

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

GENERAL NOTES:

- 1. THESE PRODUCT EVALUATION DOCUMENTS REPRESENT A ROLL-UP DOOR ASSEMBLY DESIGNED AND TESTED IN ACCORDANCE WITH THE STANDARD BUILDING CODE, THE INTERNATIONAL BUILDING CODE, AND THE FLORIDA BUILDING CODE.
- 2. THIS ROLL-UP DOOR HAS BEEN TESTED FOR UNIFORM STATIC PRESSURE, IMPACT AND FATIGUE RESISTANCE IN ACCORDANCE WITH THE FBC TEST PROTOCOLS FOR HIGH VELOCITY HURRICANE ZONES TAS 201, TAS 202, AND TAS 203.
- 3. A 33% INCREASE IN ALLOWABLE STRESS HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT.
- 4. DETERMINE THE POSITIVE AND NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY.
- 5. THESE PRODUCT EVALUATION DOCUMENTS ARE PREPARED BY THE PRODUCT ENGINEER AND ARE GENERIC. THEY DO NOT INCLUDE INFORMATION PREPARED FOR A SPECIFIC SITE.
- 6. THESE PRODUCT EVALUATION DOCUMENTS ARE NOT VALID FOR PERMIT WITHOUT ORIGINAL SIGNATURE, DATE AND EMBOSSED SEAL ON EACH PERMIT COPY, WHETHER OR NOT A MASTER APPROVAL DOCUMENT IS ON FILE WITH A MUNICIPALITY OR OTHER GOVERNING AGENCY.
- 7. THESE PRODUCT EVALUATION DOCUMENTS ARE SUITABLE TO BE APPLIED BY THE CONTRACTOR PROVIDED THE CONTRACTOR DOES NOT DEVIATE FROM THE CONDITIONS DETAILED HEREIN AND THE CONTRACTOR VERIFIES THE EXISTING STRUCTURE IS CAPABLE OF SUPPORTING THE SUPERIMPOSED LOADS Vx & Vy ON THE JAMBS OF THE DOOR.
- 8. ALTERATIONS OR ADDITIONS TO THIS DOCUMENT ARE NOT PERMITTED.
- 9. WHEN THE SITE CONDITIONS DEVIATE FROM THESE PRODUCT EVALUATION DOCUMENTS, SITE SPECIFIC DOCUMENTS SHALL BE PREPARED BY A DULY LICENSED AND REGISTERED ENGINEER OR ARCHITECT.
- 10. IF THE DEVIATING SITE SPECIFIC DOCUMENTS ARE PREPARED BY A DELEGATED REGISTERED ENGINEER OR ARCHITECT, SAID DOCUMENTS SHALL BEAR THE DATE, SIGNATURE, AND EMBOSSED SEAL OF THE DELEGATED ENGINEER OR ARCHITECT AND SHALL BE SUBMITTED TO THE PROJECT ENGINEER FOR
- 11. ALL BOLTS AND WASHERS SHALL BE GALVANIZED STEEL, PLATED STEEL, OR STAINLESS STEEL
- 12. ALL WINDLOCK RIVETS SHALL BE 1/4" STEEL RIVETS IFI GRADE 30 WITH A MINIMUM TENSILE STRENGTH OF 1,850 Lbs., AND SHEAR STRENGTH OF 2,400 Lbs., U.O.N.. RIVETS TO BE INSTALLED IN ALL WINDLOCK HOLES.
- HEX HEAD BOLT AND NUT 13. ENDLOCKS/WINDLOCKS SHALL BE CAST MALLEABLE IRON TYPE 32510 PER ASTM A47 OR CAST DUCTILE IRON PER ASTM A536 GRADE 65-45-12.
 - 14. ALL WELDING SHALL BE PERFORMED BY QUALIFIED WELDERS IN ACCORDANCE WITH A.W.S. SPECIFICATIONS, LATEST EDITION. ALL WELDING ELECTRODES SHALL CONFORM TO A.W.S. A5.1 GRADE E-70. MINIMUM WELDING PROCESSES SHALL BE ARC WELDING A.W.S. E7014 OR MIG WELDING A.W.S. ER70S-6.

15. ANCHOR NOTES:

A. EMBEDMENT LENGTH DOES NOT INCLUDE STUCCO FINISH.

William Filler

- B. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
- C. ANCHOR CAPACITY FOR THIS ROLL-UP DOOR IS BASED ON MIN. 3,000 P.S.I. CONCRETE EXCEPT WHERE NOTED.
- D. FOR MINIMUM EMBEDMENT AND MINIMUM EDGE DISTANCE, REFER TO TABLES.
- 16. DOOR MAY BE INSTALLED ON THE INSIDE OR OUTSIDE OF AN EXTERIOR WALL
- 17. ALL SHAPES USED FOR GUIDE ASSEMBLIES MUST CONFORM TO ASTM A36 FOR STEEL OR ASTM A276 FOR TYPES 304 OR 316 WITH A MINIMUM 36 KSI YIELD STRENGTH
- 18. ALL INNER ANGLE THICKNESSES IN THIS EVALUATION ARE LISTED AS MINIMUM VALUES. THICKER ANGLES MAY BE SUPPLIED FOR THE INNER ANGLE IF REQUIRED BY OTHER LISTING AGENCIES.



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

Unless otherwise specified, dimensions are in inches & tolerances are:

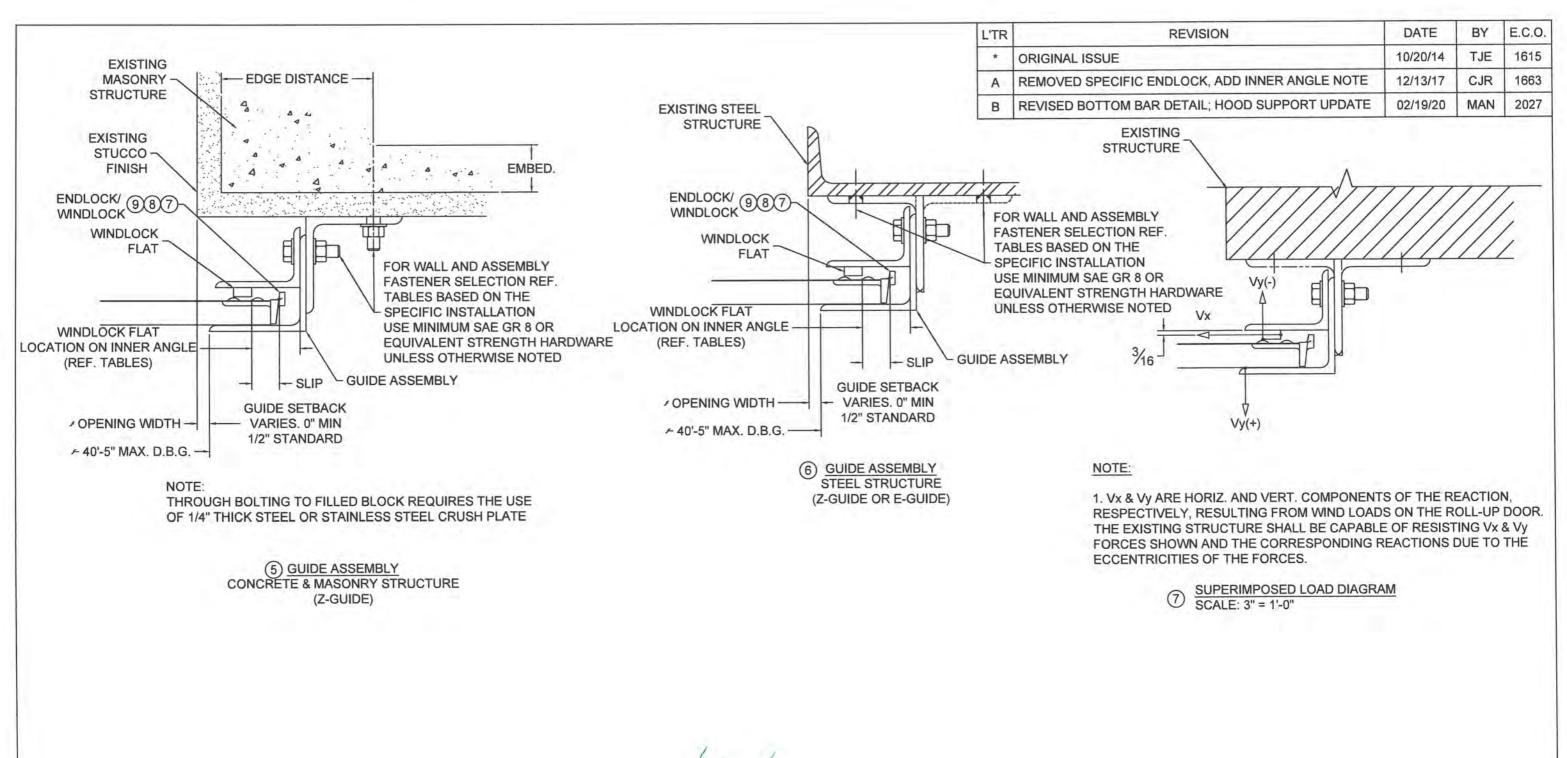
P: 800.390.8590 F: 866.448.6798

0.000 = +/-0.031FRACTIONAL = +/- 1/32 E: ADS@COOKSONDOOR.COM

ANGLES = +/- 1/2 DEG SCALE: SHEET SIZE: DRAWN BY: AS NOTED 2/58 TJE

WIND LOAD CONFIGURATION INSULATED ROLLING STEEL DOOR CP0001/CP0651 SLAT NON-IMPACT RATED

DWG NO:





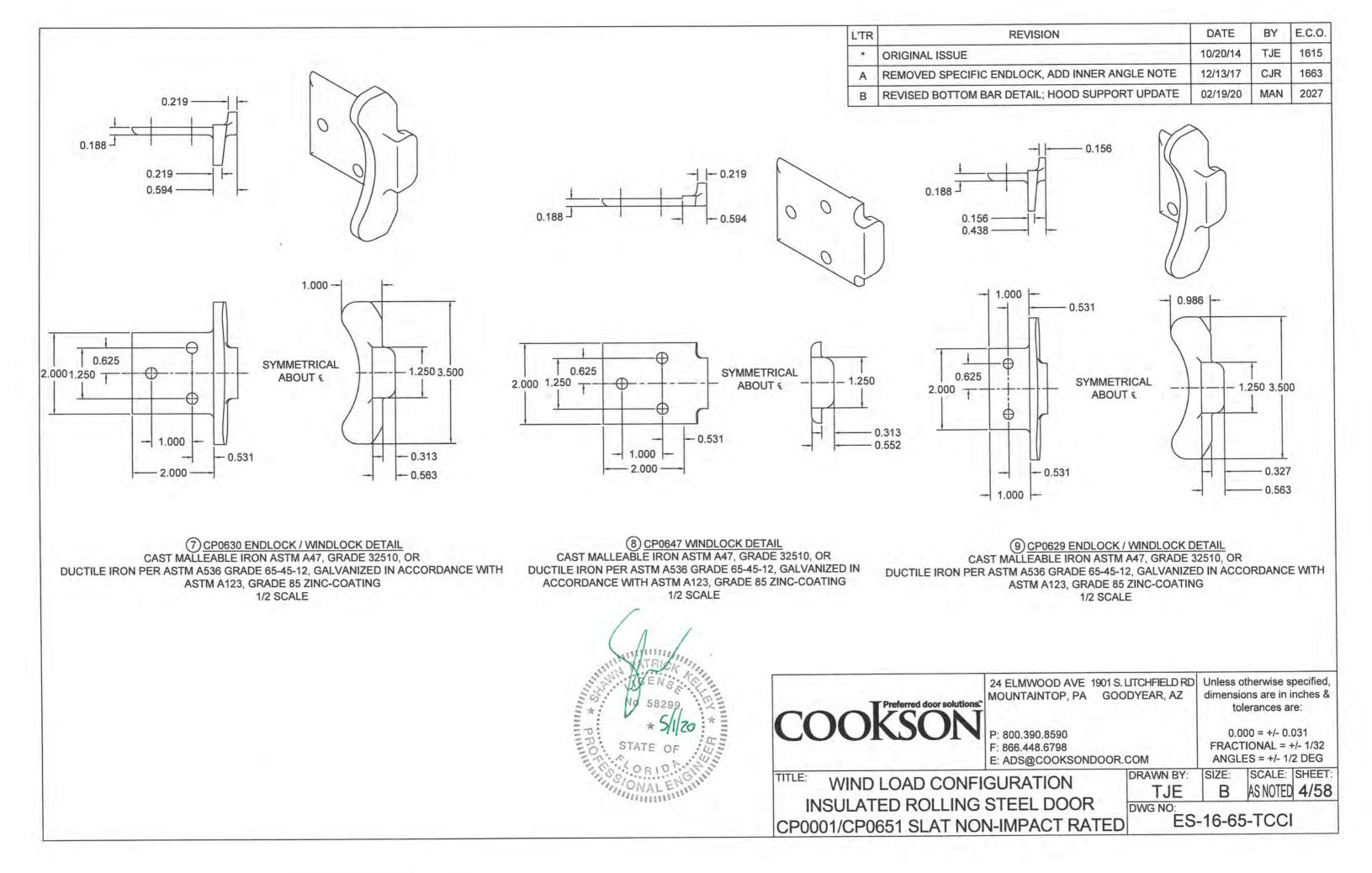


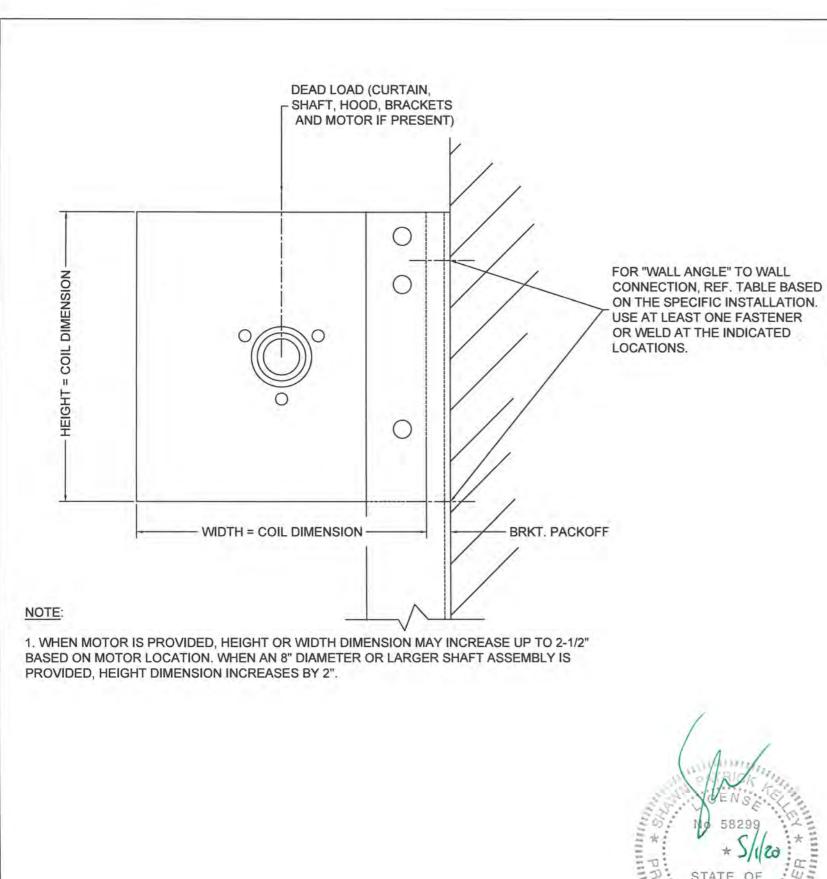
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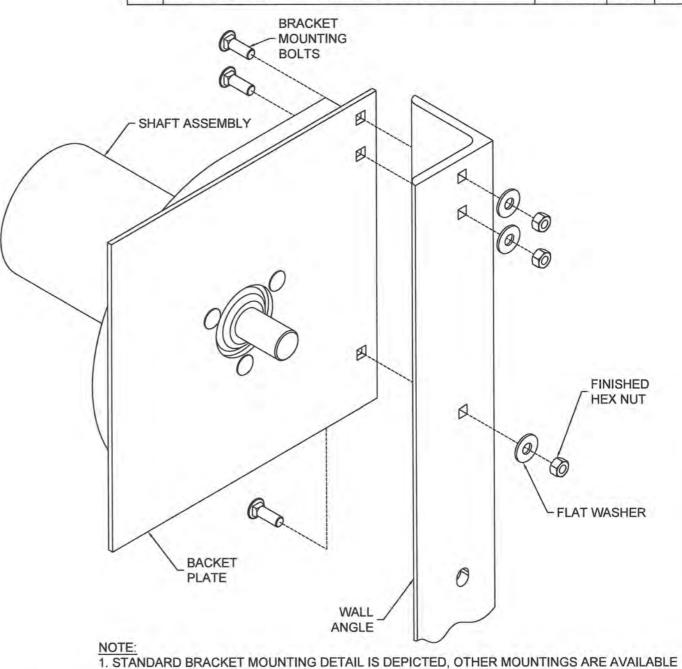
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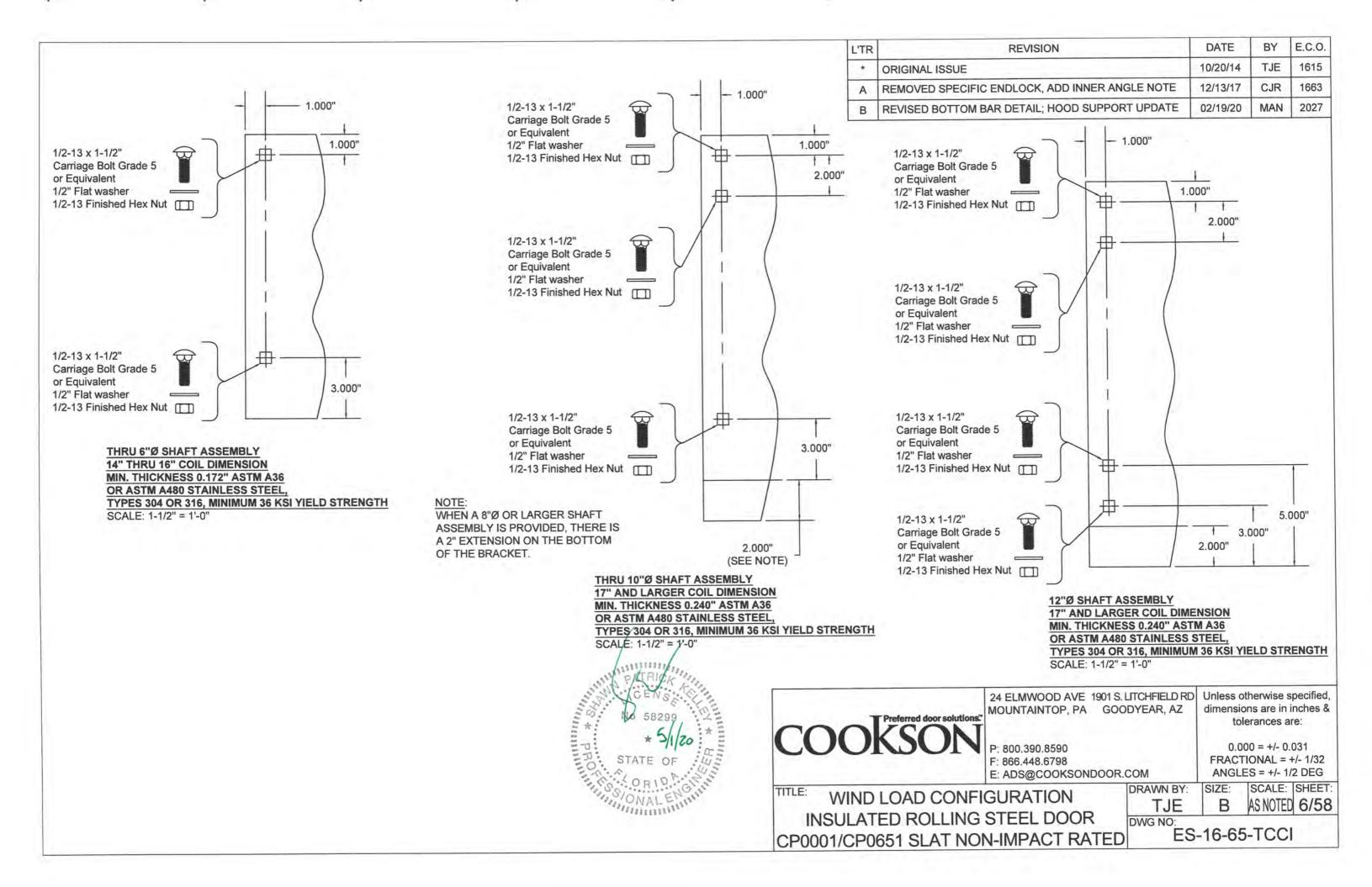
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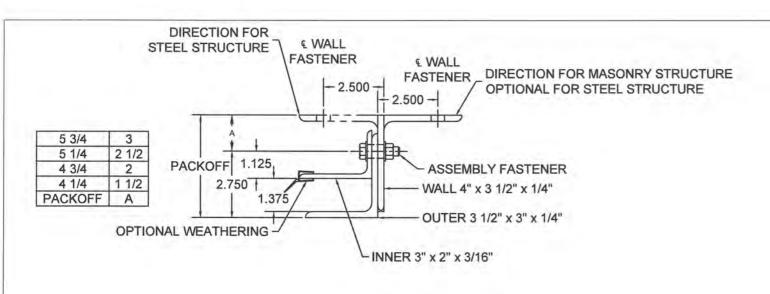
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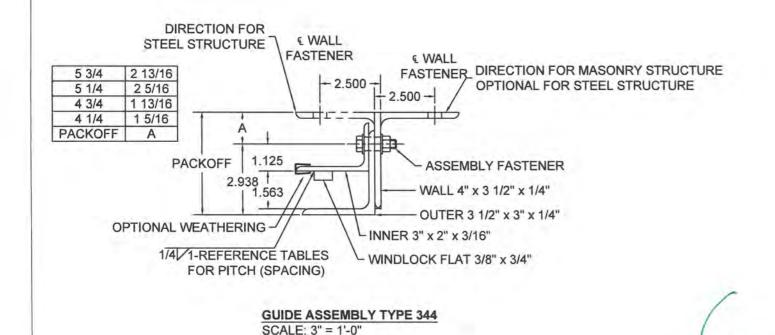
TJE B AS NOTED 5/58

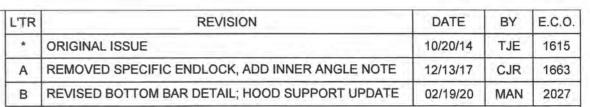
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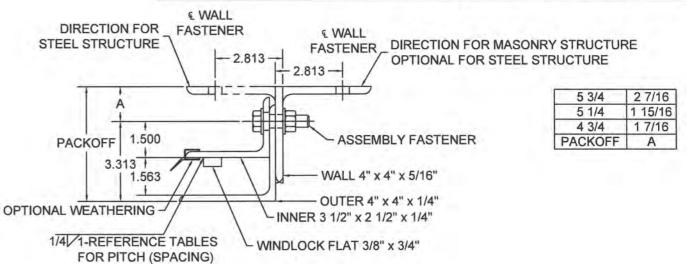




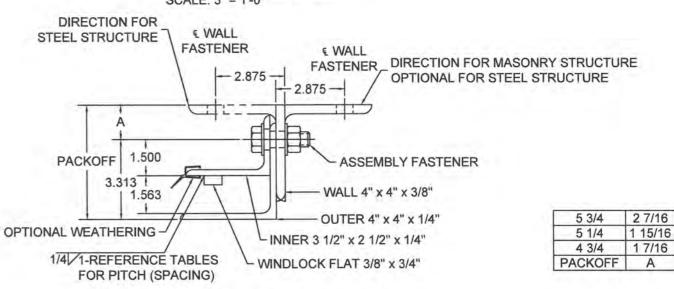
GUIDE ASSEMBLY TYPE 344* (NON-WINDLOCK) SCALE: 3" = 1'-0"







GUIDE ASSEMBLY TYPE 445 SCALE: 3" = 1'-0"



GUIDE ASSEMBLY TYPE 446 SCALE: 3" = 1'-0"



Thumman.

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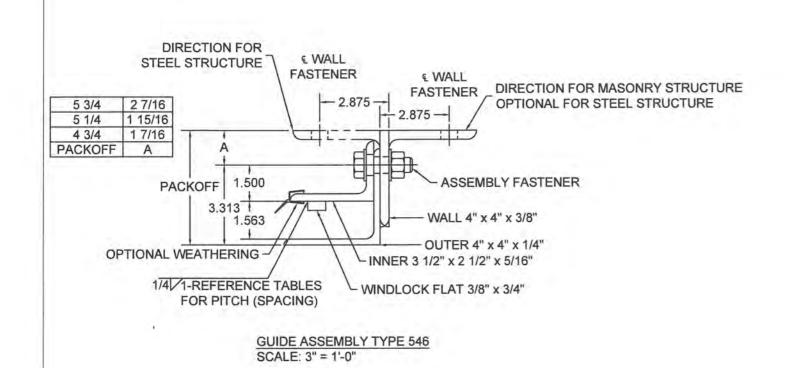
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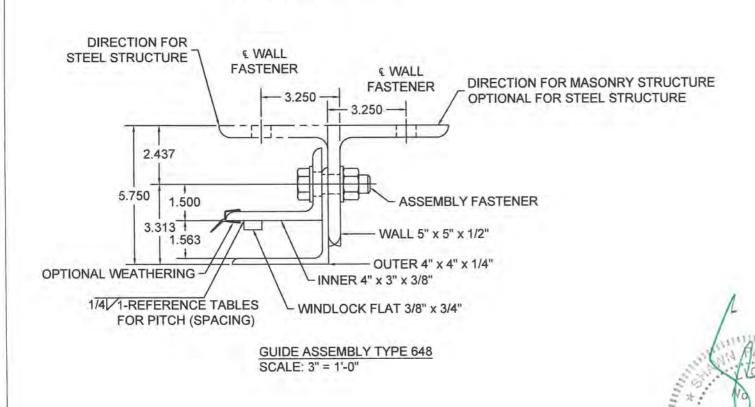
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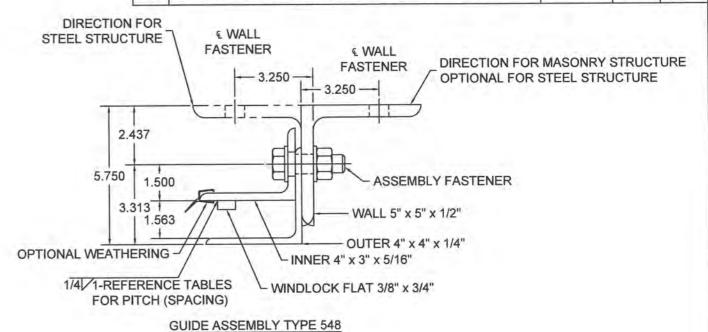
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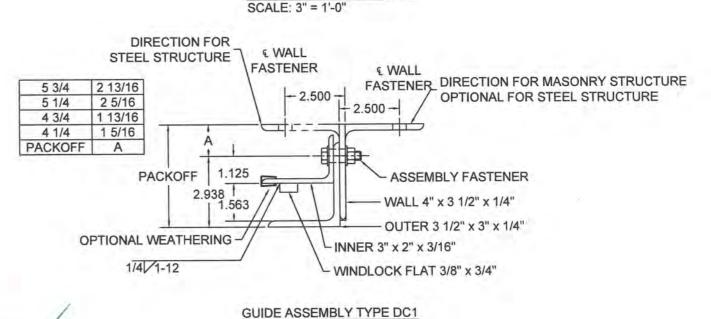
TJE B AS NOTED 7/58





E.C.O. DATE BY L'TR REVISION 10/20/14 TJE 1615 ORIGINAL ISSUE REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE 12/13/17 CJR 1663 REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE MAN 2027 02/19/20







SCALE: 3" = 1'-0"

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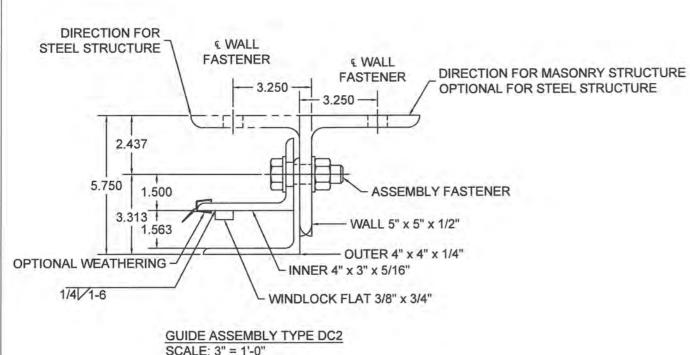
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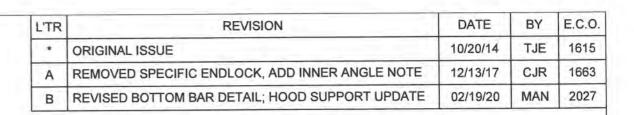


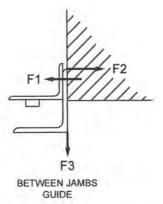


				ON BUIL	
BI	ETWEEN J	AMBS GUI	DE (12'-5"	MAX, D.B.G	G.)
	POSITIVE			NEGATIVE	
F1	F2	F3	F1	F2	F3
609	238	413	3058	2687	413

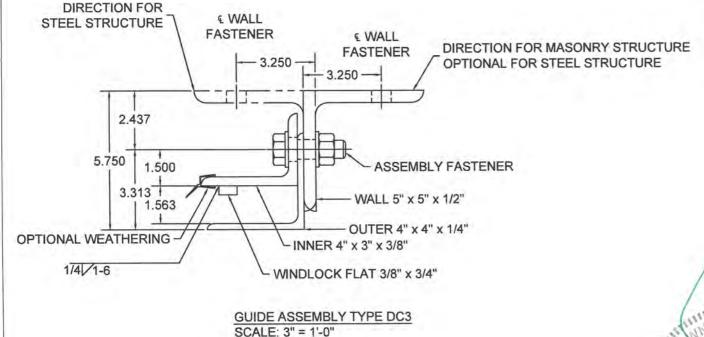
F1 F2 F3 F1 F2 F3
609 238 413 3058 2687 413

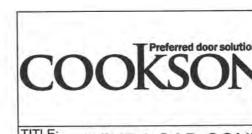
BUILDING DESIGNER NOTE:
STRUCTURE MUST BE DESIGNED TO SUPPORT F1, F2, AND F3 FORCES (LBS./FT. OF OPENING HEIGHT) AT EACH JAMB.





EXISTING STEEL STRUCTURE	
OPENING WIDTH 1/2-13 SAE GR. 5, SAE GR. 8 ASTM A325 OR A490 HEX HEAD BOLT	
SLIP 0.532 FLAT WASHERS AT 18" O.C	0
1.750 MAX.	
GUIDE ASSEMBLY STEEL STRUCTURE (BETWEEN JAMBS GUIDE)	





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ED

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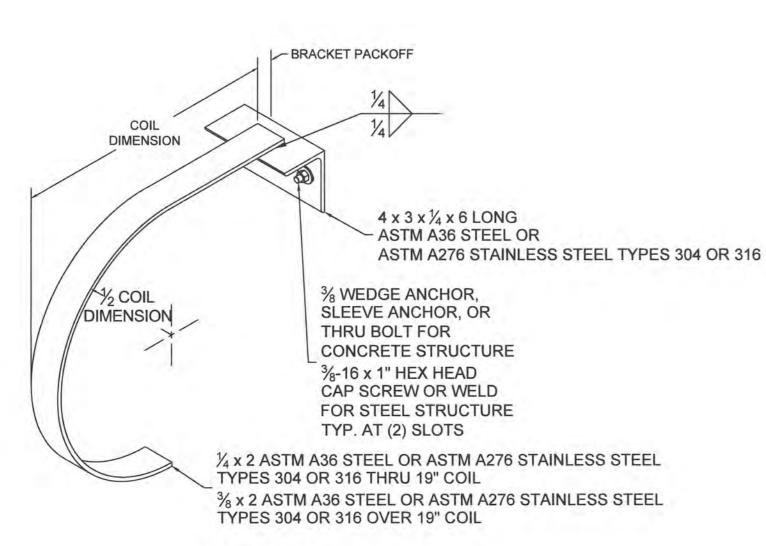
E: ADS@COOKSONDOOR.COM ANGLES = +/- 1/2 DEG

GURATION TJE SIZE: SCALE: SHEET:

TJE B AS NOTED 9/58

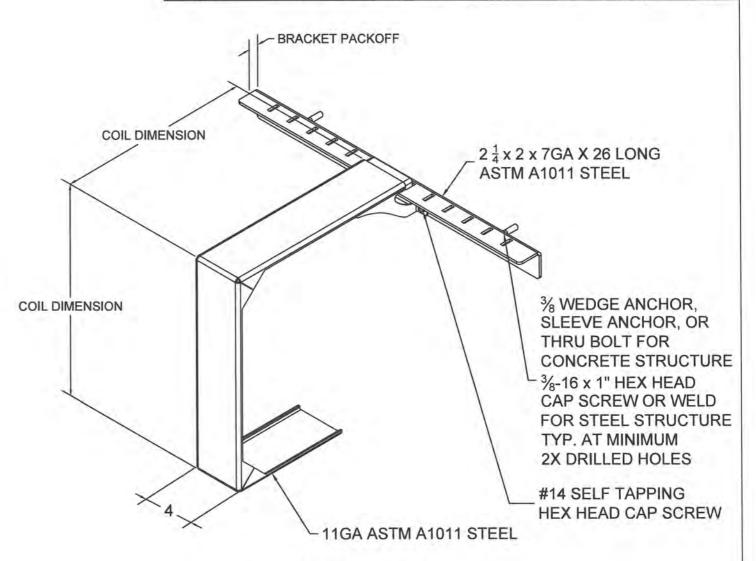
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MID-HOOD SUPPORT (WHEN REQUIRED) "D" SHAPE DEPICTED, SQUARE STYLE ALSO AVAILABLE SCALE: NTS





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



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							CP00	01/CP0651	- 0.0220/0.	0220 Minin	num Thickne												
						1 - 1					Concret	e Minimum	3,000 PSI (Compressive	e Strength (Anchors are	the same o	liameter as	assembly fa	isteners)			
DBG	Windlock			Guide	Windlock	Assembly	Assembly		Hilti Kw	rik Bolt 3		4	Simpson	Wedge All			Red Hear	d Tru-Bolt			Powers V	/edge-Bolt	
Up To	Flat Location	Slip	Windlock	Assembly	Weld Pitch	Fastener Diameter	Fastener Spacing	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Eage Dist
5'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	36	2 5/8	3 15/16	5 3/4	36	3	4 1/2	5 3/4	30	2	3	5 3/4
6'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	32	2 5/8	3 15/16	5 3/4	33	3	4 1/2	5 3/4	25	2	3	5 3/4
7'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	28	2 5/8	3 15/16	5 3/4	28	3	4 1/2	5 3/4	22	2	3	5 3/4
8'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	24	2 5/8	3 15/16	5 3/4	25	3	4 1/2	5 3/4	19	2	3	5 3/4
9'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	22	2 5/8	3 15/16	5 3/4	22	3	4 1/2	5 3/4	17	2	3	5 3/4
10'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	20	2 5/8	3 15/16	5 3/4	20	3	4 1/2	5 3/4	15	2	3	5 3/4
11'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	18	2 5/8	3 15/16	5 3/4	18	3	4 1/2	5 3/4	14	2	3	5 3/4
12'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	16	2 5/8	3 15/16	5 3/4	17	3	4 1/2	5 3/4	13	2	3	5 3/4
13'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	15	2 5/8	3 15/16	5 3/4	16	3	4 1/2	5 3/4	12	2	3	5 3/4
14'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	14	2 5/8	3 15/16	5 3/4	14	3	4 1/2	5 3/4	11	2	3	5 3/4
15'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	13	2 5/8	3 15/16	5 3/4	13	3	4 1/2	5 3/4	10	2	3	5 3/4
16'-5"	1 1/2	0.719	CP0629	344	12	3/8	18	36	2 3/8	4	5 3/4	21	2 5/8	3 15/16	5 3/4	21	3	4 1/2	5 3/4	14	2	3	5 3/4
17'-5"	1 1/2	0.719	CP0629	344	12	3/8	18	36	2 3/8	4	5 3/4	19	2 5/8	3 15/16	5 3/4	20	3	4 1/2	5 3/4	12	2	3	5 3/4
18'-5"	1 1/2	0.719	CP0629	344	12	3/8	18	36	2 3/8	4	5 3/4	13	2 5/8	3 15/16	5 3/4	13	3	4 1/2	5 3/4	8	2	3	5 3/4
19'-5"	1 1/2	0.719	CP0629	344	12	3/8	18			I/A		10	2 5/8	3 15/16	5 3/4	10	3	4 1/2	5 3/4	6	2	3	5 3/4
20'-5"	1 1/2	0.719	CP0629	344	12	3/8	15		1	I/A		8	2 5/8	3 15/16	5 3/4	8	3	4 1/2	5 3/4	5	2	3	5 3/4
21'-5"	1 1/2	0.719	CP0629	344	11	3/8	13		1	I/A.		7	2 5/8	3 15/16	5 3/4	7	3	4 1/2	5 3/4	4	2	3	5 3/4
22'-5"	1 1/2	0.719	CP0629	344	11	3/8	12		1	I/A		6	2 5/8	3 15/16	5 3/4	6	3	4 1/2	5 3/4	5	2 1/2	3 3/4	5 3/4
23'-5"	2	1.219	CP0629	445	12	1/2	18	36	3 5/8	6	6 13/16	17	4 1/2	6 3/4	6 13/16	13	4 1/8	6 3/16	6 13/16	7	2 1/2	3 3/4	6 13/1
24'-5"	2	1.219	CP0629	445	11	1/2	18	36	3 5/8	6	6 13/16	15	4 1/2	6 3/4	6 13/16	12	4 1/8	6 3/16	6 13/16	7	2 1/2	3 3/4	6 13/1
25'-5"	2	1.219	CP0629	445	11	1/2	18	36	3 5/8	6	6 13/16	13	4 1/2	6 3/4	6 13/16	11	4 1/8	6 3/16	6 13/16	6	2 1/2	3 3/4	6 13/1
26'-5"	2	1.156	CP0630	445	10	1/2	18	36	3 5/8	8	6 13/16	12	4 1/2	6 3/4	6 13/16	9	4 1/8	6 3/16	6 13/16	8	3 1/2	5 1/4	6 13/1
27'-5"	2	1.156	CP0630	445	9	1/2	17	28	3 5/8	8	6 13/16	11	4 1/2	6 3/4	6 13/16	9	4 1/8	6 3/16	6 13/16	7	3 1/2	5 1/4	6 13/1
28'-5"	2	1.156	CP0630	445	9	1/2	16			N/A		10	4 1/2	6 3/4	6 13/16	8	4 1/8	6 3/16	6 13/16	7	3 1/2	5 1/4	6 13/1
29'-5"	2	1.156	CP0630	445	9	1/2	15			V/A		9	4 1/2	6 3/4	6.13/16	7	4 1/8	6 3/16	6 13/16	6	3 1/2	5 1/4	6 13/1
30'-5"	2	1.156	CP0630 & CP0647	445	8	1/2	14		- 1	N/A		9	4 1/2	6 3/4	6 13/16	7	4 1/8	6 3/16	6 13/16	6	3 1/2	5 1/4	6 13/1
31'-5"	2	1.156	CP0630 & CP0647	445	8	1/2	13		1	N/A		8	4 1/2	6 3/4	6 13/16	6	4 1/8	6 3/16	6 13/16	7	4	6	6 13/1
32'-5"	2	1.156	CP0630 & CP0647	446	8	5/8	18		- 1	N/A		11	4 1/2	6 3/4	6 7/8			N/A		9	5	7 1/2	6 7/8
33'-5"	2	1.156	CP0630 & CP0647	446	8	5/8	18		- 1	V/A		10	4 1/2	6 3/4	6 7/8		1	N/A		9	.5	7 1/2	6 7/8
34'-5"	2	1.156	CP0630 & CP0647	446	7	5/8	18			N/A		9	4 1/2	6 3/4	6 7/8		-	N/A		8	5	7 1/2	6 7/8
35'-5"	2	1.156	CP0630 & CP0647	446	7	5/8	17		- 1	N/A		9	4 1/2	6 3/4	6 7/8		- 1	N/A		8	5	7 1/2	6 7/8
36'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	16			N/A		8	4 1/2	6 3/4	6 7/8		- 1	V/A		7	5	7 1/2	6 7/8
37'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	16		7.00	N/A		8	4 1/2	6 3/4	6 7/8		- 1	A/N		7	5	7 1/2	6 7/8
38'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	15		-	N/A		8	4 1/2	6 3/4	6 7/8			N/A				N/A	
39'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18	28	5 5/8	8	7 1/2	12	5	7 1/2	7 1/2	13	6 5/8	9 15/16	7 1/2			N/A	
40'-5"	2 1/2	1.656	CP0630 & CP0647	-	7	3/4	18	22	5 5/8	8	7 1/2	11	5	7 1/2	7 1/2	13	6 5/8	9 15/16	7 1/2			N/A	





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L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

													CI	P0001/CP06	51 - 0.022	0/0.0220 Mir	nimum Thic	kness Galv	anized or S	tainless Ste	el - 20 PSF,	Cont.													
						Filled CM	IU									C	racked Conc	rete Minim	num 3,000	PSI Compre	ssive Streng	gth					Steel (W	all anchors are	e the same of fasteners)	diameter as	assembly		Superimpo	sed Loads	
DBG		Hilti Kv	vik Bolt 3			Simpson	Strong-Bolt	2	1	hrough Bo	lt		Hi	lti Kwik Bolt	TZ			Simp	son Strong	Bolt 2			ITW	Redhead Tr	ubolt+		V	/elded	Through Bolt	Та	pped		Supermipo	ico couos	
Up To	Max O.C.	Dia.	Embed	Edge Dist	Max O.C.	Dia.	Embed	Edge Dist	Max. O.C.	Dia.	Edge Distance	Max O.C.	Dia.	Embed.	Min Wall	Edge Dist	Max O.C.	Dia.	Embed.	Min Wall	Edge Dist	Max O.C.	Dia.	Embed.	Min Wall Thick.	Edge Dist	Max O.C.	Slot Size	Max O.C.	Max O.C.	Min. Thickness	Vx (+)	Vy (+)	Vx (-)	Vy (-)
5'-5"	9	3/8	1 5/8	5 3/4	15	3/8	2 5/8	5 3/4	36	3/8	5 3/4	36	3/8	2 5/16	4	5 3/4	36	3/8	1 7/8	3 1/4	5 3/4	36	3/8	2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	55	0	55
6'-5"	18	3/8	2 1/2	5 3/4	12	3/8	2 5/8	5 3/4	32	3/8	5 3/4	36	3/8	2 5/16	4	5 3/4	36	3/8	1 7/8	3 1/4	5 3/4	19	3/8	2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	65	0	65
7'-5"	16	3/8	2 1/2	5 3/4	11	3/8	2 5/8	5 3/4	28	3/8	5 3/4	36	3/8	2 5/16	4	5 3/4	36	3/8	1 7/8	3 1/4	5 3/4	36	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	75	0	75
8'-5"	14	3/8	2 1/2	5 3/4	9	3/8	2 5/8	5 3/4	24	3/8	5 3/4	36	3/8	2 5/16	4	5 3/4	28 1/2	3/8	1 7/8	3 1/4	5 3/4	36	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	85	0	85
9'-5"	12	3/8	2 1/2	5 3/4	8	3/8	2 5/8	5 3/4	22	3/8	5 3/4	22 3/4	3/8	2 5/16	4	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	95	0	95
10'-5"	11	3/8	2 1/2	5 3/4	9	1/2	3 1/2	5 3/4	20	3/8	5 3/4	7 1/8	3/8	2 5/16	4	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	22 3/4	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	105	0	105
11'-5"	10	3/8	2 1/2	5 3/4	8	1/2	3 1/2	5 3/4	18	3/8	5 3/4	7 1/8	3/8	2 5/16	5	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	10 5/16	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	115	0	115
12'-5"	9	3/8	2 1/2	5 3/4	8	1/2	3 1/2	5 3/4	16	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	125	0	125
13'-5"	8	3/8	2 1/2	5 3/4	14	3/4	5 1/4	5 3/4	15	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	135	0	135
14'-5"	8	3/8	2 1/2	5 3/4	13	3/4	5 1/4	5 3/4	14	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	22 3/4	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	145	0	145
15'-5"	8	1/2	3 1/2	5 3/4	12	3/4	5 1/4	5 3/4	13	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	12 5/8	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	155	0	155
16'-5"	12	3/8	2 1/2	5 3/4	8	3/8	2 5/8	5 3/4	21	3/8	5 3/4	19	3/8	2 5/16	4	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	3/8	2	5	5 3/4	36	7/16 x 5/8	_	36	3/16	105	165	89	165
7'-5"	12	3/8	2 1/2	5 3/4	8	3/8	2 5/8	5 3/4	19	3/8	5 3/4	12 5/8	3/8	2 5/16	5	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	16 1/4	3/8	2	5	5 3/4	36	7/16 x 5/8	_	26	3/16	255	175	241	175
18'-5"	8	3/8	2 1/2	5 3/4	12	3/4	5 1/4	5 3/4	13	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	28 1/2	3/8	2 7/8	4 1/2	5 3/4	19	1/2	3 3/4	6	5 3/4	27	7/16 x 5/8	_	17	3/16	395	185	382	185
19'-5"	8	3/4	3 1/4	5 3/4	9	3/4	5 1/4	5 3/4	10	3/8	5 3/4	36	1/2	3 5/8	8	5 3/4	22 3/4	1/2	3 7/8	6	5 3/4	36	3/4	4 3/8	7	5 3/4	20	7/16 x 5/8	_	13	3/16	527	195	515	195
20'-5"	10	3/4	4 3/8	5 3/4			N/A		8	3/8	5 3/4	36	3/4	5 9/16	8	5 3/4	36	3/4	5 3/4	8 3/4	5 3/4	19	3/4	4 3/8	7	5 3/4	16	7/16 x 5/8	-	10	3/16	653	205	642	205
21'-5"	8	3/4	4 3/8	5 3/4			N/A		7	3/8	5 3/4	36	3/4	5 9/16	8	5 3/4	36	3/4	5 3/4	8 3/4	5 3/4			N/A			14	7/16 x 5/8	_	9	3/16	775	215	764	215
22'-5"		1	1/A				N/A		6	3/8	5 3/4			N/A					N/A					N/A		-	12	7/16 x 5/8	-	8	3/16	893	225	883	225
23'-5"	10	3/4	4 3/8	6 13/16	8	3/4	5 1/4	6 13/16	17	1/2	6 13/16	36	3/4	5 9/16	8	6 13/16	36	3/4	5 3/4	8 3/4	-	-	3/4	_	7	6 13/16		9/16 x 3/4	_	20	1/4	693	234	686	235
24'-5"	9	3/4	4 3/8	6 13/16	TO CO		N/A		15	1/2	6 13/16	36	3/4	5 9/16	8	6 13/16	36	3/4	5 3/4	8 3/4	6 13/16	_	3/4	4 3/8	8	6 13/16		9/16 x 3/4	_	17	1/4	786	244	780	245
25'-5"	8	3/4	4 3/8	6 13/16		- 1	N/A		13	1/2	6 13/16	36	3/4	5 9/16	8	6 13/16	36	3/4	5 3/4	8 3/4	6 13/16			N/A			28	9/16 x 3/4	_	15	1/4	879	254	872	255
26'-5"		1	N/A		1		N/A		12	1/2	6 13/16			N/A					N/A					N/A			24	9/16 x 3/4	_	13	1/4	1004	265	997	265
27'-5"		1	N/A				N/A		11	1/2	6 13/16			N/A					N/A					N/A			22	9/16 x 3/4		12	1/4	1095	275	1089	275
28'-5"			N/A				N/A		10	1/2	6 13/16			N/A					N/A					N/A			20	9/16 x 3/4	_	11	1/4	1186	285	1180	285
29'-5"			N/A				N/A		9	1/2	6 13/16			N/A					N/A					N/A			19	9/16 x 3/4	_	10	1/4	1277	295	1271	295 306
30'-5"		1	N/A				N/A		9	1/2	6 13/16			N/A					N/A					N/A			18	9/16 x 3/4		10	1/4	1368	305	1361	316
31'-5"		1	N/A				N/A		8	1/2	6 13/16			N/A					N/A					N/A			17	9/16 x 3/4		9	1/4	1458	315	1452 1542	326
32'-5"		1	N/A				N/A		11	5/8	6 7/8			N/A					N/A			1		N/A			24	11/16 x 7/8		13	5/16	1548	325	-	336
33'-5"			N/A				N/A		10	5/8	6 7/8			N/A					N/A					N/A			22	11/16 x 7/8		12	5/16	1639	335	1633 1724	346
34'-5"		- 1	N/A				N/A		9	5/8	6 7/8			N/A					N/A					N/A			21	11/16 x 7/8	_	12	5/16	1730	346	1815	357
35'-5"		1	N/A				N/A		9	5/8	6 7/8			N/A					N/A			1000		N/A			20	11/16 x 7/8	_	11	5/16	1821	356 366	1907	367
36'-5"		1	N/A				N/A		8	5/8	6 7/8			N/A					N/A					N/A			19	11/16 x 7/8	_	10		2006	376	1907	377
37'-5"		- 1	N/A				N/A		8	5/8	6 7/8			N/A				-	N/A			-		N/A			18	11/16 x 7/8		10	5/16	2006	387	2092	387
38'-5"		- 1	N/A				N/A		8	5/8	6 7/8			N/A					N/A					N/A			17	11/16 x 7/8	-	-	3/8	1807	395	1801	395
39'-5"		- 1	N/A				N/A		12	3/4	7 1/2			N/A					N/A					N/A		-	36	11/16 x 7/8		24	3/8	1807	405	1801	406
40'-5"		- 1	N/A				N/A		11	3/4	7 1/2	-		N/A	7	1			N/A					N/A			36	11/16 x 7/8	8 36	23	3/8	1991	405	1001	400





Unless otherwise specified, dimensions are in inches & tolerances are:

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0.000 = +/- 0.031FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG

WIND LOAD CONFIGURATION INSULATED ROLLING STEEL DOOR CP0001/CP0651 SLAT NON-IMPACT RATED

SCALE: SHEET: SIZE: DRAWN BY: TJE AS NOTED 12/58

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

_							Croo	01/ CF 0031	0.0220/0.	OZZU WIIIIII		ess Galvani			e Strength (A	inchare ara	the came d	liameter as	accombly fo	ctanarc)			
					CONTRACTO	100000	A SHEET AND		I STEEL DE	:1. n - 1s 2	Concre	T William		Wedge All	Strength (A	dictions are		d Tru-Bolt	assembly to	steriers	Powers V	Vedge-Bolt	
DBG Up To	Windlock Flat Location	Slip	Windlock	Guide Assembly	Windlock Weld Pitch	Assembly Fastener Diameter	Assembly Fastener Spacing	Max O.C.	Embed	Min. Wall	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dis
5'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	Thick.	5 3/4	25	2 5/8	3 15/16	5 3/4	26	3	4 1/2	5 3/4	20	2	3	5 3/4
6'-5"	N/A N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	21	2 5/8	3 15/16	5 3/4	22	3	4 1/2	5 3/4	17	2	3	5 3/4
7'-5"	N/A N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	18	2 5/8	3 15/16	5 3/4	19	3	4 1/2	5 3/4	14	2	3	5 3/4
	-			344*	N/A	3/8	24	36	2 3/8	4	5 3/4	16	2 5/8	3 15/16	5 3/4	17	3	4 1/2	5 3/4	13	2	3	5 3/4
8'-5"	N/A	N/A	N/A	344*	_	3/8	24	36	2 3/8	4	5 3/4	14	2 5/8	3 15/16	5 3/4	15	3	4 1/2	5 3/4	11	2	3	5 3/4
9'-5"	N/A	N/A	N/A		N/A	-	-	-	2 3/8	4	5 3/4	13	2 5/8	3 15/16	5 3/4	13	3	4 1/2	5 3/4	10	2	3	5 3/4
10'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	-		-	12	2 5/8	3 15/16	5 3/4	12	3	4 1/2	5 3/4	9	2	3	5 3/4
11'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	22	2 3/8	4	5 3/4		2 5/8	3 15/16	5 3/4	11	3	4 1/2	5 3/4	8	2	3	5 3/4
12'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	9	2 3/8	4	5 3/4	11	-				3	4 1/2	5 3/4	12	2	3	5 3/4
14'-5"	1 5/16	0.532	CP0629	344	12	3/8	18	36	2 3/8	4	5 3/4	20	2 5/8	3 15/16	5 3/4	20	3	4 1/2	5 3/4	9	2	3	5 3/4
15'-5"	1 7/16	0.657	CP0629	344	12	3/8	18	36	2 3/8	4	5 3/4	14	2 5/8	3 15/16	-	14	170	_	5 3/4	6	2	3	5 3/4
16'-5"	1 1/2	0.719	CP0629	344	12	3/8	17			I/A		10	2 5/8	3 15/16	5 3/4	10	3	4 1/2	-			3	5 3/4
17'-5"	1 1/2	0.719	CP0629	344	12	3/8	13			I/A		8	2 5/8	3 15/16	5 3/4	8	3	4 1/2	5 3/4	5	2	_	+
18'-5"	1 1/2	0.719	CP0629	344	11	3/8	11		_	I/A	-	6	2 5/8	3 15/16	5 3/4	6	3	4 1/2	5 3/4	5	2 1/2	3 3/4	5 3/4
19'-5"	1 7/8	1.094	CP0629	445	12	1/2	18	36	3 5/8	6	6 13/16	15	4 1/2	6 3/4	6 13/16	12	4 1/8	6 3/16	6 13/16	7	2 1/2	3 3/4	6 13/1
20'-5"	2	1.219	CP0629	445	11	1/2	18	36	3 5/8	6	6 13/16	14	4 1/2	6 3/4	6 13/16	11	4 1/8	6 3/16	6 13/16	6	2 1/2	3 3/4	6 13/1
21'-5"	2	1.156	CP0630	445	10	1/2	18	36	3 5/8	8	6 13/16	12	4 1/2	6 3/4	6 13/16	.9	4 1/8	6 3/16	6 13/16	8	3 1/2	5 1/4	6 13/1
22'-5"	2	1.156	CP0630	445	9	1/2	16	22	3 5/8	8	6 13/16	10	4 1/2	6 3/4	6 13/16	8	4 1/8	6 3/16	6 13/16	7	3 1/2	5 1/4	6 13/1
23'-5"	2	1.156	CP0630	445	9	1/2	14		N	I/A		9	4 1/2	6 3/4	6 13/16	7	4 1/8	6 3/16	6 13/16	6	3 1/2	5 1/4	6 13/1
24'-5"	2	1.156	CP0630 & CP0647	445	8	1/2	13		N	I/A		8	4 1/2	6 3/4	6 13/16	7	4 1/8	6 3/16	6 13/16	6	3 1/2	5 1/4	6 13/1
25'-5"	2	1.156	CP0630 & CP0647	446	8	5/8	18			I/A		11	4 1/2	6 3/4	6 7/8		N	I/A		9	5	7 1/2	6 7/8
26'-5"	2	1.156	CP0630 & CP0647	446	8	5/8	18			I/A		10	4 1/2	6 3/4	6 7/8		N	I/A		9	5	7 1/2	6 7/8
27'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	17		1	I/A		9	4 1/2	6 3/4	6 7/8		N	I/A		8	5	7 1/2	6 7/8
28'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	16		1	I/A		8	4 1/2	6 3/4	6 7/8	1		I/A		7	5	7 1/2	6 7/8
29'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	15		T.	I/A		8	4 1/2	6 3/4	6 7/8		N	I/A			1	N/A	
30'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	14		1	I/A		7	4 1/2	6 3/4	6 7/8		N	I/A			- 1	N/A	
31'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18	22	5 5/8	8	7 1/2	11	5	7 1/2	7 1/2	12	6 5/8	9 15/16	7 1/2		1	A/N	
32'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18		1	N/A		11	5	7 1/2	7 1/2	12	6 5/8	9 15/16	7 1/2		- 1	N/A	
33'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18			N/A		10	5	7 1/2	7 1/2	11	6 5/8	9 15/16	7 1/2		1	N/A	
34'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18			N/A		10	5	7 1/2	7 1/2	11	6 5/8	9 15/16	7 1/2	1	1	N/A	
35'-5"	2 1/2	1.656	CP0630 & CP0647	548	6	3/4	18		1	V/A		9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2			N/A	
36'-5"	2 1/2	1.656	CP0630 & CP0647	548	6	3/4	18			N/A	-	9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2	-	- 11		
37'-5"	2 1/2	1.656	CP0630 & CP0647	548	6	3/4	17			N/A		8	5	7 1/2	7 1/2	8	6 5/8	9 15/16	7 1/2		- 1		
38'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	16			N/A		8	5	7 1/2	7 1/2	7	6 5/8	9 15/16	7 1/2		- P	N/A	





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0.000 = +/- 0.031FRACTIONAL = +/- 1/32

Unless otherwise specified,

dimensions are in inches & tolerances are:

ANGLES = +/- 1/2 DEG

WIND LOAD CONFIGURATION INSULATED ROLLING STEEL DOOR CP0001/CP0651 SLAT NON-IMPACT RATED

DRAWN BY: SCALE: SHEET: SIZE: TJE AS NOTED 13/58

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						Filled CN	U									(Cracked Con	crete Minir	mum 3,000	SI Compre	ssive Streng	th					Steel (W	all anchors are	fasteners)	diameter as	assembly		Superimpo	osed Loads	
DBG		Hilti Kw	rik Bolt 3			Simpson	Strong-Bolt 2	2	1	Through Bo	olt		Hi	lti Kwik Bolt	TZ.			Simp	oson Strong	Bolt 2			ITW	Redhead Tr	ubolt+		w	elded	Through Bolt	Тар	ped		зареттро	500 0000	
Up To	Max O.C.	Dia.	Embed	Edge Dist	Max O.C.	Dia.	Embed	Edge Dist	Max. O.C.	Dia.	Edge Distance	Max O.C.	Dia.	Embed.	Min Wall Thick.	Edge Dist	Max O.C.	Dia.	Embed.	Min Wall Thick.	Edge Dist	Max O.C.	Dia.	Embed.	Min Wall Thick.	Edge Dist	Max O.C.	Slot Size	Max O.C.	Max O.C.	Min. Thickness	Vx (+)	Vy (+)	Vx (-)	Vy (-)
5'-5"	14	3/8	2 1/2	5 3/4	10	3/8	2 5/8	5 3/4	25	3/8	5 3/4	36	3/8	2 5/16	4	5 3/4	28 1/2	3/8	1 7/8	3 1/4	5 3/4	36	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	83	0	82
6'-5"	12	3/8	2 1/2	5 3/4	8	3/8	2 5/8	5 3/4	21	3/8	5 3/4	19	3/8	2 5/16	4	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	98	0	97
7'-5"	10	3/8	2 1/2	5 3/4	9	1/2	3 1/2	5 3/4	18	3/8	5 3/4	10 5/16	3/8	2 5/16	5	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	14 1/4	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	113	0	112
8'-5"	9	3/8	2 1/2	5 3/4	15	3/4	5 1/4	5 3/4	16	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	128	0	127
9'-5"	8	3/8	2 1/2	5 3/4	13	3/4	5 1/4	5 3/4	14	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	28 1/2	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	143	0	142
10'-5"	8	1/2	3 1/2	5 3/4	12	3/4	5 1/4	5 3/4	13	3/8	5 3/4	28 1/2	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	10 5/16	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	158	0	157
11'-5"	8	1/2	3 1/2	5 3/4	11	3/4	5 1/4	5 3/4	12	3/8	5 3/4	16 1/4	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	22 3/4	1/2	3 3/4	8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	173	0	172
12'-5"	8	3/4	3 1/4	5 3/4	10	3/4	5 1/4	5 3/4	11	3/8	5 3/4	36	1/2	3 5/8	8	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	3/4	4 3/8	7	5 3/4	36	7/16 x 5/8	36	36	3/16	0	188	0	187
14'-5"	12	3/8	2 1/2	5 3/4	8	3/8	2 5/8	5 3/4	20	3/8	5 3/4	14 1/4	3/8	2 5/16	5	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	19	3/8	2	5	5 3/4	36	7/16 x 5/8	36	26	3/16	250	218	225	217
15'-5"	8	3/8	2 1/2	5 3/4	13	3/4	5 1/4	5 3/4	14	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	16 1/4	1/2	2 1/2	4	5 3/4	29	7/16 x 5/8	29	19	3/16	355	233	334	232
16'-5"	8	3/4	3 1/4	5 3/4	9	3/4	5 1/4	5 3/4	10	3/8	5 3/4	36	1/2	3 5/8	8	5 3/4	28 1/2	1/2	3 7/8	6	5 3/4	36	3/4	4 3/8	7	5 3/4	21	7/16 x 5/8	21	13	3/16	502	248	484	247
17'-5"	9	3/4	4 3/8	5 3/4			N/A		8	3/8	5 3/4	36	3/4	5 9/16	8	5 3/4	36	3/4	5 3/4	8 3/4	5 3/4	28 1/2	3/4	4 3/8	8	5 3/4	15	7/16 x 5/8	15	10	3/16	689	263	672	262
18'-5"		N	/A				N/A		6	3/8	5 3/4			N/A			36	3/4	5 3/4	8 3/4	5 3/4			N/A			12	7/16 x 5/8	12	8	3/16	866	278	850	278
19'-5"	9	3/4	4 3/8	6 13/16			N/A		15	1/2	6 13/16	36	3/4 5 9/16 8 6 13/16 36 3				3/4	5 3/4	8 3/4	6 13/16	28 1/2	3/4	4 3/8	8	6 13/16	33	9/16 x 3/4	33	18	1/4	743	291	732	292	
20'-5"	8	3/4	4 3/8	6 13/16			N/A		14	1/2	6 13/16	36	3/4	5 9/16	8	6 13/16	36	3/4	5 3/4	8 3/4	6 13/16			N/A			30	9/16 x 3/4	30	17	1/4	815	306	805	307
21'-5"		N	/A	-1-00			N/A		12	1/2	6 13/16								N/A	3 11				N/A			25	9/16 x 3/4	25	14	1/4	987	321	977	322
22'-5"		N	/A				N/A		10	1/2	6 13/16			N/A N/A					N/A					N/A			22	9/16 x 3/4	_	12	1/4	1120	337	1111	337
23'-5"		N	/A				N/A		9	1/2	6 13/16			N/A					N/A					N/A			19	9/16 x 3/4	_	11	1/4	1252	352	1243	352
24'-5"		N	/A			_	N/A		8	1/2	6 13/16			N/A					N/A					N/A			18	9/16 x 3/4	_	10	1/4	1382	367	1373	368
25'-5"		N	/A				N/A		11	5/8	6 7/8			N/A					N/A					N/A			24	11/16 x 7/8	24	13	5/16	1511	382	1502	383
26'-5"		N	/A				N/A		10	5/8	6 7/8			N/A					N/A					N/A			22	11/16 x 7/8	22	12	5/16	1639	397	1630	398
27'-5"		N	/A				N/A		9	5/8	6 7/8			N/A					N/A					N/A			21	11/16 x 7/8		11	5/16	1767	412	1758	413
28'-5"		N	/A				N/A		8	5/8	6 7/8			N/A					N/A					N/A			19	11/16 x 7/8	-	10	5/16	1895	428	1886	428
29'-5"		N	/A				N/A		8	5/8	6 7/8			N/A					N/A					N/A			18	11/16 x 7/8	_	10	5/16	2023	443	2014	444
30'-5"		N	/A				N/A		7	5/8	6 7/8		N/A N/A						N/A					N/A			17	11/16 x 7/8	-	9	5/16	2152	458	2143	459
31'-5"		N	/A				N/A		11	3/4	7 1/2			N/A					N/A					N/A			36	13/16 x 1	36	23	3/8	1870	472	1861	472
32'-5"		N	/A				N/A		11	3/4	7 1/2			N/A					N/A					N/A		-	36	13/16 x 1	36	22	3/8	1980	487	1971	487
33'-5"		N	/A				N/A		10	3/4	7 1/2			N/A					N/A					N/A			36	13/16 x 1	36	21	3/8	2091	502	2082	503
34'-5"		- 1	/A				N/A		10	3/4	7 1/2			N/A					N/A			100		N/A			36	13/16 x 1	36	20	3/8	2202	517	2193	518
35'-5"			/A				N/A		9	3/4	7 1/2			N/A					N/A					N/A			35	13/16 x 1	35	19	3/8	2314	533	2305	533
36'-5"	2	- 1	/A				N/A		9	3/4	7 1/2			N/A			1		N/A			1		N/A			33	13/16 x 1	33	18	3/8	2427	548	2418	548
37'-5"		٨	/A				N/A		8	3/4	7 1/2			N/A					N/A					N/A			32	13/16 x 1	32	17	3/8	2541	563	2532	564
38'-5"		N	I/A				N/A		8	3/4	7 1/2	7000		N/A					N/A					N/A			31	13/16 x 1	31	16	3/8	2655	579	2646	579





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Unless otherwise specified, dimensions are in inches & tolerances are:

0.000 = +/- 0.031FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG

WIND LOAD CONFIGURATION INSULATED ROLLING STEEL DOOR CP0001/CP0651 SLAT NON-IMPACT RATED

SIZE: SCALE: SHEET: DRAWN BY: TJE AS NOTED 14/58

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

							CP00	01/CP0651	- 0.0220/0.	.0220 Minin	2 2 1 1 2 2 2 2 2 2			nless Steel -			4						
									Visit A	W = W Z =	Concret	e Minimum		Compressive	e Strength (Anchors are			assembly fa	steners)	Danier M	dadas Dale	
DBG	Windlock	cti-	110 0 1	Guide	Windlock		Assembly		Hilti Kw	vik Bolt 3			Simpson	Wedge All	_		Red Hear	d Tru-Bolt	_		Powers v	Vedge-Bolt	1
Up To	Flat Location	Slip	Windlock	Assembly	Weld Pitch	Fastener Diameter	Fastener Spacing	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dis
5'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	19	2 5/8	3 15/16	5 3/4	19	3	4 1/2	5 3/4	15	2	3	5 3/4
6'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	16	2 5/8	3 15/16	5 3/4	16	3	4 1/2	5 3/4	12	2	3	5 3/4
7'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	14	2 5/8	3 15/16	5 3/4	14	3	4 1/2	5 3/4	11	2	3	5 3/4
8'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	22	2 3/8	4	5 3/4	12	2 5/8	3 15/16	5 3/4	12	3	4 1/2	5 3/4	9	2	3	5 3/4
9'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	8	2 3/8	4	5 3/4	11	2 5/8	3 15/16	5 3/4	11	3	4 1/2	5 3/4	8	2	3	5 3/4
10'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	7	2 3/8	5	5 3/4	10	2 5/8	3 15/16	5 3/4	10	3	4 1/2	5 3/4	7	2	3	5 3/4
11'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	I/A		9	2 5/8	3 15/16	5 3/4	9	3	4 1/2	5 3/4	7	2	3	5 3/4
15'-5"	1 5/16	0.532	CP0629	344	10	3/8	11		N	I/A		6	2 5/8	3 15/16	5 3/4	6	3	4 1/2	5 3/4	4	2 1/2	3 3/4	5 3/4
16'-5"	1 1/2	0.656	CP0630	445	10	1/2	18	19	3 5/8	6	6 13/16	12	4 1/2	6 3/4	6 13/16	10	4 1/8	6 3/16	6 13/16	8	3 1/2	5 1/4	6 13/16
17'-5"	1 1/2	0.656	CP0630	445	9	1/2	16		N	I/A		10	4 1/2	6 3/4	6 13/16	8	4 1/8	6 3/16	6 13/16	7	3 1/2	5 1/4	6 13/16
18'-5"	1 5/8	0.781	CP0630	445	9	1/2	15		N	I/A		9	4 1/2	6 3/4	6 13/16	7	4 1/8	6 3/16	6 13/16	6	3 1/2	5 1/4	6 13/16
19'-5"	1 3/4	0.906	CP0630	445	9	1/2	14		N	I/A		9	4 1/2	6 3/4	6 13/16	7	4 1/8	6 3/16	6 13/16	6	3 1/2	5 1/4	6 13/16
20'-5"	2	1.156	CP0630	445	9	1/2	14	N/A N/A					4 1/2	6 3/4	6 13/16	7	4 1/8	6 3/16	6 13/16	6	3 1/2	5 1/4	6 13/16
21'-5"	2	1.156	CP0630 & CP0647	446	8	5/8	18		N	I/A		11	4 1/2	6 3/4	6 7/8		N	/A		10	5	7 1/2	6 7/8
22'-5"	2	1.156	CP0630 & CP0647	446	8	5/8	18			I/A		10	4 1/2	6 3/4	6 7/8		N	/A		9	5	7 1/2	6 7/8
23'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	16		N	I/A		9	4 1/2	6 3/4	6 7/8		N	I/A		8	5	7 1/2	6 7/8
24'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	15			I/A		8	4 1/2	6 3/4	6 7/8		N	/A		7	5	7 1/2	6 7/8
25'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	14		- 1	I/A		7	4 1/2	6 3/4	6 7/8		N	I/A			1	V/A	
26'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18	22	5 5/8	8	7 1/2	11	5	7 1/2	7 1/2	12	6 5/8	9 15/16	7 1/2		- 1	V/A	
27'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18						5	7 1/2	7 1/2	11	6 5/8	9 15/16	7 1/2		. 1	N/A	
28'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18	N/A					5	7 1/2	7 1/2	11	6 5/8	9 15/16	7 1/2		- 1	N/A	
29'-5"	2 1/2	1.656	CP0630 & CP0647	548	6	3/4	18	N/A					5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2		1	N/A	
30'-5"	2 1/2	1.656	CP0630 & CP0647	548	6	3/4	17		1	N/A		9	5	7 1/2	7 1/2	9	6 5/8	9 15/16	7 1/2		- 1	N/A	
31'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	16		1	N/A		8	5	7 1/2	7 1/2	8	6 5/8	9 15/16	7 1/2		- 1	N/A	
32'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	16	-		V/A		8	5	7 1/2	7 1/2	6	6 5/8	9 15/16	7 1/2		- 1	A/N	





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INSULATED ROLLING STEEL DOOR
CP0001/CP0651 SLAT NON-IMPACT RATED

DRAWN BY: SIZE: SCALE: SHEET:

TJE B AS NOTED 15/58

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

													CF	0001/CP06	51 - 0.0220	/0.0220 Mir	nimum Thick	cness Galv	anized or S	tainiess Ste	ei - 40 P3F,	Cont.					Stool (M)	II anchors are	the came d	iameter as	accembly				
						Filled CMU	J									Ci	racked Conc	rete Minin	num 3,000 F	PSI Compre	ssive Streng	th					Steel (wa		asteners)	ilailietei as	аззенных		Superimpo	osed Loads	
DBG		Hilti Kw	rik Bolt 3			Simpson S	trong-Bolt 2	2	1	hrough Bol	t		Hil	ti Kwik Bolt	TZ			Simp	son Strong-	Bolt 2			ITW	Redhead Tru	ıbolt+		W	elded	Through Bolt	Тар	oped				
Up To	Max O.C.	Dia.	Embed	Edge Dist	Max O.C.	Dia.	Embed	Edge Dist	Max. O.C.	Dia.	Edge Distance	Max O.C.	Dia.	Embed.	Min Wall Thick	Edge Dist	Max O.C.	Dia.	Embed.	Min Wall Thick.	Edge Dist	Max O.C.	Dia.	Embed.	Min Wall Thick.	Edge Dist	Max O.C.	Slot Size	Max O.C.	Max O.C.	Min. Thickness	Vx (+)	Vy (+)	Vx (-)	Vy (-)
5'-5"	10	3/8	2 1/2	5 3/4	9	1/2	3 1/2	5 3/4	19	3/8	5 3/4	12 5/8	3/8	2 5/16	5	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	16 1/4	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	110	0	109
6'-5"	9	3/8	2 1/2	5 3/4	15	3/4	5 1/4	5 3/4	16	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	130	0	129
7'-5"	8	3/8	2 1/2	5 3/4	13	3/4	5 1/4	5 3/4	14	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	16 1/4	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	150	0	149
8'-5"	8	1/2	3 1/2	5 3/4	11	3/4	5 1/4	5 3/4	12	3/8	5 3/4	19	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	22 3/4	1/2	3 3/4	8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	170	0	169
9'-5"	8	3/4	3 1/4	5 3/4	10	3/4	5 1/4	5 3/4	11	3/8	5 3/4	36	1/2	3 5/8	8	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	3/4	4 3/8	7	5 3/4	36	7/16 x 5/8	36	36	3/16	0	190	0	189
10'-5"	12	3/4	4 3/8	5 3/4	9	3/4	5 1/4	5 3/4	10	3/8	5 3/4	19	1/2	3 5/8	8	5 3/4	16 1/4	1/2	3 7/8	6	5 3/4	36	3/4	4 3/8	7	5 3/4	36	7/16 x 5/8	36	36	3/16	0	210	0	209
11'-5"	11	3/4	4 3/8	5 3/4	8	3/4	5 1/4	5 3/4	9	3/8	5 3/4	36	3/4	5 9/16	8	5 3/4	22 3/4	3/4	4 1/8	6 3/4	5 3/4	22 3/4	3/4	4 3/8	7	5 3/4	36	7/16 x 5/8	36	36	3/16	0	230	0	229
15'-5"		N	/A			N	I/A		6	3/8	5 3/4		_ 10	N/A			36	3/4	5 3/4	8 3/4	5 3/4			N/A			12	7/16 x 5/8	12	7	3/16	905	311	879	310
16'-5"		N	4 3/8 5 3/4 9 3/4 5 1/4 5 3/4 10 3/8 5 4 3/8 5 3/4 8 3/4 5 1/4 5 3/4 9 3/8 5 N/A N/A 6 3/8 5		6 13/16	22 3/4	3/4	5 9/16	8	6 13/16	36	3/4	5 3/4	8 3/4	6 13/16			N/A			25	9/16 x 3/4	25	14	1/4	976	330	955	330						
17'-5"		- N	1911				N/A					N/A					N/A			20	9/16 x 3/4	20	11	1/4	1208	350	1188	351 370							
18'-5"		_ N	I/A	A N/A 10 1/2 613/16 N/A N/A 9 1/2 613/16 N/									N/A					N/A			19	9/16 x 3/4	19	10	1/4	1263 1324	370 389	1309	390						
19'-5"		N	I/A			١	I/A		9	1/2	-			N/A					N/A					N/A			18	9/16 x 3/4	18	10	1/4	1324	409	1270	409
20'-5"		N	I/A			N	I/A		9	1/2	6 13/16			N/A					N/A					N/A			19	9/16 x 3/4 11/16 x 7/8	19	10	5/16	1451	429	1440	430
21'-5"		N	I/A			N	I/A		11	5/8	6 7/8			N/A					N/A					N/A			25	11/16 x 7/8	25	12	5/16	1618	449	1606	450
22'-5"		N	I/A			N	V/A		10	5/8	6 7/8			N/A					N/A			-		N/A			23	11/16 x 7/8	21	11	5/16	1783	469	1771	470
23'-5"		N	I/A				N/A		9	5/8	6 7/8			N/A					N/A			-		N/A	_		21 19	11/16 x 7/8	19	10	5/16	1947	489	1935	490
24'-5"		N	I/A				N/A		8	5/8	6 7/8			N/A					N/A					N/A N/A			17	11/16 x 7/8	17	9	5/16	2111	510	2099	511
25'-5"			I/A				N/A		7	5/8	6 7/8	-		N/A			-		N/A					N/A N/A	_		36	13/16 x 1	36	24	3/8	1851	528	1840	529
26'-5"		-	I/A				N/A		11	3/4	7 1/2			N/A					N/A				_	N/A	_		36	13/16 x 1	36	22	3/8	1991	548	1980	549
27'-5"			I/A				N/A		10	3/4	7 1/2			N/A					N/A				_	N/A			36	13/16 x 1	36	20	3/8	2131	569	2120	569
28'-5"			I/A				N/A		10	3/4	7 1/2	-		N/A					N/A		-	-		N/A			36	13/16 x 1	36	19	3/8	2272	589	2261	589
29'-5"			I/A				N/A		9	3/4	7 1/2	-		N/A					N/A N/A					N/A			34	13/16 x 1	34	18	3/8	2413	609	2402	610
30'-5"			I/A				N/A		9	3/4	7 1/2			N/A				_	N/A			1		N/A			32	13/16 x 1	32	17	3/8	2555	630	2544	630
31'-5"			I/A I/A				V/A V/A		8	3/4	7 1/2			N/A N/A		_	-	-	N/A					N/A			30	13/16 x 1	30	16	3/8	2698	650	2687	650





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0.000 = +/- 0.031 FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG

INSULATED ROLLING STEEL DOOR
CP0001/CP0651 SLAT NON-IMPACT RATED

DRAWN BY: SIZE: SCALE: SHEET:

TJE B AS NOTED 16/58

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

							CP000	01/CP0651	0.0220/0.	0220 Minin	num Thickn												
											Concret	e Minimum	3,000 PSI	Compressive	e Strength (Anchors are	the same of	diameter as	assembly fa	steners)			
000	Windlock		4	Guide	Windlock	Assembly	Assembly		Hilti Kw	rik Bolt 3			Simpson	Wedge All			Red Hea	d Tru-Bolt			Powers V	/edge-Bolt	
DBG Up To	Flat Location	Slip	Windlock	Assembly	Weld Pitch	Fastener Diameter	Fastener Spacing	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist
5'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	15	2 5/8	3 15/16	5 3/4	15	3	4 1/2	5 3/4	12	2	3	5 3/4
6'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36 2 3/8 4 5 3/4 15 28 2 3/8 4 5 3/4 12		12	2 5/8	3 15/16	5 3/4	13	3	4 1/2	5 3/4	10	2	3	5 3/4		
7'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	9	2 3/8	4	5 3/4	11	2 5/8	3 15/16	5 3/4	11	3	4 1/2	5 3/4	8	2	3	5 3/4
8'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N/A 9					3 15/16	5 3/4	10	3	4 1/2	5 3/4	7	2	3	5 3/4
9'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	/A		8	2 5/8	3 15/16	5 3/4	9	3	4 1/2	5 3/4	7	2	3	5 3/4
16'-5"	1 5/16	0.469	CP0630 & CP0647	446	7	5/8	18		N	I/A		9	4 1/2	6 3/4	6 7/8		N	I/A		8	5	7 1/2	6 7/8
17'-5"	1 7/16	0.594	CP0630 & CP0647	446	7	5/8	18		N	I/A		9	4 1/2	6 3/4	6 7/8		1	V/A		8	5	7 1/2	6 7/8
18'-5"	1 1/2	0.656	CP0630 & CP0647	546	7	5/8	16		N	I/A		8	4 1/2	6 3/4	6 7/8			V/A		7	5	7 1/2	6 7/8
19'-5"	1 5/8	0.781	CP0630 & CP0647	546	7	5/8	16		N	I/A		8	4 1/2	6 3/4	6 7/8		1	I/A		7	- 5	7 1/2	6 7/8
20'-5"	1 5/8	0.781	CP0630 & CP0647	546	7	5/8	14		N	I/A		7	4 1/2	6 3/4	6 7/8		V	V/A			- ^	I/A	
21'-5"	1 3/4	0.906	CP0630 & CP0647	548	6	3/4	18		N	I/A		10	5	7 1/2	7 1/2	11	6 5/8	9 15/16	7 1/2			I/A	
22'-5"	1 7/8	1.031	CP0630 & CP0647	548	6	3/4	18		N	I/A		9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2		- 1	I/A	
23'-5"	2	1.156	CP0630 & CP0647	548	6	3/4	18		N	I/A		9	.5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2			I/A	
24'-5"	2 1/4	1.406	CP0630 & CP0647	548	6	3/4	18		N	I/A		9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2		N	I/A	
25'-5"	2 3/8	1.531	CP0630 & CP0647	548	6	3/4	18		N	I/A		9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2		٨	I/A	
26'-5"	2 1/2	1.656	CP0630 & CP0647	548	6	3/4	17		N	I/A		9	5	7 1/2	7 1/2	9	6 5/8	9 15/16	7 1/2		1	I/A	
27'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	16		N	I/A		8	5	7 1/2	7 1/2	8	6 5/8	9 15/16	7 1/2			I/A	

						Filled CMU						Steel (Wa	all anchors are	the same d fasteners)	liameter as	assembly		Eunarima	osed Loads	
DBG		Hilti K	wik Bolt 3		11 13	Simpson St	rong-Bolt 2	2	Т	hrough Bo	olt	W	elded	Through Bolt	Тар	ped		Superimpo	osed roads	
Up To	Max O.C.	Dia.	Embed	Edge Dist	Max O.C.	Dia.	Embed	Edge Dist	Max. O.C.	Dia.	Edge Distance	Max O.C.	Slot Size	Max O.C.	Max O.C.	Min. Thickness	Vx (+)	Vy (+)	Vx (-)	Vy (-)
5'-5"	8	3/8	2 1/2	5 3/4	14	3/4	5 1/4	5 3/4	15	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	138	0	136
6'-5"	8	1/2	3 1/2	5 3/4	12	3/4	5 1/4	5 3/4	12	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	163	0	161
7'-5"	8	3/4	3 1/4	5 3/4	10	3/4	5 1/4	5 3/4	11	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	188	0	186
8'-5"	11	3/4	4 3/8	5 3/4	9	3/4	5 1/4	5 3/4	9	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	213	0	211
9'-5"	10	3/4	4 3/8	5 3/4	8	3/4	5 1/4	5 3/4	8	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	238	0	236
16'-5"		1	N/A			N	/A		9	5/8	6 7/8	21	11/16 x 7/8	21	11	5/16	1786	414	1756	415
17'-5"		. 8	N/A			N	/A		9	5/8	6 7/8	21	11/16 x 7/8	21	11	5/16	1785	438	1759	439
18'-5"			N/A			N	/A		8	5/8	6 7/8	19	11/16 x 7/8	19	10	5/16	1929	463	1905	464
19'-5"		- 8	N/A			N	/A		8	5/8	6 7/8	19	11/16 x 7/8	19	10	5/16	1959	488	1938	489
20'-5"		- 4	N/A			_ N	/A		7	5/8	6 7/8	17	11/16 x 7/8	17	9	5/16	2197	513	2176	515
21'-5"			N/A			N	/A		10	3/4	7 1/2	36	13/16 x 1	36	20	3/8	2235	539	2209	539
22'-5"			N/A			N	/A		9	3/4	7 1/2	36	13/16 x 1	36	19	3/8	2275	563	2252	564
23'-5"			N/A			N	/A		9	3/4	7 1/2	35	13/16 x 1	35	19	3/8	2322	588	2301	588
24'-5"		-	N/A			N	/A		9	3/4	7 1/2	36	13/16 x 1	36	19	3/8	2249	611	2232	612
25'-5"			N/A				/A		9	3/4	/ 1/2	35	13/16 x 1	35	19	3/8	2314	636	2299	637
26'-5"			N/A			N	/A		9	3/4	7 1/2	34	13/16 x 1	34	18	3/8	2380	661	2366	661
27'-5"	1		N/A			N	I/A		8	3/4	7, 1/2//	11,32	13/16 x 1	32	17	3/8	2550	686	2537	687

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Unless otherwise specified, tolerances are:

0.000 = +/- 0.031FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG

WIND LOAD CONFIGURATION INSULATED ROLLING STEEL DOOR CP0001/CP0651 SLAT NON-IMPACT RATED

SCALE: SHEET: DRAWN BY: SIZE: TJE AS NOTED 17/58

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

							CP000	01/CP0651	- 0.0236/0.	0220 Minin		ess Galvaniz							100				
	1										Concret	e Minimum			Strength (Anchors are			assembly fa	steners)			
DBG	Windlock		1372-233-	Guide	Windlock	Assembly	Assembly		Hilti Kw	ik Bolt 3			Simpson	Wedge All			Red Head	d Tru-Bolt			Powers V	/edge-Bolt	100
Up To	Flat Location	Slip	Windlock	Assembly	Weld Pitch	Fastener Diameter	Fastener Spacing	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	20.00	Embed	Min. Wall Thick.	Edge Dist
5'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	36	2 5/8	3 15/16	5 3/4	36	3	4 1/2	5 3/4	30	2	3	5 3/4
6'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	32	2 5/8	3 15/16	5 3/4	33	3	4 1/2	5 3/4	25	2	3	5 3/4
7'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	28	2 5/8	3 15/16	5 3/4	28	3	4 1/2	5 3/4	22	2	3	5 3/4
8'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	24	2 5/8	3 15/16	5 3/4	25	3	4 1/2	5 3/4	19	2	3	5 3/4
9'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	22	2 5/8	3 15/16	5 3/4	22	3	4 1/2	5 3/4	17	2	3	5 3/4
10'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	20	2 5/8	3 15/16	5 3/4	20	3	4 1/2	5 3/4	15	2	3	5 3/4
11'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	18	2 5/8	3 15/16	5 3/4	18	3	4 1/2	5 3/4	14	2	3	5 3/4
12'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	16	2 5/8	3 15/16	5 3/4	17	3	4 1/2	5 3/4	13	2	3	5 3/4
13'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	15	2 5/8	3 15/16	5 3/4	16	3	4 1/2	5 3/4	12	2	3	5 3/4
14'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	14	2 5/8	3 15/16	5 3/4	14	3	4 1/2	5 3/4	11	2	3	5 3/4
15'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	13	2 5/8	3 15/16	5 3/4	13	3	4 1/2	5 3/4	10	2	3	5 3/4
16'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	28	2 3/8	4	5 3/4	12	2 5/8	3 15/16	5 3/4	13	3	4 1/2	5 3/4	10	2	3	5 3/4
17'-5"	1 1/2	0.719	CP0629	344	12	3/8	18	36	2 3/8	4	5 3/4	16	2 5/8	3 15/16	5 3/4	17	3	4 1/2	5 3/4	10	2	3	5 3/4
18'-5"	1 1/2	0.719	CP0629	344	12	3/8	18	16	2 3/8	4	5 3/4	12	2 5/8	3 15/16	5 3/4	12	3	4 1/2	5 3/4	7	2	3	5 3/4
19'-5"	1 1/2	0.719	CP0629	344	12	3/8	17		N	/A		9	2 5/8	3 15/16	5 3/4	9	3	4 1/2	5 3/4	6	2	3	5 3/4
20'-5"	1 1/2	0.719	CP0629	344	12	3/8	14		. 1	/A		8	2 5/8	3 15/16	5 3/4	8	3	4 1/2	5 3/4	5	2	3	5 3/4
21'-5"	1 1/2	0.719	CP0629	344	11	3/8	13		- 1	I/A		7	2 5/8	3 15/16	5 3/4	7	.3	4 1/2	5 3/4	5	2 1/2	3 3/4	5 3/4
22'-5"	1 1/2	0.719	CP0629	344	10	3/8	11	N/A 7			6	2 5/8	3 15/16	5 3/4	6	3	4 1/2	5 3/4	4	2 1/2	3 3/4	5 3/4	
23'-5"	2	1.219	CP0629	445	12	1/2	18	36	3 5/8	6	6 13/16	16	4 1/2	6 3/4	6 13/16	13	4 1/8	6 3/16	6 13/16	7	2 1/2	3 3/4	6 13/1
24'-5"	2	1.219	CP0629	445	11	1/2	18	36	3 5/8	6	6 13/16	14	4 1/2	6 3/4	6 13/16	11	4 1/8	6 3/16	6 13/16	6	2 1/2	3 3/4	6 13/1
25'-5"	2	1.219	CP0629	445	10	1/2	18	28	3 5/8	6	6 13/16	13	4 1/2	6 3/4	6 13/16	10	4 1/8	6 3/16	6 13/16	6	2 1/2	3 3/4	6 13/1
26'-5"	2	1.156	CP0630	445	10	1/2	18	36	3 5/8	8	6 13/16	11	4 1/2	6 3/4	6 13/16	9	4 1/8	6 3/16	6 13/16	8	3 1/2	5 1/4	6 13/1
27'-5"	2	1.156	CP0630	445	9	1/2	17	28	3 5/8	8	6 13/16	11	4 1/2	6 3/4	6 13/16	8	4 1/8	6 3/16	6 13/16	7	3 1/2	5 1/4	6 13/1
28'-5"	2	1.156	CP0630	445	9	1/2	16			I/A.		10	4 1/2	6 3/4	6 13/16	8	4 1/8	6 3/16	6 13/16	6	3 1/2	5 1/4	6 13/1
29'-5"	2	1.156	CP0630	445	9	1/2	15			I/A		9	4 1/2	6 3/4	6 13/16	7	4 1/8	6 3/16	6 13/16	6	3 1/2	5 1/4	6 13/2
30'-5"	2	1.156	CP0630	445	8	1/2	14		1	I/A		8	4 1/2	6 3/4	6 13/16	7	4 1/8	6 3/16	6 13/16	6	3 1/2	5 1/4	6 13/
31'-5"	2	1.156	CP0630 & CP0647	445	8	1/2	13			I/A		8	4 1/2	6 3/4	6 13/16	6	4 1/8	6 3/16	6 13/16	7	4	6	6 13/
32'-5"	2	1.156	CP0630 & CP0647	446	8	5/8	18		P	V/A		10	4 1/2	6 3/4	6 7/8			N/A		9	5	7 1/2	6 7/
33'-5"	2	1.156	CP0630 & CP0647	446	8	5/8	18		17	I/A		10	4 1/2	6 3/4	6 7/8			N/A		9	5	7 1/2	6 7/
34'-5"	2	1.156	CP0630 & CP0647	446	7	5/8	18			I/A		9	4 1/2	6 3/4	6 7/8			N/A		8	5	7 1/2	6 7/
35'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	17	N/A N/A				9	4 1/2	6 3/4	6 7/8		-	N/A		8	5	7 1/2	6 7/
36'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	16					8	4 1/2	6 3/4	6 7/8		1	N/A		7	5	7 1/2	6 7/
37'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	16					8	4 1/2	6 3/4	6 7/8		- 1	N/A		7	5	7 1/2	6 7/
38'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	15					8	4 1/2	6 3/4	6 7/8		- 1	N/A				N/A	
39'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18	28	5 5/8	8	7 1/2	12	5	7 1/2	7 1/2	13	6 5/8	9 15/16	7 1/2	1		N/A	
40'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18	22	5 5/8	8	7 1/2	11	5	7 1/2	7 1/2	12	6 5/8	9 15/16	7 1/2			N/A	



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Unless otherwise specified, dimensions are in inches & tolerances are:

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WIND LOAD CONFIGURATION INSULATED ROLLING STEEL DOOR CP0001/CP0651 SLAT NON-IMPACT RATED

SCALE: SHEET: AS NOTED 18/58 DRAWN BY: SIZE: TJE

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

													CI	P0001/CP065	1 - 0.0236	/0.0220 Mir	nimum Thic	cness Galv	anized or S	ainless Ste	el - 20 PSF,	Cont.					_								
						Filled CM	u									Ci	racked Conc	rete Minim	num 3,000 F	SI Compres	sive Streng	th				- 1	Steel (W	all anchors are f	the same (asteners)	diameter as	assembly		Superimpo	sed Loads	
DBG		Hilti Kw	rik Bolt 3			Simpson	Strong-Bolt	2		Through Bol	t		Hi	lti Kwik Bolt	Z			Simp	son Strong-	Bolt 2			ITW	Redhead Tr	ubolt+		w	elded	Through Bolt	Тар	pped			201,97507	
Up To	Max O.C.	Dia.	Embed	Edge Dist	Max O.C.	Dia.	Embed	Edge Dist	Max. O.C.	Dia.	Edge Distance	Max O.C.	Dia.	Embed.	Min Wall Thick.	Edge Dist	Max O.C.	Dia.	Embed.	Min Wall Thick.	Edge Dist	Max O.C.	Dia.	Embed.	Min Wall Thick.	Edge Dist	Max O.C.	Slot Size	Max O.C.	Max O.C.	Min. Thickness	Vx (+)	Vy (+)	Vx (-)	Vy (-)
5'-5"	9	3/8	1 5/8	5 3/4	15	3/8	2 5/8	5 3/4	36	3/8	5 3/4	36	3/8	2 5/16	4	5 3/4	36	3/8	1 7/8	3 1/4	5 3/4	36	3/8	2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	55	0	55
6'-5"	18	3/8	2 1/2	5 3/4	12	3/8	2 5/8	5 3/4	32	3/8	5 3/4	36	3/8	2 5/16	4	5 3/4	36	3/8	1 7/8	3 1/4	5 3/4	19	3/8	2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	65	0	65
7'-5"	16	3/8	2 1/2	5 3/4	11	3/8	2 5/8	5 3/4	28	3/8	5 3/4	36	3/8	2 5/16	4	5 3/4	36	3/8	1 7/8	3 1/4	5 3/4	36	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	75	0	75
8'-5"	14	3/8	2 1/2	5 3/4	9	3/8	2 5/8	5 3/4	24	3/8	5 3/4	36	3/8	2 5/16	4	5 3/4	28 1/2	3/8	1 7/8	3 1/4	5 3/4	36	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	85	0	85
9'-5"	12	3/8	2 1/2	5 3/4	8	3/8	2 5/8	5 3/4	22	3/8	5 3/4	22 3/4	3/8	2 5/16	4	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	3/8	2	- 5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	95	0	95
10'-5"	11	3/8	2 1/2	5 3/4	9	1/2	3 1/2	5 3/4	20	3/8	5 3/4	7 1/8	3/8	2 5/16	4	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	22 3/4	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	105	0	105
11'-5"	10	3/8	2 1/2	5 3/4	8	1/2	3 1/2	5 3/4	18	3/8	5 3/4	7 1/8	3/8	2 5/16	5	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	10 5/16	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	115	0	115
12'-5"	9	3/8	2 1/2	5 3/4	8	1/2	3 1/2	5 3/4	16	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	125	0	125
13'-5"	8	3/8	2 1/2	5 3/4	14	3/4	5 1/4	5 3/4	15	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	135	0	135
14'-5"	8	3/8	2 1/2	5 3/4	13	3/4	5 1/4	5 3/4	14	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	22 3/4	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	145	0	145
15'-5"	8	1/2	3 1/2	5 3/4	12	3/4	5 1/4	5 3/4	13	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	12 5/8	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	155	0	155
16'-5"	8	1/2	3 1/2	5 3/4	11	3/4	5 1/4	5 3/4	12	3/8	5 3/4	22 3/4	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	28 1/2	1/2	3 3/4	8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	165	0	165
7'-5"	10	3/8	2 1/2	5 3/4	8	1/2	3 1/2	5 3/4	16	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	1/2	2 1/2	4	5 3/4	34	7/16 x 5/8	34	22	3/16	312	175	299	175
18'-5"	8	1/2	3 1/2	5 3/4	11	3/4	5 1/4	5 3/4	12	3/8	5 3/4	22 3/4	1/2	3 5/8	6	5 3/4	16 1/4	1/2	2 3/4	4 1/2	5 3/4	36	1/2	3 3/4	8	5 3/4	24	7/16 x 5/8	24	15	3/16	446	185	434	185
19'-5"	11	3/4	4 3/8	5 3/4	8	3/4	5 1/4	5 3/4	9	3/8	5 3/4	22 3/4	1/2	3 5/8	8	5 3/4	36	3/4	4 1/8	6 3/4	5 3/4	36	3/4	4 3/8	7	5 3/4	19	7/16 x 5/8	19	12	3/16	573	195	562	195
20'-5"	9	3/4	4 3/8	5 3/4		B	N/A		8	3/8	5 3/4	36	3/4	5 9/16	8	5 3/4	36	3/4	5 3/4	8 3/4	5 3/4	36	3/4	4 3/8	8	5 3/4	15	7/16 x 5/8	15	10	3/16	695	205	684	205
21'-5"	8	3/4	4 3/8	5 3/4	11		N/A		7	3/8	5 3/4	28 1/2	3/4	5 9/16	8	5 3/4	36	3/4	5 3/4	8 3/4	5 3/4			N/A			13	7/16 x 5/8	13	8	3/16	813	215	803	215
22'-5"		N	/A			- 1	N/A		6	3/8	5 3/4			N/A					N/A					N/A			11	7/16 x 5/8	11	7	3/16	928	225	919	225
23'-5"	10	3/4	4 3/8	6 13/16			N/A		16	1/2	6 13/16	36	3/4	5 9/16	8	6 13/16	36	3/4	5 3/4	8 3/4	6 13/16	36	3/4	4 3/8	8	6 13/16	_	9/16 x 3/4	34	19	1/4	725	234	718	235
24'-5"	9	3/4	4 3/8	6 13/16			N/A		14	1/2	6 13/16	36	3/4	5 9/16	8	6 13/16	36	3/4	5 3/4	8 3/4	6 13/16	22 3/4	3/4	4 3/8	8	6 13/16	_	9/16 x 3/4	30	16	1/4	816	244	810	245
25'-5"	8	3/4	4 3/8	6 13/16			N/A		13	1/2	6 13/16	28 1/2	3/4	5 9/16	8	6 13/16	36	3/4	5 3/4	8 3/4	6 13/16			N/A			27	9/16 x 3/4	27	15	1/4	906	254	900	255
26'-5"		N	/A				N/A		11	1/2	6 13/16			N/A					N/A					N/A			24	9/16 x 3/4	24	13	1/4	1029	265	1022	265
27'-5"		N	/A				N/A		11	1/2	6 13/16			N/A					N/A					N/A			22	9/16 x 3/4	22	12	1/4	1119	275	1112	275
28'-5"	-	N	/A			4	N/A		10	1/2	6 13/16			N/A					N/A					N/A			20	9/16 x 3/4	20	11	1/4	1208	285	1202	285
29'-5"		N	I/A				N/A		9	1/2	6 13/16			N/A					N/A					N/A			19	9/16 x 3/4	19	10	1/4	1297	295	1291	295
30'-5"		N	I/A				N/A		8	1/2	6 13/16			N/A					N/A					N/A			17	9/16 x 3/4	_	9	1/4	1387	305	1380	306
31'-5"		N	I/A			- 19	N/A		8	1/2	6 13/16			N/A					N/A			1		N/A			16	9/16 x 3/4	16	9	1/4	1476	315	1469	316
32'-5"		N	/A				N/A		10	5/8	6 7/8			N/A					N/A					N/A			24	11/16 x 7/8	_	13	5/16	1565	325	1559	326
33'-5"		N	I/A				N/A		10	5/8	6 7/8	N/A						N/A					N/A			22	11/16 x 7/8	-	12	5/16	1655	335	1648	336	
34'-5"		N	I/A			- 0	N/A		9	5/8	6 7/8			N/A					N/A					N/A			21	11/16 x 7/8		11	5/16	1745	346	1738	346
35'-5"			I/A				N/A		9	5/8	6 7/8			N/A					N/A			-		N/A			20	11/16 x 7/8	-	11	5/16	1835	356	1829	356
36'-5"		N	I/A				N/A		8	5/8	6 7/8		N/A				N/A			-		N/A			19	11/16 x 7/8	-	10	5/16	1926	366	1920	367		
37'-5"		N	I/A				N/A		8	5/8	6 7/8		N/A					N/A					N/A			18	11/16 x 7/8	18	10	5/16	2018	376	2012	377	
38'-5"		N	I/A				N/A		8	5/8	6 7/8			N/A					N/A			1		N/A			17	11/16 x 7/8	-	9	5/16	2110	386	2104	387
39'-5"		N	I/A				N/A		12	3/4	7 1/2			N/A					N/A					N/A			36	13/16 x 1	36	24	3/8	1819	395	1813	395
40'-5"		- 1	I/A			-	N/A	-	11	3/4	7 1/2			N/A					N/A			1		N/A			36	13/16 x 1	36	23	3/8	1898	405	1892	406





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0.000 = +/- 0.031 FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG

INSULATED ROLLING STEEL DOOR
CP0001/CP0651 SLAT NON-IMPACT RATED

DRAWN BY: SIZE: SCALE: SHEET:

TJE B AS NOTED 19/58

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

							CP00	01/CP0651	- 0.0236/0.	0220 Minin		ess Galvaniz								A			
7.31				11 1 1		1 = = =1					Concret	e Minimum			e Strength (/	Anchors are			assembly fa	steners)		L. L. Batt	
DBG	Windlock		1000	Guide	Windlock	Assembly	Assembly		Hilti Kw	ik Bolt 3			Simpson	Wedge All			Red Head				Powers V	/edge-Bolt	
Up To	Flat Location	Slip	Windlock	Assembly	Weld Pitch	Fastener Diameter	Fastener Spacing	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	2442191171	Embed	Min. Wall Thick.	Edge Dis
5'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	25	2 5/8	3 15/16	5 3/4	26	3	4 1/2	5 3/4	20	2	3	5 3/4
6'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	21	2 5/8	3 15/16	5 3/4	22	3	4 1/2	5 3/4	17	2	3	5 3/4
7'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	18	2 5/8	3 15/16	5 3/4	19	3	4 1/2	5 3/4	14	2	3	5 3/4
8'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	16	2 5/8	3 15/16	5 3/4	17	3	4 1/2	5 3/4	13	2	3	5 3/4
9'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	14	2 5/8	3 15/16	5 3/4	15	3	4 1/2	5 3/4	11	2	3	5 3/
10'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	13	2 5/8	3 15/16	5 3/4	13	3	4 1/2	5 3/4	10	2	3	5 3/4
11'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	22	2 3/8	4	5 3/4	12	2 5/8	3 15/16	5 3/4	12	3	4 1/2	5 3/4	9	2	3	5 3/4
12'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	9	2 3/8	4	5 3/4	11	2 5/8	3 15/16	5 3/4	11	3	4 1/2	5 3/4	8	2	3	5 3/
13'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	11	2 3/8	5	5 3/4	10	2 5/8	3 15/16	5 3/4	10	3	4 1/2	5 3/4	8	2	3	5 3/-
14'-5"	1 1/2	0.719	CP0629	344	12	3/8	18	36	2 3/8	4	5 3/4	19	2 5/8	3 15/16	5 3/4	19	3	4 1/2	5 3/4	12	2	3	5 3/4
15'-5"	1 1/2	0.719	CP0629	344	12	3/8	18	36	2 3/8	4	5 3/4	13	2 5/8	3 15/16	5 3/4	13	3	4 1/2	5 3/4	8	2	3	5 3/
16'-5"	1 1/2	0.719	CP0629	344	12	3/8	16			I/A		9	2 5/8	3 15/16	5 3/4	9	3	4 1/2	5 3/4	6	2	3	5 3/
17'-5"	1 1/2	0.719	CP0629	344	12	3/8	13		- 1	I/A		7	2 5/8	3 15/16	5 3/4	7	3	4 1/2	5 3/4	4	2	3	5 3/
18'-5"	1 1/2	0.719	CP0629	344	10	3/8	11		- 1	I/A		6	2 5/8	3 15/16	5 3/4	6	3	4 1/2	5 3/4	4	2 1/2	3 3/4	5 3/
19'-5"	2	1.219	CP0629	445	12	1/2	18	36	3 5/8	6	6 13/16	16	4 1/2	6 3/4	6 13/16	12	4 1/8	6 3/16	6 13/16	7	2 1/2	3 3/4	6 13/
20'-5"	2	1.219	CP0629	445	11	1/2	18	36	3 5/8	6	6 13/16	13	4 1/2	6 3/4	6 13/16	11	4 1/8	6 3/16	6 13/16	6	2 1/2	3 3/4	6 13/
21'-5"	2	1.156	CP0630	445	10	1/2	17	36	3 5/8	8	6 13/16	11	4 1/2	6 3/4	6 13/16	9	4 1/8	6 3/16	6 13/16	7	3 1/2	5 1/4	6 13/
22'-5"	2	1.156	CP0630	445	9	1/2	15			I/A		10	4 1/2	6 3/4	6 13/16	8	4 1/8	6 3/16	6 13/16	7	3 1/2	5 1/4	6 13/
23'-5"	2	1.156	CP0630	445	9	1/2	14		1	I/A		9	4 1/2	6 3/4	6 13/16	7	4 1/8	6 3/16	6 13/16	6	3 1/2	5 1/4	6 13/
24'-5"	2	1.156	CP0630	445	8	1/2	13			I/A		8	4 1/2	6 3/4	6 13/16	6	4 1/8	6 3/16	6 13/16	7	4	6	6 13/
25'-5"	2	1.156	CP0630 & CP0647	446	8	5/8	18			I/A		10	4 1/2	6 3/4	6 7/8		N	/A		9	5	7 1/2	6 7/
26'-5"	2	1.156	CP0630 & CP0647	446	8	5/8	18		1	I/A		10	4 1/2	6 3/4	6 7/8		N	/A		9	5	7 1/2	6 7/
27'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	17			N/A		9	4 1/2	6 3/4	6 7/8		N	/A		8	5	7 1/2	6 7/
28'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	16			V/A		8	4 1/2	6 3/4	6 7/8	1	N	/A		7	5	7 1/2	6.7/
29'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	15		1	N/A		8	4 1/2	6 3/4	6 7/8		N	I/A			- 1	V/A	
30'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18	28	5 5/8	8	7 1/2	12	5	7 1/2	7 1/2	13	6 5/8	9 15/16	7 1/2		1	N/A	
31'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18			N/A		11	5	7 1/2	7 1/2	12	6 5/8	9 15/16	7 1/2			N/A	
32'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18			N/A		10	5	7 1/2	7 1/2	12	6 5/8	9 15/16	7 1/2		- 1	N/A	
33'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18			N/A		10	5	7 1/2	7 1/2	11	6 5/8	9 15/16	7 1/2			N/A	
34'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18			V/A		9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2		- 0	N/A	
35'-5"	2 1/2	1.656	CP0630 & CP0647	548	6	3/4	18			N/A		9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2			N/A	
36'-5"	2 1/2	1.656	CP0630 & CP0647	548	6	3/4	18			N/A		9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2			N/A	
37'-5"	2 1/2	1.656	CP0630 & CP0647	548	6	3/4	17			N/A		8	5	7 1/2	7 1/2	8	6 5/8	9 15/16	7 1/2		- 1	N/A	
38'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	16			N/A		8	5	7 1/2	7 1/2	7	6 5/8	9 15/16	7 1/2			N/A	
39'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	16			N/A		8	5	7 1/2	7 1/2	6	6 5/8	9 15/16	7 1/2			N/A	
40'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	15			N/A		7	5	7 1/2	7 1/2	5	6 5/8	9 15/16	7 1/2			N/A	





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Unless otherwise specified, tolerances are:

0.000 = +/- 0.031FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG

WIND LOAD CONFIGURATION INSULATED ROLLING STEEL DOOR CP0001/CP0651 SLAT NON-IMPACT RATED

SIZE: SCALE: SHEET: DRAWN BY: TJE AS NOTED 20/58

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

													C	P0001/CP06	51 - 0.0236	6/0.0220 M	inimum Thi	ckness Gal	vanized or S	tainless Ste	el - 30 PSF,	Cont.					. 17.7.								
						Filled CMI	U										Cracked Con	crete Mini	mum 3,000	PSI Compre	ssive Streng	th					Steel (W	all anchors are f	the same asteners)	diameter as	assembly		Superimpo	absol bean	
DBG		Hilti Kv	vik Bolt 3			Simpson S	Strong-Bolt 2	2		Through Bo	lt		н	ilti Kwik Bolt	TZ			Sim	pson Strong	-Bolt 2			ITW	Redhead Tr	ubolt+		W	elded	Through Bolt	Тар	ped		Superimpo	seu coaus	
Up To	Max O.C.	Dia.	Embed	Edge Dist	Max O.C.	Dia.	Embed	Edge Dist	Max. O.C.	Dia.	Edge Distance	Max O.C.	Dia.	Embed.	Min Wall Thick.	Edge Dist	Max O.C.	Dia.	Embed.	Min Wall Thick.	Edge Dist	Max O.C.	Dia.	Embed.	Min Wall Thick.	Edge Dist	Max O.C.	Slot Size	Max O.C.	Max O.C.	Min. Thickness	Vx (+)	Vy (+)	Vx (-)	Vy (-)
5'-5"	14	3/8	2 1/2	5 3/4	10	3/8	2 5/8	5 3/4	25	3/8	5 3/4	36	3/8	2 5/16	.4	5 3/4	28 1/2	3/8	1 7/8	3 1/4	5 3/4	36	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	83	0	82
6'-5"	12	3/8	2 1/2	5 3/4	8	3/8	2 5/8	5 3/4	21	3/8	5 3/4	19	3/8	2 5/16	4	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	98	0	97
7'-5"	10	3/8	2 1/2	5 3/4	9	1/2	3 1/2	5 3/4	18	3/8	5 3/4	10 5/16	3/8	2 5/16	5	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	14 1/4	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	113	0	112
8'-5"	9	3/8	2 1/2	5 3/4	15	3/4	5 1/4	5 3/4	16	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	128	0	127
9'-5"	8	3/8	2 1/2	5 3/4	13	3/4	5 1/4	5 3/4	14	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	28 1/2	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	143	0	142
10'-5"	8	1/2	3 1/2	5 3/4	12	3/4	5 1/4	5 3/4	13	3/8	5 3/4	28 1/2	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	10 5/16	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	158	0	157
11'-5"	8	1/2	3 1/2	5 3/4	11	3/4	5 1/4	5 3/4	12	3/8	5 3/4	16 1/4	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	22 3/4	1/2	3 3/4	8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	173	0	172
12'-5"	8	3/4	3 1/4	5 3/4	10	3/4	5 1/4	5 3/4	11	3/8	5 3/4	36	1/2	3 5/8	8	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	3/4	4 3/8	7	5 3/4	36	7/16 x 5/8	36	36	3/16	0	188	0	187
13'-5"	12	3/4	4 3/8	5 3/4	9	3/4	5 1/4	5 3/4	10	3/8	5 3/4	28 1/2	1/2	3 5/8	8	5 3/4	22 3/4	1/2	3 7/8	6	5 3/4	36	3/4	4 3/8	7	5 3/4	36	7/16 x 5/8	36	36	3/16	0	203	0	202
14'-5"	11	3/8	2 1/2	5 3/4	9	1/2	3 1/2	5 3/4	19	3/8	5 3/4	14 1/4	3/8	2 5/16	5	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	19	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	173	218	151	217
15'-5"	8	3/8	2 1/2	5 3/4	12	3/4	5 1/4	5 3/4	13	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	28 1/2	3/8	2 7/8	4 1/2	5 3/4	19	1/2	3 3/4	6	5 3/4	28	7/16 x 5/8	28	18	3/16	377	233	358	232
16'-5"	11	3/4	4 3/8	5 3/4	8	3/4	5 1/4	5 3/4	9	3/8	5 3/4	19	1/2	3 5/8	8	5 3/4	28 1/2	3/4	4 1/8	6 3/4	5 3/4	36	3/4	4 3/8	7	5 3/4	19	7/16 x 5/8	19	12	3/16	567	248	550	247
17'-5"	8	3/4	4 3/8	5 3/4		- 1	N/A		7	3/8	5 3/4	36	3/4	5 9/16	8	5 3/4	36	3/4	5 3/4	8 3/4	5 3/4	19	3/4	4 3/8	8	5 3/4	14	7/16 x 5/8	14	9	3/16	746	263	730	262
18'-5"			I/A			- 1	N/A		6	3/8	5 3/4			N/A					N/A					N/A			11	7/16 x 5/8	11	7	3/16	918	278	903	278
19'-5"	9	3/4	4 3/8	6 13/16		١	N/A		16	1/2	6 13/16	36	3/4	5 9/16	8	6 13/16	36	3/4	5 3/4	8 3/4	6 13/16	36	3/4	4 3/8	8	6 13/16	34	9/16 x 3/4	34	19	1/4	723	291	713	292
20'-5"	8	3/4	4 3/8	6 13/16		1	N/A		13	1/2	6 13/16	36	3/4	5 9/16	8	6 13/16	36	3/4	5 3/4	8 3/4	6 13/16			N/A			29	9/16 x 3/4	29	16	1/4	857	306	848	307
21'-5"		N	I/A			1	N/A		11	1/2	6 13/16			N/A					N/A					N/A			24	9/16 x 3/4	24	13	1/4	1025	321	1016	322
22'-5"		N	I/A			1	N/A		10	1/2	6 13/16			N/A					N/A					N/A			21	9/16 x 3/4	21	11	1/4	1155	336	1146	337
23'-5"		٨	I/A			1	N/A		9	1/2	6 13/16			N/A					N/A					N/A			19	9/16 x 3/4	19	10	1/4	1284	352	1275	352
24'-5"		٨	I/A				N/A		8	1/2	6 13/16			N/A					N/A					N/A			17	9/16 x 3/4	17	9	1/4	1412	367	1403	368
25'-5"			I/A			1	N/A		10	5/8	6 7/8			N/A					N/A					N/A			24	11/16 x 7/8	24	13	5/16	1538	382	1529	383
26'-5"			I/A				N/A		10	5/8	6 7/8			N/A					N/A					N/A			22	11/16 x 7/8	22	12	5/16	1664	397	1655	398
27'-5"		- 1	I/A			1	N/A		9	5/8	6 7/8			N/A					N/A					N/A			21	11/16 x 7/8	21	11	5/16	1791	412	1782	413
28'-5"			I/A			1	N/A		8	5/8	6 7/8			N/A					N/A					N/A			19	11/16 x 7/8	19	10	5/16	1917	427	1908	428
29'-5"			I/A				N/A		8	5/8	6 7/8			N/A					N/A					N/A			18	11/16 x 7/8		10	5/16	2044	443	2035	444
30'-5"	1	N	I/A			1	N/A		12	3/4	7 1/2			N/A					N/A					N/A			36	13/16 x 1	36	25	3/8	1779	456	1770	457
31'-5"		- 1	I/A				N/A		11	3/4	7 1/2			N/A					N/A					N/A			36	13/16 x 1	36	23	3/8	1887	472	1879	472
32'-5"			I/A				N/A		10	3/4	7 1/2			N/A					N/A					N/A			36	13/16 x 1	36	22	3/8	1997	487	1988	487
33'-5"			I/A				N/A		10	3/4	7 1/2			N/A					N/A					N/A			36	13/16 x 1	36	21	3/8	2106	502	2098	502
34'-5"			I/A				N/A		9	3/4	7 1/2	V		N/A					N/A					N/A			36	13/16 x 1	36	20	3/8	2217	517	2208	518
35'-5"			I/A				N/A		9	3/4	7 1/2			N/A	-				N/A					N/A			35	13/16 x 1	35	19	3/8	2328	533	2319	533
36'-5"			I/A				N/A		9	3/4	7 1/2	-		N/A					N/A					N/A			33	13/16 x 1	33	18	3/8	2440	548	2432	548
37'-5"			I/A			1	N/A		8	3/4	7 1/2			N/A			1		N/A					N/A			32	13/16 x 1	32	17	3/8	2553	563	2544	564
38'-5"		- 1	N/A			- 1	N/A		8	3/4	7 1/2			N/A					N/A					N/A			30	13/16 x 1	30	16	3/8	2667	578	2658	579
39'-5"			N/A			1	N/A		8	3/4	7 1/2			N/A					N/A					N/A			29	13/16 x 1	29	16	3/8	2782	594	2773	594
40'-5"			N/A				N/A		7	3/4	7 1/2			N/A					N/A					N/A			28	13/16 x 1	28	15	3/8	2897	609	2889	610





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0.000 = +/- 0.031 FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG

INSULATED ROLLING STEEL DOOR
CP0001/CP0651 SLAT NON-IMPACT RATED

TJE B AS NOTED 21/58

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

							CP00	01/CP0651	- 0.0236/0	.0220 Minim		ess Galvania											
											Concre	te Minimum	3,000 PSI	Compressive	e Strength (Anchors are	the same o	liameter as	assembly fa	steners)			
DBG	Windlock		T C.	Guide	Windlock	Assembly	Assembly		Hilti Kv	vik Bolt 3		11 7	Simpson	Wedge All			Red Head	d Tru-Bolt			Powers V	Vedge-Bolt	
Up To	Flat Location	Slip	Windlock	Assembly	Weld Pitch	Fastener Diameter	Fastener Spacing	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Eage Dist
5'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	19	2 5/8	3 15/16	5 3/4	19	3	4 1/2	5 3/4	15	2	3	5 3/4
6'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	16	2 5/8	3 15/16	5 3/4	16	3	4 1/2	5 3/4	12	2	3	5 3/4
7'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	14	2 5/8	3 15/16	5 3/4	14	3	4 1/2	5 3/4	11	2	3	5 3/4
8'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	22	2 3/8	4	5 3/4	12	2 5/8	3 15/16	5 3/4	12	3	4 1/2	5 3/4	9	2	3	5 3/4
9'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	8	2 3/8	4	5 3/4	11	2 5/8	3 15/16	5 3/4	11	3	4 1/2	5 3/4	8	2	3	5 3/4
10'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	7	2 3/8	5	5 3/4	10	2 5/8	3 15/16	5 3/4	10	3	4 1/2	5 3/4	7	2	3	5 3/4
11'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		1	I/A		9	2 5/8	3 15/16	5 3/4	9	3	4 1/2	5 3/4	7	2	3	5 3/4
13'-5"	1 3/8	0.594	CP0629	344	12	3/8	18	36	2 3/8	4	5 3/4	14	2 5/8	3 15/16	5 3/4	14	3	4 1/2	5 3/4	11	2 1/2	3 3/4	5 3/4
14'-5"	1 1/2	0.719	CP0629	344	12	3/8	16			I/A		10	2 5/8	3 15/16	5 3/4	10	3	4 1/2	5 3/4	6	2	3	5 3/4
15'-5"	1 1/2	0.719	CP0629	344	12	3/8	12			I/A	and the same	7	2 5/8	3 15/16	5 3/4	7	3	4 1/2	5 3/4	4	2	3	5 3/4
16'-5"	1 3/4	0.969	CP0629	445	12	1/2	18	36	3 5/8	6	6 13/16	15	4 1/2	6 3/4	6 13/16	12	4 1/8	6 3/16	6 13/16	7	2 1/2	3 3/4	6 13/16
17'-5"	1 7/8	1.094	CP0629	445	11	1/2	18	36	3 5/8	6	6 13/16	13	4 1/2	6 3/4	6 13/16	11	4 1/8	6 3/16	6 13/16	6	2 1/2	3 3/4	6 13/16
18'-5"	2	1.156	CP0630	445	10	1/2	17	36	3 5/8	8	6 13/16	11	4 1/2	6 3/4	6 13/16	9	4 1/8	6 3/16	6 13/16	8	3 1/2	5 1/4	6 13/16
19'-5"	2	1.156	CP0630	445	9	1/2	15		. 1	I/A		10	4 1/2	6 3/4	6 13/16	8	4 1/8	6 3/16	6 13/16	7	3 1/2	5 1/4	6 13/16
20'-5"	2	1.156	CP0630	445	9	1/2	13		1	N/A		9	4 1/2	6 3/4	6 13/16	7	4 1/8	6 3/16	6 13/16	6	3 1/2	5 1/4	6 13/16
21'-5"	2	1.156	CP0630 & CP0647	446	8	5/8	18		1	N/A		11	4 1/2	6 3/4	6 7/8		N	/A		9	5	7 1/2	6 7/8
22'-5"	2	1.156	CP0630 & CP0647	446	8	5/8	18		1	N/A		10	4 1/2	6 3/4	6 7/8			I/A		9	5	7 1/2	6 7/8
23'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	16		- 1	N/A		9	4 1/2	6 3/4	6 7/8		N	/A		8	5	7 1/2	6 7/8
24'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	15		- 1	N/A		8	4 1/2	6 3/4	6 7/8		N	I/A		7	5	7 1/2	6 7/8
25'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	14		- 1	N/A		7	4 1/2	6 3/4	6 7/8		N	I/A			1	N/A	
26'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18		- 1	N/A		11	5	7 1/2	7 1/2	12	6 5/8	9 15/16	7 1/2		- 1	N/A	
27'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18			N/A		10	5	7 1/2	7 1/2	11	6 5/8	9 15/16	7 1/2		1	N/A	
28'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18		- 1	N/A		10	5	7 1/2	7 1/2	11	6 5/8	9 15/16	7 1/2		1	N/A	
29'-5"	2 1/2	1.656	CP0630 & CP0647	548	6	3/4	18		-	N/A		9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2		1	N/A	
30'-5"	2 1/2	1.656	CP0630 & CP0647	548	6	3/4	17	()	- 1	N/A		8	5	7 1/2	7 1/2	9	6 5/8	9 15/16	7 1/2			N/A	
31'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	16		- 1	N/A		8	5	7 1/2	7 1/2	8	6 5/8	9 15/16	7 1/2		1	N/A	
32'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	16	N .		N/A		8	5	7 1/2	7 1/2	6	6 5/8	9 15/16	7 1/2			N/A	
33'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	15			N/A		7	5	7 1/2	7 1/2	5	6 5/8	9 15/16	7 1/2		- 1	N/A	





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INSULATED ROLLING STEEL DOOR
CP0001/CP0651 SLAT NON-IMPACT RATED

DRAWN BY: SIZE: SCALE: SHEET:

TJE B AS NOTED 22/58

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

	_												С	P0001/CP06	51 - 0.0236	/0.0220 M	inimum Thic	kness Galv	anized or S	tainless Ste	el - 40 PSF,	Cont.													
						Filled CM	U									(Cracked Cond	rete Minin	num 3,000 l	SI Compre	ssive Streng	th					Steel (W	all anchors are	the same d fasteners)	liameter as a	ssembly		Cunneiman	acad Lands	
DBG		Hilti Kw	ik Bolt 3		1	Simpson S	Strong-Bolt	2	Т	hrough Bol	t		Hi	lti Kwik Bolt	TZ			Simp	son Strong-	Bolt 2			ITW	Redhead Tr	ubolt+		w	elded	Through Bolt	Тар	ped		Superimpo	osed Loads	
Uр То	Max O.C.	Dia.	Embed	Edge Dist	Max O.C.	Dia.	Embed	Edge Dist	Max. O.C.	Dia.	Edge Distance	Max O.C.	Dia.	Embed.	Min Wall Thick.	Edge Dist	Max O.C.	Dia.	Embed.	Min Wall Thick	Edge Dist	Max O.C.	Dia.	Embed.	Min Wall Thick.	Edge Dist	Max O.C.	Slot Size	Max O.C.	Max O.C.	Min. Thickness	Vx (+)	Vy (+)	Vx (-)	Vy (-)
5'-5"	10	3/8	2 1/2	5 3/4	9	1/2	3 1/2	5 3/4	19	3/8	5 3/4	12 5/8	3/8	2 5/16	5	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	16 1/4	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	110	0	109
6'-5"	9	3/8	2 1/2	5 3/4	15	3/4	5 1/4	5 3/4	16	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	130	0	129
7'-5"	8	3/8	2 1/2	5 3/4	13	3/4	5 1/4	5 3/4	14	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	16 1/4	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	150	0	149
8'-5"	8	1/2	3 1/2	5 3/4	11	3/4	5 1/4	5 3/4	12	3/8	5 3/4	19	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	22 3/4	1/2	3 3/4	8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	170	0	169
9'-5"	8	3/4	3 1/4	5 3/4	10	3/4	5 1/4	5 3/4	11	3/8	5 3/4	36	1/2	3 5/8	8	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	3/4	4 3/8	7	5 3/4	36	7/16 x 5/8	36	36	3/16	0	190	0	189
10'-5"	12	3/4	4 3/8	5 3/4	9	3/4	5 1/4	5 3/4	10	3/8	5 3/4	19	1/2	3 5/8	8	5 3/4	16 1/4	1/2	3 7/8	6	5 3/4	36	3/4	4 3/8	7	5 3/4	36	7/16 x 5/8	36	36	3/16	0	210	0	209
11'-5"	11	3/4	4 3/8	5 3/4	8	3/4	5 1/4	5 3/4	9	3/8	5 3/4	36	3/4	5 9/16	8	5 3/4	22 3/4	3/4	4 1/8	6 3/4	5 3/4	22 3/4	3/4	4 3/8	7	5 3/4	36	7/16 x 5/8	36	36	3/16	0	230	0	229
13'-5"	8	3/8	2 1/2	5 3/4	12	3/4	5 1/4	5 3/4	14	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	22 3/4	1/2	3 3/4	6	5 3/4	28	7/16 x 5/8	28	18	3/16	362	270	333	269
14'-5"	8	3/4	3 1/4	5 3/4	9	3/4	5 1/4	5 3/4	10	3/8	5 3/4	28 1/2	1/2	3 5/8	8	5 3/4	22 3/4	1/2	3 7/8	6	5 3/4	36	3/4	4 3/8	7	5 3/4	21	7/16 x 5/8	21	13	3/16	500	290	476	289
15'-5"	8	3/4	4 3/8	5 3/4		1	N/A		7	3/8	5 3/4	36	3/4	5 9/16	8	5 3/4	36	3/4	5 3/4	8 3/4	5 3/4	19	3/4	4 3/8	8	5 3/4	14	7/16 x 5/8	14	9	3/16	739	310	718	310
16'-5"	9	3/4	4 3/8	6 13/16		1	N/A		15	1/2	6 13/16	36	3/4	5 9/16	8	6 13/16	36	3/4	5 3/4	8 3/4	6 13/16	28 1/2	3/4	4 3/8	8	6 13/16	33	9/16 x 3/4	33	18	1/4	739	329	724	329
17'-5"	8	3/4	4 3/8	6 13/16			N/A		13	1/2	6 13/16	36	3/4	5 9/16	8	6 13/16	36	3/4	5 3/4	8 3/4	6 13/16			N/A			29	9/16 x 3/4	_	16	1/4	846	348	832	349
18'-5"			/A		-		N/A		11	1/2	6 13/16			N/A					N/A					N/A			25	9/16 x 3/4		14	1/4	985	368	973	369
19'-5"			/A				N/A		10	1/2	6 13/16			N/A					N/A					N/A			21	9/16 x 3/4	-	11	1/4	1157	388	1145	389
20'-5"			/A				N/A		9	1/2	6 13/16			N/A					N/A					N/A			18	9/16 x 3/4	-	10	1/4	1325	408	1313	409
21'-5"			/A				N/A		11	5/8	6 7/8			N/A					N/A					N/A			25	11/16 x 7/8	25	14	5/16	1490	429	1478	430
22'-5"		_	/A				N/A		10	5/8	6 7/8			N/A					N/A					N/A			22	11/16 x 7/8		12	5/16	1653	449	1641	450
23'-5"			/A				N/A		9	5/8	6 7/8			N/A					N/A					N/A			20	11/16 x 7/8	_	11	5/16	1815	469	1804	470
24'-5"			/A				N/A		8	5/8	6 7/8	-		N/A			100		N/A					N/A			19	11/16 x 7/8	-	10	5/16	1977	489	1965	490
25'-5"			/A			_	N/A		7	5/8	6 7/8			N/A					N/A					N/A			17	11/16 x 7/8	-	9	5/16	2138	510	2127	511
26'-5"		_	/A				N/A		11	3/4	7 1/2			N/A					N/A					N/A			36	13/16 x 1	36	23	3/8	1876	528	1865	529
27'-5"			/A				N/A		10	3/4	7 1/2			N/A					N/A					N/A			36	13/16 x 1	36	22	3/8	2014	548	2003	549
28'-5"			/A				N/A		10	3/4	7 1/2			N/A					N/A					N/A			36	13/16 x 1	36	20	3/8	2153	569	2142	569
29'-5"			/A				N/A		9	3/4	7 1/2			N/A			-		N/A			-		N/A			35	13/16 x 1	35	19	3/8	2292	589	2281	589
30'-5"			/A				N/A		8	3/4	7 1/2			N/A					N/A					N/A			33	13/16 x 1	33	18	3/8	2432	609	2421	610
31'-5"			/A				N/A		8	3/4	7 1/2			N/A					N/A					N/A			31	13/16 x 1	31	17	3/8	2573	629	2562	630
32'-5"			I/A				N/A		8	3/4	7 1/2	2		N/A					N/A					N/A			30	13/16 x 1	30	16	3/8	2715	650	2704	650
33'-5"		N	I/A			_ 1	N/A		7	3/4	7 1/2			N/A					N/A					N/A			28	13/16 x 1	28	15	3/8	2858	670	2847	671





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0.000 = +/- 0.031 FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG

INSULATED ROLLING STEEL DOOR
CP0001/CP0651 SLAT NON-IMPACT RATED

TJE B AS NOTED 23/58

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

							CP00	01/CP0651 -	0.0236/0.	.0220 Minin	num Thickn	ess Galvania	ed or Stain	less Steel -	50 PSF								
		11									Concret	te Minimum	3,000 PSI (Compressive	e Strength (Anchors are	the same of	diameter as	assembly fa	steners)			
DBG	Windlock	1.7.		Guide	Windlock	Assembly	Assembly		Hilti Kw	vik Bolt 3			Simpson	Wedge All		11. 12.3	Red Hea	d Tru-Bolt			Powers V	Vedge-Bolt	
Up To	Flat Location	Slip	Windlock	Assembly	Weld Pitch	Fastener Diameter	Fastener Spacing	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dis
5'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	15	2 5/8	3 15/16	5 3/4	15	3	4 1/2	5 3/4	12	2	3	5 3/4
6'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	28	2 3/8	4	5 3/4	12	2 5/8	3 15/16	5 3/4	13	3	4 1/2	5 3/4	10	2	3	5 3/4
7'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	9	2 3/8	4	5 3/4	11	2 5/8	3 15/16	5 3/4	11	3	4 1/2	5 3/4	8	2	3	5 3/4
8'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	I/A		9	2 5/8	3 15/16	5 3/4	10	3	4 1/2	5 3/4	7	2	3	5 3/4
9'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	I/A		8	2 5/8	3 15/16	5 3/4	9	3	4 1/2	5 3/4	7	2	3	5 3/4
10'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		_ N	I/A		8	2 5/8	3 15/16	5 3/4	8	- 3	4 1/2	5 3/4	6	2	3	5 3/4
13'-5"	1 5/16	0.532	CP0629	344	11	3/8	12		N	I/A		7	2 5/8	3 15/16	5 3/4	7	3	4 1/2	5 3/4	5	2 1/2	3 3/4	5 3/4
14'-5"	1 3/8	0.531	CP0630	445	9	1/2	17	28	3 5/8	8	6 13/16	11	4 1/2	6 3/4	6 13/16	9	4 1/8	6 3/16	6 13/16	7	3 1/2	5 1/4	6 13/16
15'-5"	1 1/2	0.656	CP0630	445	9	1/2	15		N	I/A		10	4 1/2	6 3/4	6 13/16	8	4 1/8	6 3/16	6 13/16	7	3 1/2	5 1/4	6 13/16
16'-5"	1 5/8	0.781	CP0630	445	9	1/2	14		N	I/A		9	4 1/2	6 3/4	6 13/16	7	4 1/8	6 3/16	6 13/16	6	3 1/2	5 1/4	6 13/16
17'-5"	1 7/8	1.031	CP0630	445	9	1/2	14		N	I/A		9	4 1/2	6 3/4	6 13/16	7	4 1/8	6 3/16	6 13/16	6	3 1/2	5 1/4	6 13/16
18'-5"	2	1.156	CP0630	445	8	1/2	13		N	I/A		8	4 1/2	6 3/4	6 13/16	7	4 1/8	6 3/16	6 13/16	7	4	6	6 13/16
19'-5"	2	1.156	CP0630 & CP0647	446	8	5/8	18		N	I/A		10	4 1/2	6 3/4	6 7/8			I/A		9	5	7 1/2	6 7/8
20'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	16		- N	I/A		9	4 1/2	6 3/4	6 7/8		- 1	I/A		8	5	7 1/2	6 7/8
21'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	15		N	I/A		8	4 1/2	6 3/4	6 7/8		- 1	I/A		7	5	7 1/2	6 7/8
22'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18	28	5 5/8	8	7 1/2	12	5	7 1/2	7 1/2	13	6 5/8	9 15/16	7 1/2		N	I/A	
23'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18		N	I/A		11	5	7 1/2	7 1/2	12	6 5/8	9 15/16	7 1/2		1	I/A	
24'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18		N	I/A		10	5	7 1/2	7 1/2	11	6 5/8	9 15/16	7 1/2		- 1	I/A	
25'-5"	2 1/2	1.656	CP0630 & CP0647	548	6	3/4	18			I/A		9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2			I/A	
26'-5"	2 1/2	1.656	CP0630 & CP0647	548	6	3/4	17		N	I/A		8	5	7 1/2	7 1/2	9	6 5/8	9 15/16	7 1/2		٨	I/A	
27'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	16		N	I/A		8	5	7 1/2	7 1/2	7	6 5/8	9 15/16	7 1/2		1	V/A	
28'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	15		٨	I/A		7	5	7 1/2	7 1/2	6	6 5/8	9 15/16	7 1/2			I/A	





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INSULATED ROLLING STEEL DOOR
CP0001/CP0651 SLAT NON-IMPACT RATED

TJE B AS NOTED 24/58

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

_					3	illed CMU	J					Steel (Wa	all anchors are	the same of	liameter as	assembly			2000	
DBG		Hilti Kv	vik Bolt 3			Simpson S	trong-Bolt 2		т	hrough Bo	lt	W	elded	Through Bolt	Тар	ped		Superimpo	osed Loads	
Up To	Max O.C.	Dia.	Embed	Edge Dist	Max O.C.	Dia.	Embed	Edge Dist	Max. O.C.	Dia.	Edge Distance	Max O.C.	Slot Size	Max O.C.	Max O.C.	Min. Thickness	Vx (+)	Vy (+)	Vx (-)	Vy (-)
5'-5"	8	3/8	2 1/2	5 3/4	14	3/4	5 1/4	5 3/4	15	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	138	0	136
6'-5"	8	1/2	3 1/2	5 3/4	12	3/4	5 1/4	5 3/4	12	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	163	0	161
7'-5"	8	3/4	3 1/4	5 3/4	10	3/4	5 1/4	5 3/4	11	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	188	0	186
8'-5"	11	3/4	4 3/8	5 3/4	9	3/4	5 1/4	5 3/4	9	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	213	0	211
9'-5"	10	3/4	4 3/8	5 3/4	8	3/4	5 1/4	5 3/4	8	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	238	0	236
10'-5"	9	3/4	4 3/8	5 3/4		٨	I/A		8	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	263	0	261
13'-5"	8	3/4	4 3/8	5 3/4			I/A		7	3/8	5 3/4	13	7/16 x 5/8	13	9	3/16	781	338	748	337
14'-5"			I/A				N/A		11	1/2	6 13/16	22	9/16 x 3/4	22	12	1/4	1100	362	1072	363
15'-5"		1	I/A		Jun	1	N/A		10	1/2	6 13/16	20	9/16 x 3/4	20	11	1/4	1189	387	1165	388
16'-5"			I/A			I.	N/A		9	1/2	6 13/16	19	9/16 x 3/4	19	10	1/4	1283	412	1262	413
17'-5"		1	I/A				V/A		9	1/2	6 13/16	19	9/16 x 3/4	19	11	1/4	1252	436	1236	437
18'-5"		1	I/A				N/A		8	1/2	6 13/16	18	9/16 x 3/4	18	10	1/4	1356	460	1341	461
19'-5"			I/A			1	V/A		10	5/8	6 7/8	24	11/16 x 7/8	24	13	5/16	1558	485	1544	487
20'-5"		1	I/A		-		N/A		9	5/8	6 7/8	21	11/16 x 7/8	21	11	5/16	1757	511	1743	512
21'-5"			I/A				N/A		8	5/8	6 7/8	19	11/16 x 7/8	19	10	5/16	1954	536	1940	537
22'-5"		1	V/A		1	1	N/A		12	3/4	7 1/2	36	13/16 x 1	36	25	3/8	1735	560	1722	560
23'-5"		1	I/A			1	N/A		11	3/4	7 1/2	36	13/16 x 1	36	23	3/8	1903	585	1889	585
24'-5"		- 1	N/A				N/A		10	3/4	7 1/2	36	13/16 x 1	36	21	3/8	2070	610	2056	610
25'-5"		- 1	N/A			1	N/A		9	3/4	7 1/2	36	13/16 x 1	36	19	3/8	2237	635	2224	636
26'-5"		- 1	N/A				N/A		8	3/4	7 1/2	34	13/16 x 1	34	18	3/8	2405	661	2391	661
27'-5"		- 1	N/A			1	N/A		8	3/4	7 1/2	31	13/16 x 1	31	17	3/8	2573	686	2560	686
28'-5"		1	V/A			1	N/A		7	3/4	7 1/2	29	13/16 x 1	29	16	3/8	2743	711	2729	712





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WIND LOAD CONFIGURATION INSULATED ROLLING STEEL DOOR CP0001/CP0651 SLAT NON-IMPACT RATED

TJE B DWG NO: ES-16-65-TCCI SCALE: SHEET: SIZE: AS NOTED 25/58

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

							CP00	01/CP0651 -	0.0236/0.	.0220 Minim	30-11-2-1-1-1				-								
											Concret	te Minimum	3,000 PSI (Compressiv	e Strength (Anchors are	the same	diameter as	assembly fa	steners)			
DBG	Windlock	1.0		Guide	Windlock	Assembly	Assembly		Hilti Kw	rik Bolt 3			Simpson	Wedge All			Red Hea	d Tru-Bolt			Powers V	Wedge-Bolt	
Up To	Flat Location	Slip	Windlock	Assembly	Weld Pitch	Fastener Diameter	Fastener Spacing	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dis
5'-5"	N/A	N/A	N/A	344*	N/A	3/8	24 .	28	2 3/8	4	5 3/4	12	2 5/8	3 15/16	5 3/4	13	3	4 1/2	5 3/4	10	2	3	5 3/4
6'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	16	2 3/8	5	5 3/4	10	2 5/8	3 15/16	5 3/4	11	3	4 1/2	5 3/4	8	2	3	5 3/4
7'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	I/A		9	2 5/8	3 15/16	5 3/4	9	3	4 1/2	5 3/4	7	2	3	5 3/4
8'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	I/A		8	2 5/8	3 15/16	5 3/4	8	3	4 1/2	5 3/4	6	2	3	5 3/4
9'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	I/A		7	2 5/8	3 15/16	5 3/4	7	3	4 1/2	5 3/4	5	2	3	5 3/4
14'-5"	1 3/8	0.531	CP0630 & CP0647	445	8	1/2	13		N	I/A		8	4 1/2	6 3/4	6 13/16	6	4 1/8	6 3/16	6 13/16	7	4	6	6 13/16
15'-5"	1 7/16	0.594	CP0630 & CP0647	446	8	5/8	18	N/A			10	4 1/2	6 3/4	6 7/8			V/A		9	5	7 1/2	6 7/8	
16'-5"	1 1/2	0.656	CP0630 & CP0647	546	7	5/8	16		N	I/A		9	4 1/2	6 3/4	6 7/8			V/A		8	5	7 1/2	6 7/8
17'-5"	1 5/8	0.781	CP0630 & CP0647	546	7	5/8	15		N	I/A		8	4 1/2	6 3/4	6 7/8		1	V/A		7	5	7 1/2	6 7/8
18'-5"	1 3/4	0.906	CP0630 & CP0647	546	7	5/8	15		N	I/A		8	4 1/2	6 3/4	6 7/8		1	N/A			. 1	N/A	
19'-5"	1 7/8	1.031	CP0630 & CP0647	546	7	5/8	14		N	I/A		7	4 1/2	6 3/4	6 7/8		1	N/A			- 1	N/A	
20'-5"	2 1/8	1.281	CP0630 & CP0647	548	7	3/4	18		N	I/A		10	5	7 1/2	7 1/2	11	6 5/8	9 15/16	7 1/2			N/A	
21'-5"	2 1/4	1.406	CP0630 & CP0647	548	7	3/4	18		N	I/A		10	5	7 1/2	7 1/2	11	6 5/8	9 15/16	7 1/2		1	N/A	
22'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18	N/A N/A			9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2		1	N/A		
23'-5"	2 1/2	1.656	CP0630 & CP0647	548	6	3/4	17	N/A			9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2		1	N/A		
24'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	16	N/A N/A			8	5	7 1/2	7 1/2	7	6 5/8	9 15/16	7 1/2		1	N/A		
25'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	15		N	I/A		7	5	7 1/2	7 1/2	6	6 5/8	9 15/16	7 1/2		1	N/A	

						CP0001	/CP0651 - 0	1.0236/0.02	20 Minimum	Thickness	Galvanize	or Stainles	s Steel - 60 PS	F, Cont.						
					F	Filled CMU						Steel (Wa	all anchors are	the same of asteners)	liameter as	assembly		Superimpo	osed Loads	
DBG		Hilti K	vik Bolt 3		9	Simpson St	trong-Bolt 2		TH	rough Bol	t	W	elded	Through Bolt	Тар	ped		Superimpo	osco codos	
Up To	Max O.C.	Dia.	Embed	Edge Dist	Max O.C.	Dia.	Embed	Edge Dist	Max. O.C.	Dia.	Edge Distance	Max O.C.	Slot Size	Max O.C.	Max O.C.	Min. Thickness	Vx (+)	Vy (+)	Vx (-)	Vy (-)
5'-5"	8	1/2	3 1/2	5 3/4	11	3/4	5 1/4	5 3/4	12	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	165	0	163
6'-5"	8	3/4	3 1/4	5 3/4	10	3/4	5 1/4	5 3/4	10	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	195	0	193
7'-5"	11	3/4	4 3/8	5 3/4	8	3/4	5 1/4	5 3/4	9	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	225	0	223
8'-5"	9	3/4	4 3/8	5 3/4		N	/A		8	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	255	0	253
9'-5"	8	3/4	4 3/8	5 3/4		N	/A		7	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	285	0	283
14'-5"			N/A		1	N	/A		8	1/2	6 13/16	16	9/16 x 3/4	16	9	1/4	1486	435	1454	436
15'-5"			N/A		1	N	/A		10	5/8	6 7/8	22	11/16 x 7/8	22	12	5/16	1691	465	1661	466
16'-5"		- 1	N/A			N	I/A		9	5/8	6 7/8	20	11/16 x 7/8	20	11	5/16	1880	495	1853	496
17'-5"			N/A			N	I/A		8	5/8	6 7/8	19	11/16 x 7/8	19	10	5/16	1948	525	1924	526
18'-5"			N/A			N	I/A		8	5/8	6 7/8	18	11/16 x 7/8	18	10	5/16	2024	554	2003	556
19'-5"			N/A			N	/A		7	5/8	6 7/8	17	11/16 x 7/8	17	9	5/16	2106	584	2087	585
20'-5"			N/A			N	I/A		10	3/4	7 1/2	36	13/16 x 1	36	21	3/8	2065	614	2043	614
21'-5"			N/A			N	I/A		10	3/4	7 1/2	36	13/16 x 1	36	20	3/8	2160	643	2140	643
22'-5"			N/A			N	I/A		9	3/4	7 1/2	36	13/16 x 1	36	20	3/8	2149	672	2133	672
23'-5"		- 11	N/A		-	1	I/A		9	3/4 /	7 1/2	34	13/16 x 1	34	18	3/8	2344	702	2329	703
24'-5"			N/A			N	I/A		8	3/4	7 1/2	32	13/16 x 1	32	17	3/8	2540	732	2524	733
25'-5"			N/A			N	I/A		7	8/4	7 1/2	29	13/16 x 1	29	16	3/8	2736	763	2721	763





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0.000 = +/- 0.031 FRACTIONAL = +/- 1/32

INSULATED ROLLING STEEL DOOR
CP0001/CP0651 SLAT NON-IMPACT RATED

 COM
 ANGLES = +/- 1/2 DEG

 DRAWN BY:
 SIZE:
 SCALE:
 SHEET:

 TJE
 B
 AS NOTED 26/58

Unless otherwise specified,

dimensions are in inches &

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

					1		CP000				Concret	e Minimum	3.000 PSI	Compressive	Strength (Anchors are	the same o	diameter as a	assembly fa	steners)			
DDG	Windlock	1		6.11	Windlock	Assembly	Assembly		Hilti Kw	rik Bolt 3				Wedge All		/-		d Tru-Bolt			Powers V	Vedge-Bolt	
DBG Up To	Flat Location	Slip	Windlock	Guide Assembly	Weld Pitch		Fastener Spacing	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min, Wall Thick.	Edge Dist
5'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	16	2 3/8	4	5 3/4	11	2 5/8	3 15/16	5 3/4	12	3	4 1/2	5 3/4	9	2	3	5 3/4
6'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	6	2 3/8	5	5 3/4	9	2 5/8	3 15/16	5 3/4	10	3	4 1/2	5 3/4	7	2	3	5 3/4
7'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	/A		8	2 5/8	3 15/16	5 3/4	8	3	4 1/2	5 3/4	6	2	3	5 3/4
8'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	/A		7	2 5/8	3 15/16	5 3/4	7	3	4 1/2	5 3/4	6	2	3	5 3/4
14'-5"	1 5/16	0.469	CP0630 & CP0647	446	7	5/8	17		N	I/A		9	4 1/2	6 3/4	6 7/8		N	/A		8	5	7 1/2	6 7/8
15'-5"	1 3/8	0.531	CP0630 & CP0647	546	7	5/8	15		N	/A		8	4 1/2	6 3/4	6 7/8			I/A		7	5	7 1/2	6 7/8
16'-5"	1 1/2	0.656	CP0630 & CP0647	546	7	5/8	15		N	I/A		8	4 1/2	6 3/4	6 7/8		N	I/A			N	V/A	
17'-5"	1 1/2	0.656	CP0630 & CP0647	548	6	3/4	18		N	/A		9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2		1	V/A	
18'-5"	1 5/8	0.781	CP0630 & CP0647	548	6	3/4	18		N	I/A		9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2		N	N/A	
19'-5"	1 3/4	0.906	CP0630 & CP0647	548	6	3/4	18		N	I/A		8	5	7 1/2	7 1/2	9	6 5/8	9 15/16	7 1/2		1	V/A	
20'-5"	1 7/8	1.031	CP0630 & CP0647	548	6	3/4	17		N	I/A		8	5	7 1/2	7 1/2	8	6 5/8	9 15/16	7 1/2		1	N/A	
21'-5"	2	1.156	CP0630 & CP0647	648	6	3/4	16	N/A N/A			8	5	7 1/2	7 1/2	7	6 5/8	9 15/16	7 1/2			V/A		
22'-5"	2 1/4	1.406	CP0630 & CP0647	648	6	3/4	16	N/A			8	5	7 1/2	7 1/2	7	6 5/8	9 15/16	7 1/2			N/A		
23'-5"	2 3/8	1.531	CP0630 & CP0647	648	6	3/4	15	N/A N/A			8	5	7 1/2	7 1/2	6	6 5/8	9 15/16	7 1/2		1	N/A		
24'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	15		N	I/A		7	5	7 1/2	7 1/2	5	6 5/8	9 15/16	7 1/2		1	V/A	

						Filled CMU	9					Steel (Wa	all anchors are	the same d asteners)	liameter as	assembly		Superimpo	sed Loads	
DBG		Hilti K	vik Bolt 3			Simpson S	trong-Bolt 2	2	TI	hrough Bo	ilt	W	elded	Through Bolt	Тар	pped		Supermipo	3500 10003	
Up To	Max O.C.	Dia.	Embed	Edge Dist	Max O.C.	Dia.	Embed	Edge Dist	Max. O.C.	Dia.	Edge Distance	Max O.C.	Slot Size	Max O.C.	Max O.C.	Min. Thickness	Vx (+)	Vy (+)	Vx (-)	Vy (-)
5'-5"	8	3/4	3 1/4	5 3/4	10	3/4	5 1/4	5 3/4	11	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	179	0	177
6'-5"	12	3/4	4 3/8	5 3/4	9	3/4	5 1/4	5 3/4	9	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	212	0	209
7'-5"	10	3/4	4 3/8	5 3/4	8	3/4	5 1/4	5 3/4	8	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	244	0	242
8'-5"	9	3/4	4 3/8	5 3/4		N	/A		7	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	277	0	274
14'-5"		- 1	N/A			N	/A		9	5/8	6 7/8	20	11/16 x 7/8	20	11	5/16	1844	472	1806	473
15'-5"		1	N/A			N	/A		8	5/8	6 7/8	18	11/16 x 7/8	18	10	5/16	2044	505	2010	506
16'-5"		- 1	V/A			N	/A		8	5/8	6 7/8	18	11/16 x 7/8	18	9	5/16	2090	536	2060	538
17'-5"		- 1	V/A			N	/A		9	3/4	7 1/2	33	13/16 x 1	33	18	3/8	2423	571	2383	571
18'-5"			N/A			N	/A		9	3/4	7 1/2	33	13/16 x 1	33	18	3/8	2463	603	2428	603
19'-5"			N/A			N	I/A		8	3/4	7 1/2	32	13/16 x 1	32	17	3/8	2521	635	2489	635
20'-5"		- 9	N/A			N	I/A		8	3/4	7 1/2	31	13/16 x 1	31	17	3/8	2588	667	2559	667
21'-5"			N/A			N	I/A		8	3/4	7 1/2	30	13/16 x 1	30	16	3/8	2662	699	2636	699
22'-5"			N/A			N	I/A		8	3/4	7 1/2	31	13/16 x 1	31	17	3/8	2595	730	2574	730
23'-5"			N/A			N	I/A		8	3/4	7 1/2	30	13/16 x 1	30	16	3/8	2685	762	2666	762
24'-5"		- 11	N/A			٨	I/A		7	3/4 /	7 1/2	29	13/16 x 1	29	16	3/8	2775	794	2758	794





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Unless otherwise specified, dimensions are in inches & tolerances are:

0.000 = +/- 0.031FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG

WIND LOAD CONFIGURATION **INSULATED ROLLING STEEL DOOR** CP0001/CP0651 SLAT NON-IMPACT RATED

DRAWN BY: SCALE: SHEET: AS NOTED 27/58 SIZE: В DWG NO: ES-16-65-TCCI

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

							CPUUU	1/CP0651 -	0.0236/0.0	JZZU MINIM	um inickne	ess Galvaniz	ed or Stain	iless Steel -	70 PSF								
											Concret	e Minimum	3,000 PSI	Compressive	e Strength (A	Anchors are	the same d	liameter as	assembly fa	steners)			
DBG	Windlock			Guide	Windlock	Assembly	Assembly		Hilti Kw	rik Bolt 3			Simpson	Wedge All			Red Head	Tru-Bolt		-		/edge-Bolt	
Up To	Flat Location	Slip	Windlock	Assembly	Weld Pitch	Fastener Diameter	Fastener Spacing	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min, Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Di
5'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	6	2 3/8	4	5 3/4	10	2 5/8	3 15/16	5 3/4	11	3	4 1/2	5 3/4	8	2	3	5 3/4
6'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	/A.		9	2 5/8	3 15/16	5 3/4	9	3	4 1/2	5 3/4	7	2	3	5 3/4
7'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	/A		8	2 5/8	3 15/16	5 3/4	8	3	4 1/2	5 3/4	6	2	3	5 3/4
8'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	/A.		7	2 5/8	3 15/16	5 3/4	7	3	4 1/2	5 3/4	5	2	3	5 3/4
15'-5"	1 5/16	0.469	CP0630 & CP0647	548	6	3/4	18		N	/A		9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2		N	/A	
16'-5"	1 3/8	0.531	CP0630 & CP0647	548	6	3/4	18				8	5	7 1/2	7 1/2	9	6 5/8	9 15/16	7 1/2		N	/A		
17'-5"	1 7/16	0.594	CP0630 & CP0647	548	6	3/4	17				8	5	7 1/2	7 1/2	7	6 5/8	9 15/16	7 1/2		N	/A		

						Filled CMU	1					Steel (Wa	all anchors are	the same d fasteners)	iameter as	assembly		Superimpo	sheet bear	
DBG		Hilti K	wik Bolt 3			Símpson S	trong-Bolt 2	2	T	hrough Bo	olt	W	elded	Through Bolt	Тар	ped		Superimpo	iseu coaus	
Up To	Max O.C.	Dia.	Embed	Edge Dist	Max O.C.	Dia.	Embed	Edge Dist	Max. O.C.	Dia.	Edge Distance	Max O.C.	Slot Size	Max O.C.	Max O.C.	Min. Thickness	Vx (+)	Vy (+)	Vx (-)	Vy (-)
5'-5"	8	3/4	3 1/4	5 3/4	10	3/4	5 1/4	5 3/4	10	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	193	0	190
6'-5"	11	3/4	4 3/8	5 3/4	8	3/4	5 1/4	5 3/4	9	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	228	0	225
7'-5"	9	3/4	4 3/8	5 3/4		N	I/A		8	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	263	0	260
8'-5"	8	3/4	4 3/8	5 3/4		N	I/A		- 7	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	298	0	295
15'-5"			N/A			N	I/A		9	3/4	7 1/2	33	13/16 x 1	33	18	3/8	2469	546	2416	546
16'-5"		- 1	N/A			N	I/A		8	3/4	7 1/2	31	13/16 x 1	31	16	3/8	2648	581	2599	582
17'-5"			N/A			٨	I/A		8	3/4	7 1/2	29	13/16 x 1	29	15	3/8	2821	616	2775	617





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0.000 = +/- 0.031FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG

WIND LOAD CONFIGURATION INSULATED ROLLING STEEL DOOR CP0001/CP0651 SLAT NON-IMPACT RATED

TJE B AS NOTED:

DWG NO:
ES-16-65-TCCI SCALE: SHEET: AS NOTED 28/58

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

							CP00	01/CP0651	0.0296/0	.0220 Minim	num Thickn	ess Galvania	ed or Stair	less Steel -	20 PSF								
		all 1 11				-	1				Concret	e Minimum	3,000 PSI (Compressive	e Strength (Anchors are	the same o	liameter as	assembly fa	steners)			
DBG	Windlock	Care S	1	Guide	Windlock	Assembly	Assembly		Hilti Kv	vik Bolt 3			Simpson	Wedge All			Red Head	d Tru-Bolt			Powers V	/edge-Bolt	
Up To	Flat Location	Slip	Windlock	Assembly	Weld Pitch	Fastener Diameter	Fastener Spacing	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist
5'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	36	2 5/8	3 15/16	5 3/4	36	3	4 1/2	5 3/4	30	2	3	5 3/4
6'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	32	2 5/8	3 15/16	5 3/4	33	3	4 1/2	5 3/4	25	2	3	5 3/4
7'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	28	2 5/8	3 15/16	5 3/4	28	3	4 1/2	5 3/4	22	2	3	5 3/4
8'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	24	2 5/8	3 15/16	5 3/4	25	3	4 1/2	5 3/4	19	2	3	5 3/4
9'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	22	2 5/8	3 15/16	5 3/4	22	3	4 1/2	5 3/4	17	2	3	5 3/4
10'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	20	2 5/8	3 15/16	5 3/4	20	3	4 1/2	5 3/4	15	2	3	5 3/4
11'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	18	2 5/8	3 15/16	5 3/4	18	3	4 1/2	5 3/4	14	2	3	5 3/4
12'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	16	2 5/8	3 15/16	5 3/4	17	3	4 1/2	5 3/4	13	2	3	5 3/4
13'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	15	2 5/8	3 15/16	5 3/4	16	3	4 1/2	5 3/4	12	2	3	5 3/4
14'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	14	2 5/8	3 15/16	5 3/4	14	3	4 1/2	5 3/4	11	2	3	5 3/4
15'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	13	2 5/8	3 15/16	5 3/4	13	3	4 1/2	5 3/4	10	2	3	5 3/4
16'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	28	2 3/8	4	5 3/4	12	2 5/8	3 15/16	5 3/4	13	3	4 1/2	5 3/4	10	2	3	5 3/4
17'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	19	2 3/8	4	5 3/4	12	2 5/8	3 15/16	5 3/4	12	3	4 1/2	5 3/4	9	2	3	5 3/4
18'-5"	1 1/2	0.719	CP0629	344	12	3/8	18	36	2 3/8	4	5 3/4	17	2 5/8	3 15/16	5 3/4	17	3	4 1/2	5 3/4	11	2	3	5 3/4
19'-5"	1 1/2	0.719	CP0629	344	12	3/8	18	16	2 3/8	4	5 3/4	12	2 5/8	3 15/16	5 3/4	12	3	4 1/2	5 3/4	7	2	3	5 3/4
20'-5"	1 1/2	0.719	CP0629	344	12	3/8	17			I/A		9	2 5/8	3 15/16	5 3/4	9	3	4 1/2	5 3/4	6	2	3	5 3/4
21'-5"	1 1/2	0.719	CP0629	344	12	3/8	14			I/A		8	2 5/8	3 15/16	5 3/4	8	3	4 1/2	5 3/4	5	2	3	5 3/4
22'-5"	1 1/2	0.719	CP0629	344	11	3/8	12			I/A		6	2 5/8	3 15/16	5 3/4	7	3	4 1/2	5 3/4	5	2 1/2	3 3/4	5 3/4
23'-5"	2	1.219	CP0629	445	12	1/2	18	36	3 5/8	6	6 13/16	18	4 1/2	6 3/4	6 13/16	14	4 1/8	6 3/16	6 13/16	8	2 1/2	3 3/4	6 13/1
24'-5"	2	1.219	CP0629	445	12	1/2	18	36	3 5/8	6	6 13/16	16	4 1/2	6 3/4	6 13/16	13	4 1/8	6 3/16	6 13/16	7	2 1/2	3 3/4	6 13/1
25'-5"	2	1.219	CP0629	445	11	1/2	18	36	3 5/8	6	6 13/16	14	4 1/2	6 3/4	6 13/16	11	4 1/8	6 3/16	6 13/16	6	2 1/2	3 3/4	6 13/1
26'-5"	2	1.219	CP0629	445	10	1/2	18	28	3 5/8	6	6 13/16	13	4 1/2	6 3/4	6 13/16	10	4 1/8	6 3/16	6 13/16	6	2 1/2	3 3/4	6 13/1
27'-5"	2	1.156	CP0630	445	10	1/2	18	36	3 5/8	8	6 13/16	11	4 1/2	6 3/4	6 13/16	9	4 1/8	6 3/16	6 13/16	7	3 1/2	5 1/4	6 13/1
28'-5"	2	1.156	CP0630	445	9	1/2	16	22	3 5/8	8	6 13/16	10	4 1/2	6 3/4	6 13/16	8	4 1/8	6 3/16	6 13/16	7	3 1/2	5 1/4	6 13/1
29'-5"	2	1.156	CP0630	445	9	1/2	15		1	N/A		10	4 1/2	6 3/4	6 13/16	8	4 1/8	6 3/16	6 13/16	6	3 1/2	5 1/4	6 13/1
30'-5"	2	1.156	CP0630	445	9	1/2	14		1	V/A		9	4 1/2	6 3/4	6 13/16	7	4 1/8	6 3/16	6 13/16	6	3 1/2	5 1/4	6 13/1
31'-5"	2	1.156	CP0630	445	8	1/2	13			V/A		8	4 1/2	6 3/4	6 13/16	7	4 1/8	6 3/16	6 13/16	7	4	6	6 13/1
32'-5"	2	1.156	CP0630	446	8	5/8	18		1	N/A		11	4 1/2	6 3/4	6 7/8		N	I/A		10	5	7 1/2	6 7/8
33'-5"	2	1.156	CP0630	446	8	5/8	18		1	N/A		10	4 1/2	6 3/4	6 7/8	1	N	I/A		9	5	7 1/2	6 7/8
34'-5"	2	1.156	CP0630	446	8	5/8	18		. 1	N/A		10	4 1/2	6 3/4	6 7/8			I/A		8	5	7 1/2	6 7/8
35'-5"	2	1.156	CP0630 & CP0647	446	7	5/8	17		- 1	V/A		9	4 1/2	6 3/4	6 7/8		N	I/A		8	5	7 1/2	6 7/8
36'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	17		. 0	N/A		9	4 1/2	6 3/4	6 7/8			I/A		8	5	7 1/2	6 7/8
37'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	16		- 1	N/A		8	4 1/2	6 3/4	6 7/8			I/A		7	5	7 1/2	6 7/8
38'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	15			V/A		8	4 1/2	6 3/4	6 7/8			I/A			1	N/A	
39'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18	28	5 5/8	8	7 1/2	12	- 5	7 1/2	7 1/2	13	6 5/8	9 15/16	7 1/2	9	5	7 1/2	7 1/2
40'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18	22	5 5/8	8	7 1/2	11	5	7 1/2	7 1/2	13	6 5/8	9 15/16	7 1/2		1	N/A	





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0.000 = +/- 0.031FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG

Unless otherwise specified,

dimensions are in inches & tolerances are:

WIND LOAD CONFIGURATION INSULATED ROLLING STEEL DOOR CP0001/CP0651 SLAT NON-IMPACT RATED

DRAWN BY: SIZE: SCALE: STALE: SCALE: SHEET: AS NOTED 29/58

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

													CP	0001/CP065	1 - 0.0296	/0.0220 Mir	nimum Thick	mess Galv	anized or S	ainless Stee	l - 20 PSF,	Cont.													
						Filled CI	ми				-11					C	racked Conc	rete Minin	num 3,000 F	SI Compres	sive Streng	gth					Steel (Wa	all anchors are t	he same o steners)	diameter as	assembly		Superimpo	sed Loads	
DBG		Hilti Kv	vik Bolt 3			Simpson	Strong-Bolt	2		Through Bo	lt		Hil	ti Kwik Bolt	Z			Simp	son Strong-	Bolt 2			ITW	Redhead Tri	bolt+		w	elded	Through Bolt	Тар	ped				
Up To	Max O.C.	Dia.	Embed	Edge Dist	Max O.C	C. Dia.	Embed	Edge Dist	Max. O.C.	Dia.	Edge Distance	Max O.C.	Dia.	Embed.	Min Wall Thick.	Edge Dist	Max O.C.	Dia.	Embed.	Min Wall Thick.	Edge Dist	Max O.C.	Dia.	Embed.	Min Wall Thick.	dge Dist	Max O.C.	Slot Size	Max O.C.	Max O.C.	Min. Thickness	Vx (+)	Vy (+)	Vx (-)	Vy (-)
5'-5"	9	3/8	1 5/8	5 3/4	15	3/8	2 5/8	5 3/4	36	3/8	5 3/4	36	3/8	2 5/16	4	5 3/4	36	3/8	1 7/8	3 1/4	5 3/4	36	3/8	2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	55	0	55
6'-5"	18	3/8	2 1/2	5 3/4	12	3/8	2 5/8	5 3/4	32	3/8	5 3/4	36	3/8	2 5/16	4	5 3/4	36	3/8	1 7/8	3 1/4	5 3/4	19	3/8	2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	65	0	65
7'-5"	16	3/8	2 1/2	5 3/4	11	3/8	2 5/8	5 3/4	28	3/8	5 3/4	36	3/8	2 5/16	4	5 3/4	36	3/8	1 7/8	3 1/4	5 3/4	36	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	75	0	75
8'-5"	14	3/8	2 1/2	5 3/4	9	3/8	2 5/8	5 3/4	24	3/8	5 3/4	36	3/8	2 5/16	4	5 3/4	28 1/2	3/8	1 7/8	3 1/4	5 3/4	36	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	85	0	85
9'-5"	12	3/8	2 1/2	5 3/4	8	3/8	2 5/8	5 3/4	22	3/8	5 3/4	22 3/4	3/8	2 5/16	4	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	95	0	95
10'-5"	11	3/8	2 1/2	5 3/4	9	1/2	3 1/2	5 3/4	20	3/8	5 3/4	7 1/8	3/8	2 5/16	4	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	22 3/4	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	105	0	105
11'-5"	10	3/8	2 1/2	5 3/4	8	1/2	3 1/2	5 3/4	18	3/8	5 3/4	7 1/8	3/8	2 5/16	5	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	10 5/16	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	115	0	115
12'-5"	9	3/8	2 1/2	5 3/4	8	1/2	3 1/2	5 3/4	16	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	125	0	125
13'-5"	8	3/8	2 1/2	5 3/4	14	3/4	5 1/4	5 3/4	15	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	135	0	135
14'-5"	8	3/8	2 1/2	5 3/4	13	3/4	5 1/4	5 3/4	14	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	22 3/4	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	145	0	145
15'-5"	8	1/2	3 1/2	5 3/4	12	3/4	5 1/4	5 3/4	13	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	12 5/8	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	155	0	155
16'-5"	8	1/2	3 1/2	5 3/4	11	3/4	5 1/4	5 3/4	12	3/8	5 3/4	22 3/4	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	28 1/2	1/2	3 3/4	8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	165	0	165
17'-5"	9	3/4	3 1/4	5 3/4	11	3/4	5 1/4	5 3/4	12	3/8	5 3/4	36	1/2	3 5/8	8	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	19	1/2	3 3/4	8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	175	0	175
18'-5"	10	3/8	2 1/2	5 3/4	8	1/2	3 1/2	5 3/4	17	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	1/2	2 1/2	4	5 3/4	35	7/16 x 5/8	35	23	3/16	296	185	282	185
19'-5"	8	1/2	3 1/2	5 3/4	11	3/4	5 1/4	5 3/4	12	3/8	5 3/4	28 1/2	1/2	3 5/8	6	5 3/4	19	1/2	2 3/4	4 1/2	5 3/4	36	1/2	3 3/4	8	5 3/4	24	7/16 x 5/8	24	16	3/16	438	195	425	195
20'-5"	11	3/4	4 3/8	5 3/4	8	3/4	5 1/4	5 3/4	9	3/8	5 3/4	19	1/2	3 5/8	8	5 3/4	36	3/4	4 1/8	6 3/4	5 3/4	36	3/4	4 3/8	7	5 3/4	19	7/16 x 5/8	19	12	3/16	573	205	561	205
21'-5"	9	3/4	4 3/8	5 3/4	1		N/A	-	8	3/8	5 3/4	36	3/4	5 9/16	8	5 3/4	36	3/4	5 3/4	8 3/4	5 3/4	28 1/2	3/4	4 3/8	8	5 3/4	15	7/16 x 5/8	15	10	3/16	702	215	691	215
22'-5"	8	3/4	4 3/8	5 3/4			N/A		6	3/8	5 3/4	22 3/4	3/4	5 9/16	8	5 3/4	36	3/4	5 3/4	8 3/4	5 3/4			N/A			13	7/16 x 5/8	13	8	3/16	827	225	816	225
23'-5"	11	3/4	4 3/8	6 13/16	8	3/4	5 1/4	6 13/16	18	1/2	6 13/16	36	3/4	5 9/16	8	6 13/16	28 1/2	3/4	4 1/8	6 3/4	6 13/16	36	3/4	4 3/8		6 13/16	36	9/16 x 3/4	36	21	1/4	631	234	624	235
24'-5"	10	3/4	4 3/8	6 13/16			N/A		16	1/2	6 13/16	36	3/4	5 9/16	8	6 13/16	36	3/4	5 3/4	8 3/4	6 13/16	36	3/4	4 3/8	-	6 13/16	34	9/16 x 3/4	34	18	1/4	730	244	723	245
25'-5"	8	3/4	4 3/8	6 13/16	1000		N/A		14	1/2	6 13/16	36	3/4	5 9/16	8	6 13/16	36	3/4	5 3/4	8 3/4	6 13/16	19	3/4	4 3/8	8	6 13/16	30	9/16 x 3/4	30	16	1/4	827	254	820	255
26'-5"	8	3/4	4 3/8	6 13/16			N/A		13	1/2	6 13/16	28 1/2	3/4	5 9/16	8	6 13/16	36	3/4	5 3/4	8 3/4	6 13/16			N/A			27	9/16 x 3/4	27	15	1/4	921	264	915	265
27'-5"		N	V/A				N/A		11	1/2	6 13/16			N/A					N/A					N/A			23	9/16 x 3/4	23	13	1/4	1051	275	1044	275
28'-5"		1	V/A				N/A		10	1/2	6 13/16			N/A					N/A					N/A			21	9/16 x 3/4	21	12	1/4	1145	285	1138	285
29'-5"		N	N/A		1		N/A		10	1/2	6 13/16			N/A					N/A					N/A			20	9/16 x 3/4	20	11	1/4	1238	295	1232	295
30'-5"			N/A		1		N/A		9	1/2	6 13/16			N/A					N/A					N/A			18	9/16 x 3/4	18	10	1/4	1331	305	1325	305
31'-5"		1	N/A				N/A		8	1/2	6 13/16			N/A					N/A					N/A			17	9/16 x 3/4	17	9	1/4	1424	315	1417	316
32'-5"		1	N/A				N/A		11	5/8	6 7/8			N/A					N/A					N/A			24	11/16 x 7/8	24	13	5/16	1516	325	1510	326
33'-5"		1	N/A				N/A		10	5/8	6 7/8			N/A					N/A					N/A			23	11/16 x 7/8	23	12	5/16	1609	335	1602	336
34'-5"		1	N/A				N/A		10	5/8	6 7/8			N/A					N/A					N/A			22	11/16 x 7/8	22	12	5/16	1702	345	1695	346
35'-5"	E		N/A				N/A		9	5/8	6 7/8			N/A					N/A					N/A			20	11/16 x 7/8	20	11	5/16	1795	355	1788	356
36'-5"			N/A				N/A		9	5/8	6 7/8			N/A					N/A					N/A			19	11/16 x 7/8	19	11	5/16	1888	366	1881	366
37'-5"		1	N/A				N/A		8	5/8	6 7/8			N/A					N/A					N/A			18	11/16 x 7/8	18	10	5/16	1982	376	1975	377
38'-5"		1	N/A				N/A		8	5/8	6 7/8			N/A					N/A					N/A			18	11/16 x 7/8	18	10	5/16	2076	386	2069	387
39'-5"			N/A				N/A		12	3/4	7 1/2			N/A					N/A			1		N/A			36	13/16 x 1	36	25	3/8	1786	395	1780	395
40'-5"			N/A				N/A		11	3/4	7 1/2	100		N/A					N/A					N/A			36	13/16 x 1	36	24	3/8	1866	405	1860	405





