

# SMITH-COOPER<sup>®</sup> INTERNATIONAL

☎ (323) 890-4455 (800) 766-0076 ✉ FAX (323) 890-4456

Red Brass Nipples meet the following specifications: ASTM B687, ASTM B43, ANSI/ASME B1.20.1

DIAMETER IN INCHES		LENGTH OF CLOSE		BRASS PIPE NIPPLES																
				LENGTH IN INCHES																
		CLO.	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5-1/2"	6"	7"	8"	9"	10"	11"	12"		
1/8"	3/4"	10.89	12.28	13.21	14.85	16.15	17.45	19.60	22.16	23.99	25.91	27.77	33.02	36.96	44.73	48.95	53.09	56.50		
		25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/200	25/200	25/200	25/200	
1/4"	7/8"	12.73	14.73	16.67	18.06	21.20	23.07	27.12	29.44	32.09	34.78	39.12	44.62	48.87	54.31	59.65	65.09	70.43		
		25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/200	25/200	25/200	25/200	25/200	25/200	
3/8"	1"	13.19	15.61	18.96	20.55	25.14	27.12	32.27	34.37	37.70	40.88	44.32	53.81	60.33	71.37	71.88	78.46	85.10		
		25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/400	25/300	25/300	25/300	25/300	25/150	25/150	25/100	25/100	25/100	25/100	
1/2"	1-1/8"	17.59	20.36	23.91	28.45	33.40	38.12	43.68	47.90	52.23	57.36	63.60	73.69	82.55	91.60	101.31	110.64	120.54		
		25/400	25/400	25/400	25/300	25/300	25/300	25/200	25/200	25/200	25/200	25/200	25/200	25/100	25/100	25/100	25/100	25/100	25/100	
3/4"	1-3/8"	25.35	27.03	31.03	37.02	42.71	47.93	55.71	60.60	66.88	73.09	81.38	95.35	107.38	118.91	131.06	143.01	155.95		
		25/400	25/400	25/300	25/300	25/200	25/200	25/150	25/150	25/100	25/100	25/100	25/75	25/75	25/50	25/50	25/50	25/50		
1"	1-1/2"	37.38		46.11	53.81	61.96	71.73	80.69	89.98	99.50	108.99	118.81	138.79	158.43	176.78	196.09	211.57	233.85		
		25/200		25/200	25/150	25/150	25/100	25/100	25/100	25/75	25/75	25/50	25/50	25/50	25/50	25/50	20/40	20/40	20/40	
1-1/4"	1-5/8"	56.41		64.42	72.85	86.21	100.88	113.55	125.73	138.66	151.68	165.65	195.43	221.39	262.54	273.77	313.39	327.46		
		25/150		25/100	25/100	25/50	25/50	25/50	25/50	25/50	25/50	25/50	15/30	15/30	15/30	15/30	15/30	15/30		
1-1/2"	1-3/4"	73.34		78.92	94.55	108.65	124.76	141.53	159.03	175.95	192.51	209.09	244.39	277.61	310.79	343.95	377.17	410.30		
		25/100		25/100	25/75	25/50	25/50	25/50	50	40	40	40	35	25	25	15	15	15		
2"	2"	111.68		120.60	139.18	160.21	182.08	203.00	225.09	246.90	268.81	314.43	358.58	399.85	444.11	479.88	529.69			
		25/50		25/50	50	25	25	25	25	25	25	25	18	18	18	14	14	14		
2-1/2"	2-1/2"	294.82		308.21	349.20	368.19	416.46	458.13	493.40	540.22	615.42	706.79	784.52	866.87	934.07	1024.79				
		36		36	27	27	24	18	18	18	14	12	12	12	9	9	9			
3"	2-5/8"	400.89		416.58	471.26	530.79	583.48	641.99	697.57	758.27	884.78	1006.00	1103.81	1234.52	1331.62	1465.72				
		24		24	18	18	16	12	12	12	9	8	8	8	6	6	6			
4"	2-7/8"	603.14		612.61	687.85	784.46	847.33	935.86	997.96	1101.94	1265.03	1431.97	1604.81	1774.67	1944.87	2093.90				
		15		15	12	12	10	8	8	8	5	5	5	5	4	4	4			

**Note:**

Regular pricing applies to the above listed sizes with standard NPT threads each end. All other lengths, threads and thread-one-end nipples are considered "SPECIALS" and will be quoted upon request.



## SUBMITTAL PROCEDURES (21 OF 28)

STANDARD PLAN:  
**PN - 030 - L**

CITY ENGINEER APPROVAL:

Longview: **C.B.**

DATE: **FEB. 2008**

Kelso: