

Headquarters
U.S. Army Armor Center and Fort Knox
Fort Knox, KY 40121-5000
22 July 1999

*Fort Knox Reg 420-6

Facilities Engineering

CONSTRUCTION AND MAINTENANCE OF MISCELLANEOUS STRUCTURES

Summary. This regulation prescribes policies and procedures governing the construction and maintenance of miscellaneous structures and the installation of digital satellite systems.

Applicability. This regulation applies to all uniformed personnel assigned to or supported by the U.S. Army Armor Center and Fort Knox (USAARMC).

Suggested Improvements. The proponent of this regulation is the Directorate of Base Operations Support (DBOS). Users are invited to send comments and suggested improvements on DA Form 2028 (Recommended Changes to Publications and Blank Forms) through channels to Commander, USAARMC and Fort Knox, ATTN: ATZK-OS, Fort Knox, KY 40121-5000.

1. **Purpose.** To establish the policy and procedures governing the construction and maintenance of miscellaneous structures and digital satellite systems on this installation. Installation is restricted to 18" satellite dish systems.

2. **Objective.** To prescribe the type, design, and maintenance requirements for miscellaneous or temporary structures on this installation, thereby assuring a uniform and orderly appearance.

3. **Policies.**

a. The building, installation, and reinstallation of miscellaneous or temporary structures and digital satellite systems must be approved by this headquarters. Structures must fulfill a definite need before approval will be given for construction.

b. Request for approval for construction of miscellaneous structures and fences and the installation of digital satellite systems will be submitted by the activity, organization, or resident of quarters to the Directorate of Base Operations Support (DBOS) Work Reception Desk, Bldg. 1110-B (in the basement) , on DA Form 4283, Facilities Engineering Work Request, in four copies. DA Form 4283 will include complete justification and proposed location with a proposed drawing of structure.

*This regulation supersedes USAARMC Reg 420-6, 21 Oct 94.

4. Authorized Structures. Plans for miscellaneous or temporary-type structures of standard design are available at the DBOS. Erection of approved structures by residents of quarters will be accomplished at no cost to the government. Residents must remove structures or digital satellite systems prior to vacating quarters. Under no circumstances will any agreement be made for the sale or monetary transfer of any type structure to the new resident.

5. Unauthorized structures. The construction of lean-tos, garages, porch enclosures, tree houses, or other similar structures is prohibited. Ornamental devices and window air conditioner supports will not be permanently attached to the exterior surface of family quarters.

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Appendix A
Authorized Structures

1. Fences.

a. Quarters. All requests for installation of fences are subject to approval through DBOS. All requests will be submitted on a DA Form 4283 in four copies; a sketch of the type and location will accompany the request. (Complete instructions on page A-2 of this Appendix.)

(1) All fences will be located in the rear or, in some approved cases, to the side of end units as long as the fence does not go beyond the front of an adjoining building. Fences will not enclose any part of community property such as sidewalks, clotheslines, etc.

(2) There will be no fences constructed in front of family housing quarters except decorative fences around flower beds. Landscaping materials 6" – 8" high are authorized around flower beds next to the buildings.

(3) There will be no fences constructed utilizing string, rope, single strands of wire, or engineer tape.

b. Authorized.

(1) Picket type. Wood picket fences will conform to Engineer Drawings F-11123 (Figure 1), be constructed by 1x2 inch wood pickets spaced 2 inches apart and will be 4 feet in height. Pickets will have rounded tops with a diameter equal to the picket width. There will be no pointed tops. Wood picket fences will be painted with two coats of "exterior" paint, either "white" or natural wood color, or a color matching exterior trim on quarters.

(2) Lawn type. Lawn or wire fences will conform to Engineer Drawing F-11123 (Figure 2). Lawn type or wire fences will be 4 feet in height. Round wood posts or wooden posts made of 4x4 inch material will be used. Posts will be placed in the ground at least every 10 feet. Lawn type or wire fences will be maintained in a manner to prevent rust.

(3) Chain link type. Chain link fences will conform to Engineer Drawing F-11123 (Figure 3), and will be 4 feet in height. Commercial type metal round posts or wooden posts made of 4x4 inch material will be used. Posts will be placed in the ground at least every 10 feet. Posts should be placed 10 feet on center.

