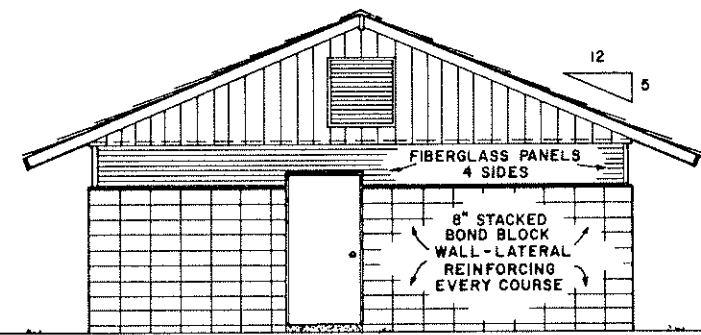
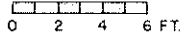
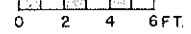


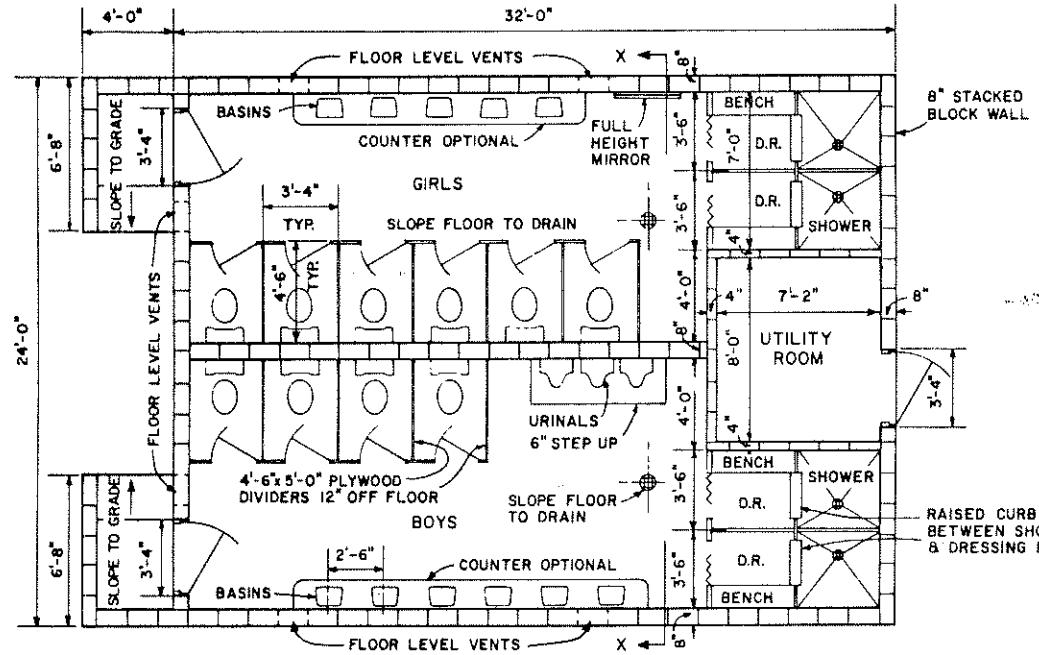
FRONT ELEVATION



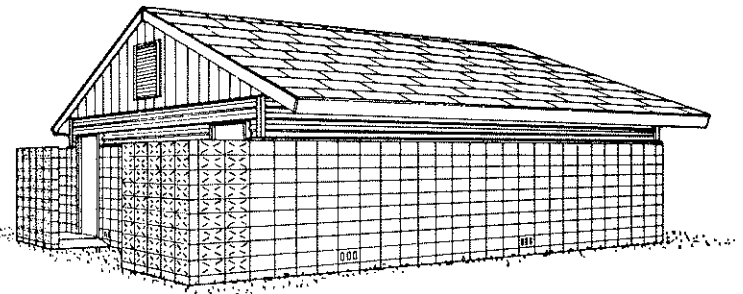
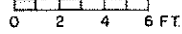
REAR ELEVATION



