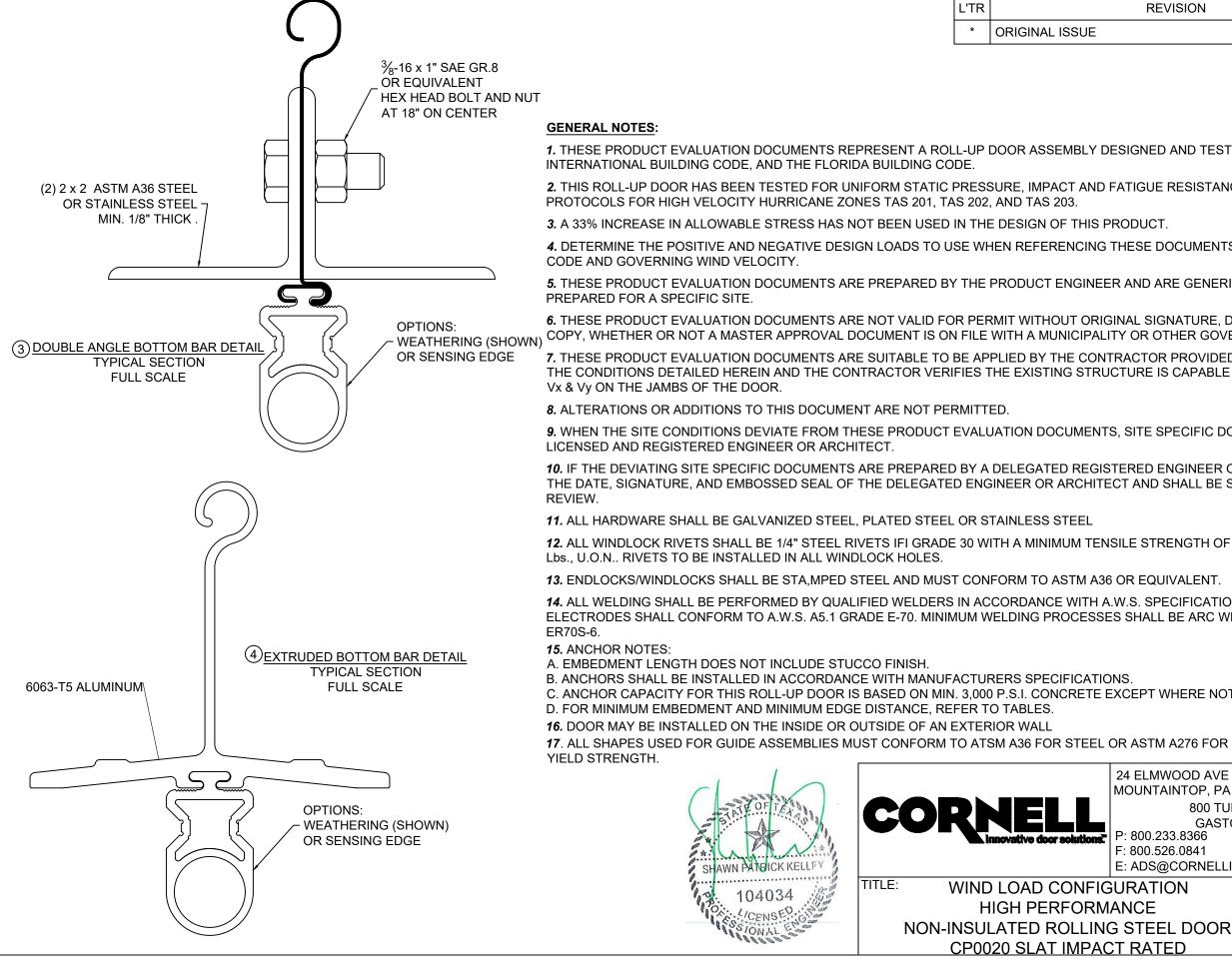


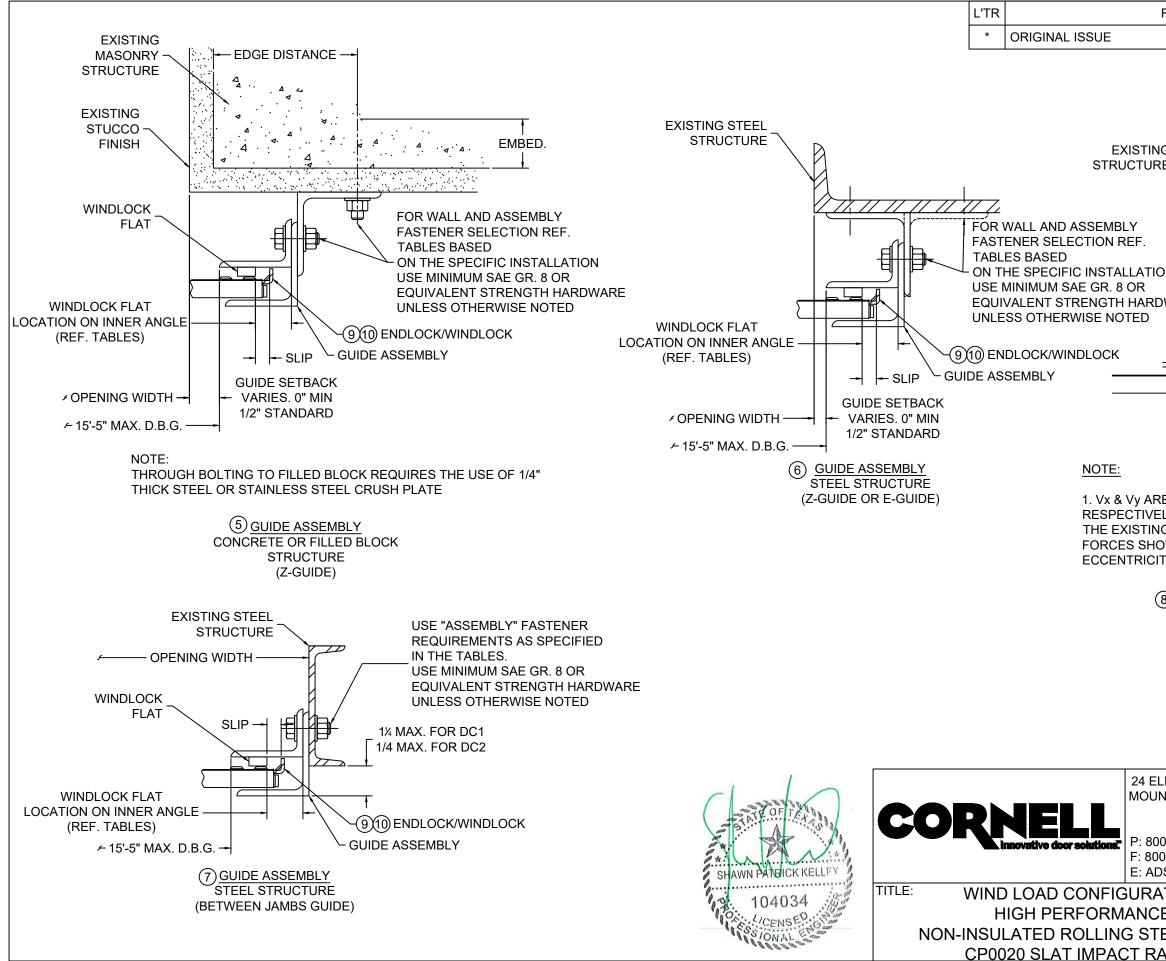
REVISION	DATE	BY	E.C.O.
	04/20/20	CJR	1998
T	E 40 G40 OR RADE 40 G40 YIELD 40,000 YIELD 40,000 YIELD 40,000	psi) psi) psi)	
FULL SCALE ELMWOOD AVE 1901 S. LITCHFIELD R JNTAINTOP, PA GOODYEAR, AZ	dimensions	are in ir	iches &
	tolera	ances are	e:
00.233.8366 00.526.0841 DS@CORNELLIRON.COM	0.000 FRACTIO ANGLES		- 1/32
ATION DRAWN BY:		CALE:	
CE CJR TEEL DOOR DWG NO:	B AS	S NOTED	1/8
	<u>S 16-99</u>	9-CI\	N
