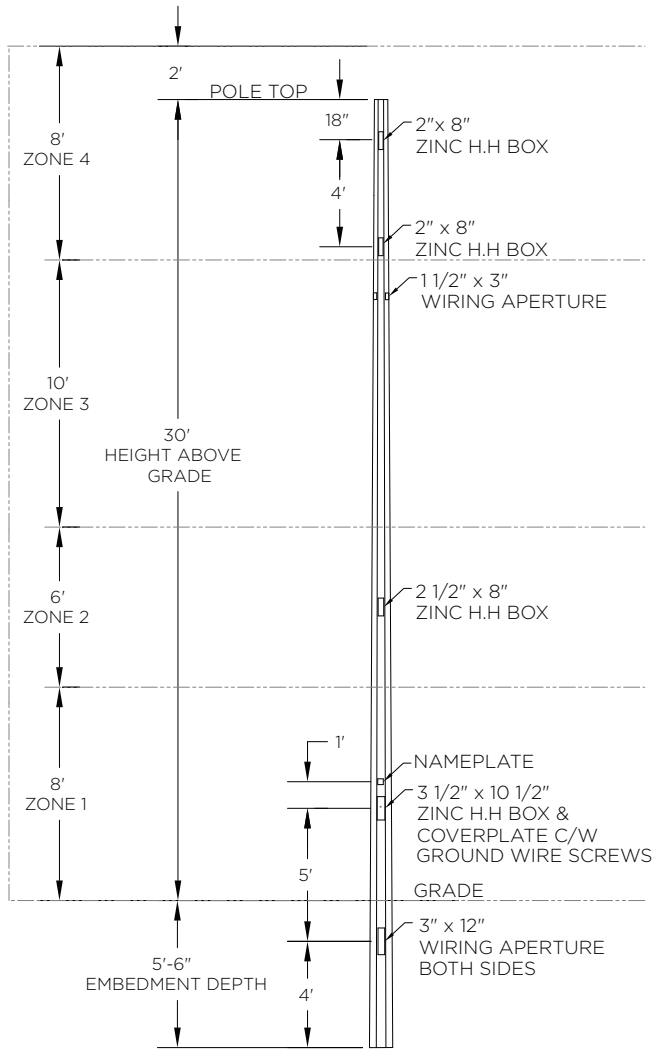


Octagonal Tapered // Spun Concrete Small Cell Pole



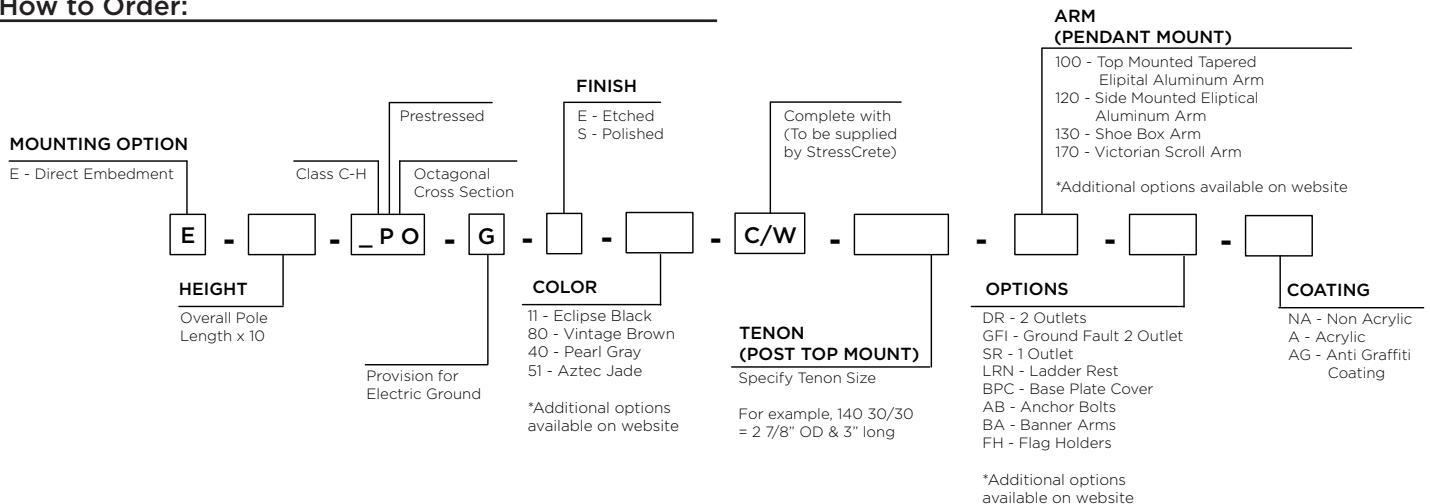
Specifications:

This popular shape is available in above grade heights of 25' to 50'. Frequently used in both etched and polished finish in many decor colors, it can also be ordered in the standard mold finish. Designed specifically to hold small cell equipment with a wider, fixed raceway while creating harmony between the Utility and the Telecom companies who are using the pole.

