SEPTIC TANK LONGITUDINAL SECTION

SCALE: 1/2" = 1' 0"

INLET

6000 GALLON CAPACITY

6' CONCRETE SLAB

GRADE

4" CONCRETE COVER

ACCESS COVER

OUTLET

8' BLOCK

4" INSIDE

x 8'-0" OUTSIDE

6' CONCRETE SLAB

SLOPE TILE 3 IN. / 100 FT.

OVERFILL TO ALLOW FOR SETTLEMENT

BACKFILL (EARTH)

GRAVEL OR BROKEN STONE

JOINT OPENED FROM 1/4" TO 1/2"

LONGITUDINAL SECTION

DRAIN TILE

JOINT COVER

6" TO 12"

2" MINIMUM PIPE 18" REQUIRED

6" MINIMUM

12" TO 36"

CROSS SECTION

DETAIL OF DRAIN TILE AT ABSORPTION FIELD

SCALE: 1/2" = 1' 0"

50 CAMPITES

4 PERSONS PER CAMPSITE

35 GALLONS WATER PER PERSON PER DAY

6000 GALLON SEPTIC TANK REQUIRED MINIMUM

DRAINAGE FIELD SIZE DETERMINED BY PERCOLATION

TEST - SEE AGRICULTURAL INFORMATION BULLETIN "274"

"FARMSTEAD SEWAGE AND REFUSE DISPOSAL"

7000 GALLON/DAY WATER REQUIREMENT

40 GPM PUMP CAPACITY AT 25-45 POUNDS PRESSURE

4 SHOWERS AT 5 GPM X 20

11 BASINS AT 4 GPM X 44

3 URINALS AT 3 GPM X 15

10 WATER CLOSETS AT 3 GPM X 30

TOTAL IN GPM

ASSUME WORST CONDITION OF 4

SHOWERS, 2 BASINS, 1 URINAL, 2

WATER CLOSETS RUNNING AT ONE

TIME OR 40 GPM AT 40 PSI

60 GALLON HOT WATER HEATER REQUIRED

GAS FIRED OR EQUIVALENT

NUMBER OF LATERAL LINES

TO BE DETERMINED BY

PERCOLATION TESTS AND

LOCAL HEALTH AUTHORITIES

PLAN OF ABSORPTION FIELD SYSTEM

NO SCALE