

CCHD New Ambulance Station
SPACE AND FUNCTIONAL PROGRAM

GENERAL REQUIREMENTS
<ul style="list-style-type: none"> ▪ Administration normal business hours: M-F, 8:00 A.M. to 4:00 P.M., all other functions 24/7 operation. ▪ Room and area NSF listed below assumes optimal space planning for economy and efficiency. ▪ Room and area NSF may be increased or decreased as needed to satisfy functional and code requirements and to encourage design flexibility provided GSF does not exceed 5% of target. ▪ Demising partition – Sound-rated construction between Administration and Crew Quarters w/ access controlled intervening door. ▪ Fire-rated construction and openings where required; assumed one-hour fire-rated construction separating Apparatus Bay from Administration and Crew Quarters. ▪ <u>Sound Rated Construction</u>: Design/, construct Sound Rated Construction to ensure minimum 52 dB sound attenuation between rooms, as verified by field testing per ASTM E336. ▪ Suspended ceilings assumed typical in Administration and Crew Quarters except where otherwise noted in the Functional Requirements below. ▪ Refer to <u>Furniture and Equipment List</u> for a complete listing and specifications of room furnishings and equipment.

BUILDING SPACE SUMMARY		
ADMINISTRATION	610	Department Total NSF
CREW QUARTERS	1250	Department Total NSF
APPARATUS BAY	2155	Department Total NSF
	4015	Building Total Target NSF
	400	Grossing Factor = 10%
	4415	BUILDING TOTAL TARGET GSF

Functional Area	Net Area (NSF)	Functional Requirements
ADMINISTRATION		
RECEPTION	50	Main entrance to Administration for public and administration staff. <ul style="list-style-type: none"> ▪ Entry door unlocked during normal Administration business hours: M-F, 8:00 A.M. to 4:00 P.M. ▪ Seating for two guests
MEETING ROOM/AREA	120	For Administration, Crew, or District Board member meetings. <ul style="list-style-type: none"> ▪ Adjacent to Reception, access from Reception or adjacent hallway. Maybe open-planned and share circulation space with a hallway - no requirement for a separate room ▪ Size for conference table w/ seating for eight ▪ OK to locate Copy, Storage, and Kitchenette functions in the Meeting Room/Area
COPY/STORAGE	60	This is for administrative staff and the operations manager’s use. <ul style="list-style-type: none"> ▪ Location flexible within Administration: function may be distributed along walls in Meeting Room/Area, located in hallway, or in a separate room shared with Kitchenette, readily accessible to Administrator, Office Manager, and Operations Manager ▪ Minimum 3 l.f. (6 s.f.) work surface; utilize furniture, built-in cabinetry, or a combination of both to achieve storage requirements

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Functional Area	Net Area (NSF)	Functional Requirements
ADMINISTRATION		continued
KITCHENETTE	30	For administrative staff use. <ul style="list-style-type: none"> ▪ Location flexible within Administration: function may be distributed along walls in Meeting Room/Area, located in hallway, or in a separate room shared with Copy/Storage, readily accessible to Administrator and Office Manager ▪ Approximately 6 l.f. counter w/ bar sink, built-in base and upper cabinets, under-counter refrigerator, countertop appliances, filtered water
OFFICE MANAGER	100	Office Manager's private office, single occupant. <ul style="list-style-type: none"> ▪ Adjacent to Reception, access through Reception, hallway or open-planned Meeting Area ▪ Sound Rated Construction w/ lockable door ▪ Natural daylight
ADMINISTRATOR	100	Administrator's private office, single occupant plus space for two guests. <ul style="list-style-type: none"> ▪ Adjacent to Office Manager, access through Office Manager, hallway, or open-planned Meeting Area ▪ Sound Rated Construction w/ lockable door ▪ Natural daylight
OPERATIONS MANAGER	100	Operations Manager private office, single occupant plus space for two guests, 24/7 usage. <ul style="list-style-type: none"> ▪ Located within Administration but accessed from Crew Quarters, readily accessible to Apparatus Bay and Dayroom ▪ Narcotics safe in office, enhanced security features required ▪ Sound Rated Construction w/ access-controlled door ▪ Natural daylight preferred but NOT required, windowless office OK.
PUBLIC RESTROOM	50	ADA compliant, unisex restroom for administration staff and public. <ul style="list-style-type: none"> ▪ Adjacent to Reception, access from Reception ▪ Two fixtures – toilet and lavatory ▪ Hard ceiling and Sound Rated Construction w/ lockable door
	610	Department Total NSF - ADMINISTRATION