(4) Dog runs. Dog runs will conform to Engineer Drawing F-11123 (Figure 4). Dog runs must be portable, must be moved often enough to prevent damage to the lawn, will not come in contact with or be connected to exterior siding on the quarters, and will not exceed 10x10x6 feet in height.

(5) Lattice screens. Lattice type screening is authorized for front porch areas and will not enclose entire front porch. Lattice trim must be painted "white," natural wood, or match the exterior trim on the quarters. Permits for lattice screening must be applied for in the same manner as fencing.

(6) Prichard Place. Chain link type fences are the only types of fencing authorized. Chain link fences will conform to Engineer Drawing F-11123, and will be 4 feet in height. Commercial type metal round posts will be used. Posts will be placed in the ground at least every 10 feet. Posts shall be placed 10 feet on center. All fences will be located in the rear or, in some approved cases, to the side of the quarters as long as the fence does not go beyond the front of the quarters. Fences will not enclose any part of community property such as sidewalks, etc.

c. Procedure. To get a fence or lattice permit approved, the resident will:

(1) Fill out a work order request, DA Form 4283, at Bldg. No. 1110-B, Work Reception Desk, and have it approved.

(2) Provide a sketch along with the DA Form 4283 showing the exact location and the exact dimensions of the requested fence. See attached sketch for an example (Figure 5).

(3) Fences shall be constructed at no cost to the government and maintained so as to present a neat appearance at all times.

(4) The DBOS Shops will check area for underground utilities. The resident will call 1-800-752-6007 "Before You Dig" (BUD) to verify the location of telephone and television cables.

(5) Any resident with a fence that does not conform to the above specifications will be directed to remove the fence.

(6) Residents will keep a copy of approved DA Form 4283.

(7) Residents will remove all fencing before termination and will restore all grounds area damaged by the presence of the fence.

d. Troop Areas. Fences constructed in troop areas will be uniform, neat, and orderly in appearance. Construction must have prior approval of this headquarters; however, DBOS funds, labor or materials will not be expended to accomplish such construction.

2. Storage Sheds.

a. Family Quarters (excluding Prichard Place). The construction of storage sheds for family quarters will be specifically approved and will conform to current engineering specifications, available with approved request. No deviations from the plans will be authorized.

b. Prichard Place. Sufficient space is provided in the garage and interior areas of the quarters to store personal items. The construction of additional storage areas is prohibited.

3. Dog Houses. Dog houses will be of sturdy construction and located in the back yard of quarters only. Dog houses will be maintained to present a neat appearance. Houses must be painted "white," "natural wood," or a finish that matches the exterior of the quarters.

4. Exterior Bulletin Boards. Bulletin boards will be constructed to conform with Engineer Drawing M-6675. The front will be provided with four doors (two pairs) and the top will have a sloping roof. Existing bulletin boards that are not standard construction will not be replaced.

5. Paint Lockers.

a. Temporary type. Temporary type paint lockers will conform to Engineer Drawing M-6683. They will be constructed of wood (40x40x60 inch) and provided with a lid and hasp.

b. Markings. All paint lockers will be painted nutmeg brown, marked and located in accordance with existing Fort Knox regulations.

c. Paint lockers are not authorized in Family Housing.

6. Digital Satellite Systems.

a. Residents will be allowed to install a DSS subject to the following conditions. NOTE: Many Fort Knox Army Family Housing (AFH) quarters will not have an unobstructed southerly view of the satellite.

(1) For dish mounting:

(a) You may use chimney straps or a single pole, detached from dwelling unit, using the exact procedures defined in the manufacturer's basic installation guide. Exception to this will be those quarters having tile or slate roofs. In these buildings the DBOS will coordinate with the resident when requested.

(b) You may use a triangular antenna tower installed according to supplier specifications for depth in ground and amount of concrete base with respect to height.

(2) The resident will be fully liable for damages to government property resulting from installation, removal, storm damage, etc. Renter's insurance is highly recommended.

