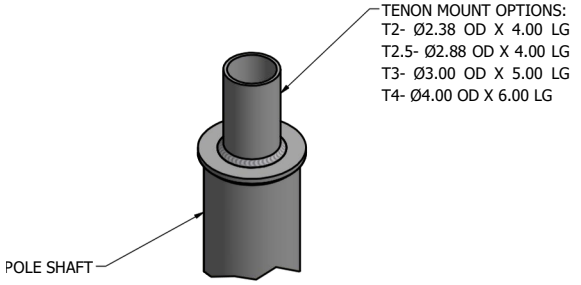
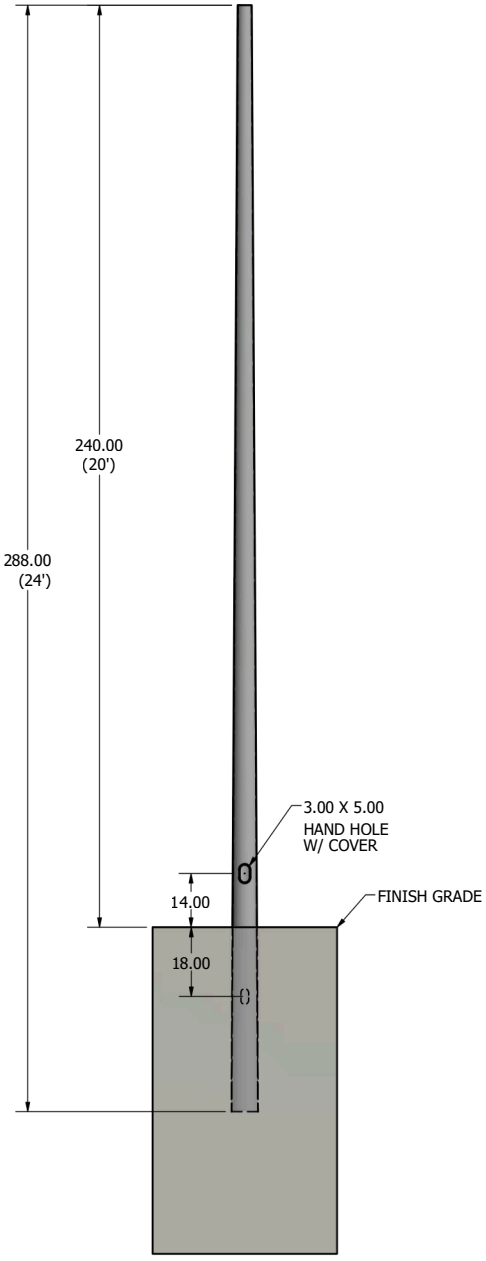


DRILLED MOUNT OPTIONS



TENON MOUNT OPTIONS



POLE DETAIL

POLE SPECIFICATIONS

NO.	COMPONENT	ASTM DESIGNATION	MIN. YIELD (P.S.I)
1.	POLE SHAFT	A-595 GR. A	55,000
2.	BASE PLATE	A36	36,000
3.	ANCHOR BOLTS	F1554 GR. 55	55,000
4.	GALVANIZED HARDWARE	A153	-

FINISH SPECIFICATIONS

POLES SHALL HAVE A POLYESTER POWDER COAT FINISH IN A STANDARD COLOR.

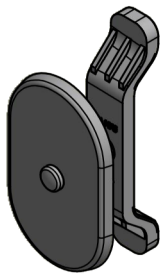
POLE DIMENSIONS

POLE HGT (FT.)	TOP DIA. (IN.)	BOTTOM DIA. (IN.)	GAGE	MTG. HGT. (FT.)
24'	3.70	7.00	11 GAGE	20'

ALLOWABLE WIND LOADING (SQ. FT.)

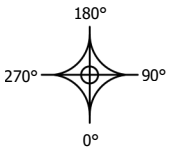
WIND*	INDICATED EPA	80 MPH	90 MPH	100 MPH	120 MPH
EPA	-	28.6	23.2	18.7	13.0

*WITH 1.3 GUST FACTOR



3.00 X 5.00 HAND HOLE COVER

NOTE: COAL TAR EPOXY COATING AVAILABLE AS AN OPTION FOR EMBEDDED PORTION PLUS 6 IN. OF THE POLE SHAFT.



DRAWN: D. KONCHADA	DATE: 7/7/2020
REVISION:	DATE:
QUOTE:	PO.#
APPROVAL SIGNATURE:	

AMERICAN LIGHTING SYSTEMS™

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SOME GEOGRAPHICAL AREAS HAVE SPECIAL WIND CONDITIONS THAT CAN CREATE WIND INDUCED VIBRATIONS CAUSING A FATIGUE PROBLEM. NO METHOD HAS YET BEEN FOUND FOR PREDICTING DESTRUCTIVE LIGHTING POLE VIBRATION. THESE CONDITIONS ARE UNIQUE AND CANNOT BE GUARANTEED AGAINST, AND ARE THE RESPONSIBILITY OF A LOCAL SITE ENGINEER.

WARNING: DO NOT INSTALL LIGHT POLE WITHOUT INTENDED LOADING.

TITLE:

CATALOG:

DWG NO: **ALS-SRDT-20-7011-DB** SIZE: C SHEET 1 OF 1