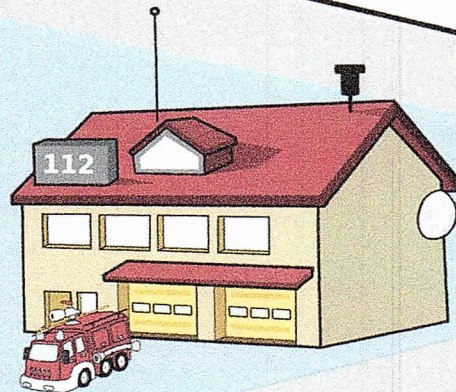


# KLICKITAT COUNTY FIRE DISTRICT #3



## K-3 FIRE STATION DESIGN & SPACE USE MATRIX



April  
2019

## ABSTRACT

Essential to any successful organization, the periodic evaluation of its operations, services, facilities and fixed assets provide the leadership with the necessary tools to keep the agency healthy and in a state of readiness for the future and all that it may hold.

The purpose of this matrix is to provide the user with a comprehensive evaluation of their current facilities as well as to guide them through a needs assessment and design for planned or future facilities and/or fixed assets.

Critical to any inclination an organization may desire in upgrading or replacing its existing facility(s), is the intentional, evaluative exercise of

- Defining the organization
- Establishing a current mission statement
- Adopting a vision for the organization
- Establishing current and future desired internal and external services
- Adopting current and future Levels of Service (LOS)
- Develop and adopt a Deployment Plan
- Design facilities to meet all of the above - now and in the future

