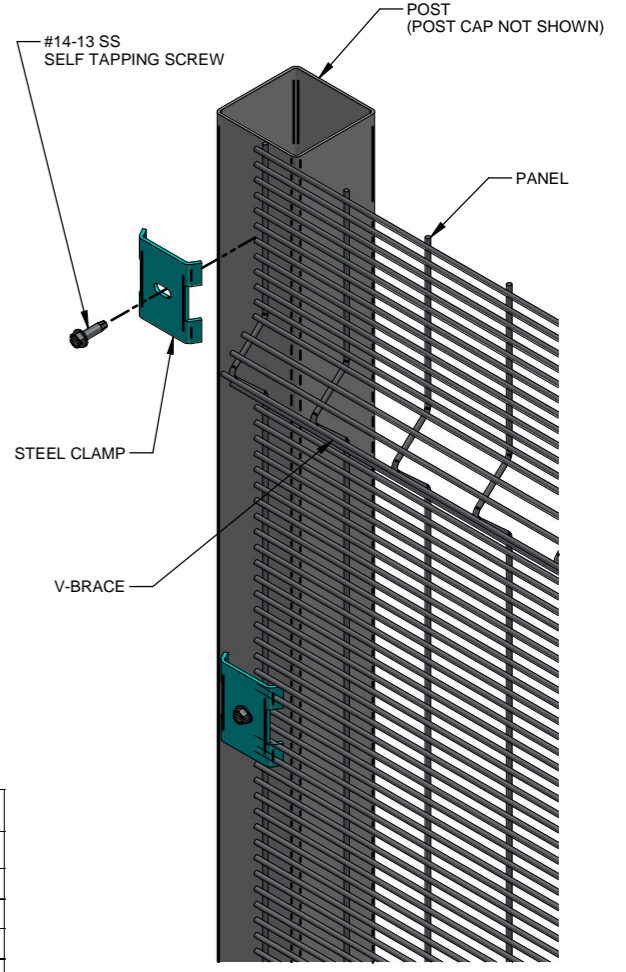
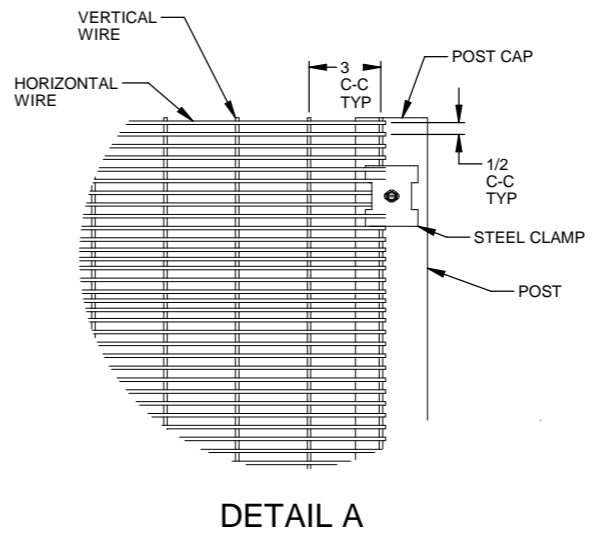