(3) Upon termination, residents will restore quarters to their original condition (cable hole in siding or brick will be filled with silicone caulking, cable hole in drywall repaired, etc.).

b. Residents will NOT:

(1) Attach the satellite to any roof or any structure siding (i.e., brick, vinyl, wood, trim, etc.).

(2) Mount the satellite in neighboring yard (i.e., forward of the front building line).

(3) Mount on existing utility poles.

(4) Remove, tamper, change, relocate or in any way distribute the existing TV wiring or connections.

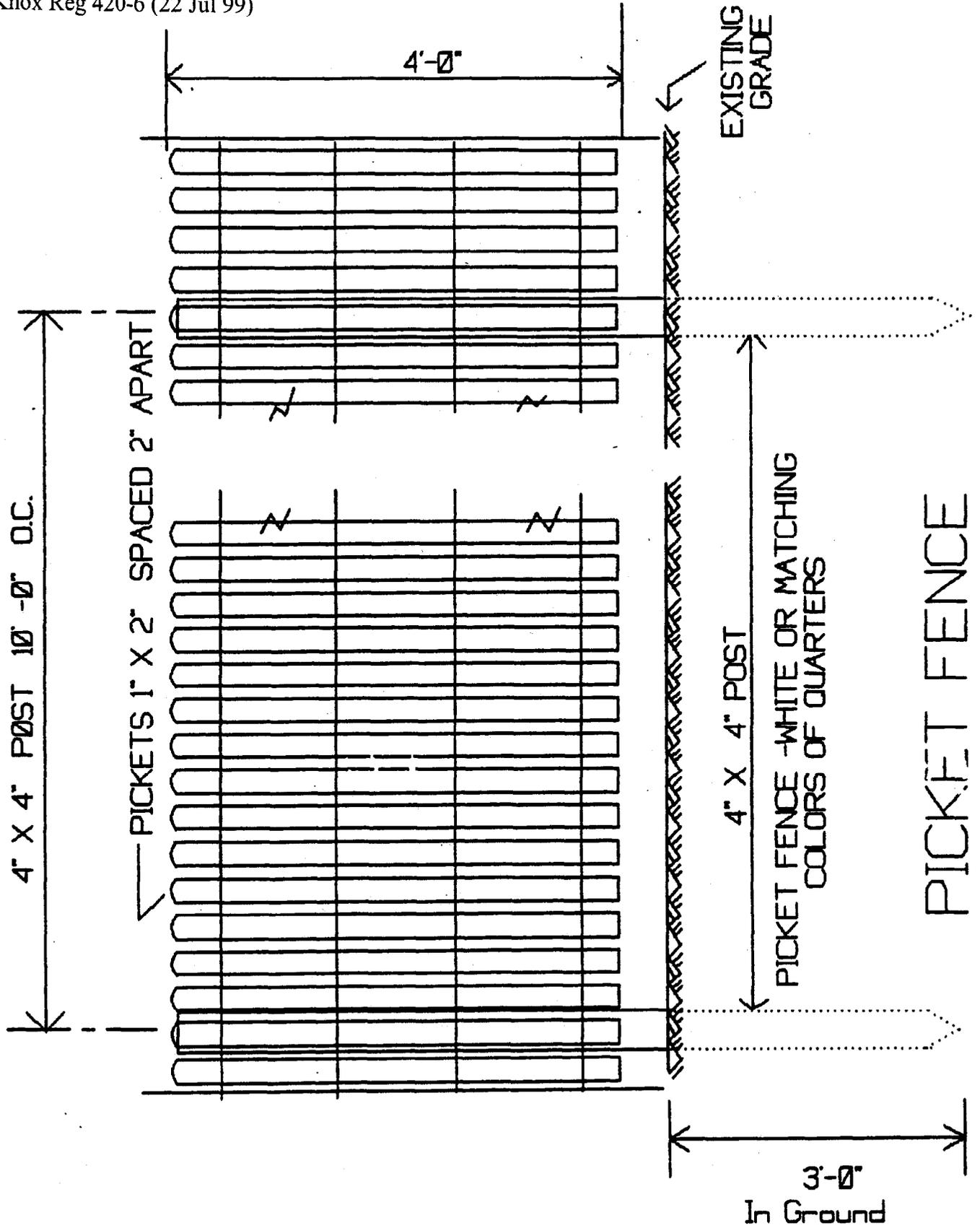
(5) Remove or cut vegetation to accommodate a southerly exposure to the satellite.

c. Procedures.

