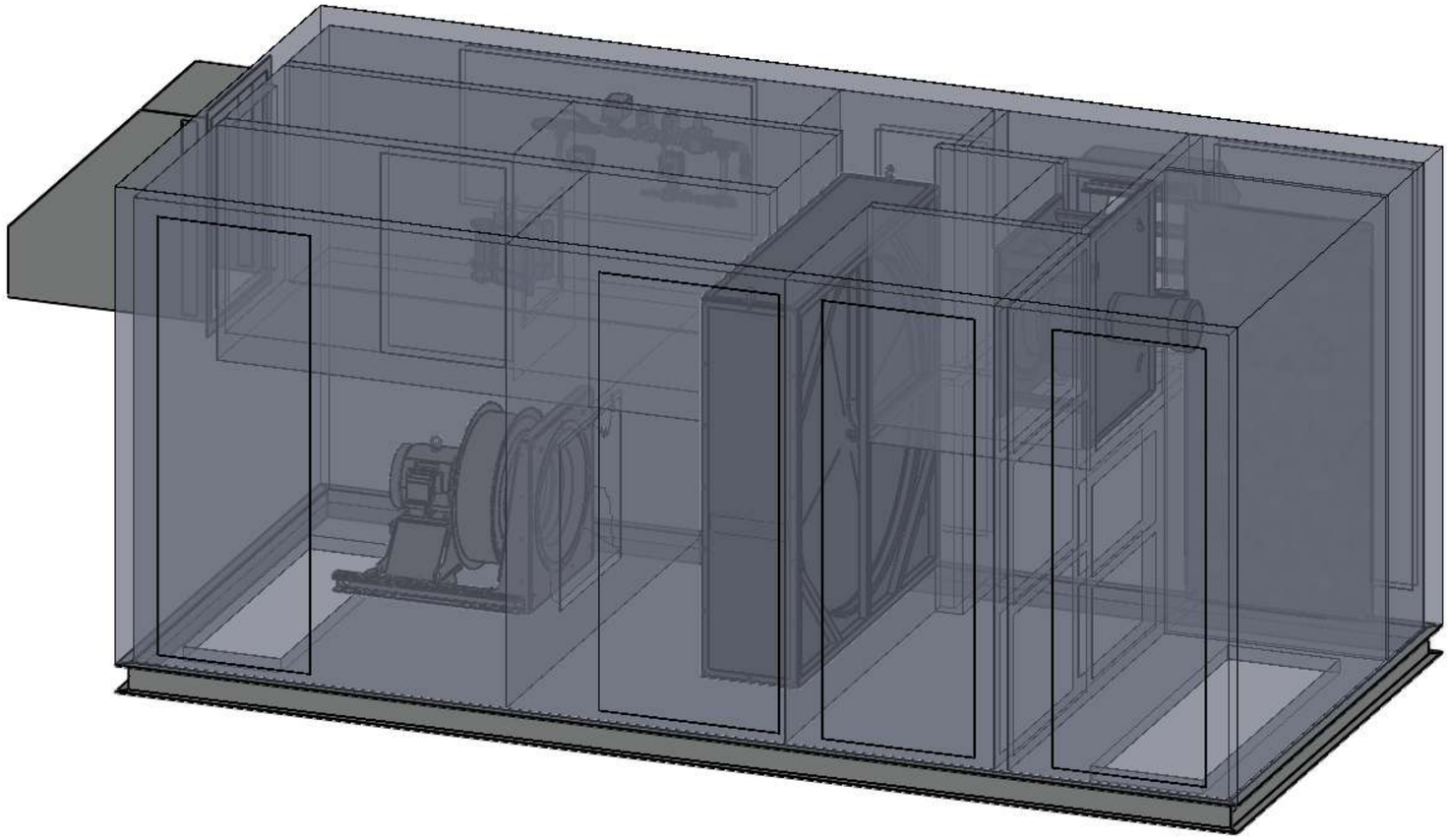
WP-8000
DESICCANT DEHUMIDIFIER
FRONT



GENERAL SPECIFICATIONS:

UNIT HEIGHT:	72" (6')
CASING LENGTH:	161" (13' 5")
CASING DEPTH:	78" (6' 6")
DESIGN AIRFLOW:	8,000 CFM
ESTIMATED WEIGHT:	4,600 LBS

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

PLOT DATE: 9/21/2022

NO.	DESCRIPTION	DATE
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REVISIONS

SHEET SCALE: 1:20
SHEET SIZE (ANSI): B

NO.	DESCRIPTION	DATE
6		
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3		
2		
1	Concept Design	9.21.22

RELEASES

PROJECT NAME

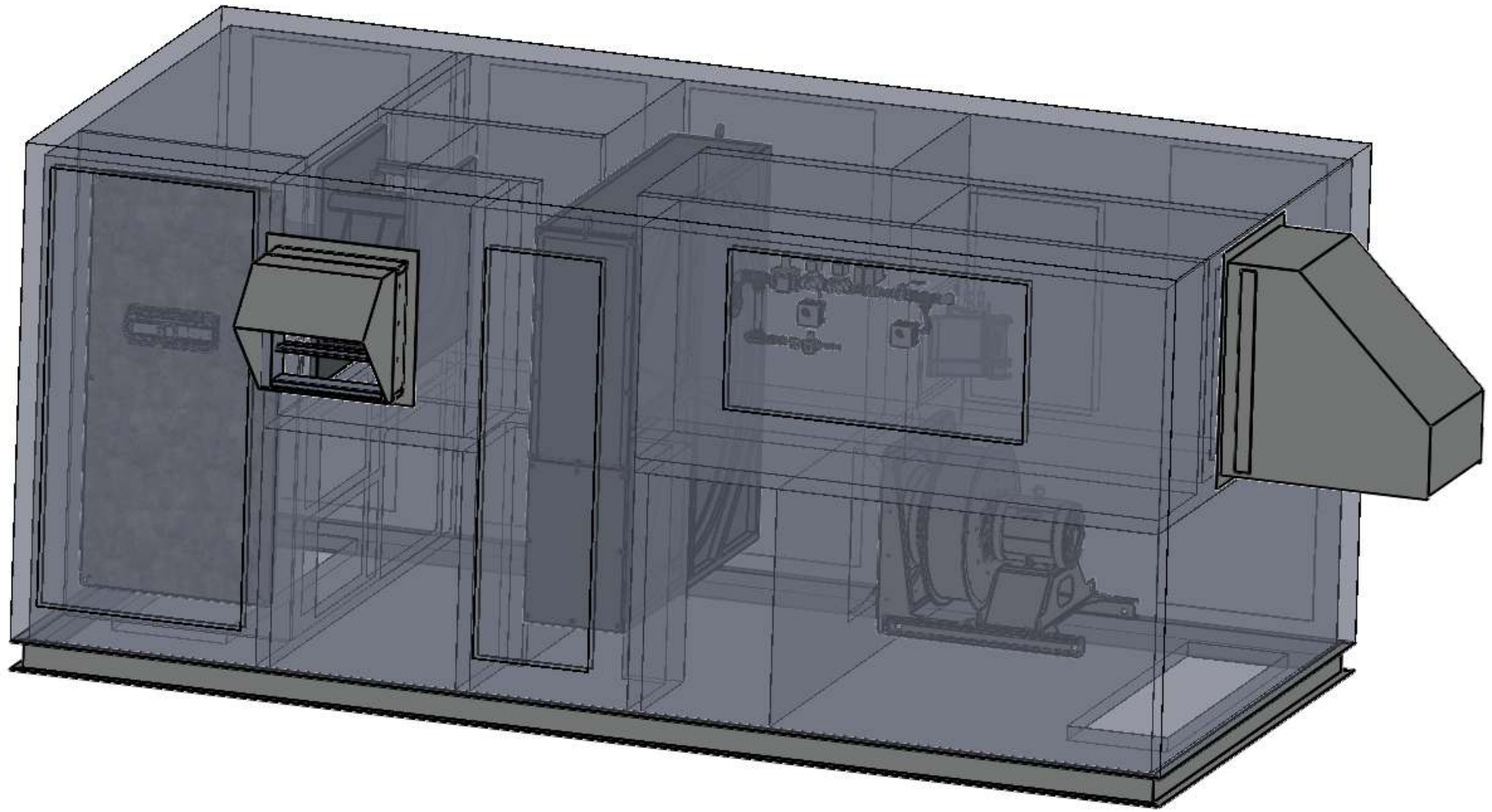
PROJECT LOCATION

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

WP-8000
DESICCANT DEHUMIDIFIER
UNIT RENDERING

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

WP-8000
DESICCANT DEHUMIDIFIER
REAR



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REVISIONS

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5		
4		
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2		
1	Concept Design	9.21.22

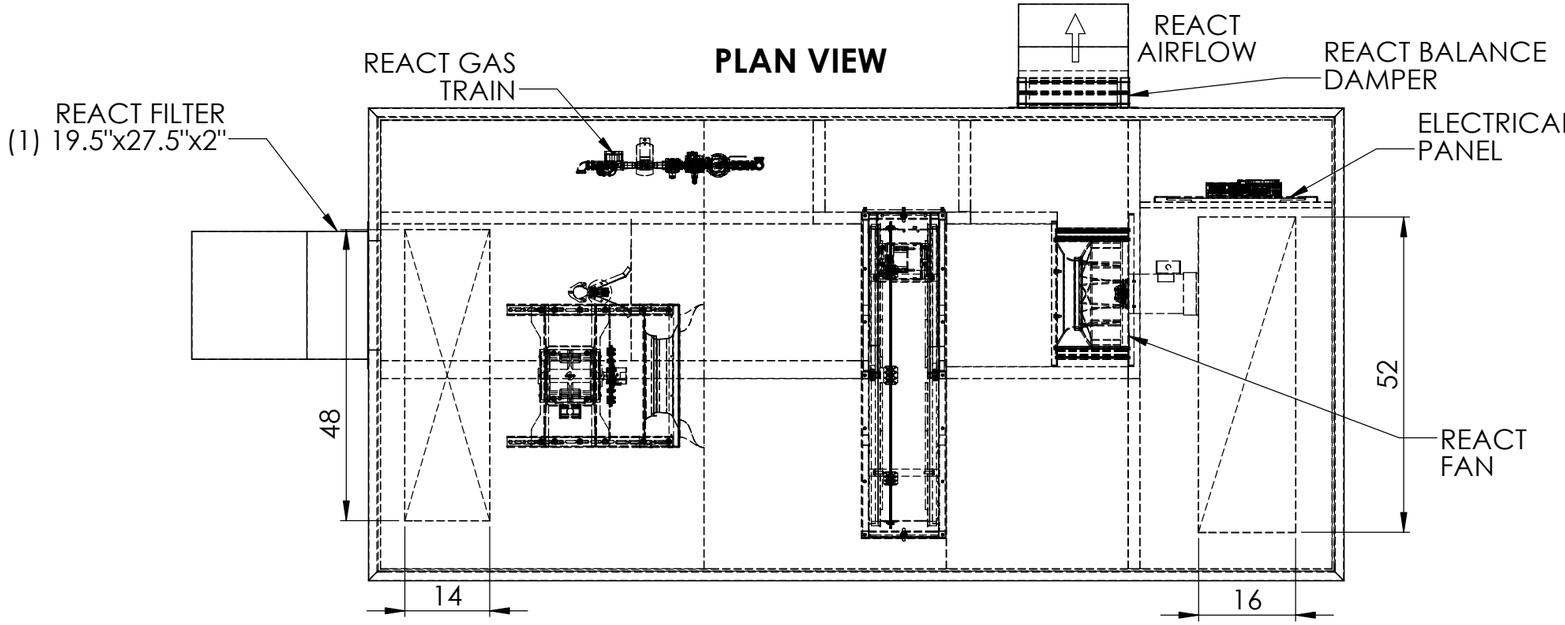
RELEASES

PROJECT NAME

PROJECT LOCATION

DESIGNED BY: DRYSOLUTIONS INC.	
DRAWN BY:	NDB
DATE CREATED:	7/13/2022
WP-8000 DESICCANT DEHUMIDIFIER UNIT RENDERING	
PROJECT NO.:	POTXXXX
SHEET NO.:	M-02

