## INDIVIDUAL SKIMMER PIPING

**SKIMMER #_____ (PROVIDE CALCULATION SHEETS FOR EACH SKIMMER)**

**SECTION A (ALL PIPE AND FITTINGS FROM THE FITTING BY THE POOL OR FROM THE PREVIOUS SKIMMER TO SKIMMER TEE OR ELL).**

| | 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…… | | _____ |
| _____ _____ _____ inch, each equivalent to _____ feet of straight pipe – total…… | | _____ |
| Equivalent length of piping, section A—total (add all equivalent lineal feet for this section)…… | | _____ |
| Loss in feet of head due to friction in _____ feet of _____ inch pipe at _____ gpm…… | | _____ |

Velocity through individual skimmer piping—section A _____ feet/sec.

**SECTION B (ALL PIPE AND FITTINGS FROM THE SKIMMER TEE OR ELL TO THE BASE OF THE SKIMMER).**

| | 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…… | | _____ |
| _____ skimmer _____ inch outlet—loss in feet of head…… | | _____ |
| Equivalent length of piping, section B—total (add all equivalent lineal feet for this section)…… | | _____ |
| Loss in feet of head due to friction in _____ feet of _____ inch pipe at _____ gpm…… | | _____ |

Velocity through individual skimmer piping—section A _____ feet/sec.

**NOTES:**

1. Use the actual flow through section A for section A gpm (step 16 flow x # of skimmers being fed by section B). Use the flow from step 16 as the gpm for section B.