(1) The resident must initiate a DA Form 4283, Facilities Engineers Engineering Work Request, at Bldg. No. 1110-B, DBOS Work Reception (located in the basement).

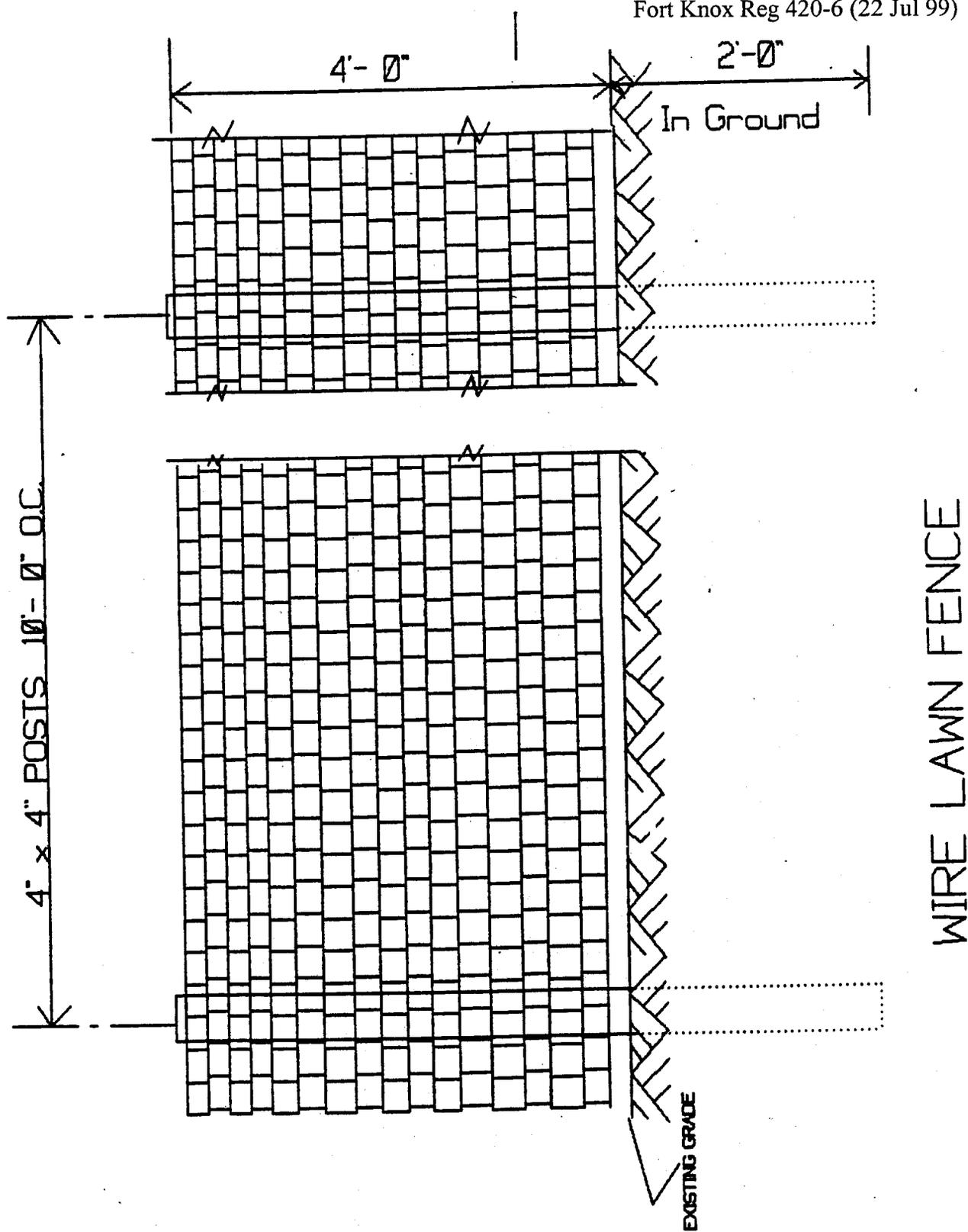
(2) The DBOS Shops will check area for underground utilities. The resident will call 1-800-752-6007 "Before You Dig" (BUD) to verify the location of telephone and television cables.

