



SITE PLAN - "L-SCHEME"

SITE DESIGN

Introduction

- The site plans shown on sheets V-14 and V-15 are designed for a 96-unit VOQ with 48 Short Term living units, and 48 Long Term living units. Other living unit requirements will affect this design and will alter the parking layout, acreage, and building configuration.
- This design is only illustrative and may be altered to better accommodate the needs of the installation.
- Site design criteria are stated in detail in TM 5-803-5, Installation Design.

Site development objectives:

- Reinforce the architectural and landscaping themes as set forth in the appropriate Installation Design Guide.
- Must conform to the approved installation master plan.
- Provide attractive and convenient surroundings.
- Retain the natural character of the site. Existing features such as ground forms, rock outcroppings, significant tree groups and masses, etc. will be retained when possible.
- Avoid excessive grading.
- Consider energy-conserving orientation.
- Screen views of unattractive features.
- Population density controlled to avoid "over-crowding".
- Provide for drainage of water away from the structure.

Site Circulation:

- Separate vehicular and pedestrian circulation will be provided to the maximum extent feasible. However, ready access must be provided for fire fighting equipment, removal of trash and garbage, and other essential services.
- An efficient pedestrian circulation will be provided between the VOQ building(s), parking areas, and other functionally related facilities, both on the site and adjacent to the site.
- Provide the minimum amount of sidewalks and paving to meet the functional needs.

Parking:

- One parking space per resident.
- Required staff, maintenance, and visitor parking as determined by the needs of the installation.
- Handicapped parking for visitors as recommended on sheet V-26.
- An analysis of existing adjacent parking lots may be performed to determine to what extent existing parking can satisfy the total parking requirement for the VOQ.
- Excessive walking distances between parking areas and VOQ buildings will be avoided.
- Arrange parking to avoid direct vehicular access to entry.
- Locate parking convenient to building entries.
- In the "L-scheme", parking must be located on the 'outside' of the 'L'. This locates the parking near to the major entrances which must be located on this side of the 'L', and also allows the 'inside' area of the 'L' to be developed into an outdoor commons area.
- For efficiency, parking should be organized using 90 degree stalls.
 - Parking stall dimensions should not exceed 9' by 16' where a vehicle overhang occurs, and 9' by 18' where no overhang occurs, unless dictated otherwise by more current criteria.
 - Aisles and access lanes will be 24 feet wide.

Symbol	Description	Date	Approved

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U. S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS TULSA, OKLAHOMA			
FACILITIES STANDARDIZATION PROGRAM VISITING OFFICER QUARTERS SITE PLAN - "L-SCHEME"			
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