

721 BACHELOR HOUSING - ENLISTED QUARTERS (PN)

See UFC 4-721-10 for design criteria.

Bachelor Enlisted Quarters (BEQ) refers to apartment style, hotel style, dormitory style living quarters and the open bay barracks for recruits. If messing facilities are attached, use category code numbers 721-11 through 721-40 for the quarters portion as appropriate and category code number 721-45 for the mess hall portion. For detached mess halls, use category group 722.

PLANNING CRITERIA

The BEQ programming requirements are derived from the Bachelor Housing Requirements Determination (BHRD). At Marine Corps installations, use the Facilities Support Requirement (FSR) document, issued annually by HQMC. For broad planning and programming purposes where survey figures are not available, the quarter requirements may be determined by contacting the bachelor housing program management office.

721-11/12/13 PERMANENT PARTY – BACHELOR ENLISTED QUARTERS (NAVY) (PN)

721-11 Permanent Party BEQ E1–E4<4 (E4 with less than 4 years of service)

721-12 Permanent Party BEQ E4>4–E6

721-13 Permanent Party BEQ E7 – E9

Permanent party personnel, shore duty personnel and rotational personnel in homeport are covered under category code numbers 721-11/12/13. See UFC 4-721-10 for design criteria.

The 1+1E module is sized for two E1-E4<4 or one E4>4-E9 personnel. Refer to Table 721-11 for assignment policy. All construction projects will identify maximum occupancy or the number of E1-E4<4 personnel that can occupy the quarters and the intended use capacity. The intended use capacity cannot exceed the number from the BHRD except for rounding purposes. For CONUS, the only basic entry style for the 1+1E module is interior corridor style. CONUS activities with a predominate BQ architectural style of balcony access may request a waiver from the interior corridor style from NAVFACHQ BHPO. For high threat areas OCONUS, consider secure barracks design concepts such as all BEQ rooms facing base interior with single loaded, exterior corridors facing base perimeter.

PLANNING CRITERIA FOR NEW CONSTRUCTION AND RENOVATION FOR 721-11/12/13

1+1E module	<u>3 Stories or less</u>	<u>4 stories or more**</u>
Module *	56.0 m ²	56.0 m ²
Common Area/Circulation/MEC	10.0 m ²	14.0 m ²
Building gross m ² per module	66.0 m ²	70.0 m ²

* The module total allowance of 56.0 m² refers to the sleeping/living rooms, closets, bathroom, compact kitchen, inside module laundry, inside module circulation, and associated mechanical and electrical space inside the module. This does not include circulation outside the module or

MEC space outside the module. All modules must be designed as two bedroom units with two closets located in each bedroom. A bedroom and living room design is prohibited.

** For high-rise construction and elevator. Also applies to special design requirements for historical preservation, etc.

BUILDING COMMON SPACE OUTSIDE OF THE MODULE

The typical shared building common space to be provided for all 1+1E standard plans is very limited and is identified below.

Required Common Spaces

- Interior corridors and stairways
- Mail Room or Mailbox area for each resident (may be located outside the building if in close proximity)
- Building Mechanical/Electrical room and Tele-Communications room
- Elevator (freight-sized for furniture movement)
 - For buildings 3 Stories or less, provide only a concrete pad and removable railing for installation of a portable "lift" for the movement of furniture.
 - For buildings 4 stories or higher, provide elevator using the additional 4 SM per module_area allowance for high-rise construction.
- Wall construction adjustments, masonry vs. stud, etc.

Additional Common Spaces

Some spaces previously provided in the common areas are no longer required because they are mitigated by the new modified layout. For example: laundries are not needed because they are now accommodated in each module. After required spaces listed have been accommodated, vending space and housekeeping/janitorial space may be included in the design only if area is available within the maximum building limit of 66SM per module. This must be identified as early as possible in the planning and design process. Items to be counted as one-half scope include elevators and shafts; stairs and stairwells, enclosed or unenclosed; and vertical chases.

