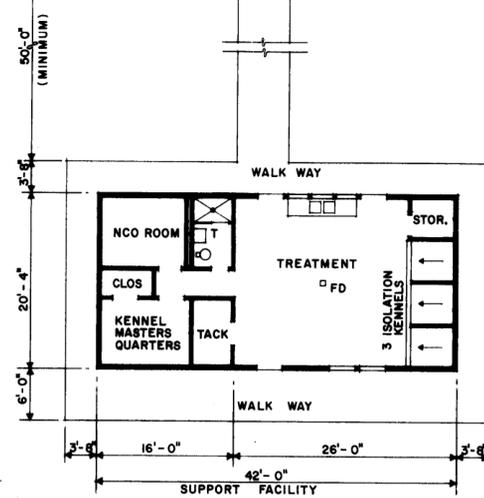
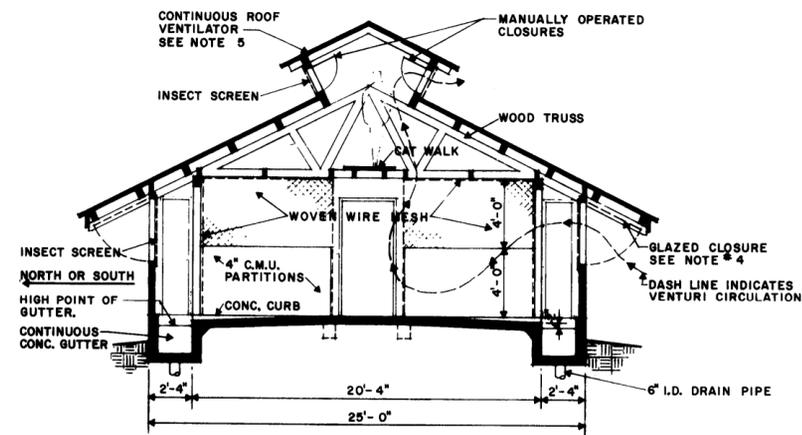


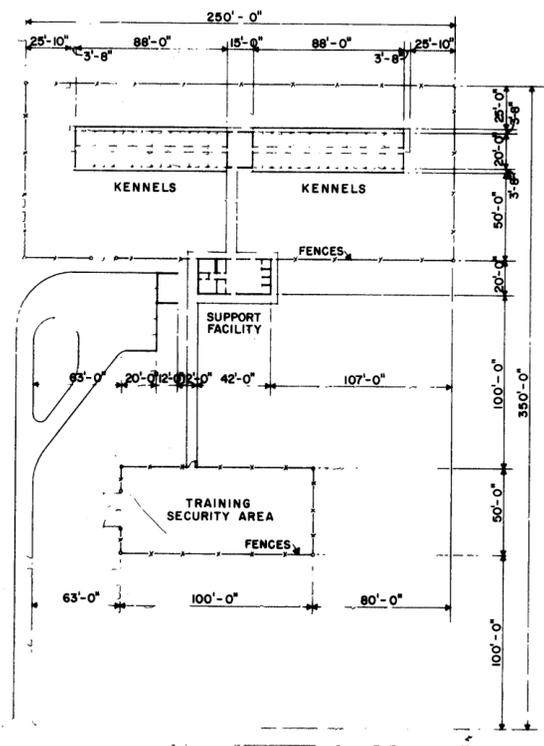
PLAN SHOWING SUGGESTED METHOD WHEN PARTIAL RADIANT HEATING IN SLAB IS USED (SEE NOTE 6)
SCALE: 1/4" = 1'-0"



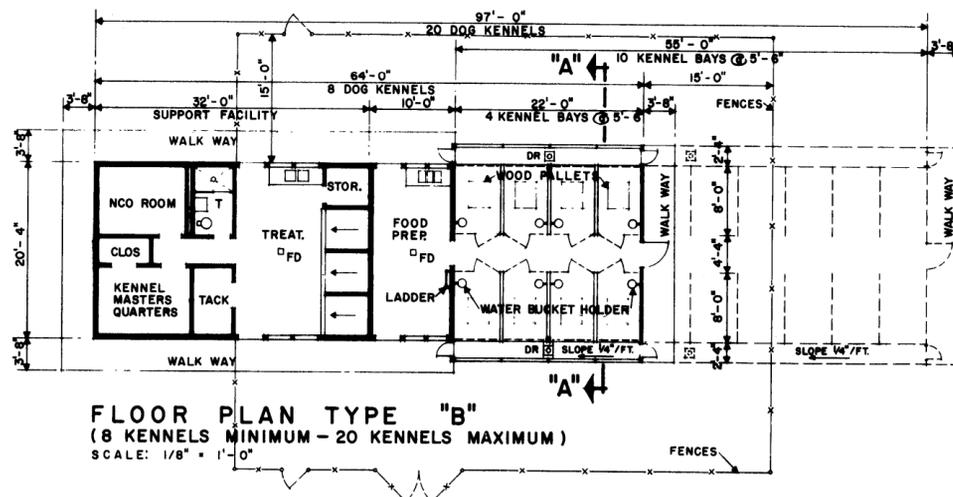
FLOOR PLAN TYPE "A"
(24 KENNELS MINIMUM - 64 KENNELS MAXIMUM)
SCALE: 1/8" = 1'-0"



SECTION "A-A"
SCALE: 1/4" = 1'-0"



SITE PLAN (TYPICAL)
SCALE: 1" = 40'



FLOOR PLAN TYPE "B"
(8 KENNELS MINIMUM - 20 KENNELS MAXIMUM)
SCALE: 1/8" = 1'-0"



UTILITY REQUIREMENTS

ELECTRICITY (KW)	TYPE A (24)	TYPE A (64)	TYPE B (8)	TYPE B (20)
CONNECTED LOAD	30	50	15	25
ESTIMATED DEMAND	20	40	10	15

*NOTE: WHEN ELEC. RADIANT HEAT IS USED, ADD 1-1/2 KW FOR EACH KENNEL PROGRAMMED.