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Functional Area	Net Area (NSF)	Functional Requirements
CREW QUARTERS		
DAYROOM KITCHEN DINING	660	<p><u>DAYROOM</u>: For on-duty crew R&R, crew training, friends/family visitation, 24/7 usage.</p> <ul style="list-style-type: none"> ▪ Primary Crew Quarters exterior entrance/exit, access-controlled door ▪ Circulation may be through Dayroom to access other rooms and areas in Crew Quarters, Apparatus Bay, and Administration ▪ Readily accessible to Apparatus Bay ▪ Sound-rated construction ▪ Natural daylight <p><u>KITCHEN</u>: 24/7 usage for on-duty crew.</p> <ul style="list-style-type: none"> ▪ Adjacent to Dining and Dayroom ▪ Base and upper cabinets, w/ sufficient counter area - not less than 4 l.f. for food preparation and additionally as needed to accommodate double compartment sink and appliances ▪ Sound-rated construction <p><u>DINING</u>: 24/7 usage for on-duty crew.</p> <ul style="list-style-type: none"> ▪ Adjacent and open to Kitchen and Dayroom ▪ Size to accommodate dining table and chairs for six ▪ Sound-rated construction
CREW BEDROOMS (4) Required	440	<p>Single-occupant bedroom for an on-duty crew member, 24/7 usage.</p> <ul style="list-style-type: none"> ▪ Adjacent to and accessed from Dayroom or hallway, readily accessible to Crew Bathroom ▪ Sound-rated construction w/ lockable door ▪ Natural daylight/egress window
CREW BATHROOMS (2) Required	130	<p>Unisex bathroom for on-duty crew, 24/7 usage.</p> <ul style="list-style-type: none"> ▪ Adjacent to and accessed from Dayroom or hallway, readily accessible to Crew Bedrooms ▪ Sink, toilet, walk-in shower ▪ Sound-rated construction w/ lockable door ▪ Hard ceiling
CREW STATION	20	<p>Workstations for two on-duty crew to log reports</p> <ul style="list-style-type: none"> ▪ Location not critical; may be in Dayroom or nook
	1250	Department Total NSF – CREW QUARTERS

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Functional Area	Net Area (NSF)	Functional Requirements
APPARATUS BAY		
TRIAGE AREA	60	<p>For evaluation of walk-in patients by Crews, 24/7 usage.</p> <ul style="list-style-type: none"> ▪ Location on exterior wall with exterior entry, and convenient public wayfinding and access ▪ Entry will also serve as a second exit from the Garage. Door normally locked on exterior side. Intercom/alarm bell at entrance for Public to summon Crews for assistance ▪ Open bay w/ privacy curtain
GARAGE	1620	<p>Parking and crew servicing of ambulances, gear and equipment storage, and crew laundry.</p> <ul style="list-style-type: none"> ▪ Parking layout may be (4) bays abreast - back-in/drive-out, or (2) tandem bays abreast – drive-thru ▪ Ambulances: (4) Type-3, 21'-6" long x 8' wide ▪ Minimum clearances: 3' side, 5' between, 3' front, 4' rear, 4' rear to front ▪ Door: minimum (4) 12' wide [or (2) double wide] x 12' high, automatic overhead sectional ▪ Fixed equipment: exhaust removal system (e.g., <i>Plymovent</i>), overhead self-retracting compressed air and electrical cord reels ▪ Heating: overhead radiant infrared gas heaters (note - no existing gas service). Alternate preferred – if budget allows, radiant in-floor hydronic heating w/ heat pump boiler ▪ General Storage may be distributed along Garage walls ▪ Clothes washer and dryer and laundry basin located inside Garage, along wall adjacent to Decontamination
FITNESS AREA	160	<p>For on-duty crew use, 24/7.</p> <ul style="list-style-type: none"> ▪ Open to Garage
MEDICAL SUPPLIES	75	<p>Storage of non-narcotic and non-refrigerated medical supplies for restocking ambulances, 24/7 usage.</p> <ul style="list-style-type: none"> ▪ Adjacent to and accessed from Garage w/ lockable door ▪ Open shelving
DECONTAMINATION	160	<p>For incidental decontamination of crew and gear returning from call, 24/7 usage.</p> <ul style="list-style-type: none"> ▪ Locate on exterior wall adjacent to Garage ▪ Exterior (contaminated side) entrance door, interior (clean side) exit door into Garage. ▪ Workflow and layout from contaminated side to clean side ▪ Hard ceiling, scrubbable-waterproof-chemical resistant wall, and ceiling finishes ▪ Walk-in drench shower, stainless steel sink with drainboard for cleaning gear, extractor washing machine, clean garments locker
GENERAL STORAGE	80	May be distributed along Garage walls
COMMUNICATIONS	0	In Grossing
JANITOR'S CLOSET	0	In Grossing, mop sink
2155		Department Total NSF – APPARATUS BAY

