

# CHEMUNG COUNTY SAND FILTER DESIGN

MINIMUM LOT SIZE FOR THIS SYSTEM IS THREE ACRES

## SAND FILTER NOTES

FILTER SAND MUST COMPLETELY FILL THE WIDTH OF THE EXCAVATION AND SHOULD ENCLOSE THE GRAVEL DISTRIBUTION LAYER ON THE SIDES AS SHOWN IN SECTION A-A.

WEIGHT SLIPS FOR SAND AND ALL STONE ARE REQUIRED AND MUST BE GIVEN TO THE INSPECTOR. CONTRACTORS INTERESTED IN STOCKPILING MUST CONTACT THE HEALTH DEPARTMENT FOR ADDITIONAL REQUIREMENTS.

FILTER SAND MUST BE OBTAINED FROM AN APPROVED SOURCE. CALL THE CHEMUNG COUNTY HEALTH DEPARTMENT FOR THE LATEST INFORMATION ON SOURCES.

ALL AGGREGATE USED IN THE SAND FILTER MUST BE WASHED SUCH THAT IT IS CLEAN AND FREE OF DIRT, SILT AND CLAY.

FILTER BOTTOM MUST BE LEVEL. CONSTRUCT THE FILTER ACROSS THE SLOPE.

INSPECTION MUST BE MADE BY THE HEALTH DEPARTMENT BEFORE FINAL COVER IS PLACED. AT LEAST 24 HOUR ADVANCE NOTICE IS REQUIRED FOR AN INSPECTION.

SPEED LEVELERS MAY BE REQUIRED TO ADJUST OUTLET ELEVATION IN DISTRIBUTION BOX.

A MINIMUM OF 6 INCHES OF #2 STONE MUST BE UNDER THE DISTRIBUTION PIPES.

DIVERSION DITCHES OR CURTAIN DRAINS MAY BE REQUIRED ON CERTAIN SITES TO DIVERT SURFACE AND GROUND WATER AWAY FROM THE SAND FILTER SYSTEM.

SAND SHOULD NOT BE PLACED IN THE FILTER USING A LOADER OR DOZER IN THE FILTER BED ITSELF. CARE MUST BE TAKEN NOT TO MIX SOIL WITH FILTER SAND. KEEP TRAFFIC OFF FILTER BED TO AVOID PREMATURE FAILURE.

WE STRONGLY RECOMMEND THAT THE DISCHARGE FROM A WATER SOFTENER NOT BE PLACED INTO THE SAND FILTER SYSTEM. IT SHOULD BE DISPOSED OF ELSEWHERE, WITH CARE BEING GIVEN NOT TO DISPOSE OF THE WASTE WHERE IT WOULD CONTAMINATE DRINKING WATER WELLS.

SAND FILTER MUST BE AT LEAST 10 FEET FROM THE PROPERTY LINE

ALL STONE SPECIFIED IN THIS SYSTEM IS TO MEET NEW YORK STATE SPECIFICATIONS. CONTACT THE HEALTH DEPARTMENT FOR DETAILS.

