



**Notes**

- 1. Conduit  
Use 1"+ Sch40 PVC from post to building. Bury 18" minimum. Use sweeping 90s only. Include pull string at both ends. Strap conduit at both ends. Run conduit to post top and stub 18" above grade at building.
  - 2. Cable  
Maximum Cat6 length is 300 ft. Place post within 150 ft of building.
  - 3. Height / Access  
Post must be at least 8' above grade. Taller posts require bucket-truck access. Avoid locations blocked by fences, trees, or terrain.
  - 4. Post  
Use Pressure Treated 4x4 or 2" or 3" galvanized pipe. Set 8-10' posts 24" deep. Set 12'+ posts 36" deep or 10% of height plus 24". Use concrete footing and keep post plumb.
- See Outdoor Wifi access Point Installation Guideliness SOP For More Details.

Dept. <b>CEMC ENG</b>	Technical reference Member Placed Structures SOP	Created by <b>L Jones</b>	11/20/2025	Approved by <b>R Fuqua</b>	8/23/2024
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