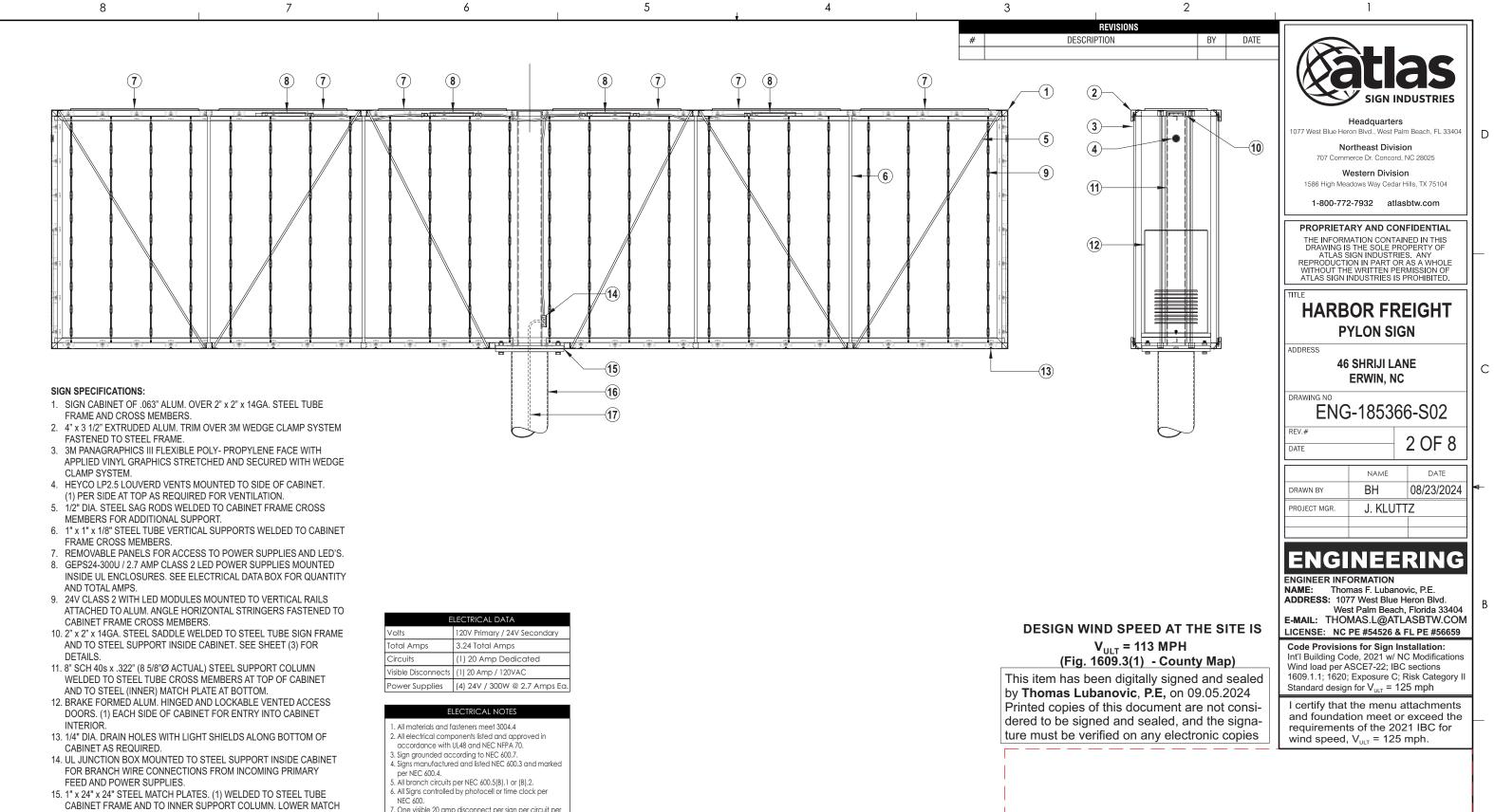


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R EVISIONS TION	BY	DATE			
			1077 West Blue Herr No 707 Comm	Headquarters on Blvd., West Palm Beach, FL 3340 rtheast Division erce Dr. Concord, NC 28025 estern Division dows Way Cedar Hills, TX 75104	⁰⁴ D
			PROPRIETA THE INFORM DRAWING IS ATLAS S REPRODUCTIK WITHOUT THE	RY AND CONFIDENTIAL ATION CONTAINED IN THIS THE SOLE PROPERTY OF IGN INDUSTRIES. ANY DN IN PART OR AS A WHOLE WRITTEN PERMISSION OF NDUSTRIES IS PROHIBITED.	