TABLE 721-11
Navy Permanent Bachelor Enlisted Quarters

RANK/RATE	OSD MINIMUM STANDARDS OF ACCEPTABILITY*	PLANNING CRITERIA FOR NEW CONSTRUCTION
E-7 - E-9 (721-13)	Private room and bath. Minimum 25 m ² (270 SF) net living area.	Living room and sleeping room occupied by one person, minimum 14.4 m ² each; plus private bath, service area, approximately 3 net m ² closets per room (total area). Module is 56.0 gross m ² .
E-4>4 - E-6 (721-12)	Private room and a bath shared with not more than one other. Minimum 12.5 m ² (135 SF) net living area.	Living room and sleeping room occupied by one person, minimum 14.4 m ² each; plus private bath, service area, approximately 3 net m ² closets per room (total area). Module is 56.0 gross m ² .

E-1 - E-4<4 (721-11)	Not more than two to a room. Bath not shared with more than four others. Minimum 8.4 m ² (90 SF) net living area.	Two sleeping rooms each occupied by one person; 14.4 net m ² living area/ person, plus bath, service area, approximately 3 net m ² closets per bedroom (total area). Module is 56.0 gross m ² .
-------------------------	--	--

* OSD minimum standards of acceptability apply to billeting management rather than to facility condition for NFADB reporting purposes.

RELATED FACILITIES

BEQs should be collocated with a bachelor housing check-in center. Consideration should also be given to collocating BEQs with single sailor service centers, food service facilities, fitness facilities and other MWR facilities.

PARKING FOR PERMANENT PARTY PERSONNEL

Automobile parking for 70% of the residents must be provided, with handicapped spaces as required by Navy Design Criteria. In addition, provide motorcycle parking spaces and bicycle parking spaces as required in accordance with historical use quantities. Provide visitor parking for 1% of the residents. One car wash area with a water source and an oil separator will also be provided when these type facilities are not available within a reasonable commuting distance.

Note: Some Activities may have unique circumstances that require less parking. In these cases, parking will be based on a parking survey of current residents.

OUTSIDE RECREATION

Provide one full outdoor basketball court per 300 residents if not available within 1/2 km. Similar outdoor recreation facilities can be substituted. Picnic areas and barbecue areas are required for all bachelor quarters. All outdoor recreation used exclusively for bachelor quarters will be accounted under a bachelor quarter category code such as 723 60 Bachelor Housing – Other Detached Buildings or 723 61 Bachelor Housing – Other Detached Facilities.

RENOVATION STANDARDS

Renovation designs may be adjusted to work within reasonable architectural practice but common sense and economics may justify variations. For example, oversized units in existing configurations like the 1983 2+2 style can be cost effective when major work like bathrooms and block walls are left in place. This could happen when a 4-person module is converted to a 2-person module. The renovation, conversion or replacement choices should be considered and addressed briefly on all renovation projects. The minimum bedroom area (14.4 m² or 155 SF) is required and must be provided as clear area. This takes precedence over existing structural features. Freestanding columns are not allowed to interfere with a functional area. All required features of the 1+1E module must be provided at a minimum. (Example: 2 medicine cabinets, 2 burner cook top.) A shower may be provided in place of a tub/shower.

REPAIR STANDARDS

Repair work may be limited to original standards used for the existing buildings.

721-14 CLASS 'A' STUDENT DORMITORIES (NAVY) (PN)

'A' school students are housed in the 2+2 module. See UFC 4-721-10 for design criteria. The 2+2 module is sized for four E1-E4<4 (E4 with less than 4 years of service), two E4>4 -E6 personnel or one E7-9 personnel. There are two basic entry styles for the 2+2 style hotels, exterior corridor style and interior corridor style. All construction projects will identify maximum occupancy or the number of E1-E4<4 personnel that can occupy the quarters and the intended use capacity. The intended use capacity cannot exceed the number from the BHRD except for rounding purposes.

PLANNING CRITERIA FOR NEW CONSTRUCTION FOR 721-14

2+2 module	<u>3 Stories or less</u>	<u>4 stories or more**</u>
Module *	66.0 m ²	66.0 m ²
Common Area /Circulation/MEC	13.0 m ²	17.0 m ²
Building gross m ² per module	79.0 m ²	83.0 m ²

* The module total allowance of 66.0 m² refers to two bedrooms (minimum 16.7 m² each), with a shared bath, 4 closets (minimum 2 m² each), inside module circulation, space for a refrigerator with microwave oven on top and associated mechanical and electrical space inside the module. This does not include circulation outside the module or MEC space outside the module.

