

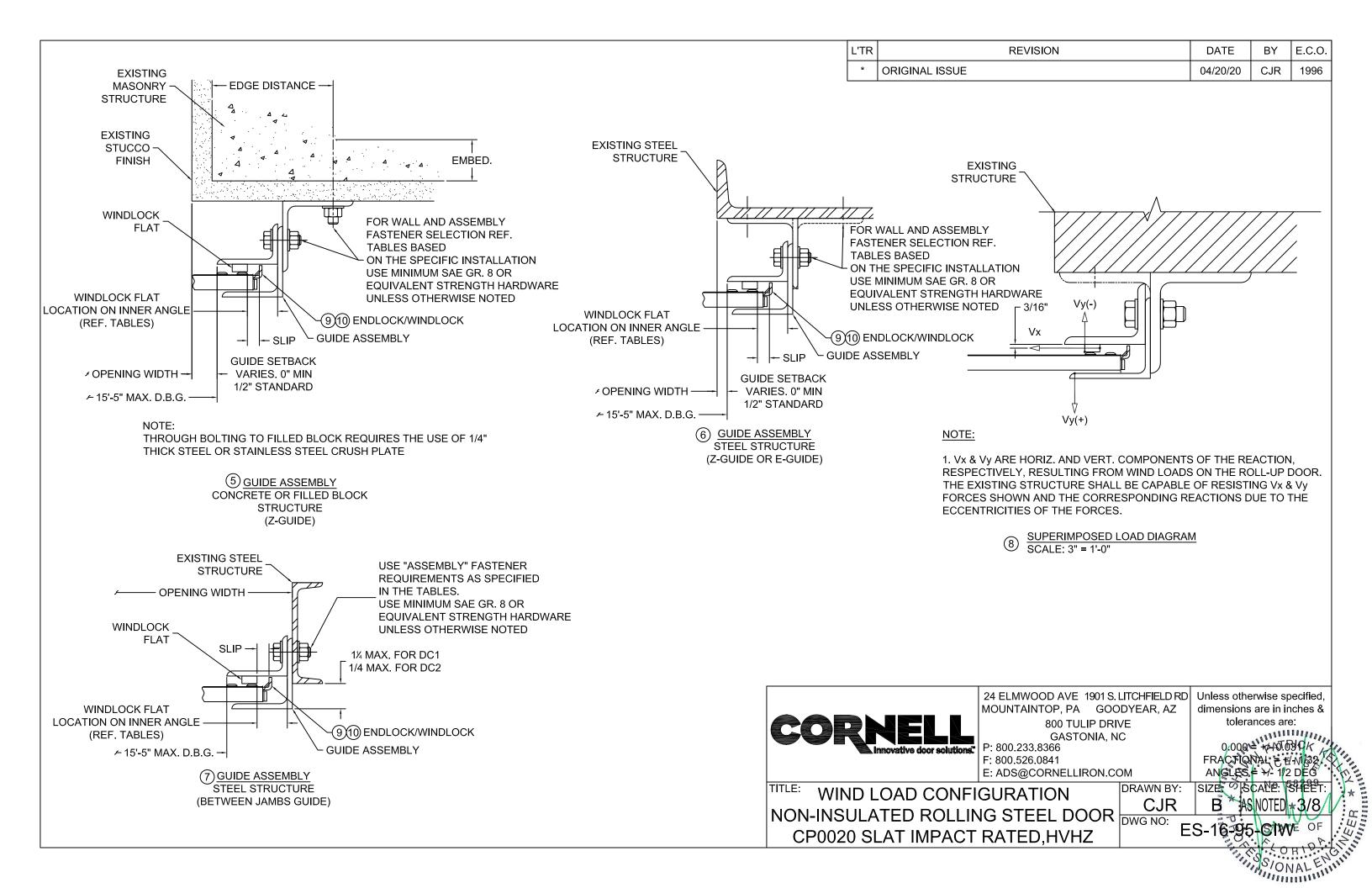
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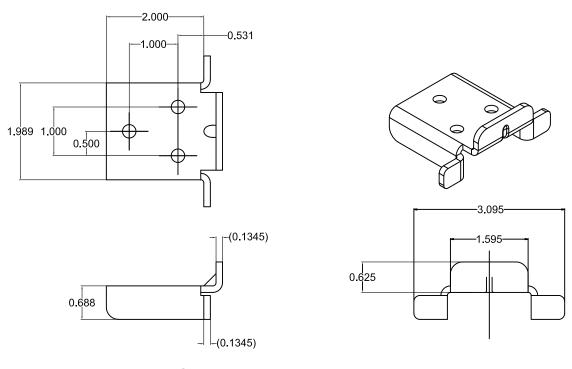
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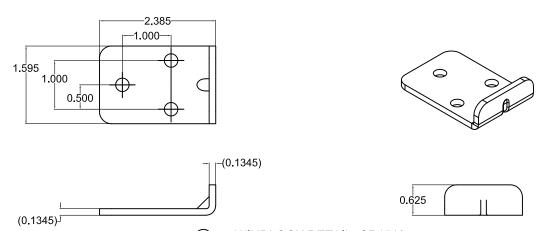
1996



L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	04/20/20	CJR	1996



ENDLOCK / WINDLOCK DETAIL, CP1214 STAMPED STEEL IN ACCORDANCE WITH ASTM A36 OR EQUIVALENT, GALVANIZED IN ACCORDANCE WITH ASTM A123, GRADE 85 ZINC-COATING 1/2 SCALE



WINDLOCK DETAIL, CP1513 STAMPED STEEL IN ACCORDANCE WITH ASTM A36 OR EQUIVALENT, GALVANIZED IN ACCORDANCE WITH ASTM A123, **GRADE 85 ZINC-COATING** 1/2 SCALE

	DIRECTION FOR\ STEEL STRUCTURE	© WALL FASTENER 2.875	© WALL FASTENER ——2.875
PACKOFF	1.500		WALL 4" X 4" X 3/8"
3.	1.375	1.750	ASSEMBLY FASTENER INNER 4" X 3" X 5/16"
OPTIONAL WEA	THERING	WINDLOCK FLAT 3/8" X	OUTER 4" X 4" X 1/4"

GUIDE ASSEMBLY TYPE 546 SCALE: NTS

6"	2.875"
5 3/4"	2.625"
5 1/2"	2.375"
5 1/4"	2.125"
5"	1.875"
4 3/4"	1.625"
4 1/2"	1.375"
PACKOFF	А

DIRECTION FOR MASONRY

STRUCTURE, OPTIONAL
FOR STEEL STRUCTURE



MOUNTAINTOP, PA GOODYEAR, AZ 800 TULIP DRIVE

GASTONIA, NC P: 800.233.8366

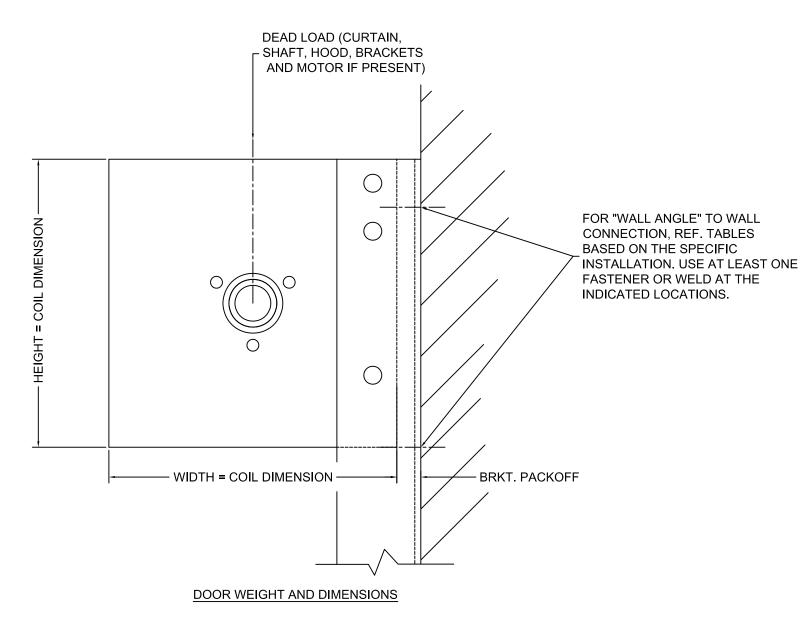
F: 800.526.0841 E: ADS@CORNELLIRON.COM

24 ELMWOOD AVE 1901 S. LITCHFIELD RD Unless otherwise specified, dimensions are in inches &

WIND LOAD CONFIGURATION NON-INSULATED ROLLING STEEL DOOR DWG NO: CP0020 SLAT IMPACT RATED, HVHZ

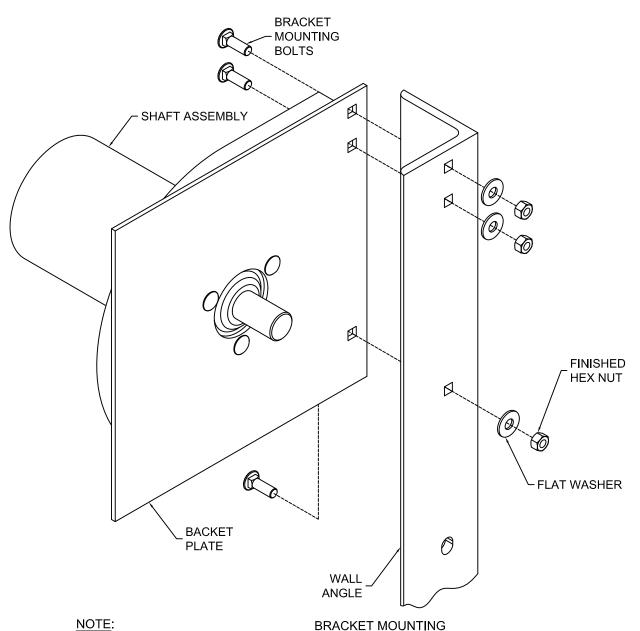
DRAWN BY: CJR

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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"



BRACKET MOUNTING

CP0020 SLAT IMPACT RATED, HVHZ

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



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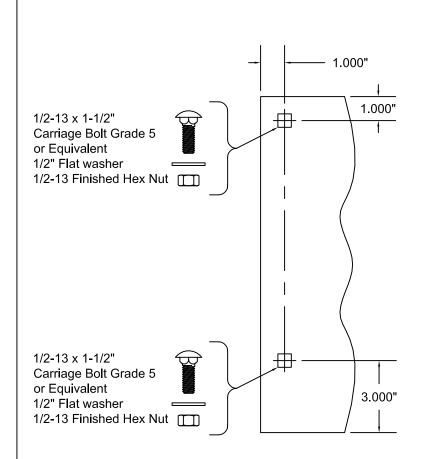
WIND LOAD CONFIGURATION

DRAWN BY:

dimensions are in inches &

0,000 \$ + + + POT 63 PK

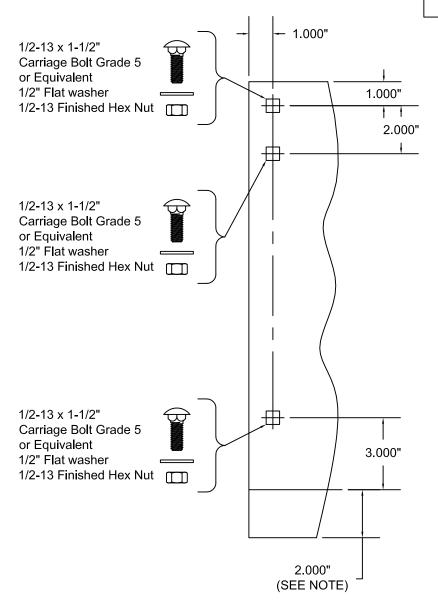
CJR NON-INSULATED ROLLING STEEL DOOR DWG NO:



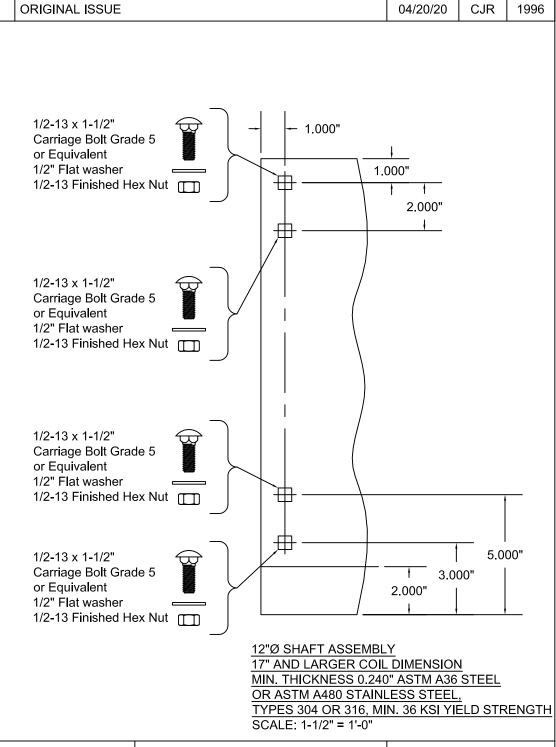
THRU 6"Ø SHAFT ASSEMBLY
14" THRU 16" COIL DIMENSION
MIN. THICKNESS 0.172" ASTM A36 STEEL
OR ASTM A480 STAINLESS STEEL,
TYPES 304 OR 316, MIN. 36 KSI YIELD STRENGTH
SCALE: 1-1/2" = 1'-0"

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



L'TR

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

800 TULIP DRIVE GASTONIA, NC

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E.C.O.

BY

DATE

0,0000= + +++0.69+0/K FRACTIONAL: = +-1/32 ANGLES = +-1/2 DEG

NON-INSULATED ROLLING STEEL DOOR
CP0020 SLAT IMPACT RATED, HVHZ

DRAWN BY: SIZE

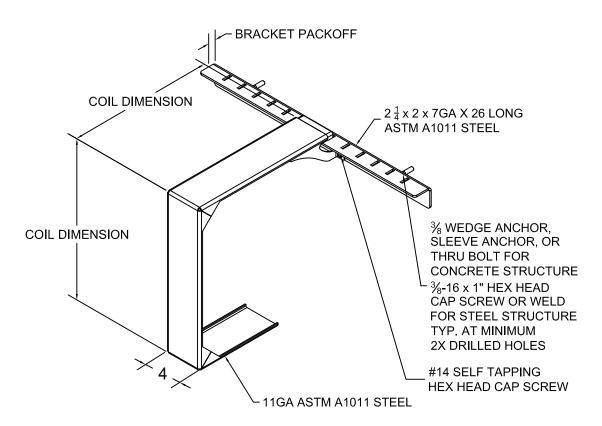
SIZE SCANE: SHEET

AS NOTED * 6/8

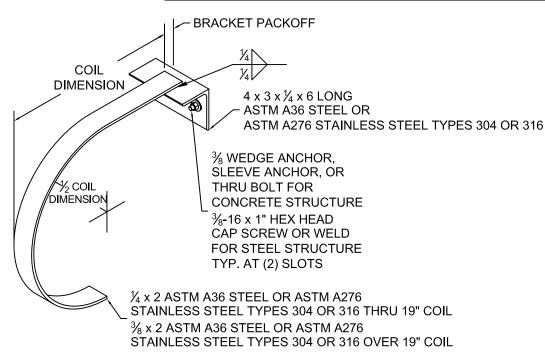
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ES-16-95-61W

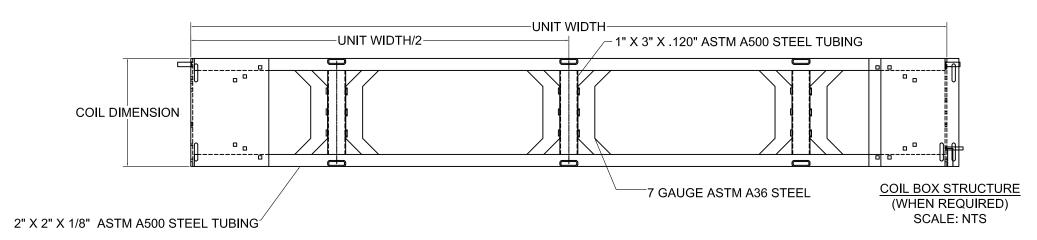
L'TR	REVISION	DATE	BY	E.C.O.
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MID-HOOD SUPPORT (WHEN REQUIRED) SQUARE STYLE DEPICTED, "D" SHAPE ALSO AVAILABLE SCALE: NTS



MID-HOOD SUPPORT (WHEN REQUIRED) "D" SHAPE DEPICTED, SQUARE STYLE ALSO AVAILABLE SCALE: NTS





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800 TULIP DRIVE GASTONIA, NC

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" IN THE STREET 0.0000 = +4-HOT 6310K FRACTIONAL - E-M/32 ANGLES + H- 1/2 DEG

DRAWN BY: **CJR**

SIZE O SCANE: SHEET:

MAN SIONAL TO

WIND LOAD CONFIGURATION NON-INSULATED ROLLING STEEL DOOR DWG NO: CP0020 SLAT IMPACT RATED, HVHZ

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CP0020 - GALVANIZED OR STAINLESS STEEL																
										Concrete Minimum 3000psi Compressive Strength Concrete (anchors are the same diameter as assembly fastener						mbly fasteners
Confirmation	_ Minimum	Maximum		Slip	Windlock	Windlock Weld Pitch	Assembly Fastener Diameter	stener Fastener -	Hilti Kwik Bolt 3				Simpson Wedge All			
Configuration	Thickness	5 Pressure		Silb					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	e (cont.)			Filled CMU Steel (Wall anchors sre the same					ter as assembl	y fasteners)	Superimposed Loads (at Maximum Pressure)				
Configuration	ITW Redhead Trubolt				Hilit Kwik HUS-EZ		Welded		Through Bolt	t Tapped		Superimposed Loads (at Maximum Pressure)					
	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	



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