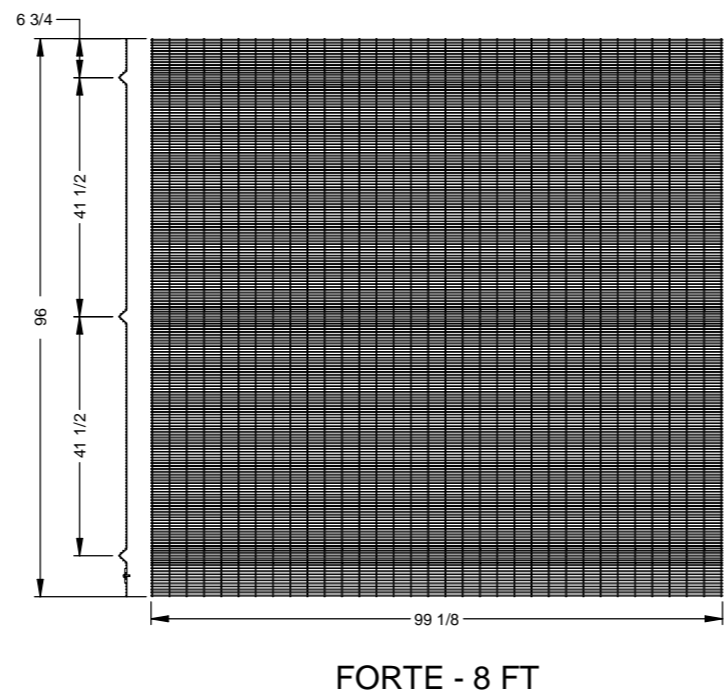
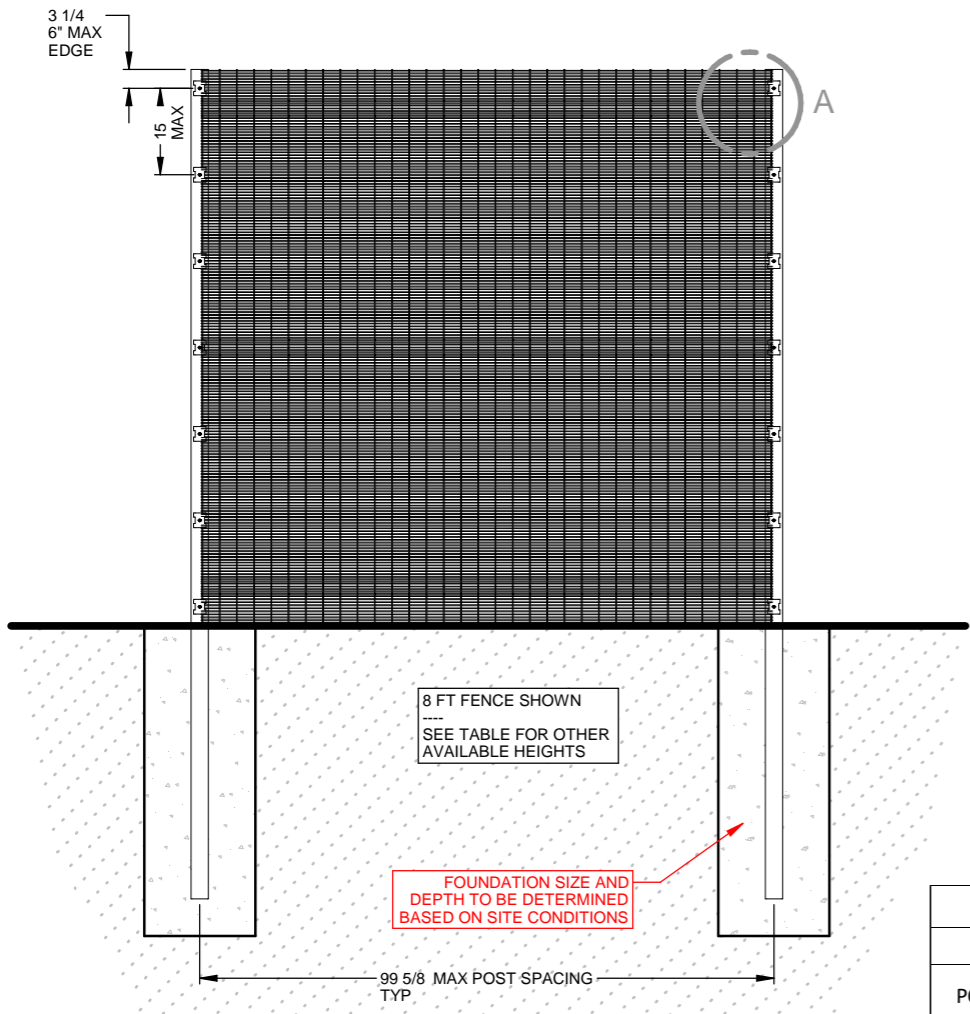


