FACE PIPING

INCLUDE ALL PIPE, FITTINGS, AND VALVES TO CONNECT PUMP AND FILTER TOGETHER

	EQUIV. LIN. FT.	FT. OF HEAD
lineal feet of inch diameter pipe	•	
ell(s) 45 inch, each equivalent to feet of straight pipe – total		
ell(s) 90 inch, each equivalent to feet of straight pipe – total		
tee(s) inch, each equivalent to feet of straight pipe – total		
adapter(s) inch, each equivalent to feet of straight pipe – total	·	
reduction(s) inch to inch-loss in feet of head		
enlargement(s) inch to inch-loss in feet of head		····
valve(s) inch, each equivalent to feet of straight pipe – total	·	
feet of straight pipe – total	·	
multiport valve(s) inch—loss in feet of head	·	
filter(s) sq. feet surface area—loss in feet of head		····
pump strainer inlet inch—loss in feet of head		
pump strainer basket inch—loss in feet of head		···
inch—loss in feet of head		
Equivalent length of face piping—total (add all equivalent lineal feet for this section)		
Loss in feet of head due to friction in feet of inch pipe at gpmgpm		
Velocity through main drain piping feet/sec.		

NOTES:

- 1. Use the flow from step 11 as the gpm for this section.
- 2. Velocity through pressure side of system shall not exceed 10 feet per second, 6 feet per second for copper.