			ADDRESS	OR FREIGHT YLON SIGN SHRIJI LANE	
ing Codes	58	7	DRAWING NO	erwin, nc -185366-S02	C
Bullit	Harnett		DATE DRAWN BY PROJECT MGR.	NAME DATE BH 08/23/202 J. KLUTTZ	
					5
ID SPEED <i>A</i> / _{ULT} = 113 M		TE IS	ADDRESS: 107 Wes E-MAIL: THOM LICENSE: NC	nas F. Lubanovic, P.E. 7 West Blue Heron Blvd. tr Palm Beach, Florida 3340 MAS.L@ATLASBTW.CC PE #54526 & FL PE #5665 ns for Sign Installation:	9 9
509.3(1) - Co en digitally si anovic, P.E, this docume	ounty Map gned and s on 09.05.2 ent are not o	sealed 024 consi-	Wind load per A 1609.1.1; 1620; Standard design I certify that	de, 2021 w/ NC Modification SCE7-22; IBC sections Exposure C; Risk Category $_{1}$ for V _{ULT} = 125 mph the menu attachment	y II s
ed and sealed fied on any e			requirement	on meet or exceed th s of the 2021 IBC for V _{uLT} = 125 mph.	le
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- PLATE WILL BE WELDED TO INTERMEDIATE COLUMN AND BOLTED TO INNER MATCH PLATE. SEE SHEET (3) FOR DETAILS.
- 16. 12"Ø x .375" STD. STEEL INTERMEDIATE SUPPORT PIPE WELDED TO BOTTOM (OUTER) MATCH PLATE AND SLEEVED INTO LOWER SUPPORT COLUMN. SEE SHEET (3) FOR DETAILS.
- 15. 14"Ø x .375" SCH. 30s STEEL LOWER SUPPORT PIPE EMBEDDED INTO CONCRETE FOOTER. SEE FOOTER DETAILS ON SHEET 3.
- 16. #12AWG BRANCH WIRING INSIDE MAIN AND INTERMEDIATE SUPPORT COLUMNS FROM 20 AMP DISCONNECT INSIDE WEATHERPROOF BELL BOX AT BASE OF LOWER SUPPORT PIPE TO SIGN. SEE SIGN ELEVATION ON SHEET (1) APPROXIMATE DISCONNECT LOCATION

7

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ELECTRICAL DATA				
120V Primary / 24V Secondary				
3.24 Total Amps				
(1) 20 Amp Dedicated				
(1) 20 Amp / 120VAC				
(4) 24V / 300W @ 2.7 Amps Ea.				

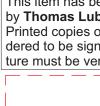
- . One visible 20 amp disconnect per sign per circuit per NEC 600.6(A).1
- 3. All Class 2 rated LED modules and LED power supplies will be in compliance with a nationally recognized test laboratory and NEC 600.33 (A) thru (D).