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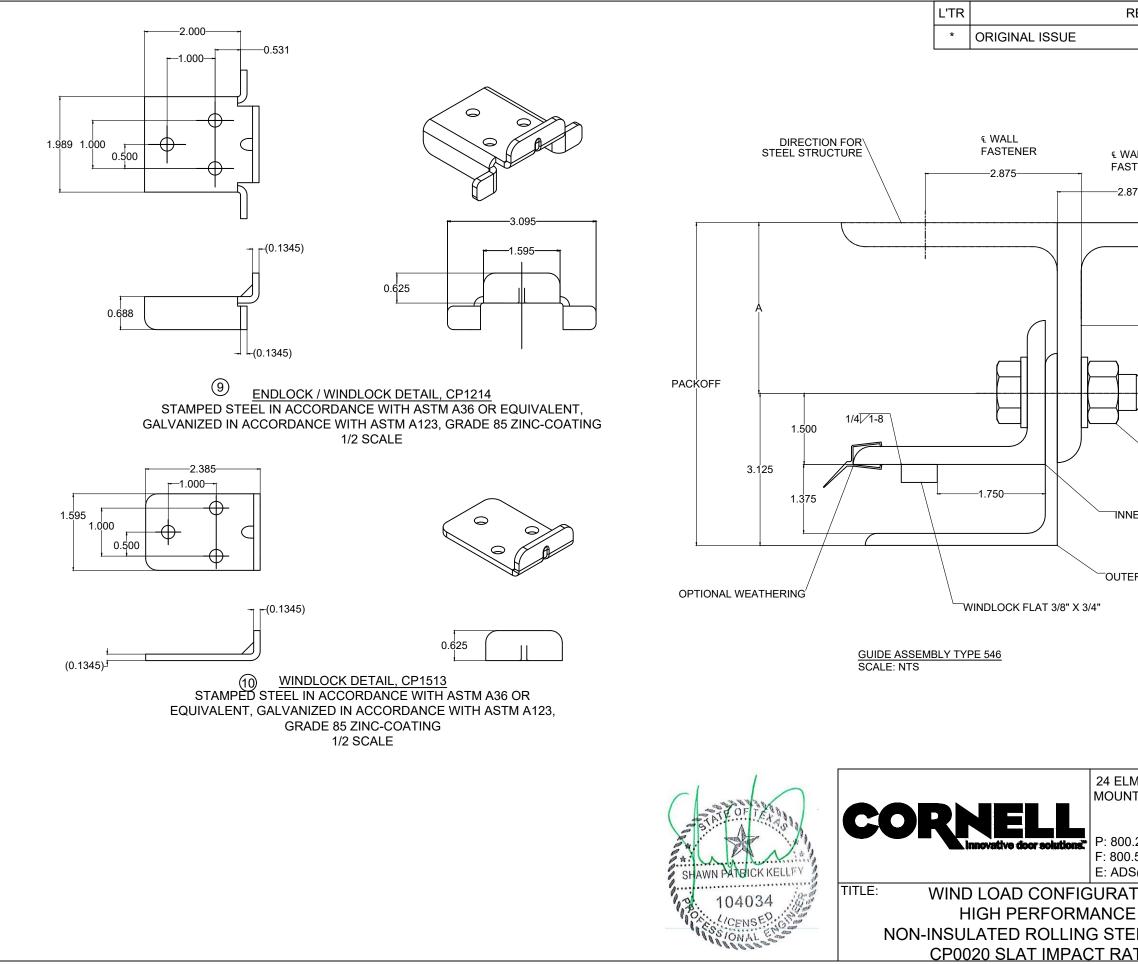
REVISION		DATE	BY	E.C.O.			
		04/20/20	CJR	1998			
NED AND TESTED IN A	CCORDANCE	WITH THE 2	2018				
GUE RESISTANCE IN A	CCORDANCE	WITH THE F	BC TEST	Г			
UCT. SE DOCUMENTS IN ACC		TH THE GC	VERNIN	G			
ID ARE GENERIC. THEY	DO NOT INCL	UDE INFOR	RMATION	I			
. SIGNATURE, DATE AN R OTHER GOVERNING		SEAL ON E	ACH PE	RMIT			
TOR PROVIDED THE C RE IS CAPABLE OF SUP							
TE SPECIFIC DOCUMEN	ITS SHALL BE	PREPARED	) BY A D	ULY			
ED ENGINEER OR ARCH ND SHALL BE SUBMITT							
STRENGTH OF 1,850 LI	bs., AND SHEA	R STRENG	TH OF 2,	400			
EQUIVALENT. . SPECIFICATIONS, LATEST EDITION. ALL WELDING IALL BE ARC WELDING A.W.S. E7014 OR MIG WELDING A.W.S.							
PT WHERE NOTED							
STM A276 FOR TYPES 304 OR 316 WITH A MINIMUM 36 KSI							
800 TULIP DRIV	DYEAR, AZ /E	Unless otherwise specified, dimensions are in inches & tolerances are:					
GASTONIA, N 00.233.8366 00.526.0841 DS@CORNELLIRON.CC	0.000 = +/- 0.031 FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG						
ATION CE	DRAWN BY: CJR		SCALE: S	SHEET: 2/8			

