

APPENDIX C

Sample Documents to Support Preliminary Planning

C-1. Base Camp Standards. JP 3-34 establishes the general standards and allowances for base camps, based on anticipated camp life span. The types of standards are as listed in Figure C-1.

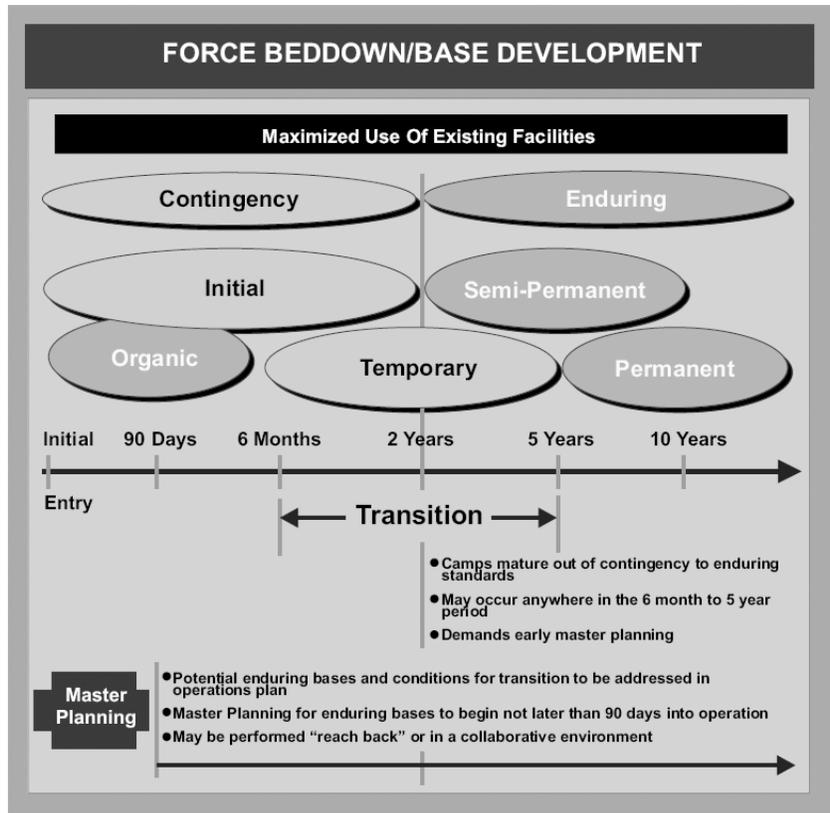


Figure C-1. Force beddown/base development standards

C-2. Base Camp Allowances. Based on the selected standard for the base camp, JP 3-34 provides for certain general allowances and facility construction standards, as shown in Table C-1, pages C-2 and C-3. These may be modified, based on the theater guidance documents, unit and operational requirements, and the commander's intent.

Table C-1. Contingency construction standards in theater

Contingency Construction Standards in Theater			
Organic Standards			
<ul style="list-style-type: none"> • Support on expedient basis with no external engineer support. • Uses unit organic equipment and systems and/or HN resources. • Mission duration typically 1-90 days. • Provides for initial force presence and maneuver activities until force flow supports arrival of engineer resources. 			
Initial Standards			
<ul style="list-style-type: none"> • Characterized by austere facilities requiring minimal engineer effort. • Intended for immediate operational use by units upon arrival for a limited time ranging up to 6 months. • May require replacement by more substantial or durable facilities during the course of operations. 			
Temporary Standards			
<ul style="list-style-type: none"> • Characterized by austere facilities requiring additional engineer effort above that required for initial standard facilities. • Intended to increase efficiency of operations for use up to 24 months. • Provides for sustained operations. • Replaces initial standard in some cases where mission requirements dictate. The temporary standard may be used initially if so directed by the CCDR. 			
Types of Construction	Organic	Initial	Temporary
Site Work	Minimal to no site work; maximized use of existing facilities	Clearing and grading for facilities including drainage; revetments of POL, ammo storage, and airfield parking; aggregate for heavily used hardstands; and soil stabilization	Engineered site preparation, including paved surfaces for vehicle traffic areas and aircraft parking, building foundations, and concrete floor slabs
Troop Housing	Unit tents	Tents (may have wood frames and flooring)	Wood frame structures, relocateable structures and modular building systems
Electricity	Unit tactical generators	Tactical generators: high and low voltage distribution	Nontactical or commercial power and high or low voltage

Table C-1. Contingency construction standards in theater

Contingency Construction Standards in Theater			
Water	Water points and bladders	Water points, wells, and/or potable water production and pressurized water distribution systems	Limited pressurized water distribution systems that support hospitals, dining halls, fire fighting, and other major use
Cold Storage	Contracted or unit purchased	Portable refrigeration with freezer units for medical, food, and maintenance storage	Refrigeration installed in temporary structures
Sanitation	Unit field sanitation kits and pit latrines	Organic equipment, evaporative ponds, pits or burnout latrines, lagoons for hospitals, and sewage lift stations	Waterborne to austere treatment facilities—priorities are hospitals, dining halls, bathhouses, decontamination sites, and other high volume users
Airfield Pavements*		Tactical surfacing, including matting, aggregate, soil stabilization, and concrete pads	Conventional pavements
Fuel Storage	Bladders	Bladders	Bladders and steel tanks
*The type of airfield surfacing to be used will be based on soil conditions and the expected weight and number of aircraft involved in operations.			

C-3. Facility Requirements Factors. The types and amount of facilities required in the base camp will be driven by several factors, as outlined in Chapters 1 and 4. Some of these factors are listed in Figure C-2.

Facility Requirements Factors
<ul style="list-style-type: none">• Mission and operational objectives• Total force structure to be supported• Expected duration of force deployment• Types of equipment to be employed• Number of days of supply to be stocked in the operational area• Standards of construction• Operational area medical policy• Operational area climatic conditions• Time-phasing of force deployment• Force protection (for example, AT/FP standoff distances)• Hazardous material management and waste disposal• Proximity to lines of communications• Utility requirements• Availability and suitability of existing HN infrastructure• Real property factors• Environmental restrictions• Cultural and historic sites and sensitive natural resources• Safety requirements (for example, explosive safety distances, airfield clearance, fire prevention)

Figure C-2. Facility requirements factors