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	B	TITLE BLOCK, NOTE UPDATES	8/24/2023	



DMF SPECIFICATIONS						
	ITEM	DIMS./THICKNESS	YIELD STRENGTH	TENSILE STRENGTH	MATERIAL	ASTM STD.
POST	SIZE	VARIES	50 KSI	62 KSI	CARBON STEEL	A500
	COATING	0.9 OZ/SQFT	-	-	ZINC	A653 TABLE 1
POST CAP	SIZE	VARIES	-	-	PLASTIC INJECTION	-
	COATING	100 MICRONS	-	-	POWDER COATING	D7091
CLAMPS	COATING	-	-	-	ELECTROGALVANIZED STEEL	-
PANEL	HORIZONTAL WIRE	0.145" ϕ +/- 0.0019"	-	80 KSI	-	A641
	VERTICAL WIRE	0.145" ϕ +/- 0.0019"	-	80 KSI	-	A641
	COATING	100 MICRONS	-	-	ZINC	D7091

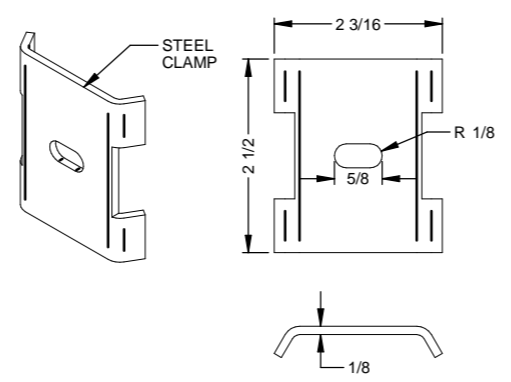
REQUIRED MINIMUM POST SIZE		
WIND SPEED (EXP C)	FENCE HEIGHT (ABOVE GROUND)	
	8 FT	6.3 FT
180 MPH	4.5 x 4.5 x 11 GA	4 x 4 x 11 GA
120 MPH	3 x 3 x 11 GA	

This item has been digitally signed and sealed by *Zane C. Pucylowski, PE* on 08/24/2023. Printed copies of this document are not considered signed and sealed and signature must be verified on any electronic copies.



- NOTES:
- OBTAIN APPROVAL / ENGINEERING FOR LOCAL SITE CONDITIONS, BUILDING CODE REQUIREMENTS, AND OBTAIN ALL NECESSARY BUILDING PERMITS
 - SCOPE
 - APPROVAL OF THE POSTS & BRACKETS FOR THE DEACERO FORTE FENCE SYSTEM
 - BY OTHERS: FABRICATION, INSTALLATION, FOUNDATIONS, SOIL / SITE CONDITIONS
 - LOADS

RISK CATEGORY = I, EXPOSURE CATEGORY C
 WIND (ULT): V = 180 MPH, qz = 59.9 PSF
 WIND (ULT): V = 120 MPH, qz = 26.6 PSF
 - STEEL
 - REFER TO SPECIFICATIONS
 - WELDING
 - ALL WELDING TO BE IN ACCORDANCE WITH AWS D1.1 OR EQUIVALENT
 - DO NOT ATTACH ANY OBJECTS TO FENCE THAT WOULD IMPEDE AIRFLOW THROUGH THE FENCE IN ANY MANNER (NO SIGNAGE, BANNERS, ETC.)



V-BRACE

DIMENSIONS IN INCHES UNLESS NOTED OTHERWISE TOLERANCES 3 PLACE DECIMAL ± .005 2 PLACE DECIMAL ± .02 1 PLACE DECIMAL ± .1 ANGLES ± 0.5° FRACTIONAL ± 1/16 BREAK SHARP EDGES AND CORNERS .010 MAX	DRAWN	AD	DATE	6/1/2023
	CHECKED	MR	DATE	6/1/2023
	QA			
	MFG			
APPROVED				

