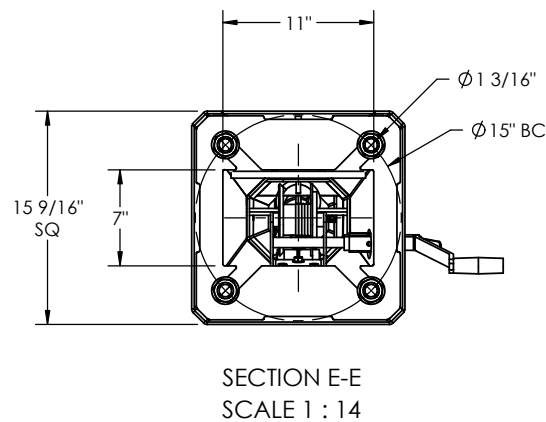
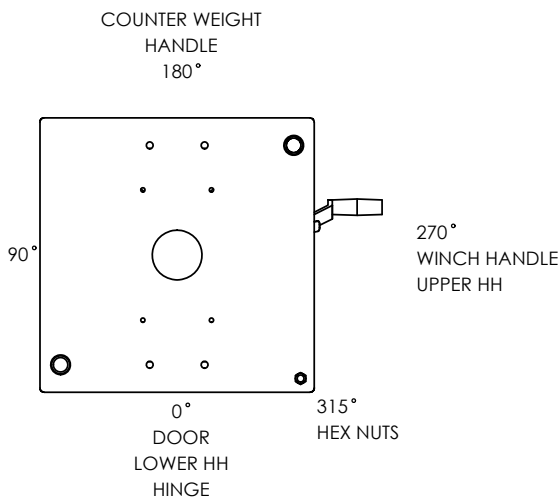
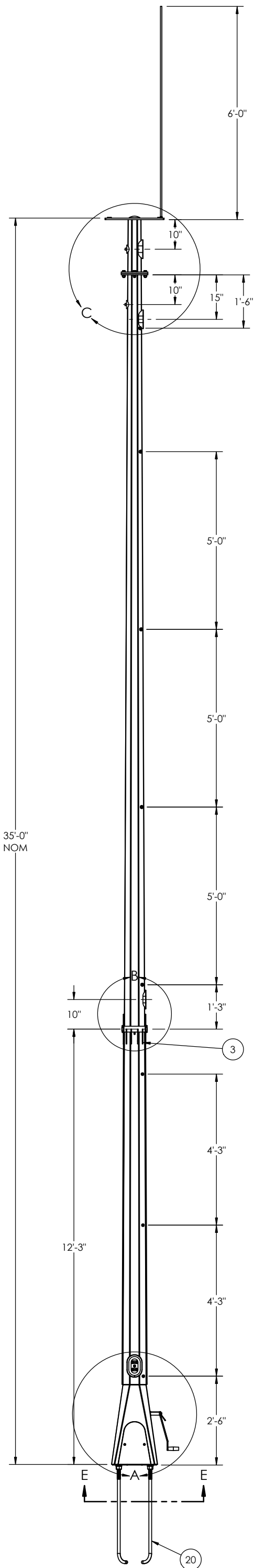


REVISIONS				
REV.	ECO	DESCRIPTION	DATE	DRFT
A		7HH8650-350-1TS-001	4/29/2025	TK



POLE DESIGNED TO MEET:

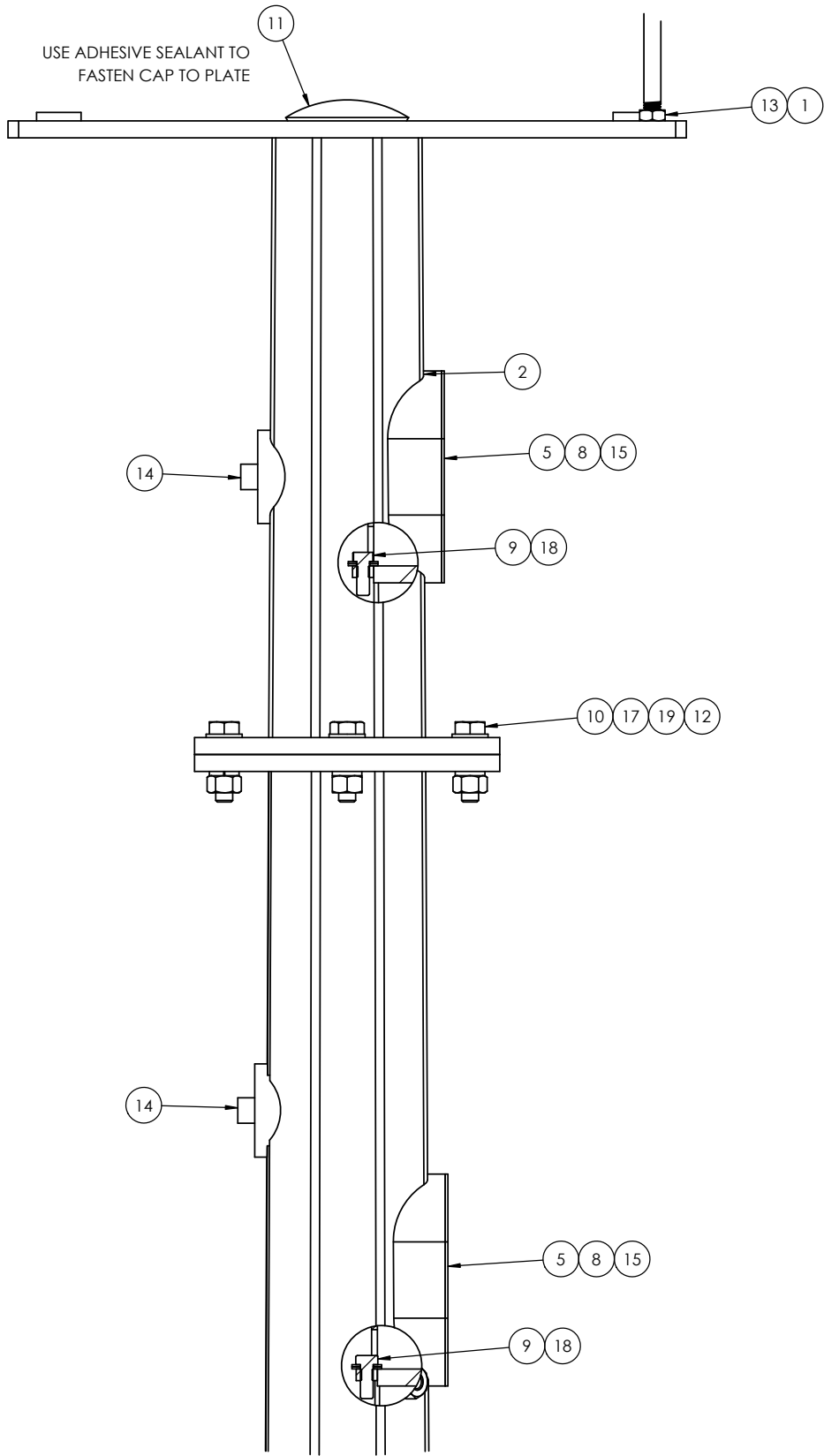
Max EPA - 4.3 sq. ft

Max weight - 200 lbs

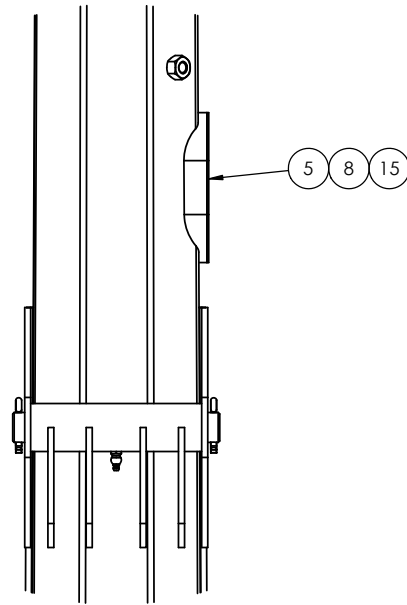
**ALTERNATE ORANGE & WHITE IN 7 EQUAL
SPACES APPROXIMATELY 5'-0" APART START
WITH ORANGE & END W/ORANGE**

ITEM NO.	PART NUMBER	DESCRIPTION	QTY PER	ASSY	FINISH
1	1059474	COPPER CLAD LIGHTNING ROD 1/2"X6'0 - 1" THD	1		
2	1079228	WLDMT ADAPTER 3/16 X 1'6" (3/16X6.01X5.8X1'6 8S SHAFT)	1		X
3	1059496	ASSY POLE HINGE 33'6	1		X
4	500A319	WINCH CRANK HANDLE ASSY (K1051)	1		
5	8800267	COVER HH M15 3X5 FORMED	3		X
6	9900029-GV	COVER HH M16 4X6	1		X
7	9900030	LATCH HH M16 4X6	1		
8	9900037	LATCH HH M15 3X5	3		
9	BOLTA3/8-16X1"A	BOLT HX HD 3/8-16NC X 1" F593C SS	2	X	
10	BOLTB1/2-13X2"B	BOLT HVYHXHD 1-2-13NC X 2" A325 GV	4		
11	CAP-DELTECH-8600015	CAP PLASTIC DELTECH RD. 3 1/2" DIA	1		X
12	NUTHVYHX1/2-13A563GV	NUT HVY HX 1-2-13NC A563 GV (DH)	4		
13	NUTHXJM1/2-13SS	NUT HX JM 1-2-13NC SS	1		
14	PLUG-THD-GV-2"	PLUG THREADED 2"SQ HD METAL PLUG GV	2	X	
15	SCRWA5/16-18X2"SS	SCRWA HX SK FL HD 5-16-18NC X 2 SS	3		
16	SCRWA5/16-18X2-1/2SS	SCRWA HX SK FL HD 5-16-18NC X 2-1-2 SS	1		
17	WASHFLAT1/2GV	WASHER FLAT 1/2 GV	4		
18	WASHFLAT3/8BRASS-001	WASHER FLAT .395IDX7/8OD X .064THK	4	X	
19	WASHLOCK1/2GV	WASHER LOCK 1/2 GV	4		
20	460A12-3DNW	460A12-3DNW (1" X 36" X 4")	4	REF	

