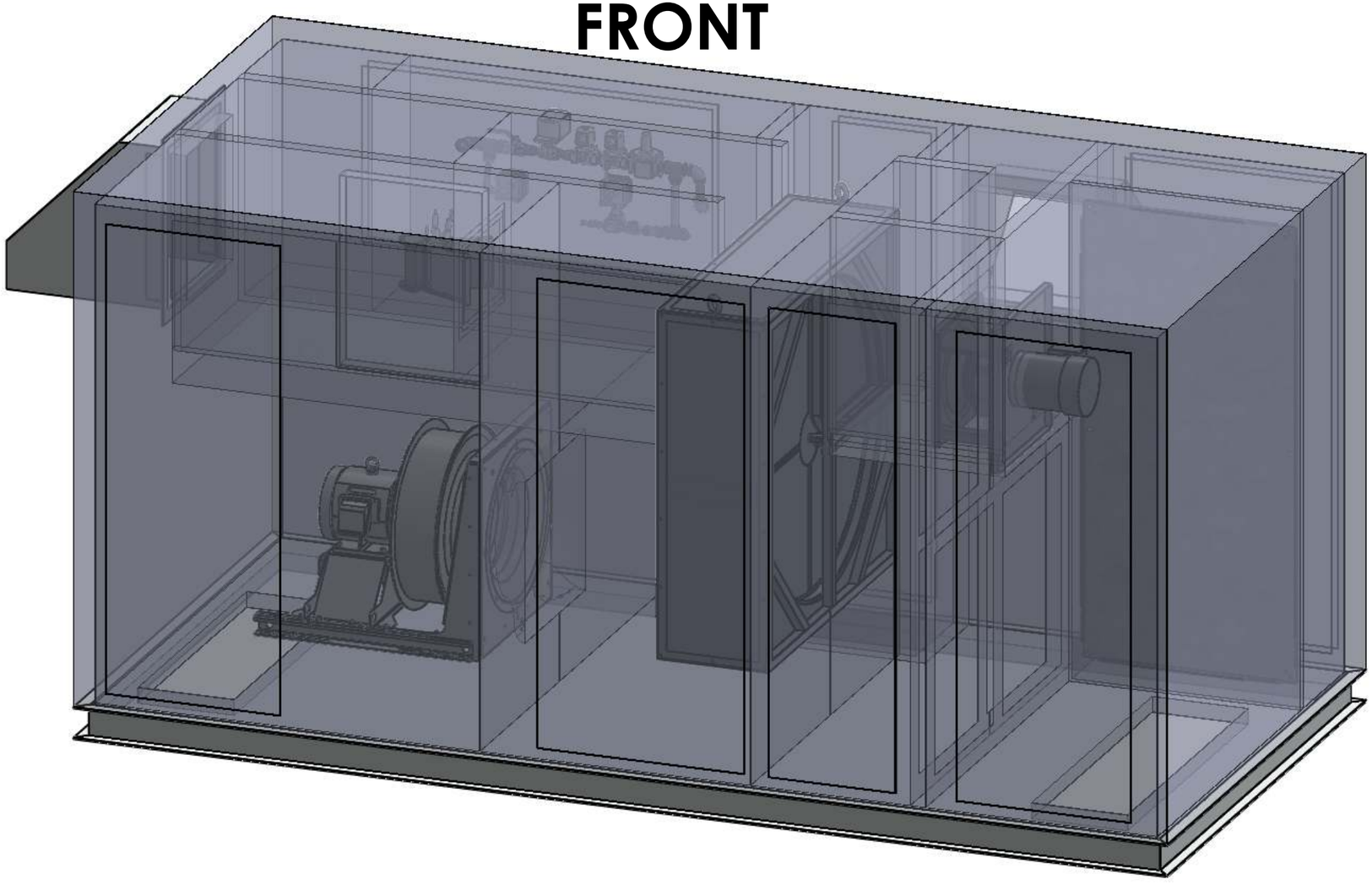
WP-5000
DESICCANT DEHUMIDIFIER
FRONT



GENERAL SPECIFICATIONS:

UNIT HEIGHT:	68" (5' 8")
CASING LENGTH:	137" (11' 5")
CASING DEPTH:	66" (5' 6")
DESIGN AIRFLOW:	5,000 CFM
ESTIMATED WEIGHT:	3,600 LBS

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

PLOT DATE: 9/14/2022

REVISIONS				RELEASES		
NO.	DESCRIPTION	DATE	NO.	DESCRIPTION	DATE
G			6		
F			5		
E			4		
D			3		
C			2		
B			1	Concept Design	07.29.22
A					

SHEET SCALE: 1:15
SHEET SIZE (ANSI): B

PROJECT NAME

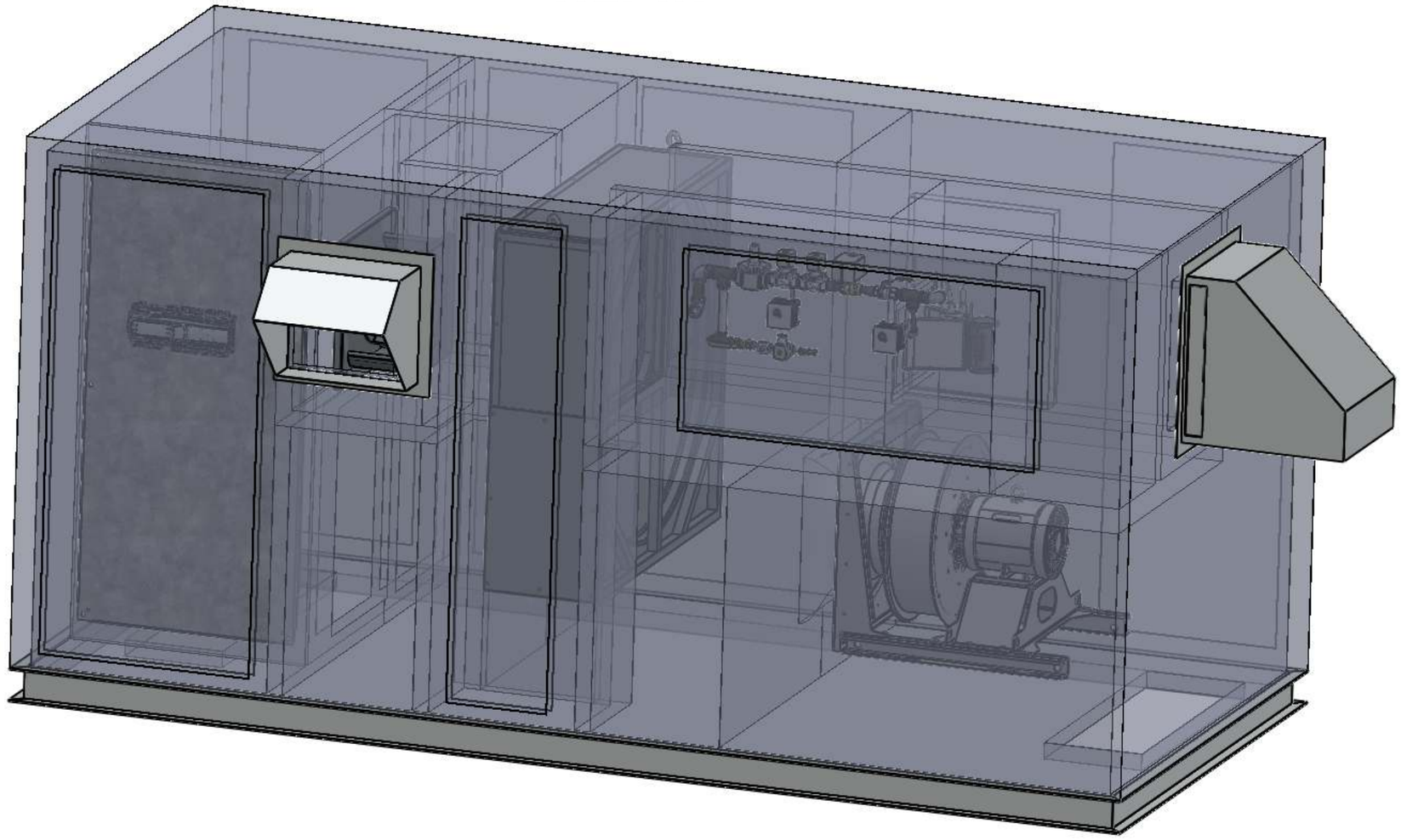
PROJECT LOCATION

DESIGNED BY: DRYSOLUTIONS INC.
DRAWN BY: NDB
DATE CREATED: 7/13/2022

WP-5000 DESICCANT DEHUMIDIFIER UNIT RENDERING

PROJECT NO.: POTXXXX
SHEET NO.: M-01

WP-5000
DESICCANT DEHUMIDIFIER
REAR



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PLOT DATE:	9/14/2022
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REVISIONS

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1	Concept Design	07.29.22

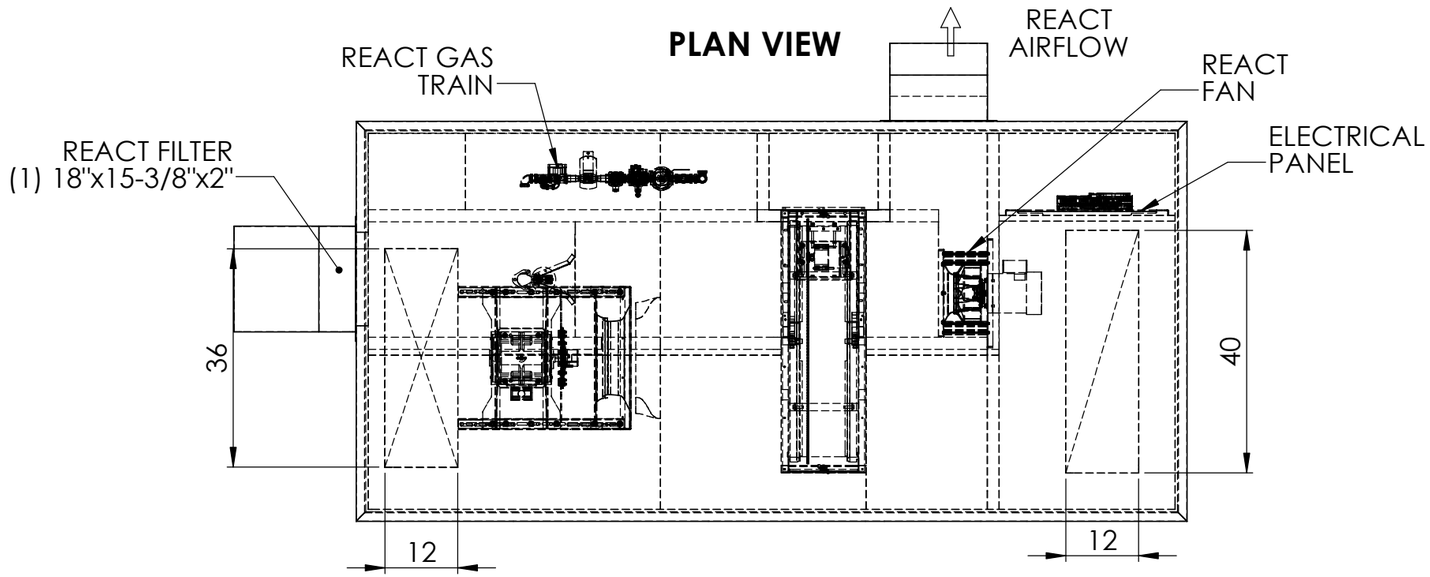
RELEASES

PROJECT NAME

PROJECT LOCATION

DESIGNED BY: DRYSOLUTIONS INC.	
DRAWN BY:	NDB
DATE CREATED:	7/13/2022
WP-5000 DESICCANT DEHUMIDIFIER UNIT RENDERING	
PROJECT NO.:	POTXXXX
SHEET NO.:	M-02

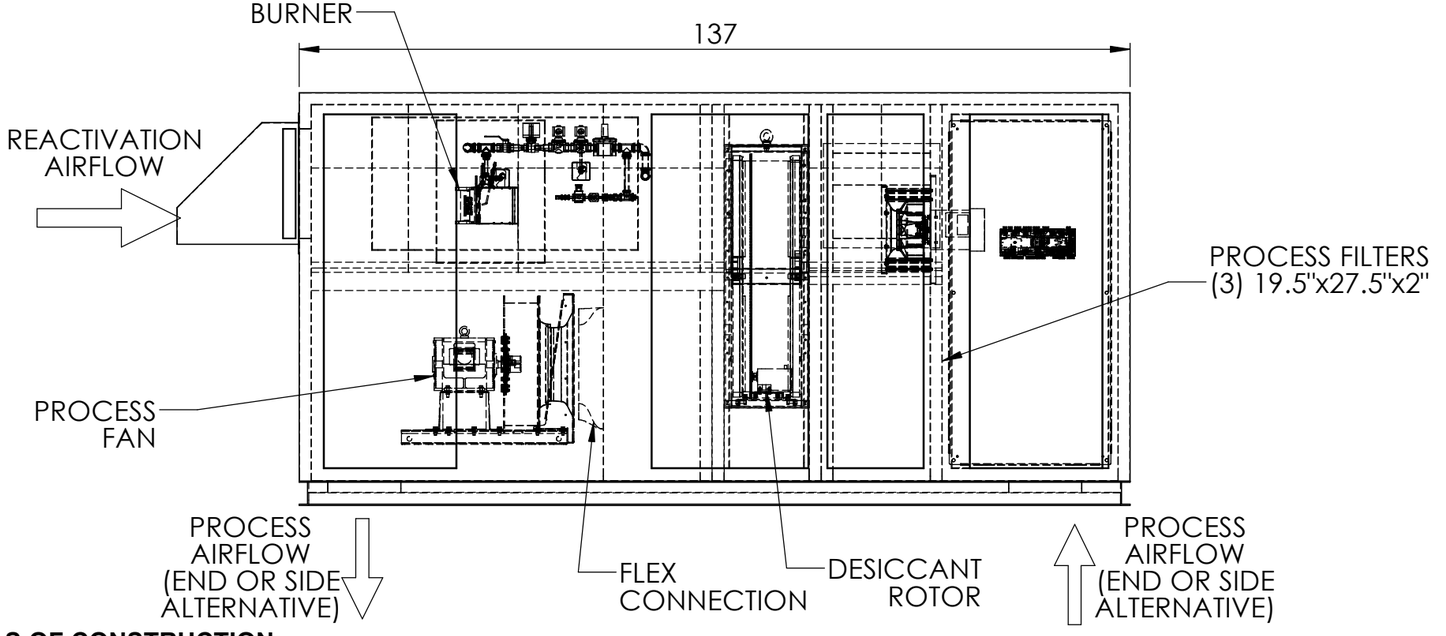
PLAN VIEW



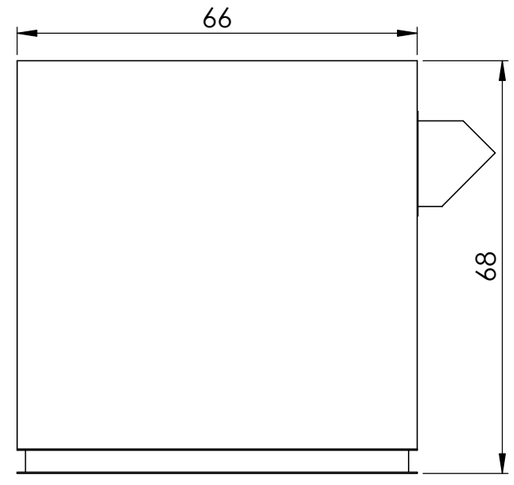
GENERAL NOTES:

1. ROTOR DIMENSIONS: 965MM X 200MM
2. REACTIVATION OUTLET DUCT TO HAVE STAINLESS STEEL (S.S.). INTERNAL CLADDING

FRONT ELEVATION



RIGHT ELEVATION



MATERIALS OF CONSTRUCTION:

CASING: DOUBLE WALLED 18GA. GALVANIZED MILL PHOSPHATIZED (PAINT GRIP) SHEET METAL
BASE: C4x5.4 GALVANIZED C-CHANNEL (PAINTED)
INSULATION: 2" FIBERGLASS
PAINT: EPOXY TYPE(DRYSOL GREY)

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PLOT DATE:	9/14/2022	SHEET SCALE:	1:25	PROJECT NAME
		SHEET SIZE (ANSI):	B	

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REVISIONS

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1	Concept Design	07.29.22

RELEASES

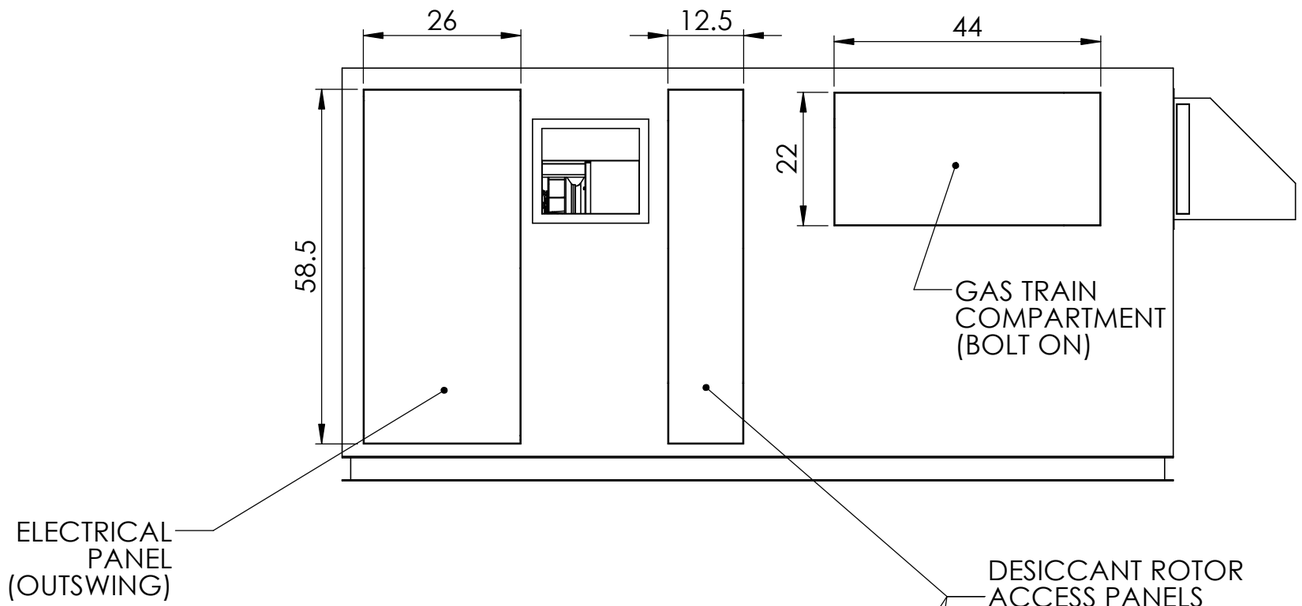
PROJECT LOCATION

DESIGNED BY:	DRYSOLUTIONS INC.
DRAWN BY:	NDB
DATE CREATED:	7/13/2022

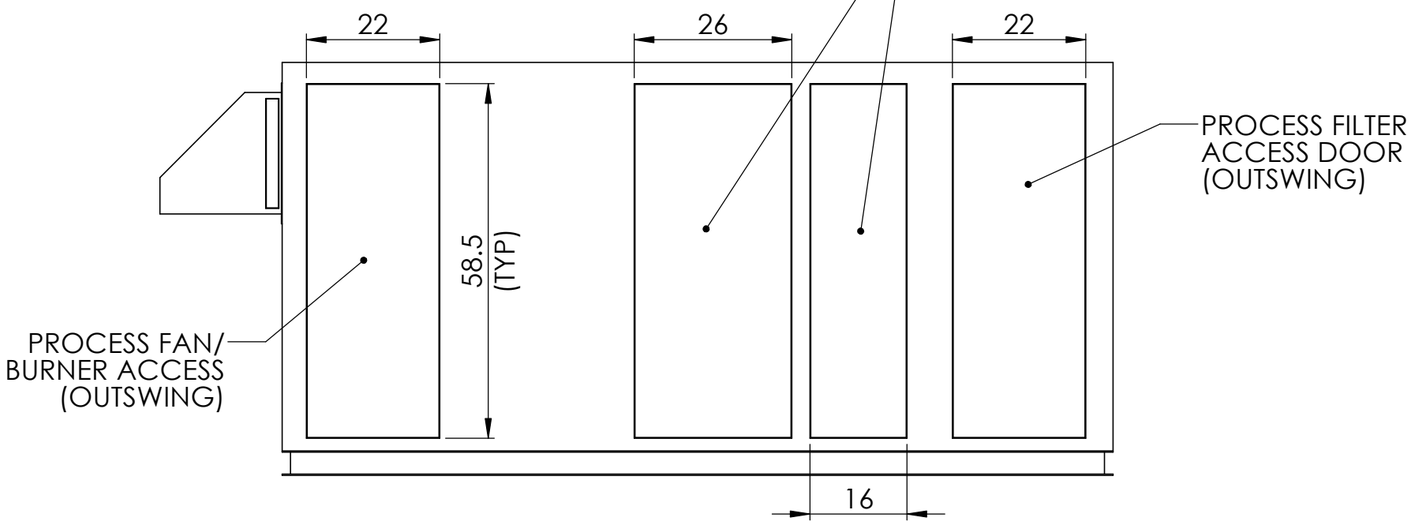
WP-5000 DESICCANT DEHUMIDIFIER GENERAL LAYOUT

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

REAR ELEVATION



FRONT ELEVATION



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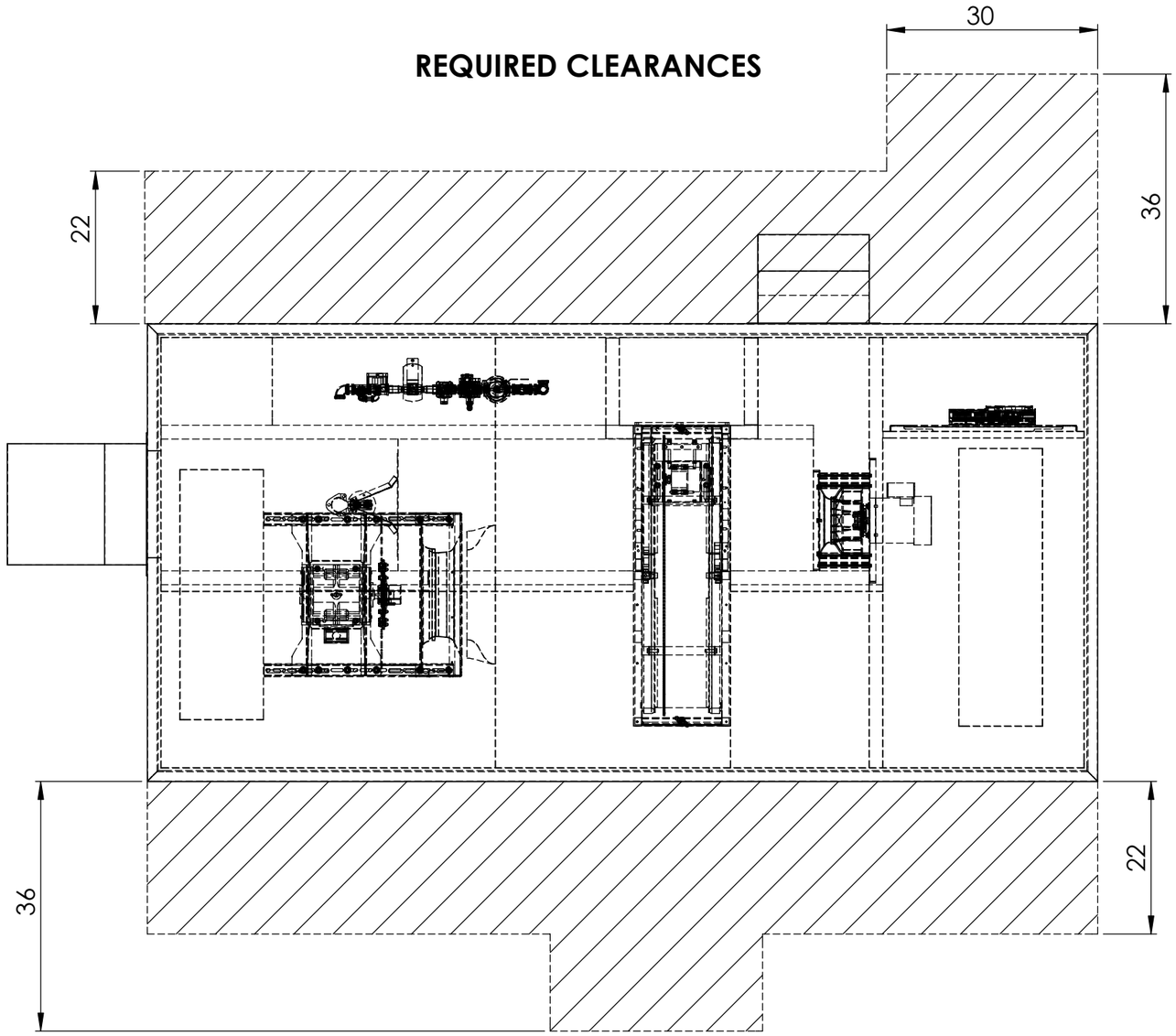
PLOT DATE:	9/14/2022		SHEET SCALE:		1:25	PROJECT NAME	DESIGNED BY: DRYSOLUTIONS INC.
G			SHEET SIZE (ANSI):		B		DRAWN BY: NDB
F			6				DATE CREATED: 7/13/2022
E			5				WP-5000 DESICCANT DEHUMIDIFIER ACCESS POINTS
D			4				
C			3			PROJECT LOCATION	
B			2				
A			1	Concept Design	07.29.22		
NO.	DESCRIPTION	DATE	NO.	DESCRIPTION	DATE		PROJECT NO.: POTXXXX
REVISIONS			RELEASES				SHEET NO.: M-04

REQUIRED CLEARANCES



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PLOT DATE:	9/14/2022
SHEET SCALE:	1:20
SHEET SIZE (ANSI):	B

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REVISIONS

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1	Concept Design	07.29.22

RELEASES

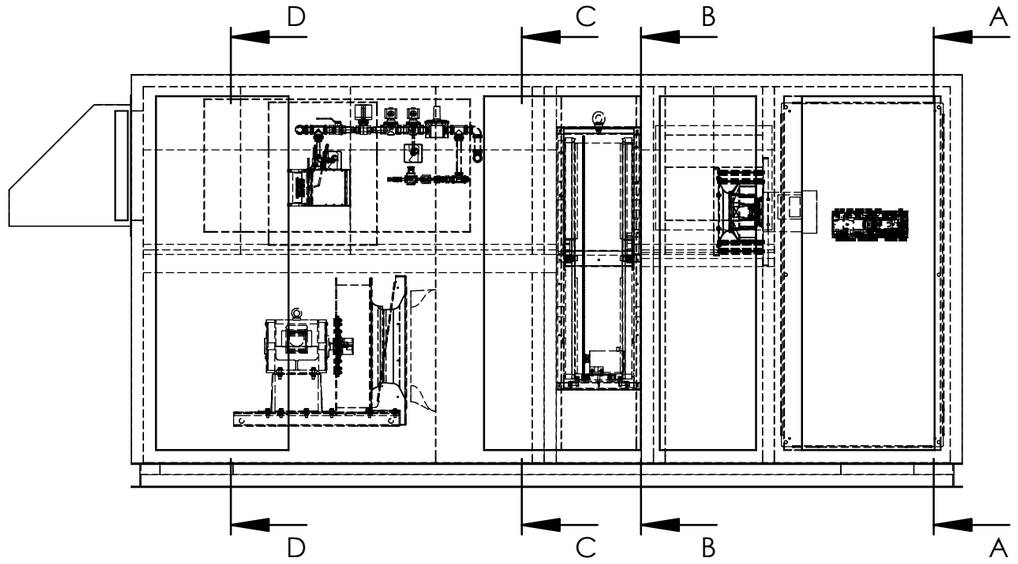
PROJECT NAME

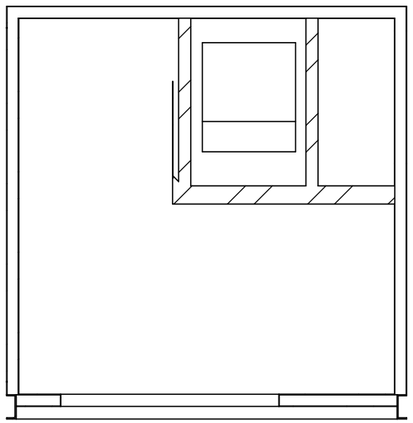
PROJECT LOCATION

DESIGNED BY: DRYSOLUTIONS INC.
DRAWN BY: NDB
DATE CREATED: 7/13/2022

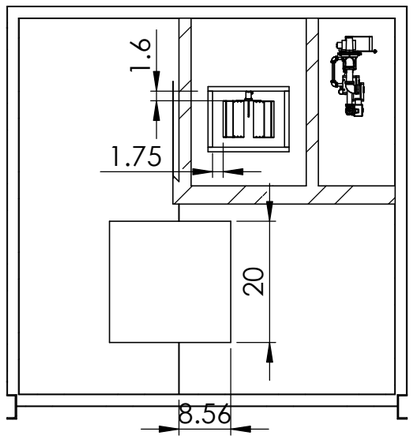
WP-5000
DESICCANT DEHUMIDIFIER CLEARANCES

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

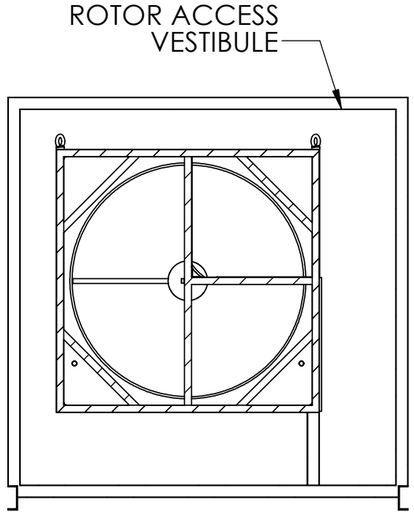




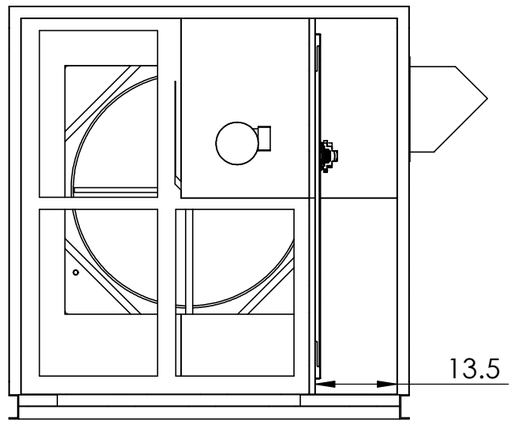
SECTION D-D
REACT FILTER



SECTION C-C
BURNER &
PROCESS FAN INLET



SECTION B-B
DESICCANT WHEEL



SECTION A-A
FILTER WALL &
REACT FAN MOTOR

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G		SHEET SIZE (ANSI):	B			DRAWN BY:	NDB
F		6				DATE CREATED:	7/13/2022
E		5				WP-5000 DESICCANT DEHUMIDIFIER SECTION VIEWS	
D		4					
C		3		PROJECT LOCATION			
B		2					
A		1	Concept Design	07.29.22			
NO.	DESCRIPTION DATE	NO.	DESCRIPTION	DATE		PROJECT NO.:	POTXXXX
REVISIONS		RELEASES				SHEET NO.:	M-06