(3) The DBO Housing Division, Facilities Management Branch, will authorize and inspect installation, as well as inspect removal.



Engineer Drawing F-11123

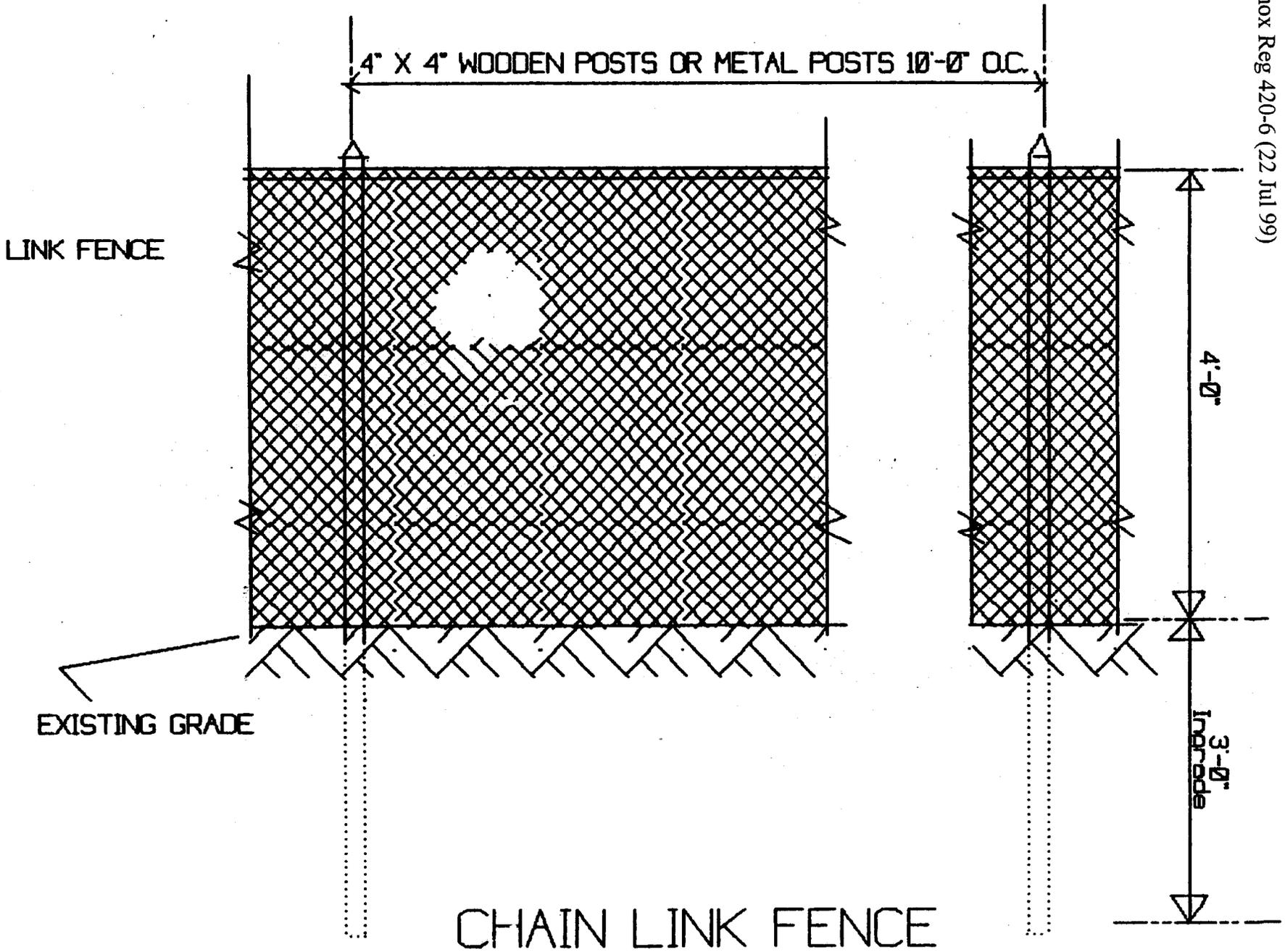
