NOTES
1. SEE GENERAL NOTES STANDARD DRAWING NO. 313.
2. CONTINUOUS BARE COPPER GROUNDING CONDUCTOR SHALL BE LOOPED AROUND ANCHOR BOLTS ONE TIME AND CONNECTED TO EACH ANCHOR BOLT BEFORE CONTINUING DOWN TO THE POLE GROUNDING PLATE.
3. FOUNDATION CAP SHALL BE CONCRETE OR GROUT AS DESIGNATED BY THE ENTITY ENGINEER.
SECTION

1. **Foundation Depth**
   - 11 GA. POLE: 4'-0"
   - 7 GA. POLE: 5'-0"

2. **TOP OF CURB ELEVATION**
   - 24" MIN, 36" MAX

3. **TOP OF ANCHOR BOLTS**
   - 6'-0" IN SIDEWALK
   - 7'-0" IN OPEN AREA

4. **MASS OF FOUNDATION**
   - 24" SQUARE

5. **CONCRETE FOUNDATION**
   - F4045 TIES AT 6" SPACING
   - 15# FELT (2 LAYERS)
   - POLE GROUNDING PLATE PER NEC 250-83

6. **ANCHOR BASE**
   - TAPER CONCRETE CAP TO FINISHED GRADE ALL AROUND
   - 4" MIN. - 6" MAX. CONCRETE CAP

7. **ANCHOR BOLT GROUNDING CONNECTORS**
   - BRONZE ANCHOR BOLT GROUNDING CONNECTORS, UL LISTED FOR UNDERGROUND USE (ONE PER BOLT)
   - SEE NOTE 2
   - HOT-DIP GALVANIZED ANCHOR BOLT, TYP.
   - #4 AWG SINGLE-STRAND BARE COPPER GROUNDING CONDUCTOR

8. **CONDUIT**
   - (2) 1-1/4" PVC CONDUIT, TYP. (4 TOTAL)

9. **POLE GROUNDING PLATE**
   - PER NEC 250-83

10. **ALTERNATE 30" DIAMETER FOUNDATION**
    - OFFSET AS NEEDED TO STAY WITHIN RIGHT-OF-WAY

11. **TOPOGRAPHIC FEATURES**
    - TOP OF CURB
    - ELEVATION TAPER: 1" MIN. TO SIDEWALK
    - 2" MIN. TO OPEN AREA GRADE

12. **GROUND LEVEL FEATURES**
    - 3" TYP.
    - 3" MAX TOP OF FOUNDATION
    - 24" SQUARE

13. **STANDARD DRAWING REFERENCES**
    - FOR CONDUIT LENGTH, SEE STANDARD DRAWING NO. 338, 339 OR 340

14. **SPECIFICATION REFERENCES**
    - 501 PORTLAND CEMENT CONCRETE
    - 623 TRAFFIC SIGNALS & STREETLIGHTING

15. **DATE**
    - 01-09-20

16. **DWG. NO.**
    - 321

17. **SHEET**
    - 2 OF 2