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FURNITURE EQUIPMENT LIST

NOTE: Verify all dimensions and information show

Tag	Location	Dimensions	Qty	Reuse	Power	Remarks
ADMINISTRATOR						
	L-Shaped Desk	66" x 78" x 30"D	1	Yes		
	Task Chair		1	Yes		
	Side Chair		2			
	Desktop PC & Monitor		1	Yes	120V/3	WiFi or Tel/Data Loc - TBD
	Telephone		1	Yes	120V/3	WiFi or Tel/Data Loc - TBD
	4-Drawer File, Letter Size	15"W x 25"D x 52"H	2	Yes		Consider replacing w/2-drawer lateral 30"/36"W x 30"H
	Bookcase	32"W x 12"D x 30"H	1			Freestanding
	Dry Erase Board	48" x 36"	1			Wall mount
OFFICE MANAGER						
	L-Shaped Desk	48" x 83" x 30D"	1			
	Task Chair		1			
	Desktop PC & Monitor		1	Yes	120V/3	WiFi or Tel/Data Loc - TBD
	Telephone		1	Yes	120V/3	WiFi or Tel/Data Loc - TBD
	Radio w/ Charger	N/A	1	Yes	120V/3	Desktop - hand held radio w/ charging port
	4-Drawer File, Letter Size	15"W x 25"D x 52"H	2	Yes		Consider replacing w/2-drawer lateral 30"/36"W x 30"H
	2-Drawer Lateral File, Legal Siz	32"W x 19"D x 30"H	1			
	Bookcase	32"W x 12"D x 30"H	1			Freestanding
	Dry Erase Board	48" x 36"	1			Wall mounted
	Security Camera Monitor & PC	24" Desktop Monitor	1	Yes	120V/3	Ethernet data Loc
	Dry Erase Board	48" x 36"	1			Wall mounted
	Postage Machine	13"W x 14"D x 13"H	1	Yes	120V/3	Countertop
COPY/STORAGE						
	Copier	48"W x 26"D x 32"H	1	Yes	120V/3	Freestanding; existing ethernet data Loc; consider WiFi
	Shredder	14"W x 19"D x 22"H	1	Yes	120V/3	Freestanding
	Office Supplies Cabinet	Min 48"W x 14"D x 36"H	1			Furniture or EQUIVALENT custom built-in casework - TBD
	4-Drawer File, Letter Size	15"W x 25"D x 52"H	4			Consider replacing w/ lateral 30"-36"W x 30"H
	Work Surface	Min 36"W x 25"D	1			Work surface may be counter on base cabinets or files

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MEETING ROOM/AREA						
	Conference Table	42" x 84"	1			
	Conference Chair		6			Note - use office side chairs for additional seating
	42" TV Monitor		1	Yes	120V/3	Wall mount, hide power & cabling behind monitor; WiFi preferred
	Tonor Microphone	N/A		Yes	120V/3	Existing: Tonor mic sits on table, USB connected to powered cable box w/ coax; WiFi preferred
RECEPTION						
	Side Chair		2			or Bench
	AED/Defibrillator	17"W x 17"D x 17"H	1	Yes	battery	
KITCHENETTE						
	Microwave		1	Yes	120V/3	Countertop
	Toaster Oven		1	Yes	120V/3	Countertop
	Coffee Maker		1	Yes	120V/3	
	Undercounter Refrigerator	24"W	1		120V/3	ADA compliant
SERVER						
	Server and components	40"W x 12"D x 30"D	1	Yes	120V/3	Locaton - TBD
OPERATIONS MANAGER						
	L-Shaped Desk	84" x 108"	1	Yes		
	Task Chair		1			
	Side Chair		2			
	Desktop PC & Monitor		1	Yes	120V/3	
	Bookcase	36"W x 12"D	1	TBD		
	File cabinet	28"W x 16"D	1	Yes		4-drawer locking
	Narcotics Safe	14"W x 12"D	1	Yes		
	Desk Telephone	8" x 8"	1	Yes		
CREW BEDROOMS						
	Twin Bed XL	38" x 80"	4			Extra long
	Desk	48"W x 24"D	4			
	Task Chair		4			
	Wardrobe Locker	24"W x 24"D x 72"H	12			Lockable; Furniture or built-in casework

