rail, and lay in acoustical ceilings with 2x4 fluorescent fixtures.

Mechanical Conditions:

Sprinkler

- The building is not sprinklered.

Plumbing

- The building has a well water service, the well head is located in the storage area behind the lower apparatus bay.
- The building is connected to the town sewer.



- There are area drains in the apparatus bays, there is no indication that the required oil/grit separate exists, and drains are reported to not be connected to the sanitary sewer.
- There are toilet rooms on both levels. Water closet are tank type, fixtures are not ADA compliant, and fixtures are in fair condition.
- A laundry tub is located in the boiler room, residential type laundry equipment is located at the back of the central apparatus bay.
- The kitchen on the upper level is also fitted with residential fixtures and appliances. A propane tank service is provided for the gas range.
- Truck hose wash faucets are provided in the apparatus bays. Faucets are not equipped with vacuum breaker.
- A shop air compressor is located at the lower apparatus bay.

HVAC

- The building is heated with an oil fired cast iron boiler, Peerless \pm 300 MBH built in 1990. The boiler is \pm 25 years old, indoor condition and at the end of its useful life.
- There are three pumping zones, the apparatus bays are heated with hot water unit heaters, and the upper floor has baseboard radiation. Thermostats are simple dual type, there are no provisions for automatic night setback.
- The building has no ventilation outside air systems as required by Code. Bathrooms do have ceiling mounted exhaust fans.
- There are no tailpipe exhaust systems for the fire equipment.

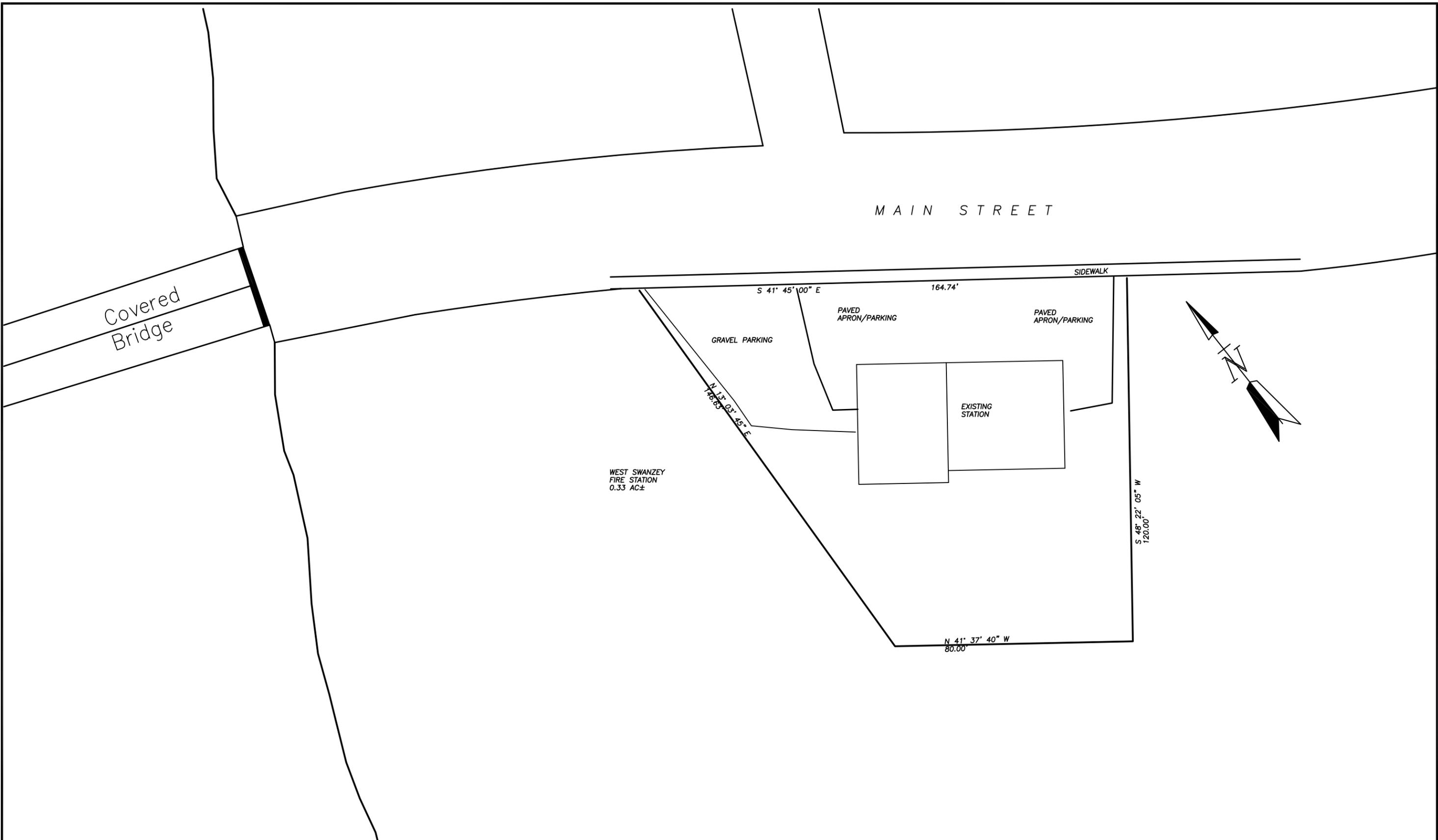


Electrical

- The building is served with a 120/240 volt, single phase, and 200 amp panel. The utility meter is located on the exterior wall. Three phase is available on the street. Lighting throughout is primarily fluorescent, fixture have been updated and utilized T8 lamps. A time clock is provided for the exterior lighting.
- The building is protected with a fairly up-to-date fire alarm system, Silent Knight IFP-50. Fire pull stations are located at exterior doors, smoke detectors are placed throughout, and horn strobes are located in most rooms.
- Wiring appears to be either shielded or in conduit.



- There did not appear to be any exit or emergency lights.



TOWN OF SWANZEY
 PO BOX 10009
 SWANZEY, NH 03446

Brickstone
 Land Use Consultants, LLC
 185 Winchester Street, Keene, NH 03431
 Phone: (603) 357-0116

SWANZEY FIRE DEPARTMENT
 WEST STATION
 MAIN ST. WEST SWANZEY, NH

REVISION

EXIST. PLOT PLAN

SCALE: 1"=30'
 DATE 4/14/14

SFD W

Daniel V. Scully, Principal Architect, LEED AP
Katie Cassidy Sutherland, Associate Architect, LEED AP
David Drasba, Architect, LEED AP
Andrew Weglinski, LEED AP/BPI Building Analyst
Bill Fleming, Architect

May 14, 2014

Building Assessment for Existing East Swanzey Fire Department

204 South Road
Swanzey, New Hampshire 03446

History of Building:

The East Swanzey Fire Station houses many of the departments smaller but important vehicles and tools. The East Swanzey Fire Department was established in 1902 and the facility appears to be a post World War II community project. The date of construction for the original building and its additions are unknown at this time. Located on South Street near the center of the Village of East Swanzey, the station provides good coverage for the south and east end of Town. The original wood frame structure is 1,100 SF has 2 truck bays and an added 835 SF truck bay to the east, and a 480 SF addition at the rear of the original 2 bay structure. The overall area of this facility is 2,415 SF. The additions were reportedly constructed about twenty years ago or so. Expansion at the site appears to be limited by lot size, parking, and site infrastructure.

There is also a separate storage shed on site, behind the building, which reportedly houses storage for fundraising, the East Swanzey Fire Company being a non-profit association, and storage for water rescue equipment. We did not enter or evaluate this storage shed. It appears to be wood framed with painted T1-11 plywood siding, asphalt shingle roof and single overhead door on the gable end.

Site Conditions:

The Swanzey Fire Department East Station is located on the south Road in East Swanzey. The station occupies



Map 24 Lot 10. A boundary line adjustment was done in 1994 between this lot and the abutting parcel to add land area to the fire station lot. The lot is now 0.31+/- acres and is located in the Residential Zone. The station is approximately 2,400 sf and constructed on two levels. The main building was constructed in 1950 and appears to have at least one addition added at some time however the age is unknown. There is a storage shed on the lot constructed in 2008. The building is located close to South Road and trucks are required to stop in the road to back into the station. The apron in front of the station does not appear deep enough for trucks to park in front of the station. There is a gravel parking area beside the station that can accommodate approximately 8 vehicles of the fire fighters. This building has some meeting space and office space in the rear. There is no fire separation and no fire suppression system. There is no emergency power system.

Site Data:

- **Lot Size-** 0.13 +/- acres
- **Land Assessed Value** – The 2013 town assessment of the total land value is \$43,400.
- **Building Assessed Value** – The main building was constructed in 1950 and has had at least one later addition. There is also a separate storage building. The 2013 town assessment of all the buildings on site is \$131,100.
- **3 Phase Power** – 3 phase power exists at the site.
- **Site Access** – The property is accessed through a wide open frontage with no defined entrances. There is parking for employees on the west end of the site.
- **Topography** – The lot slopes up from South Road to the rear at a constant pitch.
- **Uplands/Wetlands** – No wetlands were visible at the site.
- **Soils** – NRCS soils maps indicate soil group 26 B (Windsor Loamy fine Sand) on the front portion of the site with a small portion of 60D (Tungridge-Berkshire) in the rear.
- **Floodplain** – The property is not in the 100 year floodplain.
- **Site Configuration** – The site is rectangular and is approximately 120' wide at the frontage, approximately 145' deep and approximately 140' along the rear. The site is bounded by residential properties.
- **Sewer** – The location and condition of the sewer system is unknown.
- **Floor Drains** – No floor drains were noted.
- **Water** – The property is served by an onsite well. The age, condition and capacity of the well is unknown. (Well data not available)
- **Parking** – 7 - 8 gravel parking spaces are provided to the north of the existing building. No ADA spaces were observed.
- **Site Lighting** – Site lighting is provided by wall mounted fixtures on the existing buildings.
- **Propane/Oil** – Oil fired hot air system.
- **Special Equipment** – None.
- **Site Drainage** – The site drains towards South Road. There is a catch basin in South Road in front of the building.

Site Observations: Site visit on March 05, 2014

- No emergency power for continued operation during emergency situations.
- No fire suppression system.
- No ADA parking or ADA accessibility evident.
- Further expansion at this location not likely due to site constraints.
- Septic system may not be located on this property.
- Inadequate site lighting for nighttime access.

Considerations:

- Continued use of this site may require future purchase of abutting residential property to the south for expansion.
- Consider emergency generator of operation during power outages.
- Investigate location and condition of sewer system.

Structural Conditions:

The 8" concrete masonry foundation appears sound. The concrete slabs for the truck bays are quite rough but functional. The slabs have numerous cracks but they are supporting the trucks adequately. The interface between the slabs has a difference in elevation of 1" +/- . One could trip on the edge. The situation could be repaired by grinding the high side down or creating a short ramp. A slab drain appears to drain to a catch basin manhole at South Street.

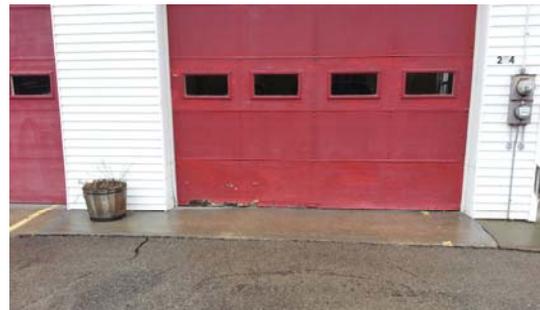
Walls to the original 2 bay structure are rough sawn 2x6 @ 16"OC stud construction. The additions on the east side and the rear have 2x4 @ 16" OC studs. The roof is framed with rough sawn 2x6 rafters @ 16" OC. Similar sized ties are used for the attic floor. Due to difficulty of access the attic has very little storage. The attic should not be used for storage. If needed based on a more complete analysis of the roof framing the rafters and ties can be easily improved with web bracing.

Architectural Exterior Condition:

The hose drying tower should be removed. Energy loss would be reduced, roof framing would be improved, and the brick masonry chimney which is too close and short with respect to the tower would become appropriately located. The shallow pitch roof has a new membrane. The main truck bay and rear office area have new architectural grade asphalt shingles, replaced just last year. The roof coverings appear sound.

The exterior walls are covered in vinyl siding, which is in fair to good condition and damaged in several locations around the overhead doors. The overhead door trim needs to be replaced and protected. The overhead doors are also in poor condition and should be replaced and made wider.

The windows are double glazed and appear to be in good condition.



Envelope / Insulation Conditions – General Comments:

Insulation of the outside walls is unknown, and should be further investigated if this building is to be maintained. The attic space has approximately 6" of loose fiberglass on the ceiling of the truck bay. Insulation for the newer truck bay appears to be a rigid foam on the shallow pitched deck under a new membrane. Department records are being sought to determine the insulation added under the membrane. There is presumably no under-slab or below grade foundation wall insulation.

Architectural Interior:

The difference in elevation between the office area and the truck bays is a problem. One can get grade access from the outside, however, internal access is a tough situation to improve, and the current building does not meet accessibility requirements in this regard. The bathroom is also much too small to meet accessibility requirements as well. The wall finishes of the apparatus bays are plastic / frp panels and the ceiling is a popcorn painted finish on gypsum board. There is water damage on the ceiling of the added apparatus bay from a previous roof leak that has since been repaired.



The mechanical room is very small and not fire separated from the apparatus bays.

The upstairs meeting room is slab on grade, with VCT finish. The walls are covered in a wood panel vertical wainscot. The ceiling is a lay in 2x4 acoustical ceiling. There is a billiards table, refrigerator, microwave, and a single work station in this room. This is a volunteer station with no full time staff.



Mechanical Conditions:

Report by W.V. Engineering, Associates, PA
Sprinklers

- The building is not sprinklered.

Plumbing

- This building has a domestic well water system, well head is located on the site in the grass section adjacent to the building.



- Sanitary sewer is assumed to be an on-site disposal system, this needs to be confirmed.
- Truck wash-down stations do not have required volume breakers.
- There is one toilet room which includes a floor mounted tank toilet and laundry sink for the lavatory.
- Domestic hot water is heated via an electric storage unit.
- There are shop air and breathable compressed air system.



HVAC

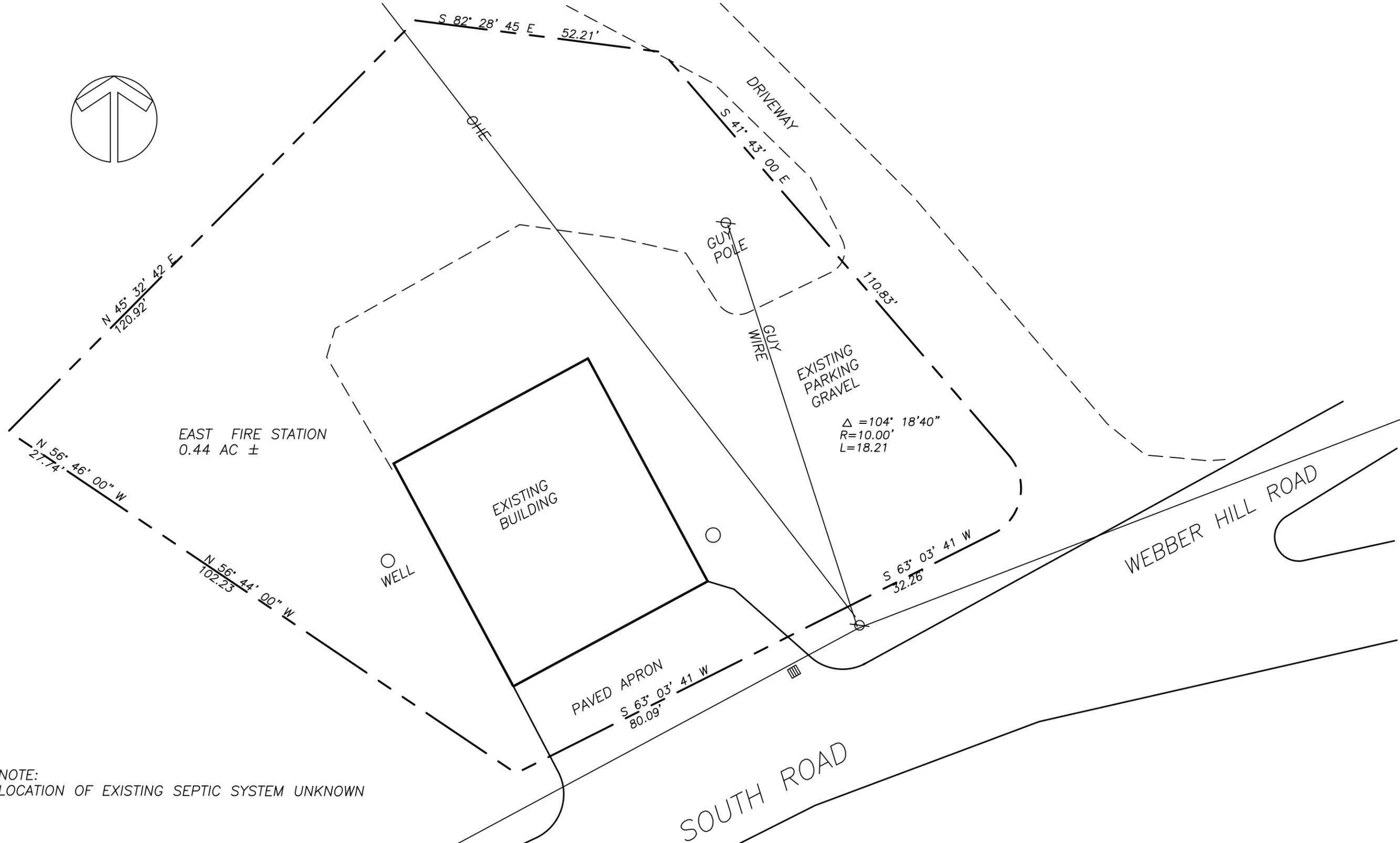
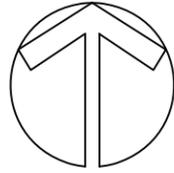
- The building is heated with a single oil fired furnace, unit appears to be \pm 2 years old and in good condition.
- There are no required apparatus bay exhaust or tail pipe exhaust system.
- The building is not air conditioned except for window units in the upper office/conference room.



Electrical

- The building has a 120/240 volt, single phase 100 amp service. There is 3-phase electrical service. Some wiring utilizes fluorescent lighting throughout. Fixtures seem to have been updated to utilize T8 lamps.
- This building has a Silent Knight IFP-50 fire alarm system. Pull stations are located at enter door, smoke detectors are mounted on the ceiling throughout and pull stations are at exterior door.
- Building utilizes NM non-metallic wiring which does not comply with current code.
- There are none of the required emergency and exit lights.





