

**DRC**

PZ25- 12000044  
12/17/2025

# Utilities Structures 1.800.798.POLE Inc.

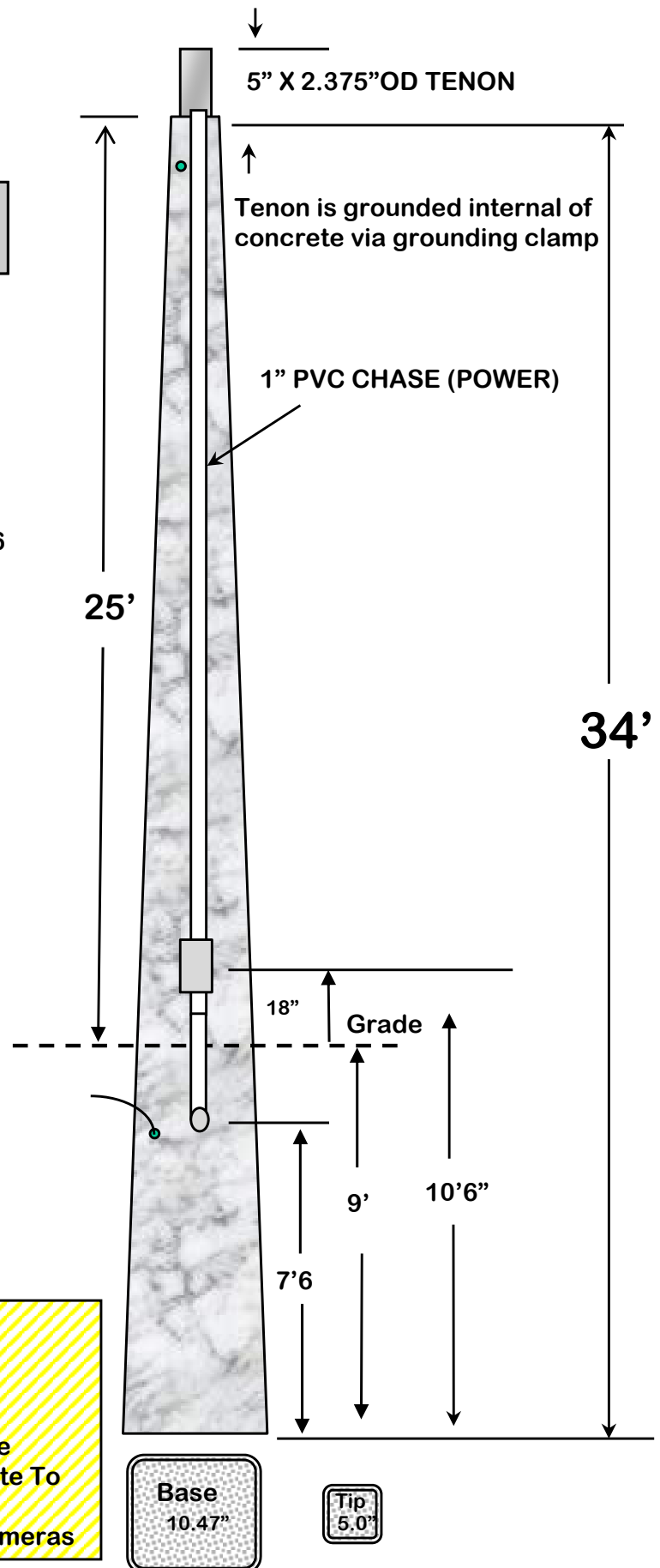
**USI34TIIS-10676**

## Prestressed Concrete Pole

- Pole Weight = 2,180lbs
- Wind speed = 180mph Vult
- Exposure "C"
- Risk Category IV
- Gust Factor = 1.2
- Load factor = 1.3
- 8<sup>th</sup> Edition 2023 FBC 1620 HVHZ, 1609, 1806
- ASCE 7-22
- Min. Brk. Strength = 1,800#
- Concrete = 7,500lbs @ 28 days
- Grd. Wire = #6 str. copper
- Strand = 1/2" @ 70% Ultimate
- Tenon = 2.375 x 5"

**MP STRUCTURES**

**RUTH POWELL, S.E., P.E.**



## PROJECT:

This pole embedded 9' in to soils with an allowable Passive pressure of 300pcf is structurally adequate To resist the local wind speeds of Co. with The 3.0 sqft epa attached inclusive of Lights & Cameras

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