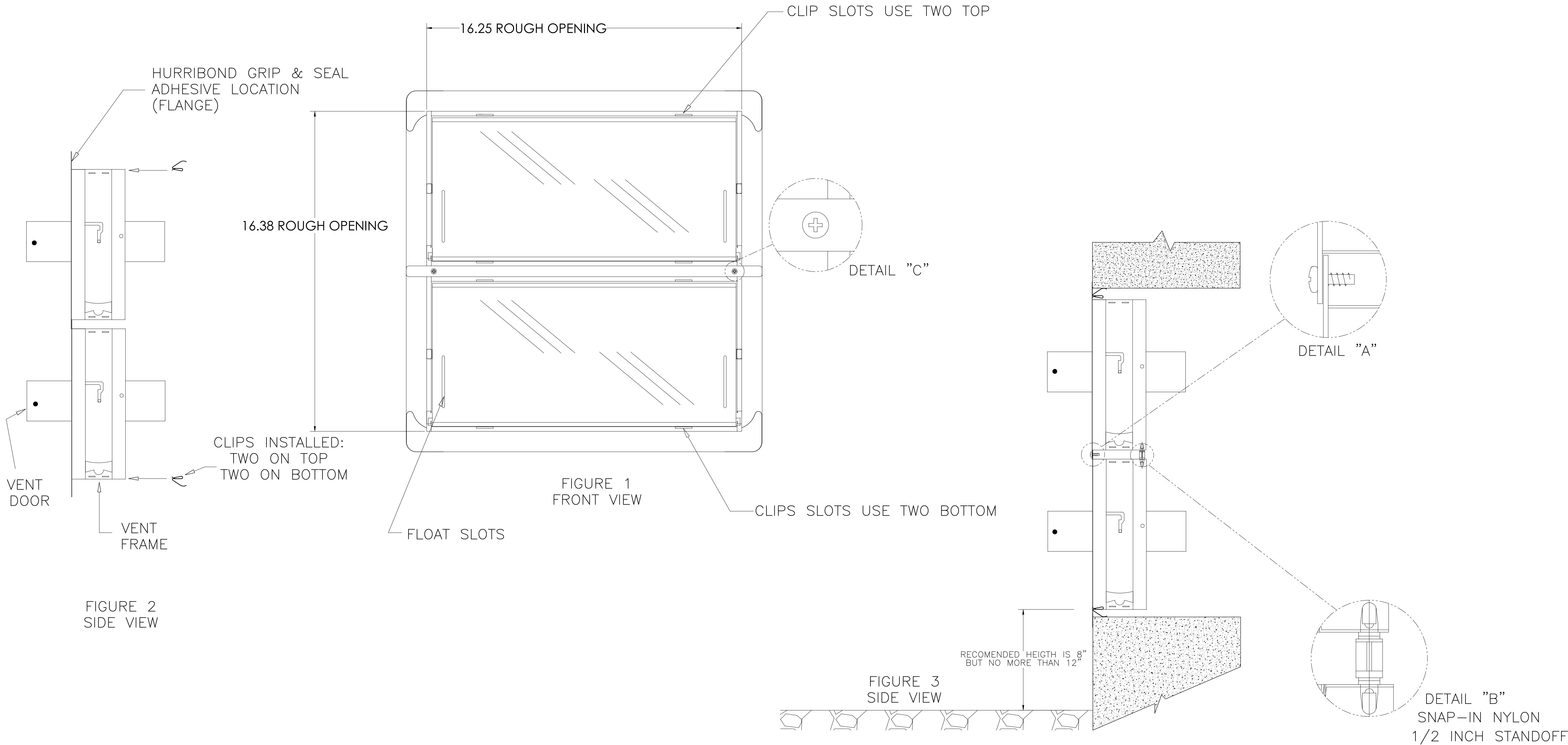


REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	B	RE-DRAWN	6/12/2019	
	C	RE-DRAWN	4/3/2024	
	D	RE-DRAWN	12/8/2024	

DETAIL DIAGRAM
MODEL 1540-521
FLOOD VENT INSULATED



DETAILED SPECIFICATIONS:

OPERATION FLOOD: AUTOMATIC NON-POWERED ACTIVATION AND OPERATION

VENT REMAINS CLOSED AND LOCKED UNTIL ACTIVATED

HYDROSTATIC RELIEF: 200 SQ. FT PER VENT
(400 SQ. FT. PER THIS 2 UP ASSEMBLY)

APPROVED FOR HVHZ: YES- DESIGN PRESSURE +100/-100

IMPACT RESISTANCE: N/A

MATERIAL: STAINLESS STEEL

REQUIREMENTS : MINIMUM OF TWO VENTS PER ENCLOSED AREA.
MOUNTED ON AT LEAST TWO DIFFERENT WALLS.

COLORS: STAINLESS STEEL (UNFINISHED) STANDARD

INDUSTRIAL POWDER WHITE, WHEAT, GRAY, BLACK, CUSTOM COLORS AVAILABLE.

MEETS THE REQUIREMENTS FOR AUTOMATIC FOUNDATION FLOOD VENTS PER:
NATIONAL FLOOD INSURANCE PROGRAM 44 CFR 60.3 (C) (5)
ACCEPTANCE CRITERIA FOR MECHANICALLY OPERATED FLOOD VENTS (AC364): ESR-2074.
INTERNATIONAL BUILDING CODE (IBC) .
INTERNATIONAL RESIDENTIAL CODE (IRC).
INTERNATIONAL ENERGY CONSERVATION CODE (IECC).
ABU DHABI INTERNATIONAL BUILDING CODE (ADIBC).
FLORIDA PRODUCT APPROVAL FL-5822-R7.
FLORIDA BUILDING CODE - BUILDING.
FLORIDA BUILDING CODE - RESIDENTIAL.
CALIFORNIA BUILDING CODE (CBC).
CALIFORNIA RESIDENTIAL CODE (CRC).
DIVISION 08 00 00-OPENINGS.
SECTION 08 95 43-VENTS/FOUNDATION FLOOD VENTS.
FULL SPECIFICATIONS ARE AVAILABLE.

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		DIMENSIONS ARE IN INCHES		DRAWN:	DATE	877-441-8368 WWW.SMARTVENT.COM	
		TOLERANCES FRACTIONAL 1/32 ANGULAR .125		CHECKED:		TITLE:	
		TWO PLACE DECIMAL .003 THREE PLACE DECIMAL .0005		ENG. APPR:		FLOOD VENT INSULATED	
		INTERPRET GEOMETRIC TOLERANCES PER:		Q.A.		MODEL 1540-521	
		MATERIAL: STAINLESS STEEL		COMMENTS:		SIZE DWG. NO.	
		FINISH: SEE NOTE				E 1540-521 D	
		APPLICATION:				SCALE: 1:1	
						SHEET 1 OF 1	