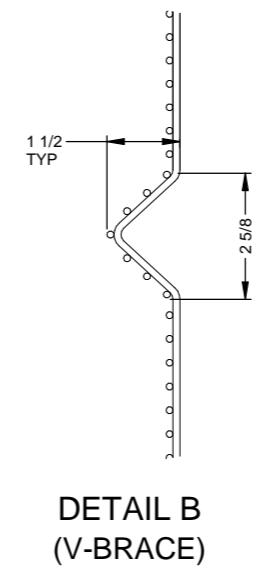
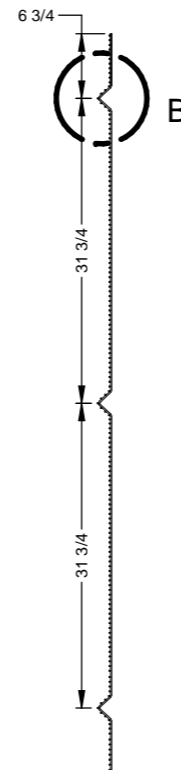
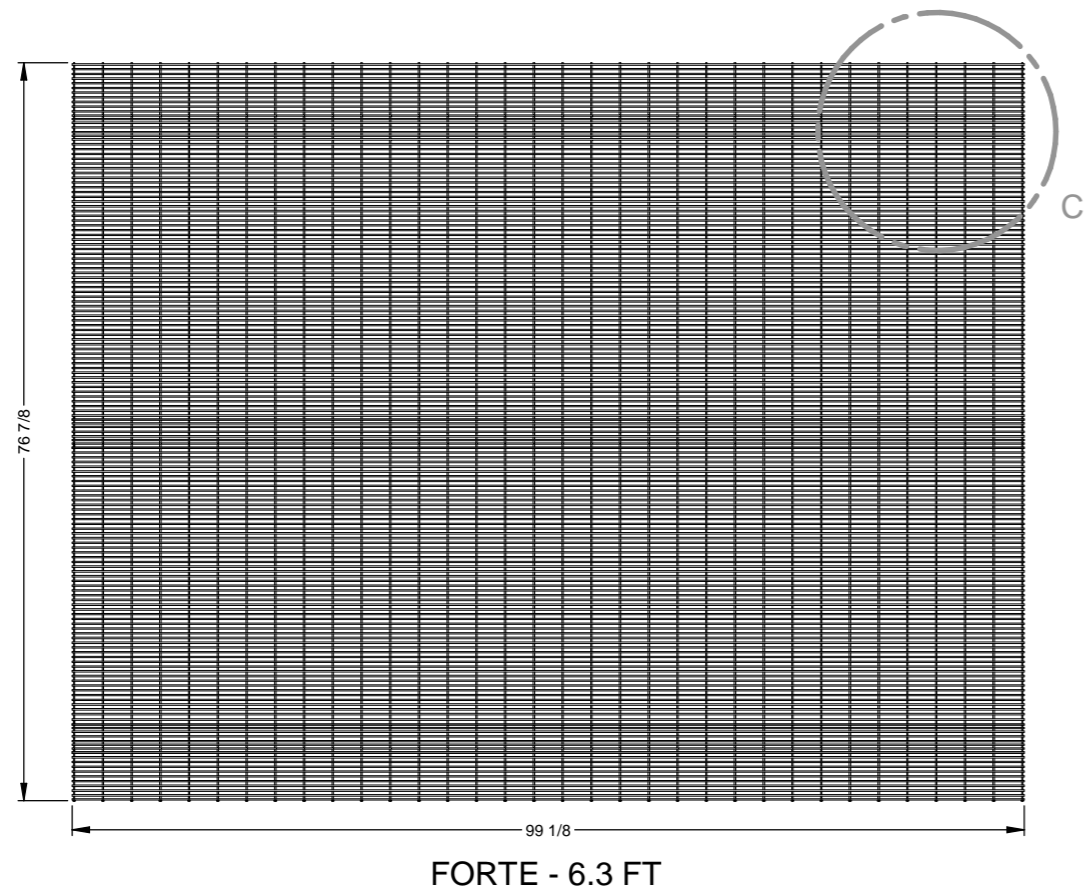
Certificate of Authorization No.: 31431

110 Londonderry Ct., Ste. 136-C Woodstock, Georgia 30188 (404) 216-0140 www.phoenixengineering.com			
FORTE FENCE SYSTEM			
SIZE	B	DWG NO.	23SY-DEA-00033-4
SCALE	NONE	SHEET	1 OF 4

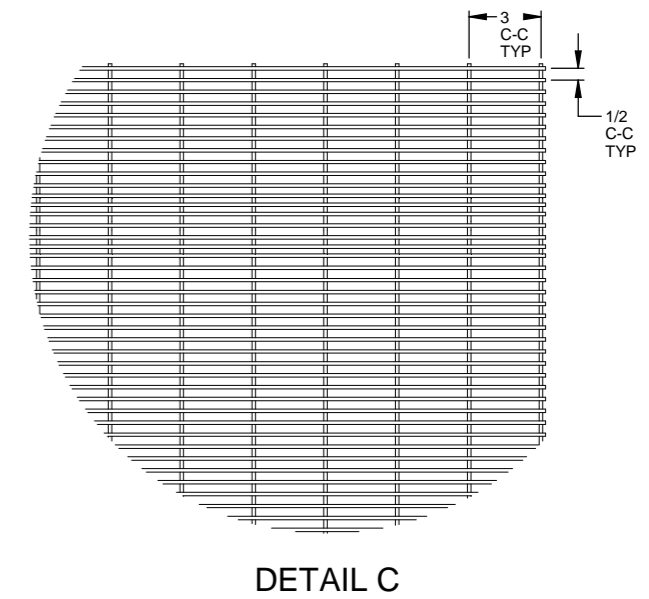
NOTE: WIRE DIMENSIONS ARE CENTER-TO-CENTER

REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED
	B	TITLE BLOCK, NOTE UPDATES	8/24/2023	



DETAIL B
(V-BRACE)