FINISH
 INTERIOR - FINISH BLOCKS WITH COATING OF EPOXY PAINT
 EXTERIOR - (IF DESIRED) CEMENT WATER PAINT



PLAN



PERSPECTIVE

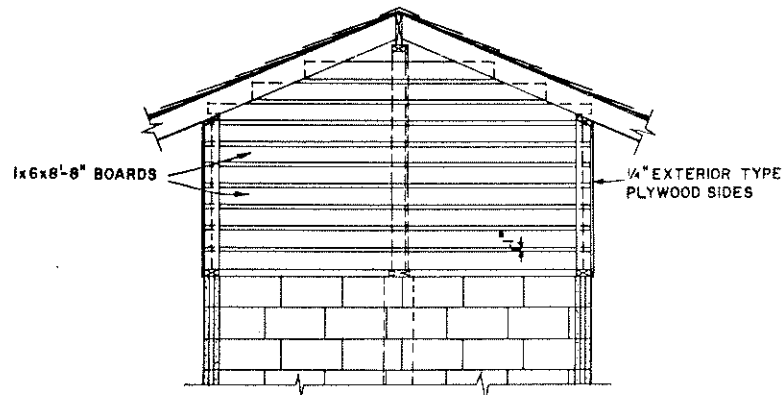
FACILITIES FOR 50 CAMPSITES
 CONSULT STATE AND LOCAL AUTHORITIES
 BEFORE STARTING CONSTRUCTION

COOPERATIVE EXTENSION WORK IN
 AGRICULTURE AND HOME ECONOMICS
 DEPARTMENT OF AGRICULTURAL ENGINEERING
 UNIVERSITY OF MARYLAND
 AND
 UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

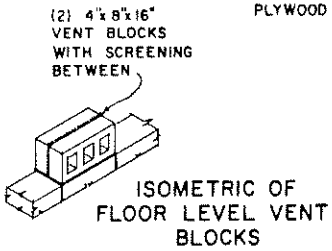
COMFORT STATION

N. J.	'71	6123	SHEET 1 OF 3
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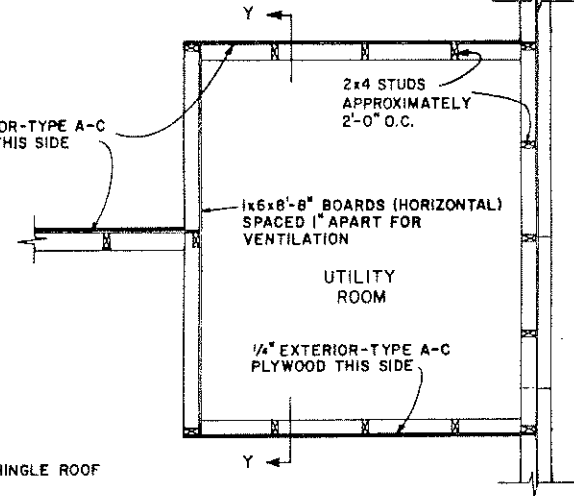
BASED ON: RUTGERS - THE STATE UNIVERSITY
 NEW JERSEY PLAN NO. 149