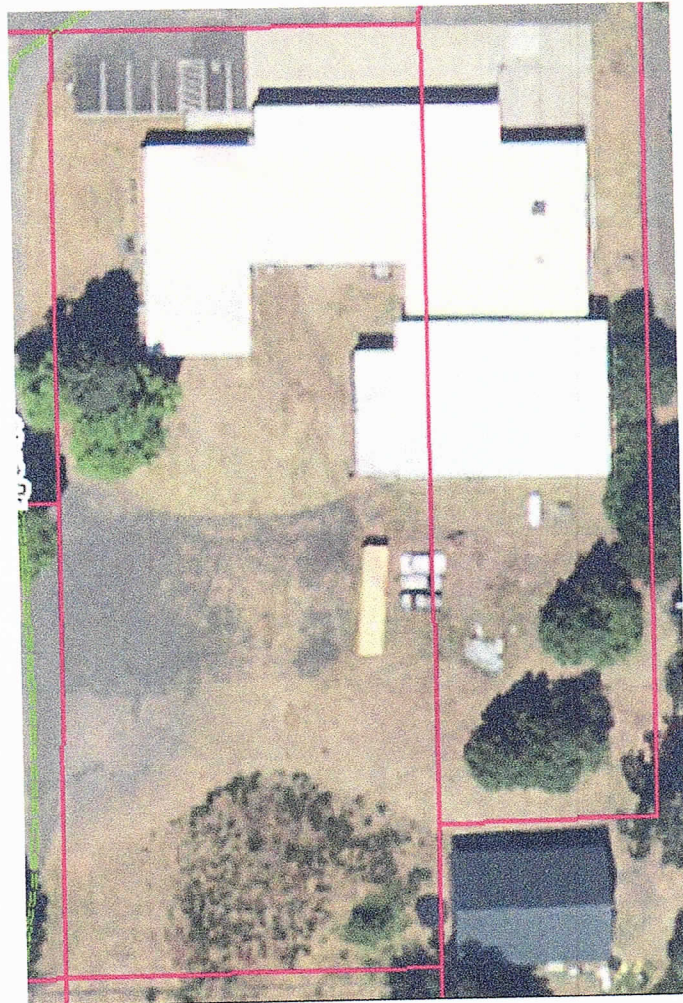


a tool

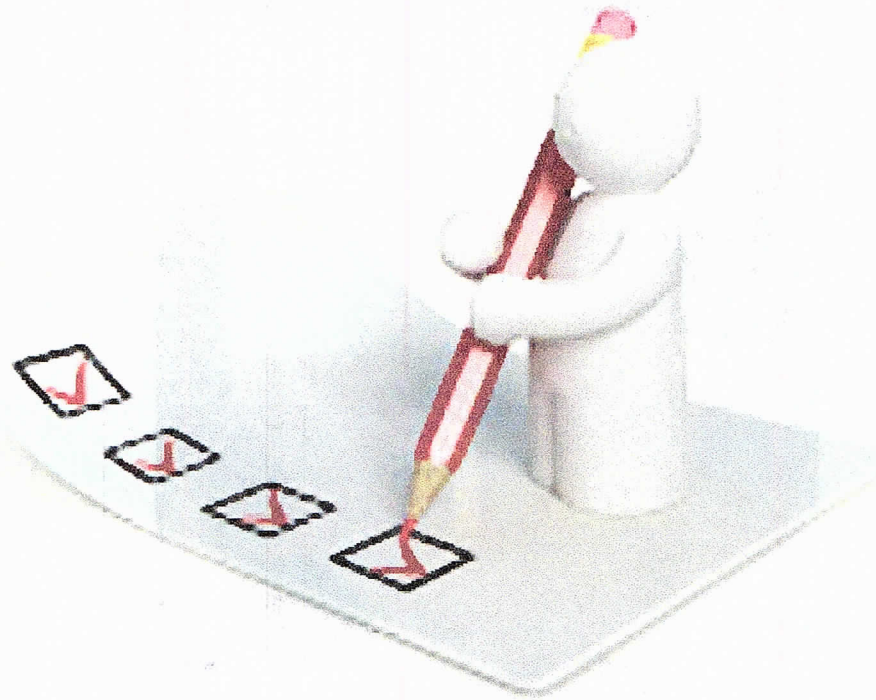
Public Safety facilities typically have a life-span that extends for decades. That principle alone must drive policy-makers of any organization to carefully consider all three dimensions of their services: *past, present and future*. Having the patience and taking the effort to work through a process (as shown below) that develops a true Facilities Master PLAN - insures that a fire station is an integral part of fulfilling the 'PLAN' - rather than a 'PLAN' being squeezed into a facility.

*The following pages are a detailed schedule of desired work, living, storage, utility and operations spaces that have been tentatively identified as necessary areas to be considered in the design of the REMODEL of Headquarters Fire Station #31 and Fire Station #32 for Klickitat County Fire District #3*

**Fire Station #31 SITE MAP**



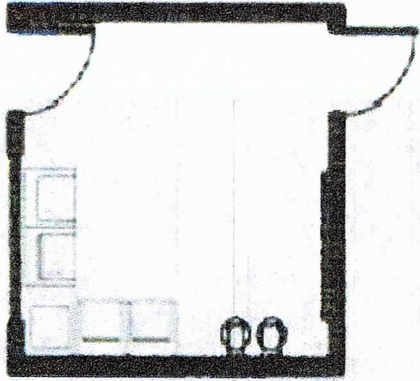
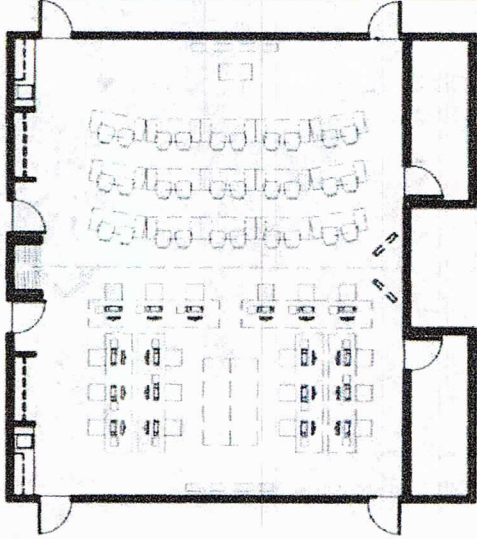
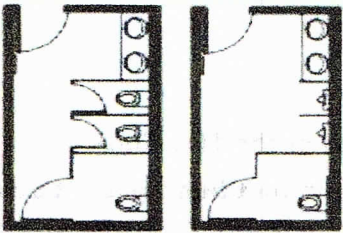
# Facility Use SPACE SURVEY