DETAIL C



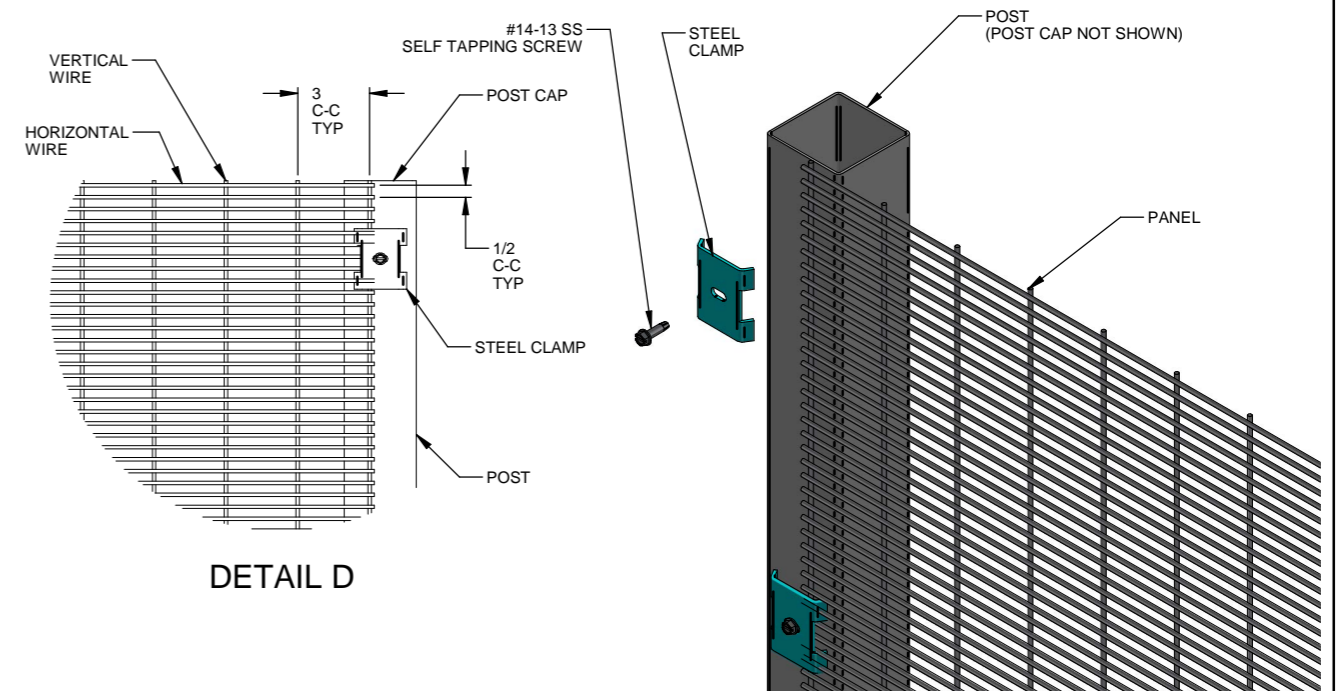
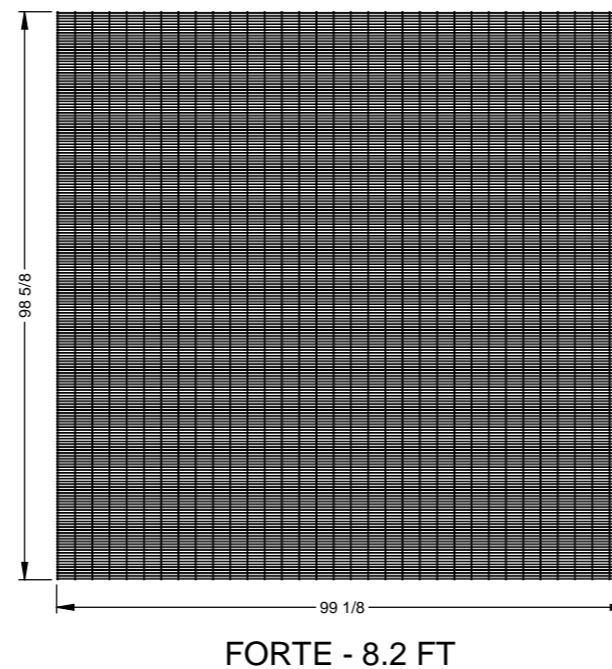
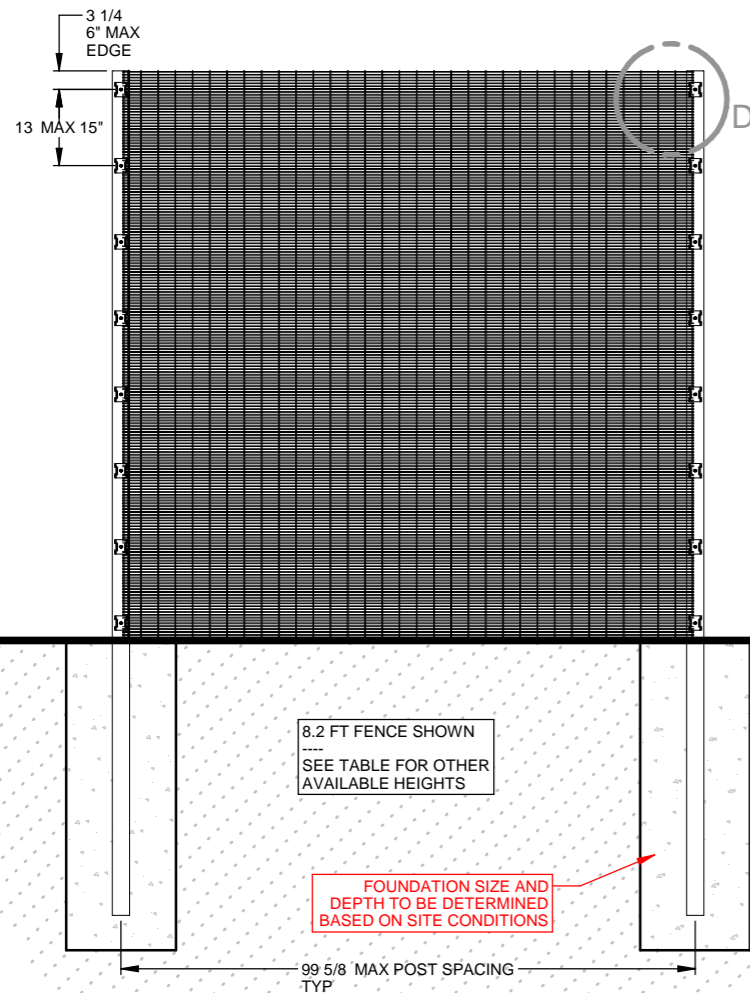
V-BRACE

