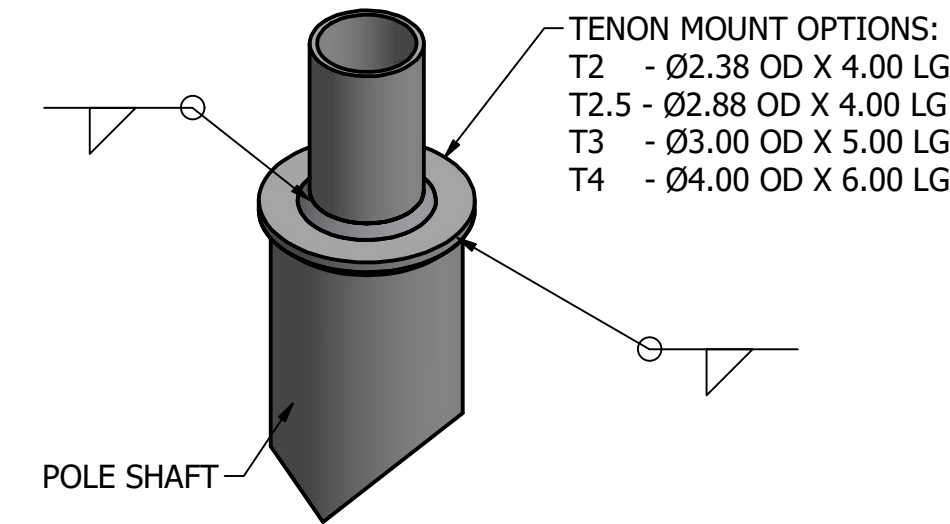
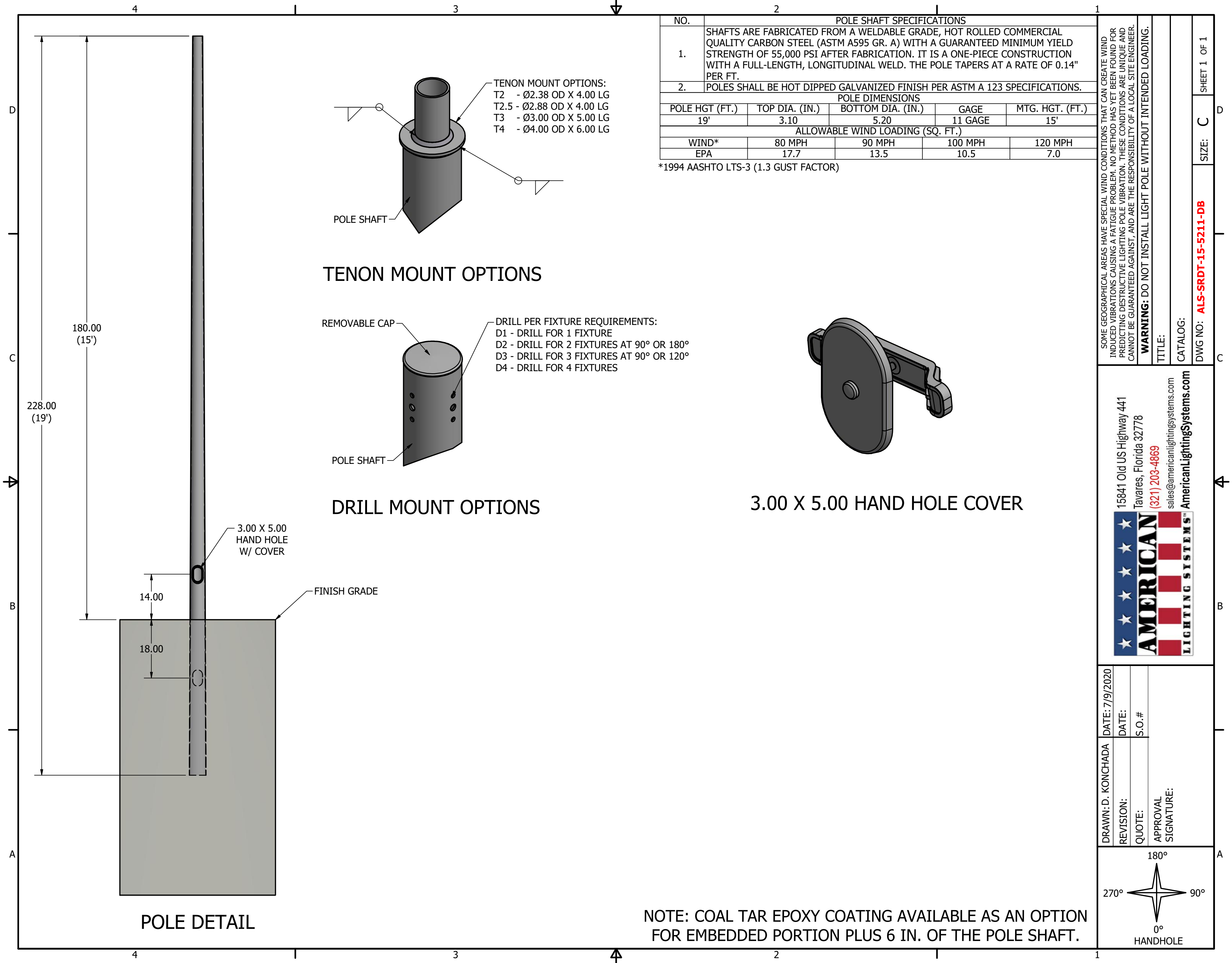
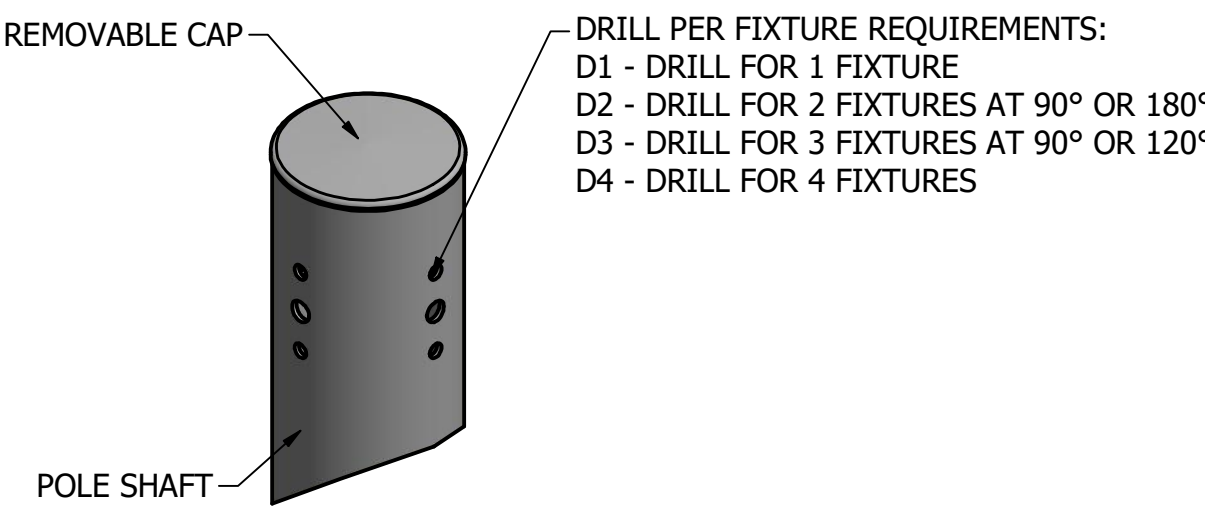