DWG NO:

ES-16-99-CIW

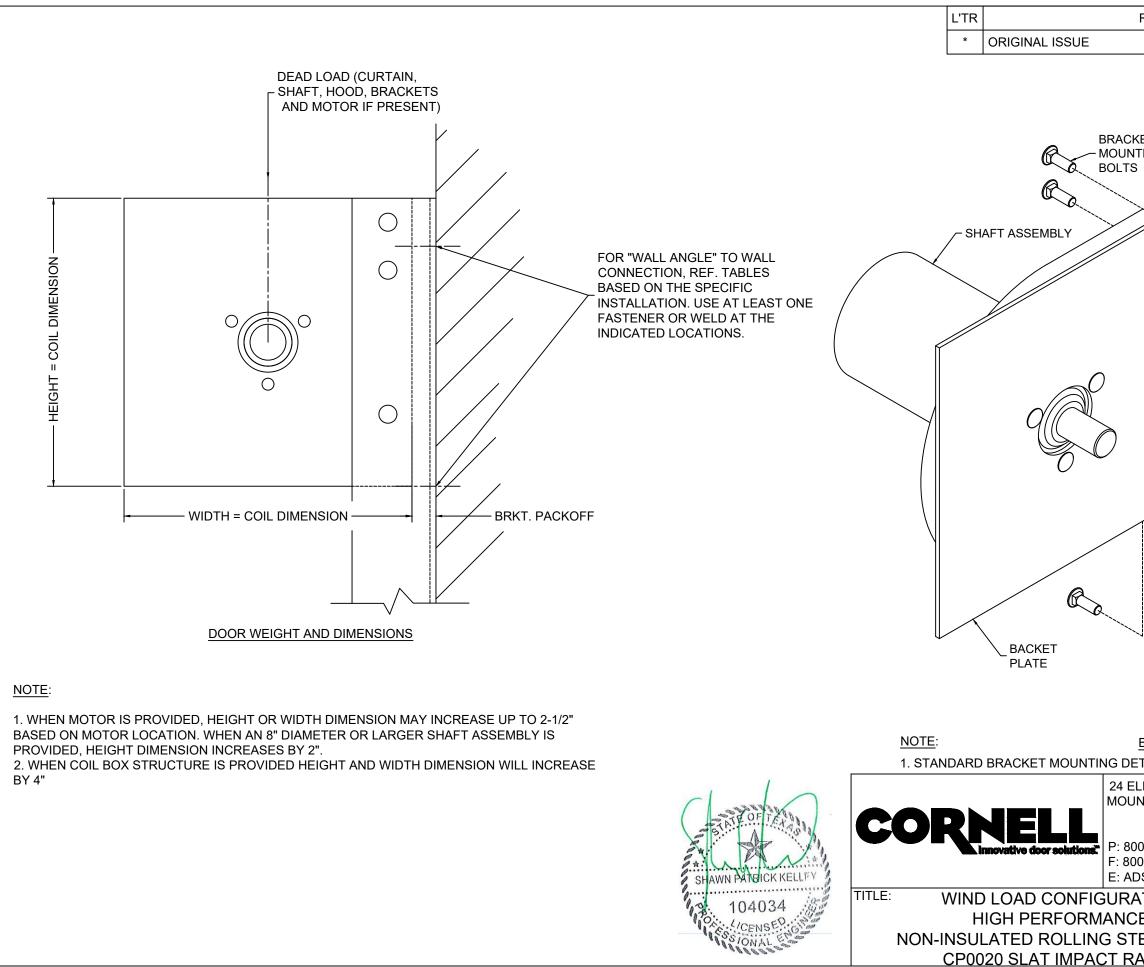


REVISION		DATE	BY	E.C.O.
		04/20/20	CJR	1998
NG NG ON DWARE 3/16" Vy(-) Vx Vy(+) RE HORIZ. AND VERT. O Vy(+) RE HORIZ. AND VERT. O ELY, RESULTING FROM NG STRUCTURE SHALL OWN AND THE CORRE ITIES OF THE FORCES (8) <u>SUPERIMPOSED L</u> SCALE: 3" = 1'-0"	I WIND LOADS BE CAPABLE SPONDING RE .OAD DIAGRAM	ON THE RO OF RESIST ACTIONS D	DLL-UP I ING Vx 8 DUE TO 7	DOOR. Vy THE
NTAINTOP, PA GOO 800 TULIP DRI\ GASTONIA, N 00.233.8366		dimensions are in inches & tolerances are: 0.000 = +/- 0.031		
0.526.0841 DS@CORNELLIRON.CC	MC	FRACTIO ANGLES		
ATION	DRAWN BY:		CALE:	
E	CJR	BAS	S NOTED	3/8
EEL DOOR	<sup>DWG NO:</sup> E	S-16-99	9-CIV	1