NOTE:
LOCATION OF EXISTING SEPTIC SYSTEM UNKNOWN

TOWN OF SWANZEY
PO BOX 10009
SWANZEY, NH 03446

Brickstone
Land Use Consultants, LLC
185 Winchester Street, Keene, NH 03431
Phone: (603) 357-0116

SWANZEY FIRE DEPARTMENT
EAST STATION
SOUTH RD, EAST SWANZEY, NH

REVISION

EXIST. PLOT PLAN

SCALE: 1"=50'
DATE 4/14/14

SFD 3

SCULLY / ARCHITECTS

17 Elm Street, Keene, New Hampshire 03431 www.scully-architects.com (t) 603-357-4544 (f) 603-357-4545

2 - FIRE DEPARTMENT

B) PROGRAM

Swanzy Fire Station Space/Usage Analysis

Program Item	Room Name	1st Floor Area	Mezz	2nd Floor Area	Total Area
	Apparatus Bay				
1	Apparatus Bay	6,987			6,987
	Subtotal - Apparatus	6,987			6,987
	Firematic Support				
1.1	Mezzanine		1,120		1,120
2	Storage Room #1	252			252
3	Storage Room #2	252			252
4	Storage Room #3	0			0
5	Yard Storage	0			0
6	Turnout Gear	335			335
7	EMS Storage Room & Decon	393			393
8	Work Room	200			200
9	Laundry	169			169
10	Hazardous Waste	14			14
11	SCBA Compressor Room	0	142		142
12	SCBA Fill Station Room	100			100
13	Janitors Closet	80			80
14	Apparatus Floor Uni-Sex ADA Rest Room	62			62
15	Communications Room	145			145
	Subtotal - Firematic Support	2,002			2,002
	Administration				
16	Firefighter's Lobby	120		0	120
17	Conference Room	292		0	292
18	Report Room	140		0	140
19	Chief	179		0	179
20	Deputy Chief	179		0	179
21	Fire Inspector	179		0	179
22	EMS Coordinator	179		0	179
23	Future Office	0		0	0
24	Office Storage	50		0	50
25	Office Workroom	126		0	126
26	Records Storage	0	100	0	100
	Subtotal - Administration	1,444		0	1,444
	Firefighters				
27	Day Room	632		0	632
28	Firefighters' Rest Rooms (2 @ 65 sq ft)	130		0	130
29	Bunkrooms (2 @ 167 sq ft)	334		0	334
30	Bunkers' Bathrooms (1 @ 91 sq ft)	91		0	91
	Bunkers' Locker Room ???	0		0	0
31	Bunker's Area Laundry	59		0	59
	Subtotal - Firefighters	1,246		0	1,246
	Public Spaces				
32	Public Entry Area & Museum	200		0	200
33	First Aid & Triage	20		0	20
34	Coat Recess	20		0	20
35	Meeting/Training Room	845		0	845
36	Meeting Room Tables & Chairs	120		0	120
37	Training Prop Storage	60		0	60
38	Meeting Room A/V	60		0	60
39	Kitchenette w/ Closet	12		0	12
40	Public Rest Rooms M & F @ 73 sq ft ea	146		0	146
	Subtotal - Public Spaces	1,483		0	1,483
	Miscellaneous Space				
41	(2) Entry Vestibules	128		0	128
42	Housekeeping Storage	0	50	50	100
43	Office Side Janitors Closet	0		0	0
44	Generator	0		0	0
45	File Server	0	60	0	60
46	Mechanical/Electrical	60	240	60	360
47	(2) Stairwells (area per floor)	0		364	364
48	Elevator (area per floor)	0		58	58
49	Elevator Equipment Room	0		0	0
50	Elevator Foyer	0		80	80
	Subtotal - Miscellaneous Spaces	188		110	298
	Area Subtotals				
	Bay	6,987			6,987
	Firematic Support	2,002			2,002
	Mezzanine		1,120		1,120
	Office & Living	4,361		110	4,471
	Walls & Circulation				
	Apparatus Bay Walls @ 9%	629			629
	Firematic Support Walls @ 15%	300			300
	Firematic Support Circulation @ 15%	300			300
	Office Area Walls @ 20%	872		22	894
	Office Area Circulation @ 15%	654		17	671
	Subtotal - Walls & Circulation	2,756	0	39	2,794
	Total >>	16,106	1,120	149	17,374
	Footprint>>	16,106			16,106

MITCHELL ASSOCIATES ARCHITECTS

• EMERGENCY SERVICES FACILITIES •

Swanzey Fire Station Program

1st Program Meeting Date: **February 3, 2014**

Printout Date: **October 3, 2014**

Filename: Swanzey Fire Program.doc

This document is not meant to be limited to an inventory of what you currently have. Indicate what you currently need for proper operations and try to forecast what you will need for the future.

A General Information

- A1. Number of Members: total: **50** active: **50** female: **5**
- A2. Typical Turnout: **15-20 for a 1st alarm; 2-6 for medical or motor vehicle**
- A3. On-Call: **47**
- A4. Number of calls/year: **864 [66% medical, 7% auto]**
- A5. Administrative Staffing: **Full time Chief, (3) part time administrators**
- A6. Select Board Members:
- A6.1. **Nancy Carlson**
- A6.2. **Deborah Davis**
- A6.3. **Kenneth Colby**
- A7. Town Administrator: **Shane O'Keefe**
- A8. Building Committee:

	Meeting Attendance:	Date: 2/3/14	2/21/14	_____	_____	_____
A9.1. Chief Skantze	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A9.2. Goeff Davis	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A9.3. Kevin Bell	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A9.4. Dave Page	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A9.5. Matt O'Neil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A9.6. Fred MacKenzie	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

A9. Type of entity: **Municipal fire department organized under RSA 154:4**

A9.1. Number of Departments involved: **One, the Swanzey Fire Department**

A9.2. **There are 3 non-profit companies:**

.9.2.1. **East Swanzey Fire & Rescue Co.**

.9.2.2. **Swanzey Center Fire Co.**

.9.2.3. **Swanzey Firefighters Assoc.**

- **All are registered non-profits for social welfare and fundraising. They have little say in operational matters.**
- **Firefighters are members of one or more associations.**
- **Association members used to vote for firematic officers.**

A10. Meeting Schedule:

A10.1. Station meetings: **Monthly**

- A10.2. Department meetings: **Quarterly**
- A10.3. Officer's meetings: **Monthly**
- A10.4. **They do not currently have enough room for a department wide meeting**
- A10.5. **Station #1 is east, #2 is center, and #3 is west.**

B Functional Activities in Building

- B1. Types of response:
 - B1.1. Fire: **X**
 - B1.2. EMS: **X**
 - B1.3. Heavy Rescue: **X**
 - B1.4. HAZ MAT: **Limited**
 - B1.5. Water Rescue: **Ice, water & under ice**
 - B1.6. Ambulance: **Future**
 - B1.7. Other: **Full ALS**
- B2. Training activities in building:
 - B2.1. **Trainings 2x/mo., min plus drills**
 - B2.2. **Seminars**
 - B2.3. **Regional trainings**
 - B2.4. **Department and/or regional Meetings**
 - .2.4.1. **Hose training**
 - .2.4.2. **Apparatus pump control**
 - .2.4.3. **Auto extrication**
 - .2.4.4. **Training pad**
 - .2.4.5. **Ventilation training**
 - B2.5. **Use rear end of an ambulance as a training device**
 - B2.6. **Pump panel**
 - B2.7. **Computer based training**
- B3. Training activities on site:
 - B3.1. **Class A burn trailer**
 - B3.2. ******need adequate parking******
- B4. Fuel Filling Station: **Provide space for future option**
- B5. Sleeping Over:
 - B5.1. Now
 - .5.1.1. Intermittent, short duration: **Storm coverage, disaster or special event**
 - .5.1.2. Long term: **KSC intern(s)**
 - B5.2. Future
 - .5.2.1. Long term: **Duty crew shifts of 4 per**
- B6. Standing by: **Three towns come in – 1/station**
 - B6.1. Will other fire companies park their apparatus in the bay under certain circumstances: **Yes**
 - .6.1.1. Is their access to the building to be limited: **Yes**

- .6.1.2. Describe: **Bay & ready room**
- B7. Emergency Shelter: **No**
- B8. Firematic Business:
 - B8.1. Describe:
 - .8.1.1. **Chief**
 - .8.1.2. **Deputy Chief**
 - .8.1.3. **Fire Inspector**
 - .8.1.4. **EMS Coordinator**
 - .8.1.5. **Operational Staff (Captains & Lieutenants)**
 - .8.1.6. **Emergency Management**
 - **As an arm of the Town government, the Chief reports to the Board of Selectmen. He has administrative control of the department. The operating budget is from the Town. The Association has bought many things (OHRV, tanker chassis, hose, rescue suits, etc.)**
- B9. Social Business:
 - B9.1. Describe: **There is no social life because there is no place.**
- B10. Other: **Municipal meeting space, community group meetings, community education**
- B11. Meetings:
 - B11.1. Type: **Committees and/or staff** ; size: **10-12** ; frequency: **monthly**
 - B11.2. Type: **Full Department** ; size: **50+** ; frequency: **monthly**
 - B11.3. Type: **Companies** ; size: **25** ; frequency: **monthly**
 - B11.4. Type: **FDCIP** ; size: **7** ; frequency: **monthly**
 - B11.5. Type: **Officers** ; size: **12** ; frequency: **monthly**
 - B11.6. Type: **Water Rescue Task Force** ; size: **7-12** ; frequency: **monthly**
 - B11.7. Type: **Plan and/or Code Review** ; size: **up to 12** ; frequency: **periodic**
 - B11.8. Type: **Special Events Planning (airshow)** ; size: **up to 20** ; frequency: **periodic**
 - B11.9. Type: **Staff** ; size: **4** ; frequency: **periodic**
 - B11.10. Type: **Town Department Heads**; size: **8** ; frequency: **6/year**
 - B11.11. Type: **FD Safety Committee**; size: **5** ; frequency: **4/year**
 - B11.12. Type: **EMS Coordinator w/ Hospital** ; size: **2-3** ; frequency: **periodic**
 - B11.13. Type: **Post Incident Critique** ; size: **60 max** ; frequency: **periodic**
 - B11.14. Type: **Counseling** ; size: **2-3** ; frequency: **occasional**
 - B11.15. Type: **Community CPR Training** ; size: **up to 25** ; frequency: **periodic**
 - B11.16. Type: **Community Education Programs** ; size: **up to 50** ; frequency: **periodic**
 - B11.17. Type: **Youth Tours** ; size: **50-60** ; frequency: **periodic**
- B12. Social Life:
 - B12.1. Daily recreation – describe: **Daily activity in the building from 5 to 10 pm**
 - B12.2. Periodic recreation – describe: **Would like to host dinners**
 - B12.3. Outdoor recreation – describe: **picnic/lunch**
- B13. Misc. Activities
 - B13.1. **Open house demonstrations**

B14. Access control:

B14.1. Electronic access: **Yes**

B14.2. Vendor's access to drop off material: **Yes** ; Where: **small room**

B14.3. **Also – need to drop of plans for review**

APPARATUS

1 Apparatus Bays

1.1 Number of vehicles: **12** ; # of bays: _____

Front Line Vehicles

1.1.1 Name: **Engine 1** ; type: **Engine** ; length: _____ ; weight: _____

1.1.2 Name: **Ladder 1** ; type: **Ladder** ; length: _____ ; weight: _____

1.1.3 Name: **Tanker 1** ; type: **Tanker** ; length: _____ ; weight: _____

1.1.4 Name: **Ambulance1** ; type: **Ambulance** ; length: _____ ; weight: _____

1.1.5 Name: **Rescue 1** ; type: **Rescue** ; length: _____ ; weight: _____

Second Line Vehicles

1.1.6 Name: **Brush 1** ; type: **Brush** ; length: _____ ; weight: _____

1.1.7 Name: **Ambulance 2** ; type: **Ambulance** ; length: _____ ; weight: _____

1.1.8 Name: **Staff Car** ; type: _____ ; length: _____ ; weight: _____

1.1.9 Name: **Ranger** ; type: _____ ; length: _____ ; weight: _____

1.1.10 Name: **Water Rescue Trailer** ; type: _____ ; length: _____ ; weight: _____

Vehicles Stored Space between front and second line

1.1.11 Name: **Boat** ; type: _____ ; length: _____ ; weight: _____

1.1.12 Name: **Forestry Trailer** ; type: _____ ; length: _____ ; weight: _____

1.2 Type of bays:

1.2.1 Double deep back to back: **Yes** ; quantity: **5**

1.3 Wash bay: **Wash in place**

1.4 Plan for future expansion of bays: **No**

1.5 Overhead doors:

1.5.1 Front:

1.5.1.1 Number: **5**

1.5.1.2 Width: **13'-4"** ; Height: **14'-0"**

1.5.1.3 Windows: **Yes**

1.5.2 Rear:

1.5.2.1 Number: **5**

1.5.2.2 Width: **13'-4"** ; Height: **14'-0"**

1.5.2.3 Windows: **Yes**

- 1.6 Number of gear lockers: **8-12**
 - 1.6.1 Location: **On floor**
 - 1.6.2 Locker size: **20" x 20"**
- 1.7 Signage requirements: **_FFRS display, Symposium display**
- 1.8 Trench drains: **Yes** ; Layout: **Center lines of trucks**
- 1.9 Wall mounted water hose reels: **Yes**; Quantity: **6** ; Tempered: **Yes**
- 1.10 Fume exhaust: **Yes** ; Type: **100% source capture tailpipe hookup**
- 1.11 Turnout gear lockers: **Yes, 8 for duty crew**
- 1.12 Truck fills:
 - 1.12.1 Wall hydrant: **Yes** ; Quantity: **2**
 - 1.12.2 Outdoor hydrant: **Yes** ; Quantity: **1**
- 1.13 Overhead electrical drops: **Yes** ; Quantity: **10**
- 1.14 Overhead airdrops: **Yes** ; Quantity: **10**
- 1.15 Wall mounted air hose reels: **Yes** ; Quantity: **1**
- 1.16 Hand wash sinks: **Yes** ; Where: **Adjacent doors to balance of station**
- 1.17 Water fountain/bottle filling station: **Yes**
- 1.18 Ice machine: **Yes** ; Location: **Clean location near bay**
- 1.19 Other equipment: _____

- 1.20 Epoxy flooring: **Yes**
- 1.21 Wall construction type: **CMU**
- 1.22 Comments: **Current distribution is that each station has one engine, one specialty vehicle (ladder, tanker, or forestry) and one medical (rescue or medical response car). Dive trailer is in station 2, off-highway rescue vehicle (OHRV) is at station 1, and the boat has no permanent home.**
- 1.23 Size: **6,987** sq ft

FIREMATIC SUPPORT

1A Mezzanine

- 1A.1 Use: _____
- 1A.2 Training Features: **Ladder evolutions, bail out, mask confidence, etc.**
- 1A.3 Location: _____
- 1A.4 Comments: _____
- 1A.5 Size: **1,120** sq ft

2 Storage Room #1

- 2.1 Use: _____
- 2.2 Items to be stored:
 - 2.2.1 _____
- 2.3 Location: _____
- 2.4 Security: _____
- 2.5 Adjacencies: _____
- 2.6 Comments: _____
- 2.7 Size: **252** sq ft

3 Storage Room #2

- 3.1 Use: _____
- 3.2 Items to be stored:
 - 3.2.1 _____
- 3.3 Location: _____
- 3.4 Security: _____
- 3.5 Adjacencies: _____
- 3.6 Comments: _____
- 3.7 Size: **252** sq ft

4 Storage Room #3

- 4.1 Use: _____
- 4.2 Items to be stored:
 - 4.2.1 _____
- 4.3 Location: _____
- 4.4 Security: _____
- 4.5 Adjacencies: _____
- 4.6 Comments: **Oil storage**
- 4.7 Size: **252** sq ft

5 Yard Storage

- 5.1 Use: _____
- 5.2 Items to be stored:
 - 5.2.1 _____
- 5.3 Location: _____
- 5.4 Security: _____
- 5.5 Adjacencies: _____
- 5.6 Comments: **Add a sink**
- 5.7 Size: **352** sq ft

6 Turnout Gear Storage Room

- 6.1 Operational Comments:
 - 6.1.1 Response pathway
 - 6.1.1.1 _____
 - 6.1.2 _____
- 6.2 Quantity of Lockers: **30 plus**
- 6.3 Describe Lockers: **Gear Grid**
- 6.4 Locker Size: **20 x 20**
- 6.5 Location: _____
- 6.6 Adjacencies: **Have bathroom nearby**
- 6.7 Comments: **Satchel shelf above plus a/c outlets**
- 6.8 Size: **335 sq ft**

7 EMS Storage Room & Decon

- 7.1 Operational Comments:
 - 7.1.1 _____
- 7.2 Items to be located in this space (from current inventory):
 - 7.2.1 _____
- 7.3 Additional items (not in current inventory):
 - 7.3.1 _____
- 7.4 Location: _____
- 7.5 Security: _____
- 7.6 Adjacencies: _____
- 7.7 Comments: **Similar to Hyannis but smaller – 4 M bottles plus rack for 15-20 D size**
- 7.8 Size: **393 sq ft**

8 Work Room

- 8.1 Use: _____
- 8.2 Mechanic: _____; Type of work: _____
- 8.3 Operational Comments:
 - 8.3.1 _____
- 8.4 Workbench: _____
- 8.5 Tool storage: _____
- 8.6 Stationary power tools: _____
- 8.7 Air: _____
- 8.8 Water/Sink: _____
- 8.9 Flammable Storage : _____
- 8.10 Items to be located in this space (from current inventory):
 - 8.10.1 _____
- 8.11 Additional items (not in current inventory):

- 8.11.1 _____
- 8.12 Security: _____
- 8.13 Location: _____
- 8.14 Adjacencies: _____
- 8.15 Comments: _____
- 8.16 Size: **200**sq ft

9 Laundry

- 9.1 Operational Comments:
 - 9.1.1 _____
- 9.2 Chemical, biological, radiological and nuclear (CBRN) environments: _____
- 9.3 Sink(s): _____ ; Foot Pedal: _____ ; Number of sink chambers: _____
- 9.4 Gear washer/extractor: _____
- 9.5 Cabinet gear dryer: _____
- 9.6 Ventilated gear racks: _____
- 9.7 Residential type clothes washer & dryer: _____
- 9.8 Drench shower: _____
- 9.9 Backboard/Etc. cleaning: _____
- 9.10 Holding tank: _____
- 9.11 Red bag storage cabinet: _____
- 9.12 Special needs: _____
- 9.13 Items to be located in this space (from current inventory):
 - 9.13.1 _____
- 9.14 Additional items (not in current inventory):
 - 9.14.1 _____
- 9.15 Location: _____
- 9.16 Adjacencies: **Gear Lockers**
- 9.17 Comments: _____
- 9.18 Size: **169**sq ft

10 Hazardous Waste Storage

- 10.1 Operational Comments:
 - 10.1.1 _____
- 10.2 Location: _____
- 10.3 Security: _____
- 10.4 Adjacencies: _____
- 10.5 Comments (Containment floor, polymer door & frame):

- 10.6 Size: **14** sq ft

11 SCBA Compressor Room (Split Design)

- 11.1 Air compressor size: _____
- 11.2 Sound attenuation panels: _____
- 11.3 External feed lines: _____
- 11.4 Cascade: _____
- 11.5 Oxygen Generator: _____
- 11.6 House Air Compressor: _____
- 11.7 Items to be located in this space (from current inventory):
 - 11.7.1 _____
- 11.8 Additional items (not in current inventory):
 - 11.8.1 _____
- 11.9 Location: _____
- 11.10 Security: _____
- 11.11 Adjacencies: _____
- 11.12 Comments: _____
- 11.13 Size: **142** sq ft

12 SCBA Fill Station Room (Split Design)

- 12.1 "Public" access: _____
- 12.2 Sink: _____
- 12.3 Filling station: _____
- 12.4 SCBA storage: _____
- 12.5 SCBA repair: _____
- 12.6 Air Bottles – Size & Quantity: _____
- 12.7 Back Packs – Size & Quantity: _____
- 12.8 Other – Size & Quantity: _____
- 12.9 Oxygen Generator: _____
- 12.10 Oxygen Fill Station: _____
- 12.11 Oxygen Bottles – Size & Quantity: _____
- 12.12 Sound attenuation panels: _____
- 12.13 Items to be located in this space (from current inventory):
 - 12.13.1 _____
- 12.14 Additional items (not in current inventory):
 - 12.14.1 _____
- 12.15 Location: _____
- 12.16 Security: _____
- 12.17 Adjacencies: _____
- 12.18 Comments: _____
- 12.19 Size: **100** sq ft

13 Janitor's Closet

- 13.1 Mop Receptor: **Yes**
- 13.2 Slop Sink: **Yes**
- 13.3 Floor Machine: **Yes**
- 13.4 Shelving: **Yes**
- 13.5 Mop/Broom Rack: **Yes**
- 13.6 Location: _____
- 13.7 Adjacencies: _____
- 13.8 Comments: _____
- 13.9 Size: **80** sq ft

14 Apparatus Floor Rest Rooms

- 14.1 Quantity: **2**
- 14.2 Fixture: **Sink, toilet & urinal**
- 14.3 Shower: _____
- 14.4 Lockers: _____
- 14.5 Location: **Near gear room**
- 14.6 Adjacencies: **Turnout gear storage**
- 14.7 Comments: _____
- 14.8 Size: **(2) @ 62** sq ft

15 Communications Room

- 15.1 View control: _____
- 15.2 Operational Comments:
 - 15.2.1 _____
- 15.3 Seating for how many: _____
- 15.4 Items:
 - 15.4.1 Door operator switches: _____
 - 15.4.2 Traffic device control: _____
 - 15.4.3 Light switches for app bay: _____ ; Outside: _____
 - 15.4.4 Internal paging system: _____
 - 15.4.5 Siren trigger: _____ ; Shutoff: _____ ; Siren location: _____
 - 15.4.6 Computer equipment: _____
 - 15.4.7 Closed Circuit TV, Phones, Weather Station: Describe: _____
 - 15.4.8 Other equipment: _____
 - 15.4.9 File cabinets: _____ ; Describe: _____
 - 15.4.10 Wall mounted items: _____
 - 15.4.11 Rechargeable items (flashlights, pagers): _____
 - 15.4.12 Lockable storage: _____
- 15.5 Items to be located in this space (from current inventory):

- 15.5.1 _____
- 15.6 Location: _____
- 15.7 Security: _____
- 15.8 Adjacencies: **Front door, bay, apron**
- 15.9 Comments: _____
- 15.10 Size: **212** sq ft

ADMINISTRATION

NOTE: Separate the office from social spaces, day room, etc.

