



05/17/2017

Verizon Piedmont High School

Heights over '35

The Foundation for a Wireless World.

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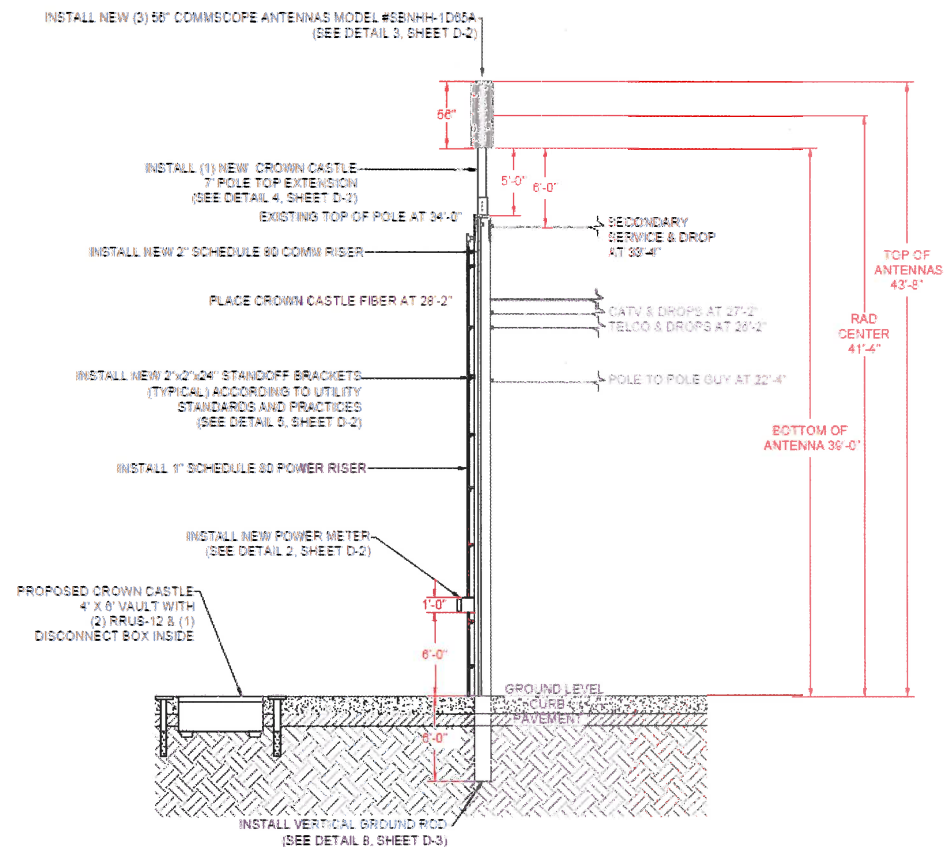
MAY 19 2017

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CA-PHSo2m2

Rad Center (41' 4")

GO 95 and the CPUC regulates the placement of microcellular antennas in relation to the separation between the various utility companies and their lines on wood poles. Due to the terrain in this area we are using 4ft antennas as it provides much better signal control compared to 2ft antennas. Looking at the pole, we need 6 feet separation between the secondary power (33' 4") and the top of the antenna. Also from the bottom of the antenna to the future crown castle fiber (28' 2") we need 2 feet separation. In total we need 12 feet separation between the secondary power and the future crown castle fiber in order to place the antennas which we don't have. We only have 5' 2" clearance on this pole, therefore we placed the antennas on top of the pole. Placing the antennas below the communication zone not only would decrease the coverage as it will be affected by surrounding foliage and the building structures, but it would also bring them closer to the pedestrians.



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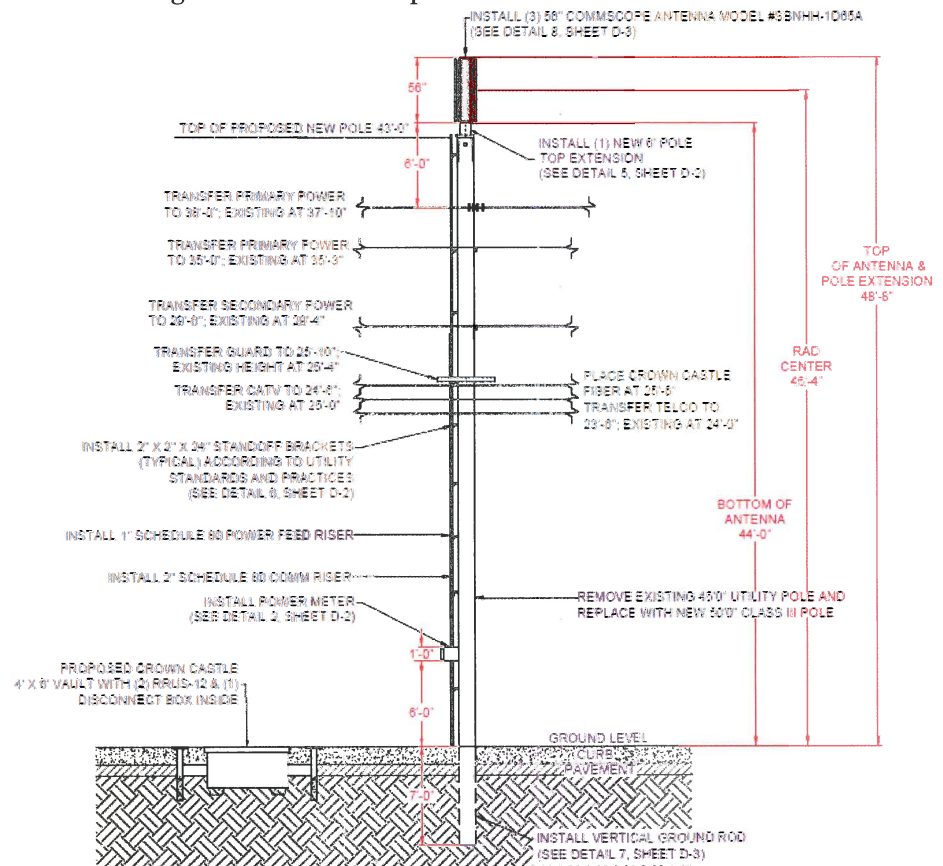
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CA-PHS05m2

Rad Center (46' 4")

GO 95 and the CPUC regulates the placement of microcellular antennas in relation to the separation between the various utility companies and their lines on wood poles. Due to the terrain in this area we are using 4ft antennas as it provides much better signal control compared to 2ft antennas. Looking at the pole, we need 6 feet separation between the secondary power (29' 4") and the top of the antenna. Also from the bottom of the antenna to the future crown castle fiber (25' 6") we need 2 feet separation. In total we need 12 feet separation between the secondary power and the future crown castle fiber in order to place the antennas which we don't have. We only have 3' 10" clearance on this pole, therefore we placed the antennas on top of the pole. Placing the antennas below the communication zone not only would decrease the coverage as it will be affected by surrounding foliage and the building structures, but it would also bring them closer to the pedestrians.



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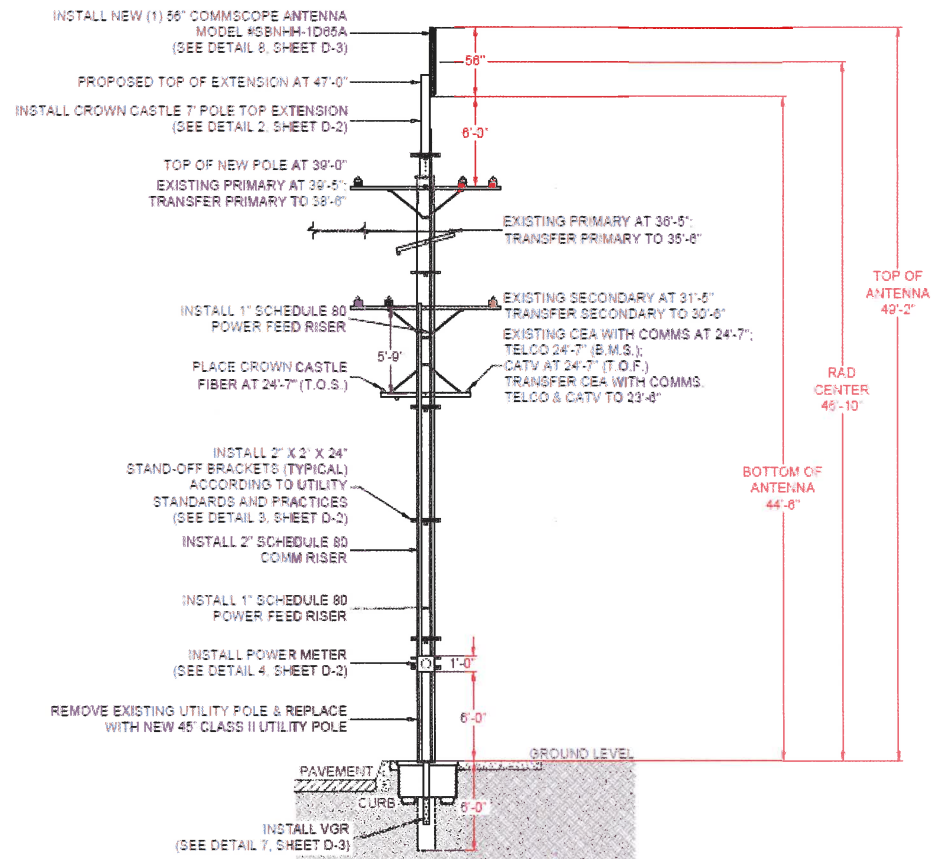
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CA-PHS06m