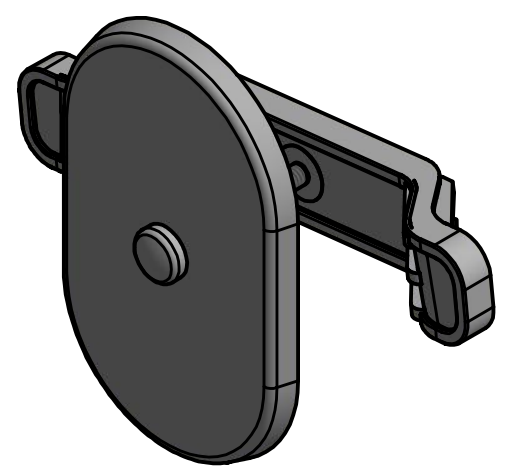
TENON MOUNT OPTIONS



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.)
19'	3.10	5.20	11 GAGE	15'
ALLOWABLE WIND LOADING (SQ. FT.)				
WIND*	80 MPH	90 MPH	100 MPH	120 MPH
EPA	17.7	13.5	10.5	7.0

*1994 AASHTO LTS-3 (1.3 GUST FACTOR)



3.00 X 5.00 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 LIGHTNING 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:

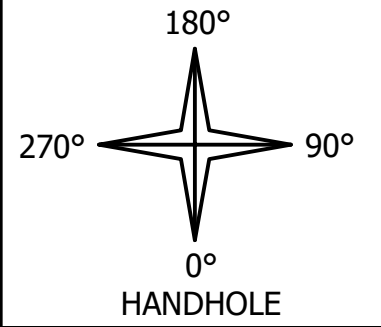
DWG NO: **ALS-SRDT-15-5211-DB**

SHEET 1 OF 1



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(321) 203-4869
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AmericanLightingSystems.com

DRAWN: D. KONCHADA	DATE: 7/9/2020
REVISION:	DATE:
QUOTE:	S.O.#
APPROVAL SIGNATURE:	



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

POLE DETAIL