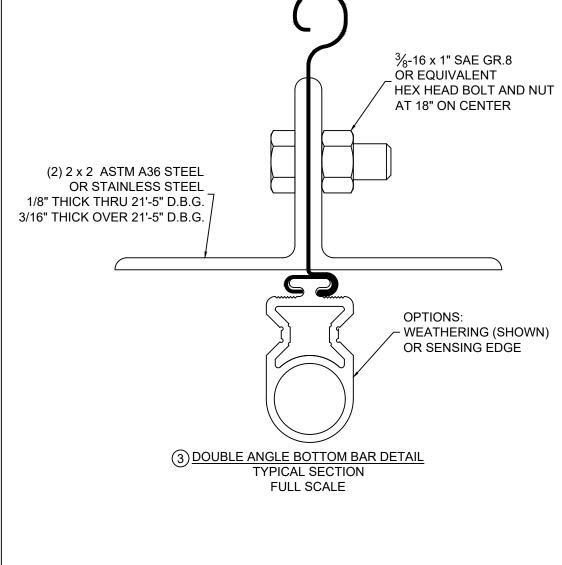


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ORIGINAL ISSUE

HOOD SUPPORT UPDAT



GENERAL NOTES:

1. THESE PRODUCT EVALUATION DOCUMENTS REPRESENT A ROLL-UP DOOR ASSEMBLY DESIGNED AND TESTED IN ACCORDANCE WITH THE STANDARD BUILDING CODE, THE 2018 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 REVIEW.

11. ALL HARDWARE 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.

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:

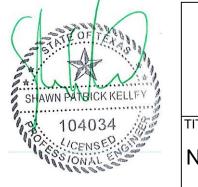
A. EMBEDMENT LENGTH DOES NOT INCLUDE STUCCO FINISH.

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. IF OPTIONAL PERFORATION PATTERN IS CHOSEN, MINIMUM SLAT THICKNESS IS 0.0405"

18. ALL SHAPES USED FOR GUIDE ASSEMBLIES MUST CONFORM TO ATSM A36 FOR STEEL OR ASTM A276 FOR TYPES 304 OR 316 WITH A MINIMUM 36 KSI YIELD STRENGTH.



