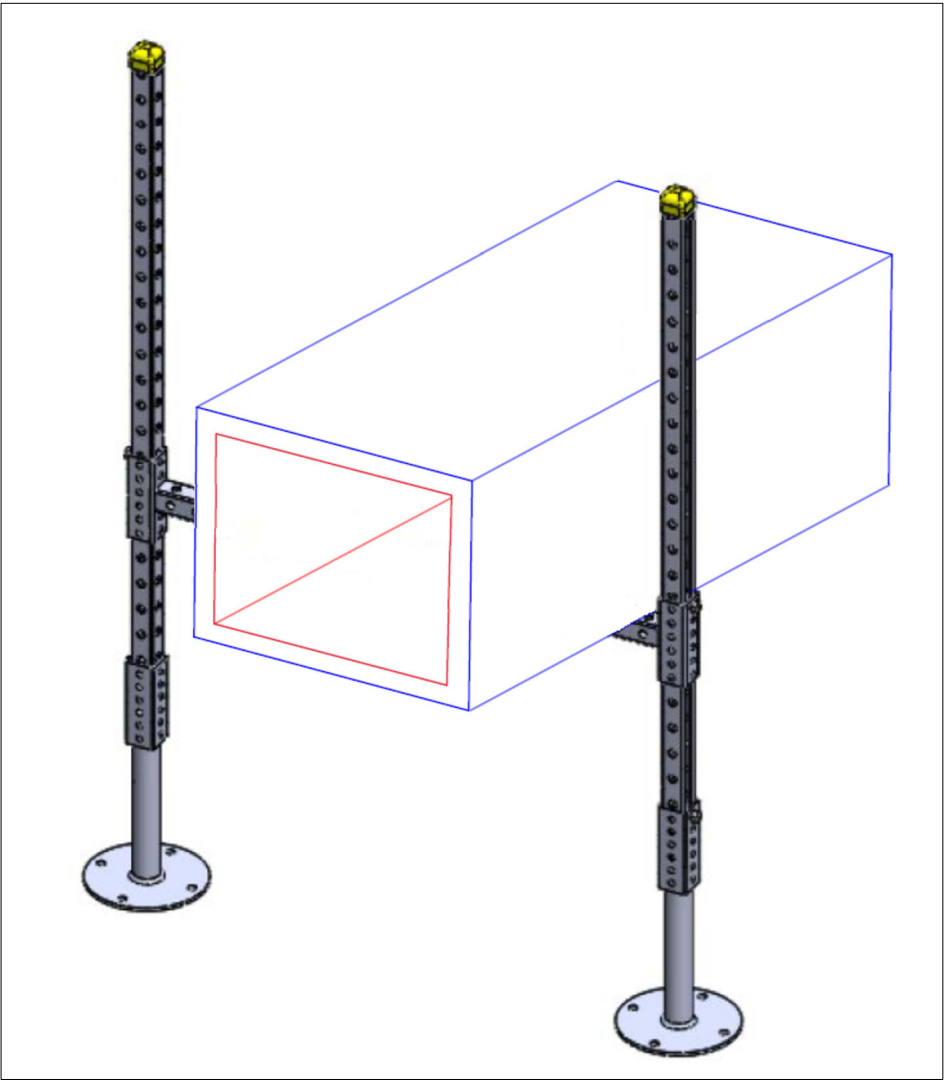


GENERAL NOTES:

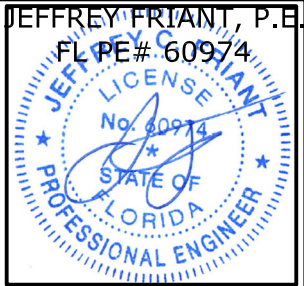
1. THE DUCT STAND SYSTEM SHOWN WITHIN THIS PRODUCT EVALUATION DOCUMENT HAS BEEN VERIFIED FOR CODE COMPLIANCE IN ACCORDANCE WITH THE CURRENT FLORIDA BUILDING CODE AND CURRENT ASCE DESIGN REQUIREMENTS FOR USE WITHIN THE HIGH VELOCITY HURRICANE ZONE (HVHZ) AND NON-HVHZ DEFINED AREAS.
2. DESIGN PRESSURES CALCULATED FOR USE WITH THIS SYSTEM SHALL BE DETERMINED SEPARATELY ON A SITE SPECIFIC BASIS IN ACCORDANCE WITH THE GOVERNING CODE USING ASD METHODOLOGY AND IN ACCORDANCE WITH CURRENT VERSION OF ASCE WIND LOAD PROVISIONS, AND THE CURRENT FLORIDA BUILDING CODE. THE REQUIRED ASD DESIGN PRESSURES MUST BE LESS THAN OR EQUAL TO THE LATERAL AND UPLIFT DESIGN PRESSURES LISTED IN THE ACCOMPANYING DESIGN TABLES.
3. INSTALLATION CONTRACTOR SHALL ENSURE THAT EACH DUCT STAND ASSEMBLY MEETS THE MINIMUM CLEARANCE HEIGHT REQUIREMENTS AS SET FORTH IN THE CURRENT FLORIDA BUILDING CODE, HVHZ SECTION 1522.2 AND NON-HVHZ SECTION 1510.10. CLEARANCE HEIGHT IS A FLORIDA BUILDING CODE REQUIREMENT, SEE APPROPRIATE CODE SECTIONS FOR SPECIFIC HEIGHT REQUIREMENTS. CLEARANCE HEIGHT MAY NOT BE THE SAME AS STAND HEIGHT AND SHOULD BE ACCOUNTED FOR WHEN SPECIFYING AND ORDERING MATE
4. THE ARCHITECT OR ENGINEER OF RECORD FOR THE STRUCTURE WHERE THIS SYSTEM IS TO BE INSTALLED SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO WITHSTAND THE SUPERIMPOSED LOADS.
5. STRUCTURAL ADEQUACY OF THIS SYSTEM HAS BEEN CONSIDERED IN THIS PRODUCT APPROVAL. WIND LOADS AND DUCT WEIGHTS WERE CONSIDERED IN THE EVALUATION OF LOADED MEMBERS OF THIS SYSTEM.
6. MAXIMUM DIMENSIONS OF THE DUCT WORK SHALL CONFORM TO THOSE SPECIFIED IN THE TABLES PROVIDED HEREIN.
7. ELECTRICAL GROUND, IF REQUIRED, TO BE DESIGNED AND INSTALLED BY OTHERS.
8. THE MINIMUM COMPRESSIVE STRENGTH OF CONCRETE SUBSTRATE SHALL BE 4,000 PSI OR GREATER.
9. ALL OF THE STEEL PARTS OF THIS SYSTEM SHALL BE COATED WITH A RUST INHIBITING MATERIAL. STAINLESS STEEL VERSIONS OF THIS SYSTEM DO NOT REQUIRE ADDITIONAL FINISH. ALUMINUM VERSIONS OF THIS SYSTEM ARE NOT INCLUDED IN THIS PRODUCT APPROVAL. SEE SEPARATE APPROVAL FOR ALUMINUM VERSION OF THIS SYSTEM.
10. THE ENGINEER’S SEAL AFFIXED TO THIS SET OF PRODUCT APPROVAL DRAWINGS SOLELY VALIDATES THE STRUCTURAL DESIGN AND ATTACHMENT TO THE HOST STRUCTURE AS SHOWN HEREIN. USE OF THIS SYSTEM BY CONTRACTOR, ET AL., INDEMNIFIES AND SAVES HARMLESS THIS ENGINEER FOR ANY AND ALL COSTS AND/OR DAMAGES, INCLUDING LEGAL FEES AND APPELLATE FEES RESULTING FROM MATERIAL FABRICATION, SYSTEM ERECTION, CONSTRUCTION PRACTICES BEYOND THAT WHICH IS CALLED FOR BY LOCAL, STATE, AND FEDERAL CODES, AND FROM DEVIATIONS OF THIS PLAN. EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED WITH THIS DOCUMENT.
11. THIS DOCUMENT IS GENERIC AND DOES NOT PERTAIN TO ANY SPECIFIC PROJECT SITE. INFORMATION CONTAINED HEREIN IS BASED ON MANUFACTURER SUPPLIED DATA AND MEASUREMENTS. THIS ENGINEER SHALL NOT BE HELD RESPONSIBLE OR LIABLE IN ANY WAY FOR ERRONEOUS OR INACCURATE DATA OR MEASUREMENTS. DIMENSIONS ARE SHOWN TO ILLUSTRATE DESIGN FORCES AND OTHER DESIGN CRITERIA.