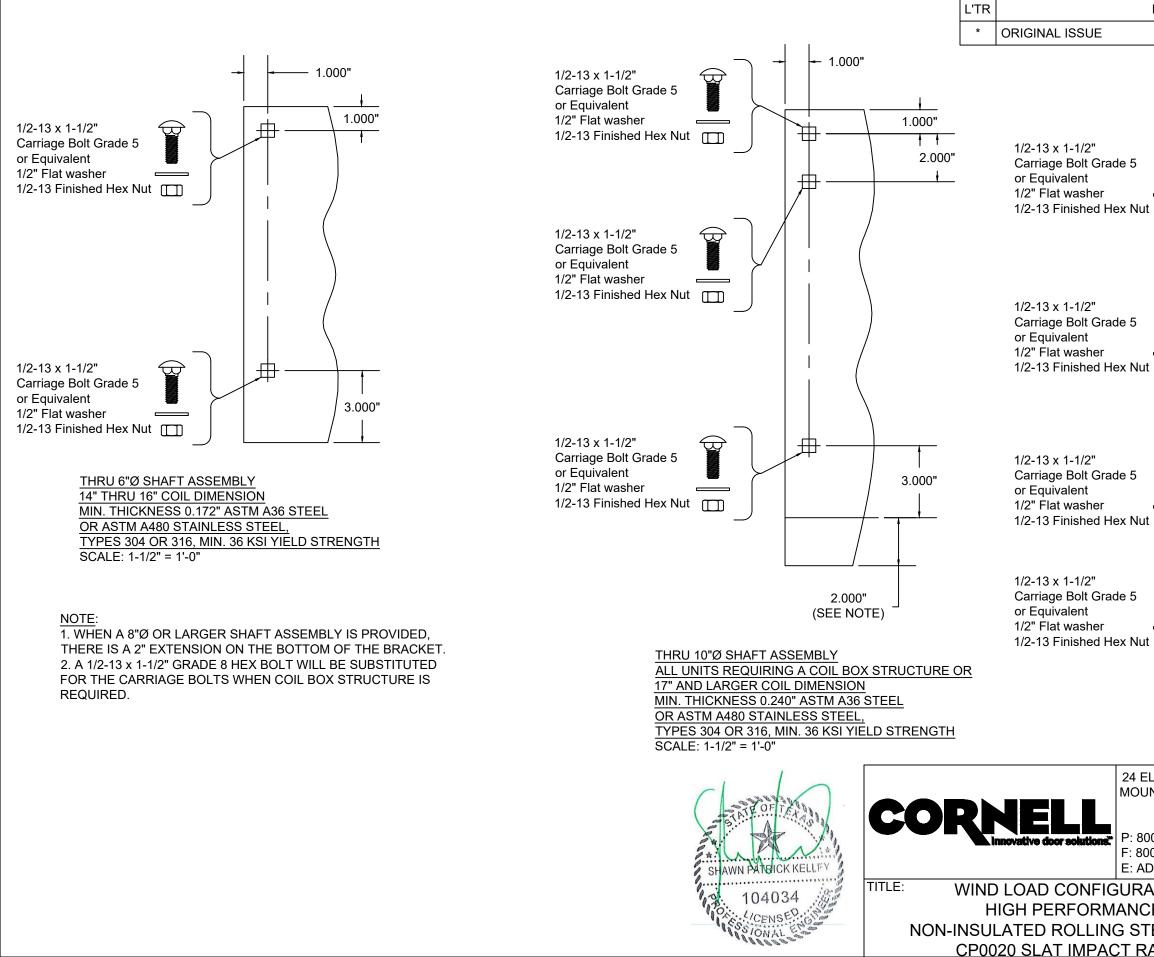
REVIEWED FOR SPECIFIED DOOR COMPONENTS ONLY, EXISTING STRUCTURE NOT ANALYZED

REVISION				
		DATE	BY	E.C.O.
		04/20/20	CJR	1998
WALL ASTENER 2.875		DIRECTION FOI STRUCTURE FOR STEEL S	E, OPTION	IAL
WALL 4" X 4" X 3/8"				
ASSEMBLY FASTEN	ER			
NNER 4" X 3" X 5/16"				
TER 4" X 4" X 1/4"				
TER 4" X 4" X 1/4"		6"		
TER 4" X 4" X 1/4"		6" 5 3/4"		2.875"
TER 4" X 4" X 1/4"		5 3/4"	2	2.625"
TER 4" X 4" X 1/4"			2	2.625" 2.375"
TER 4" X 4" X 1/4"		5 3/4" 5 1/2"	2	2.625" 2.375" 2.125"
ITER 4" X 4" X 1/4"		5 3/4" 5 1/2" 5 1/4"	22	2.625" 2.375" 2.125" 1.875"
ITER 4" X 4" X 1/4"		5 3/4" 5 1/2" 5 1/4" 5"	2 2 2 2 1 1	2.625" 2.375" 2.125"
