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APPENDIX H - Assumptions

GENERAL ASSUMPTIONS:

- Requirements are based on the FY2002 Army Stationing and Installation Plan (ASIP) for FY2007, with unaccompanied factors based on DoD Eligibility and Enrollment Reporting System DEERS data (single without dependents) as of June 2001. Requirements will be updated annually in the POM updates. Unaccompanied rates are installation averages. Individual units may experience significantly different rates.
- Single soldiers in grades E-1 to E-5 reported living off-post in the U.S. by the Office of Economic Manpower and Analysis (OEMA) are adequately housed, and that the number in the autumn of 1997 is a reasonable projection for the future. Off-post data was derived from Defense Finance and Accounting Service (DFAS) records.
- The basic planning element is the battalion. UEPH barracks will be grouped to foster unit cohesion at the battalion level and to provide for a comprehensive brigade community.
- The comprehensive brigade community concept will necessitate the review of the installation master plan in terms of the whole barracks renewal program and revitalization potential of existing barracks

buildings and complexes ADA Compliance

- UEPH barracks are designed for use by able-bodied soldiers only; therefore, barracks and COFs will not be designed for the physically handicapped. Headquarters buildings and DFACs need to meet physically handicapped requirements to accommodate civilian staff and visitor.

U.S. Guidance and Assumptions

- Program for 50% of the E6 requirement.
- The permanent party requirement includes soldiers attending advanced skills training (AST) on permanent change of station orders.
- There is no programming for installations with a requirement of less than 100 spaces for permanent party soldiers
- Where barracks are replaced or constructed under the MCA-funded WBRP, DFAC, COFs, and battalion and brigade headquarters may be provided as required by the ASIP.
- Except for special situations documented in the Barracks

Assessment, additional facilities will not be programmed in association with barracks that are not replaced or new construction.

- Barracks with gang latrines must be upgraded or replaced with MCA funds. There will be exceptions for certain historic barracks which can be renovated with BUP OMA.

Europe Guidance and Assumptions

- Repair gang latrine barracks with OMA (BUP) where building systems are failed or failing. Repair gang latrine barracks with MCA only where BUP repair funds cannot be used.
- "1-2-3" type barracks are equivalent to VOLAR type barracks in other regions.
- Company administrative facilities may be upgraded when part of a barracks building, or may be included in new construction projects.
- All unaccompanied Privates to Staff Sergeants are housed in barracks.
- Soldiers on "All Others" Tours, as defined in AR 210-50, p. 157, will be programmed for barracks when HQ,USAREUR provides validation of requirement by location and grade.

Korea Guidance and Assumptions:

- Renovate or construct to a modified 2+2 standard, including SCBs.

Company Operations Facilities, Battalion and Brigade headquarters, associated utilities may be included on a case-by-case basis. Requirements are based on the ASIP for Privates through Command Sergeants Major, less existing or programmed Family Housing inventory for Enlisted Personnel.

Original Barracks Assessment Survey Assumptions (1998-1999):

To provide feasible solutions to installations barracks requirements, the following assumptions were made:

- Use The Army's WBRP and BUP design standards in generating cost estimates. Headquarters, USACE provided the design standards.
- Renovate gang latrine barracks that have potential for greater cost savings. Approach involved minimizing the relocation of interior walls during renovation.
- Provide cost estimates for building systems renovations for barracks that have had rooms, but not building systems, renovated.
- Displaced admin functions in renovated barracks will be replaced with new construction. Location of these admin facilities will be such that unit cohesion within the battalion level is maintained.

- Soldier Community Building functions will be provided for in renovated barracks, based on the WBRP criteria. This eliminates the need to construct SCB buildings for renovation projects.
- Assume 2+2 barracks will eventually be assigned as 1+1 for programming purposes.
- Use installation design guides for exterior finishes.
- Use the 'barracks complex' approach in developing solutions to barracks requirements.
- No space requirements will be programmed for Reserve Unit Annual Training.
- Develop parametric cost estimates for both new construction and renovation for each solution sets. Use July 2000 as mid-point of construction.
- Use The Army's newest space requirement information, in developing solution sets for barracks requirements. Update annually as RPLAN data is issued.
- All pre-1978 buildings are assumed to have lead-based paint, and removal costs are included in the renovation cost estimates.

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