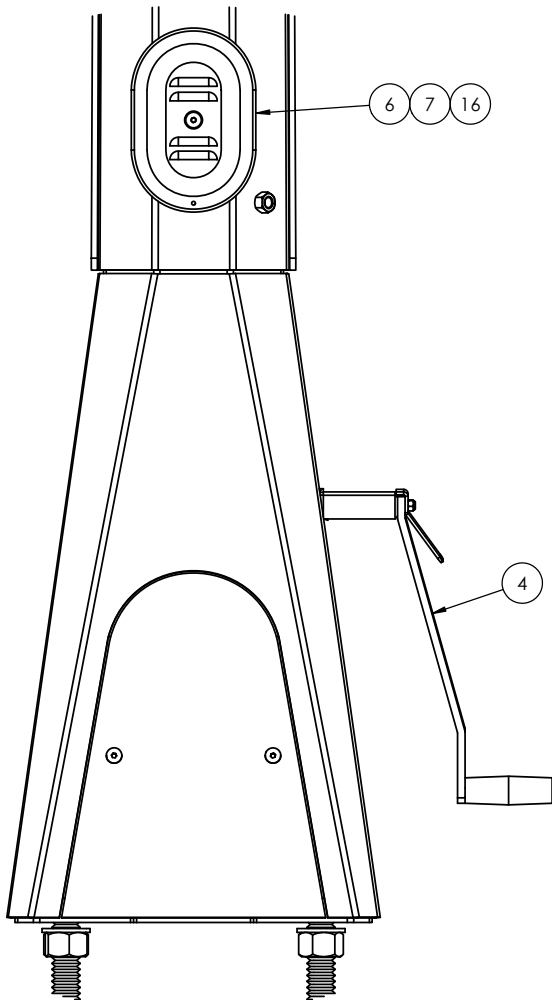
FINISH					POST: ASTM A572 GR 50 BASE PLATE: ASTM A36 MAST ARM: MOUNTING PLATE: LUMINAIRE ARM: HARDWARE FINISH: ASTM A153 ANCHOR BOLTS: AASHTO M314 GR105 SIZE: 1"						
PAINT PART #		DESCRIPTION			QTY						
PT-1-17-FTU-009-FR		HIGH GLOSS FIN COAT ULTRA AVIATION WHITE FREDA			REF						
PT-1-17-FTU-010-FR		HIGH GLOSS FIN COAT AVIATION ORANGE URETHANE			REF						
PT-5-17-FTU-009-FR-EA		HIGH GLOSS FIN COAT ULTRA AVIATION WHITE FREDA									
PT-5-17-FTU-010-FR-EA		HIGH GLOSS FIN COAT AVIATION ORANGE URETHANE									
		 MILLERBERND 622 6TH ST. SO. WINSTED, MN 55395			DESIGN CRITERIA 2015 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS ON HIGHWAY SIGNS, LUMINAIRES & TRAFFIC SIGNALS. ICE LOAD: 3.0 psf FOR ALL SURFACES AS REQUIRED BY SECTION 3.7 WINDS: 140 MPH VORTEX SHED: N/A FATIGUE CAT: NO GALLOPING: N/A NATURAL WIND GUST: N/A TRUCK GUST: N/A						
		THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION AND IS THE PROPERTY OF MILLERBERND MFG AND MAY NOT BE COPIED, REPRODUCED OR DISCLOSED IN ANY MATTER WITHOUT THE EXPRESS WRITTEN CONSENT FROM MILLERBERND MFG					WELD SPECIFICATION THE POST AND MAST ARM TO BE A TAPERED TUBE FABRICATION WITH ONE SUBMERGED ARC LONGITUDINAL SEAM WELD WITH 100% PENETRATION 6" FROM BASE PLATE AND 60% FOR REMAINDER. GAS METAL ARC WELDING PROCESS WITH 60% PENETRATION MAY BE USED FOR REMAINDER OF WELDED FABRICATION. WELD TESTING: 100% OF ALL WELDS VISUAL TESTED (VT), 100% OF ALL COMPLETE JOINT PENETRATION (CJP) WELDS ULTRASONIC TESTED (UT) BASED ON THE THINNEST MATING MATERIAL: (PER AASHTO 2013 5.15.5-WELD INSP) THICKNESS. < 6MM (0.25 IN) MT ≥ 6MM (0.25 IN) UT A RANDOM 30% OF ALL FILLET WELDS AND PARTIAL JOINT PENETRATION (PJP) LONGITUDINAL SEAM WELDS MAGNETIC PARTICLE TESTED (MT).				
		SALES ORDER NO.:		QTY:	STATE:	SHEET 1 OF 2					
		DESCRIPTION: SHIP POLE HINGE 35'0 HALI-BRITE L-801 BEACON									
		EST. WEIGHT: 814.17		DRAWING NO: AGL-HINGE-15-140-35-H							
		PROJECT NAME:									
		PROJECT LOCATION:					FINISH SPECIFICATION GALV. OR PRIME COAT: HOT DIP GALV PER ASTM A123 FINISH COAT: COLOR: CHART FEDERAL OR RAL SPEC.: WEIGHT W/GALV.: 839.816 WEIGHT W/GALV.&PAINT: 846.737 WEIGHT W/PAINT: 814.17 SURFACE AREA: 26361.83 GAL. OF PAINT: 1.01392				
		DWN BY: TRAVIS K.		DATE: 04-29-2025							
		CHK BY:		DATE:							



DETAIL C
SCALE 1 : 5



DETAIL B
SCALE 1 : 8



DETAIL A
SCALE 1 : 8

		622 6TH ST. SO. WINSTED, MN 55395	
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SALES ORDER NO.:	QTY:	STATE:	SHEET 2 OF 2
DESCRIPTION: SHIP POLE HINGE 35'0 HALI-BRITE L-801 BEACON			
EST. WEIGHT: 814.17	DRAWING NO: AGL-HINGE-15-140-35-H		
PROJECT NAME:			
PROJECT LOCATION:			
DWN BY: TRAVIS K.		DATE: 04-29-2025	
CHK BY:		DATE:	