

Town of Prosper Fire Station No. 4 / Space Program

Building Space Program

January 27, 2022

	PROGRAM NEED	FLOOR AREA (square feet)	APPROX. DIMENSIONS	OCC LOAD	FUTURE EXPANSION?	SPECIAL REQUIREMENTS / NOTES
PUBLIC	Fire Station Entry / Lobby	240		2		Main Entrance / Air lock / Public Waiting area 911 phone & door bell or intercom
	Public Handicap Restroom (Unisex)	64	8' x 8'	0		1
	Awards / Historic Display					
	Treatment / Triage Room	80				
SUB-TOTAL		384		2		

FIRE STATION	Air Conditioned Spaces	Watch Room / Report Writing			2	# workspaces: 3 Adjacent to Lobby / Bay Direct access to Bay required? N
		MDF	64		1	
		Captain's Office / Sleeping	250	25' x 10'	2	# of beds: 1 - Add ~20 SF for separate office and sleeping rooms
		Officers' Restroom	120	10' x 12'		1 (possibly shared W/ Shelter)
		Dormitory / Sleeping Rooms	600	100 ea.	12	# of Beds: 6 Type: Private: X Semi-private: ____ Dorm: ____ Study Desks: Y Captain Bed: Y Lockers in each area: Y
		Fire Fighter Restrooms / Shower	330	110 sq. ft. ea.		# single-user: 3 M/F Locker Rooms: ____ 2 Standard +1 H.C.
		Dayroom	460	20' x 23'	3	Minimum # recliners: 7 Open to Dining / Kitchen Y
		Kitchen and Pantries	600	20' x 30'	4	Assumes walk-in pantries, may be larger for 2 company station Pantries #: 3 Type: walk-in Range size: 6 burner & griddle Type 1 hood?: N U/C Trash? Y / N Dishwashers: 1 U/C Ice? Y / N Other:
		Dining	310		22	Gas grill - alert system shutoff Include outdoor covered patio? Y
		Conference Room	300		20	To accommodate: 8-10 persons Double as EOC?: N Include outdoor patio? N Other: TV
		Physical Training	485		10	Exercise equipment, fans
		EMS Storage (Daily station use)	80		1	EMS Storage / Daily use
	Spaces that mightbe Tempered Only	Laundry Room	120	12' x 10'	1	# Washers: 1 # Dryers: 1 #Ice Machine: 1 Folding countertop or table, storage cabinets
		Janitorial Closet with Storage	80		1	Mop sink, cleaning supplies
		Mezzanine Stair / Ladder	200			
		Vertical circulation for 2-story station	TBD			TBD if required
		Apparatus Bays	3,100	17'-4" wide ea. Min. 70' deep min.	11	# of Bays (Current): 2.5 Future Expans: Pull-Through: Y @ 2 full Bay Length (Clear inside): 70' min. Bay Doors: Four-fold: 5
		Air Locks	160	(2) @ 5' x 8' = 80 sq. ft.	1	Air locks to control fume migration from app bays into fire station. Wide crash bars preferred.
		General Storage (Air Conditioned)	120		1	
Ice Machine Alcove				Included @ Laundry Must be Conditioned?: Y		
Bunker Gear Lockers	450		2	Enough Lockers for ALL 3 shifts (18) Separate room preferred, with ventilation and no incandescent lighting.		
Extractor Room & Decontamination	190		2	Extractor washer with trench drain: 1 Gear Dryers: 1 Cascade Unit: 1 Relationship to Gear Lockers: Adjacent Deep sink with ____ LF drainboard Mop Sink: 2'x2' 3'x3' w/ em shower: Y / N Backboard Storage ____		
Oil Rags / Towels Laundry	100		1	Laundry adjacent to app bay to keep separate from linens and living quarter use		
Workroom / Shop / Hose & General Storage	350		2	Tool & Hose storage / Workshop Woodblock counter		
SCBA (Cascade System)	120		1			
Electrical Main	80	8' x 10'	1	Most electrical panels, generator ATS		
Electrical Secondary	65					
Mechanical Room / Mezzanine	450		2	Air Conditioning air handlers (for stations using split systems, usually on mezzanine)		
Attic or Mezzanine Storage	450		2			
Fire / Domestic Risers	64	6' x 8'	1	Requires direct outside door?: Y		

Sub-Total Net SF	10,292
Subtotal of Gross SF (20% of NET SF)	2,058
TOTAL FLOOR AREA	12,350
	square feet