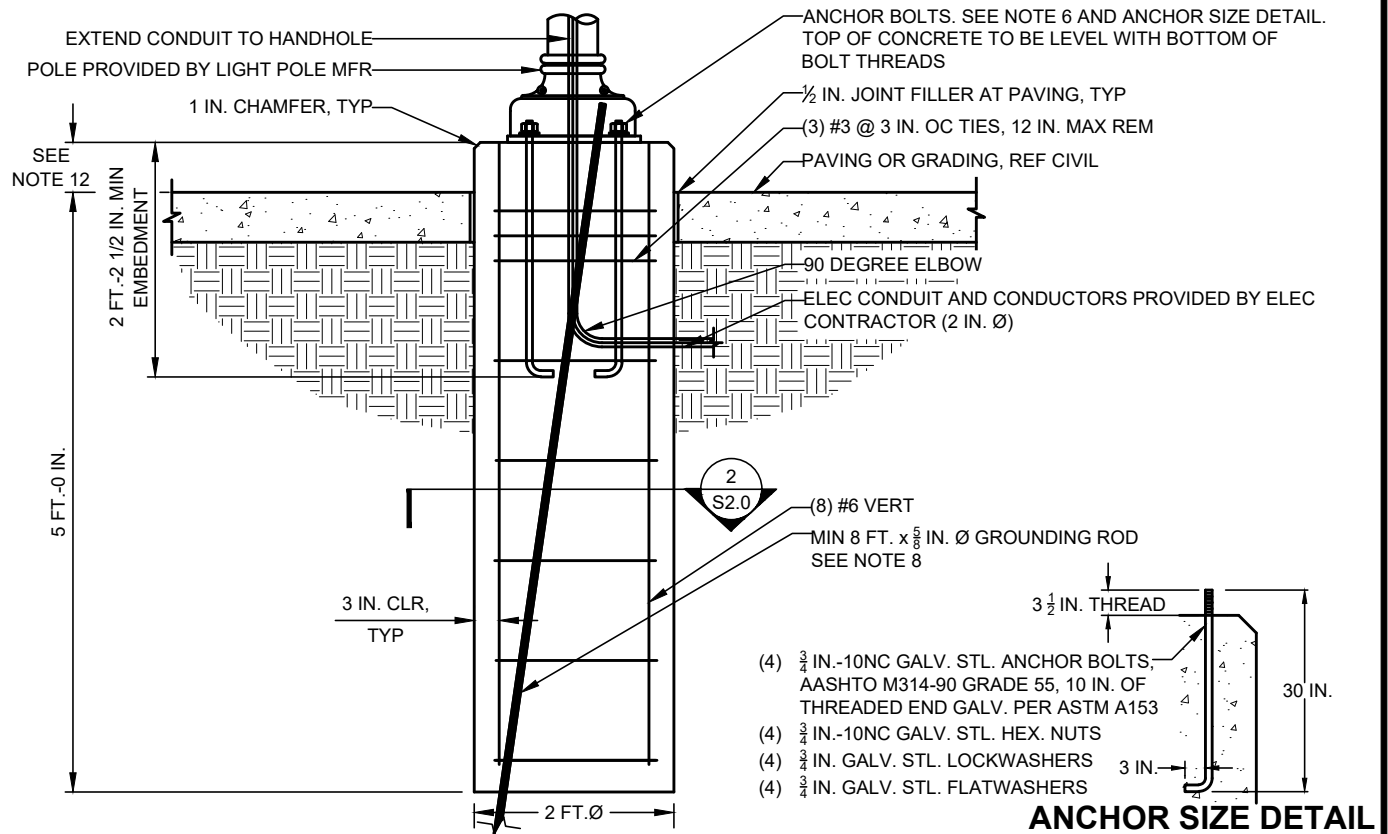
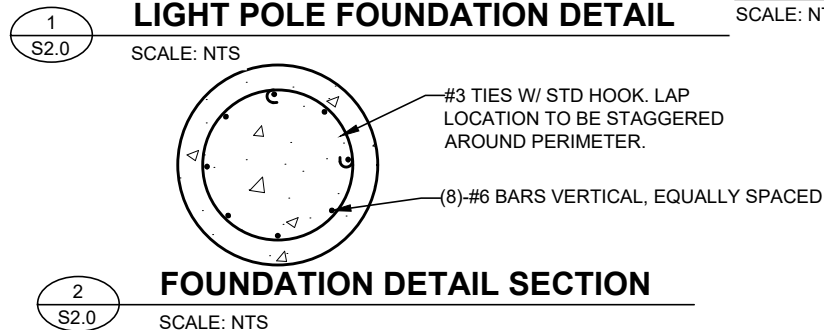