16 Firefighter's Lobby

- 16.1 Items to be located in this space (from current inventory): _____
- 16.2 Additional items (not in current inventory): _____
- 16.3 Location: _____
- 16.4 Security: _____
- 16.5 Adjacencies: _____
- 16.6 Comments: _____
- 16.7 Size: **200** sq ft

17 Conference Room

- 17.1 Seat how many: **12** at table; **0** at wall
- 17.2 Is there a workstation with a computer to be shared by all users: **Y**
- 17.3 Location: _____
- 17.4 Security: _____
- 17.5 Adjacencies: **near lobby & fire inspector**
- 17.6 Comments: _____
- 17.7 Size: **292** sq ft

18 Report Room

- 18.1 Seat how many: **2**
- 18.2 Use: **Firefighters up to Lieutenants to do paperwork**
- 18.3 Location: _____
- 18.4 Security: _____
- 18.5 Adjacencies: **Bay**
- 18.6 Comments: _____
- 18.7 Size: **140** sq ft

19 Chief

- 19.1 Seat how many: **1 @ desk, 4 @ table**
- 19.2 Location: _____
- 19.3 Security: _____
- 19.4 Adjacencies: _____
- 19.5 Comments: _____
- 19.6 Size: **201** sq ft

20 Deputy Chief

- 20.1 Seat how many: **1 @ desk, 2 opposite**
- 20.2 Use: _____
- 20.3 Location: _____
- 20.4 Security: _____
- 20.5 Adjacencies: _____
- 20.6 Comments: _____
- 20.7 Size: **179** sq ft

21 Fire Inspector

- 21.1 Seat how many: **1 @ desk, 1 opposite**
- 21.2 Use: _____
- 21.3 Location: _____
- 21.4 Security: _____
- 21.5 Adjacencies: **near lobby & conference room**
- 21.6 Comments: _____
- 21.7 Size: **237** sq ft

22 EMS Coordinator

- 22.1 Seat how many: **1 @ desk, 2 opposite**
- 22.2 Use: _____
- 22.3 Location: _____
- 22.4 Security: _____
- 22.5 Adjacencies: _____
- 22.6 Comments: _____
- 22.7 Size: **179** sq ft

23 Future Office

- 23.1 Seat how many: **1 @ desk, 2 opposite**
- 23.2 Use: _____
- 23.3 Location: _____
- 23.4 Security: _____

- 23.5 Adjacencies: _____
- 23.6 Comments: _____
- 23.7 Size: **179** sq ft

24 Office Storage

- 24.1 Name of Occupant: **For EMS & Future**
- 24.2 Seat how many: **none**
- 24.3 Location: _____
- 24.4 Security: _____
- 24.5 Adjacencies: _____
- 24.6 Comments: _____
- 24.7 Size: **??????** sq ft

25 Office Workroom

- 25.1 Purpose:
 - 25.1.1 Copier: **Yes**
 - 25.1.2 Fax: **Yes**
 - 25.1.3 Recycling: _____
 - 25.1.4 Mailboxes: _____
 - 25.1.5 Work Surface: _____
- 25.2 Items to be located in this space (from current inventory):
 - 25.2.1 _____
- 25.3 Additional items (not in current inventory):
 - 25.3.1 _____
- 25.4 Location: _____
- 25.5 Security: _____
- 25.6 Adjacencies: _____
- 25.7 Comments: _____
- 25.8 Size: **126** sq ft

26 Records Storage

- 26.1 Items to be located in this space (from current inventory):
 - 26.1.1 _____
- 26.2 Additional items (not in current inventory):
 - 26.2.1 _____
- 26.3 Location: _____
- 26.4 Security: _____
- 26.5 Adjacencies: _____
- 26.6 Comments: _____
- 26.7 Size: **100** sq ft

FIREFIGHTERS

27 Day Room

- 27.1 Kitchen/Kitchenette: **Yes**
- 27.2 Dining/Eating: **Yes**
- 27.3 Living/T-V: **Yes**
- 27.4 Items to be located in this space (from current inventory):
 - 27.4.1 _____
- 27.5 Additional items (not in current inventory):
 - 27.5.1 _____
- 27.6 Location: _____
- 27.7 Security: _____
- 27.8 Adjacencies: _____
- 27.9 Comments: _____
- 27.10 Size: **902** sq ft

28 Firefighters' Rest Rooms

- 28.1 Showers: **No**
- 28.2 Lockers: **No**
- 28.3 Other: **Toilet, urinal & sink**
- 28.4 Location: _____
- 28.5 Adjacencies: _____
- 28.6 Comments: _____
- 28.7 Size: **2 @ 65** sq ft

29 Bunkers/Bed Rooms

- 29.1 Number of rooms: **4**
- 29.2 Beds per room: _____
- 29.3 Storage: _____
- 29.4 Desks: _____
- 29.5 Location: _____
- 29.6 Security: _____
- 29.7 Adjacencies: _____
- 29.8 Comments: _____
- 29.9 Size: **4 @ 167** sq ft

30 Bunker's Bathrooms

- 30.1 Quantity: **2**
- 30.2 Details: **Toilet, sink, urinal, shower, bench**
- 30.3 Location: _____
- 30.4 Security: _____
- 30.5 Adjacencies: _____
- 30.6 Comments: _____
- 30.7 Size: **2 @ 91** sq ft

31 Bunker's Area Laundry Room

- 31.1 Location: _____
- 31.2 Adjacencies: _____
- 31.3 Comments: **ADA compliant**
- 31.4 Size: **59** sq ft

Need a bunkers locker room

PUBLIC SPACES

32 Public Entry Area

- 32.1 Trophy case: _____ ; Size: _____
- 32.2 Bulletin board: _____ ; Size: _____
- 32.3 Plaque: _____
- 32.4 Museum Display: _____
- 32.5 Items to be located in this space (from current inventory):
 - 32.5.1 _____
- 32.6 Additional items (not in current inventory):
 - 32.6.1 _____
- 32.7 Location: _____
- 32.8 Adjacencies: _____
- 32.9 Comments: **Space for Steamer**
- 32.10 Size: **Assume 800** sq ft

33 First Aid & Triage

- 33.1 Operational Comments:
 - 33.1.1 _____
- 33.2 Items to be located in this space (from current inventory):
 - 33.2.1 _____

- 33.3 Additional items (not in current inventory):
 - 33.3.1 _____
- 33.4 Location: _____
- 33.5 Security: _____
- 33.6 Adjacencies: **As near as possible to the ambulance**
- 33.7 Comments: _____
- 33.8 Size: **156** sq ft

34 Coat Recess

- 34.1 Number of coats: **50**
- 34.2 Location: _____
- 34.3 Adjacencies: _____
- 34.4 Comments: _____
- 34.5 Size: **20** sq ft

35 Meeting/Training Room

- 35.1 Intended population: **50+**
- 35.2 Public access: _____
- 35.3 Uses:
 - 35.3.1 Department meetings: _____
 - 35.3.2 Training: _____
 - 35.3.3 Fundraising dinners: _____
 - 35.3.4 Political/Municipal: _____
 - 35.3.5 Boy Scouts or other similar groups: _____
 - 35.3.6 Rental: _____ ; To whom: _____
 - 35.3.7 Other: _____
- 35.4 Purpose: _____
 - 35.4.1 Avg. people: _____
 - 35.4.2 Max people: _____
 - 35.4.3 Frequency: _____
 - 35.4.4 Seating: _____
 - 35.4.5 Special needs: _____
- 35.5 Purpose: _____
 - 35.5.1 Avg. people: _____
 - 35.5.2 Max people: _____
 - 35.5.3 Frequency: _____
 - 35.5.4 Seating: _____
 - 35.5.5 Special needs: _____
- 35.6 Number of tables & size: now _____ ; future _____
- 35.7 Number of chairs: now _____ ; future _____

- 35.8 Trophy case: ____ ; Size _____ ; location _____
- 35.9 Whiteboard: ____ ; Size _____ ; location _____
- 35.10 Bulletin board: ____ ; Size _____ ; location _____
- 35.11 Projector & screen: **Yes**
- 35.12 Items to be located in this space (from current inventory):
 - 35.12.1 _____
- 35.13 Additional items (not in current inventory):
 - 35.13.1 _____
- 35.14 Location: _____
- 35.15 Adjacencies: _____
- 35.16 Comments: _____
- 35.17 Size: **845** sq ft

36 Meeting/Training Room Table & Chair Storage

- 36.1 Table rack quantity: **3**
- 36.2 Chair rack quantity: **3**
- 36.3 Location: _____
- 36.4 Adjacencies: _____
- 36.5 Comments: _____
- 36.6 Size: **120** sq ft

37 Training Prop Storage

- 37.1 Location: _____
- 37.2 Adjacencies: _____
- 37.3 Comments: _____
- 37.4 Size: **130** sq ft

38 Meeting/Training Room A/V Equipment

- 38.1 Items to be located in this space (from current inventory):
 - 38.1.1 _____
- 38.2 Additional items (not in current inventory):
 - 38.2.1 _____
- 38.3 Location: _____
- 38.4 Security: _____
- 38.5 Adjacencies: _____
- 38.6 Comments: _____
- 38.7 Size: **60** sq ft

39 Kitchenette w/ Closet

- 39.1 Uses: _____
- 39.2 Equipment types and size:
- Refrigerator: _____
- Freezer: _____
- Sink(s) Pot: _____ ; Hand: _____ ; Scrub: _____ ; Disposal: _____
- Dishwasher: _____ ; Type: _____
- Stove: _____ ; Type: _____
- Oven: _____ ; Type: _____
- Cook top: _____ ; Size: _____
- Hood: _____
- Other equipment: _____
- 39.3 Center Island: _____
- 39.4 Shuttered opening: _____ ; Size: _____
- 39.5 Door to exterior: _____
- 39.6 Dish storage: _____
- 39.7 Pantry/food storage: _____
- 39.8 Locked storage: _____
- 39.9 Automatic shut off of heat generating equip @ fire call w/ manual reset: _____
- 39.10 Items to be located in this space (from current inventory):
- 39.10.1 _____
- 39.11 Additional items (not in current inventory):
- 39.11.1 _____
- 39.12 Location: _____
- 39.13 Adjacencies: _____
- 39.14 Comments: _____
- 39.15 Size: **114** sq ft

40 Public Rest Rooms

- 40.1 **Two handicapped accessible, uni-sex rooms**
- 40.2 Location: _____
- 40.3 Adjacencies: _____
- 40.4 Comments: **Toilet, sink & urinal**
- 40.5 Size: **Two @ 73** sq ft

MISCELLANEOUS SPACES

41 Entry Vestibules (2)

- 41.1 Location: _____
- 41.2 Adjacencies: _____
- 41.3 Comments: _____
- 41.4 Size: **64** sq ft each

42 House Keeping Storage

- 42.1 Location: _____
- 42.2 Adjacencies: _____
- 42.3 Comments: _____
- 42.4 Size: **50** sq ft

43 Office Side Janitors Closet

- 43.1 Mop Receptor: _____
- 43.2 Slop Sink: _____
- 43.3 Floor Machine: _____
- 43.4 Shelving: _____
- 43.5 Mop/Broom Rack: _____
- 43.6 Location: _____
- 43.7 Adjacencies: _____
- 43.8 Comments: _____
- 43.9 Size: **80** sq ft

44 Generator

- 44.1 Location: _____
- 44.2 Adjacencies: _____
- 44.3 Comments: _____
- 44.4 Size: **156** sq ft

45 File Server

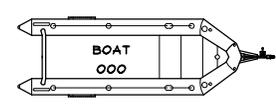
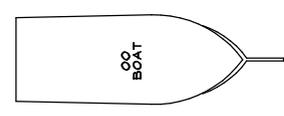
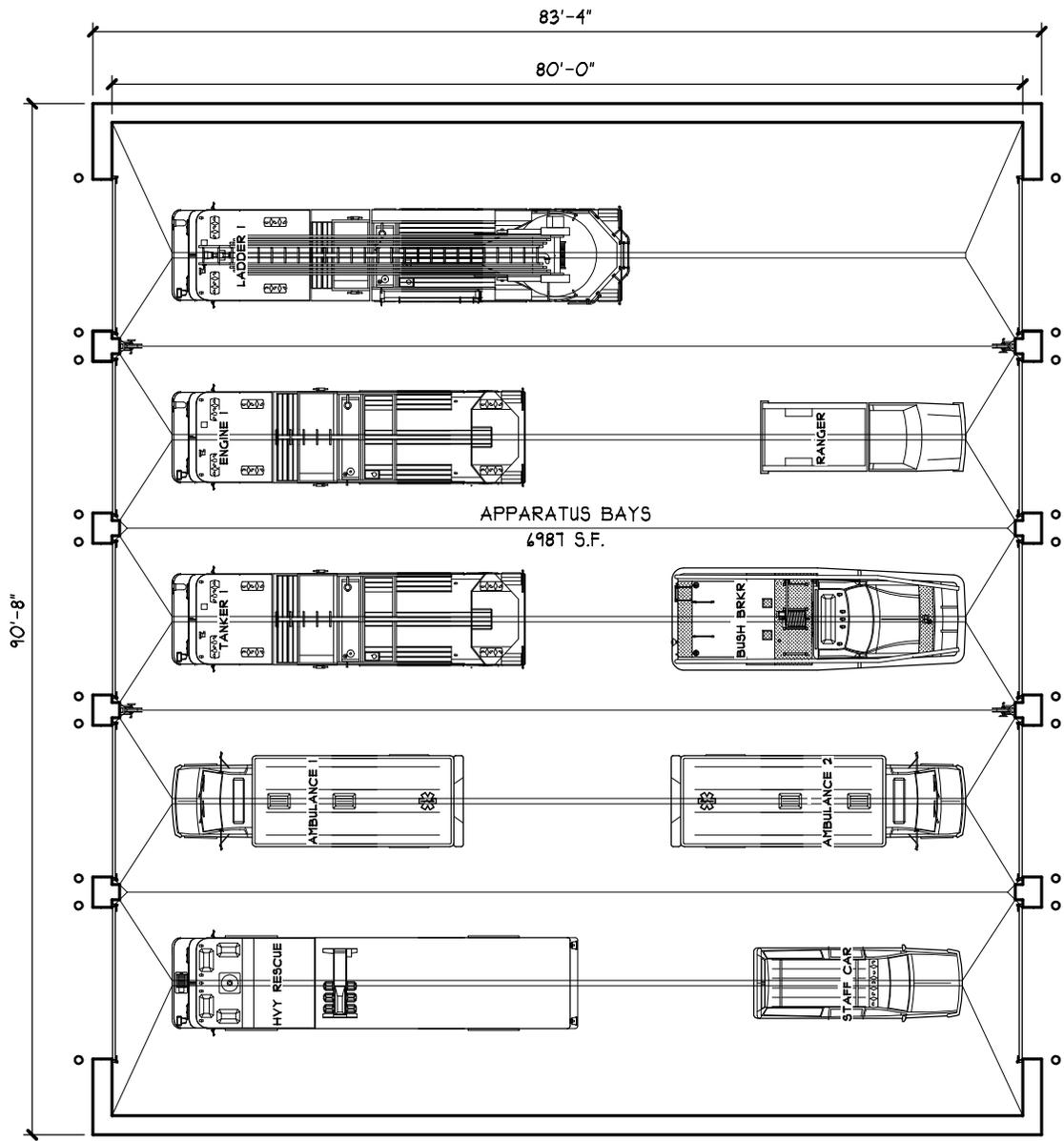
- 45.1 Location: _____
- 45.2 Security: _____
- 45.3 Adjacencies: _____
- 45.4 Comments: _____
- 45.5 Size: **60** sq ft

46 Mechanical, Electrical, Plumbing, HVAC, Sprinkler, Alarm, etc.

- 46.1 Fuel type at site: _____
- 46.2 Heating type in apparatus bay: **In-floor radiant**
- 46.3 Heating type elsewhere: **Ducted HVAC**
- 46.4 Building to be sprinklered: **Yes**
 - 46.4.1 Adequate water pressure: _____
 - 46.4.2 Storage tank: _____
- 46.5 Hose bibs for exterior: **Yes**
- 46.6 Bay lighting type: **T8 fluorescent**
- 46.7 Site lighting type: **LED**
- 46.8 Other lighting considerations: **LED at turnout gear storage**
- 46.9 Generator: _____
 - 46.9.1 Fuel: _____
 - 46.9.2 Location of generator: **In building**
 - 46.9.3 Circuits on generator: **All**
- 46.10 Describe Security Type : **Fobs**
- 46.11 Alarm: **Yes** ; Describe: **Fire**
- 46.12 Siren: **No**
- 46.13 Size: **300** sq ft

47 Miscellaneous Issues

Comments: _____



MITCHELL
ASSOCIATES
ARCHITECTS

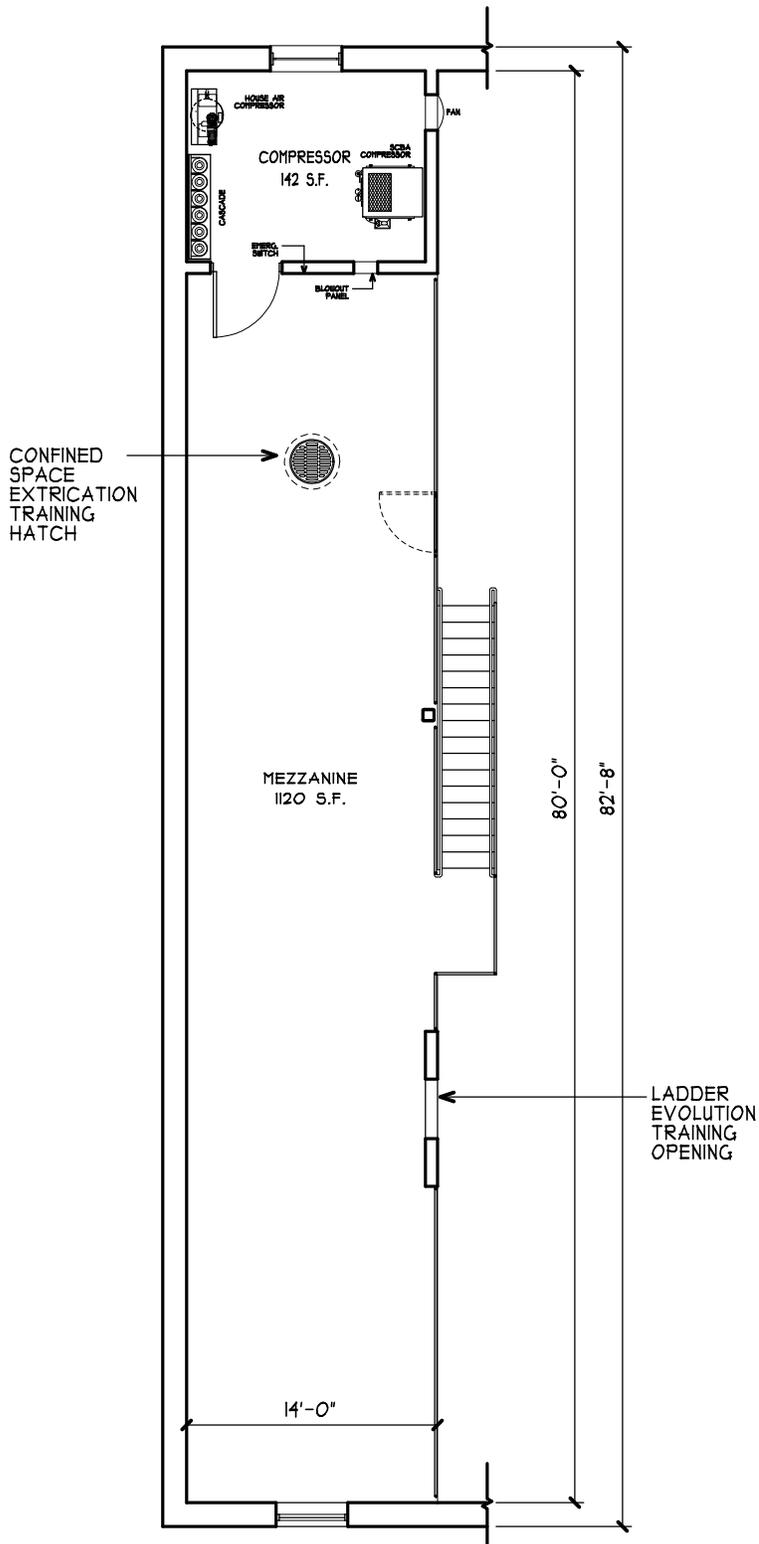
APPARATUS BAY

SCALE: 1/16" = 1'-0"