LISTED **Complies** with **ŪL48** MET Sign Certification ้มร E212706 **SNF 821**

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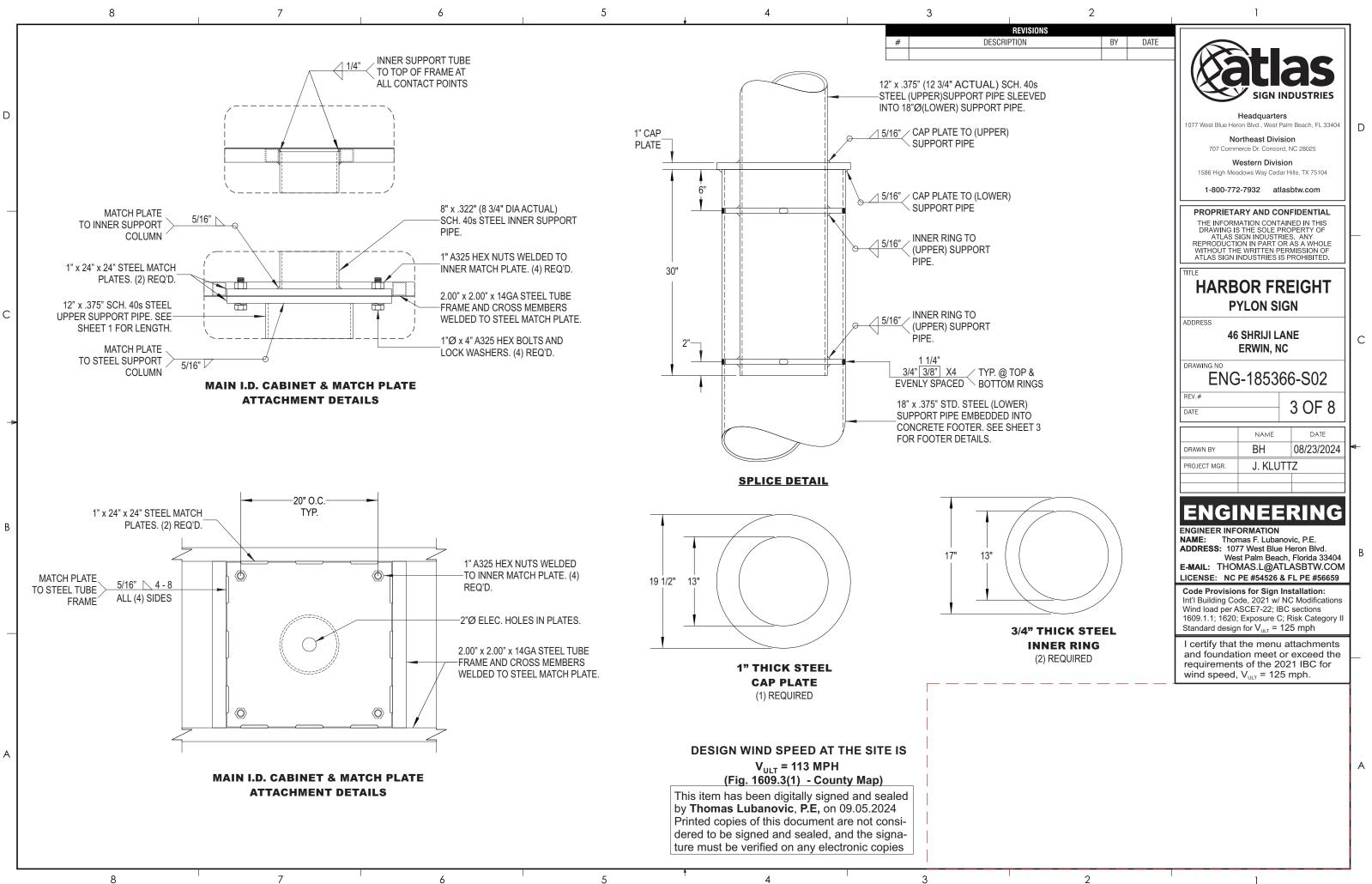
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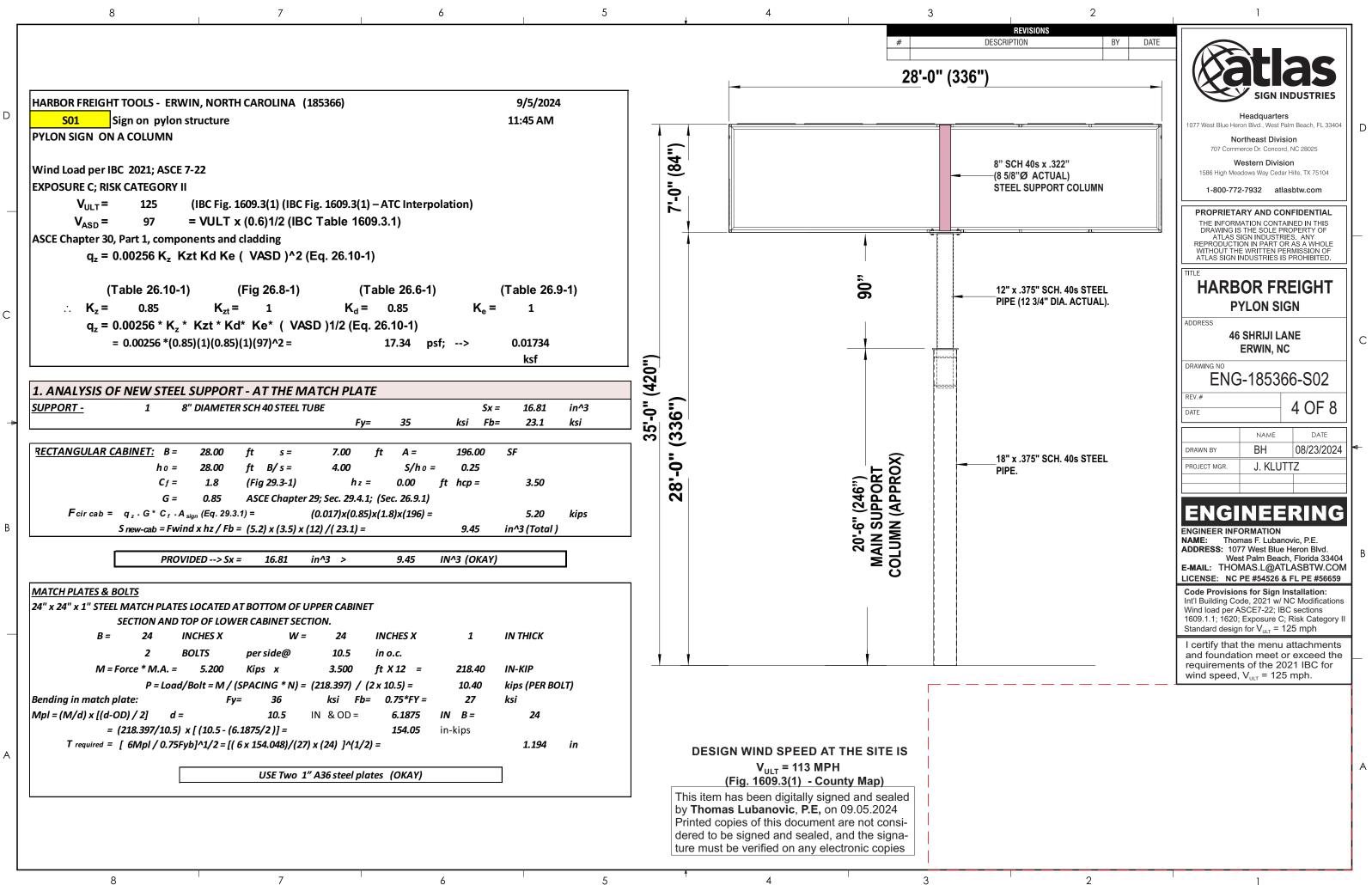
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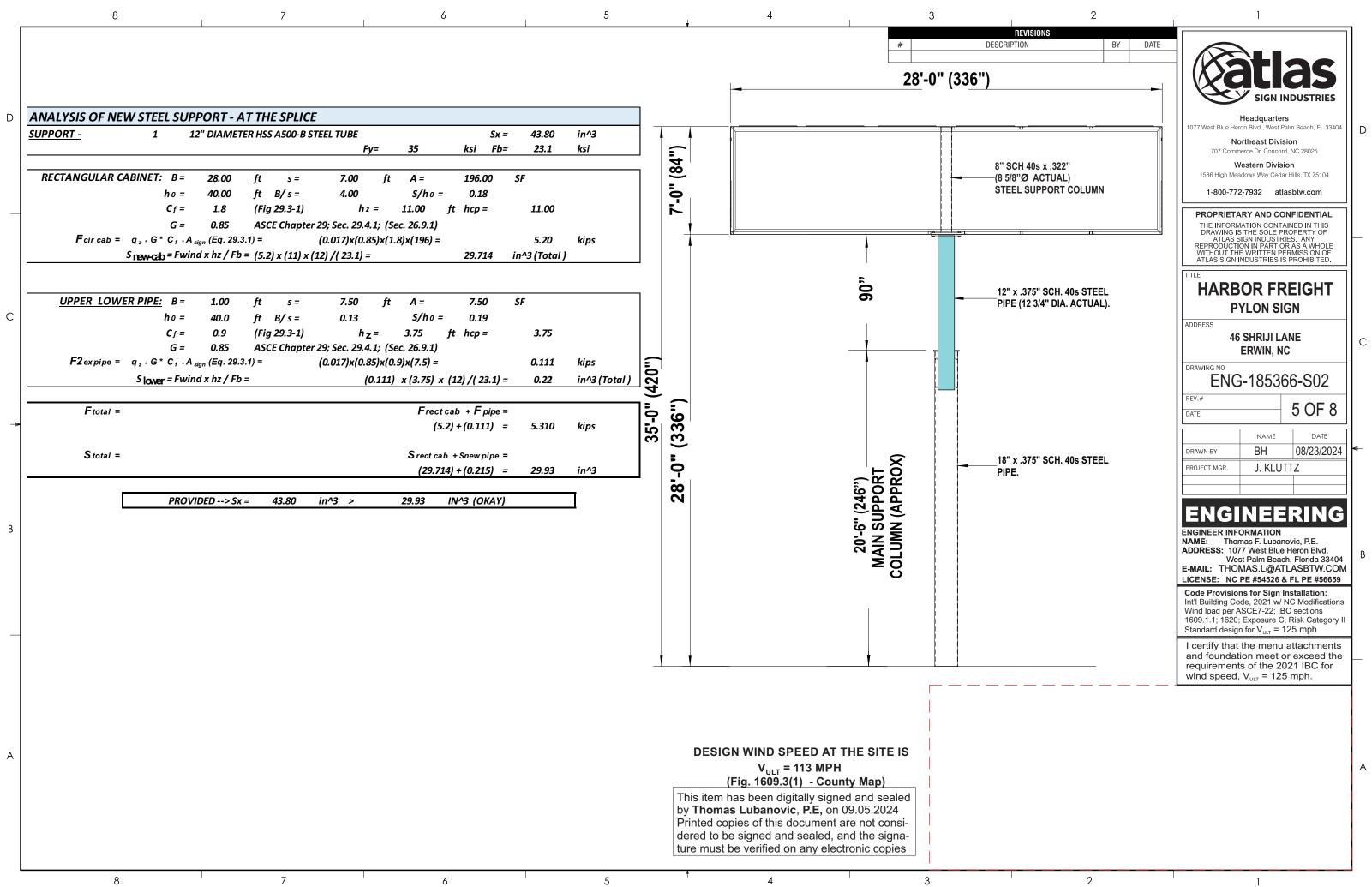


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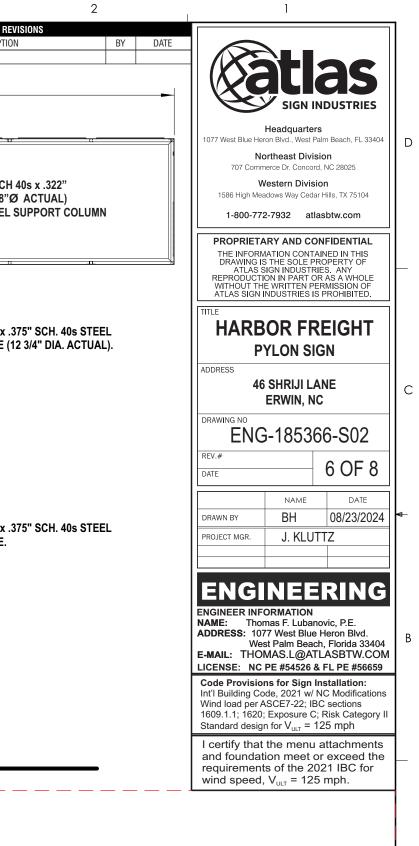
								28'-	-0" (33
3. ANALYSIS OF NEW S	STEEL SUPPORT - AT TH	E SIGN BASE			-	7'-0" (84")	N		
<u>SUPPORT -</u> 1	18" DIAMETER (T=0.562")S		Sx = 130.20 Fb= 23.1						
