

# Hurricane Hatch™

## ROOF HATCH

Built to withstand nature's toughest storms, Babcock-Davis' Hurricane Hatch™ is ideal for regions extreme wind conditions. This hatch was tested for wind-uplift, forced entry and air infiltration.

### FEATURES

**INDUSTRY'S BEST** Tested for small and large missile impact - Class IV (TAS 201-94), Air Pressure & Water Penetration (TAS 202-94), and Cyclic Wind Pressure Loading (TAS 203-94).

**NEW LARGER SIZES** Miami-Dade Approved configurable sizes available up to a maximum opening of 20 ft² area; industry's largest 30" x 96".



### DETAILS

#### MATERIAL

- Aluminum 11 gauge, mill finish
- Steel 14 gauge galvalume, red oxide powder coat

**COVER** Formed metal cover with liner, stiffened to withstand a live load of 40psf with a max deflection of 1/150 of the span

**CURB** Single wall curb with EZ tab counterflash and mounting flange

**INSULATION** 1 inch polyiso R-6 in curb, 1 inch polystyrene in cover

**GASKET** Extruded EPDM adhesive backed gasket seal continuous around cover

**HOLD OPEN ARM** Zinc plated steel automatic hold open arm locks cover in open position

**LATCH** Zinc plated steel latch with exterior and interior turn handles and padlock hasps.

**CERTIFICATION** Florida Product Approved and Miami-Dade County

#### 2-POINT LATCH

**SPRING / HINGE ASSEMBLY** Zinc plated steel tamper-proof hinges contained within spring assembly, includes steel compression springs

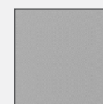
#### SINGLE POINT LATCH

**SPRING** Gas spring with damper for smooth, controlled lift assistance

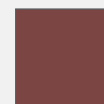
**HINGE** Heavy-duty pintle hinge with stainless steel hinge pin

**PULL HANDLE** Interior safety pull down handle, yellow powder coat

#### FINISHES



Mill



Red Oxide  
Powder Coat

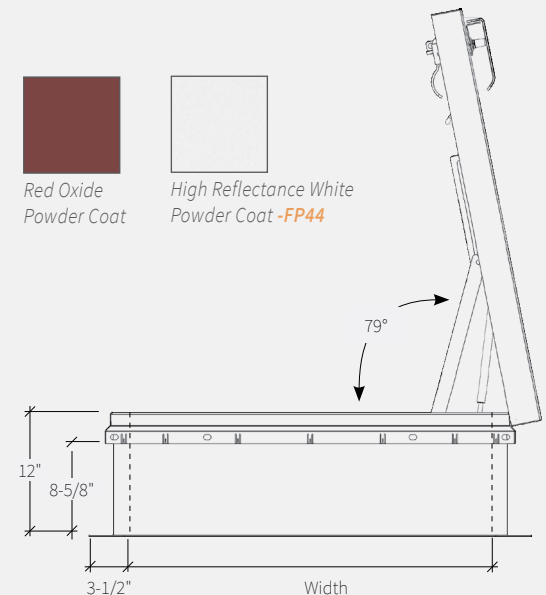


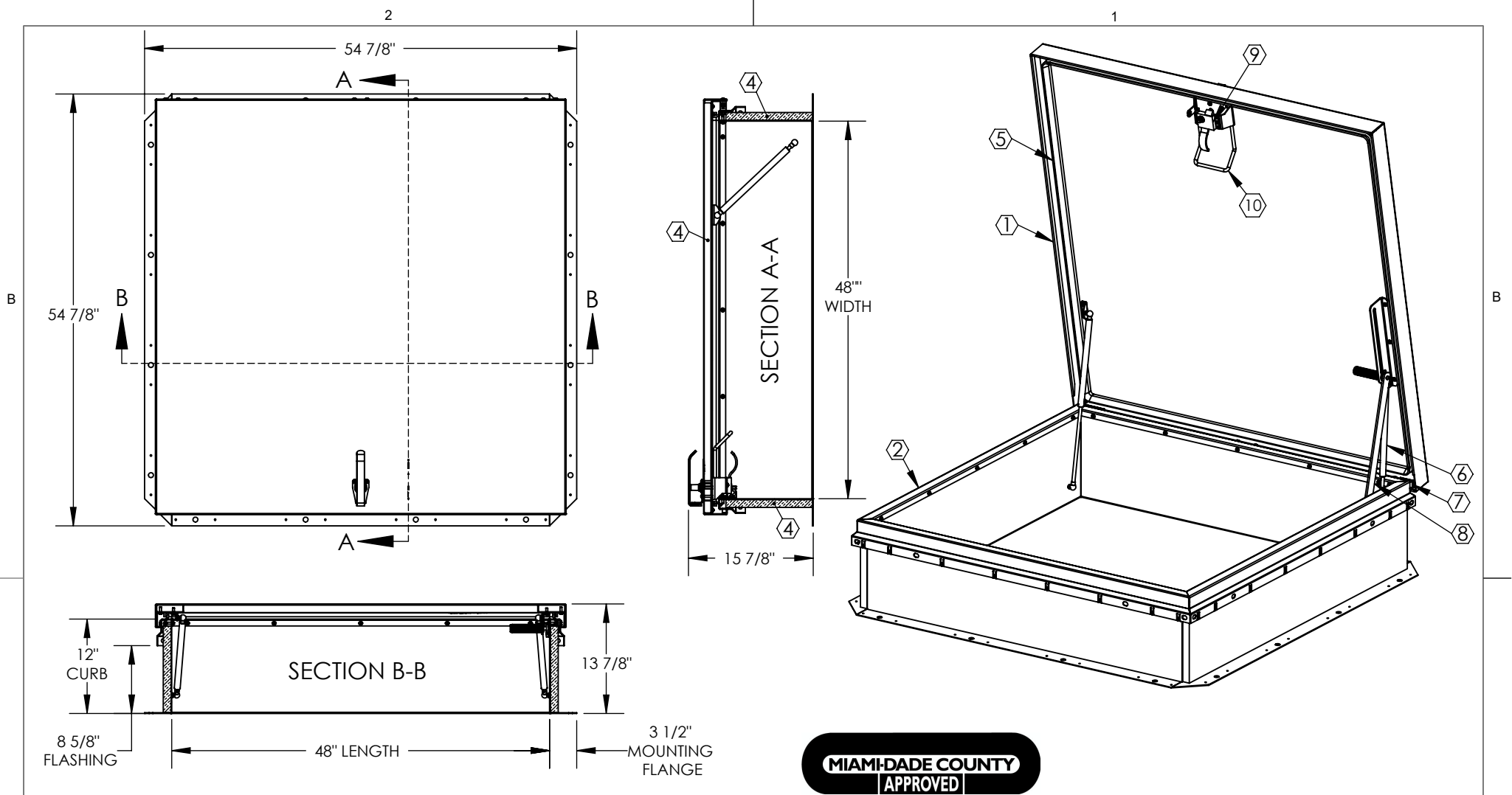
High Reflectance White  
Powder Coat -FP44

### STANDARDS SIZES

GALVANIZED STEEL	ALUMINUM	SIZE (IN.)	ACCESS	DOOR	CURB	LATCH
BRHHG30X54S1T	BRHHA30X54S1T	30 x 54	Ship Stair	Single	Single Wall	Single Point
BRHHG30X72S1T	BRHHA30X72S1T	30 x 72	Ship Stair	Single	Single Wall	2-Point
BRHHG30X96S1T	BRHHA30X96S1T	30 x 96	Ship Stair	Single	Single Wall	2-Point
BRHHG36X30S1T	BRHHA36X30S1T	36 x 30	Ladder	Single	Single Wall	Single Point
BRHHG36X36S1T	BRHHA36X36S1T	36 x 36	Ladder	Single	Single Wall	Single Point
BRHHG36X72S1T	BRHHA36X72S1T	36 x 72	Ship Stair	Single	Single Wall	2-Point
BRHHG48X48S1T	BRHHA48X48S1T	48 x 48	Ladder	Single	Single Wall	Single Point

Additional sizes and options available, call for more information.





**SPECIFICATIONS:**

- ① **COVER:** 14GA (.079) GALV STEEL, STIFFENED TO WITHSTAND A LIVE LOAD OF 40PSF WITH A MAX DEFLECTION OF 1/150 OF THE SPAN.
- ② **CURB:** 14GA (.079) GALV STEEL CURB COUNTERFLASH WITH EZ TABS.
- ③ **FINISH:** RED POWDER COAT
- ④ **INSULATION:** 1" POLYISO R-6 (5.6 LTTR) IN CURB, 1" POLYSTYRENE R-4 (3.8 LTTR) IN COVER.
- ⑤ **GASKET:** EXTRUDED EPDM RUBBER ADHESIVE BACKED GASKET SEAL CONTINUOUS AROUND COVER.
- ⑥ **SPRING:** GAS SPRING WITH DAMPER FOR SMOOTH, CONTROLLED, COUNTERBALANCED LIFT ASSISTANCE.
- ⑦ **HINGE:** PINTLE HINGE WITH STAINLESS STEEL HINGE PINS.
- ⑧ **HOLD OPEN ARM:** ZINC PLATED STEEL AUTOMATIC HOLD OPEN ARM LOCKS COVER IN FULLY OPEN POSITION WITH RED VINYL GRIP HANDLE PULL RELEASE.

- ⑨ **LATCH:** ZINC PLATED STEEL SLAM LATCH, HOLDS COVER CLOSED AGAINST WIND UPLIFT, INTERIOR AND EXTERIOR TURN HANDLES WITH PADLOCK HASPS.
- ⑩ **PULL HANDLE:** INTERIOR PULL DOWN HANDLE, SAFETY YELLOW POWDER COAT


**NOTES:**

-WHEN INSTALLING ON A PITCHED ROOF UP TO 7:12, THE HINGE SIDE(LENGTH)MUST BE PARALLEL TO THE SLOPE.  
- WIDTH X LENGTH DIMENSIONS ARE MEASURED INSIDE CURB TO INSIDE CURB. THE WIDTH IS HINGE TO LATCH AND LENGTH IS HINGED SIDE.

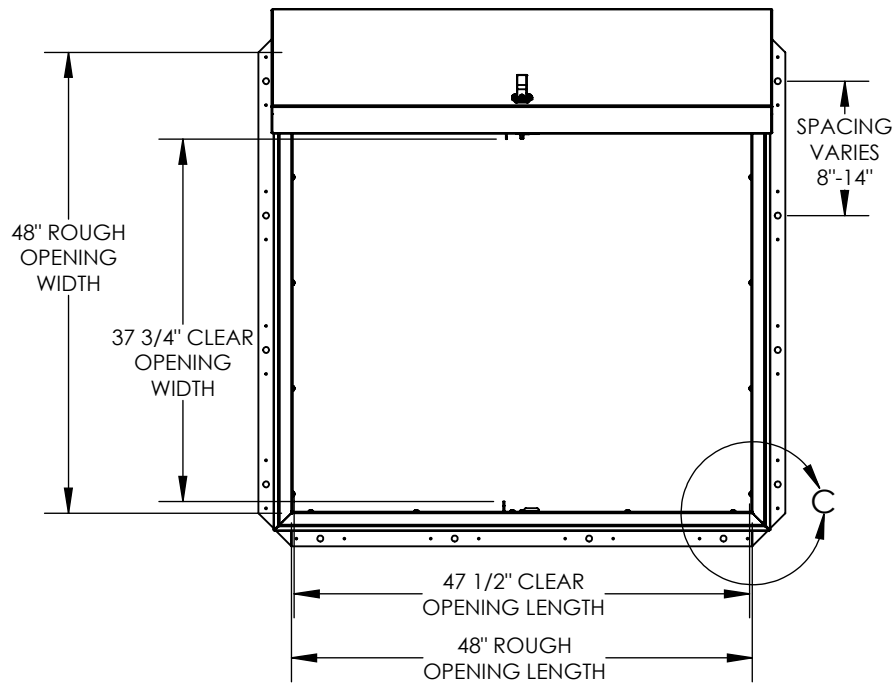
**ROOF HATCH SIZE** 48" (WIDTH) x 48" (LENGTH)  
**CLEAR OPENING** 37 3/4" (WIDTH) x 47 1/2" (LENGTH)  
**ROUGH OPENING** 48" (WIDTH) x 48" (LENGTH)

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**MIAMI-DADE COUNTY**  
**APPROVED**

PROJECT:					
ARCHITECT:					
CONTRACTOR:					
QTY:					
PART:		BRHHG48X48S1T			
 For more information, contact us at <a href="mailto:info@bestroofhatches.com">info@bestroofhatches.com</a> or call us at 1-800-431-8651		TITLE:			
		Roof Hatch, Hurricane 48x48, Sngl Dr, Galv Steel, Red Pwd, Sngl Wall Curb			
	NAME	DATE	SIZE	DWG. NO.	REV
DRAWN	SGS	04/01/15	A	BRHHG48X48 S1T	-
RELEASED	IMT	04/01/15	WEIGHT: 240.7 lbs	SHEET 1 OF 2	

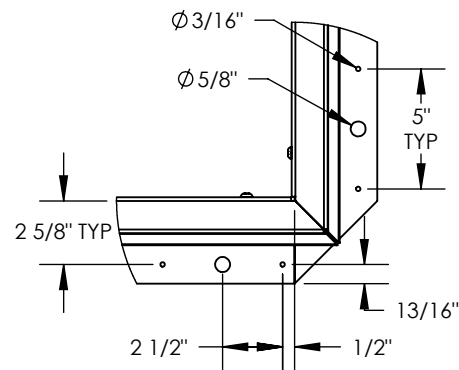
B



INTERNAL  
PADLOCK HASP

SLAM LATCH

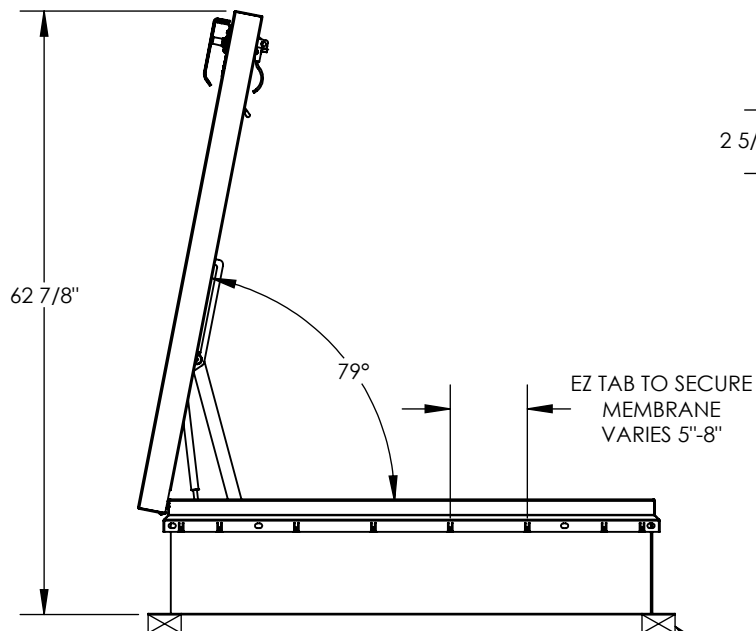
PULL HANDLE



DETAIL C  
SCALE 1 : 8

PULL TO RELEASE  
HOLD OPEN ARM.

A



WOOD, CONCRETE, OTHER  
MATERIAL FOR MOUNTING  
BY OTHERS (NIC)



For more information, contact us  
at [info@bestroofhatches.com](mailto:info@bestroofhatches.com) or  
call us at 1-800-431-8651

TITLE:

Roof Hatch, Hurricane  
48x48, Sngl Dr,  
Galv Steel, Red Pwd, Sngl Wall Curb

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SHEET 2 OF 2

B

A