SPACE NEEDS ASSESSMENT FOR TOWN OF BLACK MOUNTAIN PUBLIC SAFETY BUILDING

SPACE REQUIREMENTS SUMMARY

	CURRENT AREA OCCUPIED	CURRENT PERSONNEL*	CURRENT NEEDS**	2031 NEEDS		2036 NEEDS		2046 NEEDS	
	NSF	PERS	NSF	PERS	NSF	PERS	NSF	PERS	NSF
POLICE DEPARTMENT SPACE SUMMARY									
POLICE DEPARTMENT	0	29	7,414	38	8,170	42	8,635	48	9,185
FIRE STATION	0	27	6,376	40	6,911	52	7,534	59	7,931
APPARATUS BAY	0	0	6,428	0	6,481	0	6,521	0	6,547
SHARED	0	0	3,814	0	3,868	0	3,962	0	4,030
TOTAL PERSONNEL / NSF:	**0**	**56**	**24,032**	**78**	**25,430**	**94**	**26,652**	**107**	**27,694**
CURRENT / REQUIRED GROSS SQ FT	80%		30,041 GSF		31,787 GSF		33,315 GSF		34,617 GSF

* CURRENT PERSONNEL indicates the number of personnel currently staffing the department which needs to be housed in its space. It does not account for any current staffing

** CURRENT NEEDS NSF indicates the amount of NSF (net square feet) required to meet the needs of the current staff based on appropriate space standards.

SPACE NEEDS ASSESSMENT FOR POLICE STATION

SPACE REQUIRED			CURRENT NEEDS		2031 NEEDS		2036 NEEDS		2046 NEEDS		REMARKS
DESCRIPTION	SPACE CODE	SQ FT EACH	QTY	SQ FT	QTY	SQ FT	QTY	SQ FT	QTY	SQ FT	
POLICE DEPARTMENT											
PERSONNEL SPACE											
Chief	po5	196	1	196	1	196	1	196	1	196	U-shaped workstation. Six person conference table.
Major / Deputy Chief	po4	168	1	168	1	168	1	168	1	168	U-shaped workstation. Four person conference table
Captain	po3	144	0	0	0	0	1	144	1	144	U-shaped workstation. Four person conference table
Lieutenant	po3	144	3	432	4	576	4	576	5	720	U-shaped workstation. Four person conference table
Patrol Sergeant			4		4		4		4		Refer to Shared Office below. Two desks, one office
Patrol Corporals			4		4		4		4		Refer to Shared Office below. Two desks, one office
Evidence Technitian / Accreditation	po2	120	1	120	2	240	3	360	3	360	L-shaped workstation. Two guest chairs
Patrol Officers			8		12		12		16		Refer to Open Office below. Cubicles
Investigators			1		2		3		4		Refer to Shared Office below. Two desks, one office
Investigators Corporal - Narcotics			1		1		1		1		Refer to Shared Office below. Two desks, one office
Licensed Clinical Health & Wellness	po2	120	1	120	1	120	1	120	1	120	L-shaped workstation. Two guest chairs
SRO			1		1		2		2		Refer to Open Office below. Cubicles
Events Coordinator			1		1		2		2		Refer to Open Office below. Cubicles
Investigation Training Officer	po2	120	1	120	1	120	1	120	1	120	L-shaped workstation. Two guest chairs