Figure 1. Illustration of Picket Fence



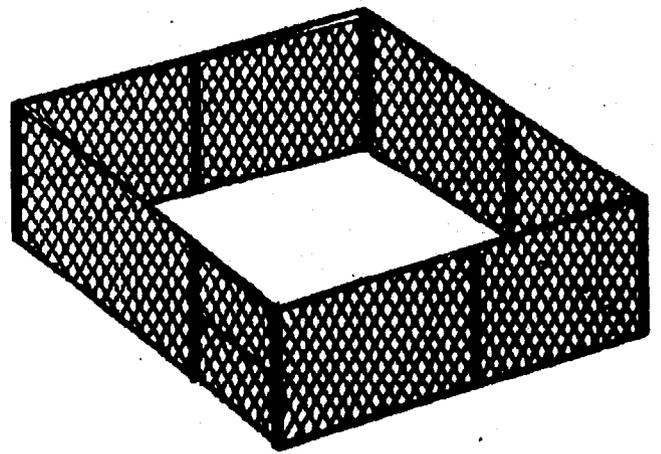
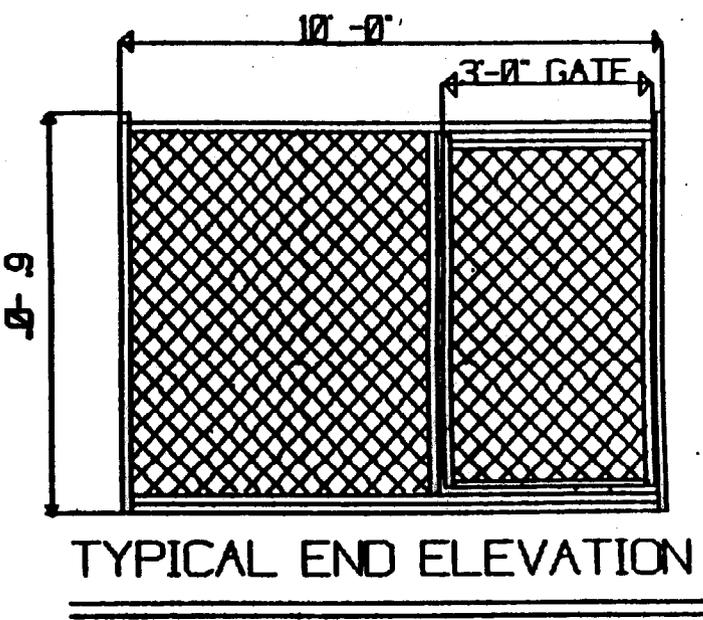
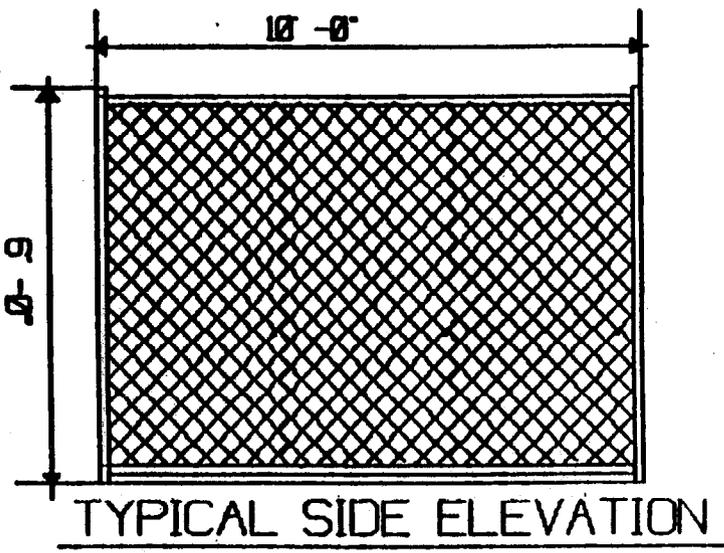
WIRE LAWN FENCE

