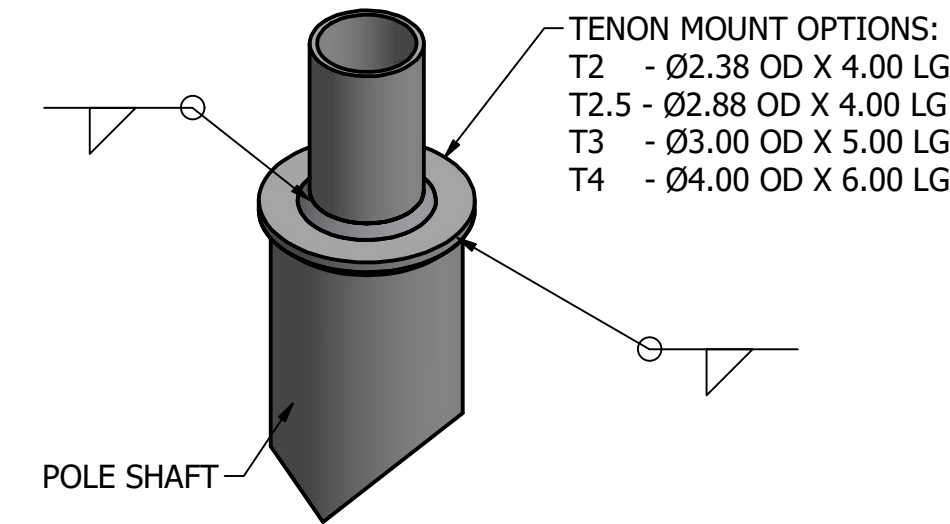
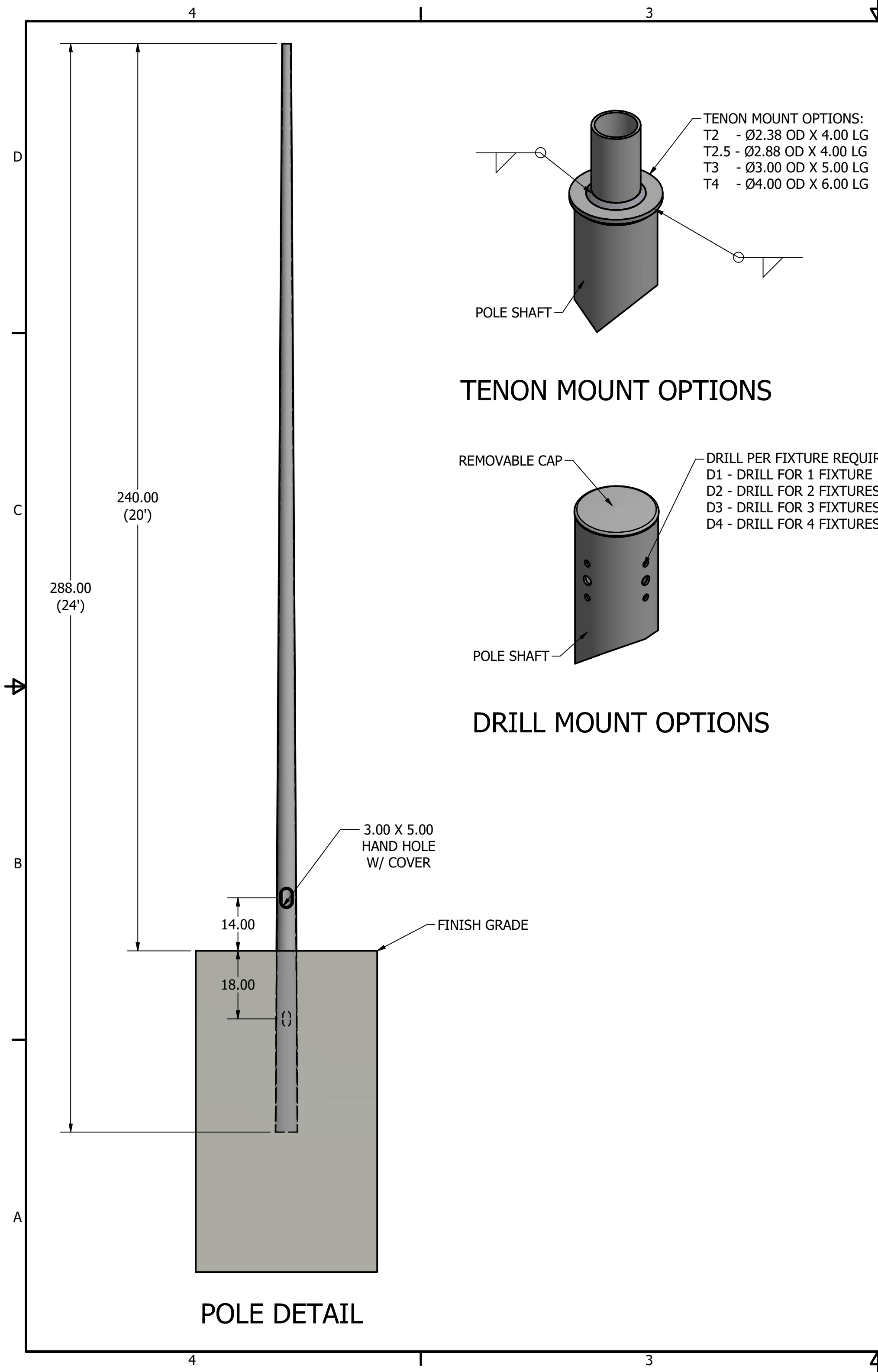
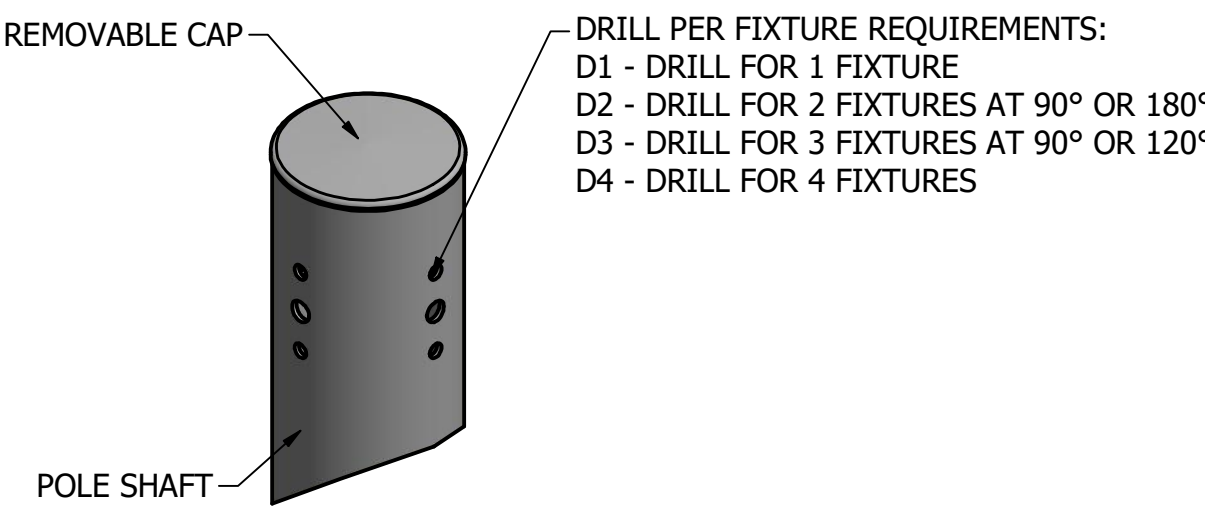
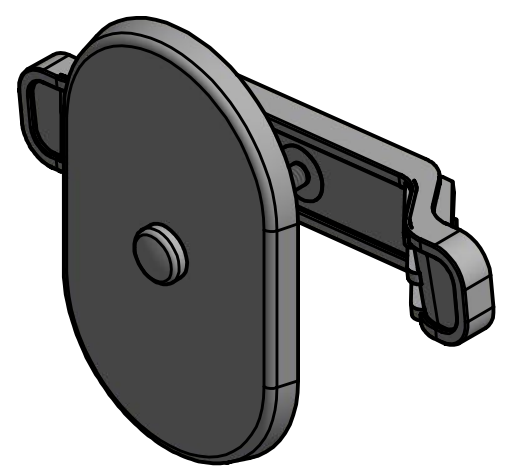




TENON MOUNT OPTIONS



DRILL MOUNT OPTIONS



3.00 X 5.00 HAND HOLE COVER

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.)
24'	2.4	5.9	11 GAGE	20'
ALLOWABLE WIND LOADING (SQ. FT.)				
WIND*	80 MPH	90 MPH	100 MPH	120 MPH
EPA	12.2	9.8	7.9	6.2

*1994 AASHTO LTS-3 (1.3 GUST FACTOR)

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: **AALS-SRDT-20-5911-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

REVISION:

QUOTE:

APPROVAL SIGNATURE:

DATE: 7/9/2020

DATE:

S.O.#

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