



NOTES:

1. DIMENSIONS FOR THE ANCHOR BASE AND ANCHOR BOLTS ARE VARIABLE FOR THE HEIGHT OF THE LIGHT STANDARD AND THE MAST ARM CONFIGURATION. ALL COMPONENTS SHALL FIT AND ACCOMMODATE THE REQUIREMENTS OF THE LIGHT STANDARD SUPPLIED. FIELD MODIFICATIONS ON ANY COMPONENTS SHALL BE APPROVED BY A LICENSED STRUCTURAL ENGINEER AND UCB.
2. FOUNDATION SHALL BE 7 FT. FOR LIGHT STANDARDS 20 FT. THROUGH 40 FT., AND 6 FT. FOR LIGHT STANDARDS LESS THAN 20 FT.
3. LIGHT STANDARD FOUNDATION DEPTH IS BASED ON A MAXIMUM POLE HEIGHT OF 40 FT. IN STIFF CLAY WITH $N > 8$ OR MEDIUM SAND WITH $N > 15$ AS DETERMINED BY ASTM D 1586 STANDARD PENETRATION TEST.
4. FOUNDATIONS FOR LIGHT POLE STANDARDS HIGHER THAN 40 FT. OR LIGHT STANDARDS WITH MULTIPLE LUMINARIES OR BANNERS, OR VARYING SOIL OR WIND CONDITIONS, SHALL BE DESIGNED BY A LICENSED ENGINEER.
5. CONCRETE SHALL BE CLASS B, 4000 PSI COMPRESSIVE STRENGTH, WITH A MAXIMUM WATER CONTENT OF 0.48 AND A SLUMP OF 1" TO 4".
6. LIGHT POLE FOUNDATIONS SHALL EXTEND 3 FT. ABOVE GRADE IN PARKING LOTS AND 4 IN. ABOVE GRADE IN ALL OTHER LOCATIONS.

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UNIVERSITY OF COLORADO
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STANDARD DETAIL

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