

	L"
3/8-16 x 1" SAE GR.8 OR EQUIVALENT HEX HEAD BOLT AND NUT AT 18" ON CENTER	
(2) 2 x 2 ASTM A36 STEEL OR STAINLESS STEEL 1/8" THICK THRU 21'-5" D.B.G. 3/16" THICK OVER 21'-5" D.B.G.	GENERAL NOTES: 1. THESE PRODUCT EVALUATION DOCUMENTS REPRESENT A ROLL-INTERNATIONAL BUILDING CODE AND THE FLORIDA BUILDING CODE 2. THIS ROLL-UP DOOR HAS BEEN TESTED FOR UNIFORM STATIC PR 3. A 33% INCREASE IN ALLOWABLE STRESS HAS NOT BEEN USED IN
	4. DETERMINE THE POSITIVE AND NEGATIVE DESIGN LOADS TO USE CODE AND GOVERNING WIND VELOCITY.5. THESE PRODUCT EVALUATION DOCUMENTS ARE PREPARED BY T PREPARED FOR A SPECIFIC SITE.
OPTIONS: OPTIONS: WEATHERING (SHOWN OR SENSING EDGE FULL SCALE	6. THESE PRODUCT EVALUATION DOCUMENTS ARE NOT VALID FOR DOPY, WHETHER OR NOT A MASTER APPROVAL DOCUMENT IS ON F. 7. THESE PRODUCT EVALUATION DOCUMENTS ARE SUITABLE TO BE THE CONDITIONS DETAILED HEREIN AND THE CONTRACTOR VERIFIE
	Vx & Vy ON THE JAMBS OF THE DOOR. 8. ALTERATIONS OR ADDITIONS TO THIS DOCUMENT ARE NOT PERM 9. WHEN THE SITE CONDITIONS DEVIATE FROM THESE PRODUCT EV LICENSED AND REGISTERED ENGINEER OR ARCHITECT.
	10. IF THE DEVIATING SITE SPECIFIC DOCUMENTS ARE PREPARED BY THE DATE, SIGNATURE, AND EMBOSSED SEAL OF THE DELEGATED BY REVIEW.11. ALL HARDWARE SHALL BE GALVANIZED STEEL, PLATED STEEL OF THE DELEGATED BY REVIEW.
	12. ALL WINDLOCK RIVETS SHALL BE 1/4" STEEL RIVETS IFI GRADE 30 Lbs., U.O.N RIVETS TO BE INSTALLED IN ALL WINDLOCK HOLES. 13. ENDLOCKS/WINDLOCKS SHALL BE STA, MPED STEEL AND MUST COMMERCE.
	14. ALL WELDING SHALL BE PERFORMED BY QUALIFIED WELDERS IN ELECTRODES SHALL CONFORM TO A.W.S. A5.1 GRADE E-70. MINIMUI ER70S-6.
6063-T5 ALUMINUM THRU 21'5" D.B.G.	15. ANCHOR NOTES: A. EMBEDMENT LENGTH DOES NOT INCLUDE STUCCO FINISH. B. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFAC C. ANCHOR CAPACITY FOR THIS ROLL-UP DOOR IS BASED ON MIN. 3 D. FOR MINIMUM EMBEDMENT AND MINIMUM EDGE DISTANCE, REFE 16. DOOR MAY BE INSTALLED ON THE INSIDE OR OUTSIDE OF AN EX 17. ALL SHAPES USED FOR GUIDE ASSEMBLIES MUST CONFORM TO YIELD STRENGTH.
OPTIONS: - WEATHERING (SHOWN) OR SENSING EDGE	COR
	TITLE: WI