# PUBLIC ACCESS / USE AREAS



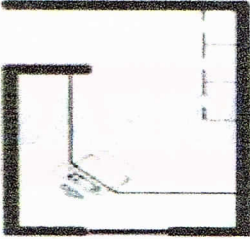
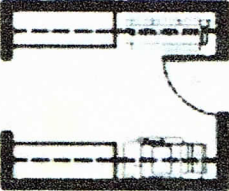
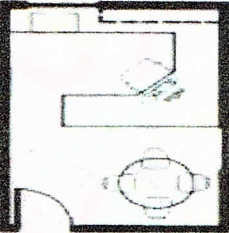
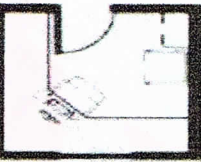
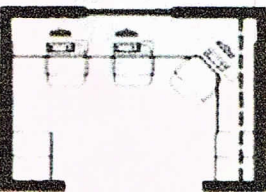
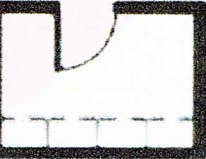
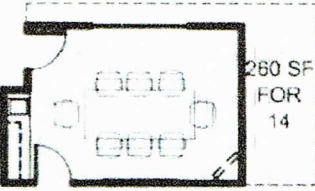
**PUBLIC ACCESS / USE AREAS:** Those areas of the Fire Station where the general public would access/enter the building to conduct business. It also includes those areas where they may attend an event, use the restroom facilities or be medically evaluated.

SPACE	USE	SQ FT	
	<p><b>MAIN ENTRANCE - LOBBY AREA</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Main entrance to facility</li> <li><input type="checkbox"/> Main entrance to Community Room</li> <li><input type="checkbox"/> Access to Public Restrooms</li> <li><input type="checkbox"/> Museum area</li> <li><input type="checkbox"/> Reception area access secured (window)</li> <li><input type="checkbox"/> Access to Fire Prevention Material</li> <li><input type="checkbox"/> Blood Pressure or Health profile area</li> <li><input type="checkbox"/> Security access for EOC operations</li> </ul>		
	<p><b>Multi-Purpose Meeting / Training / EOC Room</b></p> <ul style="list-style-type: none"> <li>◆ Main access from Lobby area</li> <li>◆ Multi-purpose meeting or training room</li> <li>◆ Basic kitchen/food preparation amenities</li> <li>◆ Multi-use Audio-visual capabilities</li> <li>◆ Sound system</li> <li>◆ Small storage area for meeting equipment/furnishings</li> <li>◆ Accordion door to divide room</li> <li>◆ EOC amenities</li> </ul>		
	<p><b>PUBLIC RESTROOMS</b></p> <ul style="list-style-type: none"> <li>◆ Accessible for HFD personnel and/or public</li> <li>◆ Adequate for up to 80 people</li> <li>◆ Secured from Admin area of building</li> <li>◆ ADA compliant</li> <li>◆ Durable</li> </ul>		



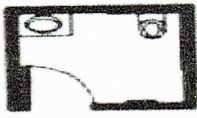
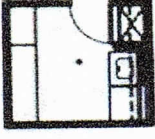
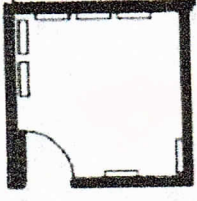
# ADMINISTRATIVE USE AREAS



**ADMINISTRATIVE USE AREAS:** Those *secure* areas of the Fire Station where the general administrative and business of the Fire District is conducted. This may include Reception Area, Offices; Production Area; Office Storage; Records Storage; IT Room; Board Office; Board Conference/Meeting Room. Access by general public through secured door.