WATER (GPM)	TYPE A (24)	TYPE A (64)	TYPE B (8)	TYPE B (20)
HOT	10	15	5	8
COLD	40	70	20	30

WATER (GPD)	TYPE A (24)	TYPE A (64)	TYPE B (8)	TYPE B (20)
200 FOR SUPPORT FACILITY PLUS	6 PER EACH KENNEL PROGRAMMED			

SEWAGE (GPD)	TYPE A (24)	TYPE A (64)	TYPE B (8)	TYPE B (20)
200 FOR SUPPORT FACILITY PLUS	6 PER EACH KENNEL PROGRAMMED			

AIR CONDITIONING REQUIREMENTS

OUTSIDE DESIGN TEMPERATURE	TYPE A (24)	TYPE A (64)	TYPE B (8)	TYPE B (20)
78°F WB 95°F DB	4	4	2	2
TONS OF REFRIGERATION				

GENERAL NOTES

- LOCATION AND DIMENSIONS OF TRAINING SECURITY AREA, KENNEL BUILDING, NUMBER OF KENNELS, FENCE AND LOADING PAD MAY VARY TO MEET BASE REQUIREMENTS.
- LONG DIMENSION OF KENNEL BUILDING MUST RUN EAST AND WEST SO THAT THE EXTERIOR SIDE OF THE KENNELS WILL FACE NORTH OR SOUTH.
- FLOOR PLANS WILL BE SIMILAR 1:1 ALL CLIMATES.
- FOR COLD CLIMATES, PROVIDE GLAZED CLOSURES FOR ALL EXTERIOR SCREENED AREAS, AND MINIMUM RADIANT HEAT IN SLAB TO PREVENT FREEZING IN KENNELS.
- WHEN GLAZED CLOSURES ARE ADDED, CONTINUOUS ROOF VENTILATOR MAY BE DELETED AND A CIRCULAR METAL ROOF VENTILATOR MAY BE INSTALLED APPROX. 20'-0" O.C. IN LIEU THEREOF. ANY ROOF VENTILATOR USED SHOULD HAVE THE CAPABILITY OF BEING OPENED OR CLOSED MANUALLY.
- ELECTRIC RESISTANCE TYPE HEATING CABLE EMBEDDED IN CONCRETE SLAB IN KENNELS IS SUGGESTED METHOD OF PROVIDING RADIANT HEAT. HEAT SHOULD BE THERMOSTATICALLY CONTROLLED. FULL OR PARTIAL SLAB HEAT MAY BE USED DEPENDING UPON CLIMATIC CONDITIONS. OMIT HEATING ELEMENT WITHIN CORRIDOR AREA.
- PROVIDE HEATING UNITS FOR KENNEL MASTERS' QUARTERS, TREATMENT AREA AND FOOD PREPARATION AREA.
- IN WARM CLIMATES, PROVIDE AIR CONDITIONING IN TREATMENT AND FOOD PREPARATION AREAS. USE SELF CONTAINED WINDOW UNITS OR FLOOR TYPE UNITS.
- ALL AREAS WITHIN BUILDING TO BE PROTECTED WITH INSECT SCREENING.
- MINIMUM FACILITY TO BE PROGRAMMED WILL BE 8 DOG KENNELS, TYPE "B". MAXIMUM FACILITY WILL NOT EXCEED 64 DOG KENNELS, TYPE "A".
- C.M.U. PARTITIONS BETWEEN KENNELS TO HAVE LIQUID GLAZE APPLIED SURFACE. FINISHES IN ALL AREAS ACCESSIBLE TO DOGS MUST TAKE INTO CONSIDERATION THE DAMAGE CAUSED BY SCRATCHING AND THE DESIRABILITY FOR MINIMUM MAINTENANCE AND MAXIMUM SANITATION.
- PROVIDE A 2'-0" x 3'-0" WOOD PALLET IN EACH KENNEL. SUGGESTED CONSTRUCTION TO BE 2 x 4'S @ 5" ON CENTER WITH 2 x 4 CROSS MEMBERS UNDERNEATH.
- PROVIDE A BUCKET HOLDER IN EACH KENNEL.
- PROVIDE A 12' LONG LADDER FOR ACCESS TO CAT WALK.
- ALL SINKS TO BE DEEP, LAUNDRY TYPE, IN FOOD PREPARATION ROOM.
- SECURITY FENCES ARE 8'-0" HIGH, CHAIN LINK, WITH ONE STRAND OF BARBED WIRE.

AREA FOR PROGRAMMING GROSS AREA

	KENNEL BUILDING	SUPPORT FACILITY
TYPE "A" 24 KENNELS	2,025 SQ. FT.	858 SQ. FT.
TYPE "A" 64 KENNELS	4,775 SQ. FT.	858 SQ. FT.
TYPE "B" 8 KENNELS	753 SQ. FT.	650 SQ. FT.
TYPE "B" 20 KENNELS	1,578 SQ. FT.	650 SQ. FT.

CATEGORY CODE NO 610-632

SYMBOL	REVISION - DESCRIPTION	DATE	APPROVED

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
VICTOR B. SECTOR AND ASSOCIATES
ARCHITECTS-ENGINEERS • FALLS CHURCH, VIRGINIA

CANINE KENNELS
PLANS & SECTION

APPROVED: *[Signature]*
FOR CHIEF OF STAFF USAF
SCALE: AS SHOWN
DATE: 7 Apr 1973
SHEET 1 OF 1

AD 39-19-01 R4