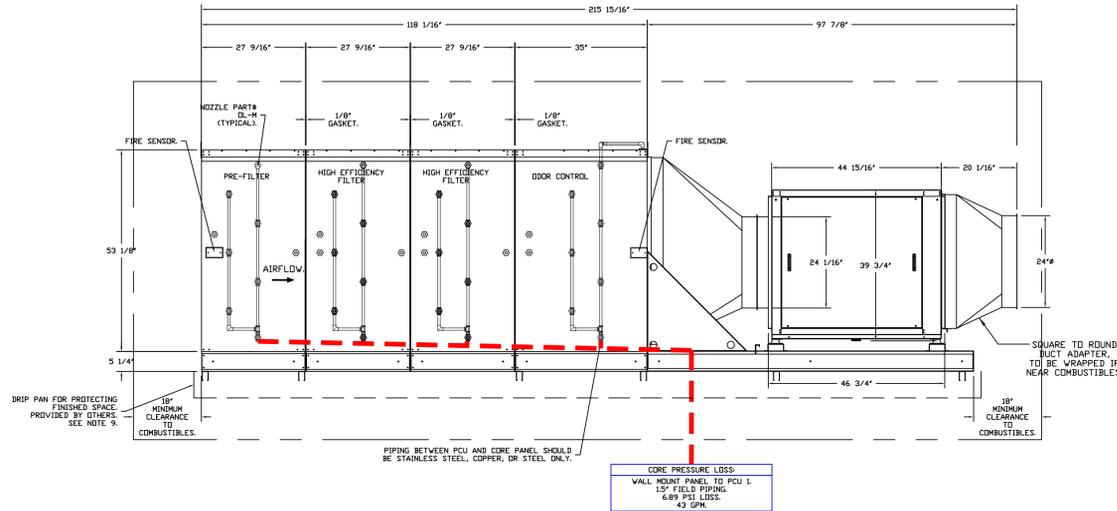


POLLUTION CONTROL UNIT FIRE SYSTEM
 FAN #2 AH-SIF243D-HESS-02762 - EXHAUST FAN (PCU-1) - POLLUTION CONTROL UNIT WITH CORE PROTECTION FIRE SYSTEM INSTALLED. INCLUDES STEEL PRE-FILTER MODULE, HIGH EFFICIENCY MERV 15 FILTER MODULE, AND ODOR CONTROL MODULE PREPPED WITH 25 0L-M NOZZLES AND INCLUDES DOWNSTREAM PROTECTION. ELECTRIC FIRE DETECTOR AND NOZZLES ARE INCLUDED.



— FIELD PIPING

PCU CORE WATER FLOW SUMMARY			
	PIPE DIAMETER	MINIMUM FLOW RATE (GPM)	PRESSURE DROP (PSI)
Field Piping Wall Mount Panel to PCU	1.5	43	6.89
PCU Internal Piping	0.375	43	20

TOTAL SYSTEM INLET REQUIREMENTS			
	MINIMUM FLOW RATE (GPM)	MINIMUM PRESSURE (PSI)	
TOTAL CORE INLET REQUIREMENTS	43	26.89	

* OPERATING PRESSURE RANGE AT CORE PANEL GAUGE IS 26.89 TO 70 PSI. MAXIMUM STATIC PRESSURE IS 125 PSI.

CORE PRESSURE LOSS
 WALL MOUNT PANEL TO PCU 1.5" FIELD PIPING
 6.89 PSI LOSS
 43 GPM

REVISIONS		
NO.	DESCRIPTION	DATE

ADVANCE
HOOD SYSTEMS
 Advanced Hood Systems, LLC
 FL PHONE: FAX: 31227971 E-MAIL: info@advancedhoodsystems.com

Windward ARC Kitchen - Bahamas
 Hialeah, FL,
 DATE: 3/11/2024
 DWG.#: 6328705
 DRAWN BY: jseward
 SCALE: 3/4" = 1'-0"
 MASTER DRAWING

SHEET NO.
 4

**Windward ARC
 Kitchen & Bar
 Nassau, Bahamas**



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No.	Revision/Issue	Date
5	Added MEP & Hood Shops	3-12-24
6	Moved Bev Table, adjusted hot line. Added Chef Desk.	4-4-25
7	Changed #9 Refrigerators, moved sink #117	4-20-25
8	Added modifications to #61-#21-#31	01-14-26

Date
Jan 14, 2026
 Drawn By
Dayne Gauntlett
 Scale
NTS

Sheet
FS-6.4