ANCHOR SCHEDULE				
SUBSTRATE	ANCHOR TYPE	EMBEDMENT	EDGE DIST.	ANCHOR SPACING
4 KSI CONCRETE	3/8" DeWALT MINI DROP-IN	0.75"	4.5"	PER PB20 BASE
4 KSI CONCRETE	1/2" DeWALT MINI DROP-IN	1.0"	6"	PER PB20 BASE

Jeffrey C.
Friant

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Friant
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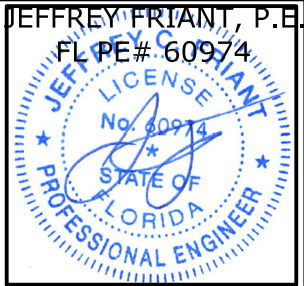
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128 Sycamore Street, Buffalo, NY 14204
https://eberliron.com 1 (800) 295-3056

Duct Stand Product Approval
FL48287.1

REMARKS	DATE	CHKD	DRWN
Rev 0 - INITIAL RELEASE	05/12/26	RC	JCF

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EBERL IRON WORKS, INC. - ROOF TOP MOUNTED DUCT STANDS - PRODUCT APPROVAL FL48287.1



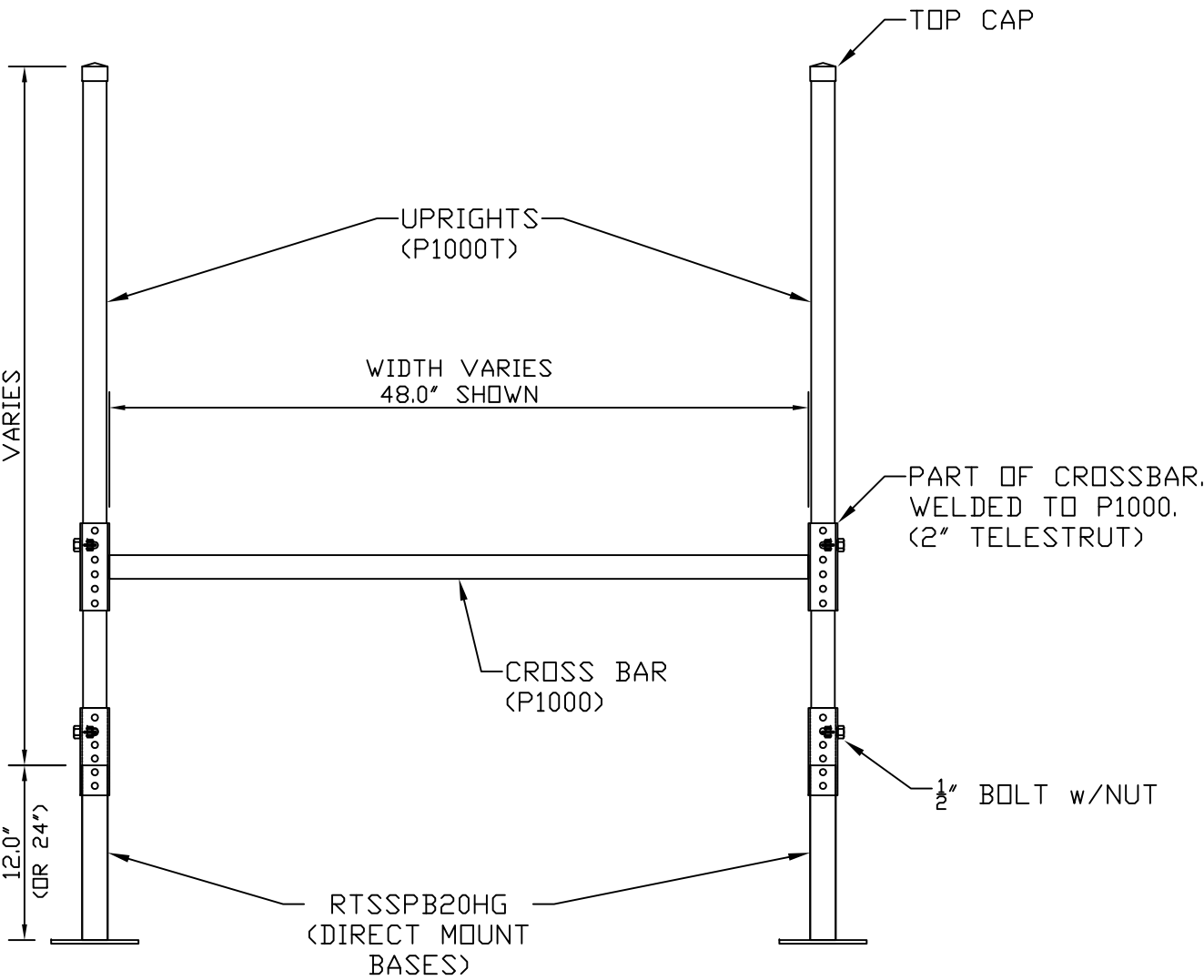
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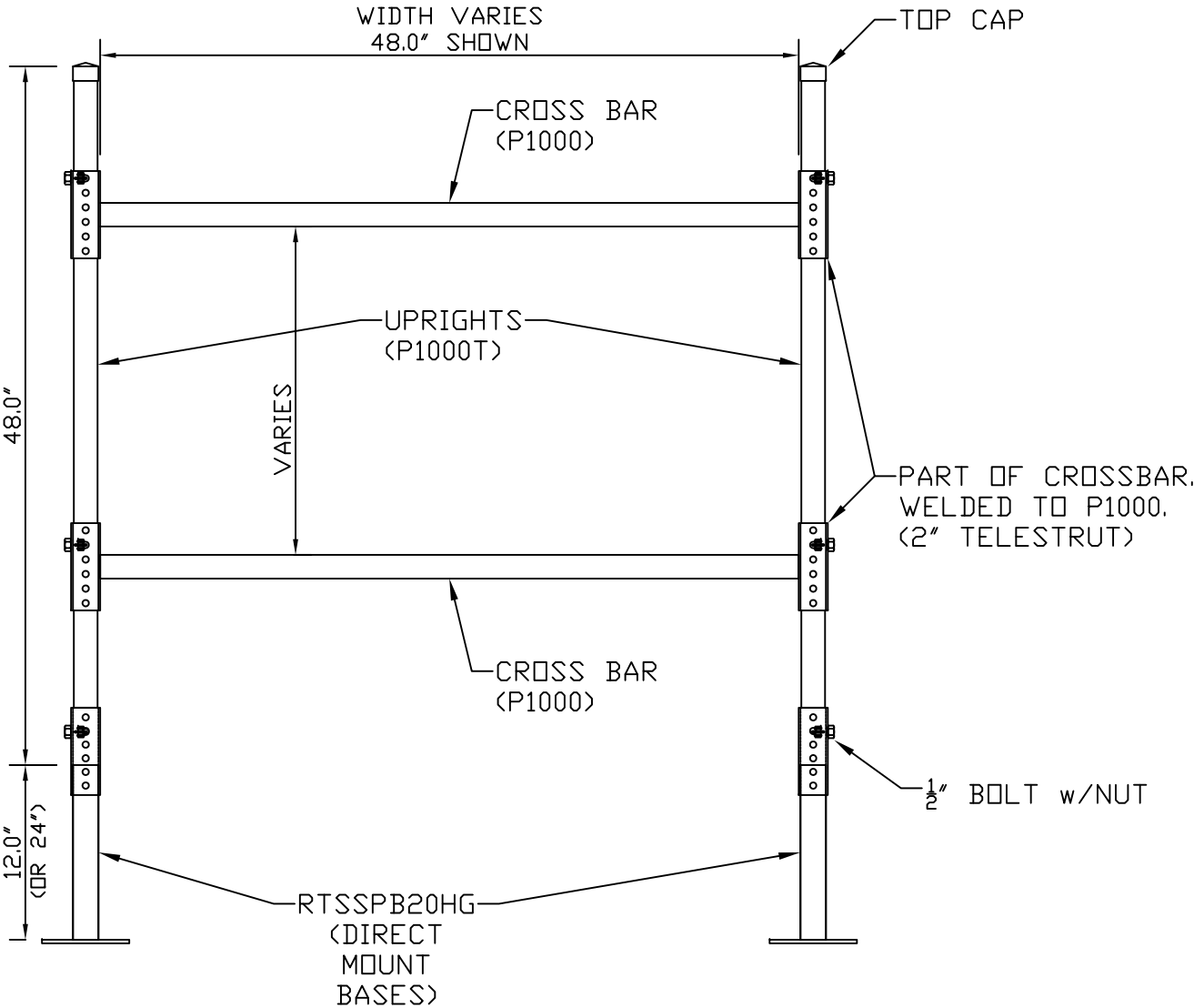
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Job #: 26-3370
Scale: As Noted
SHEET 2 of 5



