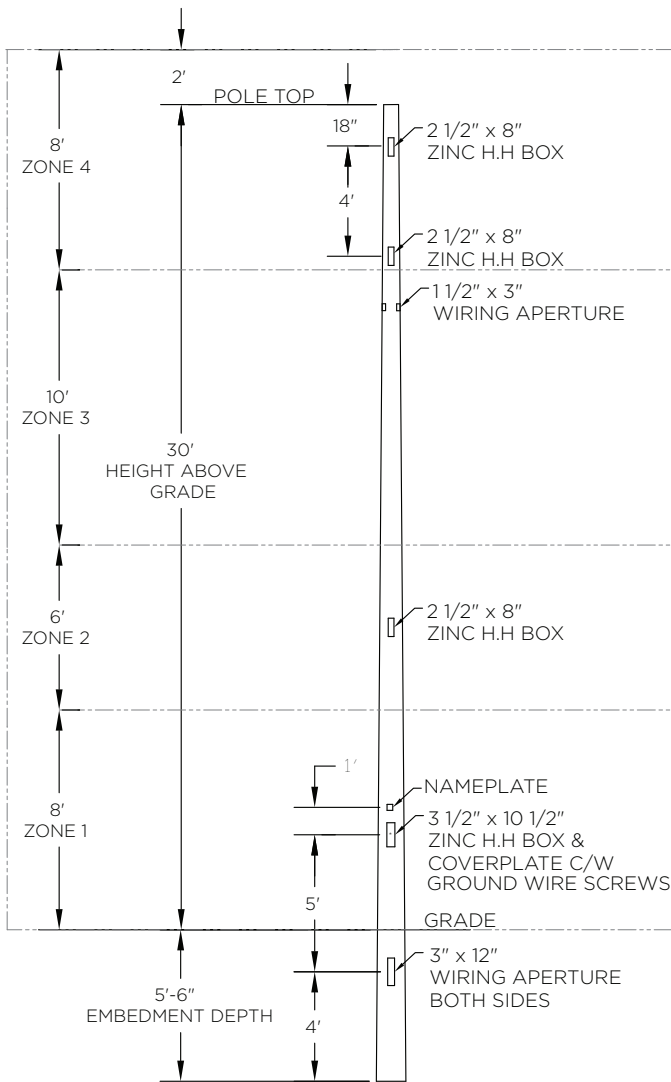


# Round Tapered // Spun Concrete Small Cell Pole



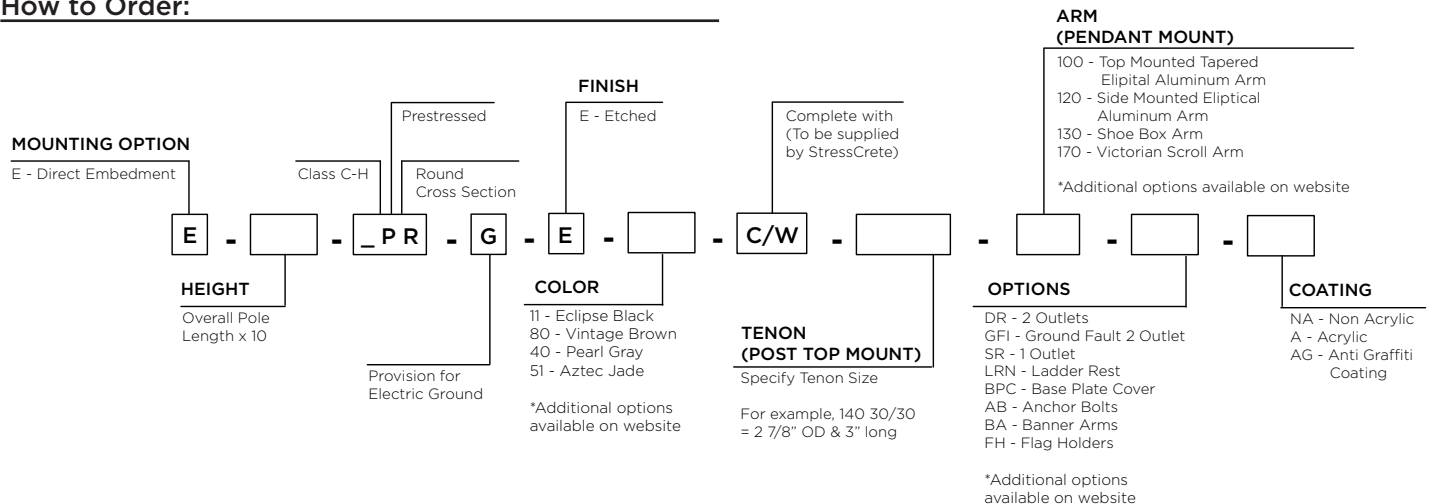
## Specifications:

