

ENGLISH UNITS

ALL DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE NOTED.

DESIGN NO.	POLE HEIGHT (feet)	BASE MOMENT AT YIELD (ft. kips)	TAPERED (NOTE 1)			TAPERED (NOTE 2)			A 36 PIPE (NOTE 3)				API GRADE X52 PIPE (NOTE 4)				ANCHOR BASE					ANCHOR BOLT	
			BASE DIA.	MIN. WALL THICKNESS	NO. OF SIDES	SECTION	DIA.	LENGTH (feet)	WALL THICKNESS	REDUCER TYPE *	SECTION	DIA.	LENGTH (feet)	WALL THICKNESS	REDUCER TYPE *	BOLT CIRCLE	F	S	T	H	DIA.	LENGTH	
1	20	39.5	7	.239	7	.239	NA	B 5 10 0.312 A 6 10 0.500	SCH.80	B 5 10 0.219 A 6 10 0.312	SCH.80	10	7 1/16	10 1/2	1 1/4	1 5/8	1 1/4	42					
2	24	67.0	9	.239	9	.239	NA	B 6 12 0.375 A 8 12 0.500	SCH.80	B 6 12 0.250 A 8 12 0.322	SCH.40	12 1/2	8 5/8	12 3/4	1 1/2	1 7/8	1 1/2	54					
3	26	83.4	10	.239	10	.239	NA	B 8 13 0.277 A 10 13 0.365	SCH.30	B 8 13 1.88 A 10 13 0.250	SCH.40	13 1/2	9 9/16	14 1/8	1 1/2	1 7/8	1 1/2	54					
4	26	101.0	11	.239	11	.239	NA	B 8 13 0.312 A 10 13 0.483	SCH.40	B 8 13 0.203 A 10 13 0.279	SCH.40	15	10 5/8	15 5/8	2	2 3/8	1 3/4	84					
5	30	121.0	12	.239	12	.239	NA	B 8 9 0.203 C 10 10 0.307 A 12 11 0.375	SCH.20 SCH.30	B 8 9 0.188 C 10 10 0.203 A 12 11 0.250	SCH.40 SCH.40	16	11 5/8	17	2	2 3/8	1 3/4	84					
6	30	149.0	12	.299	12	.250	10	B 8 8 0.219 C 10 10 0.365 A 12 12 0.500	SCH.20 SCH.40	B 8 8 0.188 C 10 10 0.279 A 12 10 0.312	SCH.40 SCH.40	16	11 5/8	17	2	2 3/8	1 3/4	84					
7	30	176.0	13	.299	13	.250	12	B 8 10 0.375 C 10 10 0.500 A 12 10 0.562	SCH.60 SCH.60	B 8 10 0.250 C 10 10 0.344 A 12 10 0.375	SCH.40 SCH.40	18	12 3/4	18 1/2	2	2 3/8	2	90					
8	30	206.0	14	.299	15	.219	14	B 8 9 0.375 C 10 10 0.562 A 12 11 0.688	SCH.60 SCH.80	B 8 10 0.277 C 10 10 0.438 A 12 10 0.438	SCH.80 SCH.80	20	14 1/8	20 1/2	2	2 3/8	2	90					
9	30	228.0	12	.478 (2 PLY)	14.75	.250	14	B 8 8 0.406 C 10 10 0.594 A 12 12 0.750	SCH.60 SCH.80	B 8 8 0.312 C 10 10 0.438 A 12 10 0.500	SCH.80 SCH.80	22	15 1/2	23	2 1/2	2 3/8	2	90					
10	32	270.0	13	.478 (2 PLY)	16	.250	16	B 8 8 0.406 C 10 11 0.719 A 12 13 1.000	SCH.60 SCH.100	B 8 8 0.250 C 10 12 0.500 A 12 12 0.562	SCH.80 SCH.80	22	15 1/2	23	2 1/2	2 3/8	2 1/4	90					
11	32	316.0	14	.478 (2 PLY)	15.50	.313	14	B 8 9 0.562 C 10 11 1.000 A 12 12 1.125	SCH.100 SCH.40	B 8 8 0.312 C 10 12 0.594 A 12 12 0.688	SCH.80 SCH.80	22	15 1/2	23	2 1/2	2 3/8	2 1/4	90					
12	32	385.0	14	.598 (2 PLY)	17.25	.313	16	B 10 9 0.438 C 12 11 0.750 A 14 12 1.094	SCH.60 SCH.100	B 10 8 0.250 C 12 12 0.500 A 14 12 0.688	SCH.80 SCH.80	23 1/2	16 5/8	24 1/2	2 1/2	2 3/8	2 1/2	114					

NOTES

- Tapered tube shall be steel with a minimum of 55,000 PSI (379.2 MPa) yield stress after galvanizing.
- Designs 1 thru 5 shall be ASTM A595M steel with a minimum of 55,000 PSI (379.2 MPa) yield strength after galvanizing. Designs 6 thru 12 shall be ASTM A572M grade 65 steel with a minimum of 65,000 PSI (447.8 MPa) yield strength after galvanizing.
- Pipe shall be ASTM A36M steel with a minimum of 36,000 PSI (248.2 MPa) yield stress after galvanizing.
- Pipe shall be grade X52 steel of the American Petroleum Institute standard 5LX, with a minimum of 52,000 PSI (358.2 MPa) yield stress after galvanizing.