Engineer Drawing F-11123

Figure 2. Illustration of Wire Lawn Fence



Engineer Drawing F-11123
Figure 3. Illustration of Chain Link Fence



TYPICAL DOG RUN

USARMC Regulation 420-6
 Engineer Drawing F-11123
 Figure 4 Illustration of Dog Run

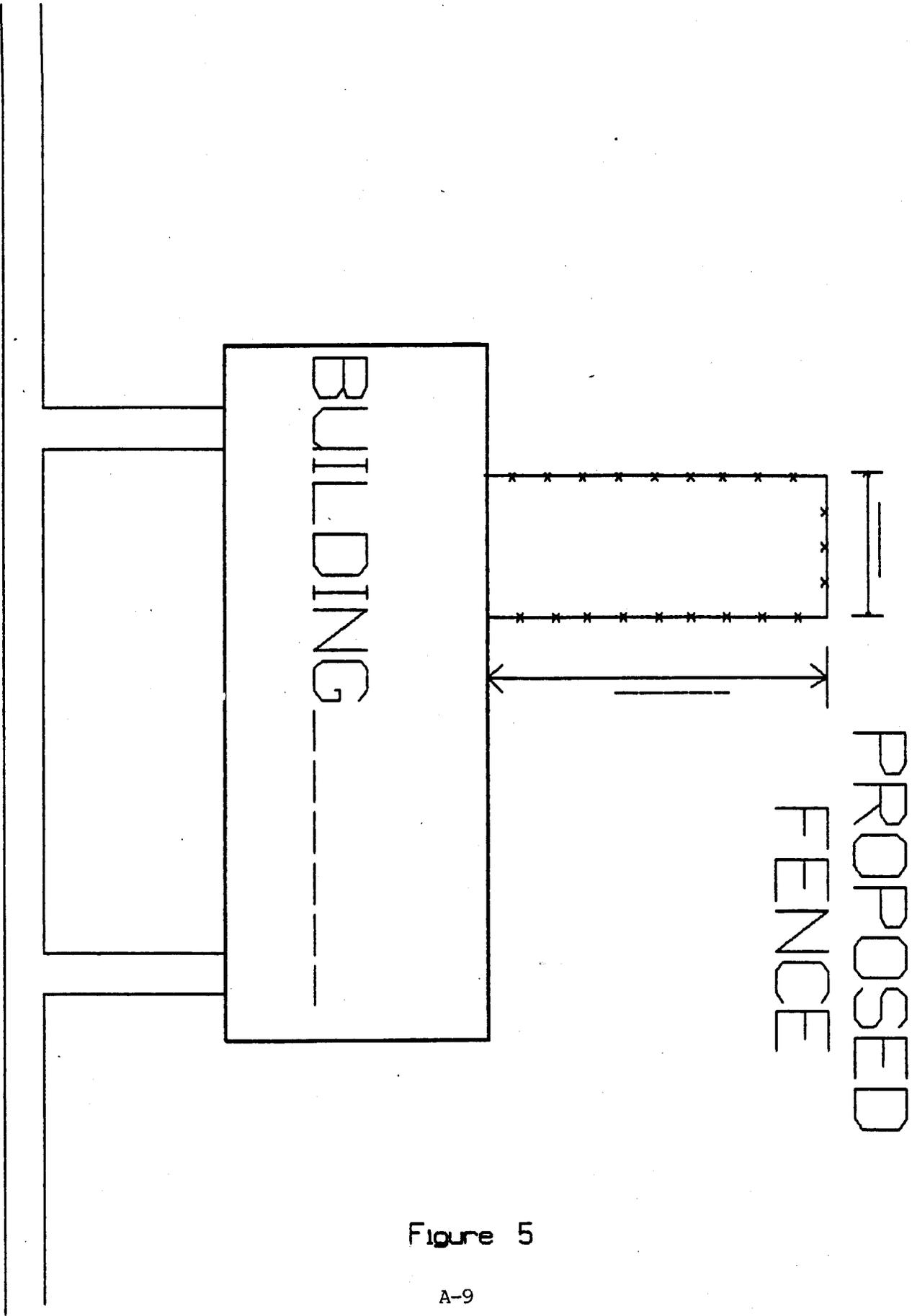


Figure 5