Measurements:

Height Above Grade (ft.)	Catalog Number	Ht (ft)	Tip (in)	Butt (in)	Min. Raceway (in)
25	E300-CPO-G	30	6	9.75	2.25
	E300-DPO-G	30	6.5	10.25	2
	E300-EPO-G	30	6.5	10.25	2
	E300-FPO-G	30	8.25	12	3.75
	E300-GPO-G	30	8.25	12	3.25
30	E355-CPO-G	35.5	6	10.4375	2.25
	E355-DPO-G	35.5	6.5	10.9375	2
	E355-EPO-G	35.5	6.5	10.9375	2
	E355-FPO-G	35.5	8.25	12.6875	3.75
	E355-GPO-G	35.5	8.25	12.6875	3.25
35	E410-DPO-G	41	6.5	11.625	2
	E410-EPO-G	41	6.5	11.625	2
	E410-FPO-G	41	8.25	13.375	3.75
	E410-GPO-G	41	8.25	13.375	3.25
40	E460-DPO-G	46	6.5	12.25	2
	E460-EPO-G	46	6.5	12.25	2
	E460-FPO-G	46	8.25	14	3.75
	E460-GPO-G	46	8.25	14	3.25
45	E520-DPO-G	52	6.5	13	2
	E520-EPO-G	52	6.5	13	2
	E520-FPO-G	52	7.625	14.125	3.125
	E520-GPO-G	52	7.625	14.125	2.625
50	E570-DPO-G	57	6.5	13.625	2
	E570-EPO-G	57	6.5	13.625	2
	E570-FPO-G	57	7	14.125	2.5

How to Order:



Zonal Loading:

The zonal loading of the pole distributes the EPA & Weight of small cell equipment based on the typical mounting locations. Zone 1 covers the area from the ground plane to 8' above grade, Zone 2 covers the area from 8' above grade to 14' above grade, Zone 3 covers a variable area, based on the overall pole height, and Zone 4 covers the top 20% of above grade height, plus 2' above the tip of the pole to accommodate post top equipment. The pole has been engineered to support the following EPAs and load.

90 mph // AASHTO LTS-6	Height Above Grade (ft.)	Catalog Number	Zone 1			Zone 2			Zone 3			Zone 4		
			Max EPA (sq ft)	Max Load (lbs)	Location (ft)	Max EPA (sq ft)	Max Load (lbs)	Location (ft)	Max EPA (sq ft)	Max Load (lbs)	Location (ft)	Max EPA (sq ft)	Max Load (lbs)	Location (ft)
25		E300-CPO-G	7	100	0-8	15	150	8-14	6.5	80	14-20	11.5	175	20-27
		E300-DPO-G	7	100	0-8	15	150	8-14	11.5	140	14-20	15.5	235	20-27
		E300-EPO-G	7	100	0-8	15	150	8-14	15.5	190	14-20	23	345	20-27
		E300-FPO-G	7	100	0-8	15	150	8-14	23	280	14-20	30	450	20-27
		E300-GPO-G	7	100	0-8	15	150	8-14	30	360	14-20	41.5	625	20-27
30		E355-CPO-G	7	100	0-8	15	150	8-14	6	75	14-24	11	165	24-32
		E355-DPO-G	7	100	0-8	15	150	8-14	11	135	14-24	15	225	24-32
		E355-EPO-G	7	100	0-8	15	150	8-14	14.5	190	14-24	22.5	330	24-32
		E355-FPO-G	7	100	0-8	15	150	8-14	22.5	270	14-24	29	435	24-32
		E355-GPO-G	7	100	0-8	15	150	8-14	29	350	14-24	40.5	610	24-32
35		E410-DPO-G	7	100	0-8	15	150	8-14	9.5	115	14-28	14	210	28-37
		E410-EPO-G	7	100	0-8	15	150	8-14	13.5	165	14-28	21.5	325	28-37
		E410-FPO-G	7	100	0-8	15	150	8-14	21.5	260	14-28	27	405	28-37
		E410-GPO-G	7	100	0-8	15	150	8-14	27	325	14-28	39	585	28-37
40		E460-DPO-G	7	100	0-8	15	150	8-14	8	100	14-32	13	195	32-42
		E460-EPO-G	7	100	0-8	15	150	8-14	13	160	14-32	19.5	295	32-42
		E460-FPO-G	7	100	0-8	15	150	8-14	19.5	235	14-32	25.5	385	32-42
		E460-GPO-G	7	100	0-8	15	150	8-14	25.5	310	14-32	37	555	32-42
45		E520-DPO-G	7	100	0-8	15	150	8-14	6.5	80	14-36	11.5	175	32-47
		E520-EPO-G	7	100	0-8	15	150	8-14	11.5	145	14-36	18	270	32-47
		E520-FPO-G	7	100	0-8	15	150	8-14	18	220	14-36	24.5	370	32-47
		E520-GPO-G	7	100	0-8	15	150	8-14	24.5	300	14-36	35	525	32-47
50		E570-DPO-G	7	100	0-8	15	150	8-14	5.5	70	14-40	9.5	145	32-52
		E570-EPO-G	7	100	0-8	15	150	8-14	10	120	14-40	16	240	32-52
		E570-FPO-G	7	100	0-8	15	150	8-14	16	195	14-40	23	345	32-52