	<p><b>RECEPTION AREA</b></p> <ul style="list-style-type: none"> <li>◆ Main access to Admin area</li> <li>◆ Secured Reception window</li> <li>◆ Future Admin work-space</li> <li>◆ Some Admin storage</li> <li>◆ Security access for EOC operations</li> </ul>		
	<p><b>COPY / PRODUCTION AREA</b></p> <ul style="list-style-type: none"> <li>◆ Generous counter space and production area</li> <li>◆ Copy machine and other production equipment</li> <li>◆ Some reproduction supplies</li> </ul>		
	<p><b>EXECUTIVE OFFICE SPACE</b></p> <ul style="list-style-type: none"> <li>◆ Executive Officer work space</li> <li>◆ Small library</li> <li>◆ Small conference table</li> <li>◆ Communications equipment</li> </ul>		
	<p><b>SINGLE OFFICE SPACES</b></p> <ul style="list-style-type: none"> <li>◆ Staff offices</li> </ul>		
	<p><b>WORK STATION(S) OFFICE SPACE</b></p> <ul style="list-style-type: none"> <li>◆ Open area for career or volunteer work stations</li> <li>◆ Computers &amp; phones</li> <li>◆ Some cabinet storage space</li> </ul>		
	<p><b>RECORDS STORAGE SPACE</b></p> <ul style="list-style-type: none"> <li>◆ Secured space</li> <li>◆ File cabinets</li> <li>◆ Some counter space</li> </ul>		
	<p><b>CONFERENCE / BOARD ROOM SPACE</b></p> <ul style="list-style-type: none"> <li>◆ Table for 14</li> <li>◆ Kitchenette</li> <li>◆ AV amenities</li> <li>◆ EOC/Communications</li> </ul>		



	<p><b>ADMIN / OFFICE STORAGE SPACE</b></p> <ul style="list-style-type: none"> <li>◆ Shelving</li> <li>◆ Some Cabinets</li> <li>◆</li> </ul>		
	<p><b>IT HUB</b></p> <ul style="list-style-type: none"> <li>◆ HVAC system</li> <li>◆ Racks/hubs</li> <li>◆ Conduit</li> </ul>		
	<p><b>UNI-SEX EMPLOYEE RESTROOM</b></p> <ul style="list-style-type: none"> <li>◆ Small, utilitarian</li> <li>◆ Staff only</li> </ul>		
	<p><b>JANITORIAL AREA</b></p> <ul style="list-style-type: none"> <li>◆ Small area</li> <li>◆ Storage shelving</li> <li>◆ Sink /Floor sink</li> </ul>		
	<p><b>ELECTRICAL / MECHANICAL CONTROL ROOM</b></p> <ul style="list-style-type: none"> <li>◆ Panels</li> <li>◆ Low voltage controls</li> <li>◆ Alerting receiver/controls</li> <li>◆ HVAC controls</li> <li>◆ Emergency generator controls</li> </ul>		

