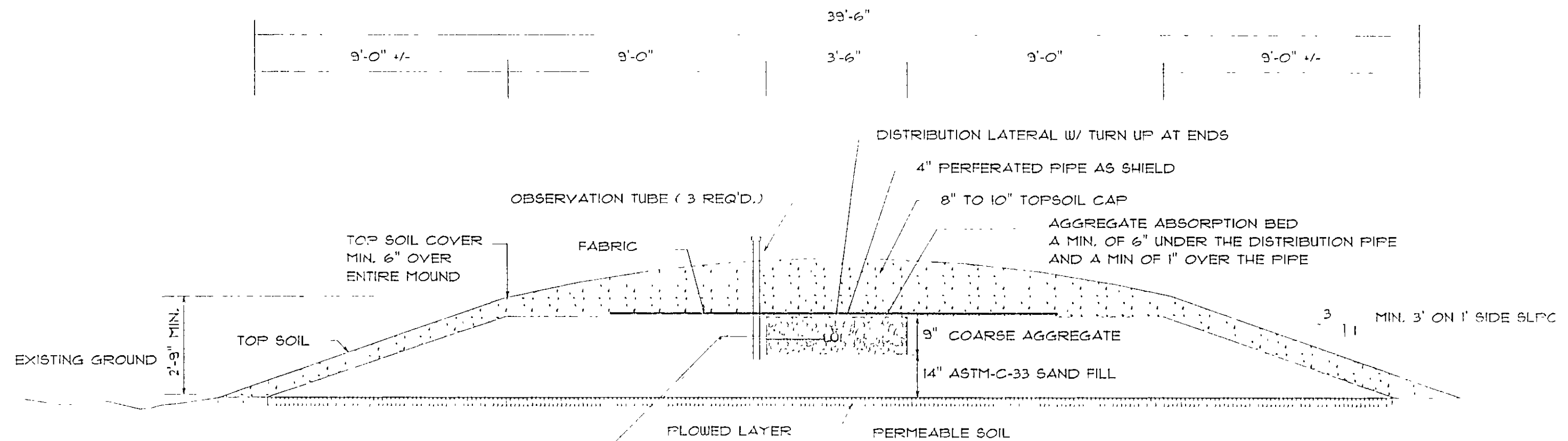


MOUND CALCULATIONS

ITEM	MOUND CALCULATIONS	
NUMBER OF BEDROOMS		3
BASE FLOW RATE	(gpd)	360
DIVERSITY FACTOR	(NOTE 3)	1.0
DESIGN FLOW RATE	(gpd)	360
EFFECTIVE MOUND LENGTH		103'
OVERALL MOUND LENGTH	(NOTE 1)	121'
DESIGN LINEAR LOADING RATE	(gpd/lf)	3.5
DESIGN SAND LOADING RATE	(gpd/sf)	0.6
MAXIMUM ALLOWABLE BASAL LOADING RATE	(gpd/sf)	0.3
ABSORPTION BED AREA	(SF)	360.5

NOTES-

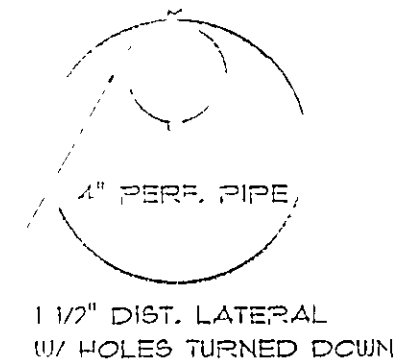
1. NOMINAL, ACTUAL MAY VARY WITH GROUND SLOPE.
2. SIDE SLOPES EQUAL ON LEVEL OR NEAR LEVEL BUILDING SITES.
3. BASE FLOW RATE DIVIDED BY THE DIVERSITY FACTOR
EQUALS THE DESIGN FLOW RATE. THE DIVERSITY FACTOR
ACCOUNTS FOR NON-SIMULTANEOUS PEAKS AND TIMED DOSING.
4. FOR MAIN LATERAL PIPING, SEE SHEET 2



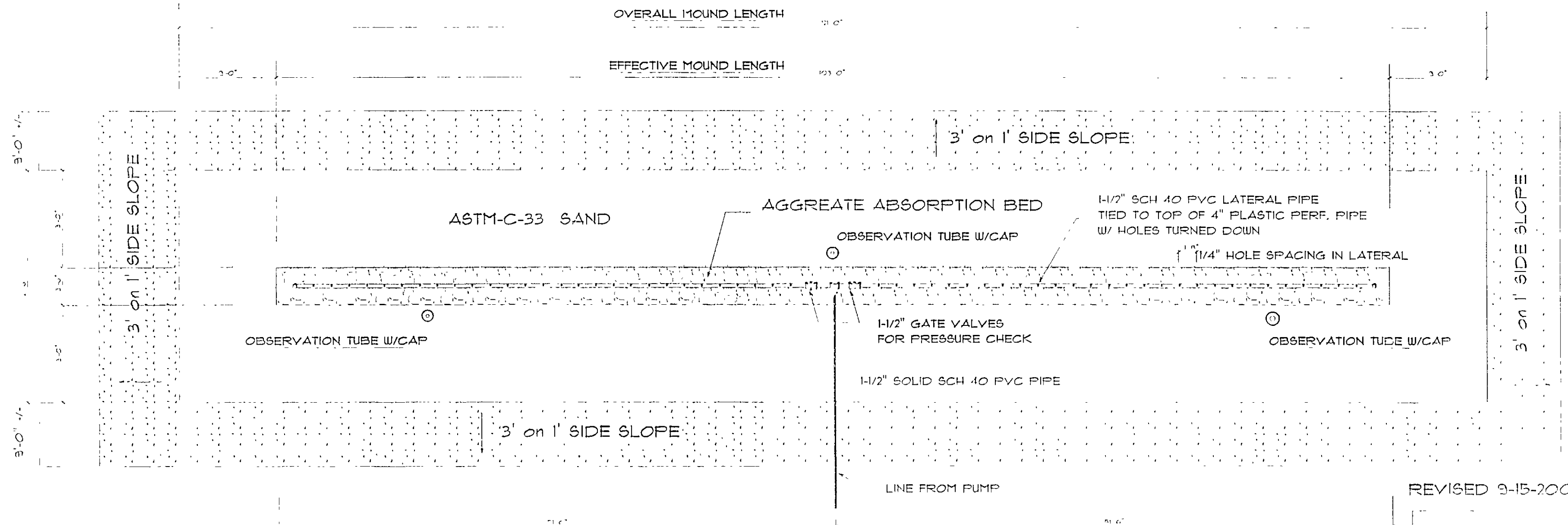
CROSS SECTION

NTS

TIE DIST. LATERAL
TO TOP OF PERF. PIPE
USING PLASTIC WIRE TIES



DISTRIBUTION
LATERAL
PLACEMENT
NTS



PLAN

NTS

REVISED 9-15-2007

SHEET
3