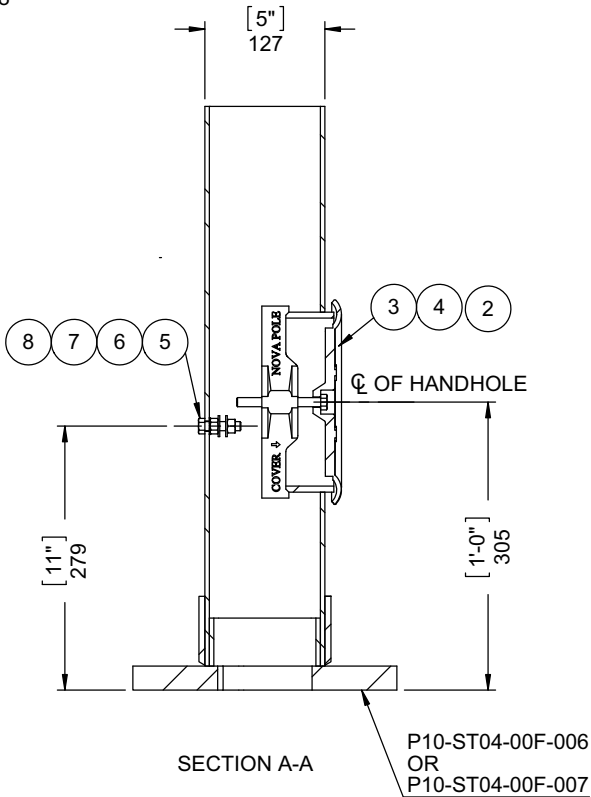
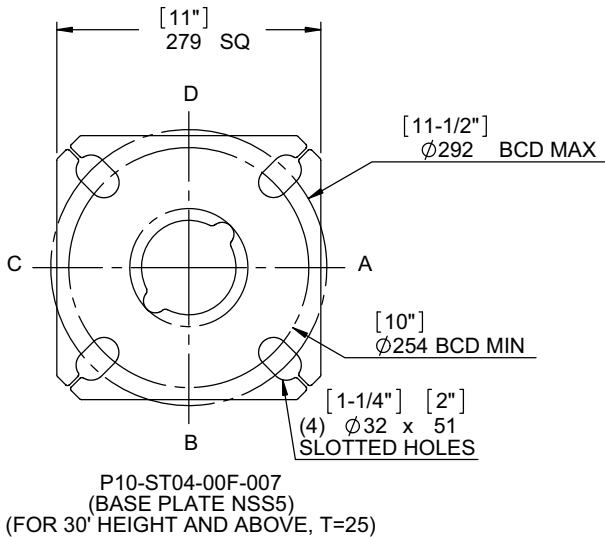
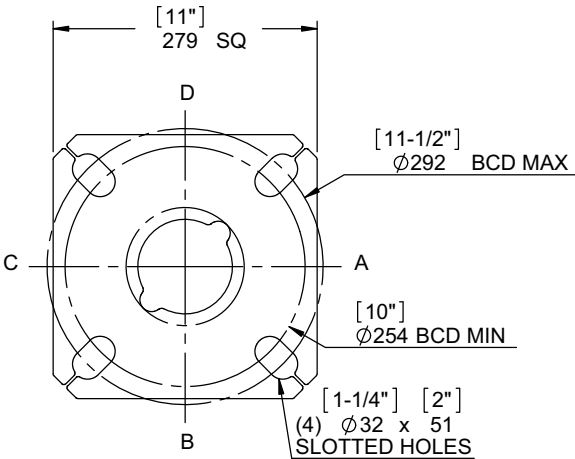
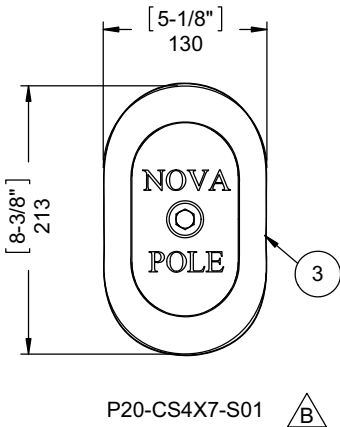
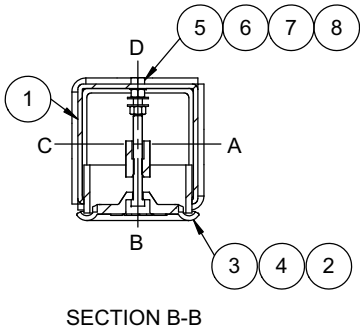
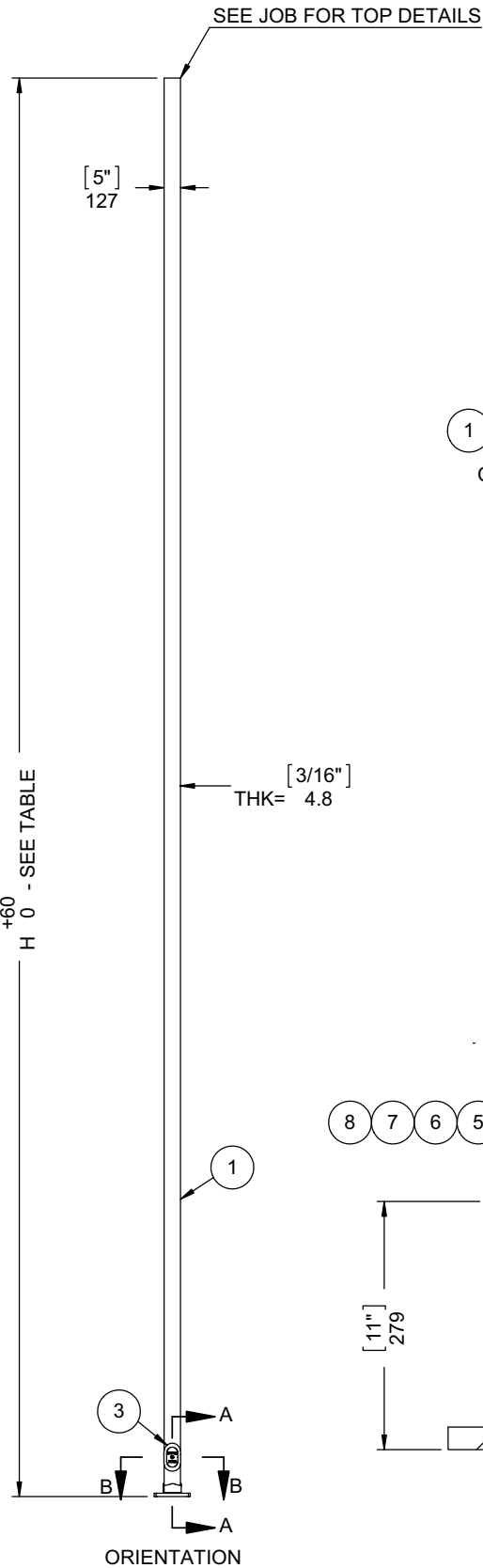