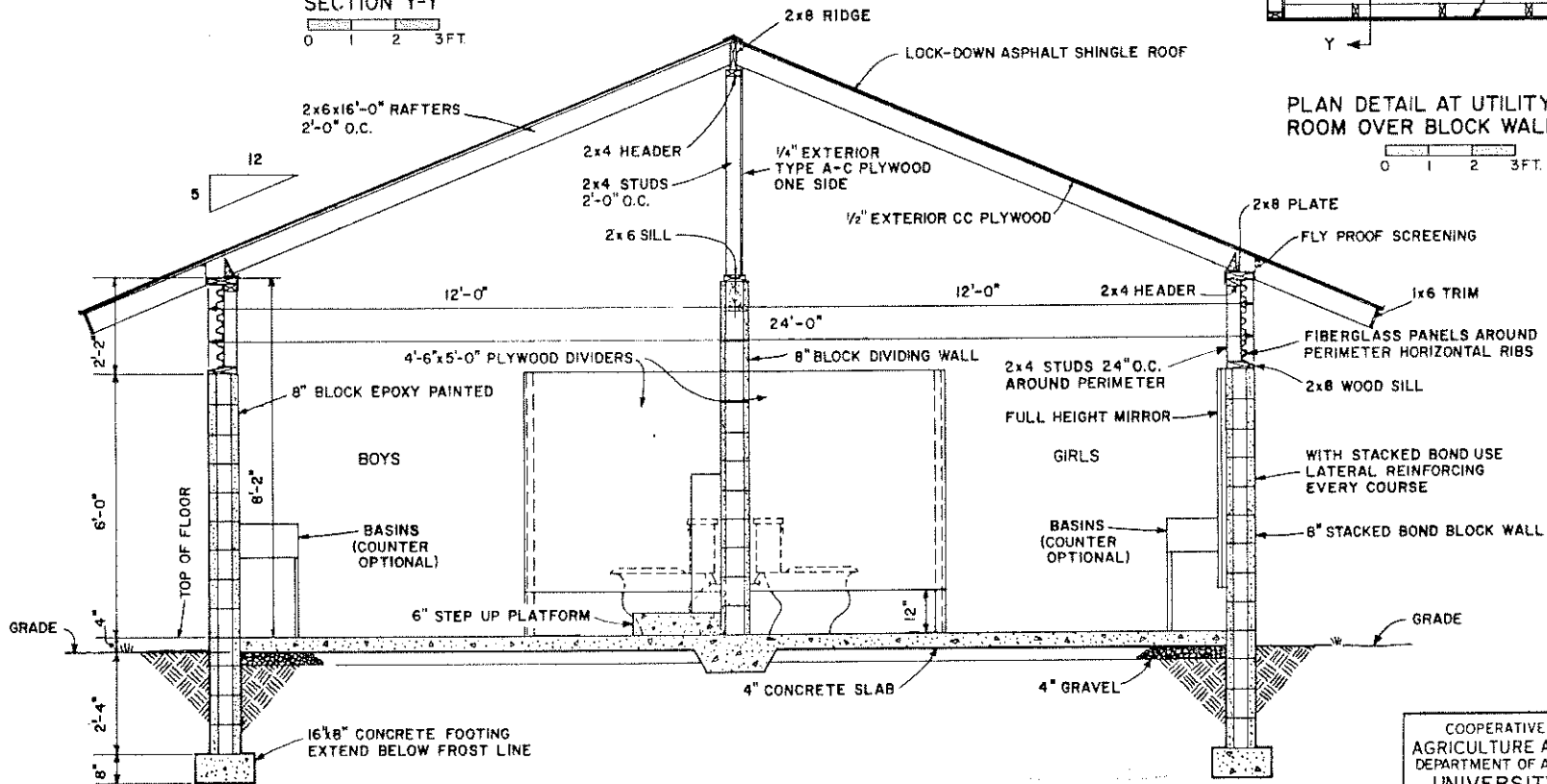
SECTION Y-Y
0 1 2 3 FT.