METRIC UNITS

ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE NOTED.

DESIGN NO.	POLE HEIGHT (meters)	BASE MOMENT AT YIELD (kN-m)	TAPERED (NOTE 1)			TAPERED (NOTE 2)			A 36 PIPE (NOTE 3)				API GRADE X52 PIPE (NOTE 4)				ANCHOR BASE					ANCHOR BOLT	
			BASE DIA.	MIN. WALL THICKNESS	NO. OF SIDES	SECTION	DIA.	LENGTH (meters)	WALL THICKNESS	REDUCER TYPE *	SECTION	DIA.	LENGTH (meters)	WALL THICKNESS	REDUCER TYPE *	BOLT CIRCLE	F	S	T	H	DIA.	LENGTH (meters)	
1	6.1	53.6	178	6.07	178	6.07	NA	B 127 3.0 7.92 A 152 3.0 12.70	SCH.80	B 127 3.0 5.56 A 152 3.0 7.92	SCH.80	254	179	267	32	41	32	1.1					
2	7.3	90.9	229	6.07	229	6.07	NA	B 152 3.7 9.53 A 203 3.7 12.70	SCH.80	B 152 3.7 6.35 A 203 3.7 8.18	SCH.40	318	225	324	38	48	38	1.4					
3	7.9	113.1	254	6.07	254	6.07	NA	B 203 4.0 7.04 A 254 4.0 9.27	SCH.30	B 203 4.0 4.78 A 254 4.0 6.35	SCH.40	343	243	359	38	48	38	1.4					
4	7.9	137.0	279	6.07	279	6.07	NA	B 203 4.0 7.92 A 254 4.0 12.27	SCH.40	B 203 4.0 5.16 A 254 4.0 7.09	SCH.40	381	270	397	51	54	44	2.1					
5	9.1	164.1	305	6.07	305	6.07	NA	B 203 2.7 5.16 C 254 3.0 7.80 A 305 3.4 9.53	SCH.20 SCH.30	B 203 2.7 4.78 C 254 3.0 5.16 A 305 3.4 6.35	SCH.40 SCH.40	406	287	432	51	54	44	2.1					
6	9.1	202.0	305	7.59	305	6.35	10	B 203 2.4 5.56 C 254 3.0 9.27 A 305 3.7 12.70	SCH.20 SCH.40	B 203 3.0 4.78 C 254 3.0 7.09 A 305 3.0 7.92	SCH.40 SCH.40	406	287	432	51	54	44	2.1					
7	9.1	238.7	330	7.59	330	6.35	12	B 203 3.0 9.53 C 254 3.0 12.70 A 305 3.0 14.27	SCH.60 SCH.60	B 203 3.0 6.35 C 254 3.0 8.74 A 305 3.0 9.53	SCH.40 SCH.40	457	324	470	51	60	51	2.3					
8	9.1	279.3	356	7.59	381	5.56	14	B 203 2.7 9.53 C 254 3.0 14.27 A 305 3.4 17.48	SCH.60 SCH.80	B 203 3.0 7.04 C 254 3.0 11.13 A 305 3.0 11.13	SCH.80 SCH.80	508	359	521	51	60	51	2.3					
9	9.1	309.2	305	12.14 (2 PLY)	375	6.35	14	B 203 2.4 10.31 C 254 3.0 15.09 A 305 3.7 19.05	SCH.60 SCH.80	B 203 3.0 7.92 C 254 3.0 11.13 A 305 3.0 12.70	SCH.80 SCH.80	559	394	584	64	60	51	2.3					
10	9.8	366.1	330	12.14 (2 PLY)	406	6.35	16	B 203 2.4 10.31 C 254 3.4 18.26 A 305 4.0 25.40	SCH.60 SCH.100	B 203 2.4 6.35 C 254 3.7 12.70 A 305 3.7 14.27	SCH.80 SCH.80	559	394	584	64	67	57	2.3					
11	9.8	428.5	356	12.14 (2 PLY)	394	7.95	14	B 203 2.7 14.27 C 254 3.4 25.40 A 305 3.7 28.58	SCH.100 SCH.40	B 203 2.4 7.92 C 254 3.7 15.09 A 305 3.7 17.48	SCH.80 SCH.80	559	394	584	64	67	57	2.3					
12	9.8	522.1	356	15.19 (2 PLY)	438	7.95	16	B 254 2.7 11.13 C 305 3.4 19.05 A 356 3.7 27.79	SCH.60 SCH.100	B 254 2.4 6.35 C 305 3.7 12.70 A 356 3.7 17.48	SCH.80 SCH.80	597	422	622	64	73	64	2.9					

* DIAMETER EQUAL TO ABUTTING PIPE.