DATE: 2/19/2014

S:\J Drive\Swanzey\Individual Rooms\ - Apparatus Bay\ - Apparatus Bay

ROOM #



**MITCHELL
 ASSOCIATES
 ARCHITECTS**

MEZZANINE

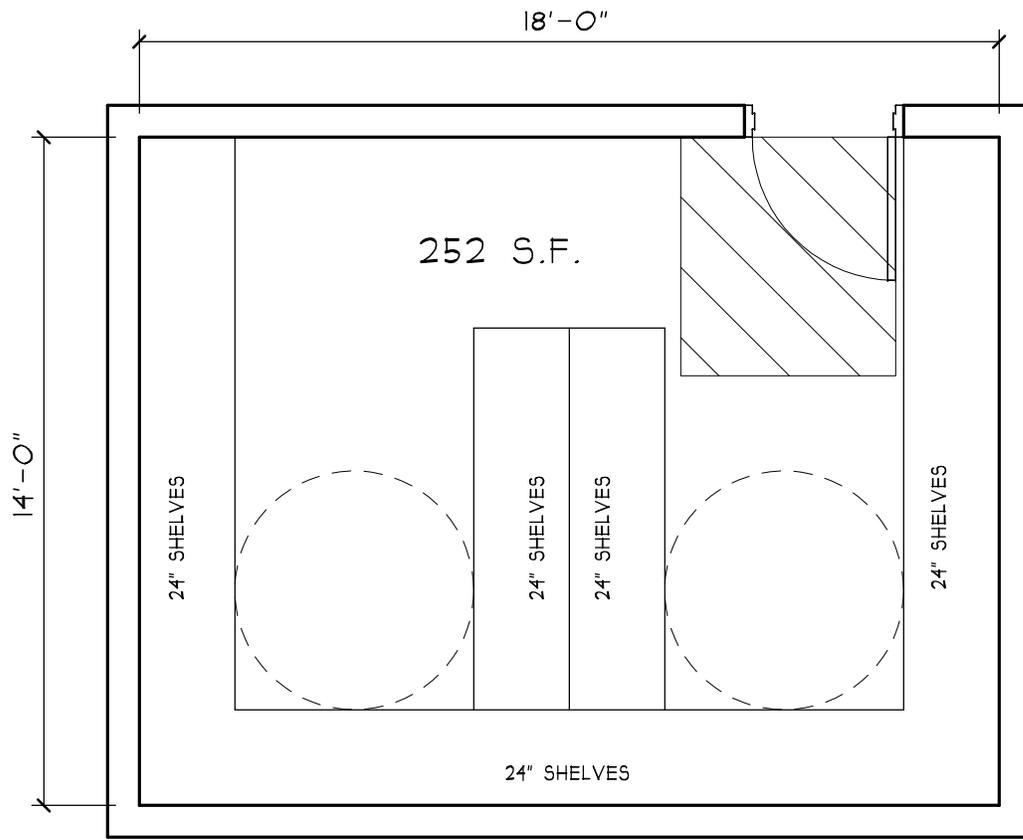
SCALE: 3/32" = 1'-0"

DATE: 2/18/2014

S:\J Drive\Suarez\Individual Rooms\ - Apparatus Bay\A - Mezzanine

IA

ROOM #



**MITCHELL
ASSOCIATES
ARCHITECTS**

FIREMATIC STORAGE

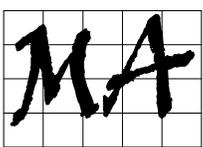
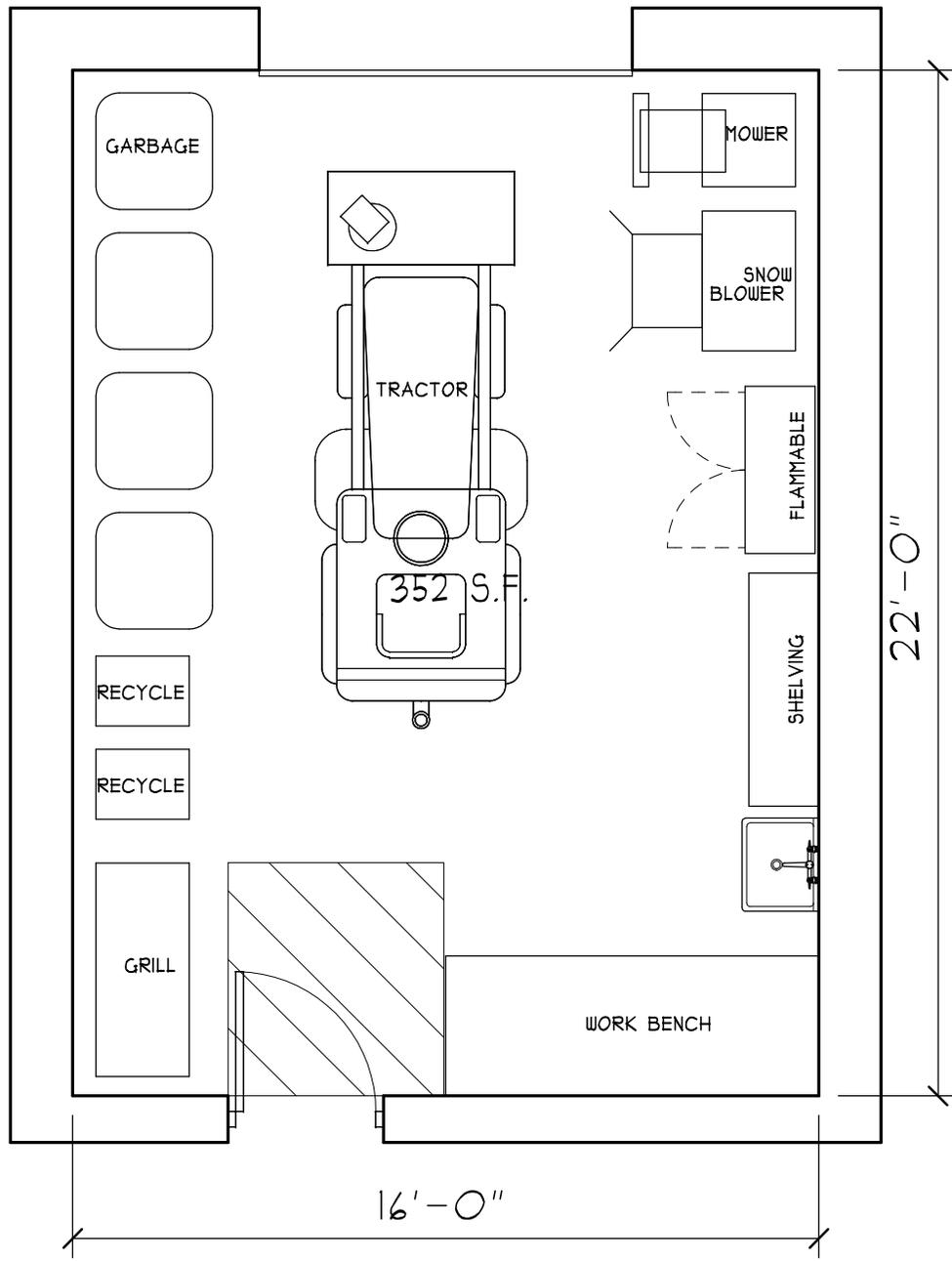
SCALE: 1/4" = 1'-0"

DATE: 2/18/2014

2 - 4

S:\J Drive\Swanzey\Individual Rooms\2 - Firematic Support\2-4 - Firematic Storage

ROOM #



**MITCHELL
ASSOCIATES
ARCHITECTS**

YARD STORAGE

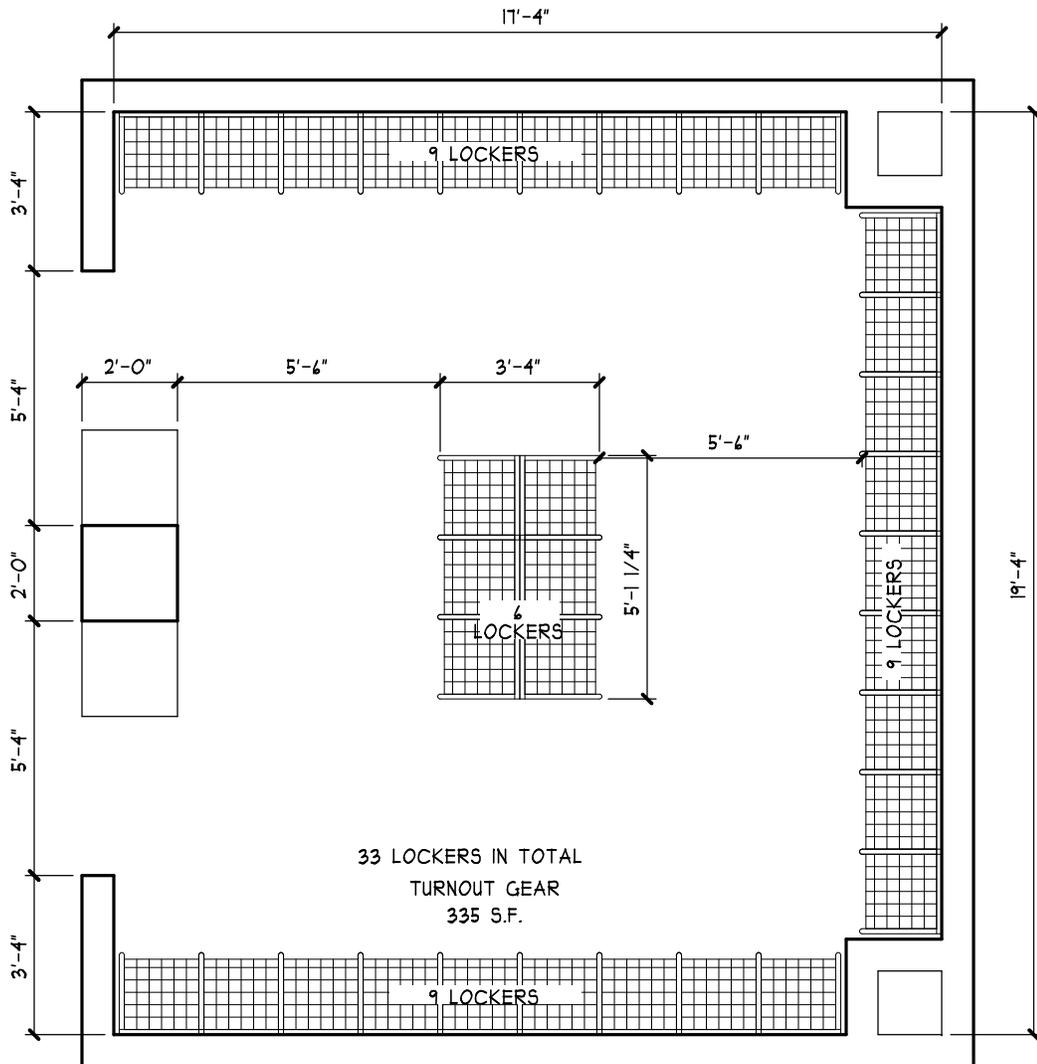
SCALE: 1/4" = 1'-0"

DATE: 2/18/2014

5

ROOM #

S:\J Drive\Suzerzy\Individual Rooms\2 - Firematic Support\5 - Yard Storage



**MITCHELL
ASSOCIATES
ARCHITECTS**

TURNOUT GEAR

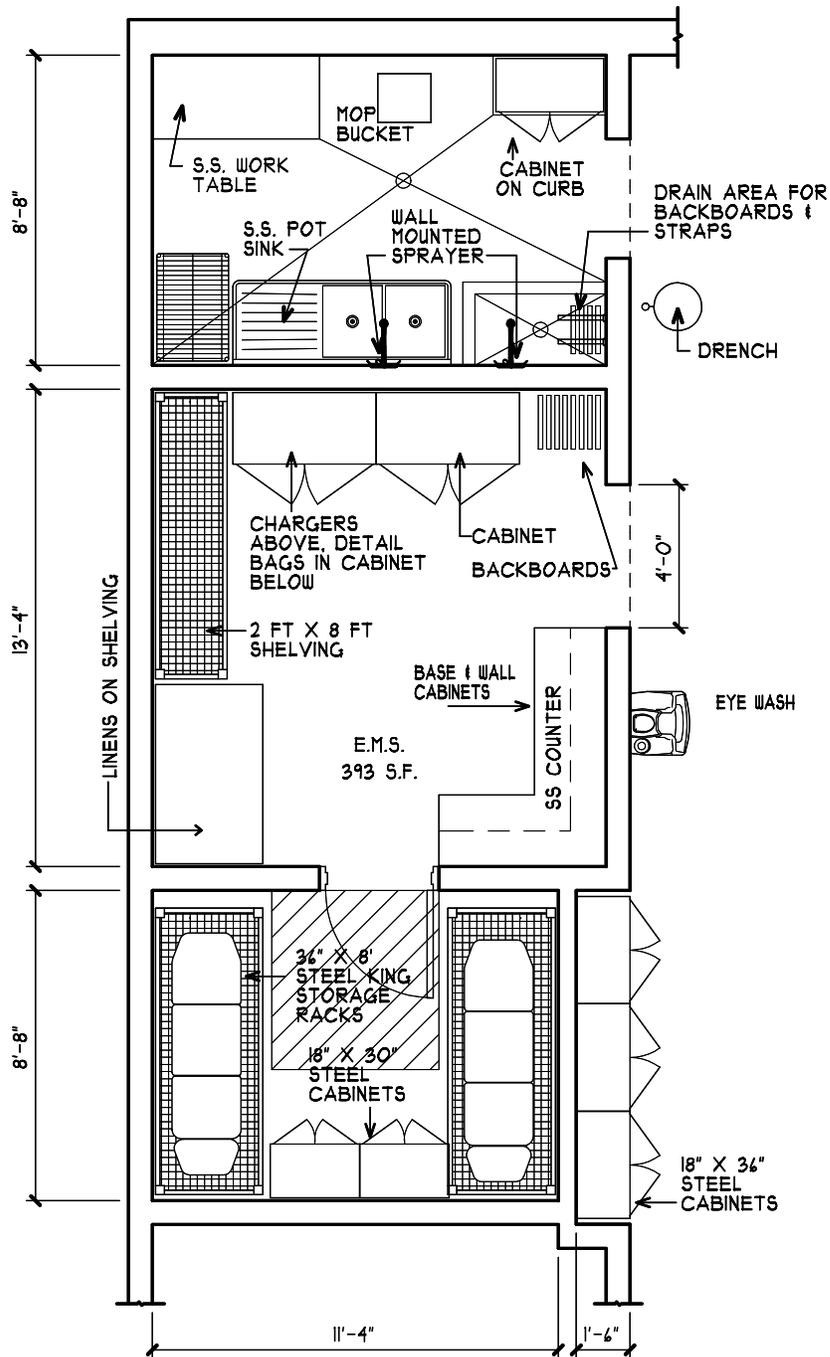
SCALE: 1/4" = 1'-0"

DATE: 2/18/2014

S:\J Drive\Suanzey\Individual Rooms\2 - Firematic Support\6 - Turnout Gear

6

ROOM #



**MITCHELL
ASSOCIATES
ARCHITECTS**

EMS STORE & DECON

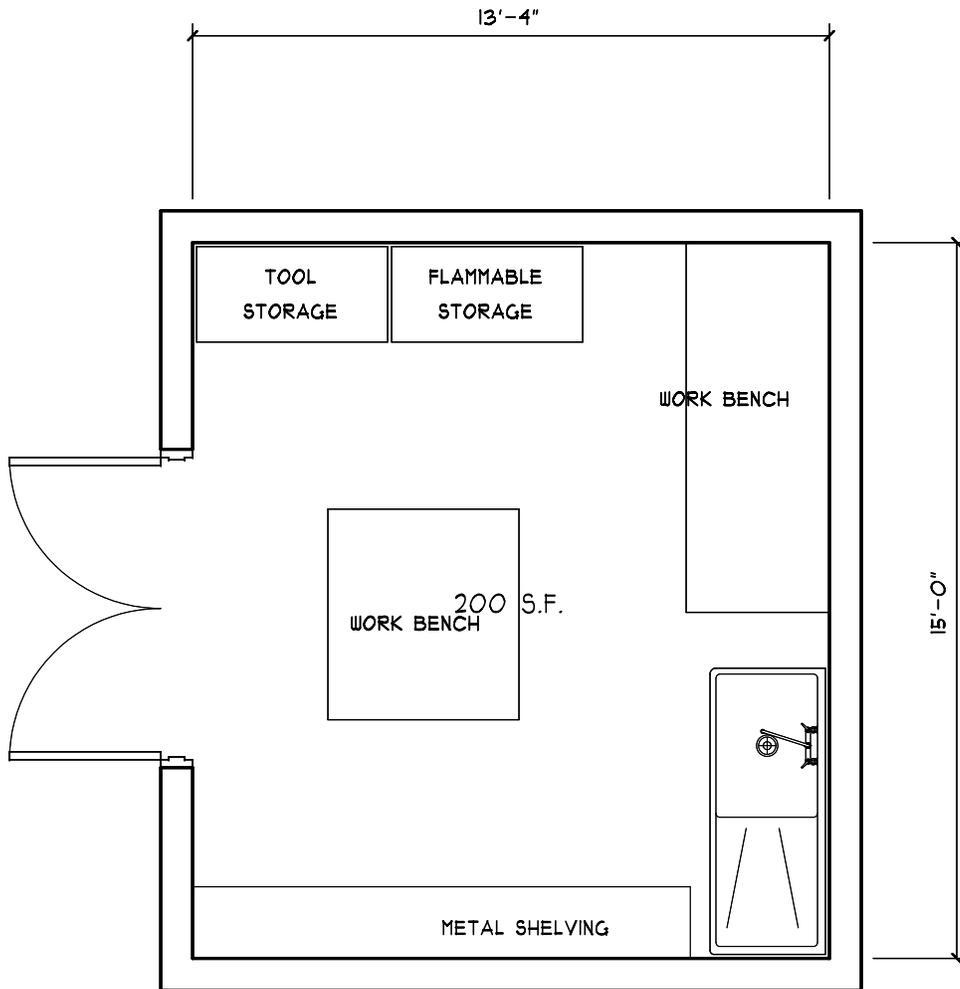
SCALE: 3/16" = 1'-0"

DATE: 2/18/2014

1

S:\J Drive\Suenzy\Individual Rooms\2 - Firematic Support\1 - EMS Storage & DeCon

ROOM #



**MITCHELL
ASSOCIATES
ARCHITECTS**

MECHANICS WORKROOM

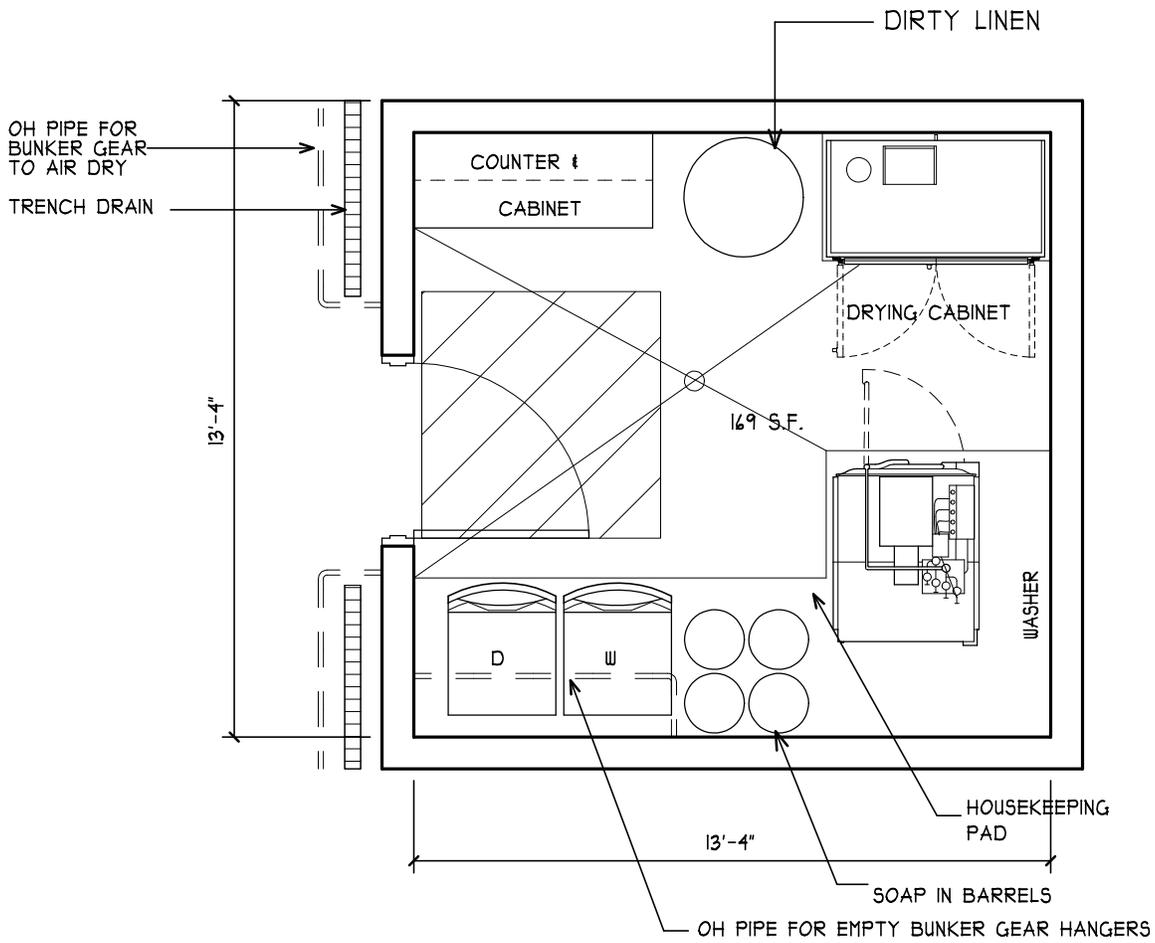
SCALE: 1/4" = 1'-0"

