ANCHOR BOLTS
INSTALLATION IN SOIL
ROUNDED CORNERS FOR AREA TO BE GROUTED
FINISHED GRADE
HEX NUT
ANCHOR BOLT
COVER
AS DIRECTED BY THE ENGINEER.
PLUMB OR CANT POLE
SQUARE NUT USED TO CONDUIT
GRADE (SOIL)
FINISHED 3"
24"
1"
2"
3"
3" CONDUIT SWEEP
2"
3" CONDUIT SWEEP
ANCHOR BOLTS
GROUND ROD (1/2" X 2" X 24") EMBED 6'-0" INTO UNDISTURBED SOIL
3" CONDUIT SWEEP
FINISHED GRADE
TYPICAL INSTALLATION (BASES 1, 2, 2A, 2B, 3, 3A, AND 3B)
NOTE:
1. PLACE 2 EACH 6" LONG x 1/2" DIA. P.V.C., SCHEDULE 40 (TYP) VENTS IN THE GROUT AS DIRECTED IN THE FIELD BY ENGINEER.
2. SEE POLE BASE DATA CHART ON DETAIL T-5, SHEET 3 OF 4, FOR POLE BASE DIMENSIONS.
3. STRAIN POLES AND MAST ARMS UP TO 60' SHALL USE 3/4" ANCHORS BOLTS, SUPPLIED BY THE DEPARTMENT.
4. MAST ARMS FROM 70-90' SHALL USE 2 1/2" ANCHOR BOLTS, SUPPLIED BY THE DEPARTMENT.
5. ALL OTHER POLE BASES NOT LISTED SHALL ADHERE TO MANUFACTURER AND DEPARTMENT STANDARDS.
6. PER MANUFACTURER SPECIFICATIONS AND DETAILS, THE CONTRACTOR SHALL ENSURE THAT THE FOLLOWING LENGTH OF THREADS ARE EXPOSED PER EACH POLE TYPE:
   - STRAIN: 10"
   - B (MAST): 9 1/2"
   - C (MAST): 12"
   - CAMERA: 7"
   - LIGHTING: 4 1/2"
7. MAXIMUM EXPOSED FOUNDATION DEPTH OF 4" AT FINISHED GRADE TO APPROACHING TRAFFIC.

TYPICAL SECTION (BASES 1, 2, 2A, 2B, 3, 3A, AND 3B)
EXPANSION MATERIAL
FINISHED GRADE (SIDEWALK, PAVEMENT, ETC.)
""
3"
SEENOTE #6
ANCHOR BOLTS, SUPPLIED BY THE DEPARTMENT.
4"
3"
2"
4"
1"
- LIGHTING: 4 1/2"
- C (MAST): 12"
- CAMERA: 7"
- B (MAST): 9 1/2"
- STRAIN: 10"

SEE NOTE #6
MAX
DATE
RECOMMENDED
STANDARD NO.
T-5 (2020)
SHT. 2 OF 4
REVIEWED
APPROVED
09/01/2020
08/21/2020