# OPERATIONS / RESPONSE AREAS



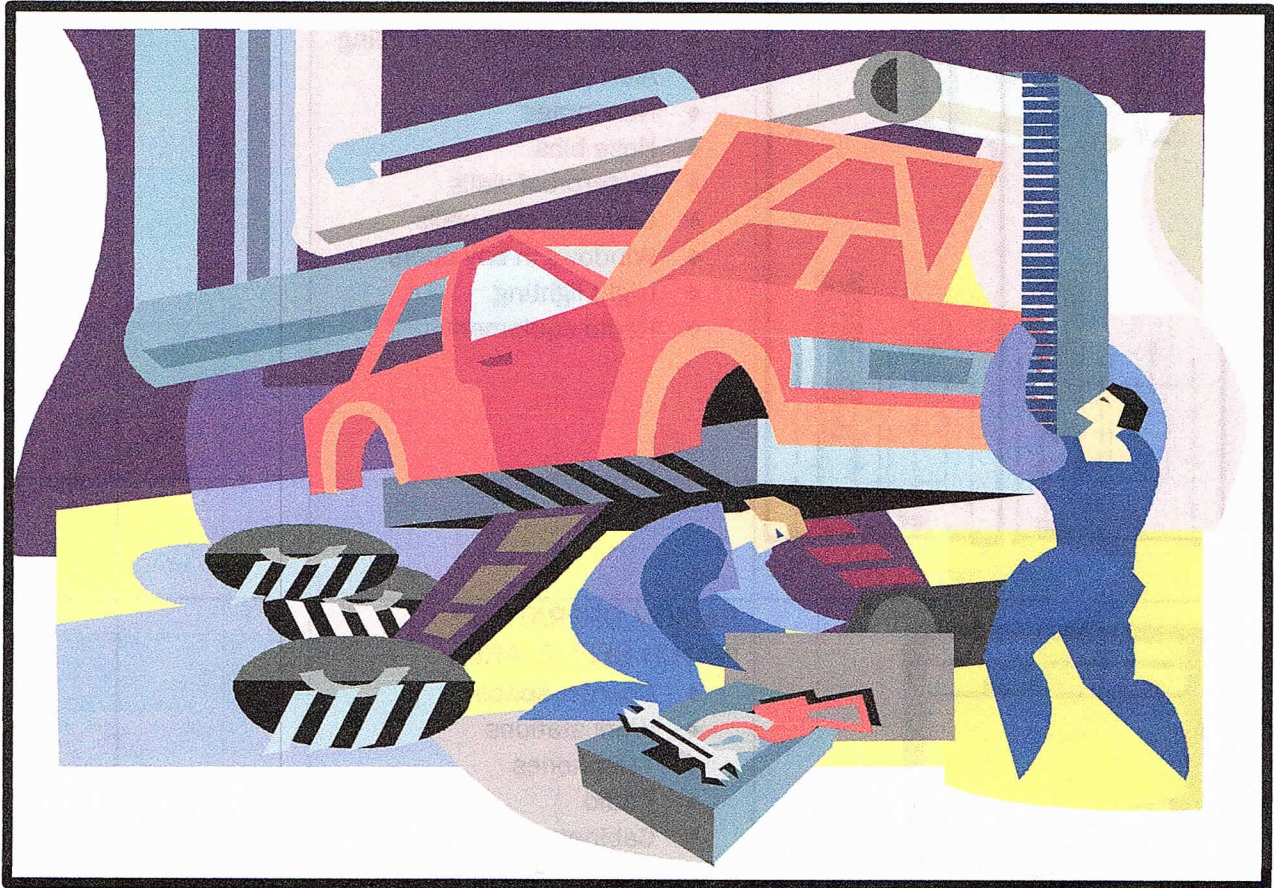
## **OPERATIONS & SUPPORT SERVICES USE AREAS:**

Those secure areas of the Fire Station where the response activities and support services areas take place. Generally OFF LIMITS to the general public except for guided tours, this includes the spaces for apparatus, equipment, decontamination, maintenance, storage and other Operations and Support Services Division activities.

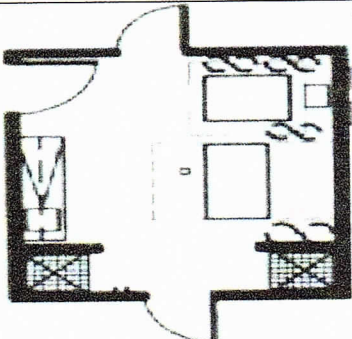
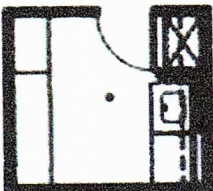
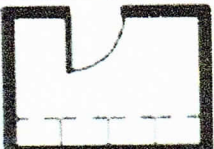
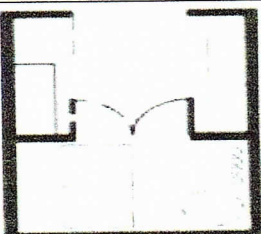
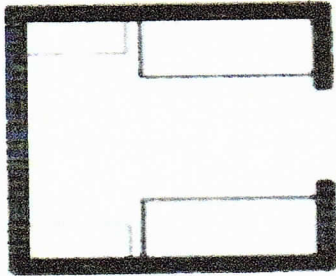
# RESPONSE AREAS