L'TR	REVISION	DATE	BY	E.C.O.
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- -UP DOOR ASSEMBLY DESIGNED AND TESTED IN ACCORDANCE WITH THE 2018
- RESSURE IN ACCORDANCE WITH THE FBC TEST PROTOCOL TAS 202.
- N THE DESIGN OF THIS PRODUCT.
- SE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING
- THE PRODUCT ENGINEER AND ARE GENERIC. THEY DO NOT INCLUDE INFORMATION
- PERMIT WITHOUT ORIGINAL SIGNATURE, DATE AND EMBOSSED SEAL ON EACH PERMIT FILE WITH A MUNICIPALITY OR OTHER GOVERNING AGENCY.
- E APPLIED BY THE CONTRACTOR PROVIDED THE CONTRACTOR DOES NOT DEVIATE FROM IES THE EXISTING STRUCTURE IS CAPABLE OF SUPPORTING THE SUPERIMPOSED LOADS
- MITTED.
- VALUATION DOCUMENTS, SITE SPECIFIC DOCUMENTS SHALL BE PREPARED BY A DULY
- BY A DELEGATED REGISTERED ENGINEER OR ARCHITECT, SAID DOCUMENTS SHALL BEAR ENGINEER OR ARCHITECT AND SHALL BE SUBMITTED TO THE PROJECT ENGINEER FOR
- OR STAINLESS STEEL
- 30 WITH A MINIMUM TENSILE STRENGTH OF 1,850 Lbs., AND SHEAR STRENGTH OF 2,400
- CONFORM TO ASTM A36 OR EQUIVALENT.
- IN ACCORDANCE WITH A.W.S. SPECIFICATIONS. LATEST EDITION. ALL WELDING UM WELDING PROCESSES SHALL BE ARC WELDING A.W.S. E7014 OR MIG WELDING A.W.S.
- CTURERS SPECIFICATIONS.
- 3,000 P.S.I. CONCRETE EXCEPT WHERE NOTED..
- ER TO TABLES.
- XTERIOR WALL
- O ATSM A36 FOR STEEL OR ASTM A276 FOR TYPES 304 OR 316 WITH A MINIMUM 36 KSI



24 ELMWOOD AVE 1901 S. LITCHFIELD RD Unless otherwise specified, MOUNTAINTOP, PA GOODYEAR, AZ

dimensions are in inches & tolerances are:

0.000 = +/- 0.031

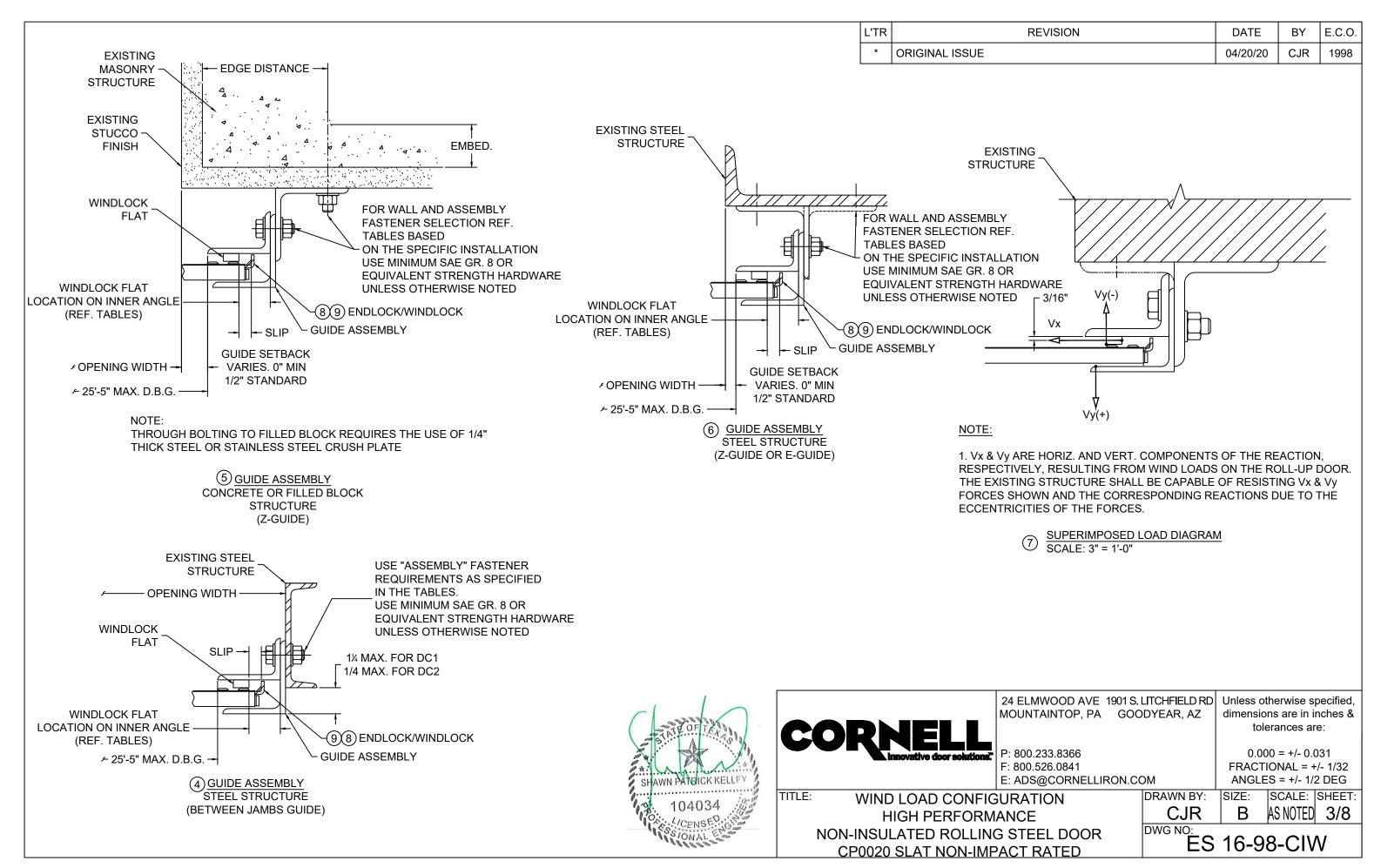
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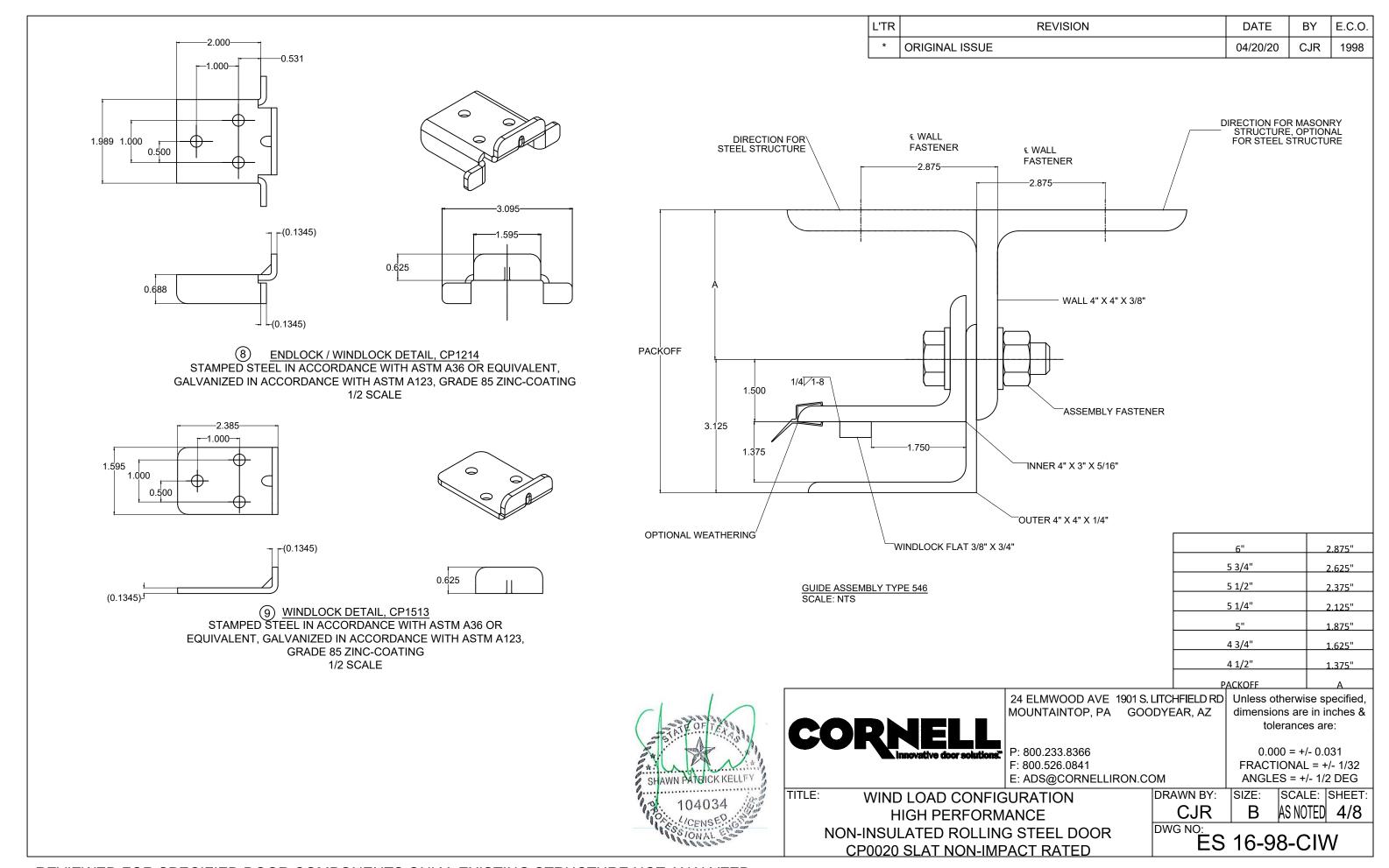
FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG

IND LOAD CONFIGURATION HIGH PERFORMANCE ON-INSULATED ROLLING STEEL DOOR CP0020 SLAT NON-IMPACT RATED

DRAWN BY: SIZE: SCALE: SHEET: AS NOTED 2/8 **CJR**

DWG NO: ES 16-98-CIW





		L'TR	REVISION	DATE	BY	E.C.O
		* ORIGINAL IS	SSUE	04/20/20	CJR	1998
DEAD LOAD SHAFT, HOC AND MOTOR NOTO SHAFT, HOC AND MOTOR WIDTH = COIL DIMENSION	(CURTAIN, ID, BRACKETS R IF PRESENT) FOR "WALL ANGLE" TO WALL CONNECTION, REF. TABLES BASED ON THE SPECIFIC INSTALLATION. USE AT LEAST ONE FASTENER OR WELD AT THE INDICATED LOCATIONS. BRKT. PACKOFF	SHAFT ASSEMBL		FINISI		

NOTE:

- 1. WHEN MOTOR IS PROVIDED, HEIGHT OR WIDTH DIMENSION MAY INCREASE UP TO 2-1/2" BASED ON MOTOR LOCATION. WHEN AN 8" DIAMETER OR LARGER SHAFT ASSEMBLY IS PROVIDED, HEIGHT DIMENSION INCREASES BY 2".
- 2. WHEN COIL BOX STRUCTURE IS PROVIDED HEIGHT AND WIDTH DIMENSION WILL INCREASE BY 4"

DOOR WEIGHT AND DIMENSIONS



NOTE: BRACKET MOUNTING

1. STANDARD BRACKET MOUNTING DETAIL IS DEPICTED, OTHER MOUNTINGS ARE AVAILABLE

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WALL ANGLE

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0

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TITLE: WIND LOAD CONFIGURATION
HIGH PERFORMANCE
NON-INSULATED ROLLING STEEL DOOR
CP0020 SLAT NON-IMPACT RATED

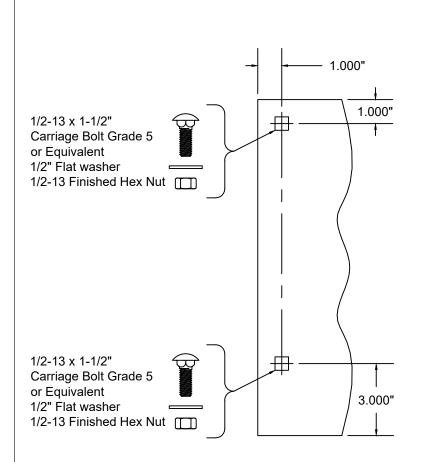
BACKET

PLATE

DRAWN BY: SIZE: SCALE: SHEET: CJR B AS NOTED 5/8

- FLAT WASHER

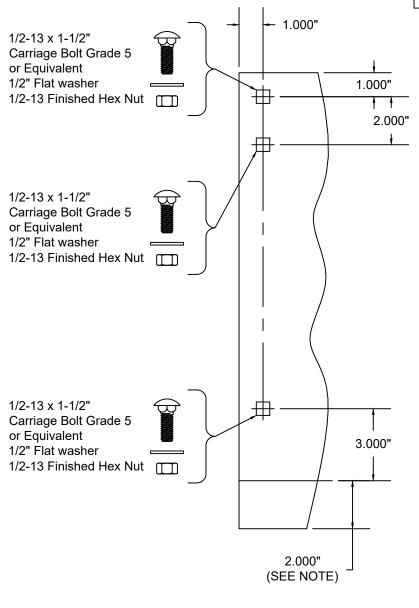
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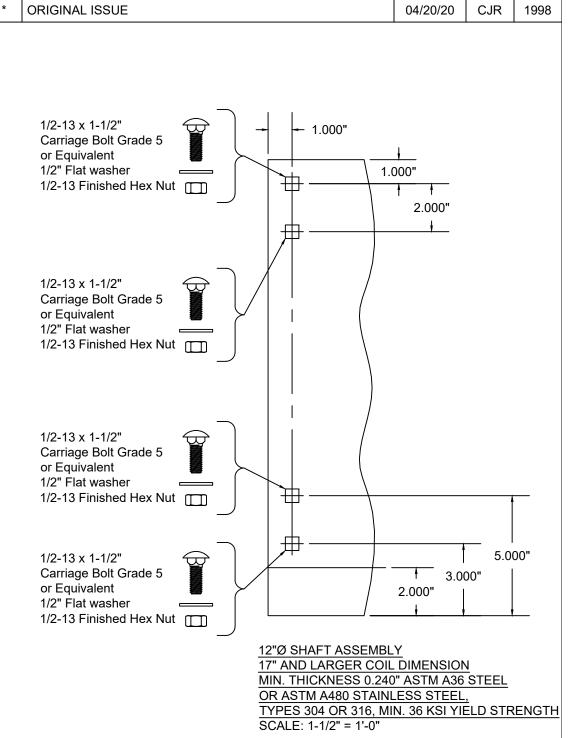
THRU 6"Ø SHAFT ASSEMBLY
14" THRU 16" COIL DIMENSION
MIN. THICKNESS 0.172" ASTM A36 STEEL
OR ASTM A480 STAINLESS STEEL,
TYPES 304 OR 316, MIN. 36 KSI YIELD STRENGTH
SCALE: 1-1/2" = 1'-0"

NOTE:

1. WHEN A 8"Ø OR LARGER SHAFT ASSEMBLY IS PROVIDED, THERE IS A 2" EXTENSION ON THE BOTTOM OF THE BRACKET. 2. A 1/2-13 x 1-1/2" GRADE 8 HEX BOLT WILL BE SUBSTITUTED FOR THE CARRIAGE BOLTS WHEN COIL BOX STRUCTURE IS REQUIRED.



THRU 10"Ø SHAFT ASSEMBLY
ALL UNITS REQUIRING A COIL BOX STRUCTURE OR
17" AND LARGER COIL DIMENSION
MIN. THICKNESS 0.240" ASTM A36 STEEL
OR ASTM A480 STAINLESS STEEL,
TYPES 304 OR 316, MIN. 36 KSI YIELD STRENGTH
SCALE: 1-1/2" = 1'-0"



REVISION



CORNELL Innovative door solutions.

L'TR

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E.C.O.

BY

DATE

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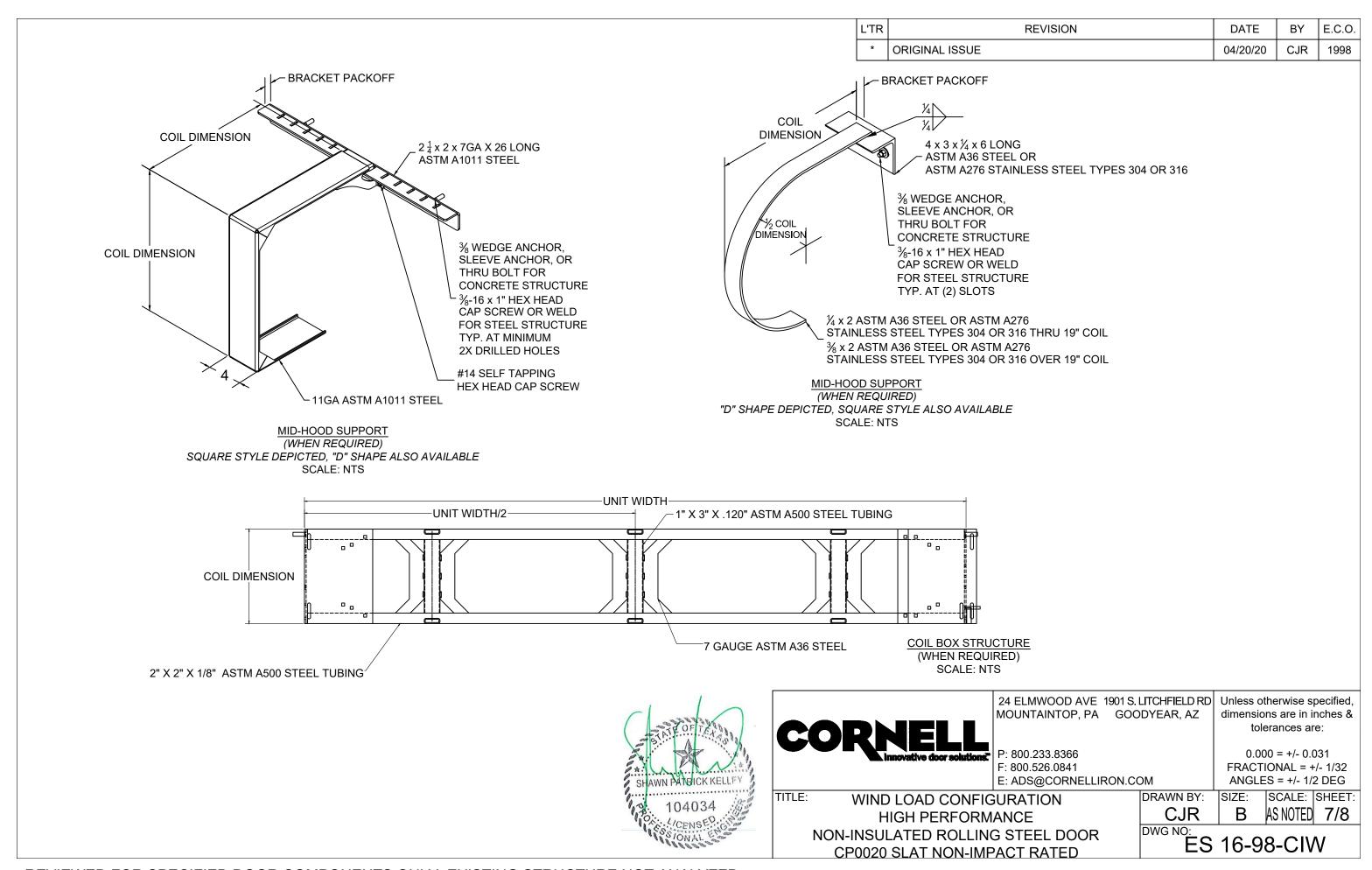
TITLE: WIND LOAD CONFIGURATION
HIGH PERFORMANCE
NON-INSULATED ROLLING STEEL DOOR
CP0020 SLAT NON-IMPACT RATED

DRAWN BY: SIZE:

SIZE: SCALE: SHEET:

B AS NOTED 6/8

ES 16-98-CIW



L'TR	REVISION	DATE	BY	E.C.O.
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	CP0020 - GALVANIZED OR STAINLESS STEEL															
										mum 3000psi	Compressive S	trength Concre	ete (anchors ar	e the same dia	meter as assei	mbly fasteners
Configuration	Minimum	Maximum	Windlock Flat	Slip	Windlock	Windlock Assembly Assembly			Hilti Kwik Bolt 3				Simpson Wedge All			
Comiguration	Thickness	Pressure	Location	Silp	Windlock	Weld Pitch	Fastener Diameter	Fastener Spacing	Max O.C.	Embed	Min Wall Thick	Edge Dist.	Max O.C.	Embed	Min Wall Thick	Edge Dist.
546	0.0405"	50 PSF	1.75"	0.865"	CP1214 & CP1513	8"	5/8"	18"	8"	4-3/8"	8"	7-5/8"	8"	4-1/2"	6-3/4"	7-5/8"

		Concret	Concrete (cont.) Filled CMU Steel (Wall anchors sre the same diameter as assembly fasteners)							r fasteners)	Superin	nosed Loads (at Maximum P	ressure										
Configuration		ITW Redhe	ead Trubolt		н	ilit Kwik HUS-E	ΞZ	Welded		Welded		Welded		Welded		Welded		Through Bolt Tapped		ped	Superimposed Loads (at Maximum Pres.			ressure
	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	Vx(+)	Vy(+)	Vx(-)	Vy(-)								
546	8"	4-5/8"	8"	7-5/8"	8"	5"	7-5/8"	14"	11/16" x 7/8"	14"	14"	3/8"	1297	386	1273	386								

546 Configurtion							
DBG Up To	Maximum Pressure						
15'5"	50PSF						
16'5"	40PSF						
19'5"	30PSF						
25'5"	20PSF						





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TITLE: WIND LOAD CONFIGURATION HIGH PERFORMANCE NON-INSULATED ROLLING STEEL DOOR CP0020 SLAT NON-IMPACT RATED

SCALE: SHEET: DRAWN BY: SIZE: AS NOTED 8/8 CJR

ES 16-98-CIW