DATE: 2/18/2014

S:\J Drive\Swanzy\Individual Rooms\2 - Firematic Support\8 - Mechanic's Workroom

8

ROOM #



**MITCHELL
ASSOCIATES
ARCHITECTS**

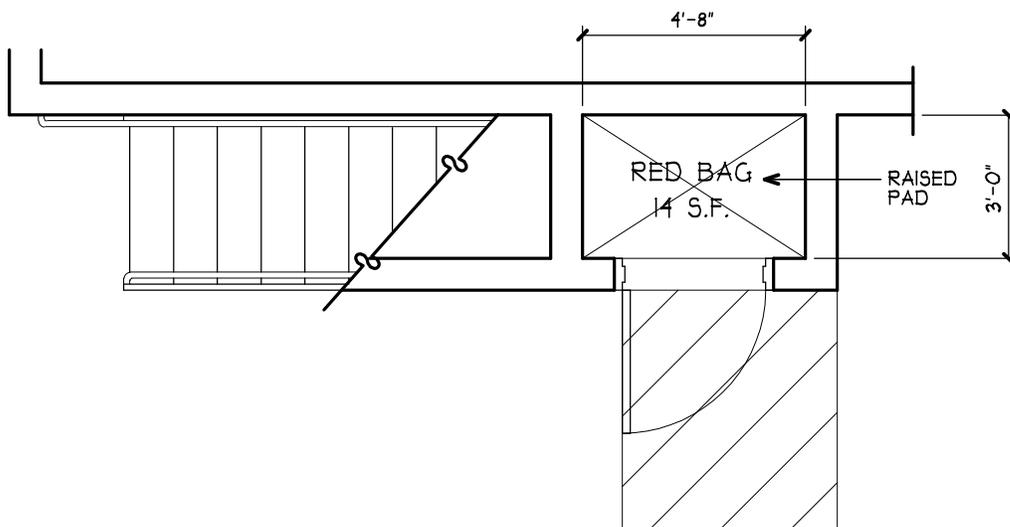
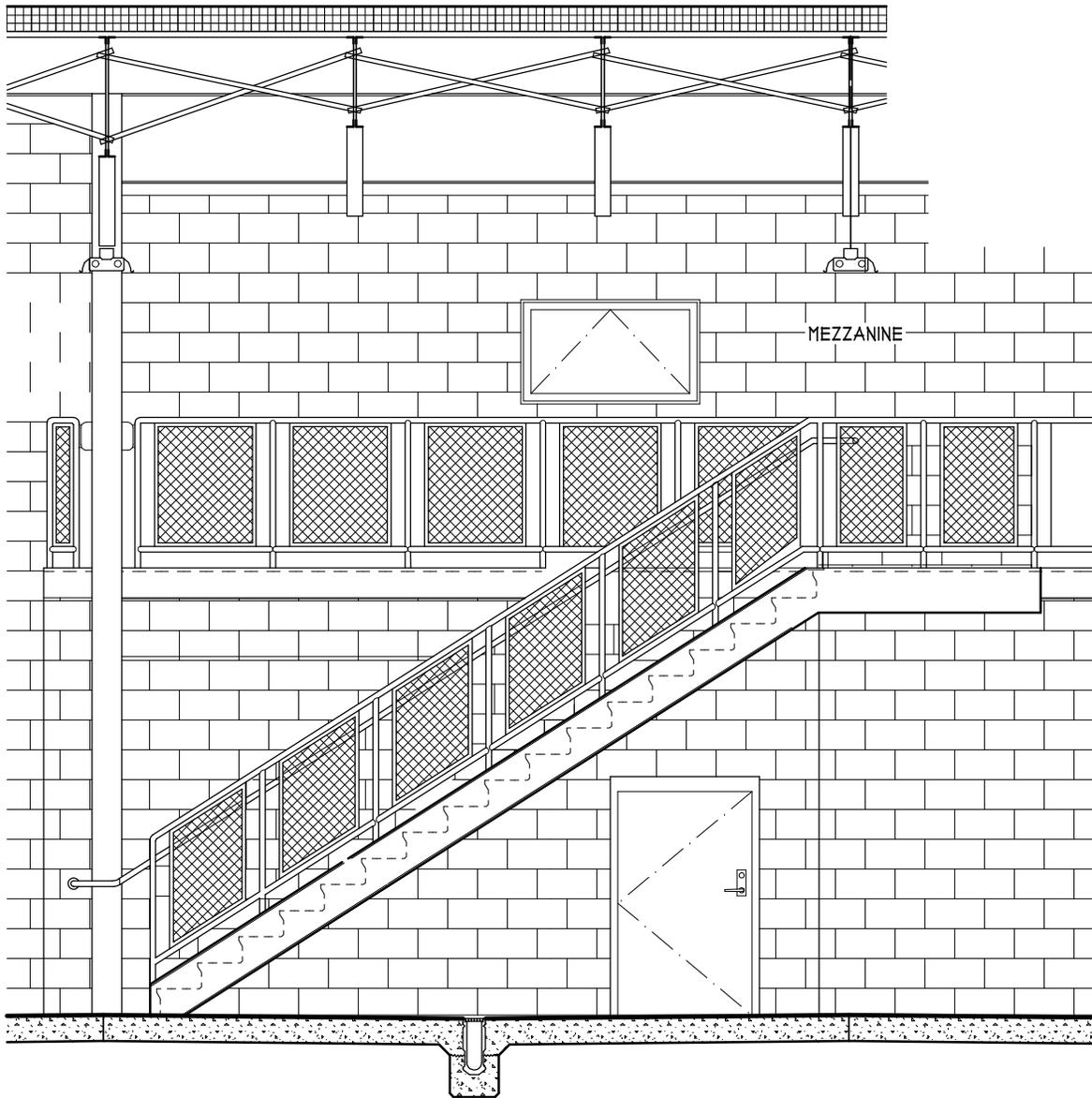
LAUNDRY

SCALE: 1/4" = 1'-0"

DATE: 2/18/2014

9

ROOM #



**MITCHELL
ASSOCIATES
ARCHITECTS**

HAZARDOUS WASTE STORAGE

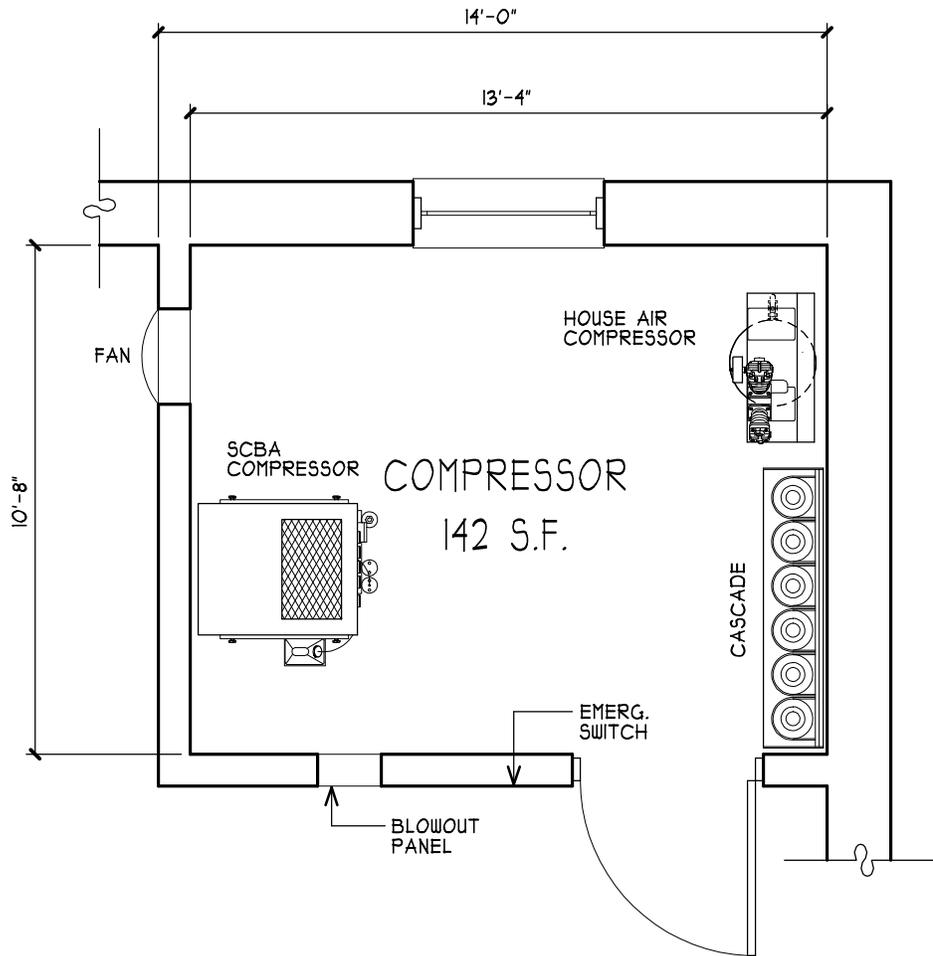
SCALE: 1/4" = 1'-0"

DATE: 2/18/2014

S:\J Drive\Suenzeng\Individual Rooms\2 - Firematic Support\10 - Hazardous Waste Storage

10

ROOM #



**MITCHELL
ASSOCIATES
ARCHITECTS**

MEZZANINE COMPRESSOR ROOM

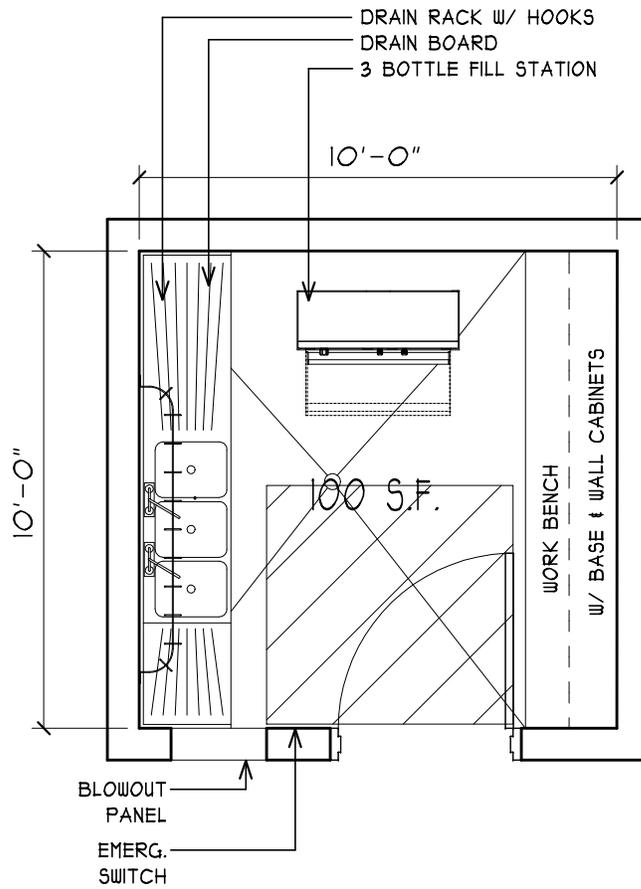
SCALE: 1/4" = 1'-0"

DATE: 2/18/2014

S:\J Drive\Suanzey\Individual Rooms\2 - Firematic Support\11 - Mezzanine Compressor Room

||

ROOM #



**MITCHELL
 ASSOCIATES
 ARCHITECTS**

SCBA FILL STATION

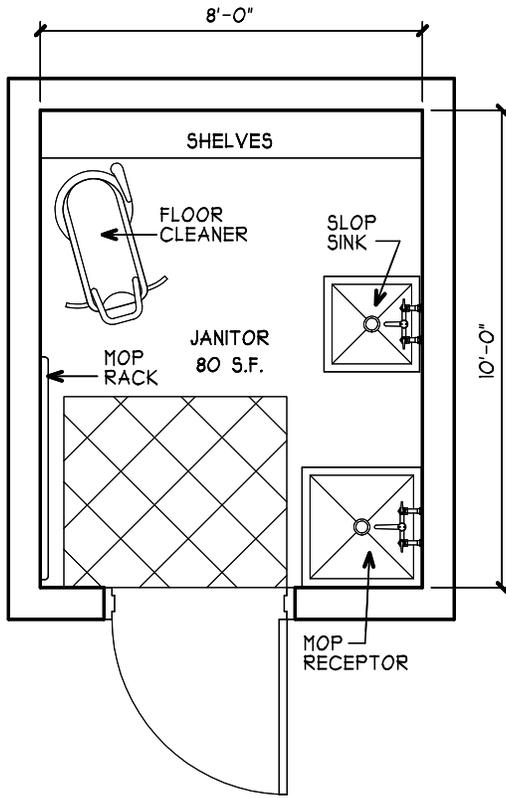
SCALE: 1/4" = 1'-0"

DATE: 2/18/2014

S:\J Drive\Suenzey\Individual Rooms\2 - Firematic Support\12 - SCBA Fill Station

12

ROOM #



**MITCHELL
ASSOCIATES
ARCHITECTS**

JANITOR'S CLOSET

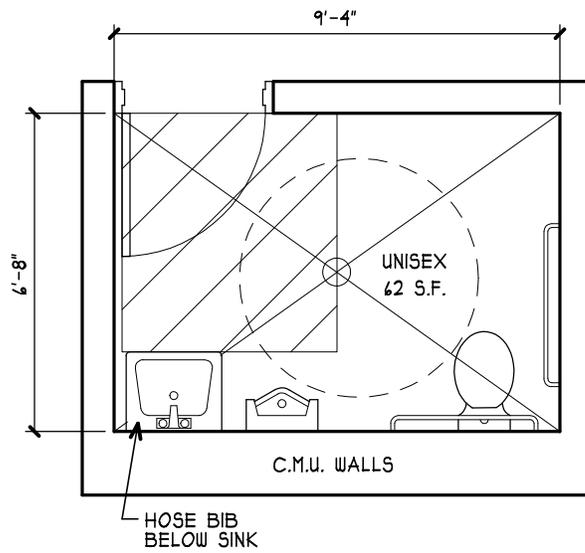
SCALE: 1/4" = 1'-0"

DATE: 2/18/2014

13

S:\J Drive\Suanzey\Individual Rooms\2 - Firematic Support\13 - Janitor

ROOM #



**MITCHELL
ASSOCIATES
ARCHITECTS**

APPARATUS BAY BATHROOM

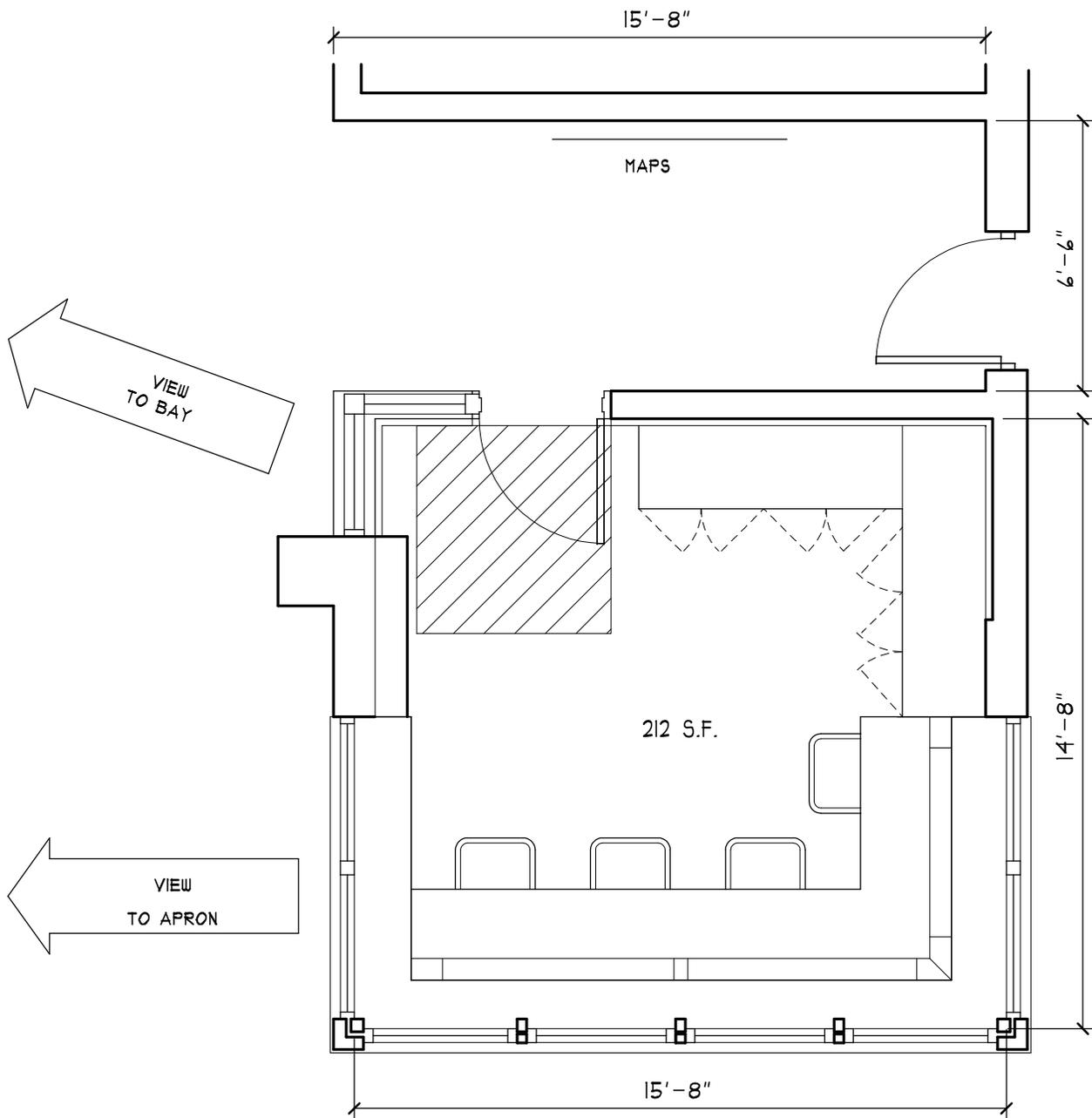
SCALE: 1/4" = 1'-0"

DATE: 2/19/2014

S:\J Drive\Suanzeq\Individual Rooms\2 - Firematic Support\14 - Apparatus Bay Bathroom

14

ROOM #



**MITCHELL
ASSOCIATES
ARCHITECTS**

RADIO ROOM

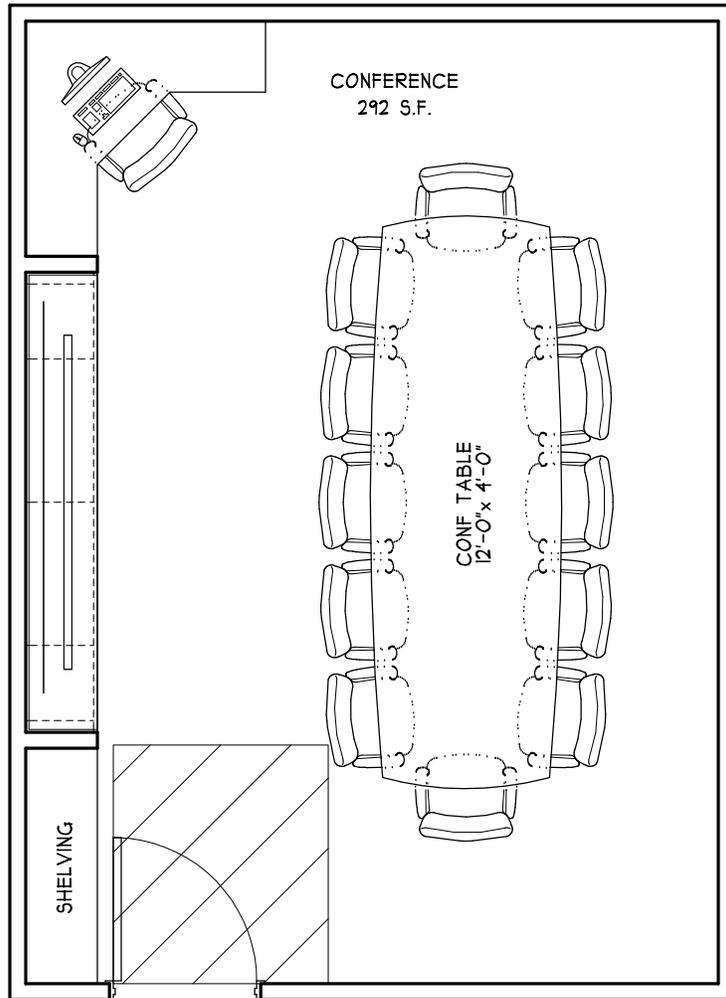
SCALE: 1/4" = 1'-0"