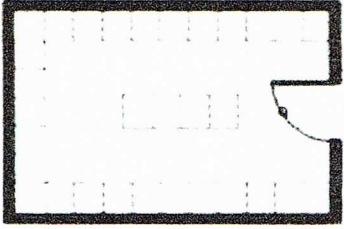


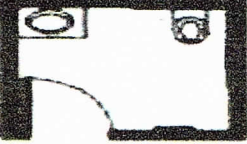


	<p><b>APPARATUS BAY SPACE</b></p> <ul style="list-style-type: none"> <li>◆ Generous bay space</li> <li>◆ Sloped bays</li> <li>◆ Floor drains</li> <li>◆ Exhaust system</li> <li>◆ Piped air</li> <li>◆ Air hose reels</li> <li>◆ Large waterlines for filling</li> <li>◆ Alert lighting</li> <li>◆ No storage</li> <li>◆ Hose bibs</li> <li>◆ Waterproof walls</li> <li>◆ Concrete step walls</li> <li>◆ Windows in bay doors</li> <li>◆ Night lighting</li> <li>◆ Radio equipment</li> </ul>	
	<p><b>RADIO / OPERATIONS / WATCH OFFICE AREA</b></p> <ul style="list-style-type: none"> <li>◆ Counter space</li> <li>◆ Work stations</li> <li>◆ Telephones</li> <li>◆ Radio</li> <li>◆ Cabinet storage</li> <li>◆ Wall maps</li> <li>◆ File drawers for reference material</li> <li>◆ Forms storage</li> </ul>	
	<p><b>WORK STATION(S) OFFICE SPACE</b></p> <ul style="list-style-type: none"> <li>◆ Open area for career or volunteer work stations</li> <li>◆ Computers &amp; phones</li> <li>◆ Some cabinet storage space</li> </ul>	