SIZES:
WIDTH -
24", 30, 36", 42, 48", 54", 60", 72', 80"
HEIGHT -
18", 24", 30", 36", 48"
CUSTOM SIZES AVAILABLE



SIZES:
WIDTH -
24", 30, 36", 42, 48", 54", 60", 72', 80"
HEIGHT -
18", 24", 30", 36", 48"
CUSTOM SIZES AVAILABLE

1 TYPICAL STAND CONFIGURATIONS
2 SCALE: 1" = 1'-0" ELEVATION VIEW

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DUCT SUPPORT "H" STAND (2 LEGS)
Ø3/8" DeWalt Mini Dropin
Max Duct Height 48"

Allowable Wind Pressure (psf)

Total Face Area (in ²)	Duct Stand Height (in)																		
		Max Stand Width = 24"		Max Stand Width = 30"		Max Stand Width = 36"		MaxStand Width = 42"		Max Stand Width = 48"		Max Stand Width = 54"		Max Stand Width = 60"		Max Stand Width = 72"		Max StandWidth = 84"	
		Max Duct Height = 24"		Max Duct Height = 30"		Max Duct Height = 36"		Max Duct Height = 42"		Max Duct Height = 48"		Max Duct Height = 48"		Max Duct Height = 48"		Max Duct Height = 48"		Max Duct Height = 48"	
		Lateral	Uplift	Lateral	Uplift	Lateral	Uplift	Lateral	Uplift	Lateral	Uplift	Lateral	Uplift	Lateral	Uplift	Lateral	Uplift	Lateral	Uplift
500	18	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8
	24	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8
	48	200.0	185.8	178.0	165.3	200.0	185.8	196.1	182.1	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8
750	18	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8
	24	168.1	156.1	194.1	180.3	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8
	30	144.2	133.9	168.0	156.0	188.3	174.9	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8
	36	125.8	116.8	147.9	137.4	166.2	154.4	184.6	171.5	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8
	48	100.6	93.4	119.8	111.3	137.1	127.3	152.9	142.0	168.7	156.7	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8
1000	18	151.2	140.4	171.5	159.3	187.8	174.4	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8
	24	126.1	117.1	145.2	134.9	158.2	146.9	175.2	162.7	185.8	172.6	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8
	30	108.1	100.4	125.8	116.8	140.1	130.1	153.8	142.8	167.1	155.2	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8
	36	94.4	87.7	111.5	103.6	125.9	116.9	138.6	128.7	149.6	138.9	190.3	176.8	200.0	185.8	200.0	185.8	200.0	185.8
	48	75.6	70.2	89.0	82.7	103.0	95.7	114.4	106.3	125.2	116.3	159.3	148.0	196.1	182.1	200.0	185.8	200.0	185.8
1500	18	100.0	92.9	114.4	106.3	125.6	116.7	133.8	124.3	143.1	132.9	182.3	169.3	200.0	185.8	200.0	185.8	200.0	185.8
	24	83.9	77.9	96.8	89.9	107.8	100.1	117.7	109.3	125.2	116.3	159.5	148.1	196.9	182.9	200.0	185.8	200.0	185.8
	30	72.0	66.9	83.7	77.7	93.8	87.1	103.3	95.9	111.9	103.9	141.5	131.4	174.8	162.4	200.0	185.8	200.0	185.8
	36	63.0	58.5	74.0	68.7	83.2	77.3	91.2	84.7	100.7	93.5	127.4	118.3	157.3	146.1	200.0	185.8	200.0	185.8
	48	50.3	46.7	59.6	55.4	68.4	63.5	76.7	71.2	83.2	77.3	108.3	100.6	131.0	121.7	188.4	175.0	200.0	185.8
2000	18	75.6	70.2	85.3	79.2	92.4	85.8	100.7	93.5	107.3	99.7	136.2	126.5	168.7	156.7	200.0	200.0*	200.0	185.8
	24	63.0	58.5	72.4	67.2	80.8	75.0	87.8	81.5	93.7	87.0	119.4	110.9	147.5	137.0	200.0	200.0*	200.0	185.8
	30	54.0	50.2	62.8	58.3	70.7	65.7	77.7	72.2	82.3	76.4	106.3	98.7	131.2	121.9	188.4	175.0	200.0	185.8
	36	47.2	43.8	55.2	51.3	59.8	55.5	68.4	63.5	74.6	69.3	95.4	88.6	117.4	109.0	169.7	157.6	200.0	185.8
	48	-	-	-	-	-	-	-	-	62.7	58.2	79.6	73.9	98.1	91.1	140.9	130.9	192.9	179.2
2500	18	60.3	56.0	68.6	63.7	75.5	70.1	79.9	74.2	85.4	79.3	109.2	101.4	134.5	124.9	175.0	162.5	175.0	162.5
	24	50.2	46.6	57.8	53.7	64.2	59.6	70.4	65.4	75.5	70.1	95.7	88.9	118.1	109.7	175.0	162.5	175.0	162.5
	30	-	-	50.0	46.4	55.1	51.2	61.8	57.4	66.8	62.0	85.0	78.9	104.9	97.4	151.2	140.4	175.0	162.5
	36	-	-	-	-	-	-	55.0	51.1	59.6	55.4	76.4	71.0	94.4	87.7	136.0	126.3	175.0	162.5
	48	-	-	-	-	-	-	-	-	50.1	46.5	63.8	59.3	78.3	72.7	112.9	104.9	154.3	143.3

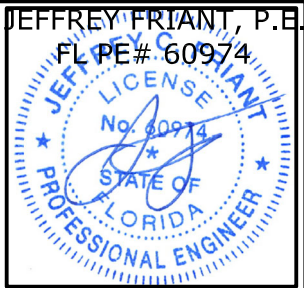
* Uplift Governs

HOW TO USE THIS TABLE:

1. TO DETERMINE THE ALLOWABLE SPAN, DIVIDE THE GIVEN TOTAL FACE AREA BY THE HEIGHT OF YOUR DUCT. HEIGHT OF JUST THE DUCT, NOT HEIGHT OF DUCT ON THE STAND.
2. DUCT STAND SPANS OVER 96 INCHES REQUIRE SITE SPECIFIC EVALUATION.

Jeffrey C.
Friant

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Jeffrey C. Friant
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https://eberliron.com 1 (800) 285-3056

Duct Stand Product Approval
FL48287.1

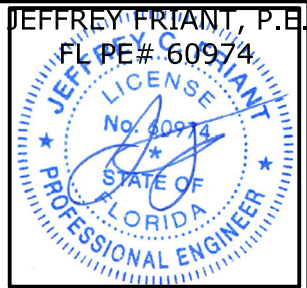
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DUCT SUPPORT "H" STAND (2 LEGS)
Ø1/2" DeWalt Mini Dropin
Max Duct Height 48"

