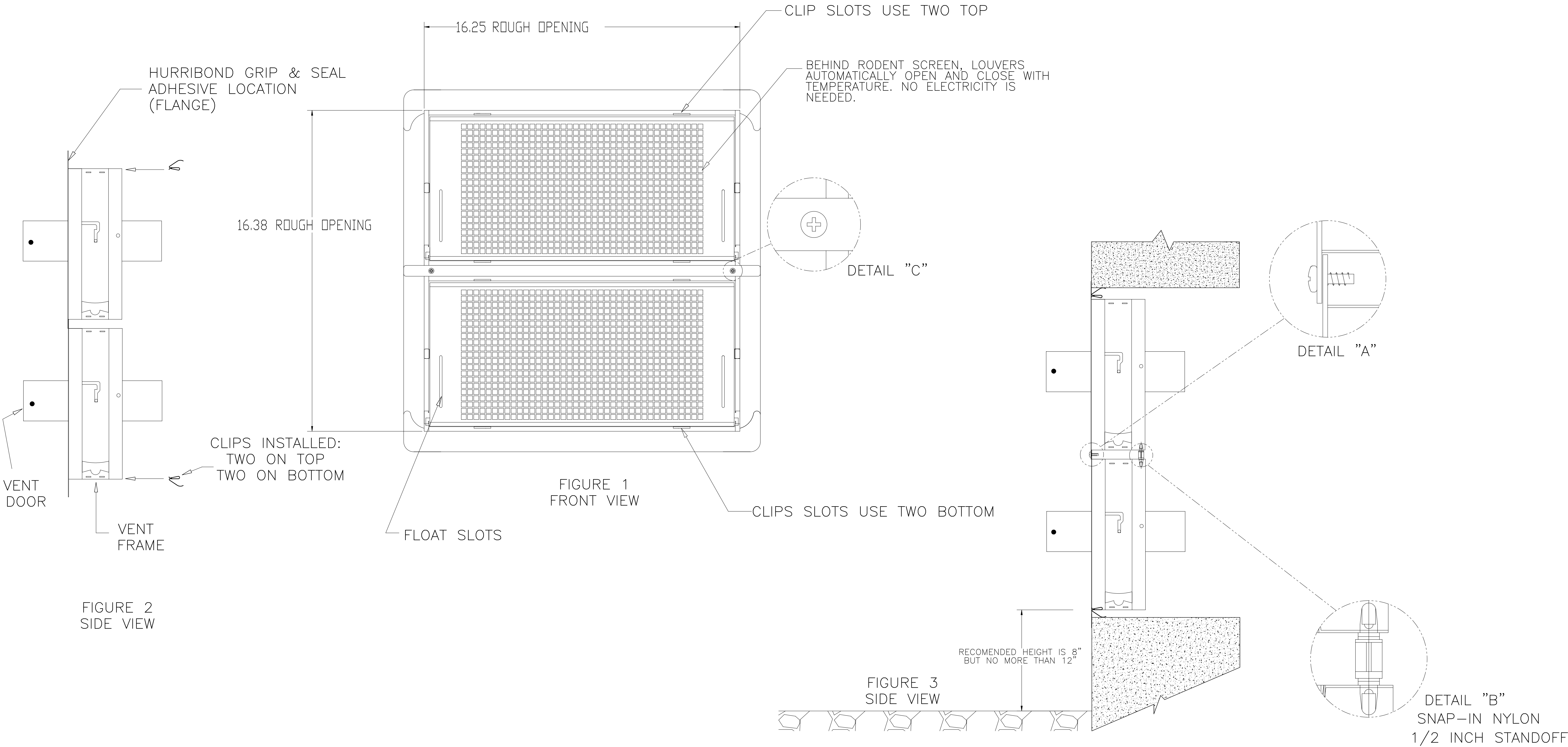


REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	C	RE-DRAWN	6/12/2019	
	D	RE-DRAWN	4/3/2024	
	E	RE-DRAWN	12/8/2024	

DETAIL DIAGRAM
MODEL 1540-511
DUAL FUNCTION FLOOD
AND VENTILATION VENT



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)
MATERIAL: STAINLESS STEEL

OPERATION AIR: AUTOMATIC LOUVERS FULLY OPEN AT 75
DEG. FULLY CLOSED AT 35 DEG. NO POWER REQUIRED

VENTILATION: 51 SQ. FT PER VENT (102 SQ. IN. AS PER THIS 2 UP ASSEMBLY)
NOTE: VAPOR BARRIER ALLOWS FOR REDUCED VENTILATION

REQUIREMENTS FLOOD: MINIMUM OF 2 VENTS PER ENCLOSED AREA MOUNTED
ON AT LEAST 2 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.

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	SMART VENT®	
ALL DIMENSIONS ARE IN INCHES	DRAWN	HP	6-11-19	877-441-8368	WWW.SMARTVENT.COM
FRACTIONAL 1/16"	CHECKED				
ANGULAR 1/16"	ENG. APPR.				
THICK PLATE BEYOND 1/16"	ENG. APPR.				
INTERPRET (ELECTRIC)	DATA				
TERMINATING PIPES	EDMENTS				
NOTES:	STAINLESS STEEL				
VENT HOSE	USER ON				
APPLICATION	SEE NOTE				

TITLE:		DUAL FUNCTION FLOOD AND VENTILATION VENT MODEL 1540-S11	
SIZE (DWG. NO.)	REV	SCALE: 1/1	SHEET 1 OF 1
E 1540-511	E		