DATE: 2/19/2014

15

S:\J Drive\Suanzey\Individual Rooms\2 - Firematic Support\15 - Radio Room

ROOM #



**MITCHELL
ASSOCIATES
ARCHITECTS**

CONFERENCE ROOM

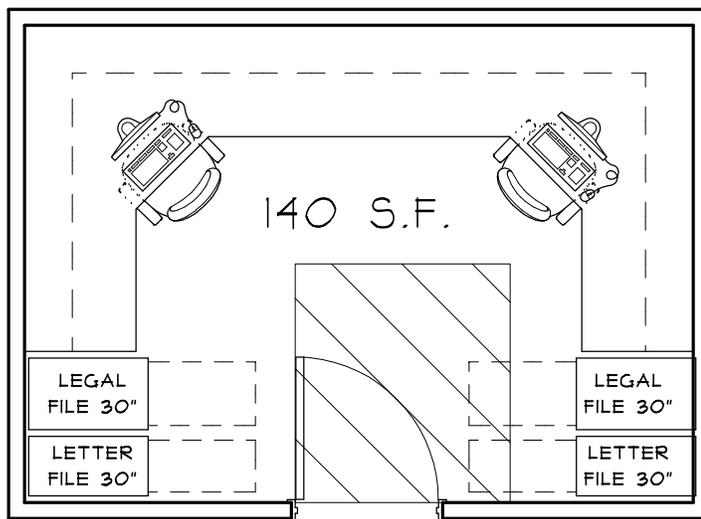
SCALE: 1/4" = 1'-0"

DATE: 3/31/2014

S:\ Drive\Swanzey\Individual Rooms\3 - Administration\11 - Conference

17

ROOM #



**MITCHELL
ASSOCIATES
ARCHITECTS**

REPORT ROOM

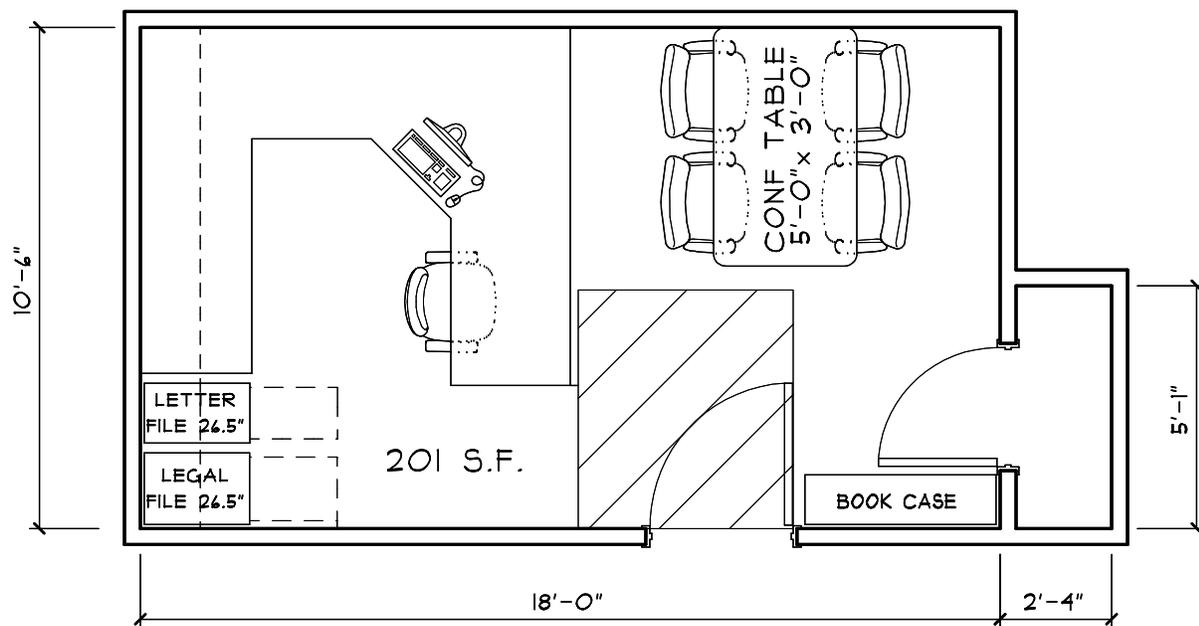
SCALE: 1/4" = 1'-0"

DATE: 3/31/2014

18

S:\J Drive\Suarezey\Individual Rooms\3 - Administration\18 - Report Room

ROOM #



**MITCHELL
ASSOCIATES
ARCHITECTS**

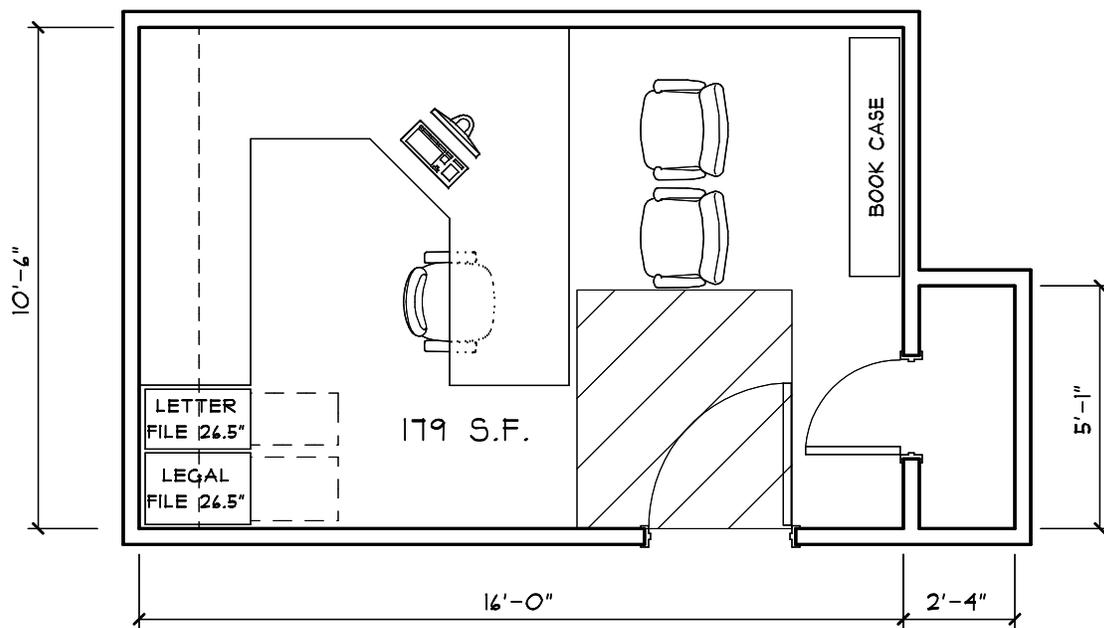
CHIEF'S OFFICE

SCALE: 1/4" = 1'-0"

DATE: 3/31/2014

19

ROOM #



**MITCHELL
ASSOCIATES
ARCHITECTS**

DEPUTY CHIEF

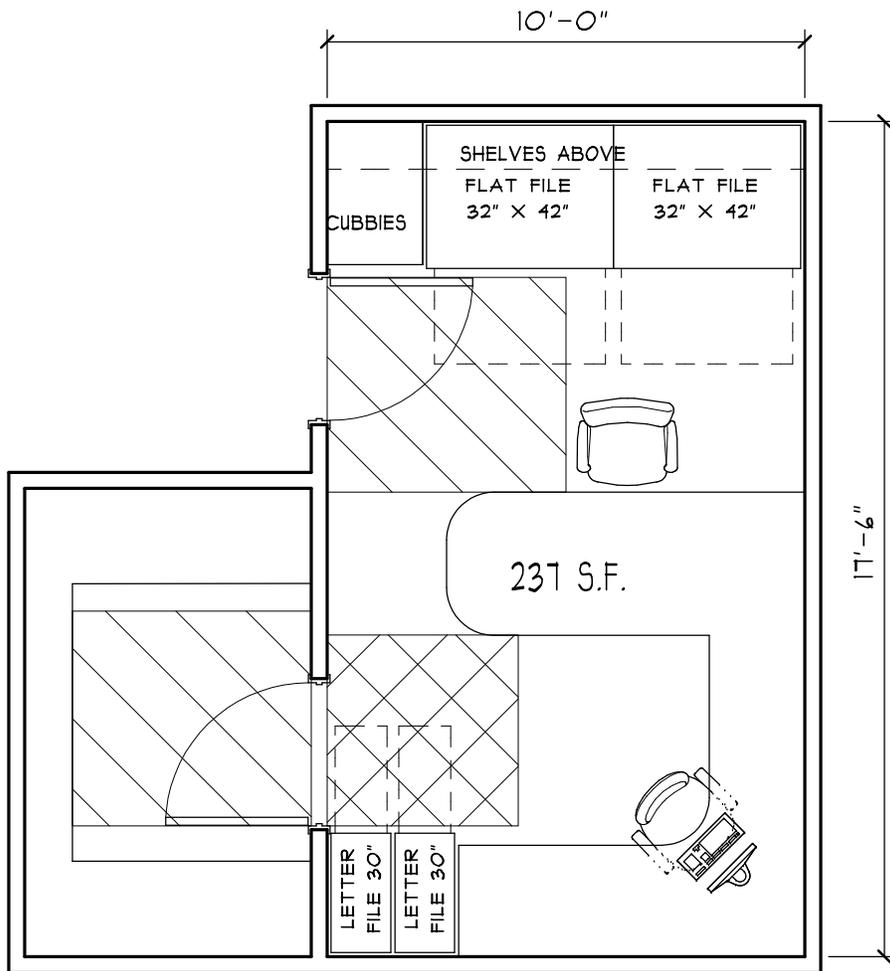
SCALE: 1/4" = 1'-0"

DATE: 3/31/2014

20

S:\J Drive\Suanzey\Individual Rooms\3 - Administration\20 - Deputy Chief

ROOM #



**MITCHELL
ASSOCIATES
ARCHITECTS**

FIRE INSPECTOR

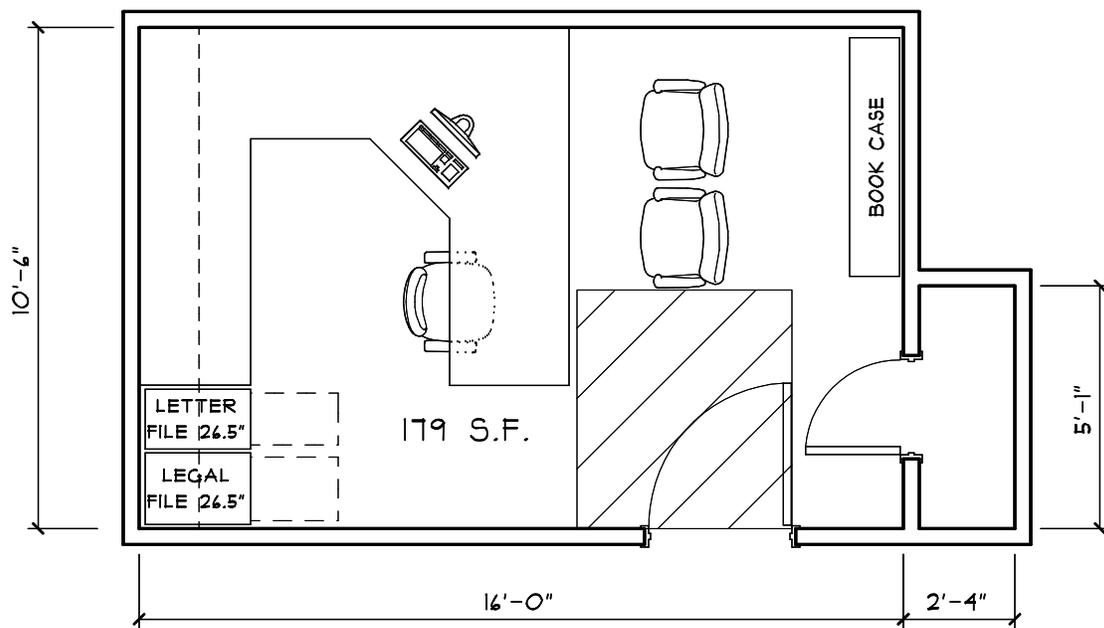
SCALE: 1/4" = 1'-0"

DATE: 3/31/2014

21

S:\J Drive\Swanzy\Individual Rooms\3 - Administration\21 - Fire Inspector

ROOM #



**MITCHELL
ASSOCIATES
ARCHITECTS**

EMS COORDINATOR & FUTURE

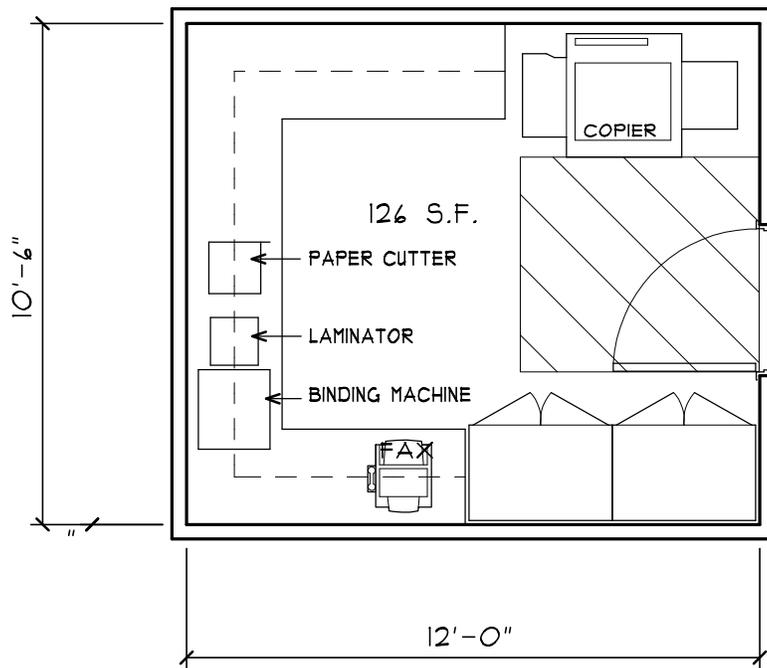
SCALE: 1/4" = 1'-0"

DATE: 3/31/2014

22 & 23

S:\J Drive\Swanzey\Individual Rooms\3 - Administration\22 & 23 - EMS Coordinator & Future

ROOM #



**MITCHELL
ASSOCIATES
ARCHITECTS**

OFFICE WORK ROOM

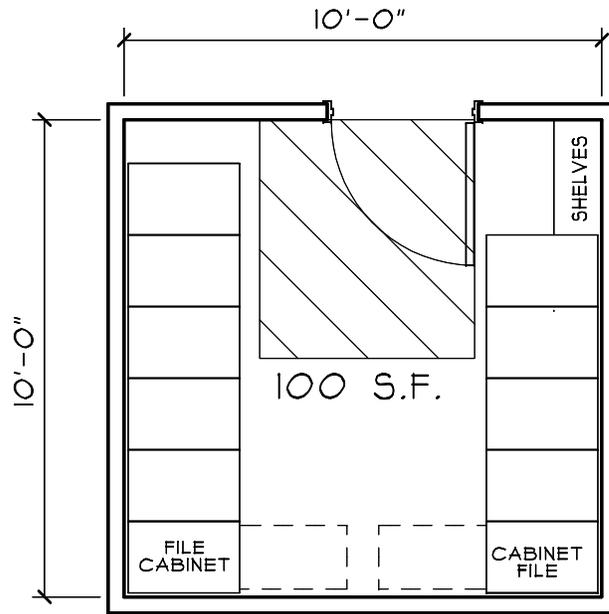
SCALE: 1/4" = 1'-0"

DATE: 3/31/2014

25

S:\J Drive\Suanzey\Individual Rooms\3 - Administration\25 - Office Work Room

ROOM #



**MITCHELL
ASSOCIATES
ARCHITECTS**

RECORDS STORAGE

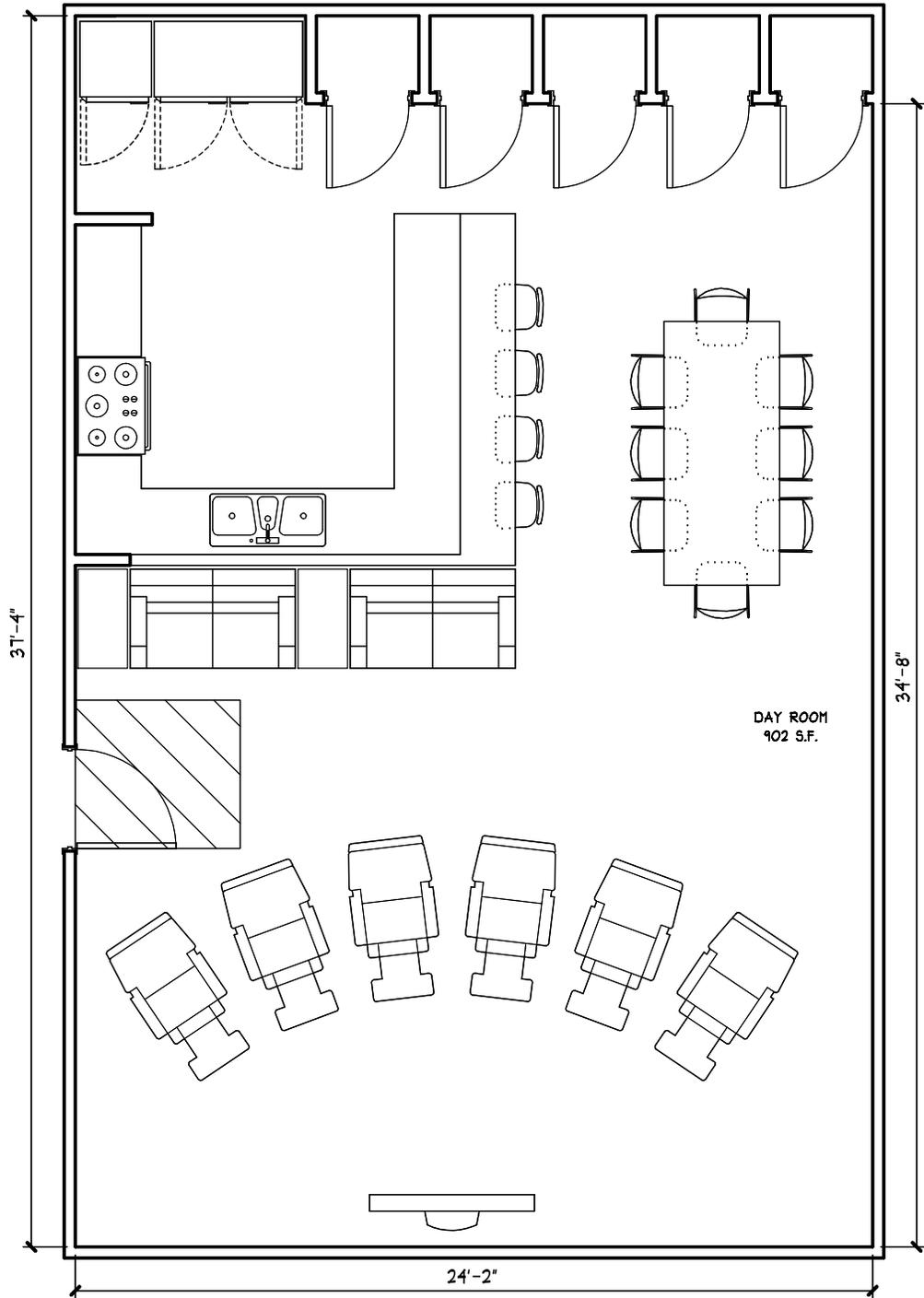
SCALE: 1/4" = 1'-0"