Rad Center (46' 10")

GO 95 and the CPUC regulates the placement of microcellular antennas in relation to the separation between the various utility companies and their lines on wood poles. Due to the terrain in this area we are using 4ft antennas as it provides much better signal control compared to 2ft antennas. Looking at the pole, we need 6 feet separation between the secondary power (31' 5") and the top of the antenna. Also from the bottom of the antenna to the future crown castle fiber (24' 7") we need 2 feet separation. In total we need 12 feet separation between the secondary power and the future crown castle fiber in order to place the antenna which we don't have. We only have 6' 10" clearance on this pole, therefore we placed the antenna on top of the pole. Placing the antenna below the communication zone not only would decrease the coverage as it will be affected by surrounding foliage and the building structures, but it would also bring them closer to the pedestrians.



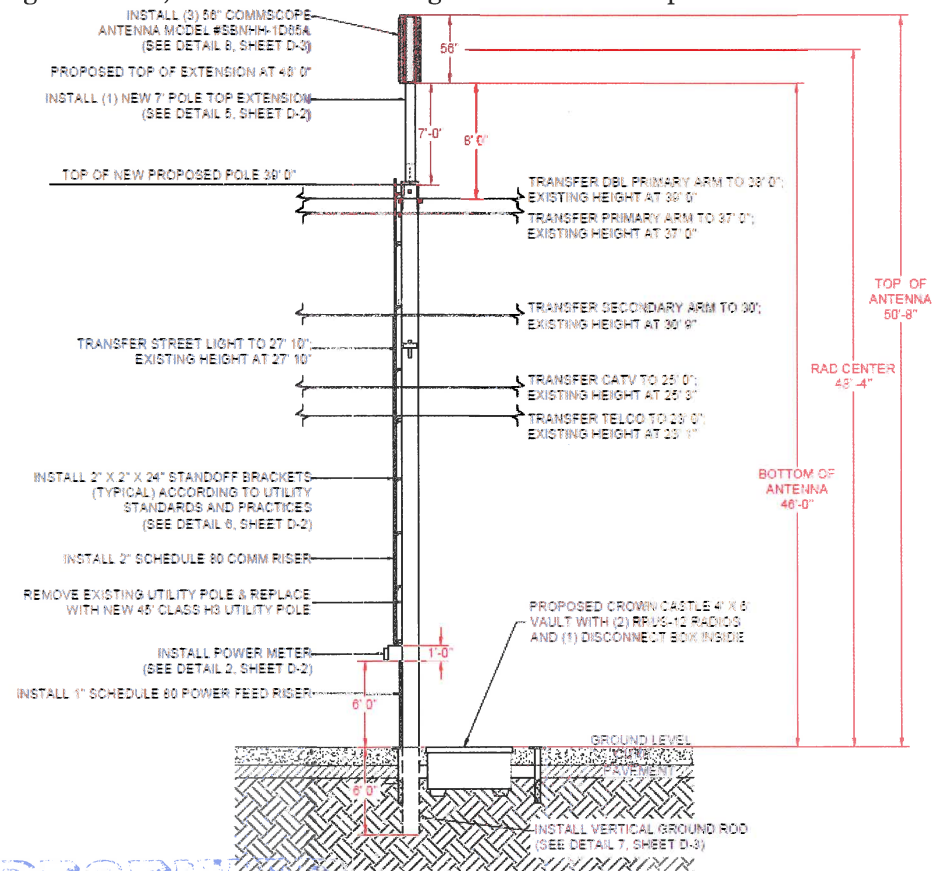
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CA-PHS07m2