DIMENSIONS IN INCHES UNLESS NOTED OTHERWISE TOLERANCES 3 PLACE DECIMAL ± .005 2 PLACE DECIMAL ± .02 1 PLACE DECIMAL ± .1 ANGLES ± 0.5° FRACTIONAL ± 1/16 BREAK SHARP EDGES AND CORNERS .010 MAX	DRAWN	AD	DATE	6/1/2023		PHOENIX 110 Londonderry Ct., Ste. 135-C Woodstock, Georgia 30188 (404) 216-0140 www.phoenixengineering.com
	CHECKED	MR	DATE	6/1/2023		
	QA					
	MFG					
	APPROVED					
SIZE B			DWG NO. 23SY-DEA-00033-4		REV B	
SCALE NONE			SHEET 2 OF 4			

NOTE: WIRE DIMENSIONS ARE CENTER-TO-CENTER

REVISIONS

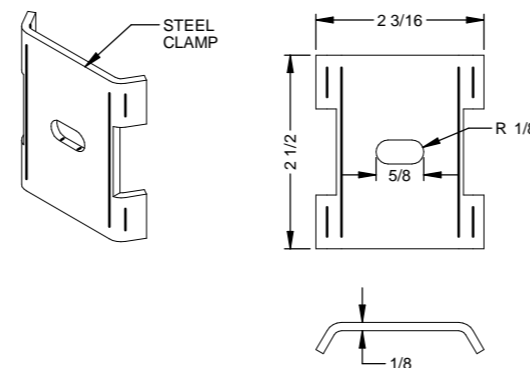
ZONE	REV	DESCRIPTION	DATE	APPROVED
	B	TITLE BLOCK, NOTE UPDATES	8/24/2023	



DMF SPECIFICATIONS						
	ITEM	DIMS./THICKNESS	YIELD STRENGTH	TENSILE STRENGTH	MATERIAL	ASTM STD.
POST	SIZE	VARIES	50 KSI	62 KSI	CARBON STEEL	A500
	COATING	0.9 OZ/SQFT	-	-	ZINC	A653 TABLE 1
POST CAP	SIZE	VARIES	-	-	PLASTIC INJECTION	-
	COATING	100 MICRONS	-	-	POWDER COATING	D7091
CLAMPS	COATING	-	-	-	ELECTROGALVANIZED STEEL	-
PANEL	HORIZONTAL WIRE	0.145" ϕ +/- 0.0019"	-	80 KSI	-	A641
	VERTICAL WIRE	0.145" ϕ +/- 0.0019"	-	80 KSI	-	A641
	COATING	100 MICRONS	-	-	ZINC	D7091

REQUIRED MINIMUM POST SIZE		
WIND SPEED (EXP C)	FENCE HEIGHT (ABOVE GROUND)	
180 MPH	4.5 x 4.5 x 11 GA	4 x 4 x 11 GA
120 MPH	3 x 3 x 11 GA	