DATE: 4/1/2014

\\NASERVER\Shared\ Drive\Suanze\Individual Rooms\3 - Administration\26 - Records Storage

26

ROOM #



**MITCHELL
ASSOCIATES
ARCHITECTS**

DAY RM

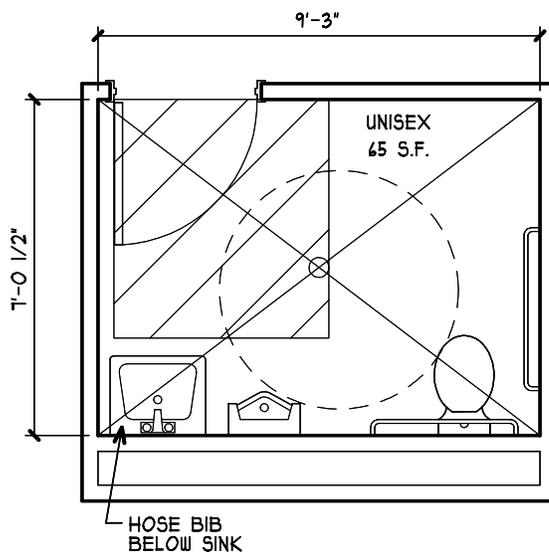
SCALE: 3/16" = 1'-0"

DATE: 4/1/2014

21

S:\J Drive\Suanzey\Individual Rooms\4 - Firefighters\21 - Day Room

ROOM #



**MITCHELL
ASSOCIATES
ARCHITECTS**

FIREFIGHTER'S BATHROOM

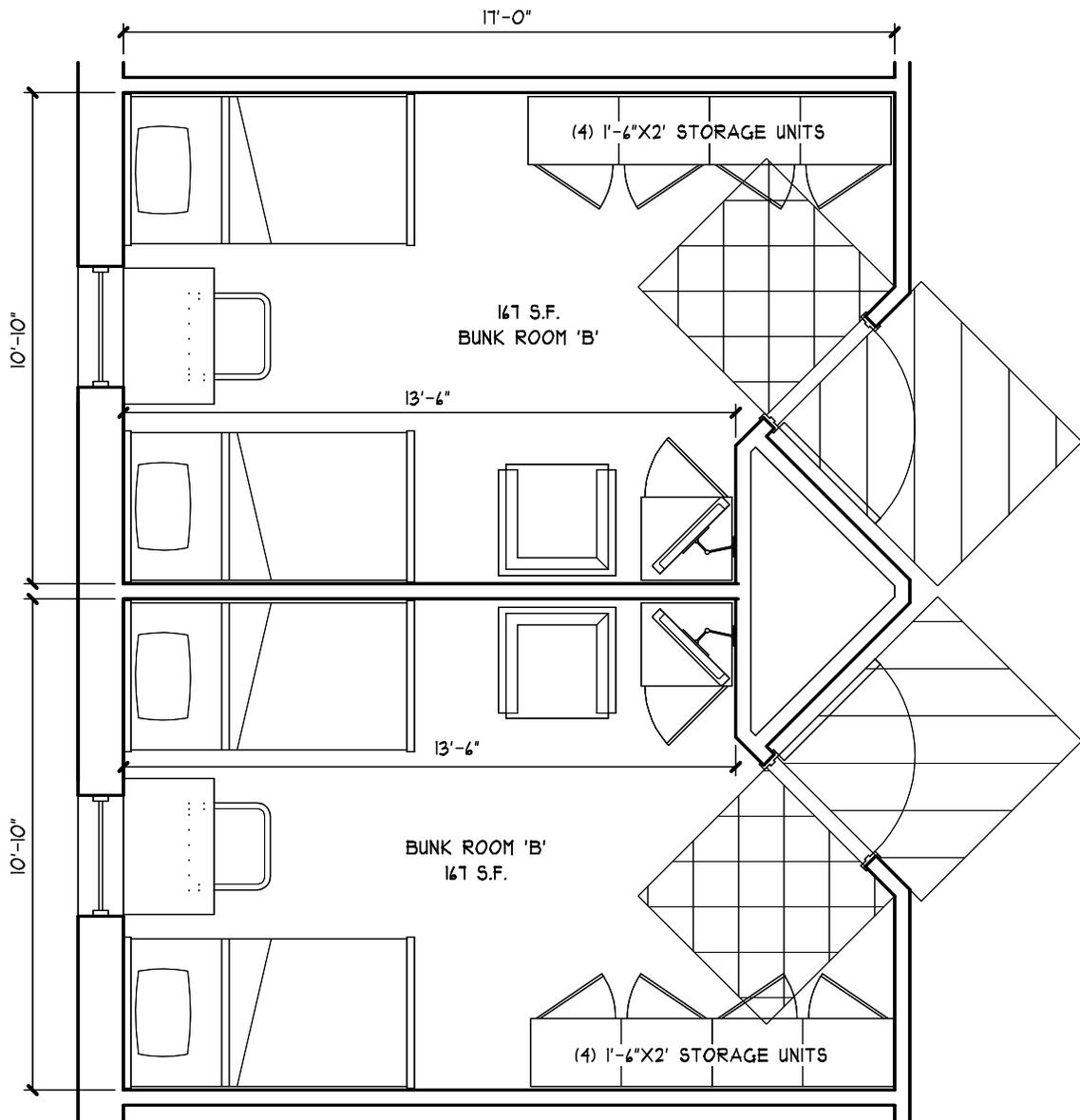
SCALE: 1/4" = 1'-0"

DATE: 4/1/2014

28

\\Maserver\shared\J Drive\Guanzeng\Individual Rooms\4 - Firefighters\28 - Firefighter's Bathroom

ROOM #



**MITCHELL
ASSOCIATES
ARCHITECTS**

BUNKROOMS

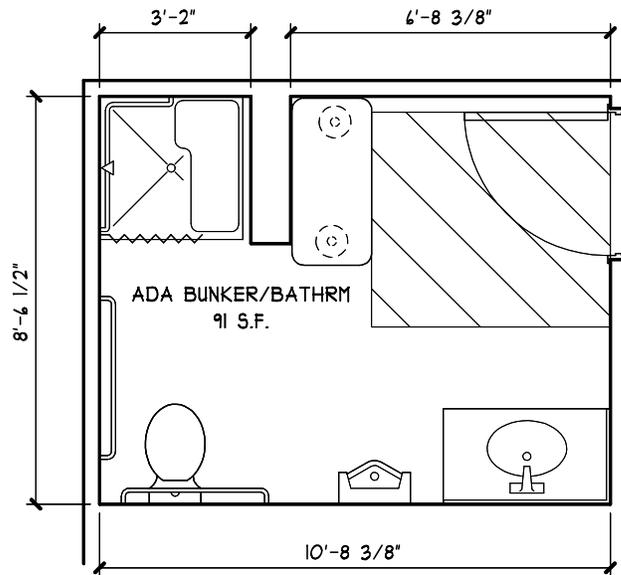
SCALE: 1/4" = 1'-0"

DATE: 4/1/2014

29

\\Maserver\shared\J Drive\Suanzy\29 - Bunkrooms

ROOM #



MITCHELL
ASSOCIATES
ARCHITECTS

BUNKERS' BATHROOM

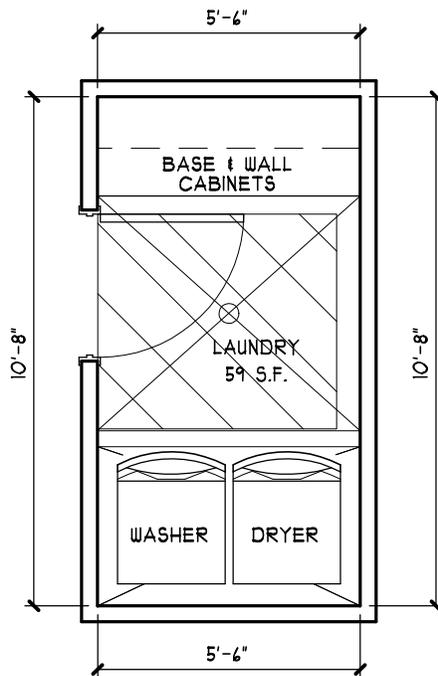
SCALE: 1/4" = 1'-0"

DATE: 4/1/2014

30

\\Maserver\shared\J Drive\Suanzey\30 - Bunkers' Bathroom

ROOM #



**MITCHELL
ASSOCIATES
ARCHITECTS**

BUNKERS' LAUNDRY

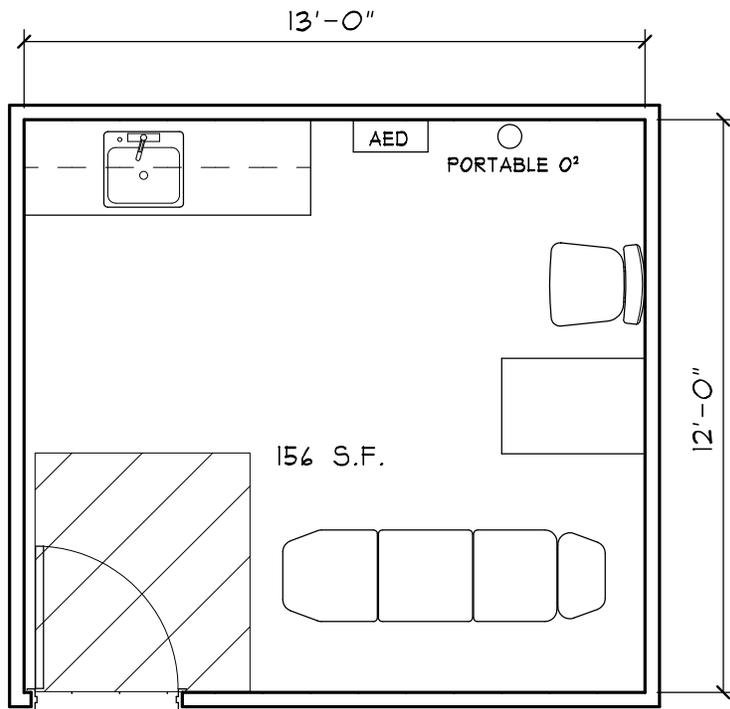
SCALE: 1/4" = 1'-0"

DATE: 4/1/2014

\\maserver\shared\j Drive\Suzanzy\31 - Bunkers' Laundry

31

ROOM #



**MITCHELL
ASSOCIATES
ARCHITECTS**

EMS PATIENT CARE

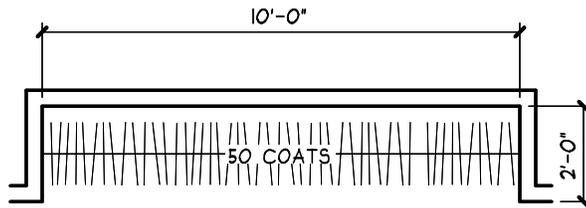
SCALE: 1/4" = 1'-0"

DATE: 4/1/2014

33

\\maserver\shared\J Drive\Guanzay\Individual Rooms\5 - Public\33 - EMS Patient Care

ROOM #



COAT RECESS
20 S.F.



MITCHELL
ASSOCIATES
ARCHITECTS

COAT RECESS

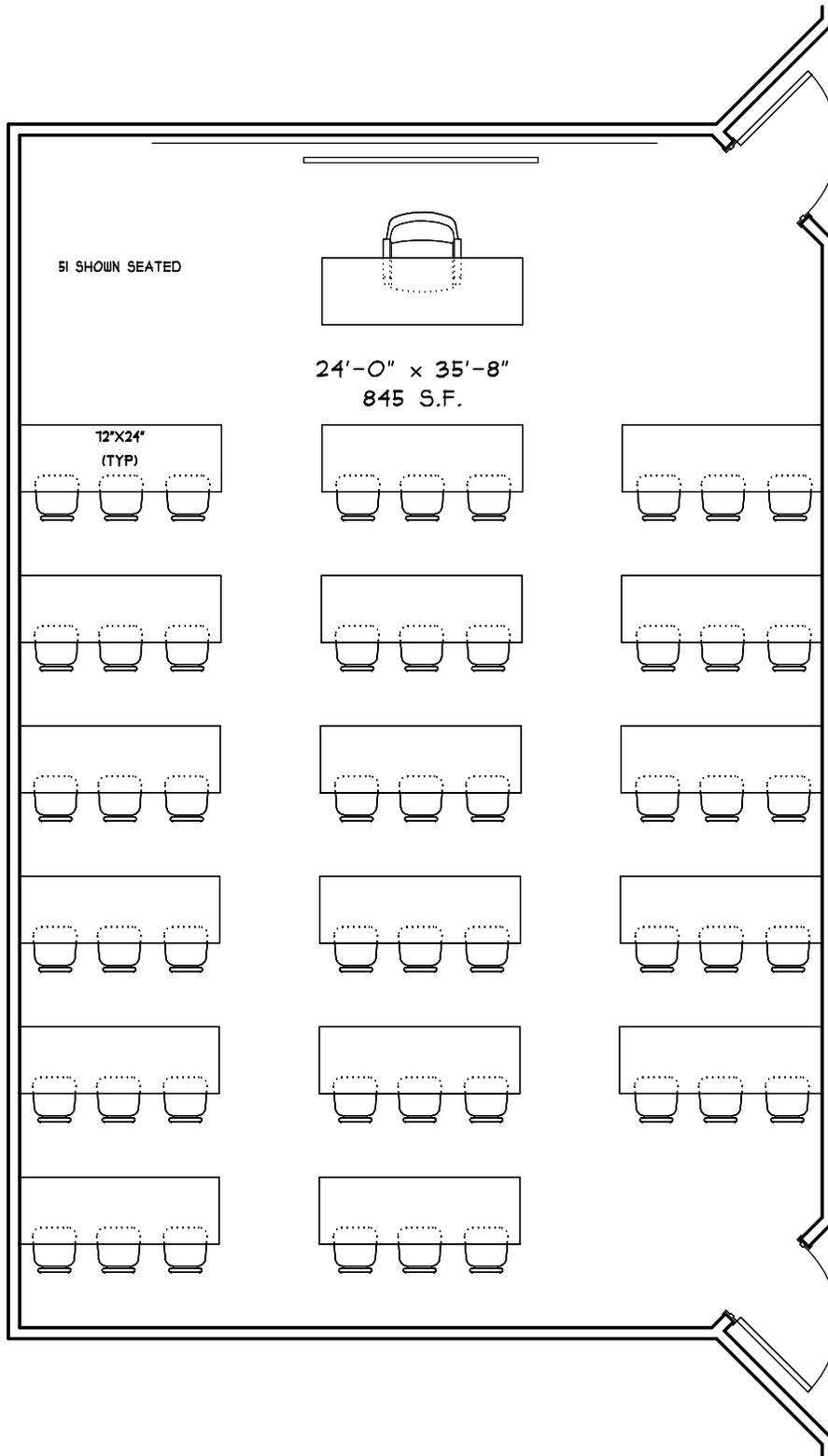
SCALE: 1/4" = 1'-0"

DATE: 4/1/2014

34

\\Maserver\shared\J Drive\Suzzy\Individual Rooms\5 - Public\34 - Coat Recess

ROOM #



**MITCHELL
ASSOCIATES
ARCHITECTS**

TRAINING-MEETING

SCALE: 3/16" = 1'-0"

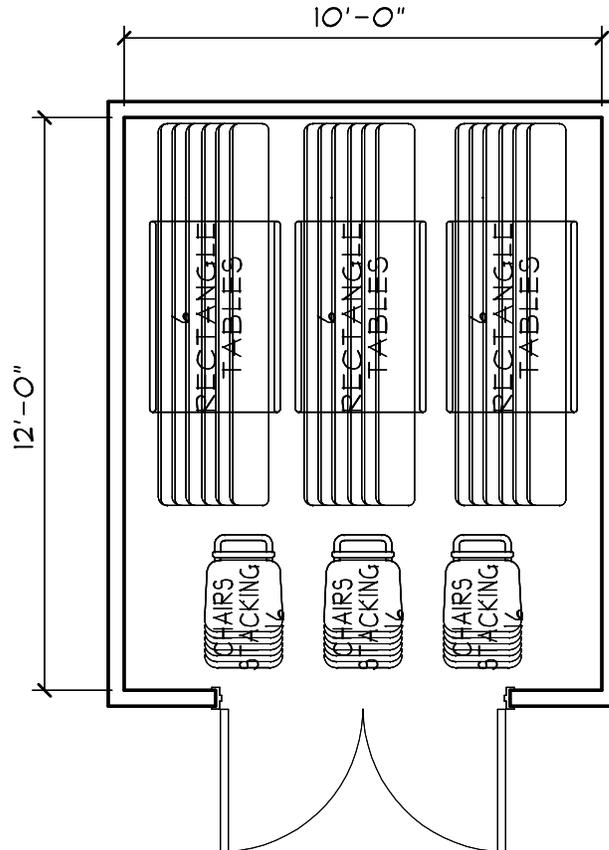
DATE: 4/1/2014

35

\\Maserver\shared\J Drive\Suanzeng\Individual Rooms\5 - Public\35 - Training-Meeting

ROOM #

120 S.F.



**MITCHELL
ASSOCIATES
ARCHITECTS**

TABLE AND CHAIR STORAGE

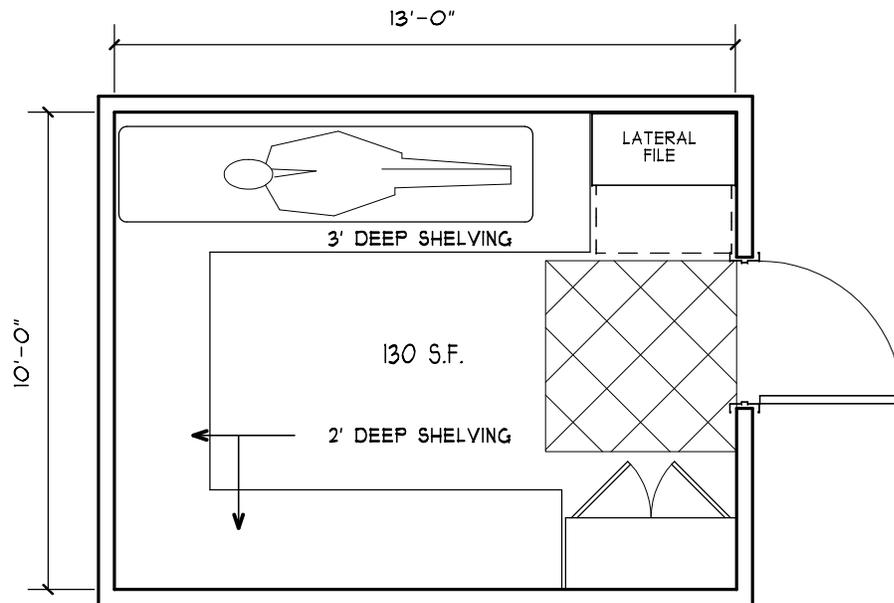
SCALE: 1/4" = 1'-0"

DATE: 4/1/2014

36

ROOM #

\\Maserver\shared\J Drive\Guanze\Individual Rooms\5 - Public\36 - Tables & Chairs



**MITCHELL
ASSOCIATES
ARCHITECTS**

TRAINING PROP STORAGE

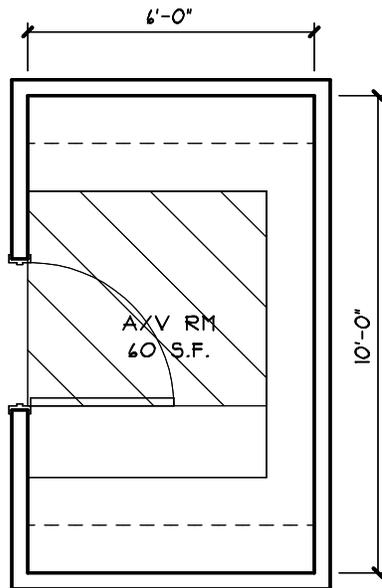
SCALE: 1/4" = 1'-0"

DATE: 4/1/2014

31

\\fserver\shared\J Drive\Suanzy\Individual Rooms\5 - Public\31 - Training Prop Storage