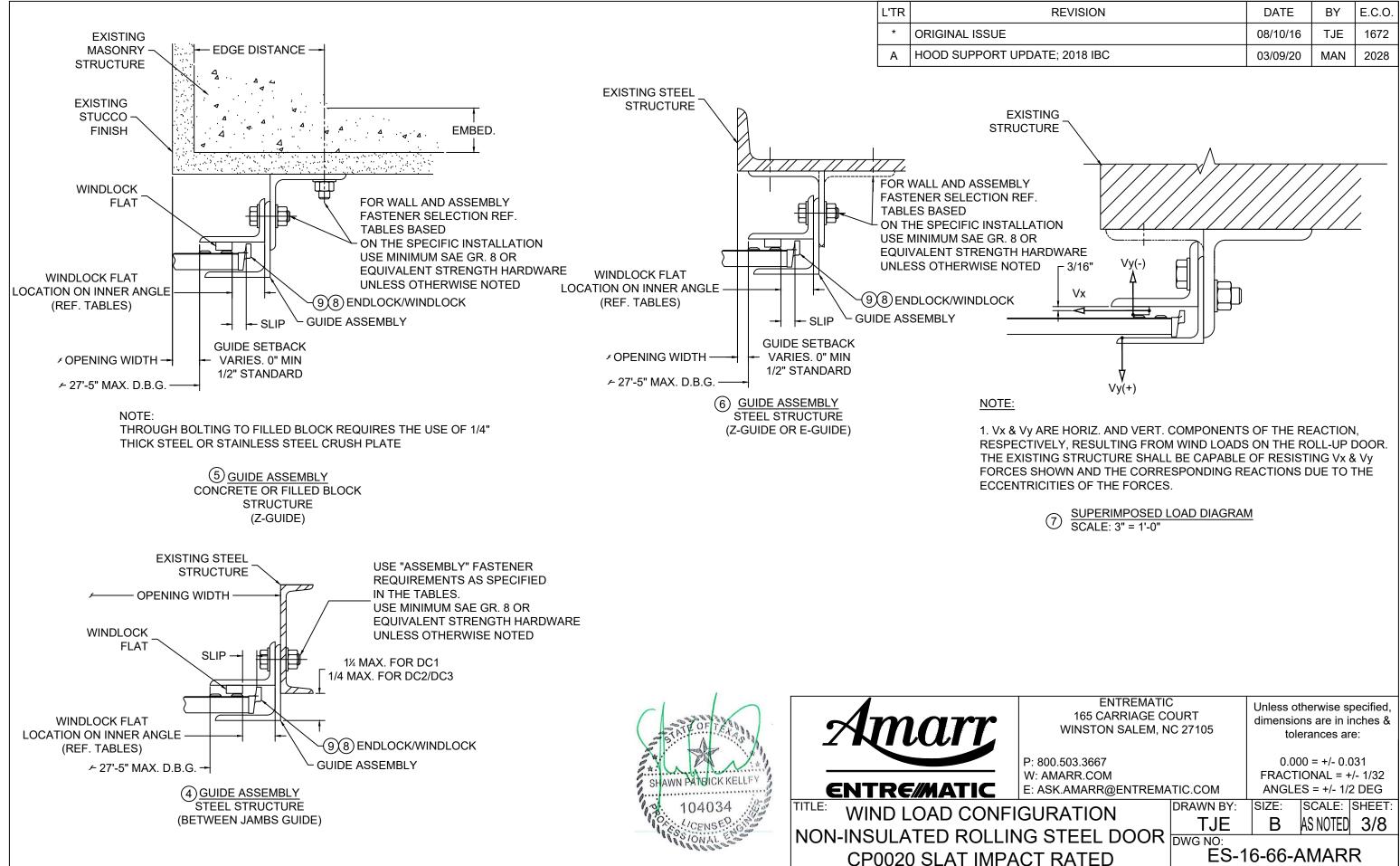


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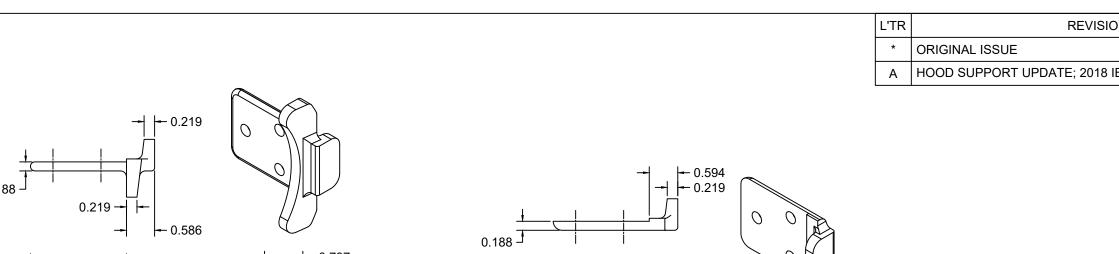
NON-INSULATED ROLLING S CP0020 SLAT IMPACT RATED

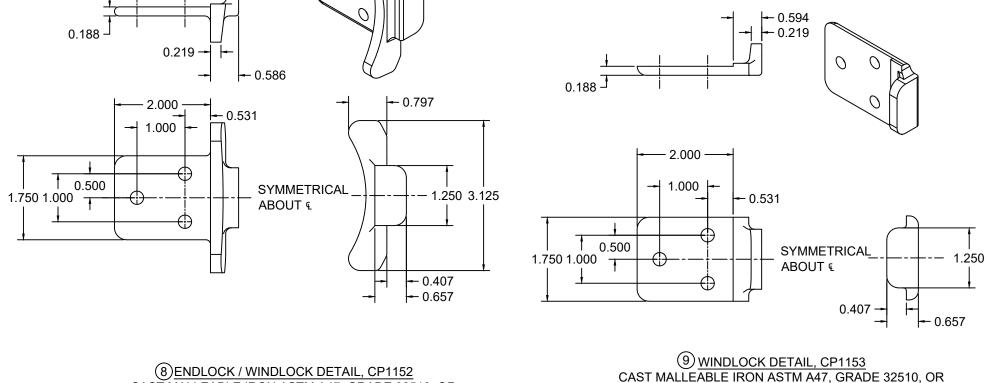
REVISION	DATE	BY	E.C.O.
	08/10/16	TJE	1672
E; 2018 IBC	03/09/20	MAN	2028