- NOTES:
1. OBTAINED APPROVAL / ENGINEERING FOR LOCAL SITE CONDITIONS, BUILDING CODE REQUIREMENTS, AND OBTAIN ALL NECESSARY BUILDING PERMITS
 2. SCOPE
 - 2.1. APPROVAL OF THE POSTS & BRACKETS FOR THE DEACERO FORTE FENCE SYSTEM
 - 2.2. BY OTHERS: FABRICATION, INSTALLATION, FOUNDATIONS, SOIL / SITE CONDITIONS
 3. LOADS
RISK CATEGORY = I, EXPOSURE CATEGORY C
WIND (ULT): V = 180 MPH, qz = 59.9 PSF
WIND (ULT): V = 120 MPH, qz = 26.6 PSF
 4. STEEL
 - 4.1. REFER TO SPECIFICATIONS
 5. WELDING
 - 5.1. ALL WELDING TO BE IN ACCORDANCE WITH AWS D1.1 OR EQUIVALENT
 6. DO NOT ATTACH ANY OBJECTS TO FENCE THAT WOULD IMPEDE AIRFLOW THROUGH THE FENCE IN ANY MANNER (NO SIGNAGE, BANNERS, ETC.)



FLAT

DIMENSIONS IN INCHES UNLESS NOTED OTHERWISE TOLERANCES 3 PLACE DECIMAL ± .005 2 PLACE DECIMAL ± .02 1 PLACE DECIMAL ± .1 ANGLES ± 0.5° FRACTIONAL ± 1/16 BREAK SHARP EDGES AND CORNERS .010 MAX	DRAWN	DATE	
	AD	6/1/2023	
	CHECKED	DATE	
	MR	6/1/2023	
	QA		
	MFG		
	APPROVED		



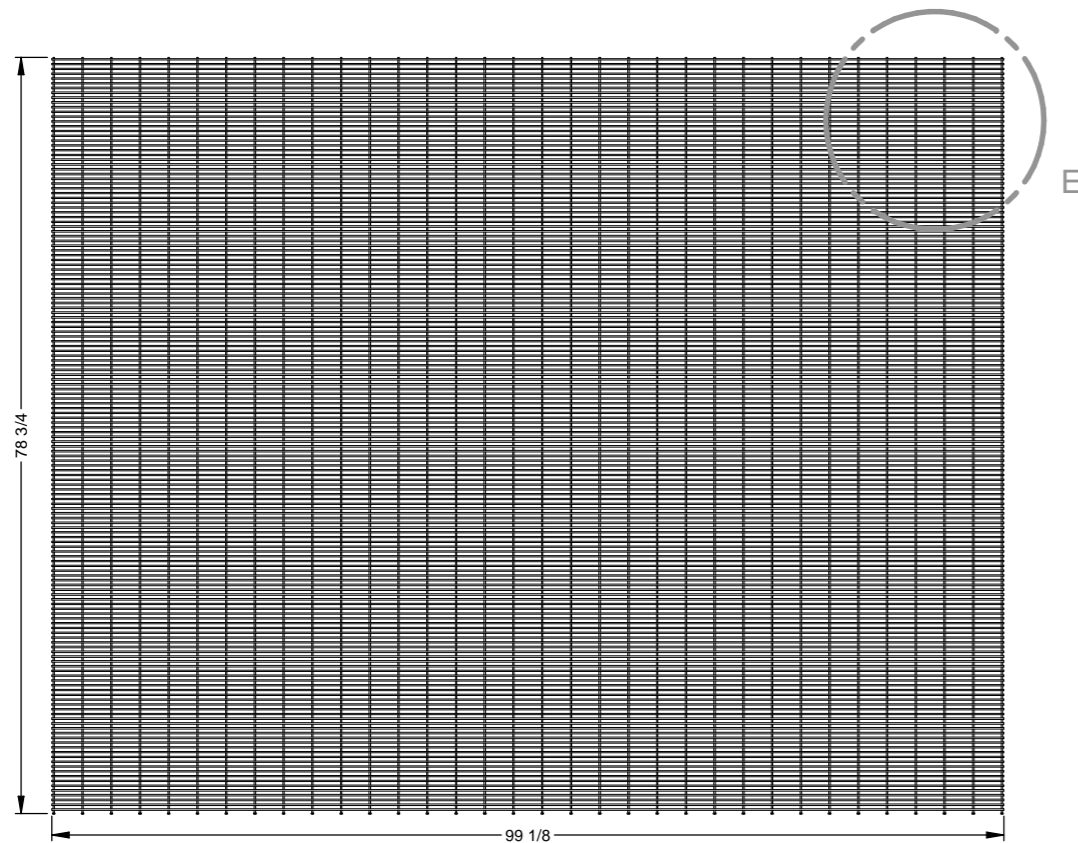
8/24/2023

		PHOENIX ENGINEERING & CONSULTING, INC. 110 Londonderry Ct., Ste. 136-C Woodstock, Georgia 30188 (404) 216-0140 www.phoenixengineering.com
FORTE FENCE SYSTEM		
SIZE	DWG NO. 23SY-DEA-00033-4	REV B
SCALE	NONE	SHEET 3 OF 4