1/4" EXTERIOR-TYPE A-C PLYWOOD THIS SIDE

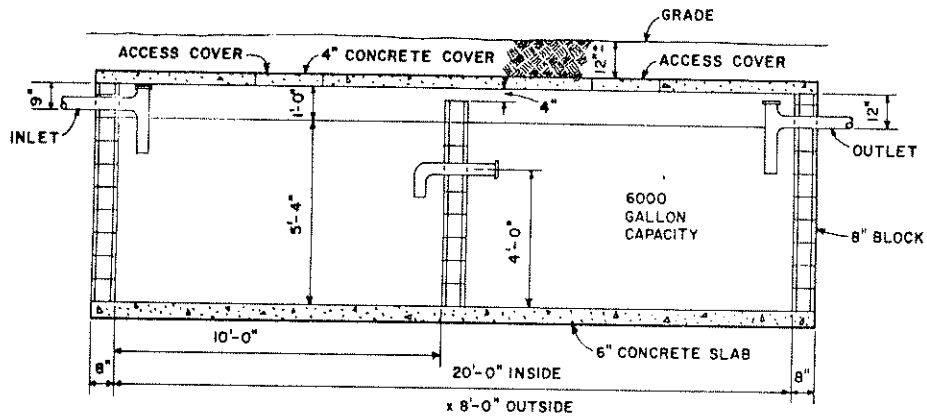


PLAN DETAIL AT UTILITY ROOM OVER BLOCK WALL
0 1 2 3 FT.



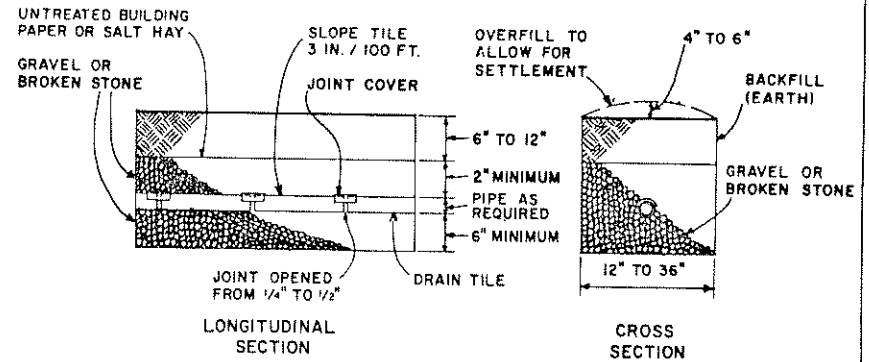
SECTION X-X
0 1 2 3 FT.

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COMFORT STATION		
N J	'71	6123
		SHEET 2 OF 3



SEPTIC TANK LONGITUDINAL SECTION

0 1 2 3 4 FT.



DETAIL OF DRAIN TILE AT ABSORPTION FIELD

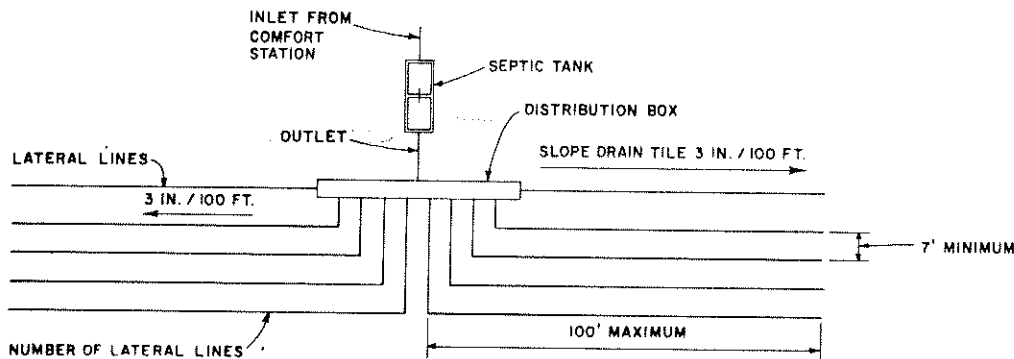
0 1 2 3 FT.

50 CAMPSITES

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 = 20
11 BASINS	AT 4 GPM = 44
3 URINALS	AT 5 GPM = 15
10 WATER CLOSETS	AT 3 GPM = 30
TOTAL - 109 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

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N. J.	71	6123	SHEET 3 OF 3
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