ITER 4" X 4" X 1/4"		5 3/4" 5 1/2" 5 1/4" 5" 4 3/4" 4 1/2"	2 2 2 2 1 1	2.625" 2.375" 2.125" 1.875" 1.625"
ELMWOOD AVE 1901 S. I INTAINTOP, PA GOO 800 TULIP DRI\ GASTONIA, NG 20.233.8366 20.526.0841	LITCHFIELD RD DYEAR, AZ /E C	5 3/4" 5 1/2" 5 1/4" 5" 4 3/4" 4 1/2" ACKOFF Unless othe dimensions tolera	2 2 2 2 2 2 2 2 1 1 1 1 2 2 2 2 2 2 2 2	2.625" 2.375" 2.125" 1.625" 1.625" 1.375" A becified, noches & e: 31 /- 1/32
	LITCHFIELD RD DYEAR, AZ /E C	<u>5 3/4"</u> <u>5 1/2"</u> <u>5 1/4"</u> <u>5"</u> <u>4 3/4"</u> <u>4 1/2"</u> <u>ACKOFF</u> Unless othe dimensions tolera 0.000 FRACTIO ANGLES SIZE: S	2 2 2 2 2 2 2 2 1 1 1 1 2 2 2 2 2 2 2 2	2.625" 2.375" 2.125" 1.625" 1.625" 1.375" A Decified, noches & e: 31 /- 1/32 2 DEG SHEET:

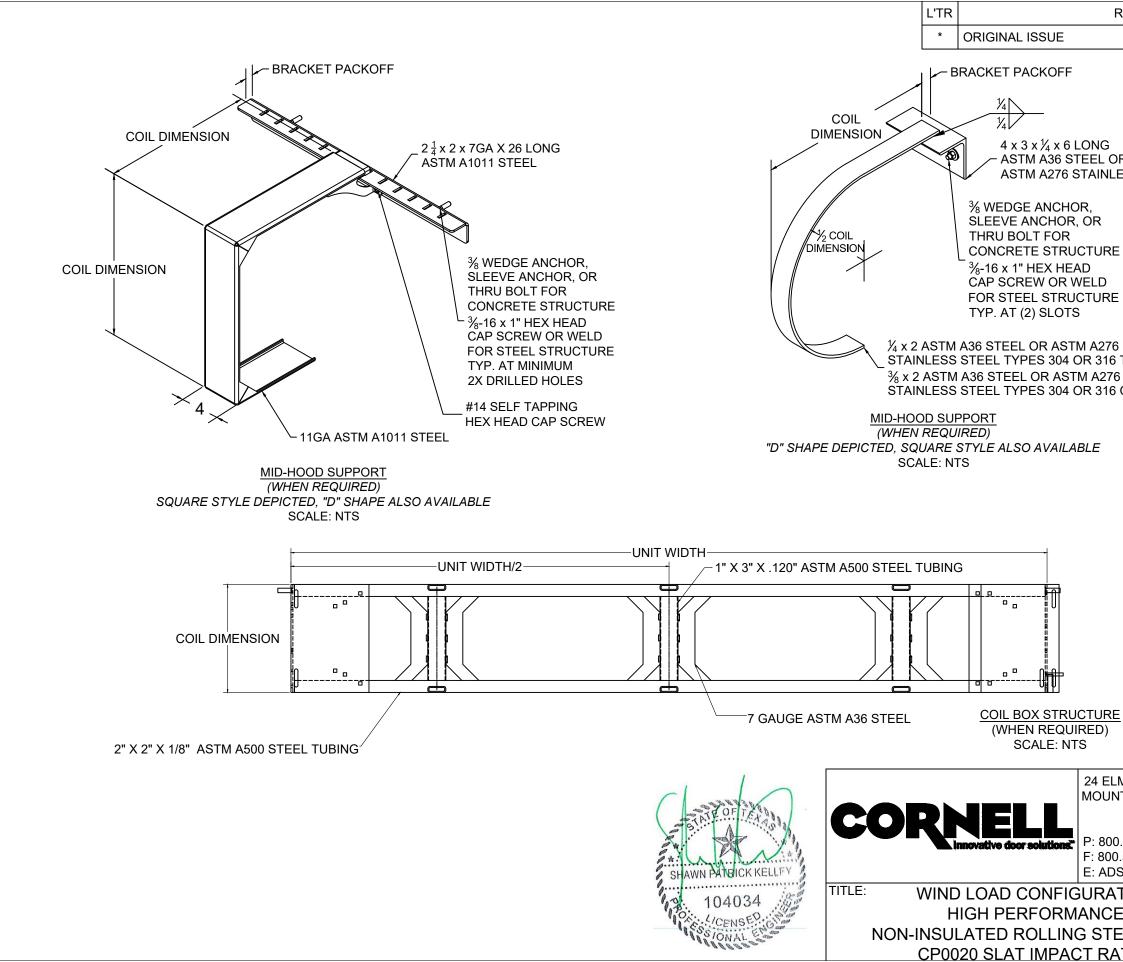


## REVIEWED FOR SPECIFIED DOOR COMPONENTS ONLY, EXISTING STRUCTURE NOT ANALYZED

REVISION		DATE	BY	E.C.O.
		04/20/20	CJR	1998
	I Q	FINISI HEX N	NUT	
WALL		NGS ARF AV	'AILABI	E
LMWOOD AVE 1901 S. INTAINTOP, PA GOO 800 TULIP DRI GASTONIA, N 00.233.8366 00.526.0841 DS@CORNELLIRON.CO	Unless othe dimensions tolera 0.000 FRACTIO ANGLES	erwise sp are in ir ances ar = +/- 0.0 NAL = + = +/- 1/2	Decified, Inches & e: 131 /- 1/32	
E EEL DOOR ATED	CJR <sup>DWG NO:</sup> E	BAS S-16-99	NOTED 9-CIV	