ITEM NO.	QTY	PART NUMBER	DESCRIPTION	MATERIAL	UNIT WEIGHT	TOTAL WEIGHT
1	1	SEE TABLE	NSS 5XX MD, 5" SQ, H HEIGHT, SUBASSEMBLY	SEE DWG 101-70-NS5XXM-S	SEE TABLE	SEE TABLE
PRODUCT WEIGHT (kg) =						SEE TABLE
2	1	P04-01-CS-R01	BACKING BAR, CAST STEEL, RIGHT HAND THREAD	ASTM A27	0.4	0.4
3	1	P20-CS4X7-S01	HAND HOLE COVER, CAST STEEL, OVAL, 4X7, TYPE SMALL	ASTM A27	1.2	1.2
4	1	H10-SS-0.375X3.50-F	BOLT HEX, 3/8" x 3.50", STAINLESS STEEL, FULL THREAD	18-8 / TYPE316 SS	0.1	0.1
5	1	H10-SS-0.375X1.50-F	BOLT HEX, 3/8" x 1.50", STAINLESS STEEL, FULL THREAD	18-8 / TYPE316 SS	0.0	0.0
6	2	H70-SS-0.375	WASHER, FLAT, 3/8", STAINLESS STEEL	18-8 / TYPE316 SS	0.0	0.0
7	2	H40-SS-0.375	NUT, HEX, 3/8", STAINLESS STEEL	18-8 / TYPE316 SS	0.0	0.0
8	1	H71-SW-SS-0.375	WASHER, SERRATED, 3/8", STAINLESS STEEL	18-8 / TYPE316 SS	0.0	0.0
KIT WIEGHT (kg) =						1.7



DESIGN NOTES:

POLE IS DESIGNED TO AASHTO 2013 STANDARD SPECIFICATION. ALL WIND SPEED INCLUDING GUST.