** For high-rise construction and elevator. Also applies to special design requirements for historical preservation, etc.

BUILDING COMMON SPACE OUTSIDE OF THE MODULE

For each project, all common spaces must be individually scoped and justified from the list below. Items to be counted as one-half scope include elevators and shafts; stairs and stairwells, enclosed or unenclosed; and vertical chases.

- Office Areas: Admin/Reception (9.3 m² typical), Master at Arms (9.3 m² typical)
- Communal Areas: Vestibule, lobby, large screen TV lounge, vending room, gang kitchen, gang laundry, public telephone alcove, public toilets, resident bulk storage
- Corridor circulation, mechanical/electrical rooms (5-10% of gross building size), janitor closets (each floor), housekeeping/linen, utility storage room
- Elevator (freight-sized for furniture movement)
 - For buildings 3 Stories or less, provide only a concrete pad and removable railing for installation of a portable "lift" for the movement of furniture.
 - For buildings 4 stories or higher, provide elevator using the additional 4 SM per module area allowance for high-rise construction.

PARKING

Automobile parking for 45% of the residents at Navy 'A' Schools and at USMC School of Infantry must be provided. In addition, provide motorcycle parking spaces and bicycle parking spaces as required in accordance with historical use quantities. Provide visitor parking for 1% of the residents.

721-15 RECRUIT BARRACKS (PN)

Open bay designs will be constructed only for recruits, receiving barracks, and USMC School of Infantry. Recruit quarters are open bay, central head facilities with net living area sized as one equal share of the open bay sleeping area. Typical sizes are 60 people per bay. See UFC 4-721-10 for design criteria.

PLANNING CRITERIA FOR NEW CONSTRUCTION FOR 721-15

Open Bay

Sleeping Area	6.7 m ²
Common Area /Circulation/MEC	6.3 m ²
Building gross m ² per module	13.0 m ²

TABLE 721-15
Recruit Barracks

RANK/RATE	OSD MINIMUM STANDARDS OF ACCEPTABILITY*	PLANNING CRITERIA FOR NEW CONSTRUCTION
Recruit & Receiving Barracks, and USMC School of Infantry	Open bay; central bath. Minimum 6.7 net m ² (72 SF) net living area per person.	Open bay with individual armories in lieu of closets; central bath. Minimum 6.7 net m ² (72 SF) net sleeping area.

BUILDING COMMON SPACE OUTSIDE OF THE MODULE

For each project, all shared spaces must be individually scoped and justified from the list below. Elevators will not be provided. Items to be counted as one-half scope include stairs and stairwells, enclosed or unenclosed; and vertical chases.

- Office Areas: Admin/Reception (9.3 m² typical), Master at Arms (9.3 m² typical)
- Communal Areas: Vestibule, lobby, large screen TV lounge, vending room, gang kitchen, gang laundry, public telephone alcove, public toilets, resident bulk storage
- Corridor circulation, mechanical/electrical rooms (5-10% of gross building size), janitor closets (each floor), housekeeping/linen, utility storage room

PARKING FOR RECRUITS AND USMC SCHOOL OF INFANTRY

Resident parking at USMC and Navy recruit barracks is not required. Provide 1% visitor parking at USMC and Navy recruit barracks, however handicapped spaces are not required.

721-17 OFFICER CANDIDATE SCHOOL (OCS) QUARTERS (PN)

Refer to Category Code 721-15 for planning criteria. This category code is for inventory purposes and has no separate criteria.

721-18 NAVAL ACADEMY PREPARATORY SCHOOL (NAPS) QUARTERS (PN)

Refer to Category Codes 721-21/22/23 for planning criteria. This category code is for inventory purposes and has no separate criteria.

721-19 BROADENED OPPORTUNITY FOR OFFICER ELECTION TRAINING (BOOST) QUARTERS (PN)

Refer to Category code 721-11/12/13 for planning criteria. This category code is for inventory purposes and has no separate criteria.