Administrative Assistant	ws3	64	1	64	3	192	2	128	2	128	Front Window, shared office space, cubicle
SUPPORT SPACE											
Reception	cs20	120	1	120	1	120	1	120	1	120	
Kiosk	cs3	15	1	15	1	15	1	15	1	15	Self Serve
Waiting	vis6	120	1	120	1	120	1	120	1	120	Seating for six
Small Conference - seat 6	cnf6	150	1	150	1	150	1	150	1	150	Adjacent to Lobby with secure and public access.
Public Toilet Room	tlt1	65	2	130	2	130	2	130	2	130	Adjacent to Lobby with public access.
Chief's Conference Room - seat 8	cnf8	175	1	175	1	175	1	175	1	175	Adjacent to Chief's office
Patrol Sergeant	po3	144	2	288	2	288	2	288	2	288	Two desks in one office
Patrol Corporals	po3	144	2	288	2	288	2	288	2	288	Two desks in one office
Investigators	po4	168	1	168	2	336	2	336	3	504	Two Cubicles in one office
Open Office	ws2	48	6	288	6	288	9	432	11	528	Open Office Area (2 shared Partrol Officers per cubicle)
Wellness Room	po1	100	1	100	1	100	1	100	1	100	Comfortable chairs, adjustable lighting.
File Room	lat	32	5	160	5	160	5	160	5	160	Digital in the Future
Copy/Supply/Storage Room	wrk3	170	1	170	1	170	1	170	1	170	
Evidence Storage	st6	200	1	200	1	200	1	200	1	200	Eight 4'-0" wide shelves for evidence storage in banker's boxes.
Evidence Storage - Drugs	st2	50	1	50	1	50	1	50	1	50	Storage for drugs with 100% ventilation
Evidence Bag and Tag	st3	80	1	80	1	80	1	80	1	80	Bag and tag with counter, sink, cabinets, and pass through lockers.
Sallyport		800	1	800	1	800	1	800	1	800	Sallyport with decon space, bicycles, and flamable evidence storage area.
Hard Interview	st3	80	2	160	2	160	2	160	2	160	Hard interview with CMU walls and detention furniture. Interview video feed goes to Sgt's office.
Interview Toilet	tlt1	65	1	65	1	65	1	65	1	65	Interview toilet with detention fixture.
Report Writing Room	cnf6	150	1	150	1	150	1	150	1	150	Seating for four with BWC and Radio charging
Closet	clos1	25	1	25	1	25	1	25	1	25	Miscellaneous storage.
Gun Cleaning	st3	80	1	80	1	80	1	80	1	80	
Armory/Quartermaster	st6	200	1	200	1	200	1	200	1	200	Ammunition shelving.
Storage	st3	80	1	80	1	80	1	80	1	80	General storage and PPE
Storage	st3	80	1	80	1	80	1	80	1	80	General storage and Camera Equipment
Toilet	tlt1	65	2	130	2	130	2	130	2	130	Single-use toilet rooms. Distributed from locker area.
TOTAL PERSONNEL			29		38		42		48		
SUBTOTAL SPACE REQUIRED				5,492		6,052		6,396		6,804	
INTERNAL CIRCULATION FACTOR		35%		1,922		2,118		2,239		2,381	
TOTAL DIVISION SPACE REQ'D				**7,414 NSF**		**8,170 NSF**		**8,635 NSF**		**9,185**	