ROOM #



**MITCHELL
ASSOCIATES
ARCHITECTS**

A/V EQUIPMENT

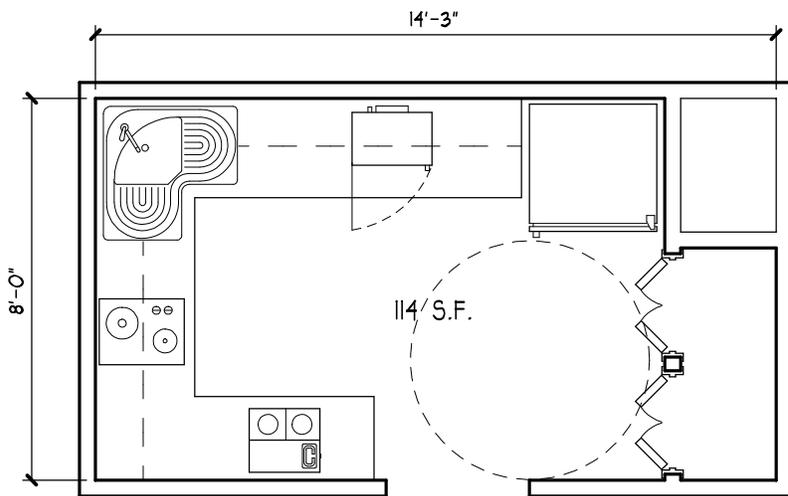
SCALE: 1/4" = 1'-0"

DATE: 4/1/2014

\\Maserver\shared\J Drive\Guanzeng\Individual Rooms\5 - Public\38 - AV

38

ROOM #



**MITCHELL
ASSOCIATES
ARCHITECTS**

KITCHENETTE

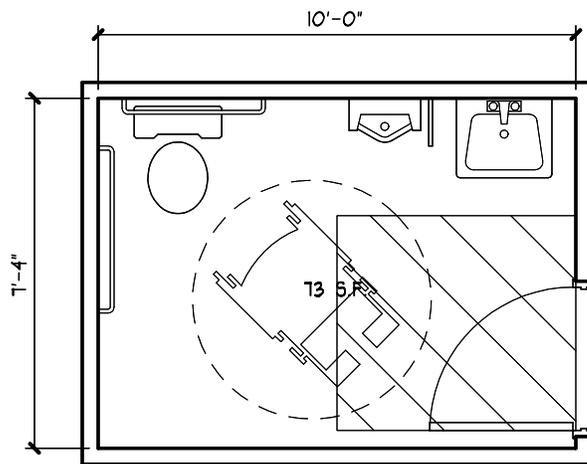
SCALE: 1/4" = 1'-0"

DATE: 4/1/2014

\\Maserver\shared\J Drive\Swanzey\Individual Rooms\5 - Public\39 - Kitchenette

39

ROOM #



**MITCHELL
ASSOCIATES
ARCHITECTS**

PUBLIC BATHROOM

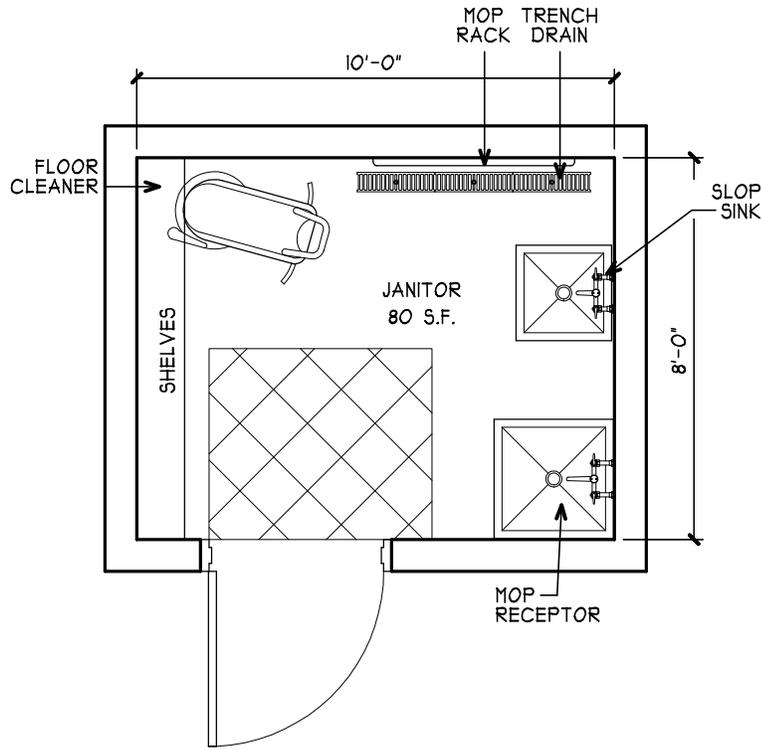
SCALE: 1/4" = 1'-0"

DATE: 4/1/2014

\\Maserver\shared\J Drive\Suanzeq\Individual Rooms\5 - Public\40 - Public Bathroom

40

ROOM #



**MITCHELL
ASSOCIATES
ARCHITECTS**

OFFICE AREA JANITOR'S CLOSET

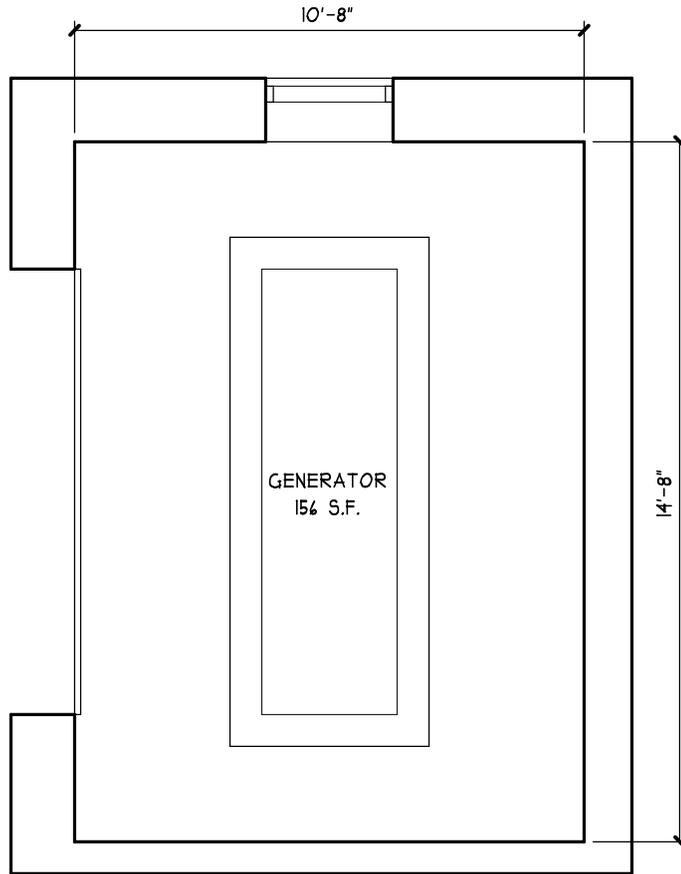
SCALE: 1/4" = 1'-0"

DATE: 4/1/2014

43

\\Maserver\shared\J Drive\Suanzey\Individual Rooms\6 - Miscellaneous\43 - Office Side Janitor

ROOM #



**MITCHELL
ASSOCIATES
ARCHITECTS**

EMERGENCY GENERATOR

SCALE: 1/4" = 1'-0"

DATE: 4/1/2014

\\maserver\shared\J Drive\Suanze\Individual Rooms\6 - Miscellaneous\44 - Generator

44

ROOM #

SCULLY / ARCHITECTS

17 Elm Street, Keene, New Hampshire 03431 www.scully-architects.com (t) 603-357-4544 (f) 603-357-4545

2 - FIRE DEPARTMENT

C) RECOMMENDATIONS - EXECUTIVE SUMMARY, PROPOSED SITE AND BUILDING PLAN



• 17 Elm Street • Keene, New Hampshire 03431 • 603/357-4544 • Fax 603/357-4545 • Email DVS@scully-architects.com

Daniel V. Scully, Principal Architect, LEED AP
Katie Cassidy Sutherland, Associate Architect, LEED AP
David Drasba, Architect, LEED AP
Andrew Weglinski, LEED AP/BPI Building Analyst
Bill Fleming, Architect

The FIRE STATION - Fire Chief Norm Skantze

The current issues with the existing Swanzey Center location under the Town Hall are as follows:

- It is not well situated for 4 minute response times to the largest call areas in Swanzey
- There is no 2 hour fire separation from Town Hall
- There is no sprinkler system
- There is no truck ventilation system
- Generally, there is inadequate Life Safety compliance, including in sufficient exiting.
- There are no floor drains
- Staff can not wash Hazardous Gear, which requires a municipal sewer system.

Based upon the above inadequacies of the existing Fire Station location, and the demographics along Routes 10 and 12, and the effort to achieve a response time of a 4 Minute Goal from the start of a fire, it was recommended to maintain three stations, creating a new central station in the north central area, while maintaining the West Station to serve the West Center. The volunteer based East Station could be maintained for now as well.

A big decision the Town will eventually have to make is when and if the Town will eventually provide full time fire, and or ambulance service.

If East and West Station are maintained as sub stations, it was decided that none of the remaining Town owned properties adequately covered the existing Central and growth areas along Route 12. It was recommended that for best coverage the new Safford Drive serve as the location of a new central main fire station.

This Safford Drive site will provide:

- Improved response times to the high volume call areas
- City Water & Sewer, as required to wash the after-fire-hazardous Turn Out Gear on site.
- Being in a TIFF district, some funding for the construction will be provided by other adjacent new construction
- Apparently the owner of the recommended site will donated the site to the Town.

Fire Station Program

Robert Mitchell met with Chief Skantze to develop a program of space requirements, and then further discussed the program several times. The existing is Central Station is approximately 4,000 SF. The space needs assessment Program calls for a 17,374 SF Central station. This includes some equipment staying in both the East & West Stations.

Several big questions remain for the Town to decide on the nature of the future Fire Department that the Town needs:

- Does the Department establish a core Full Time staffed department, to which Volunteers continue to provide back up?
- Does such a Full Time Department provide Day/Night Bunk rooms? It has already been decided to maintain the existing Student intern housing?
- Does the Town provide an Ambulance service to meet the needs of the increasing Medical Emergency calls?

The proposed conceptual plan for a new central fire station can be accommodated adequately on the Safford Drive site.

MA

MITCHELL ASSOCIATES ARCHITECTS

29 THACHER PARK ROAD
VOORHEESVILLE, NY 12186
(518) 745-4511 FAX (518) 745-2950
WWW.MITCHELL-ARCHITECTS.COM

EMERGENCY SERVICE FACILITIES

CONSULTANTS:
LAMONT ENGINEERS
ENGINEERS PLANNERS
FACILITY OPERATIONS
548 MAIN ST
COBLESKILL, NY 12043
(518) 234-0028 FAX: (518) 234-4613
luc@lamontengineers.com

SCHODER RIVERS ASSOCIATES
CONSULTING ENGINEERS, P.C.
453 OXON ROAD, STE. 7, BLDG. 3
QUEENSBURY, NY 12804
(518) 741-0417 FAX: (518) 741-0513
shou@sr-engineers.com

HUSTON ENGINEERING, LLC
BUILDING SYSTEMS CONSULTANTS
251 RIVER STREET, SUITE 201
TROY, NY 12180
(518) 324-0344 FAX: (518) 324-0349
Chris@hustonengineering.com

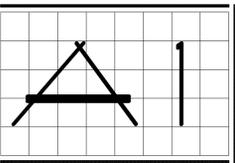
COPYRIGHT 2014
MITCHELL ASSOCIATES ARCHITECTS
UNAUTHORIZED ALTERATION OR ADDITION
TO THIS DOCUMENT IS A VIOLATION OF LAW

**NEW FIRE STATION
SWANZEY FIRE STATION**

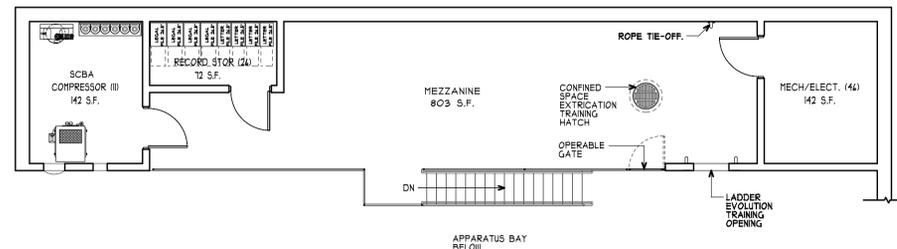
REVISION HISTORY	
DATE	DESCRIPTION

FLOOR PLAN

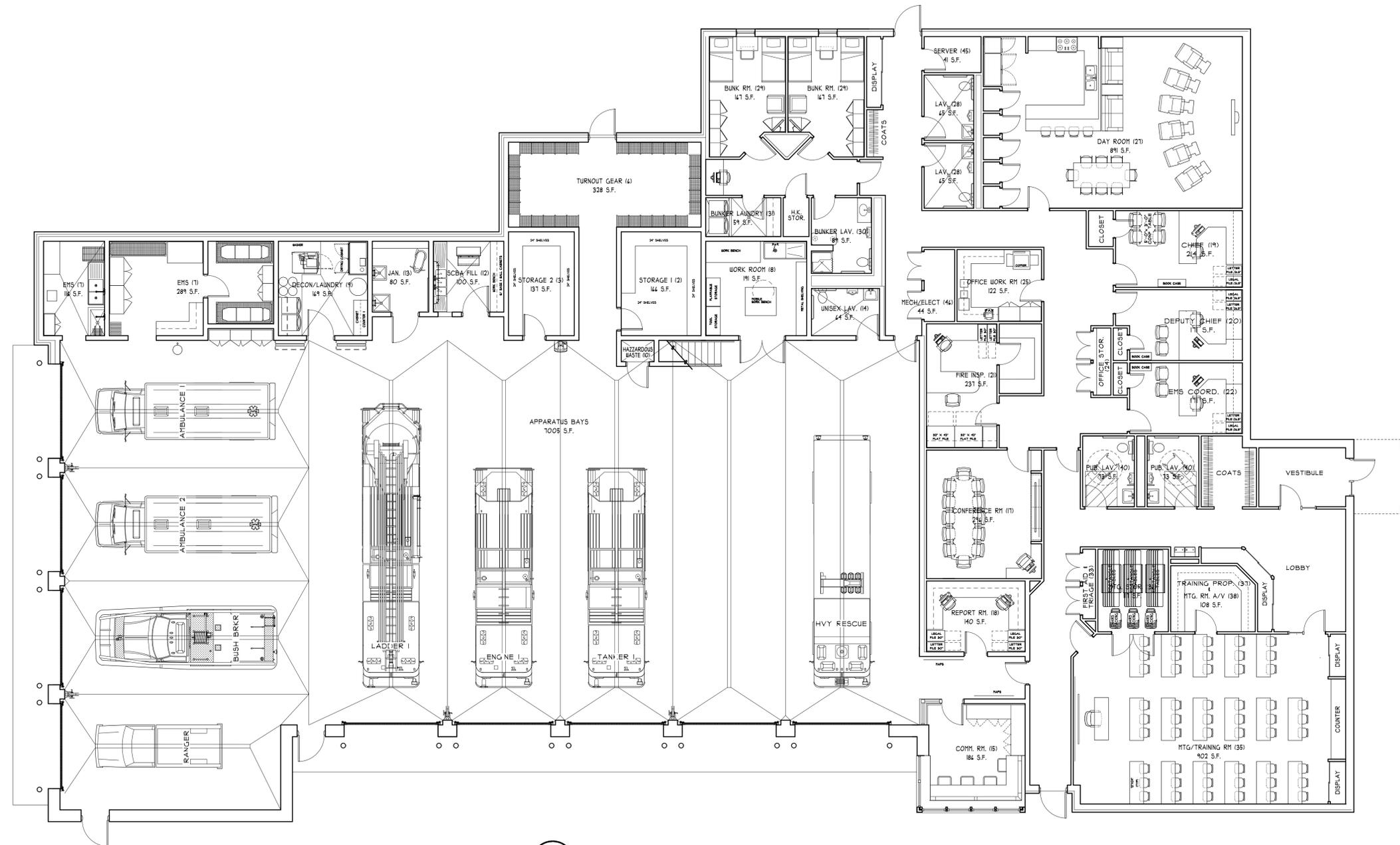
SCALE: 1/8" = 1'-0"
DWG. BY: JDA
DWG. DATE: 1/31/2014
STATUS: SCHEMATIC DESIGN



PLOT TIME: 3:19 PM

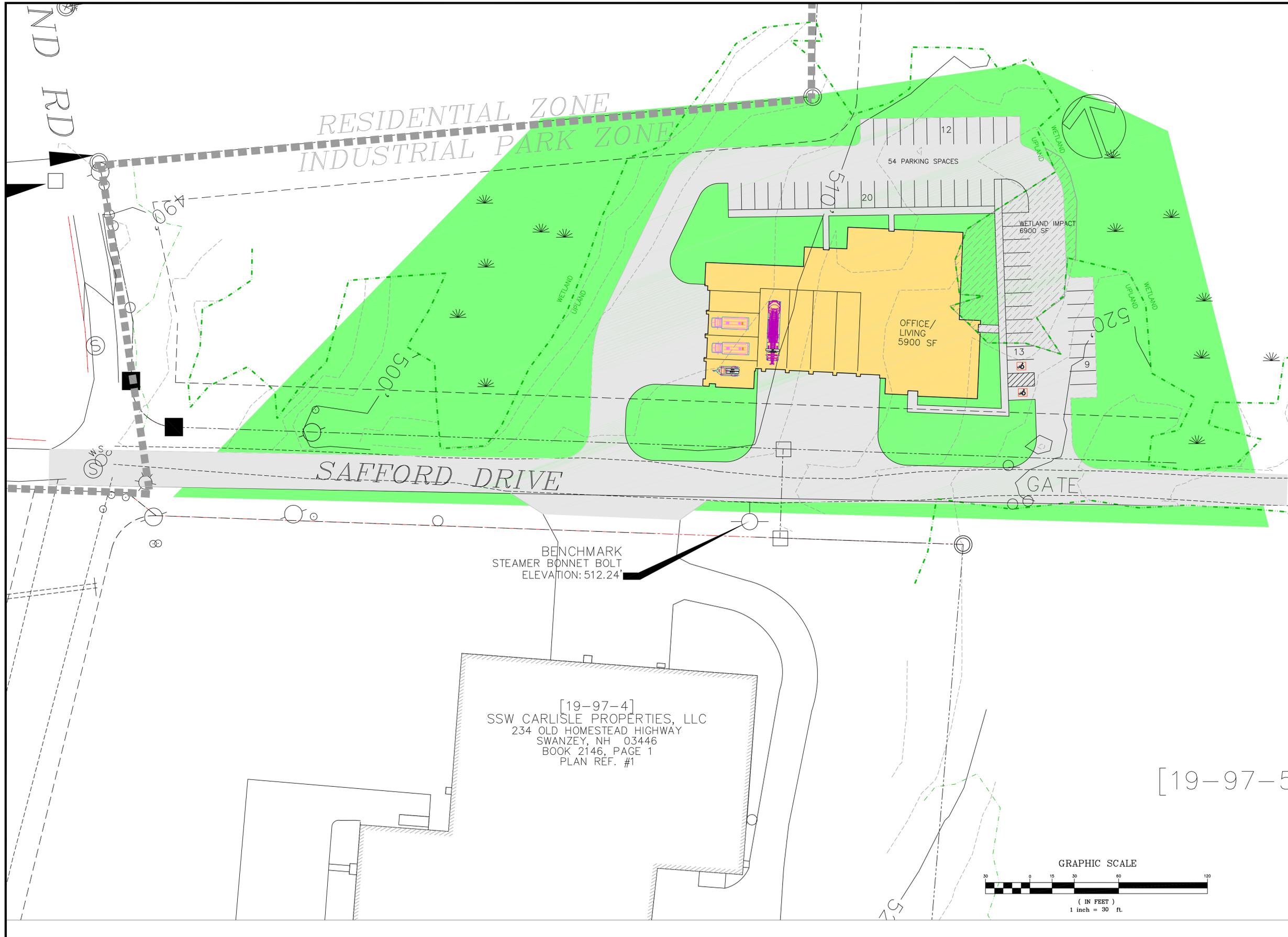


2 MEZZANINE PLAN
SCALE: 1/8" = 1'-0"



1 FLOOR PLAN
SCALE: 1/8" = 1'-0"

BUILDING AREAS	
FOOTPRINT	16,531
MEZZANINE	1,120
TOTAL	17,651



REVISIONS: DATE:
TOWN OF SWANZEY ROUTE 32 SWANZEY, NH
Brickstone Land Use Consultants, LLC <small>Site Planning, Permitting and Development Consulting 185 Winchester Street, Keene, NH 03431 Phone: (603) 357-0116</small>
PROPOSED FIRE STATION SITE SAFFORD DRIVE
CONCEPT PLAN
SCALE: 1"=30'
DATE: 8/4/14
SHEET 1 OF 1

BENCHMARK
STEAMER BONNET BOLT
ELEVATION: 512.24'

[19-97-4]
SSW CARLISLE PROPERTIES, LLC
234 OLD HOMESTEAD HIGHWAY
SWANZEY, NH 03446
BOOK 2146, PAGE 1
PLAN REF. #1

[19-97-5]

