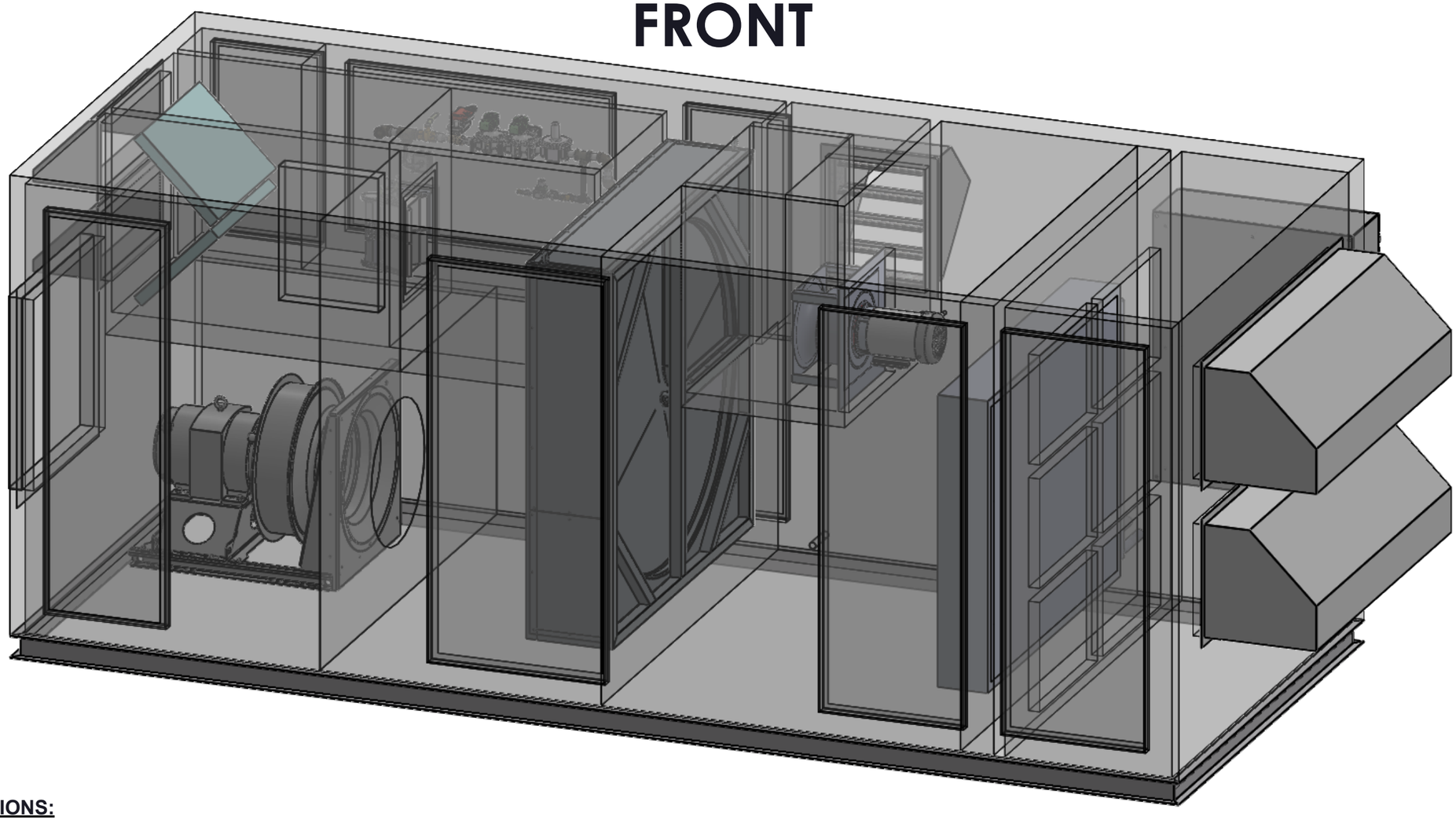
WPC-12000-PRC-460
DESICCANT DEHUMIDIFIER
FRONT



GENERAL SPECIFICATIONS:

UNIT HEIGHT:	86" (7' 2")
CASING LENGTH:	210" (17' 6")
APPROX. LENGTH W/HOODS:	258" (21' 6")
CASING DEPTH:	88" (7' 4")
APPROX. DEPTH W/HOODS.:	107" (8' 11")
DESIGN PROCESS AIRFLOW:	10,000 CFM
DESIGN REACT AIRFLOW:	2,950 CFM
ESTIMATED WEIGHT:	7,500 LBS

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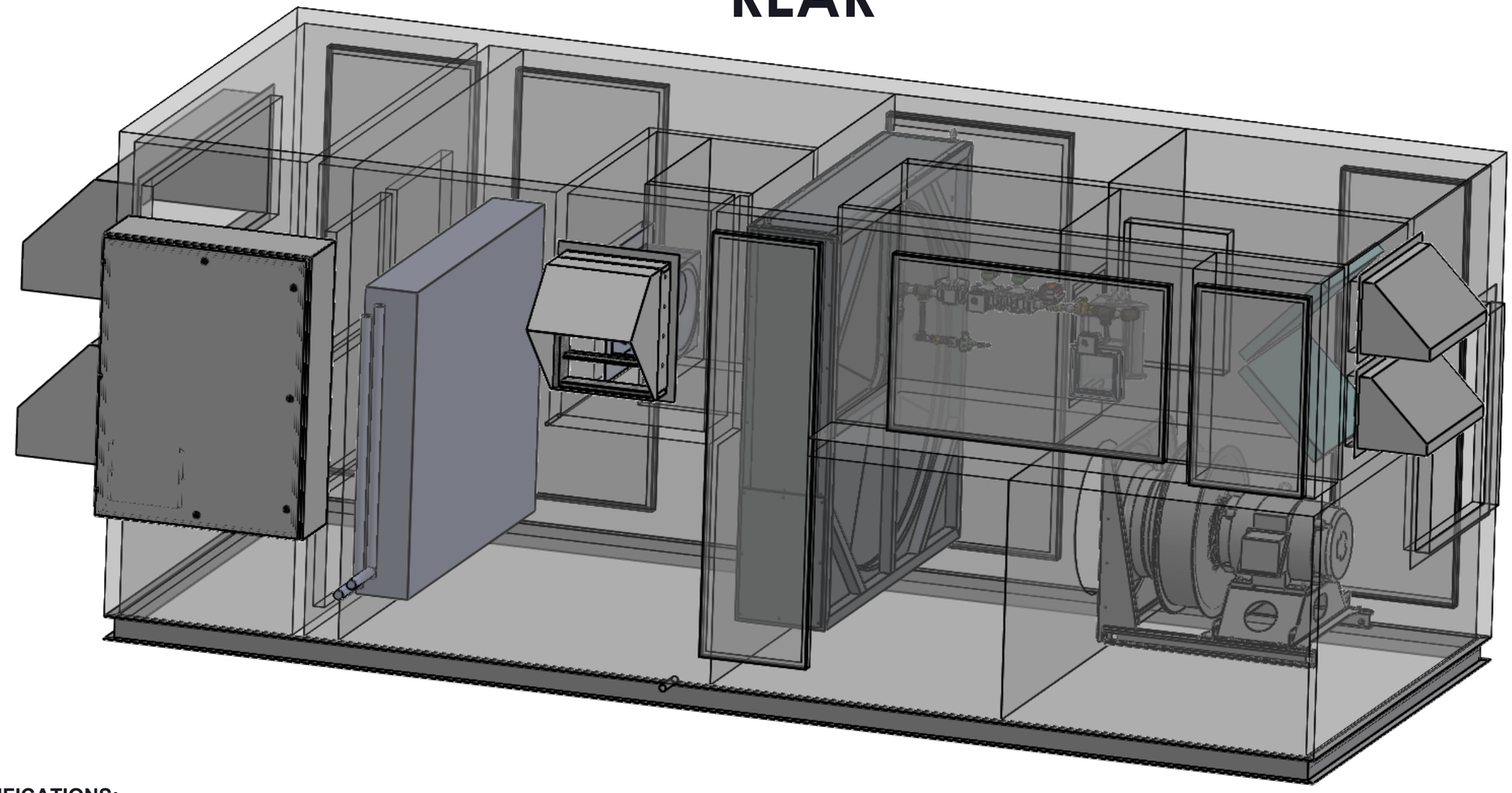
SALES & TECHNICAL OPERATIONS: 6442 PENN AVE SOUTH, MINNEAPOLIS, MN 55423

PLOT DATE:	1/27/2023		SHEET SCALE:	1:20		PROJECT NAME		DESIGNED BY: DRYSOLUTIONS INC.	
G			SHEET SIZE (ANSI):	B				DRAWN BY:	NDB
F			6					DATE CREATED:	2/17/2022
E			5					WPC-12000-PRC-460 DESICCANT DEHUMIDIFIER UNIT RENDERING	
D			4						
C			3			PROJECT LOCATION			
B			2						
A			1						
NO.	DESCRIPTION	DATE	NO.	DESCRIPTION	DATE			PROJECT NO.:	POTXXXX
REVISIONS			RELEASES					SHEET NO.:	M-01

WPC-12000-PRC-460
DESICCANT DEHUMIDIFIER
REAR



GENERAL SPECIFICATIONS:

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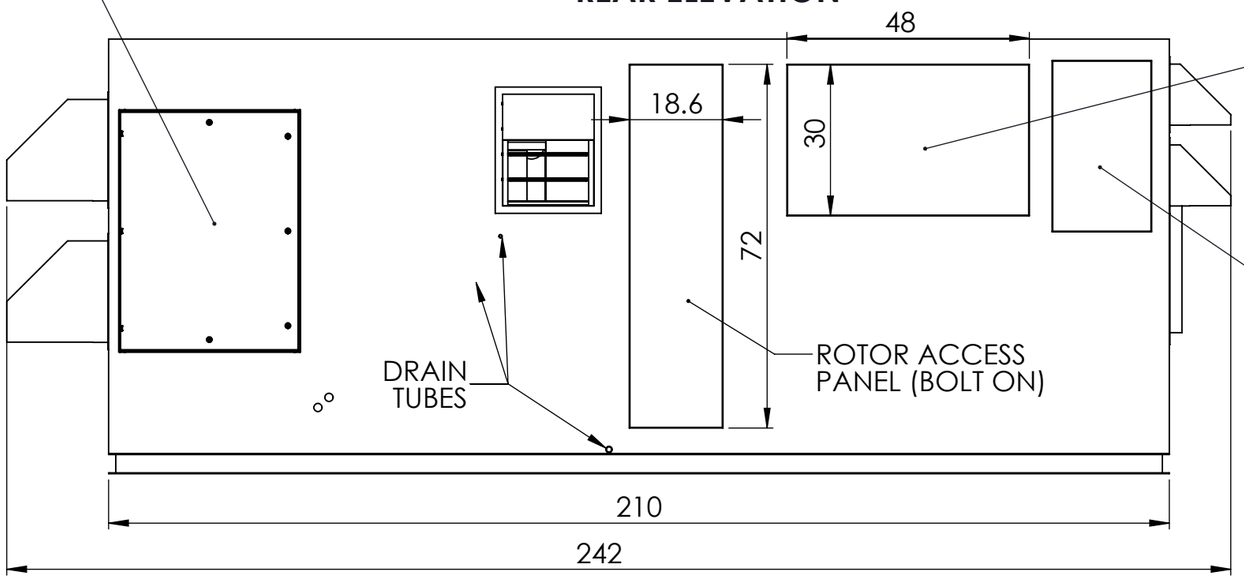
PLOT DATE:	1/27/2023		SHEET SCALE:	1:20		PROJECT NAME	DESIGNED BY: DRYSOLUTIONS INC.
G			SHEET SIZE (ANSI):	B			DRAWN BY: NDB
F			6				DATE CREATED: 2/17/2022
E			5				WPC-12000-PRC-460 DESICCANT DEHUMIDIFIER UNIT RENDERING
D			4				
C			3			PROJECT LOCATION	
B			2				
A			1				
NO.	DESCRIPTION	DATE	NO.	DESCRIPTION	DATE		PROJECT NO.: POTXXXX
REVISIONS			RELEASES				SHEET NO.: M-02

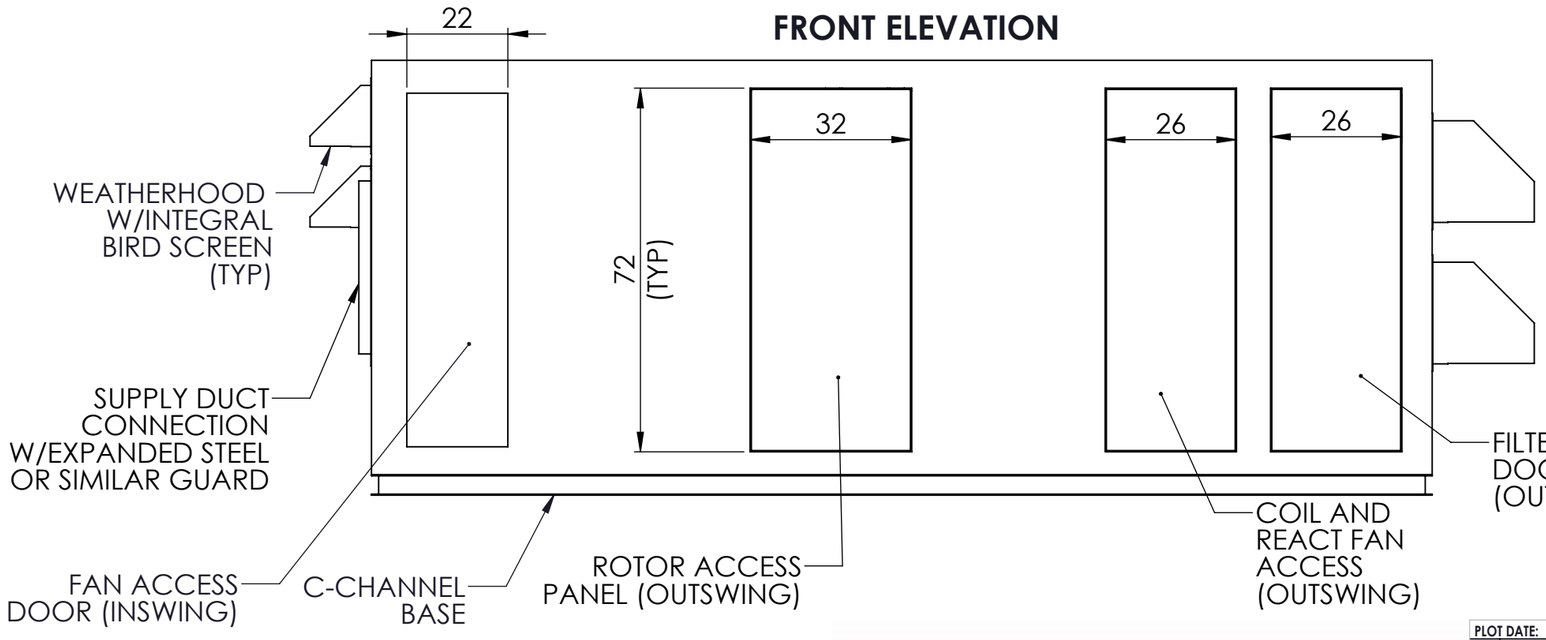
REAR ELEVATION



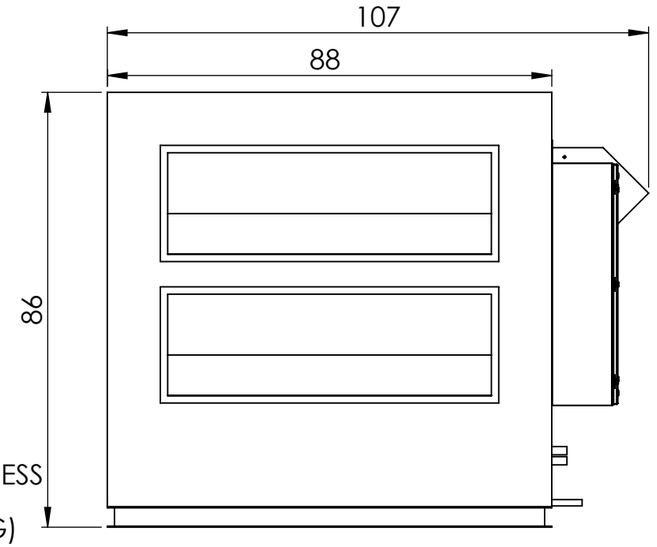
MATERIALS OF CONSTRUCTION:

CASING: 20GA. GALVANIZED MILL PHOSPHATIZED (PAINT GRIP) SHEET METAL W/ 16GA. GALVANIZED INTERNAL METAL CLADDING
BASE: 4" PAINTED STEEL C-CHANNEL
INSULATION: 2" FIBERGLASS
PAINT: EPOXY TYPE

FRONT ELEVATION



RIGHT ELEVATION



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PLOT DATE:	1/27/2023	SHEET SCALE:	1:30
		SHEET SIZE (ANSI):	B

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REVISIONS

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RELEASES

PROJECT NAME

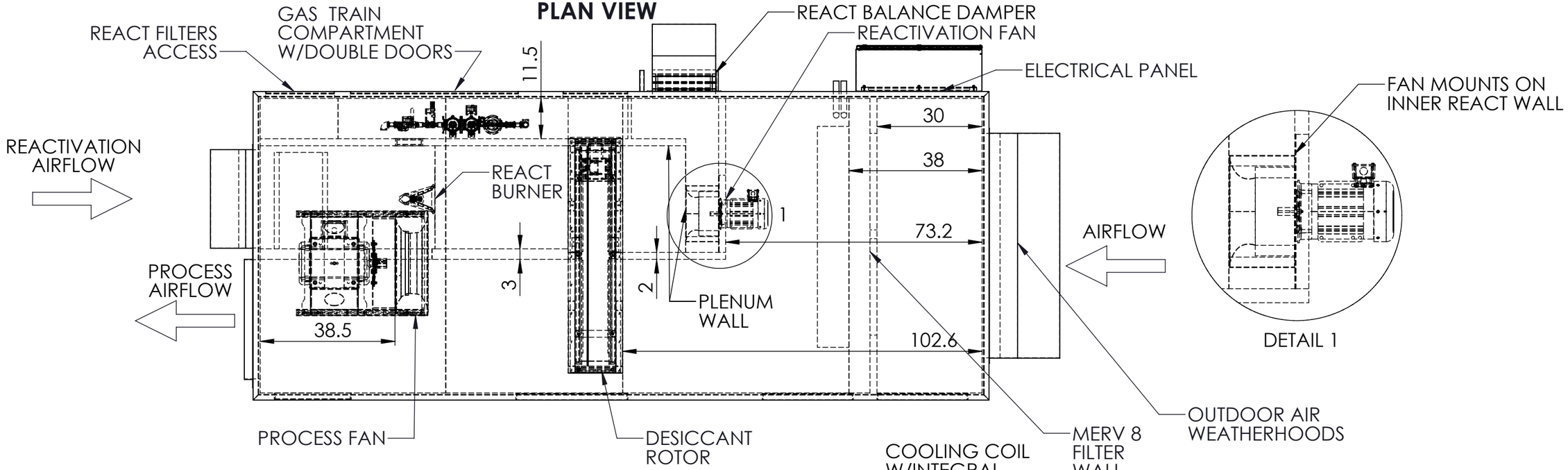
PROJECT LOCATION

DESIGNED BY: DRYSOLUTIONS INC.
DRAWN BY: NDB
DATE CREATED: 2/17/2022

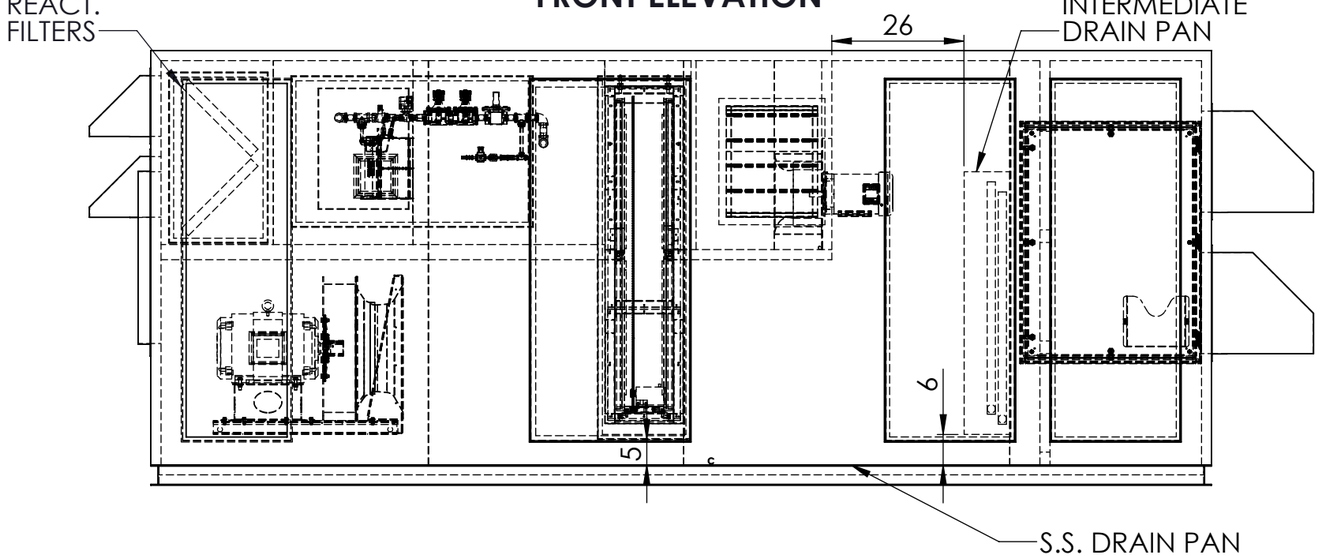
WPC-12000-PRC-460 DESICCANT DEHUMIDIFIER EXTERNAL DIMENSIONS

PROJECT NO.: POTXXXX
SHEET NO.: M-03

PLAN VIEW



FRONT ELEVATION



GENERAL NOTES:

1. ROTOR DIMENSIONS: 1525MM X 200MM
2. GAS TRAIN COMPARTMENT TO INCLUDE VENTILATION GRILLE/LOUVER
3. COIL DRAINS PAN TO BE STAINLESS STEEL (S.S.) AND SLOPED 1/4" PER FOOT MINIMUM TOWARDS THE DRAIN.
4. REACTIVATION OUTLET DUCT TO HAVE S.S. INTERNAL CLADDING AND 1/4" MIN. DRAIN.

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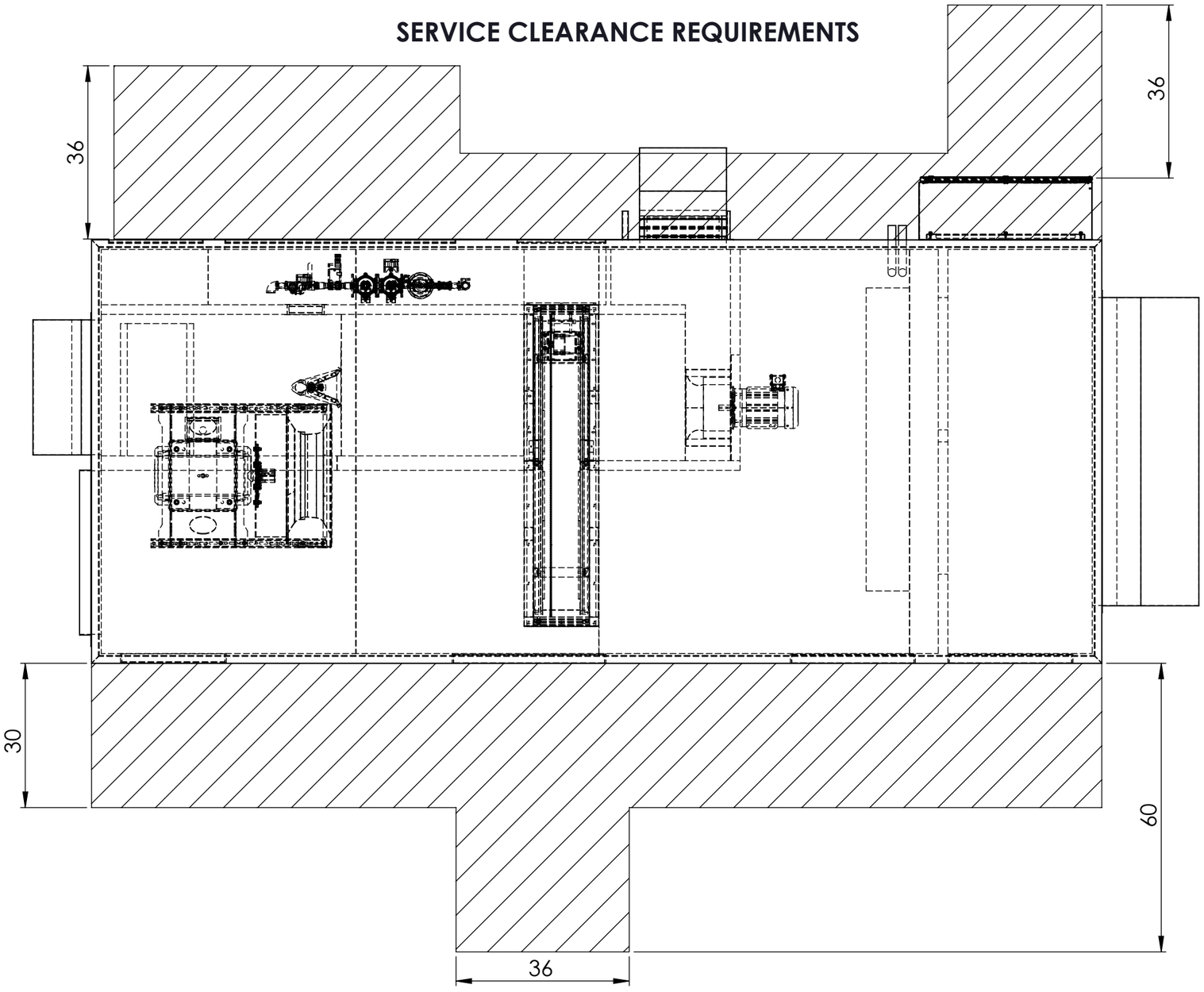
PLOT DATE:	1/27/2023		SHEET SCALE:	1:30		PROJECT NAME		DESIGNED BY: DRYSOLUTIONS INC.	
G			SHEET SIZE (ANSI):	B				DRAWN BY:	NDB
F			6					DATE CREATED:	2/17/2022
E			5					WPC-12000-PRC-460 DESICCANT DEHUMIDIFIER GENERAL LAYOUT	
D			4						
C			3			PROJECT LOCATION			
B			2						
A			1						
NO.	DESCRIPTION	DATE	NO.	DESCRIPTION	DATE			PROJECT NO.:	POTXXXX
REVISIONS			RELEASES					SHEET NO.:	M-04

SERVICE CLEARANCE REQUIREMENTS



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PLOT DATE:	1/27/2023
SHEET SCALE:	1:25
SHEET SIZE (ANSI):	B

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REVISIONS

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RELEASES

PROJECT NAME

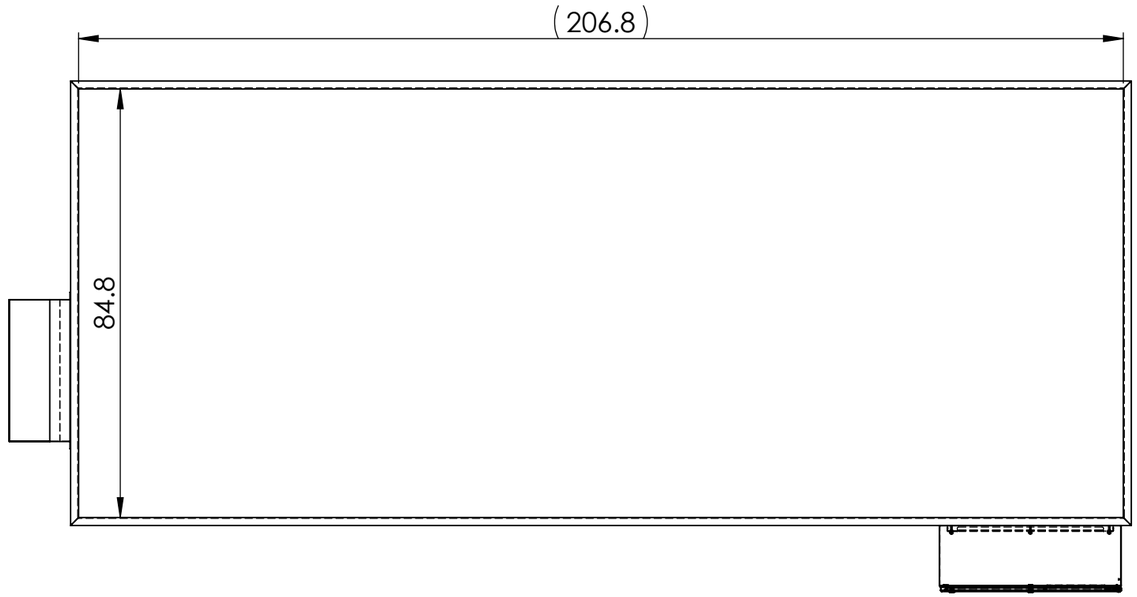
PROJECT LOCATION

DESIGNED BY: DRYSOLUTIONS INC.
DRAWN BY: NDB
DATE CREATED: 2/17/2022

WPC-12000-PRC-460
DESICCANT DEHUMIDIFIER
CLEARANCE REQUIREMENTS

PROJECT NO.: POTXXXX
SHEET NO.: M-05

BASE INSIDE DIMENSIONS
FOR ROOF CURB



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REVISIONS

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RELEASES

PROJECT NAME

PROJECT LOCATION

DESIGNED BY:	DRYSOLUTIONS INC.
DRAWN BY:	NDB
DATE CREATED:	2/17/2022

WPC-12000-PRC-460
DESICCANT DEHUMIDIFIER

PROJECT NO.:	POTXXXX
SHEET NO.:	M-06