# SUPPORT SERVICES / MAINTENANCE AREAS

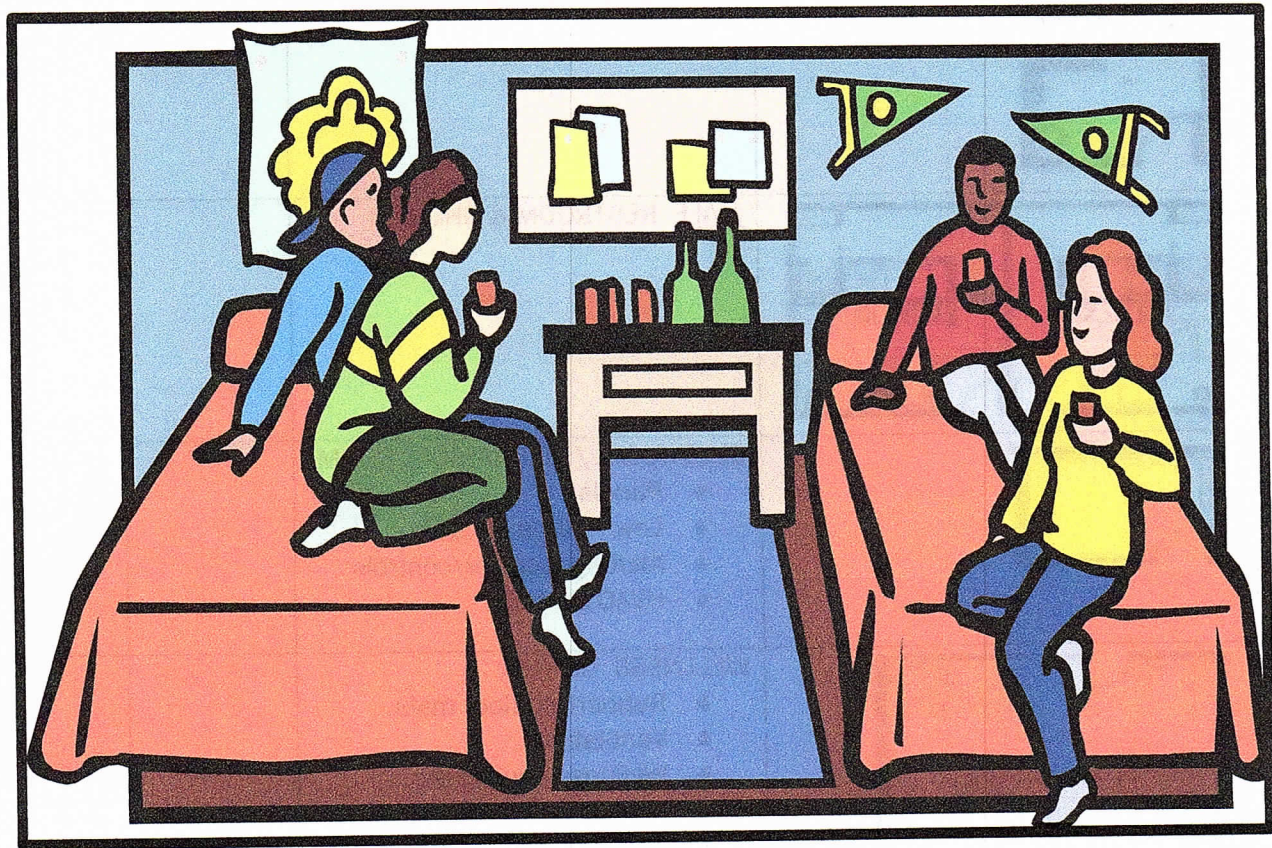


**SUPPORT SERVICES USE AREAS:** Those secure areas of the Fire Station where the support services and maintenance activities take place. Generally **OFF LIMITS** to the general public except for guided tours, this includes the spaces for apparatus and equipment repair, SCBA filling/storage, cleaning and decontamination, storage and other Support Services operations occur.

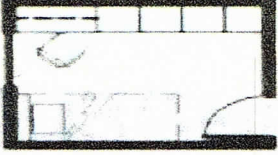
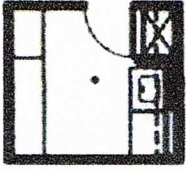
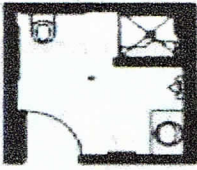
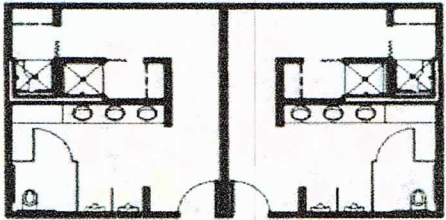
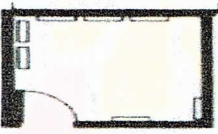
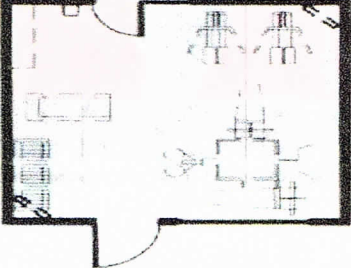
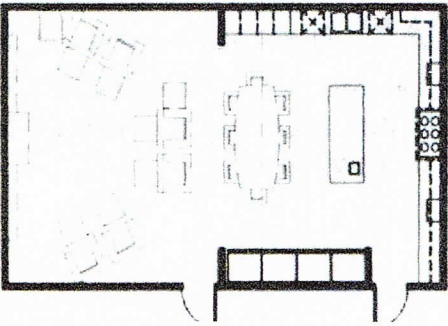
	<p><b>DECON / CLEAN-UP SPACE</b></p> <ul style="list-style-type: none"> <li>◆ Grated floor/drain</li> <li>◆ S/S EMS sink and counter</li> <li>◆ S/S decon Sink and Counter</li> <li>◆ Cleaning supply storage</li> <li>◆ Wall rack for brooms, mops, etc</li> <li>◆ Hose bib (hot &amp; cold)</li> </ul>		
	<p><b>LAUNDRY</b></p> <ul style="list-style-type: none"> <li>◆ Extractor</li> <li>◆ Commercial washer</li> <li>◆ Commercial dryer</li> <li>◆ Counter space</li> <li>◆ Cleaning supply storage</li> </ul>		
	<p><b>DRYING ROOM</b></p> <ul style="list-style-type: none"> <li>◆ Heater/vent fan</li> <li>◆ Rolling PPE hanging racks</li> </ul>		
	<p><b>SCBA / COMPRESSOR SPACE</b></p> <ul style="list-style-type: none"> <li>◆ Counter space</li> <li>◆ Workbench (Small)</li> <li>◆ Storage Cabinets</li> <li>◆ Storage Drawers</li> <li>◆ SCBA Compressor</li> <li>◆ SCBA Fill Station</li> <li>◆ Storage racks</li> </ul>		
	<p><b>MAINTENANCE / STORAGE AREA</b></p> <ul style="list-style-type: none"> <li>◆ Counter space</li> <li>◆ Workbench</li> <li>◆ Storage Cabinets</li> <li>◆ Storage Drawers</li> <li>◆ Air Compressor</li> <li>◆ Grinder</li> <li>◆ Drill press</li> <li>◆ Storage racks</li> </ul>		

