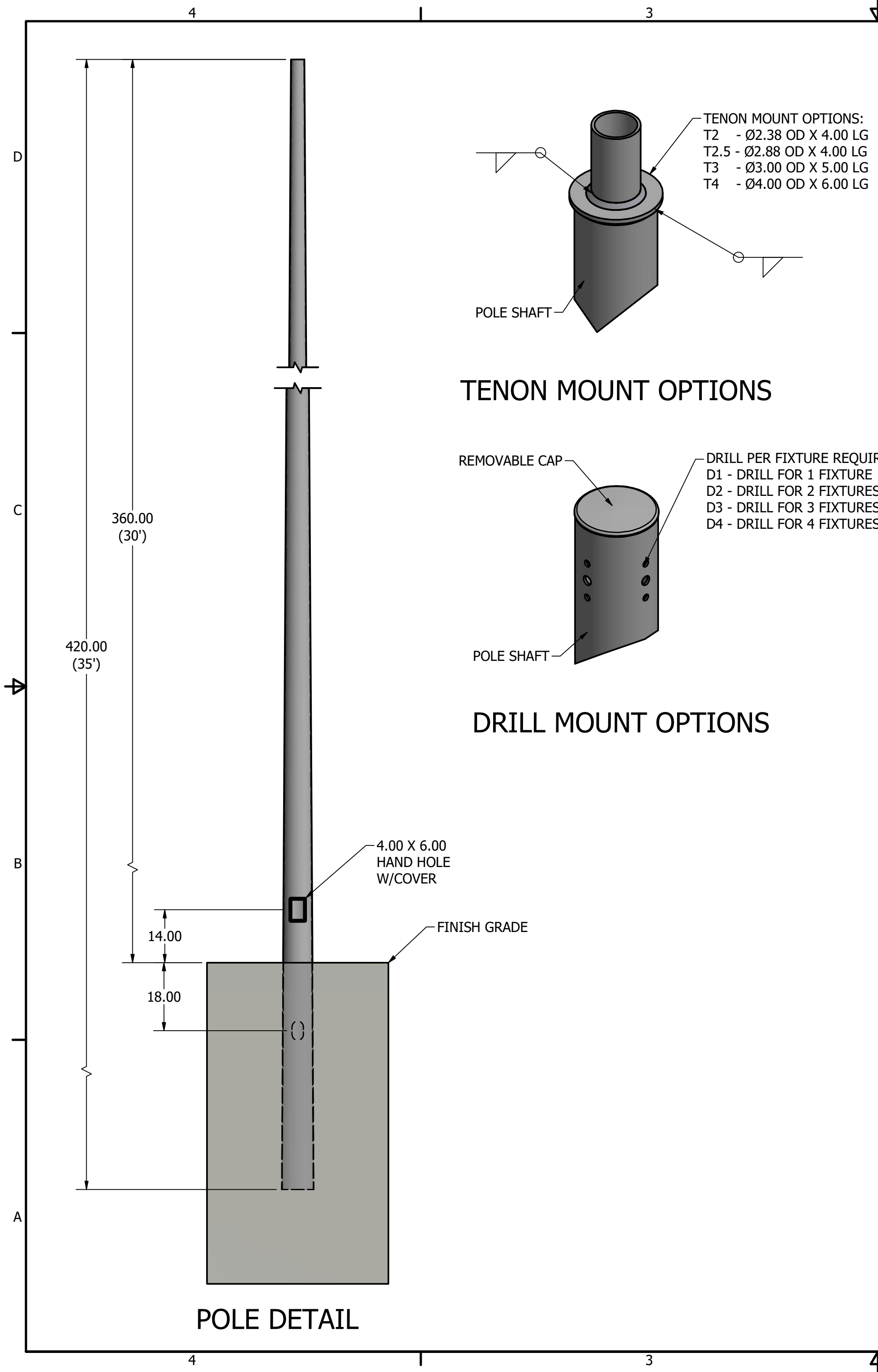
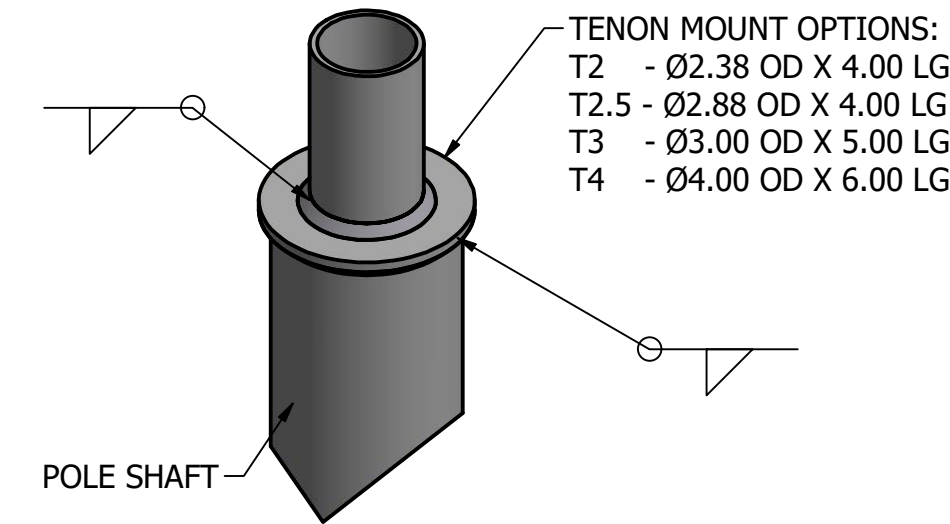
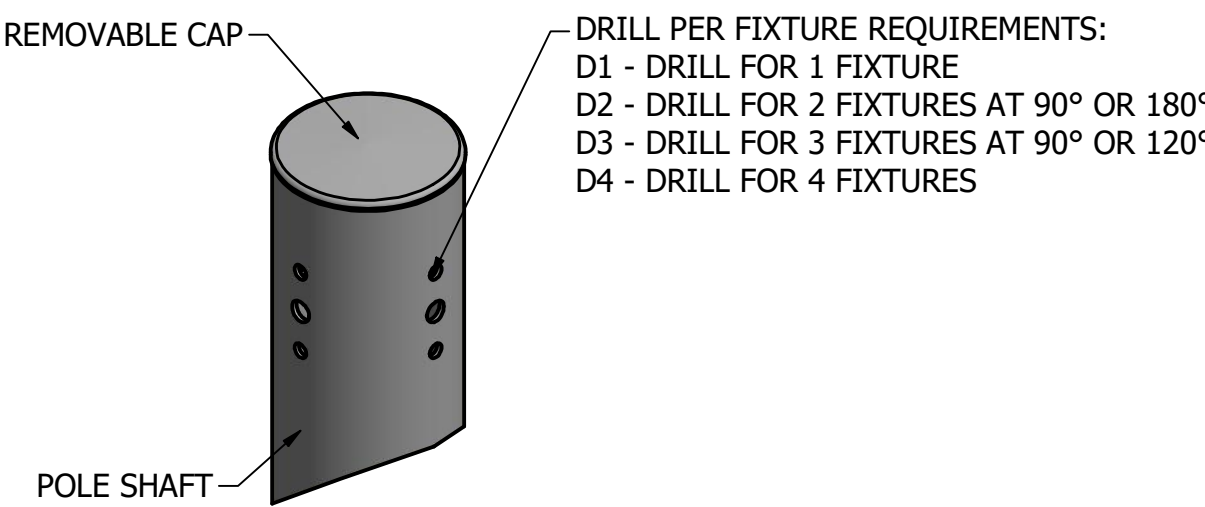