ENTREMATIC 165 CARRIAGE CC WINSTON SALEM, N	Unless otherwise specified, dimensions are in inches & tolerances are:					
0.503.3667 MARR.COM K.AMARR@ENTREMA	0.000 = +/- 0.031 FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG					
RATION	DRAWN BY:	SIZE: SCALE: SHEET: B AS NOTED 2/8				
STEEL DOOR		6-66-/		R		



REVISION	DATE	BY	E.C.O.
	08/10/16	TJE	1672
ГЕ; 2018 IBC	03/09/20	MAN	2028



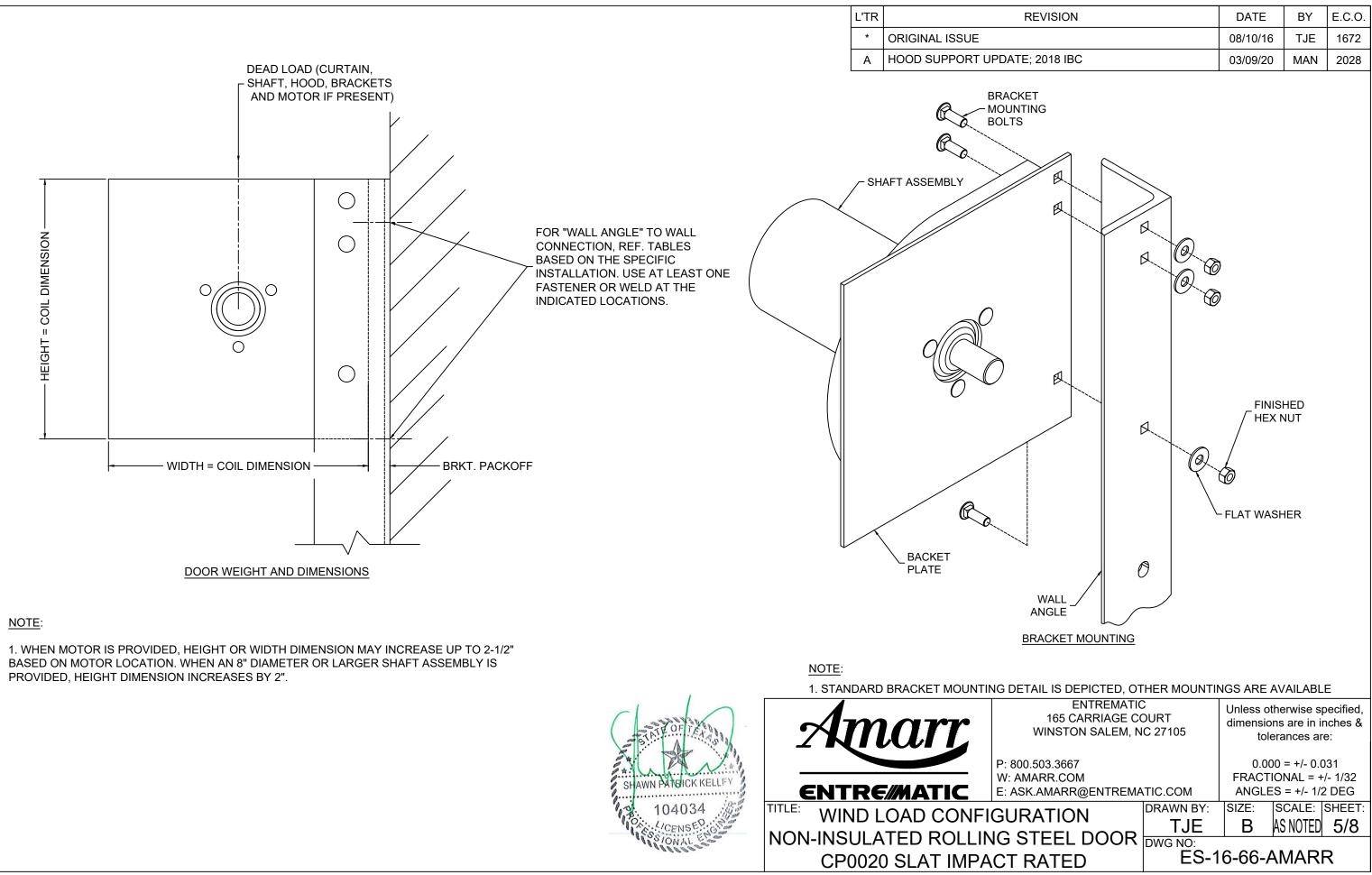


CAST MALLEABLE IRON ASTM A47, GRADE 32510, OR DUCTILE IRON PER ASTM A536 GRADE 65-45-12, GALVANIZED IN ACCORDANCE WITH ASTM A123, GRADE 85 ZINC-COATING 1/2 SCALE (9) <u>WINDLOCK DETAIL, CP1153</u> CAST MALLEABLE IRON ASTM A47, GRADE 32510, OR DUCTILE IRON PER ASTM A536 GRADE 65-45-12, GALVANIZED IN ACCORDANCE WITH ASTM A123, GRADE 85 ZINC-COATING 1/2 SCALE

