SANITARY WASTE PROFILE
SCALE: HORIZ. 1"=20' VERT. 1"=5'

STA 0+18 ¢ 1000 GAL SEPTIC TANK. OUTLET INVERT = 493.17
STA 0+30± ¢ DOSING CHAMBER INLET INVERT = 493.00

EXISTING GRADE
50:2 STYROFOAM INSULATION
5'-6" MIN. COVER
EXISTING GRADE
1½" SDR 11 PE FORCE MAIN
1½" SCH 40 PVC W/ SOLVENT WELDED JOINTS
3+90 PE/PVC ADAPTER
4+05 DISTRIBUTION BOX
4+10 LEACHING AREA
MOUND OVER EXISTING GROUND
SEE SHT. 2 OF 2 SEC SECTION A-A

LEACH FIELD TRENCH SECTION (SEE SECTION A-A)
SCALE 1"=10

EXISTING GRADE
4" PERF PVC LAID LEVEL
1½" CRUSHED STONE
TOPSOIL
UNDISTURBED BLDG PAPER

TEST PIT LOG
GROUND EL 495
0-9" SANDY LOAM
9" SAND
SS COARSE GRAVEL
HOLE STOPS @ 7'
PERC 1'
PT 1
NLTD

DESIGN DATA

EMPLOYEES — 4 PRESENT, 4 FUTURE

VISITORS: 100 × 25% = 25
* THE 25% FACTOR IS ADJUSTED FOR THOSE WHO WILL ACTUALLY USE THE SYSTEM

PERCOLATION RATE: PT 1 4 MIN/IN (THROUGHOUT REQ.)

DESIGN FLOW: 8×15 = 120 GPD
25×5 = 125 GPD
245 GPD

APPLICATION RATE: 0 × 0.8(3/MIN) = 1.2 GAL/FT²/DAY
AREA TRENCH REQ. = 245/1.2 = 204 SQ. FT.

FIELD SIZE: 3 TRENCHES 30 FT. LONG × 3 FT. WIDE, 270 SQ FT./204 FACTOR SAFETY 1.32

STATE OF VERMONT
DEPARTMENT OF STATE BUILDINGS
AGENCY OF ADMINISTRATION
MONTPELIER VERMONT

PROPOSED MOTOR VEHICLE BLDG
SEWAGE TREATMENT PLAN
RUTLAND VERMONT

DATE	SCALE	REVISIONS	DWG NO
10-7-85	AS NOTED		P-2
DRAWN BY	APPROVED BY		VERMONT
R. PERREAULT			1 OF 2

Scale 1"=50'

TO U.S. RTE 7
ENTRANCE DRIVE
HIGHWAY DIST OFFICE
PUBLIC SAFETY
RADIO SHOP
GARAGE
EAST SHED
WELDING & PAINT E
STATION VT. ELEC. CO.
TO RUTLAND
TO PITTSFORD
EAST CREEK
REPLACEMENT AREA FOR LEACH FIELD