Total Face Area (in ²)	Duct Stand Height (in)	Allowable Wind Pressure (psf)																	
		Max Stand Width = 24" Max Duct Height = 24"		Max Stand Width = 30" Max Duct Height = 30"		Max Stand Width = 36" Max Duct Height = 36"		MaxStand Width = 42" Max Duct Height = 42"		Max Stand Width = 48" Max Duct Height = 48"		Max Stand Width = 54" Max Duct Height = 48"		Max Stand Width = 60" Max Duct Height = 48"		Max Stand Width = 72" Max Duct Height = 48"		Max StandWidth = 84" Max Duct Height = 48"	
		Lateral	Uplift	Lateral	Uplift	Lateral	Uplift	Lateral	Uplift	Lateral	Uplift	Lateral	Uplift	Lateral	Uplift	Lateral	Uplift	Lateral	Uplift
500	18	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8
	24	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8
	48	200.0	185.8	200.0	185.8	200.0	185.8	196.1	182.1	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8
750	18	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8
	24	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8
	30	192.8	179.1	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8
	36	167.9	155.9	198.1	184.0	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8
	48	134.6	125.0	160.8	149.4	183.6	170.5	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8
1000	18	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8
	24	168.8	156.8	194.7	180.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8
	30	144.4	134.1	168.8	156.8	189.3	175.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8
	36	126.4	117.4	146.8	136.3	168.8	156.8	186.5	173.2	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8
	48	101.2	94.0	120.2	111.6	137.8	128.0	153.8	142.8	168.8	156.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8
1500	18	135.0	125.4	152.8	141.9	168.8	156.8	181.7	168.8	192.2	178.5	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8
	24	112.2	104.2	129.1	119.9	144.4	134.1	157.3	146.1	168.8	156.8	200.0	185.8	200.0	185.8	200.0	185.8	200.0	185.8
	30	96.3	89.4	112.2	104.2	126.6	117.6	138.6	128.7	149.8	139.1	189.5	176.0	200.0	185.8	200.0	185.8	200.0	185.8
	36	84.3	78.3	99.3	92.2	112.2	104.2	124.3	115.4	134.6	125.0	170.8	158.6	192.7	179.0	200.0	185.8	200.0	185.8
	48	67.4	62.6	80.2	74.5	91.8	85.3	102.8	95.5	112.6	104.6	142.4	132.3	175.8	163.3	200.0	185.8	200.0	185.8
2000	18	101.2	94.0	114.9	106.7	126.6	117.6	136.3	126.6	144.4	134.1	183.1	170.1	200.0	185.8	200.0	185.8	200.0	185.8
	24	84.4	78.4	97.3	90.4	108.5	100.8	118.2	109.8	126.6	117.6	160.0	148.6	197.5	183.4	200.0	185.8	200.0	185.8
	30	72.3	67.2	84.3	78.3	94.7	88.0	104.2	96.8	112.3	104.3	142.4	132.3	175.0	162.5	200.0	185.8	200.0	185.8
	36	63.1	58.6	74.4	69.1	84.3	78.3	93.1	86.5	101.2	94.0	128.2	119.1	158.1	146.8	200.0	185.8	200.0	185.8
	48	50.7	47.1	60.1	55.8	69.0	64.1	77.0	71.5	84.3	78.3	106.7	99.1	131.7	122.3	189.9	176.4	200.0	185.8
2500	18	81.0	75.2	91.9	85.4	101.0	93.8	108.8	101.1	115.7	107.5	146.4	136.0	180.8	167.9	200.0	162.5	200.0	162.5
	24	67.4	62.6	77.9	72.4	86.8	80.6	94.5	87.8	101.1	93.9	128.2	119.1	158.1	146.8	200.0	162.5	200.0	162.5
	30	57.9	53.8	67.4	62.6	75.8	70.4	83.3	77.4	90.0	83.6	113.9	105.8	140.6	130.6	200.0	185.8	200.0	162.5
	36	50.6	47.0	59.6	55.4	67.4	62.6	74.6	69.3	80.9	75.1	102.5	95.2	126.4	117.4	182.3	169.3	200.0	162.5
	48	-	-	-	-	55.8	51.8	61.4	57.0	67.5	62.7	85.5	79.4	105.4	97.9	151.5	140.7	200.0	185.8

HOW TO USE THIS TABLE:
TO DETERMINE THE ALLOWABLE SPAN, DIVIDE THE GIVEN TOTAL FACE AREA BY THE HEIGHT OF YOUR DUCT. HEIGHT OF JUST THE DUCT, NOT HEIGHT OF DUCT ON THE STAND.
2. DUCT STAND SPANS OVER 96 INCHES REQUIRE SITE SPECIFIC EVALUATION.

Jeffrey C. Friant
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Date: 2026.06.29 18:25:02 -04'00'



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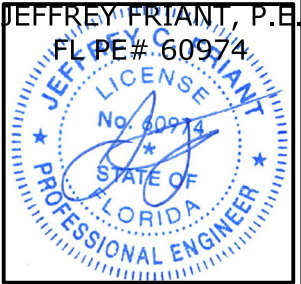
Duct Stand Product Approval
FL48287.1

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EBERL IRON WORKS, INC. - COMPONENT LIST

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Job #: 26-3370

Scale: As Noted

SHEET 5 of 5