FIRE STATION

PERSONNEL SPACE

Fire Chief	po5	196	1	196	1	196	1	196	1	196	
Deputy Chief	po3	144	1	144	1	144	1	144	1	144	
Fire Marshal	po3	144	1	144	1	144	1	144	1	144	
Deputy Fire Marshal	po2	120	0	0	0	0	1	120	1	120	
Public Education Specialist			0		0		1		1		Refer to Shared Office below. Two desks, one office
Training Officer			0		1		1		1		Refer to Shared Office below. Two desks, one office
Battalion Chief			3		3		3		3		Refer to Shared Office below. Two desks, one office
Administrative Assistant			0		0		1		2		Refer to Shared Office below. Two desks, one office
Captain			0		3		3		3		Refer to Open Office below. Cubicles
Lieutenant			6		6		9		9		Refer to Open Office below. Cubicles
Engineer			6		9		9		12		No Dedicated Workspace
FireFighter			9		15		21		24		No Dedicated Workspace

SUPPORT SPACE											
Reception	cs20	120	1	120	1	120	1	120	1	120	
Kiosk	cs3	15	2	30	2	30	2	30	2	30	Self Serve
Waiting	vis6	120	1	120	1	120	1	120	1	120	Seating for six
Small Conference - seat 6	cnf6	150	1	150	1	150	1	150	1	150	Adjacent to Lobby with secure and public access.
Public Toilet Room	tlt1	65	2	130	2	130	2	130	2	130	Adjacent to Lobby with public access.
Conference Room - seat 12	cnf12	260	1	260	1	260	1	260	1	260	
Shared Office	po3	144	2	288	2	288	3	432	4	576	Two desks in one office
Open Office	ws2	48	3	144	5	240	6	288	6	288	Open Office Area (2 shared per cubicle)
Bunk Rooms	bnk1	150	4	600	6	900	7	1,050	8	1,200	2 beds per room with personal lockers
Training Room											Refer to Shared Space
Copy Room	wrk14	196	1	196	1	196	1	196	1	196	Printers / Plotters / Scanners
Work Room	wrk14	196	1	196	1	196	1	196	1	196	Work Stations for GIS, Planning, Incedent Review
Decon Room	decon	200	1	200	1	200	1	200	1	200	Extractor / Dryer / sink
Decon shower	shw2	150	1	150	1	150	1	150	1	150	Decon Shower & Toilet
Storage - General / Files	st35	100	1	100	1	100	1	100	1	100	
Storage - Evidence & Record	st35	100	1	100	1	100	1	100	1	100	
Storage - Training	st35	100	1	100	1	100	1	100	1	100	
Storage - Radio	st35	100	1	100	1	100	1	100	1	100	
Storage - Medical	st35	100	1	100	1	100	1	100	1	100	
Storage - Fleet / Tools	st35	100	1	100	1	100	1	100	1	100	
Storage - Emergency Response Equipment	st35	100	1	100	1	100	1	100	1	100	
Storage - Community	st35	100	1	100	1	100	1	100	1	100	
Closet	clos1	25	1	25	1	25	1	25	1	25	Miscellaneous storage.
Evidence Storage - Interior	st6	200	1	200	1	200	1	200	1	200	Interior Climate Controled
Evidence Storage - Exterior	st12	500	1	500	1	500	1	500	1	500	Secure Exterior (no climate control)
Toilet	tlt1	65	2	130	2	130	2	130	2	130	Single-use toilet rooms. Distributed from locker area.
TOTAL PERSONNEL			27		40		52		59		
SUBTOTAL SPACE REQUIRED				4,723		5,119		5,581		5,875	
INTERNAL CIRCULATION FACTOR		35%		1,653		1,792		1,953		2,056	
TOTAL DEPARTMENT NET SPACE REQ'D				**6,376**		**6,911**		**7,534**		**7,931**	
APPARATUS BAY											
Apparatus Bay	app80	1440	1	1,440	1	1,440	1	1,440	1	1,440	Fire Engine /
Apparatus Bay	app80	1440	1	1,440	1	1,440	1	1,440	1	1,440	Fire Engine /
Apparatus Bay	app80	1440	1	1,440	1	1,440	1	1,440	1	1,440	Battalion Chief / Rescue
Apparatus Bay	app80	1440	1	1,440	1	1,440	1	1,440	1	1,440	Pumper / Water Tender
Storage - Gear Lockers	gear	4	21	84	33	132	42	168	48	192	in bay
Outside Storage (covered parking)			4		4		4		4		UTV Trailer, Boat Trailer, Investigation Trailer, Brush Truck
SUBTOTAL SPACE REQUIRED				5,844		5,892		5,928		5,952	
INTERNAL CIRCULATION FACTOR		10%		584		589		593		595	
TOTAL DEPARTMENT NET SPACE REQ'D				**6,428**		**6,481**		**6,521**		**6,547**	

SHARED											
Multi-purpose - seat 50 (Fire and Police)	tr6	900	1	900	1	900	1	900	1	900	Serves as training, briefing, and the EOC. Public and secure access. Fire and Police use
Kitchen	kit2	160	1	160	1	160	1	160	1	160	Full Kitchen
Break / Living Room	brk20	500	1	500	1	500	1	500	1	500	Break / Living Room
Physical Training Room	tr4	600	1	600	1	600	1	600	1	600	Four to five pieces of equipment. Open to lockers. Ref Front Royal plan
Locker Area	lkr3	10	14	140	18	180	25	250	30	300	
Staff Toilet Room	tlt1	65	4	260	4	260	4	260	4	260	Single-use toilet rooms.
~Shower in Toilet Room	shw1	35	4	140	4	140	4	140	4	140	Shower in each toilet room above
Laundry	lan1	100	1	100	1	100	1	100	1	100	Residential Laundry W/D with table
Janitor's Closet	jc1	25	1	25	1	25	1	25	1	25	
SUBTOTAL SPACE REQUIRED				2,825		2,865		2,935		2,985	
INTERNAL CIRCULATION FACTOR		35%		989		1,003		1,027		1,045	
TOTAL DEPARTMENT NET SPACE REQ'D				**3,814**		**3,868**		**3,962**		**4,030**	