				11		
REVISION		DATE	BY	E.C.O.		
		04/20/20	CJR	1998		
	1.000" 1.000" 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	↓ 000" ↓ ↓ 2.000" ↓ ↓ 2.000" ↓ 3.00 2.000" ↓ 3.00 2.000" ↓ 1 3.00 2.000" ↓ 1 4.000" ↓ 1 4.	5.0 5.0 00"	00"		
	-1/2" = 1'-0"					
LMWOOD AVE 1901 S. L NTAINTOP, PA GOOI 800 TULIP DRIV GASTONIA, NO 00.233.8366 00.526.0841 DS@CORNELLIRON.CO	0.000 FRACTIO ANGLES	are in ir inces are = +/- 0.0 NAL = +/ = +/- 1/2	iches & e: 31 /- 1/32 2 DEG			
LLL DOOK		CJR B AS NOTED 6/8 WG NO: ES-16-99-CIW				
ATED						



REVISION		DATE	BY	E.C.O.
		04/20/20	CJR	1998
5				
OR ILESS STEEL TYPES 30				
	H 01( 310			
RE				
RE				
76				
16 THRU 19" COIL				
76 16 OVER 19" COIL				
<u>RE</u> )				
ELMWOOD AVE 1901 S.	LITCHFIELD RD	Unless othe	erwise sp	ecified,
JNTAINTOP, PA GOO	DYEAR, AZ	dimensions		ches &
800 TULIP DRI GASTONIA, N				
00.233.8366 00.526.0841		0.000 FRACTIO	= +/- 0.0 NAL = +/	
DS@CORNELLIRON.CO		ANGLES	= +/- 1/2	DEG
ATION				
CE TEEL DOOR			<u>S NOTED</u>	7/8
RATED	E	S-16-99	9-CIW	/

							CP0020 - GAL\	ANIZED OR ST	AINLESS STEEL				
									Concrete Mini	mum 3000psi	Compressive S	trength Concre	ete (
Configuration	Minimum	Maximum	Windlock Flat	Slip	Windlock	Windlock	Assembly	, i _ · i		Hilti Kwik Bolt 3			
Comguration	Thickness	Pressure	Location	Silþ	WINDIOCK	Weld Pitch	Fastener Diameter	Spacing	Max O.C.	Embed	Min Wall Thick	Edge Dist.	Ν
546	0.0405"	50 PSF	1.75"	0.865"	CP1214 & CP1513	8"	5/8"	18"	8"	4-3/8"	8"	7-5/8"	

		Concret	e (cont.)			Filled CMU		Steel (Wall	anchors sre th	e same diamet	er as assembl	y fasteners)	
Configuration	ITW Redhead Trubolt		Hilit Kwik HUS-EZ		Welded		Through Bolt	Tapped					
	Max O.C.	Embed	Min Wall Thick	Edge Dist.	Max O.C.	Embed	Edge Dist.	Max O.C.	Slot Size	Max O.C.	Max O.C.	Min Thickness	
546	8"	4-5/8"	8"	7-5/8"	8"	5"	7-5/8"	14"	11/16" x 7/8"	14"	14"	3/8"	



REVISION			DATE	BY	E.C.O.
			04/20/20	CJR	1998
e (anchors ar	e the same	diameter as as	sembly faste	eners	
	Simps	on Wedge All			
Max O.C.	Embed	Min Wal Thick	Edge D	ist.	
8"	4-1/2"	6-3/4"	7-5/8	3"	
Superim	posed Load	ds (at Maximur	n Pressure)		
Vx(+)	Vy(+)	Vx(-)	Vy(-	)	
1297	386	1273	386		
INTAINTOP, 800 GA 00.233.8366 00.526.0841 DS@CORNE	PA GOO TULIP DRIV STONIA, N	с Эм	0.000 FRACTIO ANGLES	are in ir ances are = +/- 0.0 NAL = +/ = +/- 1/2	nches & e: 031 /- 1/32 2 DEG
ATION CE		DRAWN BY: CJR		CALE:	SHEET: 8/8
EEL DOC	DR		S-16-99		