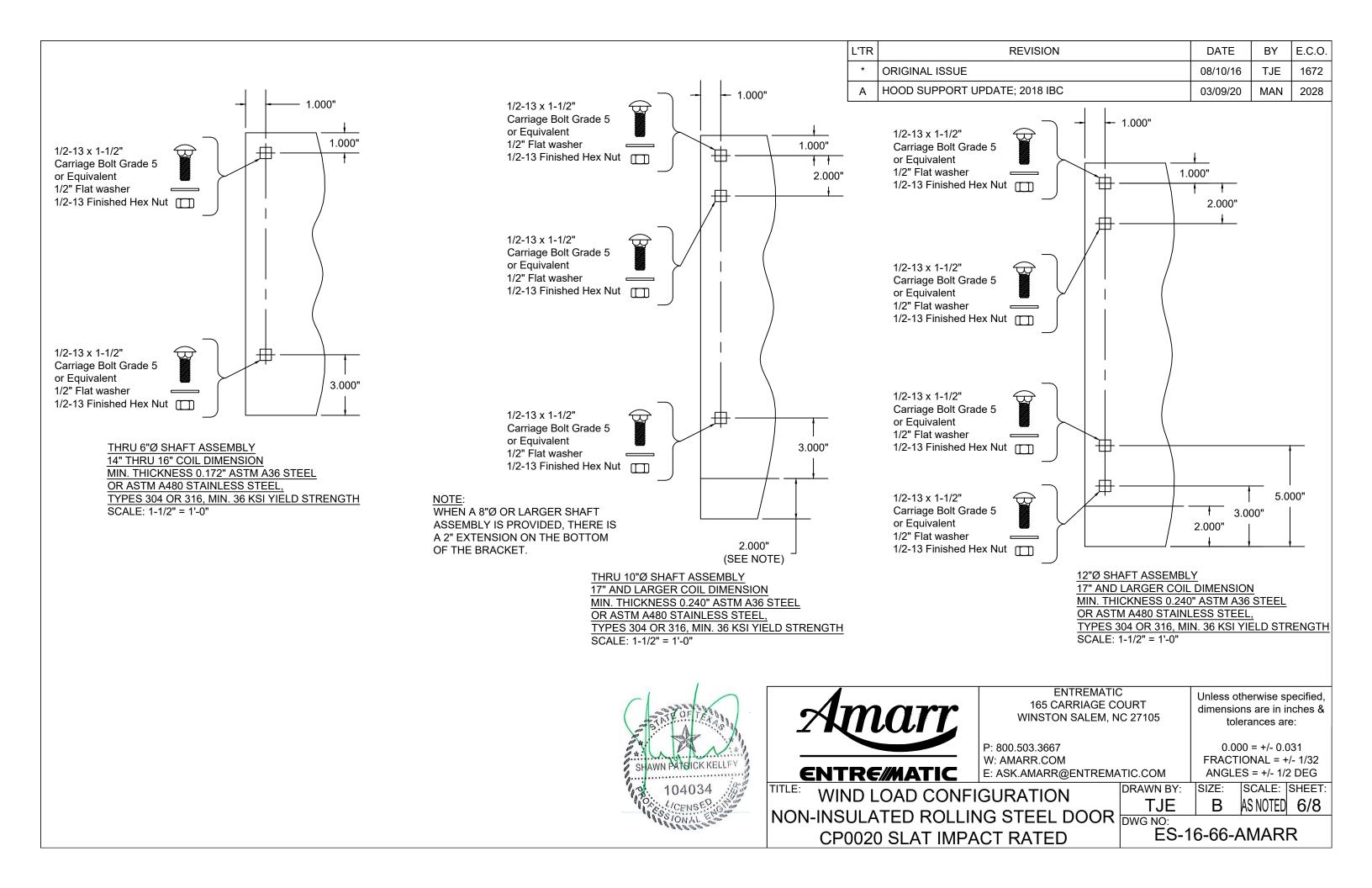


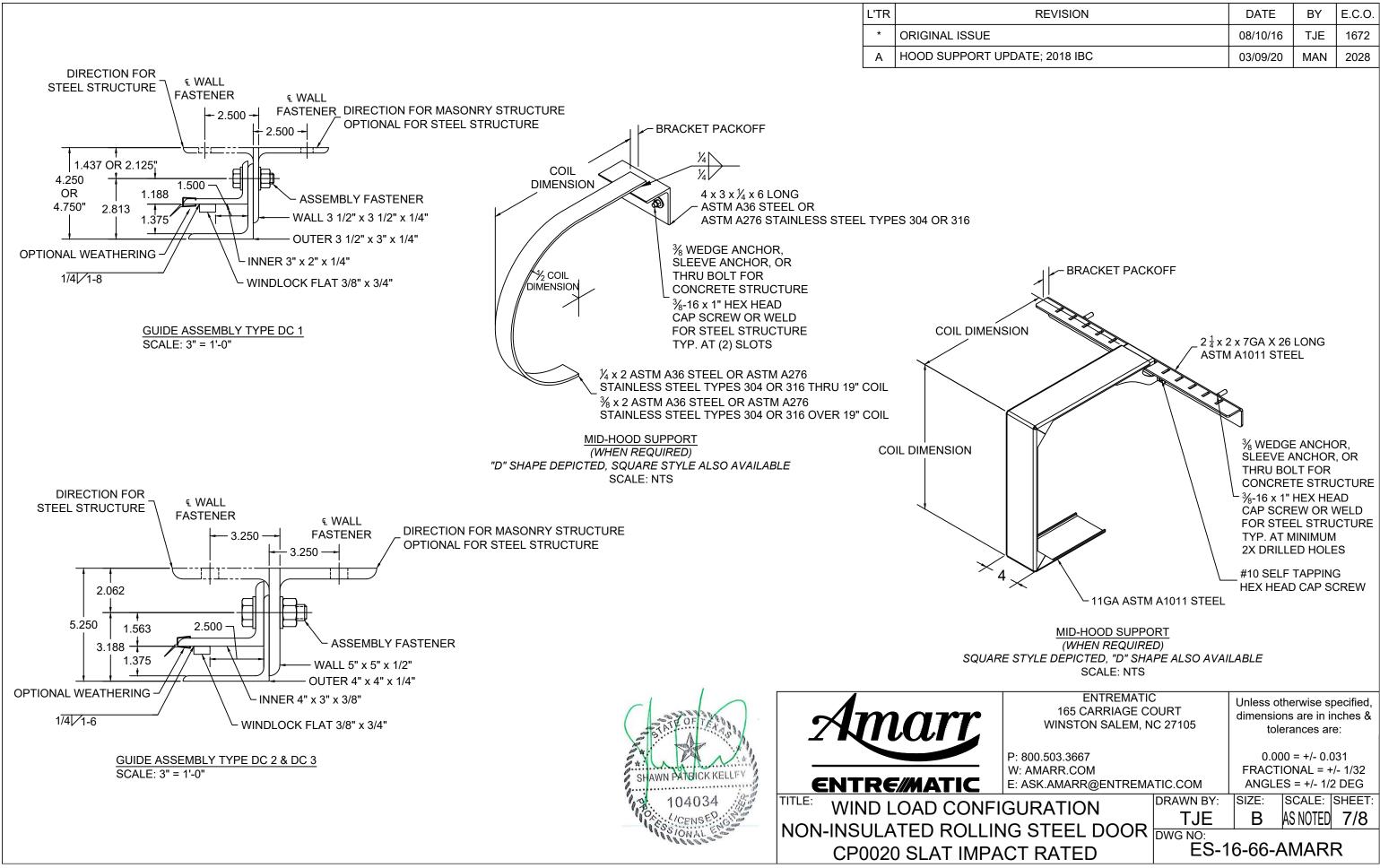
ENTREMATIO 165 CARRIAGE CO WINSTON SALEM, N	Unless otherwise specified, dimensions are in inches & tolerances are:						
00.503.3667 MARR.COM SK.AMARR@ENTREMA	0.000 = +/- 0.031 FRACTIONAL = +/- 1/32 ANGLES = +/- 1/2 DEG						
RATION	DRAWN BY:	SIZE:	SCALE:	SHEET:			
-	TJE	B	AS NOTED	4/8			
STEEL DOOR	DWG NO.						
RATED	ES-16-66-AMARR						