$F_{circab} = q_z \cdot G^* C_i$	n = 35.00 ft B/s = f = 1.8 (Fig 29.3-1) G = 0.85 ASCE Chapter 2	17)x(0.85)x(1.8)x(196) =	0 = 31.50 5.20	kips				90"	
$F2 \exp ipe = q_z \cdot G^* C_i$ $F2 \exp ipe = q_z \cdot G^* C_i$ $S \log e = Fwi$ $\frac{UPPER \ LOWER \ PIPE:}{h}$ $F2 \exp ipe = q_z \cdot G^* C_i$	$p = 35.0 ext{ ft } B/s = 66 ext{ff} = 0.9 ext{ (Fig 29.3-1)} \\ F = 0.85 ext{ ASCE Chapter 2} \\ F A Sign (Eq. 29.3.1) = 0.00 \\ F nd x hz / Fb = 0.00 \\ F nd x / Fb = 0.00 \\ F nd x / Fb = 0.00 \\ $	7.50 ft $A = 7.5$ 0.13 $S/ho = 0.2$ hz = 2.83 ft hcp 9; Sec. 29.4.1; (Sec. 26.9.1) 17)x(0.85)x(0.9)x(7.5) = (0.111) x (24.25) x (12) / (2 20.50 ft $A = 23.2$ 0.06 $S/ho = 0.5$ hz = 2.83 ft hcp 9; Sec. 29.4.1; (Sec. 26.9.1) (0.85)x(0.9)x(23.985) = 1) x (10.25) x (12) / (in^3 (Tot	1 = 24.25 0.111 (3.1) = 1.39 9 59 57 9 = 10.25 0.414	kips in^3 (Total) kips	35'-0" (420")	28'-0" (336")		246") PORT (PPROX)	
F total = S total =	/IDED> Sx = 130.20 in^3	F rect cab + F pipe + Flower (5.2) + (0.111) + (0.4 S rect cab + Spipe + S lower (85.09) + (1.393) + (2.2 8 > 88.68 IN^3 (0	114)="5.724 pipe = 202)="88.68					20'-6" (246") MAIN SUPPORT COLUMN (APPROX)	
	10LD> 3x - 130.20 m 3				-	y y			
							WIND SPEED AT THE SI V _{ULT} = 113 MPH ig. 1609.3(1) -County Map		