The most functional shape with regard to wind-loading, this round tapered pole is available in above grade heights of 25' to 50', in both mold finish and in etched decor for more decorative uses. Designed specifically to hold small cell equipment 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-CPR-G	30	6.5	11.9	2
	E300-DPR-G	30	6.5	11.9	2
	E300-EPR-G	30	6.5	11.9	2
	E300-FPR-G	30	6.5	11.9	2
	E300-GPR-G	30	8.25	13.65	3.25
30	E355-CPR-G	35.5	6.5	12.89	2
	E355-DPR-G	35.5	6.5	12.89	2
	E355-EPR-G	35.5	6.5	12.89	2
	E355-FPR-G	35.5	6.5	12.89	2
	E355-GPR-G	35.5	8.25	14.64	3.25
35	E410-CPR-G	41	6.5	13.88	2
	E410-DPR-G	41	6.5	13.88	2
	E410-EPR-G	41	6.5	13.88	2
	E410-FPR-G	41	6.5	13.88	2
	E410-GPR-G	41	8.25	15.63	3.25
40	E460-DPR-G	46	6.5	14.78	2
	E460-EPR-G	46	6.5	14.78	2
	E460-FPR-G	46	6.5	14.78	2
	E460-GPR-G	46	8.25	16.53	3.25
45	E520-DPR-G	52	6.5	15.86	2
	E520-EPR-G	52	6.5	15.86	2
	E520-FPR-G	52	6.5	15.86	2
	E520-GPR-G	52	8.25	17.61	3.25
	E520-HPR-G	52	8.25	17.61	3.25
50	E570-DPR-G	57	6.5	16.76	2
	E570-EPR-G	57	6.5	16.76	2
	E570-FPR-G	57	6.5	16.76	2
	E570-GPR-G	57	8.25	18.51	3.25
	E570-HPR-G	57	8.25	18.51	3.25

## How to Order:



### ARM (PENDANT MOUNT)

- 100 - Top Mounted Tapered Elliptical Aluminum Arm
- 120 - Side Mounted Elliptical Aluminum Arm
- 130 - Shoe Box Arm
- 170 - Victorian Scroll Arm

\*Additional options available on website

### OPTIONS

- DR - 2 Outlets
- GFI - Ground Fault 2 Outlet
- SR - 1 Outlet
- LRN - Ladder Rest
- BPC - Base Plate Cover
- AB - Anchor Bolts
- BA - Banner Arms
- FH - Flag Holders

\*Additional options available on website

**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	25	E300-CPR-G	7	100	0-8	15	150	8-14	9	110	14-20	13	195	20-27
		E300-DPR-G	7	100	0-8	15	150	8-14	13	155	14-20	18.5	280	20-27
		E300-EPR-G	7	100	0-8	15	150	8-14	18	220	14-20	25.5	385	20-27
		E300-FPR-G	7	100	0-8	15	150	8-14	26	315	14-20	33	495	20-27
		E300-GPR-G	7	100	0-8	15	150	8-14	36	435	14-20	43	645	20-27
30	30	E355-CPR-G	7	100	0-8	15	150	8-14	9.5	115	14-24	13	195	24-32
		E355-DPR-G	7	100	0-8	15	150	8-14	13	155	14-24	18.5	280	24-32
		E355-EPR-G	7	100	0-8	15	150	8-14	18	220	14-24	25.5	385	24-32
		E355-FPR-G	7	100	0-8	15	150	8-14	26	315	14-24	33	495	24-32
		E355-GPR-G	7	100	0-8	15	150	8-14	36	435	14-24	43	645	24-32
35	35	E410-CPR-G	7	100	0-8	15	150	8-14	9	110	14-28	13	195	28-37
		E410-DPR-G	7	100	0-8	15	150	8-14	12.5	150	14-28	18.5	280	28-37
		E410-EPR-G	7	100	0-8	15	150	8-14	18	220	14-28	25	375	28-37
		E410-FPR-G	7	100	0-8	15	150	8-14	25	300	14-28	33	495	28-37
		E410-GPR-G	7	100	0-8	15	150	8-14	35	420	14-28	43	645	28-37
40	40	E460-DPR-G	7	100	0-8	15	150	8-14	12	145	14-32	18	270	32-42
		E460-EPR-G	7	100	0-8	15	150	8-14	17.5	210	14-32	24.5	370	32-42
		E460-FPR-G	7	100	0-8	15	150	8-14	25	300	14-32	32	480	32-42
		E460-GPR-G	7	100	0-8	15	150	8-14	34	410	14-32	42	630	32-42
45	45	E520-DPR-G	7	100	0-8	15	150	8-14	12	145	14-36	17	255	36-47
		E520-EPR-G	7	100	0-8	15	150	8-14	17	205	14-36	23.5	355	36-47
		E520-FPR-G	7	100	0-8	15	150	8-14	23.5	285	14-36	31.5	475	36-47
		E520-GPR-G	7	100	0-8	15	150	8-14	33	400	14-36	41	615	36-47
		E520-HPR-G	7	100	0-8	15	150	8-14	42	505	14-36	53	795	36-47
50	50	E570-DPR-G	7	100	0-8	15	150	8-14	11	135	14-40	16.5	250	40-52
		E570-EPR-G	7	100	0-8	15	150	8-14	16	195	14-40	23	345	40-52
		E570-FPR-G	7	100	0-8	15	150	8-14	22	265	14-40	31	465	40-52
		E570-GPR-G	7	100	0-8	15	150	8-14	32	385	14-40	40	600	40-52
		E570-HPR-G	7	100	0-8	15	150	8-14	40	480	14-40	52	780	40-52

**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)
120 mph // AASHTO LTS-6 25	E300-CPR-G	4	60	0-8	10	100	8-14	3.5	45	14-20	7	105	20-27
	E300-DPR-G	4	60	0-8	10	100	8-14	6.5	80	14-20	9.5	145	20-27
	E300-EPR-G	4	60	0-8	10	100	8-14	8.5	105	14-20	14	210	20-27
	E300-FPR-G	4	60	0-8	10	100	8-14	13	160	14-20	18.5	280	20-27
	E300-GPR-G	4	60	0-8	10	100	8-14	18	215	14-20	24	360	20-27
30	E355-CPR-G	4	60	0-8	10	100	8-14	3.5	45	14-24	7	105	24-32
	E355-DPR-G	4	60	0-8	10	100	8-14	6.5	80	14-24	9.5	145	24-32
	E355-EPR-G	4	60	0-8	10	100	8-14	8.5	105	14-24	14	210	24-32
	E355-FPR-G	4	60	0-8	10	100	8-14	13	160	14-24	18.5	280	24-32
	E355-GPR-G	4	60	0-8	10	100	8-14	17.5	210	14-24	24	360	24-32
35	E410-CPR-G	4	60	0-8	10	100	8-14	3.5	45	14-28	6.5	100	28-37
	E410-DPR-G	4	60	0-8	10	100	8-14	6.5	80	14-28	9	135	28-37
	E410-EPR-G	4	60	0-8	10	100	8-14	8.5	105	14-28	13.5	205	28-37
	E410-FPR-G	4	60	0-8	10	100	8-14	12.5	150	14-28	18	270	28-37
	E410-GPR-G	4	60	0-8	10	100	8-14	17	205	14-28	23.5	355	28-37
40	E460-DPR-G	4	60	0-8	10	100	8-14	6	75	14-32	8.5	130	32-42
	E460-EPR-G	4	60	0-8	10	100	8-14	8	100	14-32	13	195	32-42
	E460-FPR-G	4	60	0-8	10	100	8-14	12	145	14-32	17.5	265	32-42
	E460-GPR-G	4	60	0-8	10	100	8-14	16.5	200	14-32	22.5	340	32-42
45	E520-DPR-G	4	60	0-8	10	100	8-14	5.5	65	14-36	8	120	36-47
	E520-EPR-G	4	60	0-8	10	100	8-14	8	100	14-36	12	180	36-47
	E520-FPR-G	4	60	0-8	10	100	8-14	12	145	14-36	16.5	250	36-47
	E520-GPR-G	4	60	0-8	10	100	8-14	16	195	14-36	21.5	325	36-47
	E520-HPR-G	4	60	0-8	10	100	8-14	21.5	260	14-36	28	420	36-47
50	E570-DPR-G	4	60	0-8	10	100	8-14	4.5	55	14-40	7.5	115	40-52
	E570-EPR-G	4	60	0-8	10	100	8-14	7	85	14-40	11.5	175	40-52
	E570-FPR-G	4	60	0-8	10	100	8-14	11.5	140	14-40	15.5	235	40-52
	E570-GPR-G	4	60	0-8	10	100	8-14	14.5	175	14-40	21	315	40-52
	E570-HPR-G	4	60	0-8	10	100	8-14	20	240	14-40	27.5	415	40-52

**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