REVISION	DATE	BY	E.C.O.
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*	ORIGINAL ISSUE
А	HOOD SUPPORT UPDATE

	CP0020 -Galvanized or Stainless Steel																				
										Concre	ete Minim	-	PSI Compre neter as asse			ors are the	e same				
			Windlock					Assembly Assembly			Hilti Kwi	k Bolt 3			Simpson \	Wedge All					
DBG Up To	Minimum Thickness	Maximum Pressure	Flat Location	Slip	Slip Windlock		Windlock Guide Assembl		VVINDIOCK Eastener				Fastener Fastener	Max O.C.	Embed	Min. Wall Thick.	Edge Dist	Max O.C.	Embed	Min. Wall Thick.	Edge Dist
14'-5"	0.0236	65 PSF	1 1/2	0.656	CP1152 & CP1153	DC1	8	1/2	12	8	3 1/2	5 1/4	5 3/4	8	4 1/2	6 3/4	5 3/4				
25'-5"	0.0296	65 PSF	2 1/2	1.656	CP1152 & CP1153	DC2	6	3/4	15	11	4 3/4	7 1/8	7 1/2	11	5	7 1/2	7 1/2				
27'-5"	0.0405	60 PSF	2 1/2	1.656	CP1152 & CP1153	DC3	6	3/4	15	11	4 3/4	7 1/8	7 1/2	11	5	7 1/2	7 1/2				

	CP0020 - Galvanized or Stainless Steel, Cont.											
		Filled CMU		Steel (Wa	all anchors ar	e the same fasteners)	diameter as	Superimp	osed Loads (at Maximum	Pressure)	
DBG	-	Through Bol ⁻	rough Bolt		Welded		Tapped		Superimposed Loads (at Maximum Pressu		Tressure)	
Uр То	Max. O.C.	Dia.	Edge Dist	Max O.C.	Slot Size	Max O.C.	Max O.C.	Min. Thickness	Vx (+)	Vy (+)	Vx (-)	Vy (-)
14'-5"	8	1/2	5 3/4	12	9/16 x 3/4	12	12	1/4	1976	473	1955	474
25'-5"	8	3/4	7 1/2	15	13/16 x 1	15	15	3/8	3147	828	3132	829
27'-5"		N/A		11	13/16 x 1	11	11	3/8	3241	823	3227	824



REVISION	DATE	BY	E.C.O.
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RATION	TJE B AS NOTED 8					
STEEL DOOR	6-66-/	AMARR				