POLE DETAIL



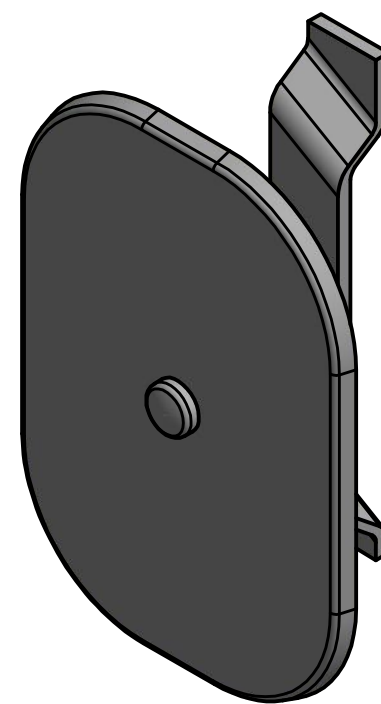
TENON MOUNT OPTIONS



DRILL MOUNT OPTIONS

NO.	POLE SHAFT SPECIFICATIONS			
1.	SHAFTS ARE FABRICATED FROM A WELDABLE GRADE, HOT ROLLED COMMERCIAL QUALITY CARBON STEEL (ASTM A595 GR. A) WITH A GUARANTEED MINIMUM YIELD STRENGTH OF 55,000 PSI AFTER FABRICATION. IT IS A ONE-PIECE CONSTRUCTION WITH A FULL-LENGTH, LONGITUDINAL WELD. THE POLE TAPERS AT A RATE OF 0.14" PER FT.			
2.	POLES SHALL BE HOT DIPPED GALVANIZED FINISH PER ASTM A 123 SPECIFICATIONS.			
POLE DIMENSIONS				
POLE HGT. (FT.)	TOP DIA. (IN.)	BOTTOM DIA. (IN.)	GAGE	MTG. HGT. (FT.)
35'	3.60	8.50	11 GAGE	30'
ALLOWABLE WIND LOADING (SQ. FT.)				
WIND*	80 MPH	90 MPH	100 MPH	120 MPH
EPA	8.1	6.6	5.3	3.8

*1994 AASHTO LTS-3 (1.3 GUST FACTOR)



4.00 X 6.00 HAND HOLE COVER

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-30-8511-DB**

SIZE: C

SHEET 1 OF 1

15841 Old US Highway 441
Tavares, Florida 32778
(321) 203-4869
sales@americanlightingsystems.com
AmericanLightingSystems.com

DRAWN: D KONCHADA DATE: 7/9/2020

REVISION: DATE:

QUOTE: S.O.#

APPROVAL SIGNATURE: