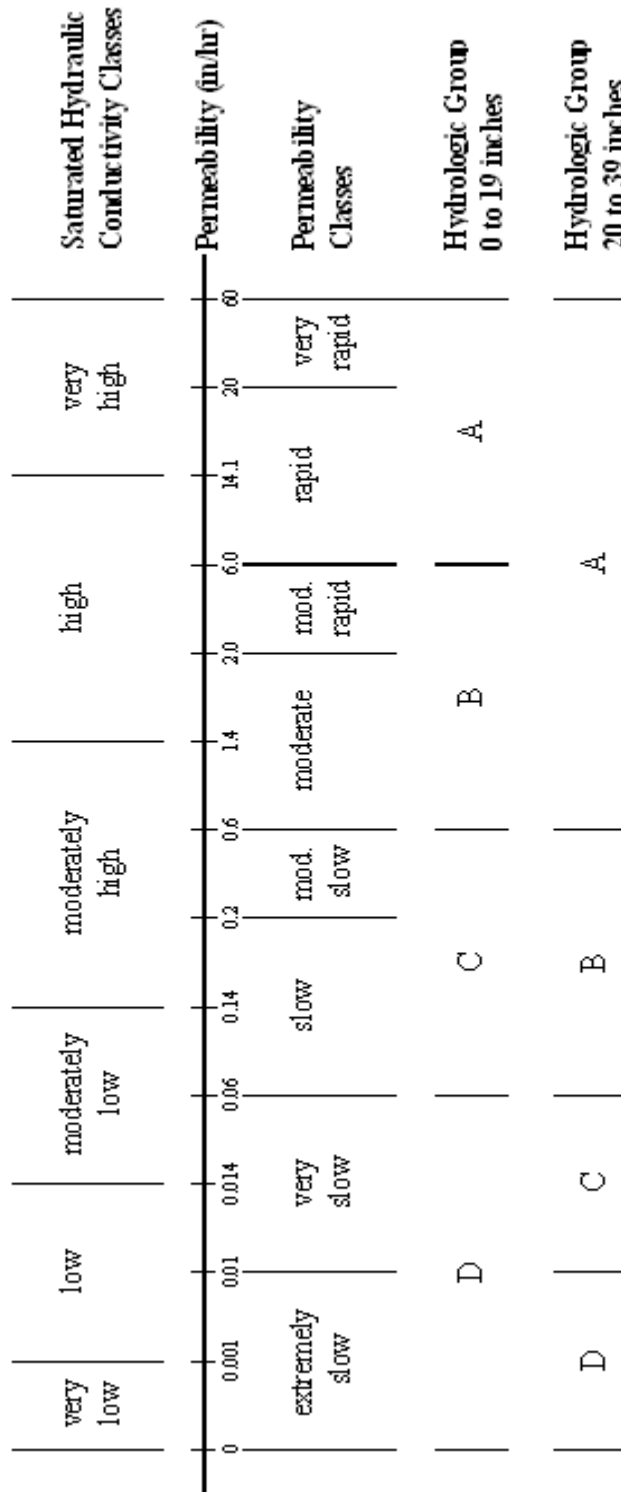

APPENDIX III

HYDROLOGY

DESIGN STORM EVENTS for DANE COUNTY

FREQUENCY (year)	DURATION (hour)	RAINFALL (inches)
1	24	2.5
2	24	2.9
5	24	3.6
10	24	4.2
25	24	4.8
50	24	5.3
100	24	6.0

Relationship Between Saturated Hydraulic Conductivity, Permeability, and Hydrologic Group



References:

Soil Survey Division Staff, (1993), *Soil Survey Manual*, United States Department of Agriculture, Washington, D. C.

Uhlund, R.E. and O'Neal, A.M., (1951), *Soil Permeability Determinations for Use In Soil and Water Conservation*, United States Department of Agriculture, Washington, D.C.