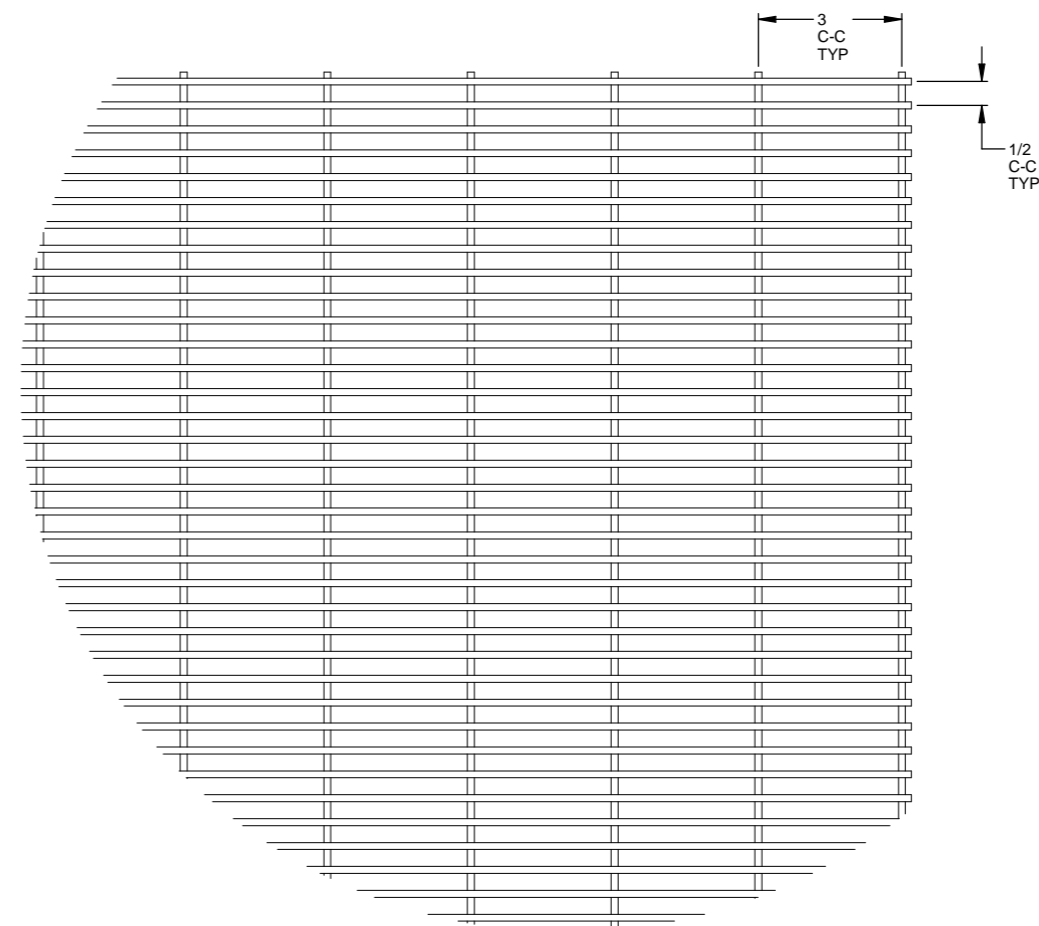
NOTE: WIRE DIMENSIONS ARE CENTER-TO-CENTER

REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED
	B	TITLE BLOCK, NOTE UPDATES	8/24/2023	



FORTE 6.6 FT



DETAIL E



FLAT

DIMENSIONS IN INCHES UNLESS NOTED OTHERWISE TOLERANCES 3 PLACE DECIMAL ± .005 2 PLACE DECIMAL ± .02 1 PLACE DECIMAL ± .1 ANGLES ± 0.5° FRACTIONAL ± 1/16 BREAK SHARP EDGES AND CORNERS .010 MAX	DRAWN AD	DATE 6/1/2023		PHOENIX ENGINEERING, INC. 110 Londonderry Ct., Ste. 135-C Woodstock, Georgia 30188 (404) 216-0140 www.phoenixengineering.com
	CHECKED MR	DATE 6/1/2023		
	QA		FORTE FENCE SYSTEM	
	MFG			
	APPROVED		SIZE B DWG NO. 23SY-DEA-00033-4 REV B	
			SCALE NONE SHEET 4 OF 4	

NOTE: WIRE DIMENSIONS ARE CENTER-TO-CENTER