					b F	y Thomas Printed copi	as been digitally signed and Lubanovic , P.E , on 09.05. ies of this document are not signed and sealed, and the	2024 t consi-	

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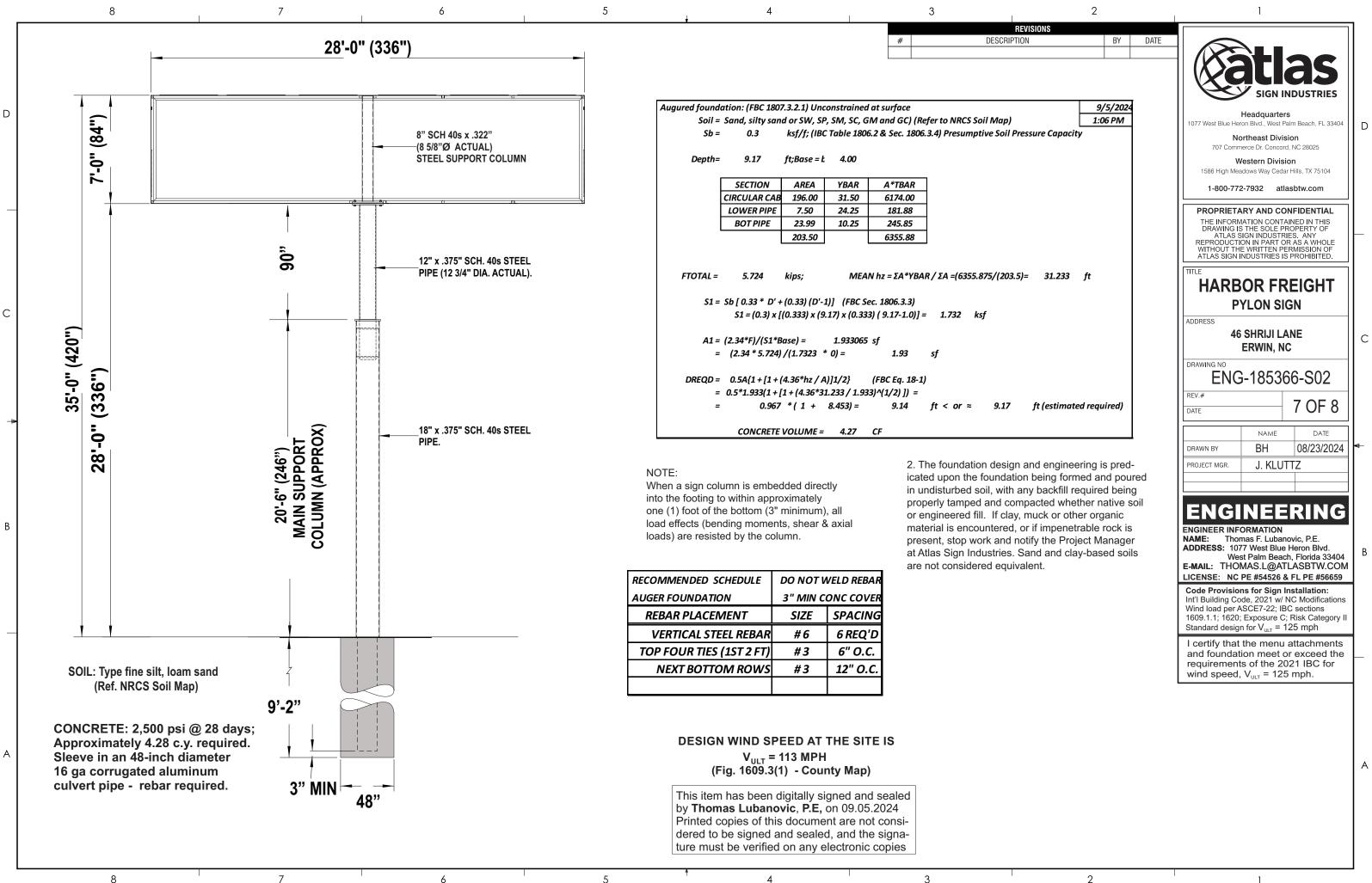
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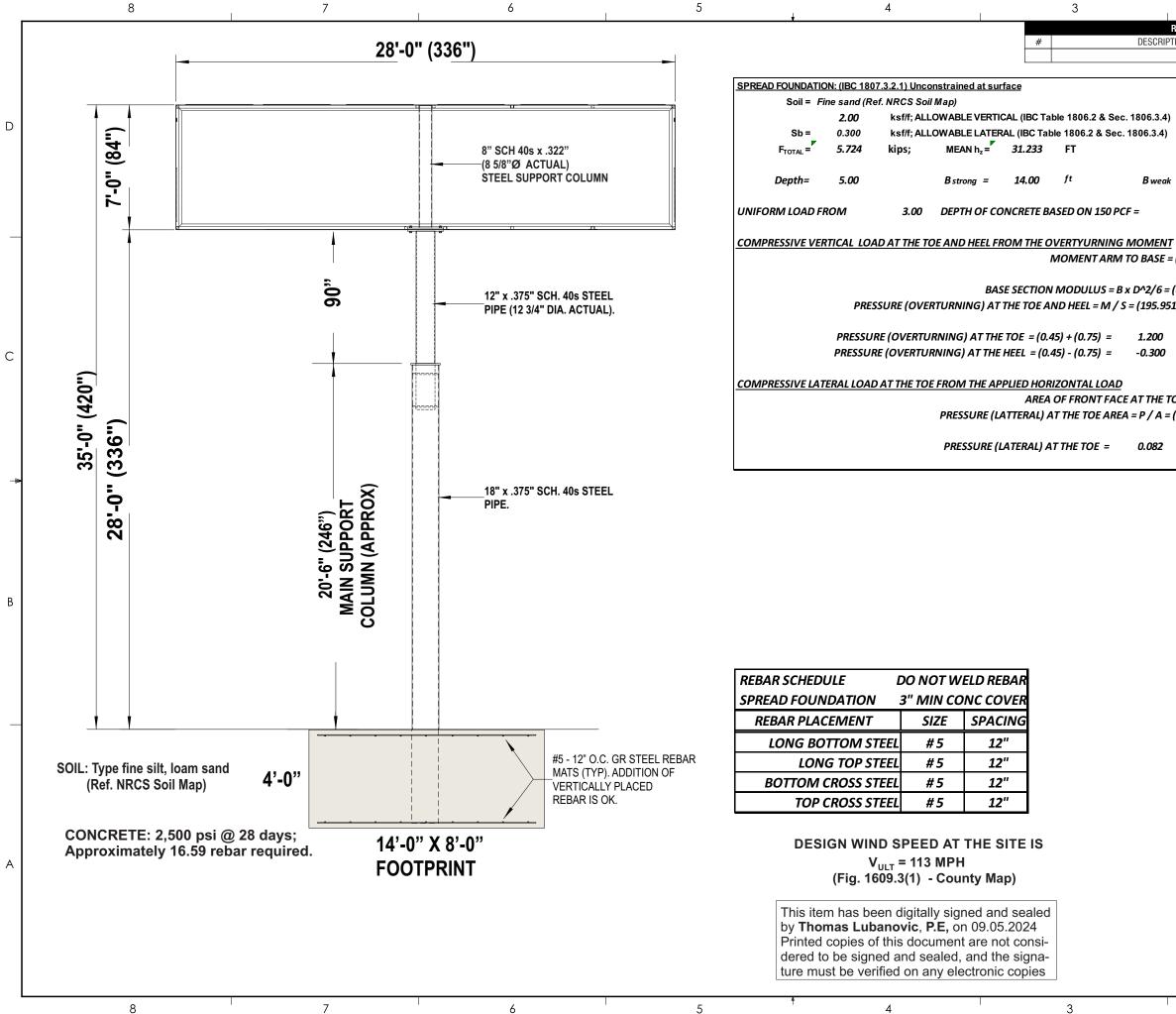
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REVISIONS PTION BY DATE	
t))	Headquarters 1077 West Blue Heron Blvd., West Palm Beach, FL 33404
	Northeast Division 707 Commerce Dr. Concord, NC 28025
$_{4k} = 8.00 f^{t}$	Western Division 1586 High Meadows Way Cedar Hills, TX 75104