	<p><b>HOSE/EQUIPMENT/FIRE OPS SUPPLY STORAGE AREA</b></p> <ul style="list-style-type: none"> <li>◆ Open floor for rolling hose racks; SCBA bottle racks;</li> <li>◆ Storage cabinets</li> </ul>		
	<p><b>PPE / UNIFORM STORAGE AREA</b></p> <ul style="list-style-type: none"> <li>◆ Storage racks</li> <li>◆ Clothing racks</li> <li>◆ Storage cabinets/drawers</li> </ul>		
	<p><b>LAUNDRY / JANITORIAL AREA</b></p> <ul style="list-style-type: none"> <li>◆ Small area</li> <li>◆ Storage shelving</li> <li>◆ Sink /Floor sink</li> </ul>		
	<p><b>UNI-SEX EMPLOYEE RESTROOM</b></p> <ul style="list-style-type: none"> <li>◆ Small, utilitarian</li> <li>◆ Staff only</li> </ul>		
	<p><b>EMS STORAGE AREA</b></p> <ul style="list-style-type: none"> <li>◆ Storage racks</li> <li>◆ Clothing racks</li> <li>◆ Storage cabinets/drawers</li> </ul>		
	<p><b>MEZZANINE STORAGE AREA</b></p> <ul style="list-style-type: none"> <li>◆ Large open flooring for bulk storage</li> <li>◆ Storage racks</li> </ul>		

# RESIDENTIAL / PERSONNEL AREAS



**RESIDENTIAL / PERSONNEL AREAS:** Those *secure* areas of the Fire Station where on-and-off-duty personnel rest, eat, sleep, relax. Generally **OFF LIMITS** to the general public except for guided tours, this includes the spaces for dormitories, showers/restrooms, kitchen, dining room and TV/dayroom.

	<p><b>DORMITORY ROOM</b></p> <ul style="list-style-type: none"> <li>◆ Bed</li> <li>◆ Desk</li> <li>◆ Closet</li> </ul>		
	<p><b>LAUNDRY</b></p> <ul style="list-style-type: none"> <li>◆ Residential washer</li> <li>◆ Residential dryer</li> <li>◆ Counter space</li> <li>◆ Cleaning supply storage</li> </ul>		
	<p><b>FEMALE RESTROOM &amp; SHOWER</b></p>		
	<p><b>MALE RESTROOM &amp; SHOWER</b></p>		
	<p><b>ELECTRICAL / MECHANICAL ROOM</b></p> <ul style="list-style-type: none"> <li>◆ Panels</li> <li>◆ Low voltage controls</li> <li>◆ Alerting receiver/controls</li> <li>◆ HVAC controls</li> </ul>		
	<p><b>WELLNESS CENTER</b></p> <ul style="list-style-type: none"> <li>◆ Rubberized floor mats</li> <li>◆ Ventilation</li> <li>◆ Wellness equipment</li> <li>◆ Mirrors</li> <li>◆ AV equipment</li> </ul>		
	<p><b>KITCHEN / DAYROOM</b></p> <ul style="list-style-type: none"> <li>◆ Commercial kitchen</li> <li>◆ Food prep area</li> <li>◆ Large table</li> <li>◆ AV Equipment</li> <li>◆ Radio equipment</li> <li>◆ Cabinet storage</li> <li>◆ Storage area</li> <li>◆ AV center</li> </ul>		