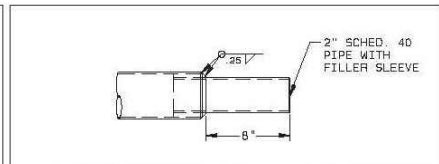
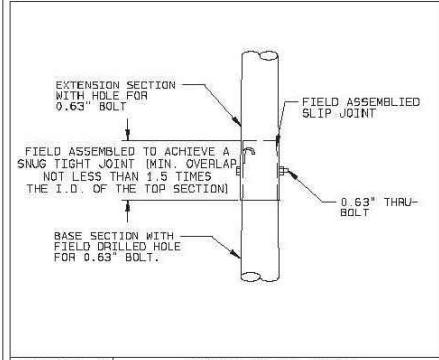


SEE ARM TUBE DATA (TYPICAL)

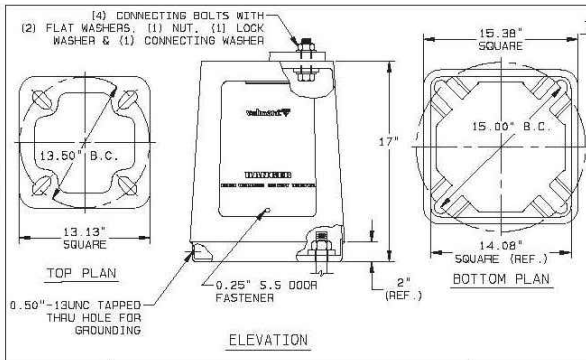
DESIGN INFORMATION  
 CRITERIA: AASHTO 2001  
 WIND VELOCITY: 90 MPH  
 REQUIREMENT INTERVAL: 50 YEARS  
 FIXTURE EPA: 0.90 FT<sup>2</sup> EA  
 FIXTURE WEIGHT: 21 LBS EA



DETAIL 1 ARM END TENON



DETAIL 2 DAVIT SLIP JOINT



DETAIL 3 TB1-17 / MO93 T-BASE

TRANSFORMER BASE NOTES

DOOR OPENING APPROXIMATELY 8.95" X 8.94" X 11".

TOP BOLT HOLES WILL ACCOMMODATE MAXIMUM 1.00" DIA. BOLTS.

(4) -2.75" O.D. X 0.50" THK. HOLDDOWN WASHERS FINISHED TO ASTM: B655 CLASS 50 PROVIDED FOR INSTALLATION UNDER ANCHOR BOLT HEX NUTS AS SHOWN.

(4) -2.50" O.D. X 0.38" THK. CONNECTING WASHERS FINISHED TO ASTM: B655 CLASS 50 PROVIDED FOR INSTALLATION UNDER THE TRANSFORMER BASE TOP PLATE AS SHOWN.

MATERIAL SHALL CONFORM TO ASTM DESIGNATION 8108 ALLOY 356.0 T6.

BASE CONFORMS TO BREAKAWAY CRITERIA OF AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORT FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS 2ND EDITION (1985) AND ALL SUBSEQUENT EDITIONS, FHWA'S ACCEPTANCE OF THE BASE IS RESTRICTED TO "WITHIN THE RANGE OF CONDITIONS TESTED" AS SHOWN.

**MATERIAL DATA**

COMPONENT	ASTM DESIGNATION	MIN. YIELD (KSI)
POLE BASE	A595 GR. A	55
ARM SHAFT	A595 GR. A	55
BASE PLATE	A36	36
ANCHOR BOLTS	F1554 GR. 55	55
T-BASE CONN. BOLTS	A325	--

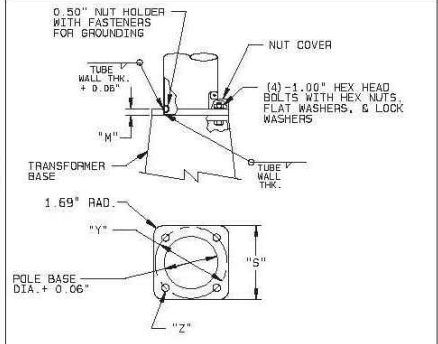
**FINISH DATA**

SYSTEM: V-PRO 32 (VP32)  
 LIQUID (ALTERNATE)  
 BASE COAT: HOT-DIP GALVANIZED TO ASTM A123  
 PRIME COAT: POLYAMIDODANINE OR POLYAMIDE EPOXY  
 FINISH COAT: ALIPHATIC ACRYLIC POLYURETHANE  
 COLOR: BLACK OR DARK BRONZE  
 SPEC: F-306KU

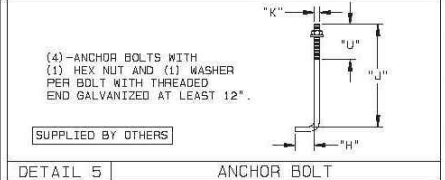
SEE NOTE 1

ALTHOUGH RARE, VIBRATIONS SEVERE ENOUGH TO CAUSE DAMAGE CAN OCCASIONALLY OCCUR IN STRUCTURES OF ALL TYPES. BECAUSE THEY ARE INFLUENCED BY MANY INTERACTING VARIABLES, VIBRATIONS ARE GENERALLY UNPREDICTABLE. THE USER'S MAINTENANCE PROGRAM SHOULD INCLUDE OBSERVATION FOR EXCESSIVE VIBRATION AND EXAMINATION FOR ANY STRUCTURAL DAMAGE OR BOLT LOOSENING. THE VALMONT WARRANTY SPECIFICALLY EXCLUDES FATIGUE FAILURE OR SIMILAR PHENOMENA RESULTING FROM INDUCED VIBRATION, HARMONIC OSCILLATION OR RESONANCE ASSOCIATED WITH MOVEMENT OF AIR CURRENTS AROUND THE PRODUCT.

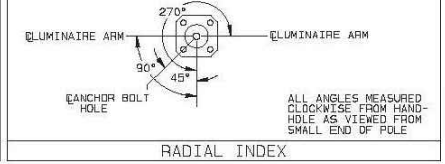
VIBRATION DISCLAIMER



DETAIL 4 POLE BASE



DETAIL 5 ANCHOR BOLT



**POLE AND ARM DATA**

TYPE	QTY.	POLE TUBE			POLE BASE			ANCHOR BOLT				ARM TUBE					
		BASE DIA. (IN)	TOP DIA. (IN)	LENGTH (FT)	GAUGE OR THK. (IN)	SQUARE "S" (IN)	BOLT CIRCLE "Y" (IN)	THK. "H" (IN)	HOLE "Z" (IN)	DIA. "K" (IN)	LENGTH "L" (IN)	HOOK "H" (IN)	THREAD LENGTH "U" (IN)	FIXED END DIA. (IN)	FREE END DIA. (IN)	GAUGE OR THICK. (IN)	LENGTH (FT)
D28-9T																	

**\*\* IMPORTANT NOTE \*\***

1. WRITTEN CONFIRMATION MUST BE PROVIDED CONFIRMING ALL MOUNTING HEIGHTS, ORIENTATIONS, & FINISH PRIOR TO RELEASE FOR PRODUCTION.

# STREET LIGHT STANDARD - RESIDENTIAL STREETS ONLY

VALMONT INDUSTRIES, INC. RESERVES THE RIGHT TO INSTALL VARIOUS ENGINEER APPROVED, MATERIAL HANGING ACCOMMODATIONS TO FACILITATE THE MANUFACTURING PROCESS.

