



BASE DIAGRAM

BASE PLATES SHALL BE PER POLE MANUFACTURER SPECIFICATIONS

POLE & ARM CONFIGURATION	FOUNDATION DEPTH			
	SOIL TYPE			
	SAND/GRAVEL ($\phi=30^\circ$, $\gamma=110\text{pcf}$)	STIFF CLAY ($C=1.0$)	MEDIUM CLAY ($C=0.60$)	SOFT CLAY ($C=0.25$)
21' TALL WITH 1 OR 2 ARMS UP TO 10' EACH	5'-3"	6'-6"	7'-4"	9'-6"
26' TALL WITH 1 ARM UP TO 12'	5'-9"	6'-9"	7'-8"	8'-6"
26' TALL WITH 2 ARMS UP TO 12' EACH	6'-3"	7'-3"	8'-4"	10'-0"

- NOTES:**
- C = COHESION MEASURED IN KIPS PER SQUARE FOOT.
 - CONTRACTOR SHALL DETERMINE SOIL TYPE BY TAKING UNDISTURBED SAMPLES AS REQUIRED BY THE CITY ENGINEER.
 - ANALYSIS BY PROFESSIONAL STRUCTURAL ENGINEER ON FILE WITH CITY ENGINEER.

AGENCY APPROVED _____ L _____

SPECIFICATION REFERENCE	
501	PORTLAND CEMENT CONCRETE
623	TRAFFIC SIGNALS & STREET LIGHTING

**UNIFORM STANDARD DRAWINGS
CLARK COUNTY AREA**

**CITY OF LAS VEGAS
STREET LIGHT POLE FOUNDATION
FOR DOWNTOWN CENTENNIAL
AND TOWN CENTER AREAS**

DATE 08-09-18 DWG. NO. 343