(3)x150/1000 0.450 KSF	1-800-772-7932 atlasbtw.com
<u>IT</u> = (31.233) + (5) = 34.233 FT	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF ATLAS SIGN INDUSTRIES. ANY
#REF! 195.951 K-F = (8)X(14)^2 / 6 = 261.33 FT^3	REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF ATLAS SIGN INDUSTRIES IS PROHIBITED.
51) / (261.333) = 0.750 KSF	
< 2.00 KSF THEREFORE, OKAY ! OKAY	PYLON SIGN
TOE = (14) x (5) = 70 FT^2	46 SHRIJI LANE ERWIN, NC
= (5.724) / (70) = 0.082 KSF	DRAWING NO ENG-185366-S02
< 0.3 KSF THEREFORE, OKAY !	REV.# 8 OF 8
	NAME DATE
	DRAWN BY BH 08/23/2024 PROJECT MGR. J. KLUTTZ
	ENCINEEDING

ENGINEERING ENGINEER INFORMATION NAME: Thomas F. Lubanovic, P.E. ADDRESS: 1077 West Blue Heron Blvd. West Palm Beach, Florida 33404 E-MAIL: THOMAS.L@ATLASBTW.COM LICENSE: NC PE #54526 & FL PE #56659 Code Provisions for Sign Installation: Int'l Building Code, 2021 w/ NC Modifications

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Wind load per ASCE7-22; IBC sections 1609.1.1; 1620; Exposure C; Risk Category II Standard design for $V_{ULT} = 125$ mph I certify that the menu attachments

and foundation meet or exceed the requirements of the 2021 IBC for wind speed, $V_{uut} = 125$ mph.