Valley, NE 68064  
 (402) 359-2201

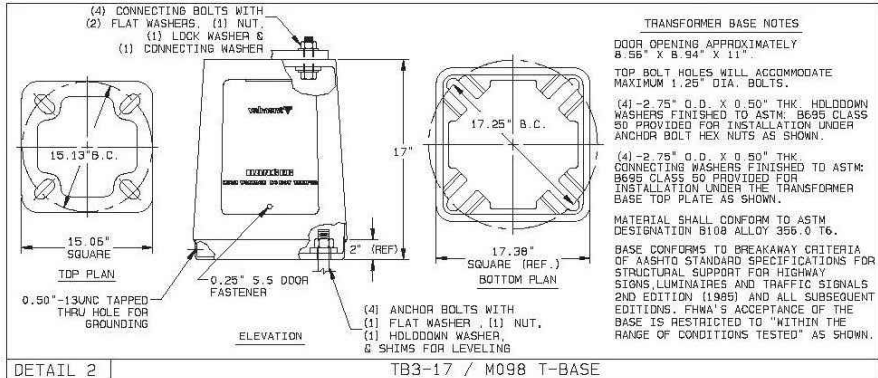
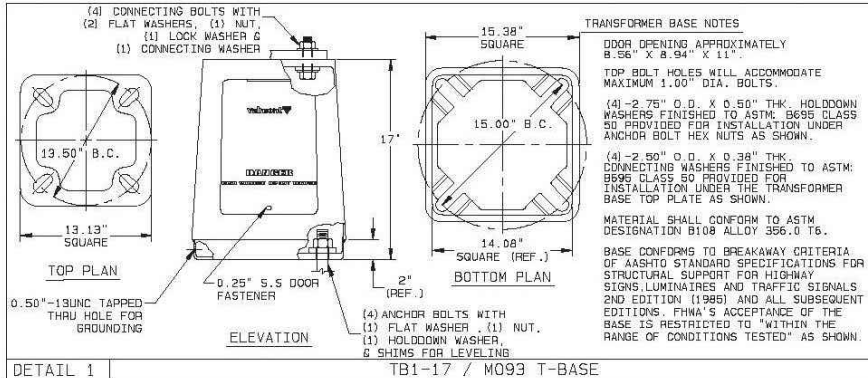
ORDER NUMBER: TXTF20180509  
 PAGE NUMBER: 1 OF 2  
 DRAWING NUMBER: REV

WILDCAT ELECTRIC SUPPLY	JOB
TF 05/09/18	TITLE LIGHTING STRUCTURES
REV	DATE
JWK3 11/02/16	JWK3 11/02/16
DRAWN BY-DATE	CHECK BY-DATE
	DESCRIPTION

CITY OF ARLINGTON, TEXAS

**28FT Residential Single Davit Pole with Base**

DATE: SHEET 1 OF 2  
 DESIGNED BY: SCALE: NTS  
 DRAWN BY: CHECKED BY:



SYSTEM:	FINISH PAINTED (FP)
BASE COAT:	NONE
PRIME COAT:	NONE
FINISH COAT:	TGIC OR URETHANE POLYESTER POWDER
COLOR:	BLACK
SPEC:	F-264A

**FINISH DATA**

SYSTEM:	FINISH PAINTED (FP)
BASE COAT:	NONE
PRIME COAT:	NONE
FINISH COAT:	TGIC OR URETHANE POLYESTER POWDER
COLOR:	DARK BRONZE
SPEC:	F-264B

**FINISH DATA**

SYSTEM:	GALVANIZED (GV)
BASE COAT:	HOT-DIP GALVANIZED TO ASTM A123
PRIME COAT:	NONE
FINISH COAT:	NONE
COLOR:	NONE
SPEC:	F-1

**FINISH DATA**

**\*\* IMPORTANT NOTE \*\***

- WRITTEN CONFIRMATION MUST BE PROVIDED CONFIRMING ALL MOUNTING HEIGHTS, ORIENTATIONS, & FINISH PRIOR TO RELEASE FOR PRODUCTION.
- ALL POLE TO T-BASE CONNECTING HARDWARE IS TO BE SUPPLIED WITH T-BASES.

TRANSFORMER BASE DATA			
QTY.	TYPE	FINISH COLOR	CONNECTING HARDWARE
7	TB3-17 / M098	BLACK	1.00" X 4.25"
7	TB3-17 / M098	GALVANIZED	1.00" X 4.25"
75	TB1-17 / M093	DARK BRONZE	1.00" X 4.00"

# STREET LIGHT STANDARD – RESIDENTIAL STREETS ONLY

JOB	VALMONT INDUSTRIES, INC. RESERVES THE RIGHT TO INSTALL VARIOUS, ENGINEER APPROVED, MATERIAL HANGING ACCOMMODATIONS TO FACILITATE THE MANUFACTURING PROCESS.
TITLE	LIGHTING STRUCTURES

VALMONT INDUSTRIES, INC. RESERVES THE RIGHT TO INSTALL VARIOUS, ENGINEER APPROVED, MATERIAL HANGING ACCOMMODATIONS TO FACILITATE THE MANUFACTURING PROCESS.



ORDER NUMBER:	
PAGE NUMBER:	2 OF 2
DRAWING NUMBER:	TXTF20180509
REV	

<b>CITY OF ARLINGTON, TEXAS</b>		
<b>28FT Residential Single Davit Pole with Base</b>		
DATE:	SCALE: NTS	SHEET 2 OF 2
DESIGNED BY:	DRAWN BY:	CHECKED BY: