Size Cu Type K	Labor Manhours	Material Cos (\$)	Total Labor (Mhours)	M&S (\$) (in 1991 \$)
Type K., couplings with Clevis hangers @ 10'				
Linear Feet	0.103	\$1.35	0	\$0
3/4"	0.108	\$2.38	0	\$0
1" 200	0.121	\$3.82	24.2	\$764
1-1/4" 1-1/2"	0.143 0.16	\$3.90 \$5.01	0	\$0 \$0
2"	0.2	\$7.53	0	\$0
2-1/2"	0.267 0	\$10.87 \$0.00	0	\$0 \$0
	0	\$0.00	0	\$0
	0		0	\$0
	0	\$0.00 \$0.00	0	\$0 \$0
NO. JOINT	s			
1"	0		0	\$0
1-1/4" 1-1/2"	0		0	\$0 \$0
2"	0		0	\$0
2-1/2"	0		0	\$0 \$0
4"	0		0	\$0
5" 6"	0		0	\$0 \$0
8"	0		0	\$0 \$0
10"	0		0	\$0
12 14	0		0	\$0 \$0
16	ő		0	\$0
ELBOWS, (Quantity	_			
1/2" 3/4"	0.4 0.421	\$0.29 \$0.49	0	\$0 \$0
1" 8		\$0.49	4	\$8
1-1/4"	0.533	\$2.04	0	\$0
1-1/2"	0.615 0.727	\$2.31 \$6.90	0	\$0 \$0
2-1/2"	1.23	\$13.05	0	\$0
0	0	\$0 \$0	0	\$0 \$0
0	0	\$0	0	\$0
0	0	\$0	0	\$0
0	0	\$0	0	\$0
45 Deg. ELI Quantity	0.4	\$0.53	0	\$0
3/4"	0.421	\$0.90	0	\$0
1" 20 1-1/4"	0.5 0.533	\$2.31	10 0	\$46 \$0
1-1/2"	0.533	\$3.18 \$3.83	0	\$0
2"	0.727	\$6.35	0	\$0
2-1/2"	1.23 0	\$13.60 \$0.00	0	\$0 \$0
0	0	\$0	0	\$0
0	0	\$0 \$0	0	\$0 \$0
o	0	\$0	0	\$0
TEES, Cu V Quantity	1			
1/2" 3/4"	0.615 0.667	\$0.49 \$1.22	0	\$0 \$0
1" 16	0.8	\$3.55	12.8	\$57
1-1/4"	0.889	\$6.60	0	\$0
1-1/2"	1.14	\$7.80 \$12.20	0	\$0 \$0
2-1/2"	2	\$24.00	0	\$0
0	0	\$0 \$0	0	\$0 \$0
0	0	\$0	0	\$0
0	0	\$0 \$0	0	\$0 \$0
J	U	φU	U	\$0
Ball VALVES 150 #, Threaded (Bro				
1/2"	0.364	\$4.45	0	\$0 \$195
1" 20 2"	0.421 0.727		8.42 0	\$185 \$0
Pipe				
1"	0.16		0	\$0
2"	0 239	\$8 74	0	\$0