721-21/22/23 TRANSIENT PARTY - BACHELOR ENLISTED QUARTERS (NAVY) (PN)

721-21 Transient Party BEQ E1–E3
721-22 Transient Party BEQ E4–E6
721-23 Transient Party BEQ E7 – E9

Deployed rotational units, ships crews in a commissioning, decommissioning or overhauling status, students attending school less than 20 weeks, reserves on active duty training, (ACTDUTRA) and TDY personnel are covered under category code numbers 721-21/22/23. See UFC 4-721-10 for design criteria.

The 2+0 module consists of one bedroom with a bath and is sized for two E1- E3 or one E4-E9 personnel. Refer to Table 721-21. There are two basic entry styles for the 2+0 style hotels; exterior corridor style and interior corridor style. All construction projects will identify maximum occupancy or the number of E1-E3 personnel that can occupy the quarters and the intended use capacity. The intended use capacity cannot exceed the number from the BHRD except for rounding purposes.

PLANNING CRITERIA FOR NEW CONSTRUCTION FOR 721-21/22/23

Navy 2+0 module	<u>3 Stories or less</u>	<u>4 stories or more**</u>
Module *	35.5 m ²	35.5 m ²
Common Area /Circulation/MEC	12.5 m ²	14.5 m ²
Building gross m ² per module	48.0 m ²	50.0 m ²

* The module total allowance of 35.5 m² refers to the sleeping quarters, closets, bathroom, compact kitchen, inside module circulation, and associated mechanical and electrical space inside the module. This does not include circulation outside the module or MEC space outside the module.

** For high-rise construction and elevator. Also applies to special design requirements for historical preservation, etc.

BUILDING COMMON SPACE OUTSIDE OF THE MODULE

The typical shared common space to be provided for all 2+0 standard plans is shown below. Items to be counted as one-half scope include elevators and shafts; stairs and stairwells, enclosed or unenclosed; and vertical chases.

Required Common Spaces

- Corridors and stairways
- Laundry
- Mail Room or Mailbox area for each resident (may be located outside the building if in close proximity)
- Housekeeping each floor
- Building Mechanical/Electrical room and Tele-Communications room
- Elevator (freight-sized for furniture movement)
 - For buildings 3 Stories or less, provide only a concrete pad and removable railing for installation of a portable "lift" for the movement of furniture.
 - For buildings 4 stories or higher, provide elevator using the additional 2 SM area allowance for high-rise construction.
- Wall construction adjustments, masonry vs. stud, etc.

Optional Common Spaces

- Vestibule, Administration area, Reception/Check-in (9.3 m² typical)
- Multi-purpose spaces: lounge, meeting room, conference room, classroom, library, computer room, game room, VCR/tape rentals closet, fitness room, vending area, public telephone alcove, public toilets, exterior lockers

TABLE 721-21
Navy Transient Bachelor Enlisted Quarters

RANK/RATE	OSD MINIMUM STANDARDS OF ACCEPTABILITY*	PLANNING CRITERIA FOR NEW CONSTRUCTION
E7 - E9 (721-23)	Private room. Bath shared with not more than one other. Minimum 23.2 m ² (250 SF) net	Private room and bath; plus service area; 2 closets, minimum 2 net m ² each.
E4 - E6 (721-22)	Private room and a bath shared with not more than one other.	Private room and bath; plus service area; 2 closets, minimum 2 net m ² each.
E1 - E3 (721-21)	Not more than four to a room. Shared bath. Minimum 8.4 m ² (90 SF) net living area.	Private room and bath occupied by two persons; 8.875 net m ² sleeping/ living area plus shared bath, two closets minimum 2 net m ² each, and service area. Module is 35.3 gross m ² .

* OSD minimum standards of acceptability apply to billeting management rather than to facility condition for NFADB reporting purposes.

PARKING FOR TRANSIENT PARTY

Automobile parking for 70% of the residents must be provided with visitor parking for 1% of the residents with handicapped spaces as required by Navy Design Criteria. In addition, provide motorcycle parking spaces and bicycle parking spaces, as required, in accordance with historical use quantities.

Note: Some overseas or CONUS Activities may have unique circumstances that require less parking. In these cases, parking will be based on a parking survey of current residents.