1. THIS STANDARD IS INTENDED FOR USE IN THE CITY OF WACO.
2. MATERIALS AND WORKMANSHIP SHALL CONFORM WITH THE REQUIREMENTS OF CITY OF WACO STANDARD SPECIFICATIONS.
3. THE LIGHT POLE FOUNDATION IS DESIGNED FOR THE HAPCO S6414-B6-4-SR-STAFFORD-NEXGENMOD-15 IN. DECORATIVE BASE POLE. THE ASSOCIATED FIXTURES ARE THE HADCO HFP420 TWIN ARM BRACKET WITH (2) CXF14 PENDANTS. IF CHANGES TO THE POLE, ARM BRACKET, OR PENDANTS ARE MADE, THE CITY SHALL BE NOTIFIED AND THIS DESIGN MUST BE VERIFIED OR REDESIGNED BY AN ENGINEER LICENSED IN THE STATE OF TEXAS.
4. THE CONTRACTOR SHALL VERIFY LIGHT POLE STRUCTURE, ARM BRACKET, AND FIXTURE WITH CITY PRIOR TO CONSTRUCTION.
5. SHOP DRAWING SUBMITTAL REQUIRED FOR REVIEW AND APPROVAL BY THE CITY.
6. THE BOTTOM OF ANCHOR BOLTS SHALL HAVE A 90° "L" BEND. THE ANCHOR BOLTS SHALL BE EMBEDDED A MINIMUM OF 26-1/2 IN. INTO THE DRILLED SHAFT. ALL NECESSARY ANCHOR BOLTS AND TEMPLATES FOR SETTING ANCHOR BOLTS SHALL BE FURNISHED IMMEDIATELY AFTER AWARD OF THE CONTRACT, REGARDLESS OF POLE DELIVERY SCHEDULES. ANY ANCHOR BOLTS THAT DO NOT MEET THE MINIMUM DIAMETER OR EMBEDMENT DEPTH SHALL BE DESIGNED BY A LICENSED ENGINEER IN THE STATE OF TEXAS.
7. POLE FOUNDATION SHALL NOT BE LOCATED WITHIN 6 FT. OF EXISTING DEEP FOUNDATIONS.
8. GROUND RODS SHALL BE COPPER-CLAD AND INSTALLED IN EACH POLE FOUNDATION AT THE POINT OF SERVICE DISCONNECT. ALL GROUND RODS AT POLE FOUNDATIONS SHALL BE INSTALLED IN THE CONCRETE FOUNDATION AND AT AN ANGLE AS TO PENETRATE THE SOIL ON THE SIDE OF THE FOUNDATION. GROUND ROD SHALL EXTEND BETWEEN 4 IN. AND 6 IN. ABOVE THE TOP OF CONCRETE FOUNDATION FINISHED GRADE. INSTALLATIONS OUTSIDE THE FOUNDATION ARE NOT ACCEPTABLE.
9. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH $f'_c = 4,000$ PSI AT 28 DAYS.
10. ALL REINFORCING STEEL SHALL BE GRADE 60.
11. ALL REINFORCING STEEL SHALL HAVE A MINIMUM OF 3 IN. COVER TO CENTER OF BAR, UNLESS NOTED OTHERWISE.
12. THE FOUNDATION BASE HEIGHT ABOVE TOP OF ADJOINING PAVED, CONCRETE, OR OTHER HARD SURFACES SHALL BE 2 IN. THE FOUNDATION BASE HEIGHT ABOVE ADJOINING GRASSED/ VEGETATED AREA SHALL BE 4 IN.



IBC 2018 WITH AMENDMENTS
DEAD: SELF WEIGHT
WIND: $V_{ult} = 110$ MPH
 $V_{asd} = 86$ MPH
EXPOSURE CATEGORY = D
SOIL BEARING: 1500 PSF
RISK CATEGORY 1



TO BE USED IN DOWNTOWN IMPLEMENTATION PLAN ZONE WITH APPROVAL OF DIRECTOR OF PUBLIC WORKS.



DISCLAIMER: THE USE OF THIS STANDARD IS GOVERNED BY THE "TEXAS ENGINEERING PRACTICE ACT". NO WARRANTY OF ANY KIND IS MADE BY THE CITY OF WACO FOR ANY PURPOSE WHATSOEVER. THE CITY OF WACO ASSUMES NO RESPONSIBILITY FOR THE CONVERSION OF THIS STANDARD TO OTHER FORMATS OR FOR INCORRECT RESULTS OR DAMAGES RESULTING FROM ITS USE.

REVISIONS			
NO.	COMMENTS	BY	DATE
##	DESCRIPTION	FI	MM/DD/YYYY

DATE
01/01/2024

T-SPL-3