FATIGUE AND POLE VIBRATION ARE NOT CONSIDERED IN THE DESIGN. THE END USER'S MAINTENANCE PROGRAM SHOULD INCLUDE OBSERVATIONS FOR EXCESSIVE VIBRATIONS AND EXAMINATION FOR ANY STRUCTURAL DAMAGE OR BOLT LOOSENING.

THE MAXIMUM EPA OF FIXTURE SHOWN BELOW, BASED ON FIXTURE MOUNTED ON THE POLE TOP, AND MAXIMUM DESIGN WEIGHT IS 50 LBS PER 2.5 SQ.FT.

TABLE

PART NUMBER / PRODUCT NO	TYPE	POLE HEIGHT (H) (ft)	PRODUCT WEIGHT		MAXIMUM EPA (SQ.FT)			
			kg	lbs	*80 MPH	*90 MPH	*100 MPH	*110 MPH
101-70-NS520M-F	NSS 520M	20'	122.1	269.1	38.9	29.6	23.1	18.2
101-70-NS524M-F	NSS 524M	24'	144.2	317.8	29.1	21.7	16.5	12.5
101-70-NS525M-F	NSS 525M	25'	149.7	329.9	27.1	20.1	15.1	11.4
101-70-NS527M-F	NSS 527M	27'	160.7	354.2	23.6	17.2	12.7	9.3
101-70-NS530M-F	NSS 530M	30'	180.2	397.2	19.1	13.6	9.6	6.7
101-70-NS534M-F	NSS 534M	34'	202.2	445.6	14.2	9.5	6.1	3.6
101-70-NS536M-F	NSS 536M	36'	213.2	469.9	12.1	7.8	4.6	2.3

* ALL WIND SPEED INCLUDED GUST

BASE REACTIONS (UNFACTORED, NO ICE)

Fz (AXIAL)	2.2	kN	Mz (TORSION)	0.1	kN.m
Fx	0.7	kN	Mx (OVERTURNING9)	17.6	kN.m
Fy	3.5	kN	My	3.5	kN.m

GENERAL NOTES:

- ALL UNITS IN METRIC (mm, kg) UNLESS OTHERWISE STATED.
- STAMP BASE PLATE "NP YY" (YY=YEAR)
- STEEL SILICON CONTENT:
 - SHAFT: Si < 0.04%
 - PARTS: Si < 0.04% or 0.15% < Si < 0.22%
- WELDING: CSA W59, W47.1
- FINISH: (SEE WORK ORDER)
- ANCHOR BOLT Ø1" X 36" LG GR.400 (SUPPLIED IF ORDERED)
- CUSTOMER TO SPECIFY THE TOP TENON SIZE AND LENGTH OR DRILL PATTERNS.

C	ADDED REINFORCEMENT BRACKET & NOTES			AUG 20, 2019	RZ	HM
B	DESIGN NOTE UPDATED, ADDED NSS525 AND CHANGED H/H COVER TO CAST STEEL			DEC 12, 2015	RZ	PN
REV.	DESCRIPTION			DATE	DRAWN	APPRD
ENGINEERING SEAL		RELEASED DATE: JUL 14, 2010		NOVA  POLE NSS 5XX MD NOVA STRAIGHT SQUARE POLE-MEDIUM DUTY (3/16" WALL THK) 5" (127mm) SQ. x XX' (XXm) HEIGHT		
 AUG 22, 2019		DRAWN BY: DJ				
		CHECKED BY: DJ				
		APPROVED BY: EC				
SPECIFICATION						
SPEC #		-	JOB #	SIZE	SCALE	SHEET 1 OF 1
REF #		-	-	B	NTS	
PRODUCT #			DWG #		REV.	
SEE TABLE			101-70-NS5XXM-F		C	