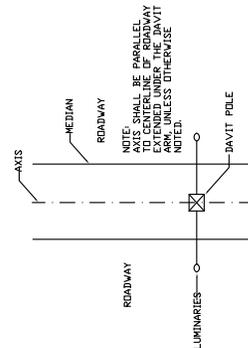


# 1 Davit Pole Base Detail

N.T.S.

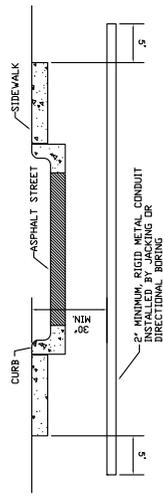
## DAVIT POLE BASE NOTES:

1. ELEVATION OF TOP SHALL BE THE SAME AS THE ELEVATION OF THE CURB OR SIDEWALK OR THE SAME AS THE ELEVATION OF THE CROWN OF THE ROADWAY UNDER THE DAVIT ARM, WHICHEVER IS HIGHER. THE CONTRACTOR SHALL FIELD VERIFY THE ELEVATIONS.
2. EACH FOUNDATION SHALL HAVE AT LEAST 3 #4 2' C. STUBBED UP INTO THE BASE AND ORIENTED AS REQUIRED TO SERVE THE ENTERING CABLES.
3. CONDUITS SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY REQUIREMENTS AND BOLT HOLE PATTERN WITH THE CITY REQUIREMENTS.
4. UNLESS OTHERWISE NOTED, THE DESIGN OF THE POLES, DAVIT ARMS AND LUMINAIRES SHALL CONFORM TO THE REQUIREMENTS OF THE CURRENT ASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, STRUCTURAL LIGHT FIXTURES AND TRAFFIC SIGNALS. THE DESIGN SHALL WITHSTAND ICE AND 80 MPH WINDS WITH 104 MPH GUSTS.



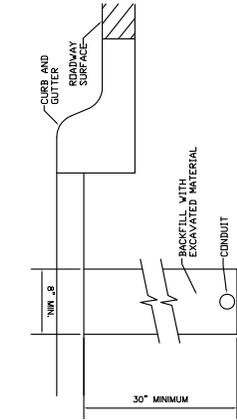
# 2 Foundation Orientation

N.T.S.



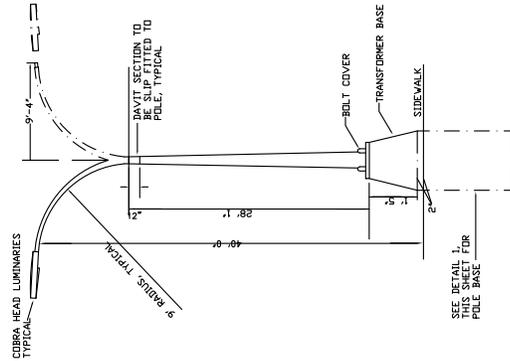
# 3 Street Crossing Detail

N.T.S.



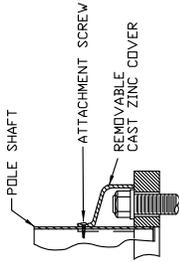
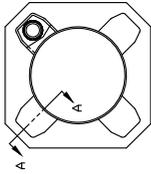
# 4 Conduit Under Median

N.T.S.



# 5 Davit Pole Detail

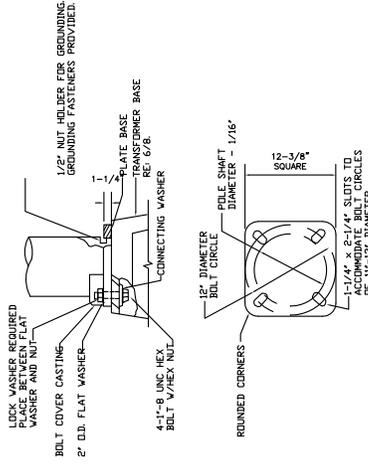
N.T.S.



SECTION A-A

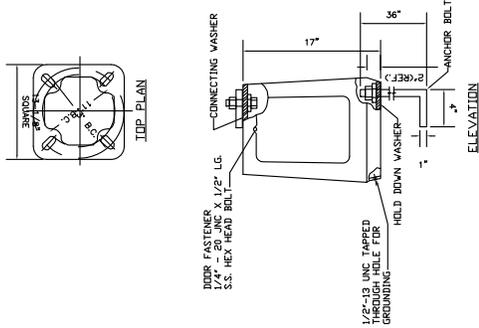
# 6 Bolt Cover Detail

N.T.S.



# 7 Base Plate Detail

N.T.S.



# 8 Transformer Base Detail

N.T.S.

## TRANSFORMER BASE NOTES:

- DDR OPENING APPROXIMATELY 8-3/4" x 9-1/4" x 13".
- TOP BOLT HOLES WILL ACCOMMODATE MAXIMUM 1" DIA. BOLTS.
- 4" GALVANIZED 2-1/2" DIA. 1/2" THK. U.B. BOLT WASHERS PROVIDED FOR INSTALLATION UNDER ANCHOR BOLT HEX NUTS AS SHOWN.
- 4" GALVANIZED 2-1/2" DIA. 3/8" THK. CONNECTING WASHERS PROVIDED FOR INSTALLATION UNDER THE TRANSFORMER BASE TOP FLANGE AS SHOWN.
- MATERIAL SHALL CONFORM TO COMMERCIAL DESIGNATION, A356-16 AL30.
- BASE DESIGN IS TO BEAR IN MIND CRITERIA OF ASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS (1975).

ELECTRICAL DETAILS  
STREETLIGHTING

CITY OF BURLESON

P-27b	ORIGINAL	6/6/08	SWC
	REVISION		
	REVISION		
	REVISION		