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0.000 = +/- 0.031 FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG

Unless otherwise specified,

dimensions are in inches & tolerances are:

INSULATED ROLLING STEEL DOOR
CP0001/CP0651 SLAT NON-IMPACT RATED

DRAWN BY: SIZE: SCALE: SHEET:

TJE B AS NOTED 30/58

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

	2 0						CP000	01/CP0651 ·	0.0296/0.	0220 Minin		ess Galvaniz											
											Concret	e Minimum	3,000 PSI (Compressive	e Strength (Anchors are	the same of	liameter as	assembly fa	steners)			
DBG	Windlock			Guide	Windlock	Assembly	Assembly	/	Hilti Kw	rik Bolt 3			Simpson	Wedge All			Red Hear	d Tru-Bolt			Powers W	/edge-Bolt	
Up To	Flat Location	Slip	Windlock	Assembly	Weld Pitch	Fastener Diameter	Fastener Spacing	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist
5'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	25	2 5/8	3 15/16	5 3/4	26	3	4 1/2	5 3/4	20	2	3	5 3/4
6'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	21	2 5/8	3 15/16	5 3/4	22	3	4 1/2	5 3/4	17	2	3	5 3/4
7'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	18	2 5/8	3 15/16	5 3/4	19	3	4 1/2	5 3/4	14	2	3	5 3/4
8'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	16	2 5/8	3 15/16	5 3/4	17	3	4 1/2	5 3/4	13	2	3	5 3/4
9'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	14	2 5/8	3 15/16	5 3/4	15	3	4 1/2	5 3/4	11	2	3	5 3/4
10'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	13	2 5/8	3 15/16	5 3/4	13	3	4 1/2	5 3/4	10	2	3	5 3/4
11'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	22	2 3/8	4	5 3/4	12	2 5/8	3 15/16	5 3/4	12	3	4 1/2	5 3/4	9	2	3	5 3/4
12'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	9	2 3/8	4	5 3/4	11	2 5/8	3 15/16	5 3/4	11	3	4 1/2	5 3/4	8	2	3	5 3/4
13'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	11	2 3/8	5	5 3/4	10	2 5/8	3 15/16	5 3/4	10	3	4 1/2	5 3/4	8	2	3	5 3/4
14'-5"	1 3/8	0.594	CP0629	344	12	3/8	18	14	2 3/8	5	5 3/4	10	2 5/8	3 15/16	5 3/4	10	3	4 1/2	5 3/4	11	2 1/2	3 3/4	5 3/4
15'-5"	1 1/2	0.719	CP0629	344	12	3/8	18	36	2 3/8	4	5 3/4	16	2 5/8	3 15/16	5 3/4	16	3	4 1/2	5 3/4	11	2	3	5 3/4
16'-5"	1 1/2	0.719	CP0629	344	12	3/8	18	36	2 3/8	4	5 3/4	13	2 5/8	3 15/16	5 3/4	13	3	4 1/2	5 3/4	-8	2	3	5 3/4
17'-5"	1 1/2	0.719	CP0629	344	12	3/8	15		N	/A		9	2 5/8	3 15/16	5 3/4	9	3	4 1/2	5 3/4	5	2	3	5 3/4
18'-5"	1 1/2	0.719	CP0629	344	11	3/8	12		N	/A		7	2 5/8	3 15/16	5 3/4	7	3	4 1/2	5 3/4	4	2	3	5 3/4
19'-5"	2	1.219	CP0629	445	12	1/2	18	36	3 5/8	6	6 13/16	19	4 1/2	6 3/4	6 13/16	15	4 1/8	6 3/16	6 13/16	8	2 1/2	3 3/4	6 13/16
20'-5"	2	1.219	CP0629	445	12	1/2	18	36	3 5/8	6	6 13/16	15	4 1/2	6 3/4	6 13/16	12	4 1/8	6 3/16	6 13/16	7	2 1/2	3 3/4	6 13/16
21'-5"	2	1.219	CP0629	445	11	1/2	18	28	3 5/8	6	6 13/16	13	4 1/2	6 3/4	6 13/16	10	4 1/8	6 3/16	6 13/16	6	2 1/2	3 3/4	6 13/16
22'-5"	2	1.156	CP0630	445	10	1/2	17	28	3 5/8	8	6 13/16	11	4 1/2	6 3/4	6 13/16	9	4 1/8	6 3/16	6 13/16	7	3 1/2	5 1/4	6 13/16
23'-5"	2	1.156	CP0630	445	9	1/2	15			I/A		10	4 1/2	6 3/4	6 13/16	8	4 1/8	6 3/16	6 13/16	6	3 1/2	5 1/4	6 13/16
24'-5"	2	1.156	CP0630	445	9	1/2	14		N	I/A		9	4 1/2	6 3/4	6 13/16	7	4 1/8	6 3/16	6 13/16	6	3 1/2	5 1/4	6 13/16
25'-5"	2	1.156	CP0630	446	8	5/8	18			I/A		11	4 1/2	6 3/4	6 7/8			I/A		7	4	6	6 7/8
26'-5"	2	1.156	CP0630	446	8	5/8	18			I/A		10	4 1/2	6 3/4	6 7/8		١	I/A		9	5	7 1/2	6 7/8
27'-5"	2	1.156	CP0630	446	7	5/8	17	-		I/A.	-	9	4 1/2	6 3/4	6 7/8			I/A		8	5	7 1/2	6 7/8
28'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	16		1	I/A.		9	4 1/2	6 3/4	6 7/8		1	I/A		8	5	7 1/2	6 7/8
29'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	15			I/A		8	4 1/2	6 3/4	6 7/8		- 1	I/A		7	5	7 1/2	6 7/8
30'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	14			I/A		8	4 1/2	6 3/4	6 7/8			I/A			1	N/A	
31'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18	22	5 5/8	8	7 1/2	11	5	7 1/2	7 1/2	13	6 5/8	9 15/16	7 1/2		. 1	N/A	
32'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18	1		I/A		11	5	7 1/2	7 1/2	12	6 5/8	9 15/16	7 1/2		1	N/A	
33'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18		1	N/A		10	5	7 1/2	7 1/2	11	6 5/8	9 15/16	7 1/2		1	N/A	
34'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18		1	I/A		10	5	7 1/2	7 1/2	11	6 5/8	9 15/16	7 1/2		U.	N/A	
35'-5"	2 1/2	1.656	CP0630 & CP0647	548	6	3/4	18		. 1	I/A		9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2		-	N/A	
36'-5"	2 1/2	1.656	CP0630 & CP0647	548	6	3/4	18		- 1	N/A		9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2		1	N/A	
37'-5"	2 1/2	1.656	CP0630 & CP0647	548	6	3/4	17		. 1	N/A		8	5	7 1/2	7 1/2	9	6 5/8	9 15/16	7 1/2			N/A	
38'-5"	2 1/2	1.656	CP0630 & CP0647	548	6	3/4	16		- 1	N/A		8	5	7 1/2	7 1/2	7	6 5/8	9 15/16	7 1/2		- 1	N/A	
39'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	16		. 1	N/A		8	5	7 1/2	7 1/2	6	6 5/8	9 15/16	7 1/2		1	N/A	
40'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	15		-	V/A		7	5	7 1/2	7 1/2	5	6 5/8	9 15/16	7 1/2			N/A	





dimensions are in inches &

0.000 = +/- 0.031FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG

Unless otherwise specified,

tolerances are:

WIND LOAD CONFIGURATION INSULATED ROLLING STEEL DOOR CP0001/CP0651 SLAT NON-IMPACT RATED

DRAWN BY: SIZE: TJE

SCALE: SHEET: AS NOTED 31/58

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

													C	P0001/CP00	51 - 0.0296	/0.0220 Mi	nimum Thic	kness Galv	anized or S	tainless Ste	el - 30 PSF,	Cont.													
						Filled C	MU									C	Cracked Cond	rete Minir	mum 3,000	PSI Compre	ssive Streng	th					Steel (Wa	all anchors are	the same of asteners)	diameter as	assembly		Superimpo	sed Loads	
DBG		Hilti Kw	ik Bolt 3			Simpso	n Strong-Bolt	2		Through Bol	t		Hi	ilti Kwik Boli	TZ			Simp	son Strong	Bolt 2			ITW	Redhead Tr	ubolt+		W	elded	Through Bolt	Тар	ped		Sape,po		
Up To	Max O.C.	Dia.	Embed	Edge Dist	Max O.C	Dia.	Embed	Edge Dist	Max. O.C.	Dia.	Edge Distance	Max O.C.	Dia.	Embed.	Min Wall Thick.	Edge Dist	Max O.C.	Dia.	Embed.	Min Wall Thick.	Edge Dist	Max O.C.	Dia.	Embed.	Min Wall Thick.	Edge Dist	Max O.C.	Slot Size	Max O.C.	Max O.C.	Min. Thickness	Vx (+)	Vy (+)	Vx (-)	Vy (-)
5'-5"	14	3/8	2 1/2	5 3/4	10	3/8	2 5/8	5 3/4	25	3/8	5 3/4	36	3/8	2 5/16	4	5 3/4	28 1/2	3/8	1 7/8	3 1/4	5 3/4	36	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	83	0	82
6'-5"	12	3/8	2 1/2	5 3/4	8	3/8	2 5/8	5 3/4	21	3/8	5 3/4	19	3/8	2 5/16	4	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	98	0	97
7'-5"	10	3/8	2 1/2	5 3/4	9	1/2	3 1/2	5 3/4	18	3/8	5 3/4	10 5/16	3/8	2 5/16	5	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	14 1/4	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	113	0	112
8'-5"	9	3/8	2 1/2	5 3/4	15	3/4	5 1/4	5 3/4	16	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	128	0	127
9'-5"	8	3/8	2 1/2	5 3/4	13	3/4	5 1/4	5 3/4	14	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	28 1/2	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	143	0	142
10'-5"	8	1/2	3 1/2	5 3/4	12	3/4	5 1/4	5 3/4	13	3/8	5 3/4	28 1/2	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	10 5/16	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	158	0	157
11'-5"	8	1/2	3 1/2	5 3/4	11	3/4	5 1/4	5 3/4	12	3/8	5 3/4	16 1/4	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	22 3/4	1/2	3 3/4	8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	173	0	172
12'-5"	8	3/4	3 1/4	5 3/4	10	3/4	5 1/4	5 3/4	11	3/8	5 3/4	36	1/2	3 5/8	8	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	3/4	4 3/8	7	5 3/4	36	7/16 x 5/8	36	36	3/16	0	188	0	187
13'-5"	12	3/4	4 3/8	5 3/4	9	3/4	5 1/4	5 3/4	10	3/8	5 3/4	28 1/2	1/2	3 5/8	8	5 3/4	22 3/4	1/2	3 7/8	6	5 3/4	36	3/4	4 3/8	7	5 3/4	36	7/16 x 5/8	36	36	3/16	0	203	0	202
14'-5"	12	3/4	4 3/8	5 3/4	9	3/4	5 1/4	5 3/4	10	3/8	5 3/4	28 1/2	1/2	3 5/8	8	5 3/4	22 3/4	1/2	3 7/8	6	5 3/4	36	3/4	4 3/8	7	5 3/4	36	7/16 x 5/8	36	36	3/16	27	218	0	217
15'-5"	9	3/8	2 1/2	5 3/4	14	3/4	5 1/4	5 3/4	16	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	163	233	141	232
16'-5"	8	3/8	2 1/2	5 3/4	12	3/4	5 1/4	5 3/4	13	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	28 1/2	3/8	2 7/8	4 1/2	5 3/4	19	1/2	3 3/4	6	5 3/4	27	7/16 x 5/8	27	18	3/16	378	248	358	247
17'-5"	10	3/4	4 3/8	5 3/4	8	3/4	5 1/4	5 3/4	9	3/8	5 3/4	36	3/4	5 9/16	8	5 3/4	28 1/2	3/4	4 1/8	6 3/4	5 3/4	28 1/2	3/4	4 3/8	7	5 3/4	18	7/16 x 5/8	18	12	3/16	578	263	560	262
18'-5"	8	3/4	4 3/8	5 3/4		- 11	N/A		7	3/8	5 3/4	28 1/2	3/4	5 9/16	8	5 3/4	36	3/4	5 3/4	8 3/4	5 3/4			N/A			14	7/16 x 5/8	14	9	3/16	768	278	751	277
19'-5"	11	3/4	4 3/8	6 13/16	8	3/4	5 1/4	6 13/16	19	1/2	6 13/16	22 3/4	1/2	3 5/8	8	6 13/16	36	3/4	4 1/8	6 3/4	6 13/16	36	3/4	4 3/8	7	6 13/16	36	9/16 x 3/4	36	23	1/4	587	291	577	292
20'-5"	9	3/4	4 3/8	6 13/16			N/A		15	1/2	6 13/16	36	3/4	5 9/16	8	6 13/16	36	3/4	5 3/4	8 3/4	6 13/16	28 1/2	3/4	4 3/8	8	6 13/16	33	9/16 x 3/4	33	18	1/4	734	306	724	307
21'-5"	8	3/4	4 3/8	6 13/16			N/A		13	1/2	6 13/16	28 1/2	3/4	5 9/16	8	6 13/16	36	3/4	5 3/4	8 3/4	6 13/16			N/A			28	9/16 x 3/4	28	15	1/4	876	321	866	322
22'-5"		N	/A	Mall I			N/A		11	1/2	6 13/16			N/A			-		N/A					N/A			23	9/16 x 3/4	23	13	1/4	1054	336	1044	337
23'-5"		N	/A				N/A		10	1/2	6 13/16			N/A					N/A					N/A			20	9/16 x 3/4	20	11	1/4	1191	352	1181	352
24'-5"		N	/A				N/A		9	1/2	6 13/16			N/A					N/A					N/A			18	9/16 x 3/4	18	10	1/4	1326	367	1316	367
25'-5"		N	/A				N/A		11	5/8	6 7/8			N/A					N/A					N/A			25	11/16 x 7/8	25	14	5/16	1459	382	1450	383
26'-5"		N	/A				N/A		10	5/8	6 7/8			N/A					N/A					N/A			23	11/16 x 7/8	23	13	5/16	1591	397	1582	398
27'-5"		N	/A				N/A		9	5/8	6 7/8			N/A					N/A					N/A			21	11/16 x 7/8	21	12	5/16	1723	412	1713	413
28'-5"		N	/A				N/A		9	5/8	6 7/8			N/A					N/A					N/A			20	11/16 x 7/8	20	11	5/16	1854	427	1844	428
29'-5"		N	/A				N/A		8	5/8	6 7/8			N/A					N/A					N/A			18	11/16 x 7/8	18	10	5/16	1985	442	1975	443
30'-5"		N	/A				N/A		8	5/8	6 7/8			N/A					N/A					N/A			17	11/16 x 7/8	17	9	5/16	2116	458	2107	459
31'-5"		N	/A				N/A		11	3/4	7 1/2			N/A					N/A					N/A			36	13/16 x 1	36	24	3/8	1836	471	1827	472
32'-5"		N	/A				N/A		11	3/4	7 1/2			N/A					N/A					N/A			36	13/16 x 1	36	22	3/8	1948	487	1939	487
33'-5"		N	/A				N/A		10	3/4	7 1/2			N/A				-	N/A					N/A			36	13/16 x 1	36	21	3/8	2061	502	2052	502
34'-5"		N	/A				N/A		10	3/4	7 1/2	Dec		N/A				-	N/A			1		N/A			36	13/16 x 1	36	20	3/8	2174	517	2165	517
35'-5"		N	/A				N/A		9	3/4	7 1/2	1		N/A					N/A					N/A			36	13/16 x 1	36	19	3/8	2288	532	2279	533
36'-5"		N	/A				N/A		9	3/4	7 1/2			N/A					N/A					N/A			34	13/16 x 1	34	18	3/8	2402	547	2393	548
37'-5"		- 1	I/A				N/A		8	3/4	7 1/2			N/A					N/A					N/A			32	13/16 x 1	32	17	3/8	2517	563	2508	563
38'-5"		N	I/A				N/A		8	3/4	7 1/2			N/A					N/A					N/A			31	13/16 x 1	31	17	3/8	2633	578	2624	578
39'-5"		- 1	I/A				N/A		8	3/4	7 1/2			N/A					N/A					N/A			30	13/16 x 1	30	16	3/8	2749	593	2740	594 609
40'-5"		1	I/A				N/A		7	3/4	7 1/2			N/A					N/A					N/A			28	13/16 x 1	28	15	3/8	2866	609	2857	609





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DRAWN BY:

Unless otherwise specified, dimensions are in inches & tolerances are:

0.000 = +/- 0.031FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG

WIND LOAD CONFIGURATION INSULATED ROLLING STEEL DOOR CP0001/CP0651 SLAT NON-IMPACT RATED

SCALE: SHEET: SIZE: TJE AS NOTED 32/58

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

							CP00	01/CP0651	- 0.0296/0.	0220 Minin		ess Galvania						Provide	markh f				
											Concret	e Minimum			e Strength (Anchors are		diameter as	assembly fa	asteners)			
DBG	Windlock		- To P C P = 1	Guide	Windlock	Assembly	Assembly		Hilti Kw	rik Bolt 3		2	Simpson	Wedge All			Red Hea	d Tru-Bolt			Powers V	Vedge-Bolt	
Up To	Flat Location	Slip	Windlock	Assembly	Weld Pitch	Fastener Diameter	Fastener Spacing	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.		Max O.C.	Embed	Min. Wall Thick.	Edge Dis
5'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	19	2 5/8	3 15/16	5 3/4	19	3	4 1/2	5 3/4	15	2	3	5 3/4
6'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	16	2 5/8	3 15/16	5 3/4	16	3	4 1/2	5 3/4	12	2	3	5 3/4
7'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	14	2 5/8	3 15/16	5 3/4	14	3	4 1/2	5 3/4	11	2	3	5 3/4
8'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	22	2 3/8	4	5 3/4	12	2 5/8	3 15/16	5 3/4	12	3	4 1/2	5 3/4	9	2	3	5 3/4
9'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	8	2 3/8	4	5 3/4	11	2 5/8	3 15/16	5 3/4	11	3	4 1/2	5 3/4	8	2	3	5 3/4
10'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	7	2 3/8	5	5 3/4	10	2 5/8	3 15/16	5 3/4	10	3	4 1/2	5 3/4	7	2	3	5 3/4
11'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	I/A		9	2 5/8	3 15/16	5 3/4	9	3	4 1/2	5 3/4	7	2	3	5 3/4
12'-5"	1 5/16	0.532	CP0629	DC1	12	1/2	18	16	3 1/2	5 1/4	5 3/4	16	4 1/2	6 3/4	5 3/4			V/A		1		V/A	
14'-5"	1 3/8	0.593	CP0629	344	12	3/8	18	28	2 3/8	4	5 3/4	13	2 5/8	3 15/16	5 3/4	13	3	4 1/2	5 3/4	8	2	3	5 3/4
15'-5"	1 1/2	0.719	CP0629	344	12	3/8	15			I/A		9	2 5/8	3 15/16	5 3/4	10	3	4 1/2	5 3/4	6	2	3	5 3/4
16'-5"	1 1/2	0.719	CP0629	344	11	3/8	11		N	I/A		7	2 5/8	3 15/16	5 3/4	7	3	4 1/2	5 3/4	5	2 1/2	3 3/4	5 3/4
17'-5"	1 3/4	0.969	CP0629	445	11	1/2	18	36	3 5/8	6	6 13/16	15	4 1/2	6 3/4	6 13/16	12	4 1/8	6 3/16	6 13/16	6	2 1/2	3 3/4	6 13/1
18'-5"	1 7/8	1.094	CP0629	445	11	1/2	18	28	3 5/8	6	6 13/16	13	4 1/2	6 3/4	6 13/16	10	4 1/8	6 3/16	6 13/16	6	2 1/2	3 3/4	6 13/1
19'-5"	2	1.156	CP0630	445	10	1/2	16	28	3 5/8	8	6 13/16	11	4 1/2	6 3/4	6 13/16	9	4 1/8	6 3/16	6 13/16	7	3 1/2	5 1/4	6 13/1
20'-5"	2	1.156	CP0630	445	9	1/2	14		1	I/A		9	4 1/2	6 3/4	6 13/16	7	4 1/8	6 3/16	6 13/16	6	3 1/2	5 1/4	6 13/1
21'-5"	2	1.156	CP0630	445	8	1/2	13		- 1	I/A		8	4 1/2	6 3/4	6 13/16	6	4 1/8	6 3/16	6 13/16	7	4	6	6 13/1
22'-5"	2	1.156	CP0630	446	8	5/8	18			I/A		10	4 1/2	6 3/4	6 7/8		1	N/A		9	5	7 1/2	6 7/8
23'-5"	2	1.156	CP0630	546	7	5/8	17			N/A		9	4 1/2	6 3/4	6 7/8			N/A		8	5	7 1/2	6 7/8
24'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	15		1	N/A		8	4 1/2	6 3/4	6 7/8		- 9	N/A		7	5	7 1/2	6 7/8
25'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	14			V/A		8	4 1/2	6 3/4	6 7/8			N/A			- 1	N/A	
26'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18	22	5 5/8	8	7 1/2	11	5	7 1/2	7 1/2	13	6 5/8	9 15/16	7 1/2		- 4	N/A	
27'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18		. 1	N/A		11	5	7 1/2	7 1/2	12	6 5/8	9 15/16	7 1/2			N/A	
28'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18		1	N/A		10	5	7 1/2	7 1/2	11	6 5/8	9 15/16	7 1/2	-		N/A	
29'-5"	2 1/2	1.656	CP0630 & CP0647	548	6	3/4	18			N/A		9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2			N/A	
30'-5"	2 1/2	1.656	CP0630 & CP0647	548	6	3/4	18		- 1	N/A		9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2			N/A	
31'-5"	2 1/2	1.656	CP0630 & CP0647	548	6	3/4	17			N/A		8	5	7 1/2	7 1/2	8	6 5/8	9 15/16	7 1/2			N/A	
32'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	16			N/A		8	5	7 1/2	7 1/2	7	6 5/8	9 15/16	7 1/2			N/A	
33'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	15		1	N/A		7	5	7 1/2	7 1/2	5	6 5/8	9 15/16	7 1/2			N/A	
34'-5"	2 1/2	1,656	CP0630 & CP0647	648	6	3/4	14			N/A		7	5	7 1/2	7 1/2			N/A				N/A	
35'-5"	2 1/2	1.656	CP0630 & CP0647	648	5	3/4	14		- 1	N/A		7	5	7 1/2	7 1/2			N/A				N/A	
36'-5"	2 1/2	1.656	CP0630 & CP0647	648	5	3/4	13			N/A				N/A				N/A				N/A	
37'-5"	2 1/2	1.656	CP0630 & CP0647	648	5	3/4	13			N/A				N/A			10	N/A				N/A	





24 ELMWOOD AVE 1901 S. LITCHFIELD RD

dimensions are in inches & tolerances are:

Unless otherwise specified,

P: 800.390.8590 F: 866.448.6798 E: ADS@COOKSONDOOR.COM

0.000 = +/- 0.031FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG

WIND LOAD CONFIGURATION INSULATED ROLLING STEEL DOOR CP0001/CP0651 SLAT NON-IMPACT RATED

TJE B ...

DWG NO:
ES-16-65-TCCI SCALE: SHEET: SIZE: DRAWN BY: AS NOTED 33/58

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027
	* A	* ORIGINAL ISSUE A REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	* ORIGINAL ISSUE 10/20/14 A REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE 12/13/17	* ORIGINAL ISSUE 10/20/14 TJE A REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE 12/13/17 CJR

													CI	P0001/CP06	51 - 0.029	6/0.0220 Mi	nimum Thic	kness Galv	anized or S	tainless Ste	el - 40 PSF,	Cont.													
						Filled CN	/U									c	racked Conc	rete Minin	num 3,000 l	PSI Compre	ssive Streng	th					Steel (Wa	all anchors are	the same of fasteners)	diameter as	s assembly		Superimpos	sed Loads	
DBG		Hilti Kv	vik Bolt 3			Simpson	Strong-Bolt	2		Through Bo	lt		Hi	lti Kwik Bolt	TZ			Simp	son Strong-	Bolt 2			ITW	Redhead Tr	ubolt+		W	elded	Through Bolt	Та	pped		зареттро	Jed Louds	
Up To	Max O.C.	Dia.	Embed	Edge Dist	Max O.0	C. Dia.	Embed	Edge Dist	Max. O.C.	Dia.	Edge Distance	Max O.C.	Dia.	Embed.	Min Wall Thick.	Edge Dist	Max O.C.	Dia.	Embed.	Min Wall Thick.	Edge Dist	Max O.C.	Dia.	Embed.	Min Wal	Edge Dist	Max O.C.	Slot Size	Max O.C.	Max O.C	Min. Thickness	Vx (+)	Vy (+)	Vx (-)	Vy (-)
5'-5"	10	3/8	2 1/2	5 3/4	9	1/2	3 1/2	5 3/4	19	3/8	5 3/4	12 5/8	3/8	2 5/16	5	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	16 1/4	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	110	0	109
6'-5"	9	3/8	2 1/2	5 3/4	15	3/4	5 1/4	5 3/4	16	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	130	0	129
7'-5"	8	3/8	2 1/2	5 3/4	13	3/4	5 1/4	5 3/4	14	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	16 1/4	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	150	0	149
8'-5"	8	1/2	3 1/2	5 3/4	11	3/4	5 1/4	5 3/4	12	3/8	5 3/4	19	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	22 3/4	1/2	3 3/4	8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	170	0	169
9'-5"	8	3/4	3 1/4	5 3/4	10	3/4	5 1/4	5 3/4	11	3/8	5 3/4	36	1/2	3 5/8	8	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	3/4	4 3/8	7	5 3/4	36	7/16 x 5/8	36	36	3/16	0	190	0	189
10'-5"	12	3/4	4 3/8	5 3/4	9	3/4	5 1/4	5 3/4	10	3/8	5 3/4	19	1/2	3 5/8	8	5 3/4	16 1/4	1/2	3 7/8	6	5 3/4	36	3/4	4 3/8	7	5 3/4	36	7/16 x 5/8	36	36	3/16	0	210	0	209
11'-5"	11	3/4	4 3/8	5 3/4	8	3/4	5 1/4	5 3/4	9	3/8	5 3/4	36	3/4	5 9/16	8	5 3/4	22 3/4	3/4	4 1/8	6 3/4	5 3/4	22 3/4	3/4	4 3/8	7	5 3/4	36	7/16 x 5/8	36	36	3/16	0	230	0	229
12'-5"	8	1/2	3 1/2	5 3/4	8	1/2	4 1/2	5 3/4		N/A		L Par		N/A					N/A					N/A			18	9/16 X 3/4	18	18	1/4	0	250	0	248
14'-5"	9	1/2	3 1/2	5 3/4	11	3/4	5 1/4	5 3/4	13	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	28 1/2	1/2	2 3/4	4 1/2	5 3/4	36	1/2	3 3/4	8	5 3/4	26	7/16 x 5/8	26	17	3/16	389	290	359	289
15'-5"	11	3/4	4 3/8	5 3/4	9	3/4	5 1/4	5 3/4	9	3/8	5 3/4	22 3/4	1/2	3 5/8	8	5 3/4	36	3/4	4 1/8	6 3/4	5 3/4	36	3/4	4 3/8	7	5 3/4	20	7/16 x 5/8	20	13	3/16	525	310	500	309
16'-5"	8	3/4	4 3/8	5 3/4			N/A		7	3/8	5 3/4	28 1/2	3/4	5 9/16	8	5 3/4	36	3/4	5 3/4	8 3/4	5 3/4			N/A			13	7/16 x 5/8	13	9	3/16	776	330	753	330
17'-5"	9	3/4	4 3/8	6 13/16			N/A		15	1/2	6 13/16	36	3/4	5 9/16	8	6 13/16	36	3/4	5 3/4	8 3/4	6 13/16	22 3/4	3/4	4 3/8	8	6 13/16	32	9/16 x 3/4	32	18	1/4	767	349	750	349
18'-5"	8	3/4	4 3/8	6 13/16	1-		N/A		13	1/2	6 13/16	28 1/2	3/4	5 9/16	8	6 13/16	36	3/4	5 3/4	8 3/4	6 13/16			N/A			28	9/16 x 3/4	28	15	1/4	876	368	862	369
19'-5"		1	I/A				N/A		11	1/2	6 13/16			N/A					N/A					N/A			24	9/16 x 3/4	-	13	1/4	1021	388	1008	389
20'-5"		٨	I/A				N/A		9	1/2	6 13/16			N/A					N/A					N/A			20	9/16 x 3/4	-	11	1/4	1202	408	1189	409
21'-5"		1	I/A				N/A		8	1/2	6 13/16			N/A					N/A					N/A			18	9/16 x 3/4	1	10	1/4	1378	428	1366	429
22'-5"		N	I/A				N/A		10	5/8	6 7/8			N/A					N/A					N/A			24	11/16 x 7/8	-	13	5/16	1551	449	1539	450
23'-5"		٨	I/A				N/A		9	5/8	6 7/8			N/A					N/A					N/A			21	11/16 x 7/8	-	12	5/16	1722	469	1710	470
24'-5"		- N	I/A				N/A		8	5/8	6 7/8			N/A					N/A					N/A			19	11/16 x 7/8	_	11	5/16	1891	489	1879	490
25'-5"		٨	I/A				N/A		8	5/8	6 7/8			N/A					N/A					N/A			18	11/16 x 7/8		10	5/16	2059	509	2047	510
26'-5"		1	I/A				N/A		11	3/4	7 1/2			N/A					N/A					N/A			36	13/16 x 1	36	24	3/8	1803	528	1791	528
27'-5"		1	I/A				N/A		11	3/4	7 1/2			N/A					N/A					N/A			36	13/16 x 1	36	22	3/8	1947	548	1935	549
28'-5"			I/A				N/A		10	3/4	7 1/2			N/A					N/A					N/A			36	13/16 x 1	36	21	3/8	2090	568	2078	569
29'-5"			I/A				N/A		9	3/4	7 1/2			N/A					N/A					N/A			36	13/16 x 1	36	20	3/8	2233	589	2222	589
30'-5"			I/A				N/A		9	3/4	7 1/2			N/A					N/A			1		N/A			34	13/16 x 1	34	18	3/8	2377	609	2366	609
31'-5"			I/A				N/A		8	3/4	7 1/2			N/A					N/A					N/A			32	13/16 x 1	32	17	3/8	2522	629	2510	630
32'-5"		1	I/A				N/A		8	3/4	7 1/2			N/A					N/A					N/A			30	13/16 x 1	30	16	3/8	2667	649	2656	650
33'-5"			I/A				N/A		7	3/4	7 1/2			N/A			-		N/A			-		N/A			29	13/16 x 1	29	15	3/8	2813	670	2802	670
34'-5"			I/A				N/A		7	3/4	7 1/2			N/A					N/A			1000		N/A			27	13/16 x 1	27	15	3/8	2960	690	2949	691
35'-5"		1	I/A				N/A		7	3/4	7 1/2			N/A					N/A					N/A			26	13/16 x 1	26	14	3/8	3108	710	3097	711
36'-5"		1	I/A				N/A			N/A				N/A					N/A					N/A			25	13/16 x 1	25	13	3/8	3257	731	3246	731
37'-5"		1	I/A				N/A			N/A		-		N/A					N/A					N/A			24	13/16 x 1	24	13	3/8	3407	751	3396	752





Unless otherwise specified, dimensions are in inches & tolerances are:

P: 800.390.8590 F: 866.448.6798 E: ADS@COOKSONDOOR.COM

0.000 = +/- 0.031FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG

TITLE: WIND LOAD CONFIGURATION INSULATED ROLLING STEEL DOOR CP0001/CP0651 SLAT NON-IMPACT RATED

SIZE: DRAWN BY: TJE

SCALE: SHEET: AS NOTED 34/58

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

							CP00	01/CP0651	- 0.0296/0.	0220 Minin		ess Galvaniz											
						1	1.176				Concret	te Minimum	3,000 PSI	Compressive	e Strength (Anchors are	the same d	liameter as	assembly fa	steners)			
200	Windlock			Guide	Windlock	Assembly	Assembly		Hilti Kw	vik Bolt 3	,==		Simpson	Wedge All			Red Head	d Tru-Bolt			Powers V	Vedge-Bolt	
DBG Up To	Flat Location	Slip	Windlock	Assembly	Weld Pitch	Fastener Diameter	Fastener Spacing	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	ruge Dis
5'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	15	2 5/8	3 15/16	5 3/4	15	3	4 1/2	5 3/4	12	2	3	5 3/4
6'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	28	2 3/8	4	5 3/4	12	2 5/8	3 15/16	5 3/4	13	3	4 1/2	5 3/4	10	2	3	5 3/4
7'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	9	2 3/8	4	5 3/4	11	2 5/8	3 15/16	5 3/4	11	3	4 1/2	5 3/4	8	2	3	5 3/4
8'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	I/A		9	2 5/8	3 15/16	5 3/4	10	3	4 1/2	5 3/4	7	2	3	5 3/4
9'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	I/A		8	2 5/8	3 15/16	5 3/4	9	3	4 1/2	5 3/4	7	2	3	5 3/4
10'-5"	N/A	N/A	N/A	344*	N/A	3/8	24			I/A	7-0-0	8	2 5/8	3 15/16	5 3/4	8	3	4 1/2	5 3/4	6	2	3	5 3/4
12'-5"	1 5/16	0.532	CP0629	DC1	12	1/2	18	16	3 1/2	5 1/4	5 3/4	16	4 1/2	6 3/4	5 3/4		N	/A			N	I/A	
14'-5"	1 5/16	0.532	CP0629	344	11	3/8	11		N	I/A		6	2 5/8	3 15/16	5 3/4	6	3	4 1/2	5 3/4	5	2 1/2	3 3/4	5 3/4
5'-5"	1 1/2	0.656	CP0630	445	10	1/2	18	36	3 5/8	8	6 13/16	12	4 1/2	6 3/4	6 13/16	9	4 1/8	6 3/16	6 13/16	8	3 1/2	5 1/4	6 13/1
6'-5"	1 5/8	0.781	CP0630	445	10	1/2	16	28	3 5/8	8	6 13/16	11	4 1/2	6 3/4	6 13/16	8	4 1/8	6 3/16	6 13/16	7	3 1/2	5 1/4	6 13/10
7'-5"	1 3/4	0.906	CP0630	445	9	1/2	14		N	I/A		9	4 1/2	6 3/4	6 13/16	7	4 1/8	6 3/16	6 13/16	6	3 1/2	5 1/4	6 13/1
18'-5"	1 7/8	1.031	CP0630	445	9	1/2	13		N	I/A		9	4 1/2	6 3/4	6 13/16	7	4 1/8	6 3/16	6 13/16	6	3 1/2	5 1/4	6 13/16
19'-5"	2	1.156	CP0630	446	8	5/8	18		٨	I/A		11	4 1/2	6 3/4	6 7/8		N	I/A		7	4	6	6 7/8
20'-5"	2	1.156	CP0630	546	8	5/8	17		N	V/A		10	4 1/2	6 3/4	6 7/8		N	I/A		9	5	7 1/2	6 7/8
21'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	15		1	I/A		8	4 1/2	6 3/4	6 7/8		N	I/A		8	5	7 1/2	6 7/8
22'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	14			I/A		8	4 1/2	6 3/4	6 7/8	-	N	I/A				N/A	
23'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18	22	5 5/8	8	7 1/2	11	5	7 1/2	7 1/2	12	6 5/8	9 15/16	7 1/2			N/A	
24'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18		1	V/A		10	5	7 1/2	7 1/2	11	6 5/8	9 15/16	7 1/2	/		N/A	
25'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18		- 1	V/A		9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2			N/A	
26'-5"	2 1/2	1.656	CP0630 & CP0647	548	6	3/4	17			V/A		9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2			V/A	
27'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	16		1	N/A		8	5	7 1/2	7 1/2	8	6 5/8	9 15/16	7 1/2			N/A	
28'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	15			N/A		8	5	7 1/2	7 1/2	6	6 5/8	9 15/16	7 1/2			N/A	
29'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	15			N/A		7	5	7 1/2	7 1/2	5	6 5/8	9 15/16	7 1/2			N/A	
30'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	14		. 1	N/A		7	5	7 1/2	7 1/2			I/A				N/A	
31'-5"	2 1/2	1.656	CP0630 & CP0647	648	5	3/4	13			N/A			- 1	N/A				I/A			_	N/A	
32'-5"	2 1/2	1.656	CP0630 & CP0647	648	5	3/4	12		-	V/A				N/A			. 1	N/A			1	N/A	





24 ELMWOOD AVE 1901 S. LITCHFIELD RD

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0.000 = +/- 0.031FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG

WIND LOAD CONFIGURATION INSULATED ROLLING STEEL DOOR CP0001/CP0651 SLAT NON-IMPACT RATED

SIZE: DRAWN BY:

SCALE: SHEET: TJE AS NOTED 35/58 DWG NO: ES-16-65-TCCI

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

	-					CFUUUI	/CF0031 - C	.0230/0.02	20 Million	THICKIES	3 COLABILITY		s Steel - 50 PS							
	Filled CMU												Steel (Wall anchors are the same diameter as assembly fasteners)					Superimpe	aced Loads	
DBG Up To		vik Bolt 3		Simpson Strong-Bolt 2			Through Bolt			Welded		Through Bolt	Tapped		Superimposed Loads					
	Max O.C.	Dia.	Embed	Edge Dist	Max O.C.	Dia.	Embed	Edge Dist	Max. O.C.	Dia.	Edge Distance	Max O.C.	Slot Size	Max O.C.	Max O.C.	Min. Thickness	Vx (+)	Vy (+)	Vx (-)	Vy (-)
5'-5"	8	3/8	2 1/2	5 3/4	14	3/4	5 1/4	5 3/4	15	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	138	0	136
6'-5"	8	1/2	3 1/2	5 3/4	12	3/4	5 1/4	5 3/4	12	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	163	0	161
7'-5"	8	3/4	3 1/4	5 3/4	10	3/4	5 1/4	5 3/4	11	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	188	0	186
8'-5"	11	3/4	4 3/8	5 3/4	9	3/4	5 1/4	5 3/4	9	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	213	0	211
9'-5"	10	3/4	4 3/8	5 3/4	8	3/4	5 1/4	5 3/4	8	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	238	0	236
10'-5"	9	3/4	4 3/8	5 3/4		N	I/A		8	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	263	0	261
12'-5"	8	1/2	3 1/2	5 3/4	8	1/2	4 1/2	5 3/4	100-0	N/A		18	9/16 X 3/4	18	18	1/4	105	312	62	310
14'-5"	N/A				N/A			6	3/8	5 3/4	12	7/16 x 5/8	12	8	3/16	854	363	819	362	
15'-5"	N/A				N/A			12	1/2	6 13/16	25	9/16 x 3/4	25	14	1/4	971	387	945	387	
16'-5"	N/A				N/A			11	1/2	6 13/16	22	9/16 x 3/4	22	12	1/4	1091	412	1069	412	
17'-5"	N/A			N/A			9	1/2	6 13/16	20	9/16 x 3/4	20	11	1/4	1207	436	1187	437		
18'-5"	N/A				N/A			9	1/2	6 13/16	18	9/16 x 3/4	18	10	1/4	1317	461	1300	462	
19'-5"	N/A				N/A			11	5/8	6 7/8	26	11/16 x 7/8	26	14	5/16	1422	485	1407	486	
20'-5"	N/A				N/A			10	5/8	6 7/8	23	11/16 x 7/8	23	12	5/16	1635	511	1620	512	
21'-5"	N/A				N/A			8	5/8	6 7/8	20	11/16 x 7/8	20	11	5/16	1843	536	1828	53	
22'-5"	N/A				N/A			8	5/8	6 7/8	18	11/16 x 7/8	18	10	5/16	2049	561	2034	562	
23'-5"	N/A				N/A			11	3/4	7 1/2	36	13/16 x 1	36	24	3/8	1811	585	1796	585	
24'-5"	N/A				N/A			10	3/4	7 1/2	36	13/16 x 1	36	22	3/8	1985	610	1971	610	
25'-5"	N/A				N/A			9	3/4	7 1/2	36	13/16 x 1	36	20	3/8	2159	635	2145	635	
26'-5"	N/A				N/A			9	3/4	7 1/2	35	13/16 x 1	35	19	3/8	2332	660	2318	66	
27'-5"	N/A				N/A			8	3/4	7 1/2	32	13/16 x 1	32	17	3/8	2506	686	2492	68	
28'-5"	N/A				N/A			8	3/4	7 1/2	30	13/16 x 1	30	16	3/8	2680	711	2666	71	
29'-5"	N/A				N/A			7	3/4	7 1/2	28	13/16 x 1	28	15	3/8	2855	736	2841	73	
30'-5"	N/A				N/A			7	3/4	7 1/2	27	13/16 x 1	27	14	3/8	3030	762	3017	76	
31'-5"	N/A				N/A			N/A			25	13/16 x 1	25	13	3/8	3207	787	3194	78	
32'-5"	N/A				N/A			N/A			24	13/16 x 1	24	13	3/8	3385	813	3372	81	





dimensions are in inches & tolerances are:

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0.000 = +/- 0.031FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG

Unless otherwise specified,

WIND LOAD CONFIGURATION INSULATED ROLLING STEEL DOOR CP0001/CP0651 SLAT NON-IMPACT RATED

SCALE: SHEET: DRAWN BY: SIZE: TJE AS NOTED 36/58

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

							CP00	01/CP0651 -	0.0296/0	.0220 Minim	um Thickn	ess Galvani	ted or Stain	less Steel -	60 PSF								
											Concret	e Minimum	3,000 PSI (Compressive	Strength (Anchors are	the same of	diameter as	assembly fa	steners)			
1212	Windlock			207	Windlock	Assembly	Assembly		Hilti Kv	vik Bolt 3			Simpson	Wedge All			Red Hea	d Tru-Bolt			Powers V	Vedge-Bolt	
DBG Up To	Flat Location	Slip	Windlock	Guide Assembly	Weld Pitch	Fastener Diameter	Fastener Spacing	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Mín. Wall Thick.	Edge Dist
5'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	28	2 3/8	4	5 3/4	12	2 5/8	3 15/16	5 3/4	13	3	4 1/2	5 3/4	10	2	3	5 3/4
6'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	16	2 3/8	.5	5 3/4	10	2 5/8	3 15/16	5 3/4	11	3	4 1/2	5 3/4	8	2	3	5 3/4
7'-5"	N/A	N/A	N/A	344*	N/A	3/8	24			I/A		9	2 5/8	3 15/16	5 3/4	9	3	4 1/2	5 3/4	7	2	3	5 3/4
8'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		1	I/A		8	2 5/8	3 15/16	5 3/4	8	3	4 1/2	5 3/4	6	2	3	5 3/4
9'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		1	I/A		7	2 5/8	3 15/16	5 3/4	7	3	4 1/2	5 3/4	5	2	3	5 3/4
12'-5"	1 5/16	0.532	CP0629	DC1	12	1/2	18	16	3 1/2	5 1/4	5 3/4	16	4 1/2	6 3/4	5 3/4		N	I/A				I/A	
14'-5"	1 5/16	0.469	CP0630	445	8	1/2	14			N/A		9	4 1/2	6 3/4	6 13/16	7	4 1/8	6 3/16	6 13/16	7	4	6	6 13/16
15'-5"	1 3/8	0.531	CP0630	446	8	5/8	18	N/A N/A			10	4 1/2	6 3/4	6 7/8	8	7 1/2	11 1/4	6 7/8	9	5	7 1/2	6 7/8	
16'-5"	1 1/2	0.656	CP0630	446	8	5/8	18	N/A			10	4 1/2	6 3/4	6 7/8		N	I/A		8	5	7 1/2	6 7/8	
17'-5"	1 5/8	0.781	CP0630 & CP0647	546	7	5/8	17	N/A N/A			9	4 1/2	6 3/4	6 7/8			N/A		8	5	7 1/2	6 7/8	
18'-5"	1 3/4	0.906	CP0630 & CP0647	546	7	5/8	16		1	N/A		8	4 1/2	6 3/4	6 7/8		1	N/A		7	5	7 1/2	6 7/8
19'-5"	1 7/8	1.031	CP0630 & CP0647	546	7	5/8	15			N/A		8	4 1/2	6 3/4	6 7/8		1	N/A		7	5	7 1/2	6 7/8
20'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	14		1	V/A		7	4 1/2	6 3/4	6 7/8		1	N/A			1	I/A	
21'-5"	2 1/8	1.281	CP0630 & CP0647	548	7	3/4	18			V/A		10	5	7 1/2	7 1/2	11	6 5/8	9 15/16	7 1/2			I/A	
22'-5"	2 3/8	1.531	CP0630 & CP0647	548	7	3/4	18			V/A		9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2		1	N/A	
23'-5"	2 1/2	1.656	CP0630 & CP0647	548	6	3/4	18		1	N/A		9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2			N/A	
24'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	16			N/A		8	5	7 1/2	7 1/2	8	6 5/8	9 15/16	7 1/2		P	N/A	
25'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	15	N/A			8	5	7 1/2	7 1/2	6	6 5/8	9 15/16	7 1/2		- 1	N/A		
26'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	14	N/A			7	5	7 1/2	7 1/2	5	6 5/8	9 15/16	7 1/2			N/A		
27'-5"	2 1/2	1.656	CP0630 & CP0647	648	5	3/4	13	N/A			7	5	7 1/2	7 1/2		1	V/A			1	N/A		
28'-5"	2 1/2	1.656	CP0630 & CP0647	648	5	3/4	13	N/A N/A				1		N/A			. 1	N/A				N/A	
29'-5"	2 1/2	1.656	CP0630 & CP0647	648	5	3/4	12	19-	1	N/A			٨	N/A			- 1	N/A			1	N/A	





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INSULATED ROLLING STEEL DOOR
CP0001/CP0651 SLAT NON-IMPACT RATED

TJE B AS NOTED 37/58

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

					- 10	Filled CMU						Steel (Wa	all anchors are	the same d	liameter as	assembly				
DBG		Hiltí Kv	vik Bolt 3			Simpson St	trong-Bolt 2	2	TI	hrough Bo	olt	w	elded	Through Bolt	Тар	ped		Superimpo	osed Loads	
Up To	Max O.C.	Dia.	Embed	Edge Dist	Max O.C.	Dia.	Embed	Edge Dist	Max. O.C.	Dia.	Edge Distance	Max O.C.	Slot Size	Max O.C.	Max O.C.	Min. Thickness	Vx (+)	Vy (+)	Vx (-)	Vy (-)
5'-5"	8	1/2	3 1/2	5 3/4	11	3/4	5 1/4	5 3/4	12	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	165	0	163
6'-5"	8	3/4	3 1/4	5 3/4	10	3/4	5 1/4	5 3/4	10	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	195	0	193
7'-5"	11	3/4	4 3/8	5 3/4	8	3/4	5 1/4	5 3/4	9	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	225	0	223
8'-5"	9	3/4	4 3/8	5 3/4		N	/A		8	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	255	0	253
9'-5"	8	3/4	4 3/8	5 3/4		N	/A		7	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	285	0	283
12'-5"	8	1/2	3 1/2	5 3/4	8	1/2	4 1/2	5 3/4		N/A		18	9/16 X 3/4	18	18	1/4	412	375	365	373
14'-5"		1	I/A			N	/A		9	1/2	6 13/16	17	9/16 x 3/4	17	9	1/4	1388	435	1351	436
15'-5"		N/A N/A					10	5/8	6 7/8	23	11/16 x 7/8	23	12	5/16	1613	465	1579	466		
16'-5"		74.5				I/A		10	5/8	6 7/8	22	11/16 x 7/8	22	12	5/16	1688	495	1659	49	
17'-5"		1	N/A			N	I/A		9	5/8	6 7/8	21	11/16 x 7/8	21	11	5/16	1777	524	1752	52
18'-5"		1	N/A			N	I/A		8	5/8	6 7/8	20	11/16 x 7/8	20	11	5/16	1873	554	1851	555
19'-5"		ř	V/A			N	I/A		8	5/8	6 7/8	19	11/16 x 7/8	19	10	5/16	1970	583	1951	58
20'-5"			N/A			N	I/A		7	5/8	6 7/8	18	11/16 x 7/8	18	10	5/16	2067	613	2050	614
21'-5"		1	N/A			N	I/A		10	3/4	7 1/2	36	13/16 x 1	36	20	3/8	2173	644	2150	64
22'-5"		1	N/A			N	I/A		9	3/4	7 1/2	36	13/16 x 1	36	20	3/8	2152	672	2133	67
23'-5"		- 1	N/A			N	I/A		9	3/4	7 1/2	36	13/16 x 1	36	19	3/8	2252	702	2235	70
24'-5"		-	N/A			N	I/A		8	3/4	7 1/2	33	13/16 x 1	33	18	3/8	2455	732	2439	73
25'-5"		N/A N/A						8	3/4	7 1/2	30	13/16 x 1	30	16	3/8	2658	762	2642	76	
26'-5"		N/A N/A						7	3/4	7 1/2	28	13/16 x 1	28	15	3/8	2861	793	2845	79:	
27'-5"		N/A N/A						7	3/4	7 1/2	26	13/16 x 1	26	14	3/8	3065	823	3049	82	
28'-5"			N/A				I/A			N/A		25	13/16 x 1	25	13	3/8	3270	854	3254	85
29'-5"			N/A			1	I/A			N/A		23	13/16 x 1	23	12	3/8	3476	884	3460	88





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INSULATED ROLLING STEEL DOOR
CP0001/CP0651 SLAT NON-IMPACT RATED

Unless otherwise specified, dimensions are in inches & tolerances are:

0.000 = +/- 0.031 FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG

DRAWN BY: SIZE: SCALE: SHEET:

TJE B AS NOTED 38/58

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

							CP000	01/CP0651	- 0.0296/0.	0220 Minin		March Co. Co.		iless Steel -									
											Concret	e Minimum	3,000 PSI	Compressive	e Strength (Anchors are	the same	diameter as	assembly fa	steners)			
DBG	Windlock			Guide	Windlock	Assembly	Assembly		Hilti Kw	ik Bolt 3			Simpson	Wedge All			Red Hea	d Tru-Bolt			Powers W	/edge-Bolt	
Up To	Flat Location	Slip	Windlock	Assembly	Weld Pitch	Fastener Diameter	Fastener Spacing	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dis
5'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	16	2 3/8	4	5 3/4	11	2 5/8	3 15/16	5 3/4	12	3	4 1/2	5 3/4	9	2	3	5 3/4
6'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	6	2 3/8	5	5 3/4	9	2 5/8	3 15/16	5 3/4	10	3	4 1/2	5 3/4	7	2	3	5 3/4
7'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	/A.		8	2 5/8	3 15/16	5 3/4	8	3	4 1/2	5 3/4	6	2	3	5 3/4
8'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	I/A		7	2 5/8	3 15/16	5 3/4	7	3	4 1/2	5 3/4	6	2	3	5 3/4
9'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	I/A		6	2 5/8	3 15/16	5 3/4	7	3	4 1/2	5 3/4	5	2	3	5 3/4
12'-5"	1 5/16	0.532	CP0629	DC1	12	1/2	18	16	3 1/2	5 1/4	5 3/4	16	4 1/2	6 3/4	5 3/4			I/A			N	/A	
15'-5"	1 3/8	0.531	CP0630 & CP0647	546	7	5/8	17	N/A			9	4 1/2	6 3/4	6 7/8	6	7 1/2	11 1/4	6 7/8	8	5	7 1/2	6 7/8	
16'-5"	1 7/16	0.594	CP0630 & CP0647	546	7	5/8	15	N/A			8	4 1/2	6 3/4	6 7/8		1	I/A			N	/A		
17'-5"	1 1/2	0.656	CP0630 & CP0647	548	6	3/4	18		N	I/A		10	5	7 1/2	7 1/2	11	6 5/8	9 15/16	7 1/2		N	/A	
18'-5"	1 5/8	0.781	CP0630 & CP0647	548	6	3/4	18		N	I/A		9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2		N	/A	
19'-5"	1 3/4	0.906	CP0630 & CP0647	548	6	3/4	18		N	I/A		9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2		N	/A	
20'-5"	1 7/8	1.031	CP0630 & CP0647	548	6	3/4	18		N	I/A		9	5	7 1/2	7 1/2	9	6 5/8	9 15/16	7 1/2		N	/A	
21'-5"	2	1.156	CP0630 & CP0647	548	6	3/4	17		N	I/A		8	5	7 1/2	7 1/2	8	6 5/8	9 15/16	7 1/2		N	I/A	
22'-5"	2 1/4	1.406	CP0630 & CP0647	648	6	3/4	16		N	I/A		8	5	7 1/2	7 1/2	8	6 5/8	9 15/16	7 1/2		N	I/A	
23'-5"	2 3/8	1.531	CP0630 & CP0647	648	6	3/4	16		N	I/A		8	5	7 1/2	7 1/2	7	6 5/8	9 15/16	7 1/2			I/A	
24'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	15	N/A			7	5	7 1/2	7 1/2	6	6 5/8	9 15/16	7 1/2			I/A		
25'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	14	N/A			7	5	7 1/2	7 1/2		1	N/A			٨	I/A		
26'-5"	2 1/2	1.656	CP0630 & CP0647	648	5	3/4	13	N/A						I/A			. 1	V/A			1	I/A	
27'-5"	2 1/2	1.656	CP0630 & CP0647	648	5	3/4	12	N/A N/A					. 1	I/A			-	V/A			N	I/A	





24 ELMWOOD AVE 1901 S. LITCHFIELD RD

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Unless otherwise specified, dimensions are in inches & tolerances are:

0.000 = +/- 0.031FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG

WIND LOAD CONFIGURATION INSULATED ROLLING STEEL DOOR CP0001/CP0651 SLAT NON-IMPACT RATED

SCALE: SHEET: AS NOTED 39/58 TJE B ...

DWG NO:
ES-16-65-TCCI SIZE: DRAWN BY:

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

						CP0001	/CP0651 - 0	0.0296/0.02	20 Minimun	n Thicknes	s Galvanize		ss Steel - 65 PS							
						Filled CMU						Steel (Wa	all anchors are	the same d asteners)	liameter as	assembly		Superimp	osed Loads	
DBG		Hilti Kw	ik Bolt 3			Simpson St	rong-Bolt 2		т	hrough Bo	olt	w	elded	Through Bolt	Тар	ped		Superimp	3500 10003	
Up To	Max O.C.	Dia.	Embed	Edge Dist	Max O.C.	Dia.	Embed	Edge Dist	Max. O.C.	Dia.	Edge Distance	Max O.C.	Slot Size	Max O.C.	Max O.C.	Min. Thickness	Vx (+)	Vy (+)	Vx (-)	Vy (-)
5'-5"	8	3/4	3 1/4	5 3/4	10	3/4	5 1/4	5 3/4	11	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	179	0	177
6'-5"	12	3/4	4 3/8	5 3/4	9	3/4	5 1/4	5 3/4	9	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	212	0	209
7'-5"	10	3/4	4 3/8	5 3/4	8	3/4	5 1/4	5 3/4	8	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	244	0	242
8'-5"	9	3/4	4 3/8	5 3/4		N	/A		7	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	277	0	274
9'-5"	8	3/4	4 3/8	5 3/4		N	/A		6	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	309	0	307
12'-5"	8	1/2	3 1/2	5 3/4	8	1/2	4 1/2	5 3/4		N/A		18	9/16 X 3/4	18	18	1/4	566	406	517	404
15'-5"	N/A N/A							9	5/8	6 7/8	20	11/16 x 7/8	20	11	5/16	1826	504	1790	505	
16'-5"		N	/A			N	/A		8	5/8	6 7/8	18	11/16 x 7/8	18	10	5/16	2040	537	2007	538
17'-5"		N	/A			. N	/A		10	3/4	7 1/2	36	13/16 x 1	36	19	3/8	2254	570	2211	571
18'-5"			I/A			N	/A		9	3/4	7 1/2	35	13/16 x 1	35	19	3/8	2312	602	2274	603
19'-5"		٨	I/A			N	/A		9	3/4	7 1/2	34	13/16 x 1	34	18	3/8	2385	634	2351	635
20'-5"			/A			N	/A		9	3/4	7 1/2	33	13/16 x 1	33	18	3/8	2465	666	2435	667
21'-5"		N	I/A			N	/A		8	3/4	7 1/2	32	13/16 x 1	32	17	3/8	2550	698	2524	699
22'-5"		N	I/A			N	/A		8	3/4	7 1/2	32	13/16 x 1	32	17	3/8	2494	729	2472	730
23'-5"			I/A			N	/A		8	3/4	7 1/2	31	13/16 x 1	31	17	3/8	2592	761	2573	762
24'-5"	N/A N/A							7	3/4	7 1/2	30	13/16 x 1	30	16	3/8	2690	793	2673	794	
25'-5"	N/A N/A								7	3/4	7 1/2	28	13/16 x 1	28	15	3/8	2908	826	2890	827
26'-5"		1	I/A			N	/A			N/A		26	13/16 x 1	26	14	3/8	3126	859	3108	860
27'-5"		1	I/A		-	N	/A			N/A		24	13/16 x 1	24	13	3/8	3344	892	3327	893





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0.000 = +/- 0.031FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG

WIND LOAD CONFIGURATION INSULATED ROLLING STEEL DOOR CP0001/CP0651 SLAT NON-IMPACT RATED

SCALE: SHEET: SIZE: DRAWN BY: AS NOTED 40/58 TJE

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

							CPOOL	01/CP0651 -	0.0296/0.	UZZU MININ	Concret	e Minimum	3 000 PSI	Compressive	e Strength (Anchors are	the same	diameter as a	assembly fa	steners)			
					MEndlad	Assessbile	Assembly		Hilti Kw	vik Bolt 3	Concret	e williamani		Wedge All	e strenger (d Tru-Bolt				Vedge-Bolt	
DBG Up To	Windlock Flat Location	Slip	Windlock	Guide Assembly	Windlock Weld Pitch	Assembly Fastener Diameter	Fastener Spacing	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist
5'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	6	2 3/8	4	5 3/4	10	2 5/8	3 15/16	5 3/4	11	3	4 1/2	5 3/4	8	2	3	5 3/4
6'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	I/A		9	2 5/8	3 15/16	5 3/4	9	3	4 1/2	5 3/4	7	2	3	5 3/4
7'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	I/A		8	2 5/8	3 15/16	5 3/4	8	3	4 1/2	5 3/4	6	2	3	5 3/4
8'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	I/A		7	2 5/8	3 15/16	5 3/4	7	3	4 1/2	5 3/4	5	2	3	5 3/4
15'-5"	1 5/16	0.469	CP0630 & CP0647	546	6	5/8	14		N	I/A		7	4 1/2	6 3/4	6 7/8		1	I/A				I/A	
16'-5"	1 3/8	0.531	CP0630 & CP0647	548	6	3/4	18	N/A			9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2			I/A		
17'-5"	1 7/16	0.594	CP0630 & CP0647	548	6	3/4	18	N/A N/A			8	5	7 1/2	7 1/2		- 1	I/A				I/A		
18'-5"	1 1/2	0.656	CP0630 & CP0647	548	6	3/4	16		- 1	I/A		8	5	7 1/2	7 1/2	6	6 5/8	9 15/16	7 1/2			I/A	
19'-5"	1 5/8	0.781	CP0630 & CP0647	648	6	3/4	16		N	I/A		7	5	7 1/2	7 1/2	6	6 5/8	9 15/16	7 1/2			N/A	
20'-5"	1 3/4	0.906	CP0630 & CP0647	648	6	3/4	15		N	I/A		7	5	7 1/2	7 1/2	5	6 5/8	9 15/16	7 1/2			N/A	
21'-5"	1 7/8	1.031	CP0630 & CP0647	648	6	3/4	15			I/A		7	5	7 1/2	7 1/2		- 1	V/A				N/A	
22'-5"	2	1.156	CP0630 & CP0647	648	5	3/4	14		1	N/A		7	5	7 1/2	7 1/2		- 4	N/A				N/A	
23'-5"	2 1/8	1.281	CP0630 & CP0647	648	5	3/4	14		- 1	N/A		7	5	7 1/2	7 1/2			N/A				N/A	
24'-5"	2 3/8	1.531	CP0630 & CP0647	648	5	3/4	13	N/A			7	5	7 1/2	7 1/2		- 1	N/A				N/A		
25'-5"	2 1/2	1.656	CP0630 & CP0647	648	5	3/4	13	N/A					-	N/A			- 1	N/A				V/A	
26'-5"	2 1/2	1.656	CP0630 & CP0647	648	5	3/4	12	N/A N/A						N/A			1	N/A				N/A	

					1.4	Filled CMU	b					Steel (Wa	Il anchors are	the same of fasteners)	iameter as	assembly		Superimpo	sed Loads	
DBG		Hilti Kv	vik Bolt 3			Simpson S	trong-Bolt 2	2	Т	hrough Bo	olt	W	elded	Through Bolt	Тар	oped		Superimpe	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Up To	Max O.C.	Dia.	Embed	Edge Dist	Max O.C.	Dia.	Embed	Edge Dist	Max. O.C.	Dia.	Edge Distance	Max O.C.	Slot Size	Max O.C.	Max O.C.	Min. Thickness	Vx (+)	Vy (+)	Vx (-)	Vy (-)
5'-5"	8	3/4	3 1/4	5 3/4	10	3/4	5 1/4	5 3/4	10	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	193	0	190
6'-5"	11	3/4	4 3/8	5 3/4	8	3/4	5 1/4	5 3/4	9	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	228	0	225
7'-5"	9	3/4	4 3/8	5 3/4		N	I/A		8	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	263	0	260
8'-5"	8	3/4	4 3/8	5 3/4		- 1	I/A		7	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	298	0	295
15'-5"		- 1	N/A		N/A				7	5/8	6 7/8	16	11/16 x 7/8	16	9	5/16	2234	544	2193	545
16'-5"		N/A N/A N/A						9	3/4	7 1/2	33	13/16 x 1	33	18	3/8	2457	580	2405	580	
17'-5"			N/A			N	I/A		8	3/4	7 1/2	31	13/16 x 1	31	16	3/8	2651	615	2603	616
18'-5"			N/A				I/A.		8	3/4	7 1/2	29	13/16 x 1	29	15	3/8	2837	651	2793	651
19'-5"		-	N/A			1	I/A	100	7	3/4	7 1/2	28	13/16 x 1	28	15	3/8	2866	685	2826	685
20'-5"			N/A			1	V/A		7	3/4	7 1/2	28	13/16 x 1	28	15	3/8	2917	719	2881	720
21'-5"			N/A				N/A		7	3/4	7 1/2	27	13/16 x 1	27	15	3/8	2981	753	2950	754
22'-5"	N/A N/A N/A						7	3/4	7 1/2	26	13/16 x 1	26	14	3/8	3055	788	3026	788		
23'-5"	N/A N/A						7	3/4	7 1/2	26	13/16 x 1	26	14	3/8	3134	822	3108	823		
24'-5"		N/A N/A						7	3/4	7 1/2	26	13/16 x 1	26	14	3/8	3062	855	3041	856	
25'-5"			N/A			- 1	N/A			N/A		25	13/16 x 1	25	14	3/8	3157	890	3139	891
26'-5"			N/A			- 1	V/A		1	N/A		24	13/16 x 1	24	13	3/8	3390	925	3371	926

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WIND LOAD CONFIGURATION INSULATED ROLLING STEEL DOOR CP0001/CP0651 SLAT NON-IMPACT RATED

SCALE: SHEET: DRAWN BY: SIZE: AS NOTED 41/58 TJE

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

	, ,						CP000	01/CP0651	- 0.0405/0	0220 Minin		ess Galvania											
											Concret	te Minimum			e Strength (Anchors are	the same o	liameter as	assembly fa	steners)			
DBG	Windlock		Continu	Guide	Windlock	Assembly	Assembly		Hilti Kv	rik Bolt 3			Simpson	Wedge All			Red Hear	d Tru-Bolt			Powers V	/edge-Bolt	1
Up To	Flat Location	Slip	Windlock	Assembly	Weld Pitch	Fastener Diameter	Fastener Spacing	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist
5'-5"	N/A	N/A	CP0407	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	36	2 5/8	3 15/16	5 3/4	36	3	4 1/2	5 3/4	30	2	3	5 3/4
6'-5"	N/A	N/A	CP0407	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	32	2 5/8	3 15/16	5 3/4	33	3	4 1/2	5 3/4	25	2	3	5 3/4
7'-5"	N/A	N/A	CP0407	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	28	2 5/8	3 15/16	5 3/4	28	3	4 1/2	5 3/4	22	2	3	5 3/4
8'-5"	N/A	N/A	CP0407	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	24	2 5/8	3 15/16	5 3/4	25	3	4 1/2	5 3/4	19	2	3	5 3/4
9'-5"	N/A	N/A	CP0407	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	22	2 5/8	3 15/16	5 3/4	22	3	4 1/2	5 3/4	17	2	3	5 3/4
10'-5"	N/A	N/A	CP0407	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	20	2 5/8	3 15/16	5 3/4	20	3	4 1/2	5 3/4	15	2	3	5 3/4
11'-5"	N/A	N/A	CP0407	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	18	2 5/8	3 15/16	5 3/4	18	3	4 1/2	5 3/4	14	2	3	5 3/4
12'-5"	N/A	N/A	CP0407	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	16	2 5/8	3 15/16	5 3/4	17	3	4 1/2	5 3/4	13	2	3	5 3/4
13'-5"	N/A	N/A	CP0407	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	15	2 5/8	3 15/16	5 3/4	16	3	4 1/2	5 3/4	12	2	3	5 3/4
14'-5"	N/A	N/A	CP0407	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	14	2 5/8	3 15/16	5 3/4	14	3	4 1/2	5 3/4	11	2	3	5 3/4
15'-5"	N/A	N/A	CP0407	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	13	2 5/8	3 15/16	5 3/4	13	3	4 1/2	5 3/4	10	2	3	5 3/4
16'-5"	N/A	N/A	CP0407	344*	N/A	3/8	24	28	2 3/8	4	5 3/4	12	2 5/8	3 15/16	5 3/4	13	3	4 1/2	5 3/4	10	2	3	5 3/4
17'-5"	N/A	N/A	CP0407	344*	N/A	3/8	24	19	2 3/8	4	5 3/4	12	2 5/8	3 15/16	5 3/4	12	3	4 1/2	5 3/4	9	2	3	5 3/4
18'-5"	N/A	N/A	CP0407	344*	N/A	3/8	24	11	2 3/8	4	5 3/4	11	2 5/8	3 15/16	5 3/4	11	3	4 1/2	5 3/4	9	2	3	5 3/4
19'-5"	1 1/2	0.719	CP0629	344	12	3/8	18	36	2 3/8	4	5 3/4	14	2 5/8	3 15/16	5 3/4	14	3	4 1/2	5 3/4	9	2	3	5 3/4
20'-5"	1 1/2	0.719	CP0629	344	12	3/8	18	12	2 3/8	.5	5 3/4	10	2 5/8	3 15/16	5 3/4	11	3	4 1/2	5 3/4	6	2	3	5 3/4
21'-5"	1 1/2	0.719	CP0629	344	12	3/8	15			I/A		8	2 5/8	3 15/16	5 3/4	8	3	4 1/2	5 3/4	5	2	3	5 3/4
22'-5"	1 1/2	0.719	CP0629	344	11	3/8	13			I/A		7	2 5/8	3 15/16	5 3/4	7	3	4 1/2	5 3/4	4	2	3	5 3/4
23'-5"	1 1/2	0.719	CP0629	344	11	3/8	11		- 1	I/A		6	2 5/8	3 15/16	5 3/4	6	3	4 1/2	5 3/4	4	2 1/2	3 3/4	5 3/4
24'-5"	2	1.219	CP0629	445	12	1/2	18	36	3 5/8	6	6 13/16	17	4 1/2	6 3/4	6 13/16	13	4 1/8	6 3/16	6 13/16	7	2 1/2	3 3/4	6 13/16
25'-5"	2	1.219	CP0629	445	11	1/2	18	36	3 5/8	6	6 13/16	15	4 1/2	6 3/4	6 13/16	12	4 1/8	6 3/16	6 13/16	7	2 1/2	3 3/4	6 13/16
26'-5"	2	1.219	CP0629	445	11	1/2	18	36	3 5/8	6	6 13/16	13	4 1/2	6 3/4	6 13/16	11	4 1/8	6 3/16	6 13/16	6	2 1/2	3 3/4	6 13/10
27'-5"	2	1.156	CP0630	445	10	1/2	18	36	3 5/8	8	6 13/16	12	4 1/2	6 3/4	6 13/16	9	4 1/8	6 3/16	6 13/16	8	3 1/2	5 1/4	6 13/16
28'-5"	2	1.156	CP0630	445	9	1/2	17	28	3 5/8	8	6 13/16	11	4 1/2	6 3/4	6 13/16	8	4 1/8	6 3/16	6 13/16	7	3 1/2	5 1/4	6 13/1
29'-5"	2	1.156	CP0630	445	9	1/2	15		1	V/A		10	4 1/2	6 3/4	6 13/16	8	4 1/8	6 3/16	6 13/16	6	3 1/2	5 1/4	6 13/16
30'-5"	2	1.156	CP0630	445	9	1/2	14			N/A		9	4 1/2	6 3/4	6 13/16	7	4 1/8	6 3/16	6 13/16	6	3 1/2	5 1/4	6 13/10
31'-5"	2	1.156	CP0630	445	8	1/2	14		1	N/A		8	4 1/2	6 3/4	6 13/16	7	4 1/8	6 3/16	6 13/16	6	3 1/2	5 1/4	6 13/1
32'-5"	2	1.156	CP0630	445	8	1/2	13		1	N/A		8	4 1/2	6 3/4	6 13/16	6	4 1/8	6 3/16	6 13/16	7	4	6	6 13/1
33'-5"	2	1.156	CP0630	446	8	5/8	18		1	N/A		10	4 1/2	6 3/4	6 7/8		1	I/A		9	5	7 1/2	6 7/8
34'-5"	2	1.156	CP0630	446	8	5/8	18		_	N/A		10	4 1/2	6 3/4	6 7/8		1	N/A		9	5	7 1/2	6 7/8
35'-5"	2	1.156	CP0630	446	7	5/8	18	-	_	N/A		9	4 1/2	6 3/4	6 7/8			i/A		8	5	7 1/2	6 7/8
36'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	17			N/A		9	4 1/2	6 3/4	6 7/8		1	N/A		8	5	7 1/2	6 7/8
37'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	16		_	N/A		8	4 1/2	6 3/4	6 7/8		1	N/A		7	5	7 1/2	6 7/8
38'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	15			N/A		8	4 1/2	6 3/4	6 7/8		1	N/A			1	N/A	
39'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	15			N/A		8	4 1/2	6 3/4	6 7/8		1	N/A			· ·	N/A	
40'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18	22	5 5/8	T 8	7 1/2	12	5	7 1/2	7 1/2	13	6 5/8	9 15/16	7 1/2		- 1	N/A	





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0.000 = +/- 0.031FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG

WIND LOAD CONFIGURATION INSULATED ROLLING STEEL DOOR CP0001/CP0651 SLAT NON-IMPACT RATED

DRAWN BY: SIZE:

TJE B ...

DWG NO:
ES-16-65-TCCI SCALE: SHEET: AS NOTED 42/58

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

													C	P0001/CP06	51 - 0.040	5/0.0220 Mi	nimum Thic	kness Galv	ranized or S	ainless Ste	el - 20 PSF,	Cont.													
						Filled CM	U									C	racked Cond	rete Minin	num 3,000 F	SI Compre	ssive Streng	th					Steel (W	all anchors are	the same of fasteners)	liameter as	assembly		Superimpo	sed Loads	
DBG		Hilti Kw	rik Bolt 3			Simpson	Strong-Bolt 2	2		Through Bo	lt		Hi	ilti Kwik Bolt	TZ			Simp	son Strong-	3olt 2			ITW	Redhead Tr	ubolt+		W	/elded	Through Bolt	Тар	ped	100			
Up To	Max O.C.	Dia.	Embed	Edge Dist	Max O.C.	Dia.	Embed	Edge Dist	Max. O.C.	Dia.	Edge Distance	Max O.C.	Dia.	Embed.	Min Wall	Edge Dist	Max O.C.	Dia.	Embed.	Min Wall Thick.	Edge Dist	Max O.C.	Dia.	Embed.	Min Wall Thick.	Edge Dist	Max O.C.	Slot Size	Max O.C.	Max O.C.	Min. Thickness	Vx (+)	Vy (+)	Vx (-)	Vy (-)
5'-5"	9	3/8	1 5/8	5 3/4	15	3/8	2 5/8	5 3/4	36	3/8	5 3/4	36	3/8	2 5/16	4	5 3/4	36	3/8	1 7/8	3 1/4	5 3/4	36	3/8	2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	55	0	55
6'-5"	18	3/8	2 1/2	5 3/4	12	3/8	2 5/8	5 3/4	32	3/8	5 3/4	36	3/8	2 5/16	4	5 3/4	36	3/8	1 7/8	3 1/4	5 3/4	19	3/8	2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	65	0	65
7'-5"	16	3/8	2 1/2	5 3/4	11	3/8	2 5/8	5 3/4	28	3/8	5 3/4	36	3/8	2 5/16	4	5 3/4	36	3/8	1 7/8	3 1/4	5 3/4	36	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	75	0	75
8'-5"	14	3/8	2 1/2	5 3/4	9	3/8	2 5/8	5 3/4	24	3/8	5 3/4	36	3/8	2 5/16	4	5 3/4	28 1/2	3/8	1 7/8	3 1/4	5 3/4	36	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	85	0	85
9'-5"	12	3/8	2 1/2	5 3/4	8	3/8	2 5/8	5 3/4	22	3/8	5 3/4	22 3/4	3/8	2 5/16	4	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	95	0	95
10'-5"	11	3/8	2 1/2	5 3/4	9	1/2	3 1/2	5 3/4	20	3/8	5 3/4	7 1/8	3/8	2 5/16	4	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	22 3/4	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	105	0	105
11'-5"	10	3/8	2 1/2	5 3/4	8	1/2	3 1/2	5 3/4	18	3/8	5 3/4	7 1/8	3/8	2 5/16	5	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	10 5/16	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	115	0	115
12'-5"	9	3/8	2 1/2	5 3/4	8	1/2	3 1/2	5 3/4	16	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	125	0	125
13'-5"	8	3/8	2 1/2	5 3/4	14	3/4	5 1/4	5 3/4	15	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	135	0	135
14'-5"	8	3/8	2 1/2	5 3/4	13	3/4	5 1/4	5 3/4	14	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	22 3/4	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	145	0	145
15'-5"	8	1/2	3 1/2	5 3/4	12	3/4	5 1/4	5 3/4	13	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	12 5/8	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	155	0	155
16'-5"	8	1/2	3 1/2	5 3/4	11	3/4	5 1/4	5 3/4	12	3/8	5 3/4	22 3/4	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	28 1/2	1/2	3 3/4	8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	165	0	165 175
17'-5"	9	3/4	3 1/4	5 3/4	11	3/4	5 1/4	5 3/4	12	3/8	5 3/4	36	1/2	3 5/8	8	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	19	1/2	3 3/4	8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	175	0	185
18'-5"	8	3/4	3 1/4	5 3/4	10	3/4	5 1/4	5 3/4	11	3/8	5 3/4	36	1/2	3 5/8	- 8	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	10 5/16	1/2	3 3/4	8	5 3/4	36	7/16 x 5/8	36	36	3/16	359	185 195	345	195
19'-5"	8	3/8	2 1/2	5 3/4	13	3/4	5 1/4	5 3/4	14	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	19	1/2	2 1/2	4	5 3/4	29	7/16 x 5/8	29	19	3/16	502	205	489	205
20'-5"	8	3/4	3 1/4	5 3/4	9	3/4	5 1/4	5 3/4	10	3/8	5 3/4	36	1/2	3 5/8	8	5 3/4	28 1/2	1/2	3 7/8	6	5 3/4	16 1/4	1/2	3 3/4	8	5 3/4	21	7/16 x 5/8	21	14	3/16	637	215	625	215
21'-5"	10	3/4	4 3/8	5 3/4	8	3/4	5 1/4	5 3/4	8	3/8	5 3/4	36	3/4	5 9/16	8	5 3/4	19	3/4	4 1/8	6 3/4	5 3/4	22 3/4	3/4	4 3/8	/	5 3/4	17	7/16 x 5/8 7/16 x 5/8	14	9	3/16	768	225	756	225
22'-5"	8	3/4	4 3/8	5 3/4			N/A		7	3/8	5 3/4	36	3/4	5 9/16	8	5 3/4	36	3/4	5 3/4	8 3/4	5 3/4	19	3/4	4 3/8	8	5 3/4	12	7/16 x 5/8	12	8	3/16	894	235	883	235
23'-5"		N	/A			_	N/A	-	6	3/8	5 3/4		-	N/A	_	Lasalisa		2/4	N/A	6.2/4	T c +2/25	22.2/4	2/4	N/A 4 3/8	7	6 13/16		9/16 x 3/4	36	20	1/4	680	244	673	245
24'-5"	10	3/4	4 3/8	6 13/16	8	3/4	5 1/4	6 13/16	17	1/2	6 13/16	36	3/4	5 9/16	8	6 13/16	19	3/4	4 1/8	6 3/4	6 13/16	22 3/4	3/4	4 3/8	8	6 13/16	_	9/16 x 3/4	31	17	1/4	781	254	774	255
25'-5"	9	3/4	4 3/8	6 13/16			N/A		15	1/2	6 13/16	36	3/4	5 9/16	8	6 13/16	36	3/4	5 3/4	8 3/4	6 13/16	20 1/2	3/4	N/A		0 13/10	28	9/16 x 3/4	28	15	1/4	879	264	872	265
26'-5"	8	3/4	4 3/8	6 13/16			N/A		13	1/2	6 13/16	36	3/4	5 9/16	8	6 13/16	36	3/4	5 3/4 N/A	8 3/4	6 13/10			N/A	_	_	24	9/16 x 3/4	24	13	1/4	1011	274	1004	275
27'-5"			I/A				N/A		12	1/2	6 13/16	-		N/A			-		N/A	_		-		N/A	_	_	22	9/16 x 3/4	22	12	1/4	1108	285	1101	285
28'-5"			I/A				N/A		11	1/2	6 13/16			N/A N/A	-		-	_	N/A	_	-	+	_	N/A	_		20	9/16 x 3/4	20	11	1/4	1204	295	1197	295
29'-5"			I/A		-		N/A		10	1/2	6 13/16			N/A	-	_	-	-	N/A	_	_		_	N/A			19	9/16 x 3/4	19	10	1/4	1299	305	1292	305
30'-5"			I/A		-	_	N/A		9	1/2	6 13/16		_	N/A	-				N/A	_	_	-		N/A			17	9/16 x 3/4	17	9	1/4	1394	315	1387	315
31'-5"		_	I/A		-		N/A		8	1/2	6 13/16		_	N/A	-		-	-	N/A		_			N/A			16	9/16 x 3/4	16	9	1/4	1488	325	1482	325
32'-5"			I/A		-		N/A		8	1/2	6 7/8		-	N/A	-	_	-	_	N/A				-	N/A			23	11/16 x 7/8	23	13	5/16	1582	335	1576	336
33'-5"			I/A				N/A N/A		10	5/8	6 7/8			N/A			1		N/A					N/A			22	11/16 x 7/8	22	12	5/16	1677	345	1670	346
34'-5"	-		I/A		-		N/A N/A		9	5/8	6 7/8		-	N/A					N/A					N/A			21	11/16 x 7/8	21	11	5/16	1771	355	1764	356
35'-5"			I/A I/A		-		N/A		9	5/8	6 7/8	-		N/A	_				N/A					N/A			20	11/16 x 7/8	20	11	5/16	1866	365	1859	366
36'-5"			I/A		-		N/A		8	5/8	6 7/8			N/A					N/A					N/A			19	11/16 x 7/8	19	10	5/16	1960	375	1954	376
37'-5"			I/A		-		N/A		8	5/8	6 7/8			N/A					N/A					N/A			18	11/16 x 7/8	18	10	5/16	2056	386	2049	386
38'-5"			N/A				N/A		8	5/8	6 7/8			N/A					N/A					N/A			17	11/16 x 7/8	17	9	5/16	2151	396	2144	397
39'-5" 40'-5"			N/A		+	_	N/A	-	12	3/4	7 1/2			N/A					N/A					N/A			36	13/16 x 1	36	24	3/8	1848	405	1842	405





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Unless otherwise specified, dimensions are in inches & tolerances are:

0.000 = +/- 0.031FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG

WIND LOAD CONFIGURATION INSULATED ROLLING STEEL DOOR CP0001/CP0651 SLAT NON-IMPACT RATED

SCALE: SHEET: SIZE: DRAWN BY: TJE AS NOTED 43/58

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

							CP000	01/CP0651	- 0.0405/0.	0220 Minin		ess Galvaniz				-1,							
											Concret	e Minimum	3,000 PSI (Compressive	e Strength (Anchors are	the same o	liameter as	assembly fa	steners)	17.50 17-17-17		
DBG	Windlock	7.35	175 45 50	Guide	Windlock	Assembly	Assembly		Hilti Kw	ik Bolt 3			Simpson	Wedge All			Red Hear				Powers W	/edge-Bolt	
Up To	Flat Location	Slip	Windlock	Assembly	Weld Pitch	Fastener Diameter	Fastener Spacing	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dis
5'-5"	N/A	N/A	CP0407	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	25	2 5/8	3 15/16	5 3/4	26	3	4 1/2	5 3/4	20	2	3	5 3/4
6'-5"	N/A	N/A	CP0407	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	21	2 5/8	3 15/16	5 3/4	22	3	4 1/2	5 3/4	17	2	3	5 3/4
7'-5"	N/A	N/A	CP0407	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	18	2 5/8	3 15/16	5 3/4	19	3	4 1/2	5 3/4	14	2	3	5 3/4
8'-5"	N/A	N/A	CP0407	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	16	2 5/8	3 15/16	5 3/4	17	3	4 1/2	5 3/4	13	2	3	5 3/4
9'-5"	N/A	N/A	CP0407	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	14	2 5/8	3 15/16	5 3/4	15	3	4 1/2	5 3/4	11	2	3	5 3/4
10'-5"	N/A	N/A	CP0407	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	13	2 5/8	3 15/16	5 3/4	13	3	4 1/2	5 3/4	10	2	3	5 3/4
11'-5"	N/A	N/A	CP0407	344*	N/A	3/8	24	22	2 3/8	4	5 3/4	12	2 5/8	3 15/16	5 3/4	12	3	4 1/2	5 3/4	9	2	3	5 3/4
12'-5"	N/A	N/A	CP0407	344*	N/A	3/8	24	9	2 3/8	4	5 3/4	11	2 5/8	3 15/16	5 3/4	11	3	4 1/2	5 3/4	8	2	3	5 3/4
13'-5"	N/A	N/A	CP0407	344*	N/A	3/8	24	11	2 3/8	5	5 3/4	10	2 5/8	3 15/16	5 3/4	10	3	4 1/2	5 3/4	8	2	3	5 3/4
14'-5"	N/A	N/A	CP0407	344*	N/A	3/8	24			I/A		9	2 5/8	3 15/16	5 3/4	9	3	4 1/2	5 3/4	7	2	3	5 3/4
15'-5"	1 1/2	0.719	CP0629	344	12	3/8	18	8	2 3/8	5	5 3/4	10	2 5/8	3 15/16	5 3/4	10	3	4 1/2	5 3/4	7	2	3	5 3/4
16'-5"	1 1/2	0.719	CP0629	344	12	3/8	18	36	2 3/8	4	5 3/4	17	2 5/8	3 15/16	5 3/4	18	3	4 1/2	5 3/4	11	2	3	5 3/4
17'-5"	1 1/2	0.719	CP0629	344	12	3/8	17	14	2 3/8	5	5 3/4	11	2 5/8	3 15/16	5 3/4	11	3	4 1/2	5 3/4	6	2	3	5 3/4
18'-5"	1 1/2	0.719	CP0629	344	12	3/8	13			I/A		8	2 5/8	3 15/16	5 3/4	8	3	4 1/2	5 3/4	5	2	3	5 3/4
19'-5"	1 1/2	0.719	CP0629	344	11	3/8	11			I/A		6	2 5/8	3 15/16	5 3/4	6	3	4 1/2	5 3/4	5	2 1/2	3 3/4	5 3/4
20'-5"	2	1.219	CP0629	445	12	1/2	18	36	3 5/8	6	6 13/16	17	4 1/2	6 3/4	6 13/16	13	4 1/8	6 3/16	6 13/16	7	2 1/2	3 3/4	6 13/1
21'-5"	2	1.219	CP0629	445	11	1/2	18	36	3 5/8	6	6 13/16	14	4 1/2	6 3/4	6 13/16	11	4 1/8	6 3/16	6 13/16	6	2 1/2	3 3/4	6 13/1
22'-5"	2	1.156	CP0630	445	10	1/2	17	36	3 5/8	8	6 13/16	12	4 1/2	6 3/4	6 13/16	9	4 1/8	6 3/16	6 13/16	8	3 1/2	5 1/4	6 13/1
23'-5"	2	1.156	CP0630	445	9	1/2	15	19	3 5/8	8	6 13/16	10	4 1/2	6 3/4	6 13/16	8	4 1/8	6 3/16	6 13/16	7	3 1/2	5 1/4	6 13/1
24'-5"	2	1.156	CP0630	445	9	1/2	14			I/A		9	4 1/2	6 3/4	6 13/16	7	4 1/8	6 3/16	6 13/16	6	3 1/2	5 1/4	6 13/1
25'-5"	2	1.156	CP0630	445	8	1/2	13		1	N/A		8	4 1/2	6 3/4	6 13/16	6	4 1/8	6 3/16	6 13/16	7	4	6	6 13/1
26'-5"	2	1.156	CP0630	446	8	5/8	18			V/A.		10	4 1/2	6 3/4	6 7/8		1	I/A		9	5	7 1/2	6 7/8
27'-5"	2	1.156	CP0630	446	8	5/8	18		1	N/A		9	4 1/2	6 3/4	6 7/8		1	I/A		8	5	7 1/2	6 7/8
28'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	16		1	V/A		9	4 1/2	6 3/4	6 7/8		-)	N/A		8	5	7 1/2	6 7/8
29'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	15		1	N/A		8	4 1/2	6 3/4	6 7/8		- 1	N/A		7	5	7 1/2	6 7/8
30'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	15			V/A		8	4 1/2	6 3/4	6 7/8		!	N/A				N/A	
31'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18	28	5 5/8	8	7 1/2	12	5	7 1/2	7 1/2	13	6 5/8	9 15/16	7 1/2			N/A	
32'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18		1	N/A		11	5	7 1/2	7 1/2	12	6 5/8	9 15/16	7 1/2			N/A	
33'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18		- 1	N/A		10	5	7 1/2	7 1/2	11	6 5/8	9 15/16	7 1/2			N/A	
34'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18			N/A		10	5	7 1/2	7 1/2	11	6 5/8	9 15/16	7 1/2			N/A	
35'-5"	2 1/2	1.656	CP0630 & CP0647	548	6	3/4	18			N/A		9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2		- 1	N/A	
36'-5"	2 1/2	1.656	CP0630 & CP0647	548	6	3/4	18			N/A		9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2		- 1	N/A	
37'-5"	2 1/2	1.656	CP0630 & CP0647	548	6	3/4	17			N/A		8	5	7 1/2	7 1/2	9	6 5/8	9 15/16	7 1/2			N/A	
38'-5"	2 1/2	1.656	CP0630 & CP0647	548	6	3/4	17			N/A		8	5	7 1/2	7 1/2	8	6 5/8	9 15/16	7 1/2		- 0	N/A	
39'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	16			N/A		8	- 5	7 1/2	7 1/2	6	6 5/8	9 15/16	7 1/2			N/A	
40'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	15		- 1	N/A		7	5	7 1/2	7 1/2	5	6 5/8	9 15/16	7 1/2			N/A	





, PA GOODYEAR, AZ

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0.000 = +/- 0.031 FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG

INSULATED ROLLING STEEL DOOR
CP0001/CP0651 SLAT NON-IMPACT RATED

TJE B AS NOTED 44/58

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

													C	P0001/CP06	51 - 0.040	5/0.0220 Mi	nimum Thic	kness Galv	anized or S	Stainless Ste	el - 30 PSF	, Cont.													
						Filled CM	IU									C	Cracked Cond	rete Minin	num 3,000	PSI Compre	ssive Stren	gth					Steel (W	all anchors are t	the same of steners)	diameter as	assembly		Superimpo	sed Loads	
DBG		Hilti Kw	vik Bolt 3			Simpson	Strong-Bolt	2	1	Through Bo	lt		Н	ilti Kwik Bolt	TZ			Simp	son Strong	-Bolt 2			ITW	Redhead Tr	ubolt+		W	/elded	Through Bolt	Тај	pped		зарентро	sed codds	
Up To	Max O.C.	Dia.	Embed	Edge Dist	Max O.C.	Dia.	Embed	Edge Dist	Max. O.C.	Dia.	Edge Distance	Max O.C.	Dia.	Embed.	Min Wall Thick.	Edge Dist	Max O.C.	Dia.	Embed.	Min Wall Thick.	Edge Dist	Max O.C.	Dia.	Embed.	Min Wall Thick.	Edge Dist	Max O.C.	Slot Size	Max O.C.	. Max O.C.	Min. Thickness	Vx (+)	Vy (+)	Vx (-)	Vy (-)
5'-5"	14	3/8	2 1/2	5 3/4	10	3/8	2 5/8	5 3/4	25	3/8	5 3/4	36	3/8	2 5/16	4	5 3/4	28 1/2	3/8	1 7/8	3 1/4	5 3/4	36	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	83	0	82
6'-5"	12	3/8	2 1/2	5 3/4	8	3/8	2 5/8	5 3/4	21	3/8	5 3/4	19	3/8	2 5/16	4	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	98	0	97
7'-5"	10	3/8	2 1/2	5 3/4	9	1/2	3 1/2	5 3/4	18	3/8	5 3/4	10 5/16	3/8	2 5/16	5	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	14 1/4	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	113	0	112
8'-5"	9	3/8	2 1/2	5 3/4	15	3/4	5 1/4	5 3/4	16	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	128	0	127
9'-5"	8	3/8	2 1/2	5 3/4	13	3/4	5 1/4	5 3/4	14	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	28 1/2	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	143	0	142
10'-5"	8	1/2	3 1/2	5 3/4	12	3/4	5 1/4	5 3/4	13	3/8	5 3/4	28 1/2	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	10 5/16	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	158	0	157
11'-5"	8	1/2	3 1/2	5 3/4	11	3/4	5 1/4	5 3/4	12	3/8	5 3/4	16 1/4	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	22 3/4	1/2	3 3/4	8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	173	0	172
12'-5"	8	3/4	3 1/4	5 3/4	10	3/4	5 1/4	5 3/4	11	3/8	5 3/4	36	1/2	3 5/8	8	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	3/4	4 3/8	7	5 3/4	36	7/16 x 5/8	36	36	3/16	0	188	0	187
13'-5"	12	3/4	4 3/8	5 3/4	9	3/4	5 1/4	5 3/4	10	3/8	5 3/4	28 1/2	1/2	3 5/8	8	5 3/4	22 3/4	1/2	3 7/8	6	5 3/4	36	3/4	4 3/8	7	5 3/4	36	7/16 x 5/8	36	36	3/16	0	203	0	202
14'-5"	11	3/4	4 3/8	5 3/4	9	3/4	5 1/4	5 3/4	9	3/8	5 3/4	14 1/4	1/2	3 5/8	8	5 3/4	28 1/2	3/4	4 1/8	6 3/4	5 3/4	36	3/4	4 3/8	7	5 3/4	36	7/16 x 5/8	36	36	3/16	0	218	0	217
15'-5"	12	3/4	4 3/8	5 3/4	9	3/4	5 1/4	5 3/4	10	3/8	5 3/4	22 3/4	1/2	3 5/8	8	5 3/4	19	1/2	3 7/8	6	5 3/4	36	3/4	4 3/8	7	5 3/4	36	7/16 x 5/8	36	36	3/16	38	233	14	232
16'-5"	10	3/8	2 1/2	5 3/4	8	1/2	3 1/2	5 3/4	17	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	24	3/16	268	248	246	247
17'-5"	8	3/4	3 1/4	5 3/4	10	3/4	5 1/4	5 3/4	11	3/8	5 3/4	36	1/2	3 5/8	8	5 3/4	28 1/2	1/2	3 7/8	6	5 3/4	16 1/4	1/2	3 3/4	8	5 3/4	22	7/16 x 5/8	22	14	3/16	481	263	461	262
18'-5"	9	3/4	4 3/8	5 3/4			N/A		8	3/8	5 3/4	36	3/4	5 9/16	8	5 3/4	36	3/4	5 3/4	8 3/4	5 3/4	28 1/2	3/4	4 3/8	8	5 3/4	15	7/16 x 5/8	15	10	3/16	680	278	662	277
19'-5"		N	/A				N/A		6	3/8	5 3/4			N/A			36	3/4	5 3/4	8 3/4	5 3/4			N/A			12	7/16 x 5/8	12	8	3/16	870	293	853	292
20'-5"	10	3/4	4 3/8	6 13/16	8	3/4	5 1/4	6 13/16	17	1/2	6 13/16	36	3/4	5 9/16	8	6 13/16	36	3/4	5 3/4	8 3/4	6 13/16	22 3/4	3/4	4 3/8	7	6 13/16	36	9/16 x 3/4	36	20	1/4	663	306	652	307
21'-5"	8	3/4	4 3/8	6 13/16			N/A		14	1/2	6 13/16	36	3/4	5 9/16	8	6 13/16	36	3/4	5 3/4	8 3/4	6 13/16			N/A			30	9/16 x 3/4	30	17	1/4	811	321	801	322
22'-5"		N	I/A				N/A		12	1/2	6 13/16		-	N/A		-			N/A	1000				N/A			25	9/16 x 3/4	25	13	1/4	994	336	984	337
23'-5"		N	/A				N/A		10	1/2	6 13/16			N/A					N/A					N/A			21	9/16 x 3/4	21	12	1/4	1136	351	1127	352
24'-5"		N	/A				N/A		9	1/2	6 13/16			N/A					N/A					N/A			19	9/16 x 3/4	19	10	1/4	1276	366	1266	367
25'-5"		N	/A				N/A		8	1/2	6 13/16			N/A					N/A					N/A			17	9/16 x 3/4	17	9	1/4	1413	382	1403	382
26'-5"		N	I/A				N/A		10	5/8	6 7/8			N/A					N/A					N/A			24	11/16 x 7/8	24	13	5/16	1548	397	1539	397
27'-5"		N	/A				N/A		9	5/8	6 7/8			N/A					N/A					N/A			22	11/16 x 7/8	22	12	5/16	1683	412	1674	413
28'-5"		N	I/A				N/A		9	5/8	6 7/8	Jan		N/A					N/A					N/A			20	11/16 x 7/8	20	11	5/16	1817	427	1807	428
29'-5"		N	I/A				N/A		8	5/8	6 7/8			N/A					N/A					N/A			19	11/16 x 7/8	19	10	5/16	1950	442	1941	443
30'-5"		N	I/A				N/A		8	5/8	6 7/8			N/A					N/A					N/A			18	11/16 x 7/8	18	10	5/16	-	457	2074	458
31'-5"		N	I/A				N/A		12	3/4	7 1/2			N/A					N/A					N/A			36	13/16 x 1	36	24	3/8	1806	471	1797	472
32'-5"		N	I/A				N/A		11	3/4	7 1/2			N/A					N/A					N/A			36	13/16 x 1	36	23	3/8	1920	486	1911	487
33'-5"		N	I/A				N/A		10	3/4	7 1/2			N/A				-	N/A					N/A			36	13/16 x 1	36	22	3/8	2034	501	2025	502
34'-5"		N	I/A				N/A		10	3/4	7 1/2			N/A					N/A					N/A			36	13/16 x 1	36	20	3/8	2149	517	2140	517
35'-5"		N	I/A			1	N/A		9	3/4	7 1/2			N/A					N/A					N/A			36	13/16 x 1	36	19	3/8	2264	532	2255	532
36'-5"		N	I/A				N/A		9	3/4	7 1/2			N/A					N/A					N/A			34	13/16 x 1	34	18	3/8	2380	547	2371	547
37'-5"		N	I/A				N/A		8	3/4	7 1/2			N/A					N/A		-			N/A			33	13/16 x 1	33	18	3/8	2496	562	2487	563
38'-5"		N	I/A				N/A		8	3/4	7 1/2			N/A					N/A					N/A			31	13/16 x 1	31	17	3/8	2613	577	2604	578
39'-5"		N	I/A				N/A		8	3/4	7 1/2			N/A					N/A					N/A			30	13/16 x 1	30	16	3/8	2730	593	2721	593
40'-5"		N	I/A				N/A		7	3/4	7 1/2			N/A					N/A			1200		N/A			29	13/16 x 1	29	15	3/8	2848	608	2839	608





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Unless otherwise specified, dimensions are in inches & tolerances are:

0.000 = +/- 0.031FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG

WIND LOAD CONFIGURATION **INSULATED ROLLING STEEL DOOR** CP0001/CP0651 SLAT NON-IMPACT RATED

SCALE: SHEET: DRAWN BY: SIZE: TJE AS NOTED 45/58

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

						_	CP00	01/CP0651	- 0.0405/0.	.0220 Minin	1												
											Concret	e Minimum			Strength (Anchors are	the same d	diameter as	assembly fa	steners)			
DBG	Windlock	cti-		Guide	Windlock	Assembly			Hilti Kw	ik Bolt 3			Simpson	Wedge All			Red Head	d Tru-Bolt			Powers V	/edge-Bolt	-
Up To	Flat Location	Slip	Windlock	Assembly	Weld Pitch	Fastener Diameter	Fastener Spacing	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dis
5'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	19	2 5/8	3 15/16	5 3/4	19	3	4 1/2	5 3/4	15	2	3	5 3/4
6'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	16	2 5/8	3 15/16	5 3/4	16	3	4 1/2	5 3/4	12	2	3	5 3/4
7'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	14	2 5/8	3 15/16	5 3/4	14	3	4 1/2	5 3/4	11	2	3	5 3/4
8'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	22	2 3/8	4	5 3/4	12	2 5/8	3 15/16	5 3/4	12	3	4 1/2	5 3/4	9	2	3	5 3/4
9'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	8	2 3/8	4	5 3/4	11	2 5/8	3 15/16	5 3/4	11	3	4 1/2	5 3/4	8	2	3	5 3/4
10'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	7	2 3/8	5	5 3/4	10	2 5/8	3 15/16	5 3/4	10	3	4 1/2	5 3/4	7	2	3	5 3/4
11'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	/A		9	2 5/8	3 15/16	5 3/4	9	3	4 1/2	5 3/4	7	2	3	5 3/4
12'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	I/A		8	2 5/8	3 15/16	5 3/4	8	3	4 1/2	5 3/4	6	2	3	5 3/4
14'-5"	1 3/8	0.594	CP0629	344	12	3/8	18	36	2 3/8	4	5 3/4	15	2 5/8	3 15/16	5 3/4	15	3	4 1/2	5 3/4	12	2 1/2	3 3/4	5 3/4
15'-5"	1 1/2	0.719	CP0629	344	12	3/8	18	19	2 3/8	4	5 3/4	12	2 5/8	3 15/16	5 3/4	12	3	4 1/2	5 3/4	7	2	3	5 3/4
16'-5"	1 1/2	0.719	CP0629	344	12	3/8	13		_ N	I/A		8	2 5/8	3 15/16	5 3/4	8	3	4 1/2	5 3/4	5	2	3	5 3/4
7'-5"	1 3/4	0.969	CP0629	445	12	1/2	18	36	3 5/8	6	6 13/16	17	4 1/2	6 3/4	6 13/16	13	4 1/8	6 3/16	6 13/16	7	2 1/2	3 3/4	6 13/1
8'-5"	2	1.219	CP0629	445	12	1/2	18	36	3 5/8	6	6 13/16	15	4 1/2	6 3/4	6 13/16	12	4 1/8	6 3/16	6 13/16	7	2 1/2	3 3/4	6 13/1
19'-5"	2	1.219	CP0629	445	11	1/2	18	22	3 5/8	6	6 13/16	12	4 1/2	6 3/4	6 13/16	10	4 1/8	6 3/16	6 13/16	8	3 1/2	5 1/4	6 13/1
20'-5"	2	1.156	CP0630	445	9	1/2	15		N	I/A		10	4 1/2	6 3/4	6 13/16	8	4 1/8	6 3/16	6 13/16	7	3 1/2	5 1/4	6 13/1
21'-5"	2	1.156	CP0630	445	9	1/2	13		N	I/A		9	4 1/2	6 3/4	6 13/16	7	4 1/8	6 3/16	6 13/16	6	3 1/2	5 1/4	6 13/1
22'-5"	2	1.156	CP0630	446	8	5/8	18		N	I/A		11	4 1/2	6 3/4	6 7/8		N	I/A		9	5	7 1/2	6 7/8
23'-5"	2	1.156	CP0630	546	8	5/8	17		N	I/A		9	4 1/2	6 3/4	6 7/8		N	I/A		8	5	7 1/2	6 7/8
24'-5"	2	1,156	CP0630 & CP0647	546	7	5/8	16			I/A		9	4 1/2	6 3/4	6 7/8		N	I/A		8	5	7 1/2	6 7/8
25'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	15		N	I/A		8	4 1/2	6 3/4	6 7/8		N	I/A			N	I/A	
26'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18	28	5 5/8	8	7 1/2	12	5	7 1/2	7 1/2	13	6 5/8	9 15/16	7 1/2			/A	
27'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18		N	I/A		11	5	7 1/2	7 1/2	12	6 5/8	9 15/16	7 1/2		1	I/A	
28'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18		1	I/A		10	5	7 1/2	7 1/2	11	6 5/8	9 15/16	7 1/2			I/A	
29'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18		- 1	I/A		9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2			I/A	
30'-5"	2 1/2	1.656	CP0630 & CP0647	548	6	3/4	18			I/A		9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2		1	I/A	
31'-5"	2 1/2	1.656	CP0630 & CP0647	548	6	3/4	17		- 1	I/A		8	5	7 1/2	7 1/2	9	6 5/8	9 15/16	7 1/2			I/A	
32'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	16			I/A	-	8	5	7 1/2	7 1/2	7	6 5/8	9 15/16	7 1/2		I.	I/A	
33'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	15		1	I/A		7	5	7 1/2	7 1/2	6	6 5/8	9 15/16	7 1/2		1	I/A	
34'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	14			I/A		7	5	7 1/2	7 1/2			I/A			1	I/A	
35'-5"	2 1/2	1.656	CP0630 & CP0647	648	5	3/4	14			I/A		7	5	7 1/2	7 1/2		N	I/A				I/A	
36'-5"	2 1/2	1.656	CP0630 & CP0647	648	5	3/4	13			I/A				/A	1			I/A				I/A	
37'-5"	2 1/2	1.656	CP0630 & CP0647	648	5	3/4	13			I/A				/A			_	I/A				I/A	
38'-5"	2 1/2	1.656	CP0630 & CP0647	648	5	3/4	12			I/A		-		/A			_	I/A		-		I/A	





590

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INSULATED ROLLING STEEL DOOR
CP0001/CP0651 SLAT NON-IMPACT RATED

TJE B AS NOTED 46/58

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

													C	P0001/CP06	51 - 0.040	5/0.0220 M	inimum Thic	kness Gal	ranized or S	tainless Ste	eel - 40 PSF,	, Cont.					,								
						Filled CM	IU									(Cracked Cond	rete Mini	mum 3,000 F	SI Compre	essive Streng	gth					Steel (W	all anchors are	fasteners)	diameter as	assembly		Superimpo	sed Loads	
DBG		Hilti Kw	rik Bolt 3			Simpson	Strong-Bolt	2		Through Bo	olt		Hi	ilti Kwik Bolt	TZ			Simp	oson Strong-	Bolt 2			ITW	Redhead Tr	ubolt+		W	elded/	Through Bolt	Тар	pped		зареттро		
Up To	Max O.C.	Dia.	Embed	Edge Dist	Max O.C.	Dia.	Embed	Edge Dist	Max. O.C	Dia.	Edge Distance	Max O.C.	Dia.	Embed.	Min Wall Thick.	Edge Dist	Max O.C.	Dia.	Embed.	Min Wall Thick.	Edge Dist	Max O.C.	Dia.	Embed.	Min Wall Thick.	Edge Dist	Max O.C.	Slot Size	Max O.C.	Max O.C.	Min. Thickness	Vx (+)	Vy (+)	Vx (-)	Vy (-)
5'-5"	10	3/8	2 1/2	5 3/4	9	1/2	3 1/2	5 3/4	19	3/8	5 3/4	12 5/8	3/8	2 5/16	5	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	16 1/4	3/8	2	5	5 3/4	36	7/16 x 5/8	36	36	3/16	0	110	0	109
6'-5"	9	3/8	2 1/2	5 3/4	15	3/4	5 1/4	5 3/4	16	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	130	0	129
7'-5"	8	3/8	2 1/2	5 3/4	13	3/4	5 1/4	5 3/4	14	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	16 1/4	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	36	3/16	0	150	0	149
8'-5"	8	1/2	3 1/2	5 3/4	11	3/4	5 1/4	5 3/4	12	3/8	5 3/4	19	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	22 3/4	1/2	3 3/4	8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	170	0	169
9'-5"	8	3/4	3 1/4	5 3/4	10	3/4	5 1/4	5 3/4	11	3/8	5 3/4	36	1/2	3 5/8	8	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	36	3/4	4 3/8	7	5 3/4	36	7/16 x 5/8	36	36	3/16	0	190	0	189
10'-5"	12	3/4	4 3/8	5 3/4	9	3/4	5 1/4	5 3/4	10	3/8	5 3/4	19	1/2	3 5/8	8	5 3/4	16 1/4	1/2	3 7/8	6	5 3/4	36	3/4	4 3/8	7	5 3/4	36	7/16 x 5/8	36	36	3/16	0	210	0	209
11'-5"	11	3/4	4 3/8	5 3/4	8	3/4	5 1/4	5 3/4	9	3/8	5 3/4	36	3/4	5 9/16	8	5 3/4	22 3/4	3/4	4 1/8	6 3/4	5 3/4	22 3/4	3/4	4 3/8	7	5 3/4	36	7/16 x 5/8	36	36	3/16	0	230	0	229
12'-5"	10	3/4	4 3/8	5 3/4			N/A		8	3/8	5 3/4	36	3/4	5 9/16	8	5 3/4	36	3/4	5 3/4	8 3/4	5 3/4	36	3/4	4 3/8	8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	250	0	249
14'-5"	8	3/8	2 1/2	5 3/4	13	3/4	5 1/4	5 3/4	15	3/8	5 3/4	36	1/2	3 5/8	6	5 3/4	36	3/8	2 7/8	4 1/2	5 3/4	28 1/2	1/2	2 1/2	4	5 3/4	36	7/16 x 5/8	36	26	3/16	245	290	213	289
15'-5"	8	1/2	3 1/2	5 3/4	11	3/4	5 1/4	5 3/4	12	3/8	5 3/4	28 1/2	1/2	3 5/8	6	5 3/4	19	1/2	2 3/4	4 1/2	5 3/4	36	1/2	3 3/4	8	5 3/4	26	7/16 x 5/8	26	16	3/16	400	310	373	309
16'-5"	9	3/4	4 3/8	5 3/4		L-03	N/A		8	3/8	5 3/4	36	3/4	5 9/16	8	5 3/4	36	3/4	5 3/4	8 3/4	5 3/4	28 1/2	3/4	4 3/8	8	5 3/4	16	7/16 x 5/8	16	10	3/16	666	330	641	329
17'-5"	10	3/4	4 3/8	6 13/16			N/A		17	1/2	6 13/16	36	3/4	5 9/16	8	6 13/16	36	3/4	5 3/4	8 3/4	6 13/16	19	3/4	4 3/8	7	6 13/16	36	9/16 x 3/4	36	20	1/4	668	349	651	349
18'-5"	9	3/4	4 3/8	6 13/16			N/A		15	1/2	6 13/16	36	3/4	5 9/16	8	6 13/16	36	3/4	5 3/4	8 3/4	6 13/16	28 1/2	3/4	4 3/8	8	6 13/16	35	9/16 x 3/4	35	19	1/4	706	368	693	369
19'-5"		N	/A				N/A		12	1/2	6 13/16	22 3/4	3/4	5 9/16	8	6 13/16	36	3/4	5 3/4	8 3/4	6 13/16			N/A			27	9/16 x 3/4	27	15	1/4	899	388	886	389
20'-5"		N	/A				N/A		10	1/2	6 13/16			N/A					N/A					N/A			22	9/16 x 3/4	22	12	1/4	1130	408	1117	409
21'-5"		N	/A				N/A		9	1/2	6 13/16			N/A					N/A					N/A			18	9/16 x 3/4	18	10	1/4	1313	428	1301	429
22'-5"		N	/A				N/A		11	5/8	6 7/8			N/A					N/A					N/A			25	11/16 x 7/8	25	14	5/16	1492	448	1479	449
23'-5"		N	/A				N/A		9	5/8	6 7/8			N/A					N/A					N/A			22	11/16 x 7/8	_	12	5/16	1667	469	1655	470
24'-5"		N	/A				N/A		9	5/8	6 7/8			N/A	3.5				N/A					N/A			20	11/16 x 7/8	_	11	5/16	1841	489	1829	490
25'-5"		N	/A				N/A		8	5/8	6 7/8			N/A					N/A					N/A			18	11/16 x 7/8	_	10	5/16	2013	509	2001	510
26'-5"		N	/A				N/A		12	3/4	7 1/2			N/A					N/A					N/A			36	13/16 x 1	36	25	3/8	1761	528	1749	528
27'-5"		N	/A				N/A		11	3/4	7 1/2			N/A					N/A					N/A			36	13/16 x 1	36	23	3/8	1907	548	1895	548
28'-5"			/A		1		N/A		10	3/4	7 1/2			N/A					N/A					N/A			36	13/16 x 1	36	21	3/8	2053	568	2042	568
29'-5"		N	/A				N/A		9	3/4	7 1/2			N/A					N/A					N/A			36	13/16 x 1	36	20	3/8	2199	588	2188	589
30'-5"		N	/A				N/A		9	3/4	7 1/2			N/A					N/A					N/A			34	13/16 x 1	34	19	3/8	2345	608	2334	609
31'-5"		N	/A				N/A		8	3/4	7 1/2	10000		N/A					N/A					N/A			32	13/16 x 1	32	17	3/8	2492	629	2480	629
32'-5"		-	/A			_	N/A		8	3/4	7 1/2			N/A					N/A					N/A			31	13/16 x 1	31	16	3/8	2639	649	2627	649
33'-5"			/A				N/A	-	7	3/4	7 1/2			N/A					N/A					N/A			29	13/16 x 1	29	16	3/8	2787	669	2775	670
34'-5"			/A				N/A		7	3/4	7 1/2			N/A					N/A					N/A			28	13/16 x 1	28	15	3/8	2935	689	2924	690
35'-5"			/A				N/A		7	3/4	7 1/2			N/A					N/A					N/A			26	13/16 x 1	26	14	3/8	3085	710	3073	710
36'-5"	1		/A				N/A		13	3/4	0			N/A				-	N/A					N/A			25	13/16 x 1	25	13	3/8	3235	730	3223	731
37'-5"	4		/A				N/A		13	3/4	0			N/A					N/A			-		N/A			24	13/16 x 1	24	13	3/8	3387	750	3375	751
38'-5"		N	/A				N/A		12	3/4	0	100		N/A					N/A			1		N/A			23	13/16 x 1	23	12	3/8	3539	771	3528	771





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0.000 = +/- 0.031 FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG

INSULATED ROLLING STEEL DOOR
CP0001/CP0651 SLAT NON-IMPACT RATED

TJE B AS NOTED 47/58

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

							CP00	01/CP0651 -	0.0405/0	.0220 Minim	1401110 10-201												
											Concret	e Minimum	3,000 PSI	Compressive	e Strength (Anchors are	the same of	diameter as	assembly fa	steners)			
DBG	Windlock			Guide	Windlock	Assembly	Assembly		Hilti Kv	vik Bolt 3			Simpson	Wedge All			Red Head	d Tru-Bolt			Powers V	Vedge-Bolt	
Up To	Flat Location	Slip	Windlock	Assembly	Weld Pitch	Fastener Diameter	Fastener Spacing	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist
5'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	36	2 3/8	4	5 3/4	15	2 5/8	3 15/16	5 3/4	15	3	4 1/2	5 3/4	12	2	3	5 3/4
6'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	28	2 3/8	4	5 3/4	12	2 5/8	3 15/16	5 3/4	13	3	4 1/2	5 3/4	10	2	3	5 3/4
7'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	9	2 3/8	4	5 3/4	11	2 5/8	3 15/16	5 3/4	11	3	4 1/2	5 3/4	8	2	3	5 3/4
8'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		١	I/A		9	2 5/8	3 15/16	5 3/4	10	3	4 1/2	5 3/4	7	2	3	5 3/4
9'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		١	I/A		8	2 5/8	3 15/16	5 3/4	9	3	4 1/2	5 3/4	7	2	3	5 3/4
10'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	I/A		8	2 5/8	3 15/16	5 3/4	8	3	4 1/2	5 3/4	6	2	3	5 3/4
11'-5"	N/A	N/A	N/A	344*	N/A	3/8	24			I/A		7	2 5/8	3 15/16	5 3/4	7	3	4 1/2	5 3/4	5	2	3	5 3/4
12'-5"	1 5/16	0.532	CP0629	DC1	12	1/2	18	16	3 1/2	5 1/4	5 3/4	16	4 1/2	6 3/4	5 3/4		N	I/A			٨	N/A	
14'-5"	1 3/8	0.594	CP0629	344	12	3/8	13		-	I/A		8	2 5/8	3 15/16	5 3/4	8	3	4 1/2	5 3/4	6	2 1/2	3 3/4	5 3/4
15'-5"	1 1/2	0.719	CP0629	344	11	3/8	11		1	I/A		7	2 5/8	3 15/16	5 3/4	7	3	4 1/2	5 3/4	5	2 1/2	3 3/4	5 3/4
16'-5"	1 5/8	0.844	CP0629	445	10	1/2	18					13	4 1/2	6 3/4	6 13/16	10	4 1/8	6 3/16	6 13/16	8	3 1/2	5 1/4	6 13/16
17'-5"	1 7/8	1.031	CP0630	445	10	1/2	16	6 36 3 5/8 8 6 13/16				11	4 1/2	6 3/4	6 13/16	9	4 1/8	6 3/16	6 13/16	8	3 1/2	5 1/4	6 13/16
18'-5"	2	1.156	CP0630	445	9	1/2	14			N/A		10	4 1/2	6 3/4	6 13/16	8	4 1/8	6 3/16	6 13/16	7	3 1/2	5 1/4	6 13/16
19'-5"	2	1.156	CP0630	445	9	1/2	12			N/A		8	4 1/2	6 3/4	6 13/16	7	4 1/8	6 3/16	6 13/16	7	4	6	6 13/16
20'-5"	2	1.156	CP0630	446	8	5/8	18			N/A		10	4 1/2	6 3/4	6 7/8		N	I/A		9	5	7 1/2	6 7/8
21'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	16		1	N/A		9	4 1/2	6 3/4	6 7/8		N	I/A		8	5	7 1/2	6 7/8
22'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	14		1	V/A		8	4 1/2	6 3/4	6 7/8		N	N/A			1	N/A	
23'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18	28	5 5/8	8	7 1/2	11	5	7 1/2	7 1/2	13	6 5/8	9 15/16	7 1/2			N/A	
24'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18			N/A		10	5	7 1/2	7 1/2	12	6 5/8	9 15/16	7 1/2			N/A	
25'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18		1	N/A		10	5	7 1/2	7 1/2	11	6 5/8	9 15/16	7 1/2			N/A	
26'-5"	2 1/2	1.656	CP0630 & CP0647	548	6	3/4	18		- 1	N/A		9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2			N/A	
27'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	17			N/A		8	5	7 1/2	7 1/2	8	6 5/8	9 15/16	7 1/2			N/A	
28'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	16			N/A		8	5	7 1/2	7 1/2	7	6 5/8	9 15/16	7 1/2		- 1	N/A	
29'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	15		1	N/A		7	5	7 1/2	7 1/2	5	6 5/8	9 15/16	7 1/2		1	N/A	
30'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	14		- 1	N/A		7	5	7 1/2	7 1/2		1	N/A			-	N/A	
31'-5"	2 1/2	1.656	CP0630 & CP0647	648	5	3/4	13		. 1	N/A			- 1	N/A			1	N/A			. 1	N/A	
32'-5"	2 1/2	1.656	CP0630 & CP0647	648	5	3/4	13		- 1	N/A		1	19	N/A			1	N/A			1	N/A	





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WIND LOAD CONFIGURATION INSULATED ROLLING STEEL DOOR CP0001/CP0651 SLAT NON-IMPACT RATED

SCALE: SHEET: AS NOTED 48/58 DRAWN BY: SIZE: TJE

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

						Filled CMU						Steel (Wa	all anchors are	the same dasteners)	liameter as	assembly		Superimpo	sed Loads	
DBG		Hilti Kv	vik Bolt 3			Simpson 5	trong-Bolt 2	2	Т	hrough Bo	lt	W	elded	Through Bolt	Тар	pped		эореннре	350 10003	
Up To	Max O.C.	Dia.	Embed	Edge Dist	Max O.C.	Dia.	Embed	Edge Dist	Max. O.C.	Dia.	Edge Distance	Max O.C.	Slot Size	Max O.C.	Max O.C.	Min. Thickness	Vx (+)	Vy (+)	Vx (-)	Vy (-
5'-5"	8	3/8	2 1/2	5 3/4	14	3/4	5 1/4	5 3/4	15	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	138	0	136
6'-5"	8	1/2	3 1/2	5 3/4	12	3/4	5 1/4	5 3/4	12	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	163	0	16:
7'-5"	8	3/4	3 1/4	5 3/4	10	3/4	5 1/4	5 3/4	11	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	188	0	18
8'-5"	11	3/4	4 3/8	5 3/4	9	3/4	5 1/4	5 3/4	9	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	213	0	21
9'-5"	10	3/4	4 3/8	5 3/4	8	3/4	5 1/4	5 3/4	8	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	238	0	236
10'-5"	9	3/4	4 3/8	5 3/4		N	/A.		8	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	263	0	26
11'-5"	8	3/4	4 3/8	5 3/4		N	/A		7	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	288	0	28
12'-5"	8	1/2	3 1/2	5 3/4	8	1/2	4 1/2	5 3/4		N/A		18	9/16 X 3/4	18	18	1/4	0	313	0	31
14'-5"	10	3/4	4 3/8	5 3/4		N	I/A		8	3/8	5 3/4	17	7/16 x 5/8	17	11	3/16	607	363	571	36
15'-5"	8	3/4	4 3/8	5 3/4	N/A				7	3/8	5 3/4	14	7/16 x 5/8	14	9	3/16	762	387	733	38
16'-5"			V/A	1		N/A N/A				1/2	6 13/16	27	9/16 x 3/4	27	15	1/4	905	411	883	41
17'-5"			N/A			N	I/A		11	1/2	6 13/16	25	9/16 x 3/4	25	14	1/4	984	436	966	43
18'-5"			N/A	-	-	N	I/A		10	1/2	6 13/16	22	9/16 x 3/4	22	12	1/4	1117	460	1101	46
19'-5"			N/A			N	I/A		8	1/2	6 13/16	18	9/16 x 3/4	18	10	1/4	1343	485	1328	48
20'-5"			N/A			_	i/A		10	5/8	6 7/8	24	11/16 x 7/8	24	13	5/16	1563	510	1548	51
21'-5"			V/A	-			I/A		9	5/8	6 7/8	21	11/16 x 7/8	21	11	5/16	1778	535	1763	53
22'-5"			N/A				I/A		8	5/8	6 7/8	18	11/16 x 7/8	18	10	5/16	1989	561	1974	56
23'-5"			N/A				I/A		11	3/4	7 1/2	36	13/16 x 1	36	25	3/8	1757	585	1742	58
24'-5"			N/A				I/A		10	3/4	7 1/2	36	13/16 x 1	36	22	3/8	1936	610	1921	6:
25'-5"			N/A				I/A		10	3/4	7 1/2	36	13/16 x 1	36	21	3/8	2113	635	2098	6
26'-5"		_	N/A				N/A		9	3/4	7 1/2	35	13/16 x 1	35	19	3/8	2290	660	2276	6
27'-5"			N/A				N/A		8	3/4	7 1/2	33	13/16 x 1	33	18	3/8	2467	685	2452	68
28'-5"			N/A				N/A		8	3/4	7 1/2	30	13/16 x 1	30	16	3/8	2643	710	2629	7:
29'-5"			N/A				N/A		7	3/4	7 1/2	29	13/16 x 1	29	15	3/8	2821	736	2807	7.
30'-5"			N/A				N/A		7	3/4	7 1/2	27	13/16 x 1	27	14	3/8	2999	761	2985	7
31'-5"			N/A				N/A		14	3/4	0	25	13/16 x 1	25	14	3/8	3178	786	3164	7
32'-5"			N/A		1		N/A		13	3/4	0	24	13/16 x 1	24	13	3/8	3357	812	3343	8





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INSULATED ROLLING STEEL DOOR
CP0001/CP0651 SLAT NON-IMPACT RATED

TJE B AS NOTED 49/58

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

							CP000	01/CP0651 -	0.0405/0.	0220 Minim													
											Concret	te Minimum	3,000 PSI (Compressive	e Strength (Anchors are	the same of	diameter as	assembly fa	steners)			
DDC	Windlock			Guide	Windlock	Assembly	Assembly		Hilti Kw	rik Bolt 3			Simpson	Wedge All			Red Head	d Tru-Bolt			Powers V	/edge-Bolt	
DBG Up To	Flat Location	Slip	Windlock	Assembly	Weld Pitch	Fastener Diameter	Fastener Spacing	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist
5'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	28	2 3/8	4	5 3/4	12	2 5/8	3 15/16	5 3/4	13	3	4 1/2	5 3/4	10	2	3	5 3/4
6'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	16	2 3/8	5	5 3/4	10	2 5/8	3 15/16	5 3/4	11	3	4 1/2	5 3/4	8	2	3	5 3/4
7'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	/A		9	2 5/8	3 15/16	5 3/4	9	3	4 1/2	5 3/4	7	2	3	5 3/4
8'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	/A		8	2 5/8	3 15/16	5 3/4	8	3	4 1/2	5 3/4	6	2	3	5 3/4
9'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	/A		7	2 5/8	3 15/16	5 3/4	7	3	4 1/2	5 3/4	5	2	3	5 3/4
10'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	/A		6	2 5/8	3 15/16	5 3/4	6	3	4 1/2	5 3/4	5	2	3	5 3/4
12'-5"	1 5/16	0.532	CP0629	DC1	12	1/2	18	16	3 1/2	5 1/4	5 3/4	16	4 1/2	6 3/4	5 3/4		N	I/A				I/A	
14'-5"	1 7/16	0.594	CP0630	445	10	1/2	18						4 1/2	6 3/4	6 13/16	9	4 1/8	6 3/16	6 13/16	10	4	6	6 13/16
15'-5"	1 1/2	0.656	CP0630	445	9	1/2	14	N/A					4 1/2	6 3/4	6 13/16	7	4 1/8	6 3/16	6 13/16	6	3 1/2	5 1/4	6 13/16
16'-5"	1 5/8	0.781	CP0630	445	8	1/2	13	N/A N/A					4 1/2	6 3/4	6 13/16	7	4 1/8	6 3/16	6 13/16	6	3 1/2	5 1/4	6 13/16
17'-5"	1 7/8	1.031	CP0630	445	9	1/2	12		N	/A.		8	4 1/2	6 3/4	6 13/16	6	4 1/8	6 3/16	6 13/16	7	4	6	6 13/16
18'-5"	2	1.156	CP0630	446	8	5/8	18		N	I/A		10	4 1/2	6 3/4	6 7/8		N	I/A		9	5	7 1/2	6 7/8
19'-5"	2	1.156	CP0630	546	7	5/8	16		N	I/A		9	4 1/2	6 3/4	6 7/8		N	I/A		8	5	7 1/2	6 7/8
20'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	14			I/A		8	4 1/2	6 3/4	6 7/8		N	I/A			- 1	I/A	
21'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18	22	5 5/8	8	7 1/2	11	5	7 1/2	7 1/2	12	6 5/8	9 15/16	7 1/2			I/A	
22'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18			I/A		10	5	7 1/2	7 1/2	11	6 5/8	9 15/16	7 1/2			I/A	
23'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18		٨	I/A		9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2			N/A	
25'-5"	2 1/2	1.656	CP0630 & CP0647	DC3	6	3/4	15	11	4 3/4	7 1/8	7 1/2	11	5	7 1/2	7 1/2		N	N/A				N/A	
26'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	14			I/A		7	5	7 1/2	7 1/2	5	6 5/8	9 15/16	7 1/2			N/A	
27'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	13		٨	I/A		7	5	7 1/2	7 1/2		٨	N/A				N/A	
28'-5"	2 1/2	1.656	CP0630 & CP0647	648	5	3/4	13			I/A			1	I/A			٨	N/A			- 1	V/A	
29'-5"	2 1/2	1.656	CP0630 & CP0647	648	5	3/4	12			I/A			1	I/A			1	N/A			1	N/A	





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0.000 = +/- 0.031 FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG

WIND LOAD CONFIGURATION
INSULATED ROLLING STEEL DOOR
CP0001/CP0651 SLAT NON-IMPACT RATED

DRAWN BY: SIZE: SCALE: SHEET:

TJE B AS NOTED 50/58

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

						Filled CMU	j					Steel (W	all anchors are	the same of	liameter as	assembly				
DBG		Hilti Kv	vik Bolt 3			Simpson S	trong-Bolt 2	2	Т	hrough Bo	olt	w	elded	Through Bolt	Тар	ped		Superimp	osed Loads	
Up To	Max O.C.	Dia.	Embed	Edge Dist	Max O.C.	Dia.	Embed	Edge Dist	Max. O.C.	Dia.	Edge Distance	Max O.C.	Slot Size	Max O.C.	Max O.C.	Min. Thickness	Vx (+)	Vy (+)	Vx (-)	Vy (-)
5'-5"	8	1/2	3 1/2	5 3/4	11	3/4	5 1/4	5 3/4	12	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	165	0	163
6'-5"	8	3/4	3 1/4	5 3/4	10	3/4	5 1/4	5 3/4	10	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	195	0	193
7'-5"	11	3/4	4 3/8	5 3/4	8	3/4	5 1/4	5 3/4	9	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	225	0	223
8'-5"	9	3/4	4 3/8	5 3/4		N	/A		8	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	255	0	253
9'-5"	8	3/4	4 3/8	5 3/4		N	I/A		7	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	285	0	283
10'-5"	8	3/4	4 3/8	5 3/4		- N	I/A		6	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	315	0	313
12'-5"	8	8 1/2 3 1/2 5 3/4 8 1/2 4 1/2 5 N/A N/A					5 3/4		N/A		18	9/16 X 3/4	18	18	1/4	219	375	169	373	
14'-5"		N/A				N	I/A		12	1/2	6 13/16	25	9/16 x 3/4	25	14	1/4	964	434	930	434
15'-5"		1	I/A			N	/A		9	1/2	6 13/16	20	9/16 x 3/4	20	11	1/4	1226	464	1196	465
16'-5"			I/A			N	I/A		8	1/2	6 13/16	18	9/16 x 3/4	18	10	1/4	1363	494	1336	495
17'-5"			I/A			N	I/A		8	1/2	6 13/16	18	9/16 x 3/4	18	10	1/4	1347	523	1326	524
18'-5"		- 1	I/A			N	I/A		10	5/8	6 7/8	25	11/16 x 7/8	25	14	5/16	1488	552	1470	553
19'-5"		1	I/A			N	/A		9	5/8	6 7/8	21	11/16 x 7/8	21	11	5/16	1745	582	1727	584
20'-5"		N	I/A			N	I/A		8	5/8	6 7/8	18	11/16 x 7/8	18	10	5/16	1996	613	1978	614
21'-5"		1	I/A			N	I/A		11	3/4	7 1/2	36	13/16 x 1	36	24	3/8	1779	641	1761	642
22'-5"			I/A.			N	I/A		10	3/4	7 1/2	36	13/16 x 1	36	22	3/8	1990	672	1972	672
23'-5"		1	I/A			N	I/A		9	3/4	7 1/2	36	13/16 x 1	36	20	3/8	2198	702	2181	702
25'-5"		1	I/A			N	I/A		8	3/4	7 1/2	15	13/16 x 1	15	15	3/8	2612	761	2595	762
26'-5"			I/A			N	I/A		7	3/4	7 1/2	28	13/16 x 1	28	15	3/8	2819	792	2802	793
27'-5"		- 1	I/A			N	I/A		7	3/4	7 1/2	27	13/16 x 1	27	14	3/8	3026	822	3009	823
28'-5"		1	I/A			. N	I/A			N/A		25	13/16 x 1	25	13	3/8	3233	853	3217	854
29'-5"	F	1	I/A			٨	I/A			N/A		23	13/16 x 1	23	12	3/8	3442	883	3426	884





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

dimensions are in inches & tolerances are:

P: 800.390.8590 F: 866.448.6798 E: ADS@COOKSONDOOR.COM

0.000 = +/- 0.031FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG

TITLE: WIND LOAD CONFIGURATION INSULATED ROLLING STEEL DOOR CP0001/CP0651 SLAT NON-IMPACT RATED

SCALE: SHEET: AS NOTED 51/58 DRAWN BY: SIZE: TJE

DWG NO:

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

				_			CP00	01/CP0651 ·	0.0405/0.	0220 Minim		ess Galvania						4.	11.6	1			
											Concret	e Minimum	3,000 PSI (Compressive	Strength (A	Anchors are	the same o	diameter as a	assembly fa	isteners)			
DBG	Windlock		100000	Guide	Windlock	Assembly	Assembly		Hilti Kw	ik Bolt 3			Simpson	Wedge All			Red Hea	d Tru-Bolt			Powers V	Vedge-Bolt	
Up To	Flat Location	Slip	Windlock	Assembly	Weld Pitch	Fastener Diameter	Fastener Spacing	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist
5'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	16	2 3/8	4	5 3/4	11	2 5/8	3 15/16	5 3/4	12	3	4 1/2	5 3/4	9	2	3	5 3/4
6'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	6	2 3/8	5	5 3/4	9	2 5/8	3 15/16	5 3/4	10	3	4 1/2	5 3/4	7	2	3	5 3/4
7'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	/A		8	2 5/8	3 15/16	5 3/4	8	3	4 1/2	5 3/4	6	2	3	5 3/4
8'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	/A		7	2 5/8	3 15/16	5 3/4	7	3	4 1/2	5 3/4	6	2	3	5 3/4
9'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	/A		6	2 5/8	3 15/16	5 3/4	7	3	4 1/2	5 3/4	5	2	3	5 3/4
12'-5"	1 5/16	0.532	CP0629	DC1	12	1/2	18	16	3 1/2	5 1/4	5 3/4	16	4 1/2	6 3/4	5 3/4		N	/A			N	I/A	
14'-5"	1 7/16	0.594	CP0630	445	9	1/2	15		N	/A		10	4 1/2	6 3/4	6 13/16	8	4 1/8	6 3/16	6 13/16	8	4	6	6 13/16
15'-5"	1 1/2	0.656	CP0630	445	8	1/2	13		N	/A		8	4 1/2	6 3/4	6 13/16	6	4 1/8	6 3/16	6 13/16	7	4	6	6 13/16
16'-5"	1 5/8	0.781	CP0630	446	8	5/8	18		N	/A		10	4 1/2	6 3/4	6 7/8		N	I/A		9	5	7 1/2	6 7/8
17'-5"	1 7/8	1.031	CP0630	446	8	5/8	18		N	/A		10	4 1/2	6 3/4	6 7/8		N	/A		9	5	7 1/2	6 7/8
18'-5"	2	1.156	CP0630	546	8	5/8	16		N	/A		9	4 1/2	-6 3/4	6 7/8		N	I/A		8	5	7 1/2	6 7/8
19'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	14		N	/A		8	4 1/2	6 3/4	6 7/8		N	I/A		7	5	7 1/2	6 7/8
20'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18	22	5 5/8	8	7 1/2	11	5	7 1/2	7 1/2	12	6 5/8	9 15/16	7 1/2		N	I/A	
21'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18		N	/A	-	10	5	7 1/2	7 1/2	11	6 5/8	9 15/16	7 1/2		٨	I/A	
22'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18		N	/A		9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2			I/A	
25'-5"	2 1/2	1.656	CP0630 & CP0647	DC3	6	3/4	15	11	4 3/4	7 1/8	7 1/2	11	5	7 1/2	7 1/2		N	I/A			٨	I/A	
26'-5"	2 1/2	1.656	CP0630 & CP0647	648	5	3/4	13		N	/A		10000	N	I/A			N	I/A			1	I/A	
27'-5"	2 1/2	1.656	CP0630 & CP0647	648	5	3/4	12			/A				I/A		1999	٨	I/A			-	I/A	

						CP0001	/CP0651 - 0	0.0405/0.02	20 Minimum	Thicknes	s Galvanize	d or Stainles	ss Steel - 65 P	SF, Cont.						
						illed CMU						Steel (Wa	all anchors are	the same of fasteners)	diameter as	assembly		Superimp	osed Loads	
DBG		Hilti K	wik Bolt 3			Simpson St	trong-Bolt 2	2	TI	rough Bo	olt	W	elded	Through Bolt	Тар	ped		Superimpo	3500 10003	
Up To	Max O.C.	Dia.	Embed	Edge Dist	Max O.C.	Dia.	Embed	Edge Dist	Max. O.C.	Día.	Edge Distance	Max O.C.	Slot Size	Max O.C.	Max O.C.	Min. Thickness	Vx (+)	Vy (+)	Vx (-)	Vy (-)
5'-5"	8	3/4	3 1/4	5 3/4	10	3/4	5 1/4	5 3/4	11	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	179	0	177
6'-5"	12	3/4	4 3/8	5 3/4	9	3/4	5 1/4	5 3/4	9	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	212	0	209
7'-5"	10	3/4	4 3/8	5 3/4	8	3/4	5 1/4	5 3/4	8	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	244	0	242
8'-5"	9	3/4	4 3/8	5 3/4		N	/A		7	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	277	0	274
9'-5"	8	3/4	4 3/8	5 3/4		N	/A		6	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	309	0	307
12'-5"	8	1/2	3 1/2	5 3/4					N/A		18	9/16 X 3/4	18	18	1/4	373	406	321	404	
14'-5"			N/A			N	/A		10	1/2	6 13/16	21	9/16 x 3/4	21	12	1/4	1146	470	1111	471
15'-5"		10	N/A			N	/A		8	1/2	6 13/16	17	9/16 x 3/4	17	9	1/4	1417	503	1385	504
16'-5"			N/A			N	I/A		10	5/8	6 7/8	24	11/16 x 7/8	24	13	5/16	1555	535	1527	536
17'-5"			N/A			N	I/A		10	5/8	6 7/8	24	11/16 x 7/8	24	13	5/16	1528	566	1506	567
18'-5"			N/A			N	I/A		9	5/8	6 7/8	22	11/16 x 7/8	22	12	5/16	1674	598	1654	600
19'-5"			N/A			N	I/A		8	5/8	6 7/8	19	11/16 x 7/8	19	10	5/16	1946	631	1927	632
20'-5"			N/A			N	I/A		11	3/4	7 1/2	36	13/16 x 1	36	25	3/8	1745	662	1725	663
21'-5"			N/A			N	I/A		10	3/4	7 1/2	36	13/16 x 1	36	22	3/8	1972	695	1953	695
22'-5"		N/A N/A						E	9	3/4	7 1/2	36	13/16 x 1	36	20	3/8	2197	727	2178	728
25'-5"		N/A N/A N/A							8	3/4	7 1/2	15	13/16 x 1	15	15	3/8	2861	825	2844	826
26'-5"			N/A			N	I/A			N/A	-	26	13/16 x 1	26	14	3/8	3083	858	3066	859
27'-5"			N/A			N	I/A			N/A	/	24	13/16 x 1	24	13	3/8	3305	891	3288	892

COOK WIND LO

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

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0.000 = +/- 0.031 FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG

INSULATED ROLLING STEEL DOOR
CP0001/CP0651 SLAT NON-IMPACT RATED

DRAWN BY: SIZE: SCALE: SHEET:

TJE B AS NOTED 52/58

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

							CPUUC	1/CF0031-	0.0403/0.	OZZO IVIIIIIII	9/7/11/7/7/02/07/0	Seat the second second		less Steel -									
											Concret	e Minimum		Compressive	Strength (Anchors are			assembly fa	steners)			
DBG	Windlock		2.52.52	Guide		Assembly	Assembly		Hilti Kw	rik Bolt 3			Simpson	Wedge All			Red Hea	d Tru-Bolt			Powers V	Vedge-Bolt	
Up To	Flat Location	Slip	Windlock	Assembly	Weld Pitch	Fastener Diameter	Fastener Spacing	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dis
5'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	6	2 3/8	4	5 3/4	10	2 5/8	3 15/16	5 3/4	11	3	4 1/2	5 3/4	8	2	3	5 3/4
6'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	/A		9	2 5/8	3 15/16	5 3/4	9	3	4 1/2	5 3/4	7	2	3	5 3/4
7'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	/A		8	2 5/8	3 15/16	5 3/4	8	3	4 1/2	5 3/4	6	2	3	5 3/4
8'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	/A		7	2 5/8	3 15/16	5 3/4	7	3	4 1/2	5 3/4	5	2	3	5 3/4
9'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	/A		6	2 5/8	3 15/16	5 3/4	6	3	4 1/2	5 3/4	5	2	3	5 3/4
13'-5"	1 5/16	0.469	CP0630	445	9	1/2	15		N	/A		10	4 1/2	6 3/4	6 13/16	8	4 1/8	6 3/16	6 13/16	8	4	6	6 13/16
14'-5"	1 7/16	0.594	CP0630	445	9	1/2	13	N/A				9	4 1/2	6 3/4	6 13/16	7	4 1/8	6 3/16	6 13/16	7	4	6	6 13/16
15'-5"	1 1/2	0.656	CP0630	446	8	5/8	18	N/A			10	4 1/2	6 3/4	6 7/8		N	I/A		9	5	7 1/2	6 7/8	
16'-5"	1 5/8	0.781	CP0630	546	7	5/8	16		N	/A		9	4 1/2	6 3/4	6 7/8		N	I/A.		8	5	7 1/2	6 7/8
17'-5"	1 7/8	1.031	CP0630	546	7	5/8	16		N	/A		9	4 1/2	6 3/4	6 7/8		N	I/A.		8	5	7 1/2	6 7/8
18'-5"	2	1.156	CP0630 & CP0647	546	7	5/8	15		N	/A		8	4 1/2	6 3/4	6 7/8		N	I/A		7	5	7 1/2	6 7/8
19'-5"	2 1/4	1.406	CP0630 & CP0647	548	7	3/4	18		N	I/A		11	5	7 1/2	7 1/2	12	6 5/8	9 15/16	7 1/2			I/A	
20'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18		N	/A		10	5	7 1/2	7 1/2	11	6 5/8	9 15/16	7 1/2		N	I/A	
21'-5"	2 1/2	1.656	CP0630 & CP0647	548	7	3/4	18		N	/A		9	.5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2		1	I/A.	
22'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	16		N	I/A		8	5	7 1/2	7 1/2	8	6 5/8	9 15/16	7 1/2			I/A	
23'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	15		N	I/A		8	5	7 1/2	7 1/2	6	6 5/8	9 15/16	7 1/2		N	I/A	
24'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	14		N	I/A		7	5	7 1/2	7 1/2		N	I/A		_	٨	I/A	
25'-5"	2 1/2	1.656	CP0630 & CP0647	648	5	3/4	13		N	I/A			1	I/A			٨	I/A				I/A	
26'-5"	2 1/2	1.656	CP0630 & CP0647	648	5	3/4	12		N	I/A			٨	I/A			1	I/A			1	I/A	





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INSULATED ROLLING STEEL DOOR
CP0001/CP0651 SLAT NON-IMPACT RATED

DRAWN BY: SIZE: SCALE: SHEET:

TJE B AS NOTED 53/58

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

	T .											Charl Day		Alexander a		annual bloom				
						Filled CMU						Steel (Wa	all anchors are	fasteners)	nameter as	assembly		Superimp	osed Loads	
DBG		Hilti Kv	vik Bolt 3			Simpson S	trong-Bolt 2	2	Т	hrough Bo	olt	w	elded	Through Bolt	Тар	ped		Supermip	3300 00003	
Up To	Max O.C.	Dia.	Embed	Edge Dist	Max O.C.	Dia.	Embed	Edge Dist	Max. O.C.	Dia.	Edge Distance	Max O.C.	Slot Size	Max O.C.	Max O.C.	Min. Thickness	Vx (+)	Vy (+)	Vx (-)	Vy (-)
5'-5"	8	3/4	3 1/4	5 3/4	10	3/4	5 1/4	5 3/4	10	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	193	0	190
6'-5"	11	3/4	4 3/8	5 3/4	8	3/4	5 1/4	5 3/4	9	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	228	0	225
7'-5"	9	3/4	4 3/8	5 3/4		N	/A		8	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	263	0	260
8'-5"	8	3/4	4 3/8	5 3/4		N	/A		7	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	298	0	295
9'-5"		Ņ	N/A			N	/A		6	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	333	0	330
13'-5"			V/A			. N	/A		10	1/2	6 13/16	21	9/16 x 3/4	21	11	1/4	1173	472	1128	472
14'-5"		N/A N/A						9	1/2	6 13/16	18	9/16 x 3/4	18	10	1/4	1328	507	1291	507	
15'-5"		N/A N/A N/A						10	5/8	6 7/8	23	11/16 x 7/8	23	13	5/16	1608	541	1574	542	
16'-5"		1	N/A			N	/A.		9	5/8	6 7/8	21	11/16 x 7/8	21	11	5/16	1746	576	1717	577
17'-5"			N/A			N	/A		9	5/8	6 7/8	22	11/16 x 7/8	22	12	5/16	1709	610	1686	611
18'-5"		- 1	N/A			N	/A		8	5/8	6 7/8	20	11/16 x 7/8	20	11	5/16	1859	644	1839	646
19'-5"		1	N/A			N	/A		11	3/4	7 1/2	36	13/16 x 1	36	23	3/8	1887	680	1862	680
20'-5"			N/A			N	/A		10	3/4	7 1/2	36	13/16 x 1	36	22	3/8	1925	713	1904	713
21'-5"			N/A			N	/A		9	3/4	7 1/2	36	13/16 x 1	36	20	3/8	2166	748	2145	749
22'-5"		N/A N/A						8	3/4	7 1/2	33	13/16 x 1	33	18	3/8	2404	783	2384	784	
23'-5"	N/A N/A						8	3/4	7 1/2	30	13/16 x 1	30	16	3/8	2640	819	2621	819		
24'-5"		N/A N/A						7	3/4	7 1/2	28	13/16 x 1	28	15	3/8	2876	854	2857	854	
25'-5"			N/A			N	I/A			N/A		26	13/16 x 1	26	14	3/8	3112	889	3093	890
26'-5"		1	N/A				I/A			N/A		24	13/16 x 1	24	13	3/8	3348	925	3329	925





PA GOODYEAR, AZ

tolerances are: 0.000 = +/- 0.031 FRACTIONAL = +/- 1/3

Unless otherwise specified,

dimensions are in inches &

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0.000 = +/- 0.031 FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG

INSULATED ROLLING STEEL DOOR
CP0001/CP0651 SLAT NON-IMPACT RATED

DRAWN BY: SIZE: SCALE: SHEET:

TJE B AS NOTED 54/58

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

							CP000	1/CP0651 -	0.0405/0.	0220 Minimum													
											Concrete	e Minimum	3,000 PSI (Compressive	e Strength (Anchors are	the same	diameter as	assembly fa	steners)			
DBG	Windlock			Guide	Windlock	Assembly	Assembly		Hilti Kw	vik Bolt 3			Simpson	Wedge All			Red Hea	d Tru-Bolt			Powers V	Vedge-Bolt	
Up To	Flat Location	Slip	Windlock	Assembly	Weld Pitch	Fastener Diameter	Fastener Spacing	Max O.C.	Embed	Min. Wall Thick.	dge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist
5'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	I/A		9	2 5/8	3 15/16	5 3/4	9	3	4 1/2	5 3/4	7	2	3	5 3/4
6'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	I/A		8	2 5/8	3 15/16	5 3/4	8	3	4 1/2	5 3/4	6	2	3	5 3/4
7'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	I/A		7	2 5/8	3 15/16	5 3/4	7	3	4 1/2	5 3/4	5	2	3	5 3/4
8'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	/A		6	2 5/8	3 15/16	5 3/4	6	3	4 1/2	5 3/4	4	2	3	5 3/4
13'-5"	1 5/16	0.469	CP0630	446	8	5/8	18		N	I/A		10	4 1/2	6 3/4	6 7/8		N	I/A		9	5	7 1/2	6 7/8
14'-5"	1 7/16	0.594	CP0630	546	8	5/8	17		N/A N/A			9	4 1/2	6 3/4	6 7/8		N	I/A		8	5	7 1/2	6 7/8
15'-5"	1 1/2	0.656	CP0630 & CP0647	546	7	5/8	15		N	I/A	-	8	4 1/2	6 3/4	6 7/8		N	I/A		7	5	7 1/2	6 7/8
16'-5"	1 5/8	0.781	CP0630 & CP0647	546	7	5/8	14	N/A N/A				7	4 1/2	6 3/4	6 7/8		N	I/A				N/A	
17'-5"	1 7/8	1.031	CP0630 & CP0647	548	7	3/4	18		N	I/A		10	5	7 1/2	7 1/2	11	6 5/8	9 15/16	7 1/2		1	N/A	
18'-5"	2	1.156	CP0630 & CP0647	548	6	3/4	18		N	I/A		9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2			N/A	
19'-5"	2 1/4	1.406	CP0630 & CP0647	548	6	3/4	17		N	I/A		9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2			N/A	
20'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	17		N	I/A		9	5	7 1/2	7 1/2	9	6 5/8	9 15/16	7 1/2		1	N/A	
21'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	15		N	I/A		8	5	7 1/2	7 1/2	7	6 5/8	9 15/16	7 1/2			V/A	
22'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	14		N/A N/A			7	5	7 1/2	7 1/2			I/A			1	N/A	
23'-5"	2 1/2	1.656	CP0630 & CP0647	648	5	3/4	13		N	I/A	200		N	/A				I/A			1	V/A	
24'-5"	2 1/2	1.656	CP0630 & CP0647	648	5	3/4	12		N	I/A	1-1		N	/A				I/A		199		V/A	

						CP0001,	/CP0651 - 0	.0405/0.02	20 Minimum	Thicknes	s Galvanized	or Stainles	ss Steel - 80 P	SF, Cont.						
						Filled CMU						Steel (W	all anchors are	the same of asteners)	liameter as	assembly		Superimor	osed Loads	
DBG		Hilti K	wik Bolt 3			Simpson St	trong-Bolt 2		Т	hrough Bo	olt	w	elded	Through Bolt	Тар	ped		Superimpo	osed Loads	
Up To	Max O.C.	Dia.	Embed	Edge Dist	Max O.C.	Dia.	Embed	Edge Dist	Max. O.C.	Dia.	Edge Distance	Max O.C.	Slot Size	Max O.C.	Max O.C.	Min. Thickness	Vx (+)	Vy (+)	Vx (-)	Vy (-)
5'-5"	11	3/4	4 3/8	5 3/4	8	3/4	5 1/4	5 3/4	9	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	220	0	217
6'-5"	9	3/4	4 3/8	5 3/4		N	/A		8	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	260	0	257
7'-5"	8	3/4	4 3/8	5 3/4		N	/A		7	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	300	0	297
8'-5"			N/A			N	/A		6	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	340	0	337
13'-5"		1	N/A			N/A				5/8	6 7/8	24	11/16 x 7/8	24	13	5/16	1543	539	1494	540
14'-5"	1000		N/A		N/A				9	5/8	6 7/8	22	11/16 x 7/8	22	12	5/16	1693	579	1651	580
15'-5"			N/A			N/A N/A				5/8	6 7/8	18	11/16 x 7/8	18	10	5/16	1991	619	1953	620
16'-5"			N/A			N	/A		7	5/8	6 7/8	17	11/16 x 7/8	17	9	5/16	2129	659	2097	660
17'-5"		9	N/A			N	/A		10	3/4	7 1/2	36	13/16 x 1	36	21	3/8	2086	699	2047	699
18'-5"		- 4	N/A			N	/A		9	3/4	7 1/2	36	13/16 x 1	36	19	3/8	2244	738	2209	738
19'-5"			N/A			N	/A		9	3/4	7 1/2	35	13/16 x 1	35	19	3/8	2251	777	2223	777
20'-5"		- 0	N/A			N	/A		9	3/4	7 1/2	35	13/16 x 1	35	19	3/8	2285	815	2262	815
21'-5"		N/A N/A						8	3/4	7 1/2	31	13/16 x 1	31	17	3/8	2552	855	2530	856	
22'-5"		N/A N/A N/A						7	3/4	7 1/2	28	13/16 x 1	28	15	3/8	2817	895	2795	896	
23'-5"			N/A			N	I/A			N/A		26	13/16 x 1	26	14	3/8	3082	936	3060	936
24'-5"			N/A			٨	I/A			N/A	,	, 24	13/16 x 1	24	13	3/8	3346	976	3325	977



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0.000 = +/- 0.031 FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG

INSULATED ROLLING STEEL DOOR
CP0001/CP0651 SLAT NON-IMPACT RATED

TJE B AS NOTED 55/58

DWG NO:

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

							CP000	01/CP0651 -	0.0405/0.0	0220 Minim	V												
											Concret	e Minimum	3,000 PSI (Compressive	e Strength (Anchors are	the same of	diameter as	assembly fa	isteners)			
DBG	Windlock		F 242 1 1	Guide	Windlock	Assembly	Assembly		Hilti Kw	ik Bolt 3			Simpson	Wedge All			Red Hea	d Tru-Bolt				Vedge-Bolt	
Up To	Flat Location	Slip	Windlock	Assembly	Weld Pitch	Fastener Diameter	Fastener Spacing	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Di
5'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	/A		8	2 5/8	3 15/16	5 3/4	8	3	4 1/2	5 3/4	6	2	3	5 3/4
6'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	The same	N	/A		7	2 5/8	3 15/16	5 3/4	7	3	4 1/2	5 3/4	5	2	3	5 3/4
7'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	/A		6	2 5/8	3 15/16	5 3/4	6	3	4 1/2	5 3/4	4	2	3	5 3/4
8'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	/A		5	2 5/8	3 15/16	5 3/4		N	I/A		5	2 1/2	3 3/4	5 3/4
13'-5"	1 5/16	0.469	CP0630 & CP0647	546	7	5/8	16	N/A N/A			8	4 1/2	6 3/4	6 7/8		N	I/A		7	5	7 1/2	6 7/8	
14'-5"	1 7/16	0.594	CP0630 & CP0647	546	7	5/8	14	N/A			8	4 1/2	6 3/4	6 7/8		N	I/A			N	N/A		
15'-5"	1 1/2	0.656	CP0630 & CP0647	548	6	3/4	18	N/A N/A			9	5	7 1/2	7 1/2	10	6 5/8	9 15/16	7 1/2			N/A		
16'-5"	1 5/8	0.781	CP0630 & CP0647	548	6	3/4	17		N	/A		8	5	7 1/2	7 1/2	9	6 5/8	9 15/16	7 1/2			N/A	
17'-5"	1 3/4	0.906	CP0630 & CP0647	648	6	3/4	16		N	/A		8	5	7 1/2	7 1/2	7	6 5/8	9 15/16	7 1/2		١	N/A	
18'-5"	1 7/8	1.031	CP0630 & CP0647	648	6	3/4	15		N	/A		7	5	7 1/2	7 1/2	5	6 5/8	9 15/16	7 1/2			N/A	
19'-5"	2 1/8	1.281	CP0630 & CP0647	648	6	3/4	15		N	/A		7	5	7 1/2	7 1/2	5	6 5/8	9 15/16	7 1/2		1	N/A	
20'-5"	2 1/4	1.406	CP0630 & CP0647	648	6	3/4	14	N/A N/A			7	5	7 1/2	7 1/2		1	I/A			1	N/A		
21'-5"	2 1/2	1.656	CP0630 & CP0647	648	6	3/4	13		N	/A		7	5	7 1/2	7 1/2			I/A		10		N/A	
22'-5"	2 1/2	1.656	CP0630 & CP0647	648	5	3/4	12		N	/A			N	I/A			1	I/A			1	N/A	

						Filled CMU	J					Steel (Wa	III anchors are	the same d asteners)	liameter as	assembly		Superimpr	sed Loads	
DBG		Hilti K	wik Bolt 3			Simpson S	trong-Bolt 2		TI	nrough Bo	olt	W	elded	Through Bolt	Тар	pped		Superimpe	occ couds	
Up To	Max O.C.	Dia.	Embed	Edge Dist	Max O.C.	Dia.	Embed	Edge Dist	Max. O.C.	Dia.	Edge Distance	Max O.C.	Slot Size	Max O.C.	Max O.C.	Min. Thickness	Vx (+)	Vy (+)	Vx (-)	Vy (-)
5'-5"	10	3/4	4 3/8	5 3/4		1	I/A		8	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	248	0	244
6'-5"	8	3/4	4 3/8	5 3/4		1	I/A		7	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	293	0	289
7'-5"			N/A		N/A N/A				6	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	338	0	334
8'-5"			N/A			N/A				3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	383	0	379
13'-5"			N/A			N/A				5/8	6 7/8	19	11/16 x 7/8	19	10	5/16	1913	607	1859	608
14'-5"			N/A			N/A N/A				5/8	6 7/8	18	11/16 x 7/8	18	10	5/16	2057	652	2012	653
15'-5"		- 13	N/A			1	I/A	1100	9	3/4	7 1/2	34	13/16 x 1	34	18	3/8	2392	699	2333	698
16'-5"			N/A				I/A		8	3/4	7 1/2	32	13/16 x 1	32	17	3/8	2530	743	2478	743
17'-5"			N/A			- 1	N/A		8	3/4	7 1/2	30	13/16 x 1	30	16	3/8	2674	787	2628	788
18'-5"			N/A			1	N/A		7	3/4	7 1/2	28	13/16 x 1	28	15	3/8	2820	832	2779	832
19'-5"		-1	N/A N/A N/A						7	3/4	7 1/2	29	13/16 x 1	29	15	3/8	2777	875	2743	875
20'-5"		N/A N/A N/A						7	3/4	7 1/2	27	13/16 x 1	27	15	3/8	2932	919	2902	920	
21'-5"			N/A			3	N/A		7	3/4	7 1/2	27	13/16 x 1	27	15	3/8	2938	962	2914	963
22'-5"			N/A			-	V/A			N/A		25	13/16 x 1	25	13	3/8	3231	1008	3207	1008



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Unless otherwise specified, dimensions are in inches & tolerances are:

0.000 = +/- 0.031FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG

WIND LOAD CONFIGURATION **INSULATED ROLLING STEEL DOOR** CP0001/CP0651 SLAT NON-IMPACT RATED

DRAWN BY: SIZE: SCALE: STALE: SCALE: SHEET: AS NOTED 56/58

L'TR	REVISION	DATE	BY	E.C.O.
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

-											Concret	e Minimum	3,000 PSI	Compressive	Strength (A	Anchors are	the same of	diameter as	assembly fa	steners)			
DBG	Windlock	1.7	1	Guide	Windlock	Assembly	Assembly		Hilti Kw	ik Bolt 3				Wedge All				d Tru-Bolt				Vedge-Bolt	
Up To	Flat Location	Slip	Windlock	Assembly	Weld Pitch	Fastener Diameter	Fastener Spacing	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dis
5'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	/A		7	2 5/8	3 15/16	5 3/4	7	3	4 1/2	5 3/4	6	2	3	5 3/4
6'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	/A		6	2 5/8	3 15/16	5 3/4	6	3	4 1/2	5 3/4	5	2	3	5 3/4
7'-5"	N/A	N/A	N/A	344*	N/A	3/8	24		N	I/A		5	2 5/8	3 15/16	5 3/4		N	I/A		6	2 1/2	3 3/4	5 3/4
14'-5"	1 1/2	0.656	CP0630 & CP0647	DC2	6	3/4	15	11	4 3/4	7 1/8	7 1/2	11	5	7 1/2	7 1/2		N	I/A			N	I/A	
15'-5"	1 7/16	0.594	CP0630 & CP0647	648	6	3/4	15		N	/A		7	5	7 1/2	7 1/2	5	6 5/8	9 15/16	7 1/2		N	I/A	
16'-5"	1 1/2	0.656	CP0630 & CP0647	648	5	3/4	14		N	I/A		7	5	7 1/2	7 1/2		N	I/A			N	I/A	
17'-5"	1 5/8	0.781	CP0630 & CP0647	648	5	3/4	13		N	/A		19-22	1	V/A			N	I/A			N	I/A	
18'-5"	1 3/4	0.906	CP0630 & CP0647	648	5	3/4	13						1	N/A			N	I/A			N	I/A	
19'-5"	1 7/8	1.031	CP0630 & CP0647	648	5	3/4	12		N	I/A				I/A			N	I/A				I/A	
20'-5"	2 1/8	1.281	CP0630 & CP0647	648	5	3/4	12		N	I/A				I/A			N	I/A			N	I/A	

					F	Filled CML	ı					Steel (Wa	all anchors are	the same d fasteners)	iameter as	assembly		Superimpo	osed Loads	
DBG		Hilti K	wik Bolt 3			Simpson S	trong-Bolt 2		T	hrough Bo	olt	W	elded	Through Bolt	Тар	ped		Soperinpe	3500 00003	
Up To	Max O.C.	Dia.	Embed	Edge Dist	Max O.C.	Dia.	Embed	Edge Dist	Max. O.C.	Dia.	Edge Distance	Max O.C.	Slot Size	Max O.C.	Max O.C.	Min. Thickness	Vx (+)	Vy (+)	Vx (-)	Vy (-
5'-5"	9	3/4	4 3/8	5 3/4		N	I/A		7	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	275	0	271
6'-5"		N/A N/A					6	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	325	0	321		
7'-5"	N/A N/A N/A					5	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	375	0	371			
14'-5"		N/A N/A N/A					8	3/4	7 1/2	15	13/16 x 1	15	15	3/8	2261	725	2195	725		
15'-5"		. 7	N/A				I/A		7	3/4	7 1/2	27	13/16 x 1	27	15	3/8	2976	778	2909	778
16'-5"			N/A			T.	I/A		7	3/4	7 1/2	25	13/16 x 1	25	13	3/8	3274	828	3211	828
17'-5"			N/A			N	I/A			N/A		24	13/16 x 1	24	13	3/8	3371	877	3316	877
18'-5"	N/A N/A N/A						N/A		23	13/16 x 1	23	12	3/8	3486	926	3437	926			
19'-5"			N/A			1	V/A			N/A		22	13/16 x 1	22	12	3/8	3611	975	3568	976
20'-5"		- 6	N/A			1	V/A			N/A		23	13/16 x 1	23	12	3/8	3518	1023	3482	1024





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Unless otherwise specified, dimensions are in inches & tolerances are:

0.000 = +/- 0.031FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG

WIND LOAD CONFIGURATION INSULATED ROLLING STEEL DOOR CP0001/CP0651 SLAT NON-IMPACT RATED

DRAWN BY: SIZE: SCALE: STALE: SCALE: SHEET: AS NOTED 57/58

L'TR	REVISION	DATE	BY	E.C.O
*	ORIGINAL ISSUE	10/20/14	TJE	1615
Α	REMOVED SPECIFIC ENDLOCK, ADD INNER ANGLE NOTE	12/13/17	CJR	1663
В	REVISED BOTTOM BAR DETAIL; HOOD SUPPORT UPDATE	02/19/20	MAN	2027

_										31 971071	Concret	o Minimum	2 000 001		120 PSF	nchore are	the came d	izmeter ac	sceambly fa	ctanarc)				
DBG Up To	Windlock Flat Location	Slip	Windlock	Guide Assembly	Windlock Weld Pitch	Assembly Fastener Diameter	Fastener					Simpson Wedge All				(Anchors are the same diameter as assembly fa Red Head Tru-Bolt				Powers Wedge-Bolt				
								Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dis	
5'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	N/A				6	2 5/8	3 15/16	5 3/4	6	3	4 1/2	5 3/4	5	2	3	5 3/4	
6'-5"	N/A	N/A	N/A	344*	N/A	3/8	24	N/A				5	2 5/8	3 15/16	5 3/4	N/A			5	2 1/2	3 3/4	5 3/4		
7'-5"	N/A	N/A	N/A	344*	N/A	3/8	23	N/A				4	2 5/8	3 15/16	5 3/4	N/A			5	2 1/2	3 3/4	5 3/4		
14'-5"	1 1/2	0.656	CP0630 & CP0647	DC2	6	3/4	15	11	4 3/4	7 1/8	7 1/2	11	5	7 1/2	7 1/2	N/A					N/A.			

	T								nized or Stainless Steel - 120 PSF, Cont. Steel (Wall anchors are the same diameter as assembly											
DBG Up To	Filled CMU												Wall anchors a	fasteners)	Superimposed Loads					
		wik Bolt 3		Simpson Strong-Bolt 2			Through Bolt			Welded		Through Bolt	Tapped		Superimposed codus					
	Max O.C.	Dia.	Embed	Edge Dist	Max O.C.	Dia.	Embed	Edge Dist	Max. O.C.	Dia.	Edge Distance	Max O.C.	Slot Size	Max O.C.	Max O.C.	Min. Thickness	Vx (+)	Vy (+)	Vx (-)	Vy (-)
5'-5"	N/A				N/A				6	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	330	0	325
6'-5"		79	N/A		N/A				5	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	390	0	385
7'-5"		- 1	V/A		N/A				4	3/8	5 3/4	36	7/16 x 5/8	36	36	3/16	0	450	0	445
14'-5"		-	V/A		N/A				8	3/4	7 1/2	15	13/16 x 1	15	15	3/8	2956	871	2881	871





dimensions are in inches & 0.000 = +/- 0.031

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

WIND LOAD CONFIGURATION INSULATED ROLLING STEEL DOOR CP0001/CP0651 SLAT NON-IMPACT RATED

DRAWN BY: SIZE: SCALE:
TJE B AS NOTED
DWG NO:
ES-16-65-TCCI SCALE: SHEET: AS NOTED 58/58