Zonal Loading:

Height Above Grade (ft.)	Catalog Number	Zone 1			Zone 2			Zone 3			Zone 4		
		Max EPA (sq ft)	Max Load (lbs)	Location (ft)	Max EPA (sq ft)	Max Load (lbs)	Location (ft)	Max EPA (sq ft)	Max Load (lbs)	Location (ft)	Max EPA (sq ft)	Max Load (lbs)	Location (ft)
25	E300-DPO-G	3	45	0-8	6	60	8-14	5	60	14-20	7.5	115	20-27
	E300-EPO-G	3	45	0-8	6	60	8-14	7	85	14-20	12	180	20-27
	E300-FPO-G	3	45	0-8	6	60	8-14	11.5	140	14-20	15	225	20-27
	E300-GPO-G	3	45	0-8	6	60	8-14	15	180	14-20	21.5	322.5	20-27
30	E355-DPO-G	3	45	0-8	6	60	8-14	4	50	14-24	6.5	100	24-32
	E355-EPO-G	3	45	0-8	6	60	8-14	6.5	80	14-24	10.5	160	24-32
	E355-FPO-G	3	45	0-8	6	60	8-14	10.5	130	14-24	13.5	205	24-32
	E355-GPO-G	3	45	0-8	6	60	8-14	13.5	165	14-24	20.5	310	24-32
35	E410-EPO-G	3	45	0-8	6	60	8-14	5.5	70	14-28	9	135	28-37
	E410-FPO-G	3	45	0-8	6	60	8-14	8	100	14-28	12.5	190	28-37
	E410-GPO-G	3	45	0-8	6	60	8-14	12	145	14-28	18.5	280	28-37
40	E460-EPO-G	3	45	0-8	6	60	8-14	4.5	55	14-32	7.5	115	32-42
	E460-FPO-G	3	45	0-8	6	60	8-14	7.5	90	14-32	10	150	32-42
	E460-GPO-G	3	45	0-8	6	60	8-14	9.5	115	14-32	17	255	32-42
45	E520-EPO-G	3	45	0-8	6	60	8-14	2.5	30	14-36	6	90	32-47
	E520-FPO-G	3	45	0-8	6	60	8-14	6	75	14-36	9	135	32-47
	E520-GPO-G	3	45	0-8	6	60	8-14	9	110	14-36	15.5	235	32-47
50	E570-FPO-G	3	45	0-8	6	60	8-14	5.5	70	14-40	7.5	115	32-52

Equipment Loading:

Typical equipment loading by zone

Zone 1

- Power/Fiber Disconnect
- Load Center
- Proposed Meter

Zone 2

- Cabinet
- Street Sign
- Pedestrian Arm/Luminaire (Potential)

Zone 3

- Roadway Arm/Luminaire
- Pedestrian Arm/Luminaire

Zone 4

- 2-3 Radio Units
- Antenna