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Tag	Location	Dimensions	Qty	Reuse	Power	Remarks
	Easy Chair	28"W x 32"D x 50"H	4			
	Side Table/Nitestand	21"W x 18"D	4			
	32" TV Monitor		4		120V/3	Pivoting wall mount. Power/cable (or WiFi) @ TV
CREW STATION						
	Desk	48"W x 24"D	2			
	Task Chair		2			
	Desktop PC & Monitor		1	Yes	120V/3	verify if two PC's required
	Shredder	16" x 10"	1	Yes	120V/3	
	Printer				120V/3	WiFi or Tel/Data Loc - TBD
	File cabinet	16 x 16"	2			2-drawer under desk
	Mail Slots	60"W x ?"D x 12"H				Wall mounted, catalog item or custom casework
	Base Station Radio	8" x 8"	2	Yes	120V/3	verify mounting requirements
DAY ROOM						
	60" TV - wall mount		1	Yes	120V/3	Power & cabling hidden behind monitor
	Reclining Chair	34"W x 35"D x 42"H	4			65"D reclined position - verify
	Side Table	18" x 18"	2			
	Entertainment Center	52"W x 16"D x 24"H	1			verify actual size
DINING						
	Dining Table	36" x 72" or 66" round	1			TBD
	Dining Chair		6			
KITCHEN						
	Refrigerator	TBD			120V/3	2-refers or ? 40+ c.f. + freezer, zero clearance - TBD
	Induction Range/Oven				120V/3	ADA compliant for 34"H counter
	Dishwasher				120V/3	ADA compliant for 34"H counter
	Microwave				120V/3	countertop or built-in - TBD
	Coffee Maker				120V/3	
TRIAGE						
	Exam chair	verify size	1			
	Storage cabinet	16"W x 24"D x 30"H	1			verify if floor or wall mounted

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Tag	Location	Dimensions	Qty	Reuse	Power	Remarks
DECONTAMINATION						
	Washer Extractor - 20 lb capacity	28"W x 28"D x 44"H	1		120V/3	Softmount, hot water supply, drain
	Clean Wardrobe Locker?	21"W x 18"D x ?"H	1			verify if curb required
APPARATUS BAY = GARAGE						
	Clothes Washer	27"W x 32"D x 39"H	1	TBD	120V/3	hot water supply, drain
	Clothes Dryer	27"W x 32"D x 39"H	1	TBD	240V/3	Electric dryer
	Specialized Uniform Rack	60"W x 24"D	1			verify if freestanding or wall mounted
	Uniform Rack	60"W x 24"D	1			verify if freestanding or wall mounted
	Oxygen Tank - Large	7" Diameter	6	Yes		verify required protection, or locate on exterior?
	Oxygen Tank Holder - Small	22"W x 16"D	1	Yes		verify if freestanding or wall mounted
	Supplies Storage Shelving	56 l.f. x 12"D x 72"H	1			Consider deeper shelving units w/ equivalent capacity
	Reserve Locker	38"W 21"D	2	Yes		verify if curb required
	Reserve Locker	24"W 21"D	2	Yes		verify if curb required
	Reserve Locker	24"W x 21"D	4	Yes		verify if curb required
	Tool Storage	72"H x 12"D x 72"W	1			
FITNESS AREA						
1						
	Treadmill	72"W x 27"D	1	Yes		
	Elliptical Machine	?	1	Yes		
	Bench	72"W x 16"D	1	Yes		stored with Barbell Rack
	Barbell Rack	84"W x 24"D	1	Yes		
	Dumbbell Rack	?	1			
	Cable Machine	72"W x 24"D	1			
STORAGE CLOSET						
1						
	Spare Uniforms	72"W x 24"D	1	TBD		
	Outreach Supplies	16" X 24"	2	Yes		Totes
	Fold-up Table	60" x 24"	4	Yes		