Rad Center (48' 4")

GO 95 and the CPUC regulates the placement of microcellular antennas in relation to the separation between the various utility companies and their lines on wood poles. Due to the terrain in this area we are using 4ft antennas as it provides much better signal control compared to 2ft antennas. Looking at the pole, we need 6 feet separation between the secondary power (30' 9") and the top of the antenna. Also from the bottom of the antenna to CATV (25' 0") we need 2 feet separation. In addition there's a street light on the communication zone. In total we need 12 feet separation between the secondary power and CATV in order to place the antennas which we don't have. We only have 5' 9" clearance on this pole, therefore we placed the antennas on top of the pole. Placing the antennas below the communication zone not only would decrease the coverage as it will be affected by surrounding foliage and the building structures, but it would also bring them closer to the pedestrians.



CROWN
CASTLE

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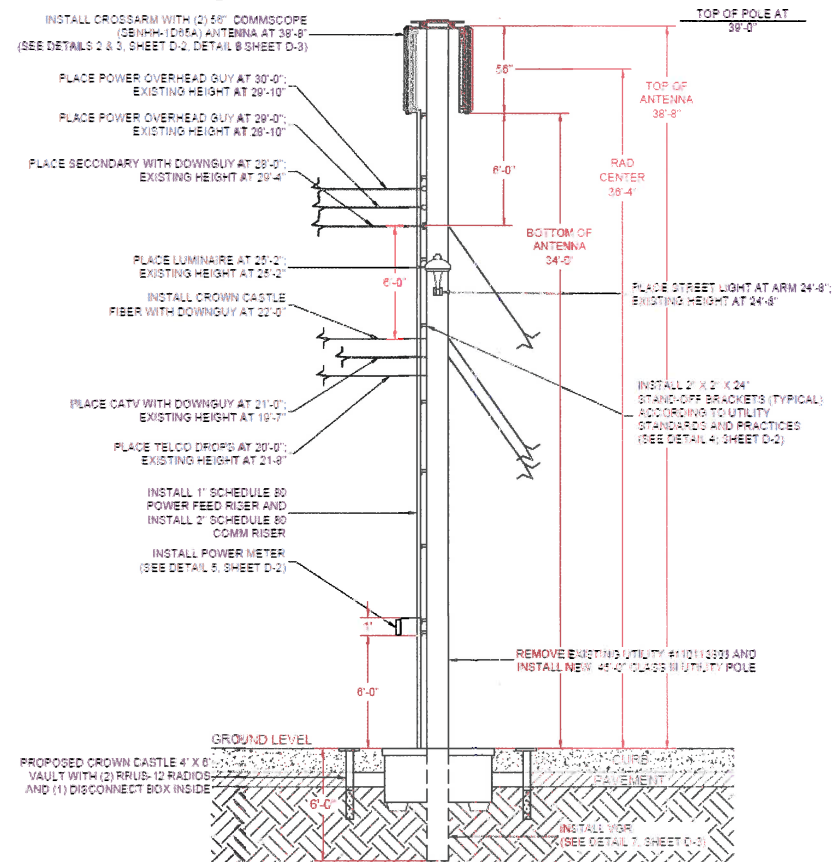
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CA-PHS08m

Rad Center (36' 4")

GO 95 and the CPUC regulates the placement of microcellular antennas in relation to the separation between the various utility companies and their lines on wood poles. Due to the terrain in this area we are using 4ft antennas as it provides much better signal control compared to 2ft antennas. Looking at the pole, we need 2 feet separation between street light (24' 8") and the top of the antenna. Also from the bottom of the antenna to the future crown castle fiber (22' 0") we need 2 feet separation. In total we need 8 feet separation between the street light and the future crown castle fiber in order to place the antennas which we don't have. We only have 2' 8" clearance on this pole, therefore we placed the antennas on top of the pole. Placing the antennas below the communication zone not only would decrease the coverage as it will be affected by surrounding foliage and the building structures, but it would also bring them closer to the pedestrians.



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Thank You

FOR FURTHER INFORMATION
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