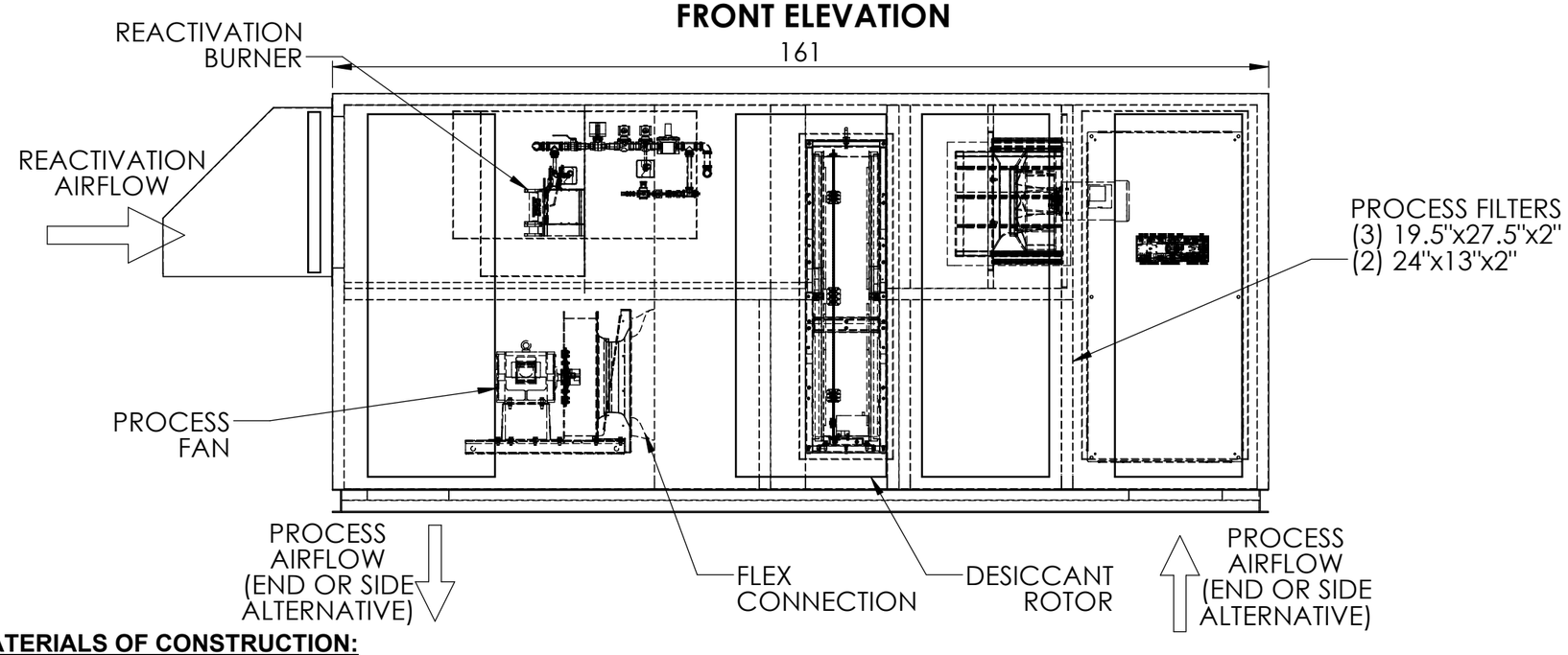
PLAN VIEW



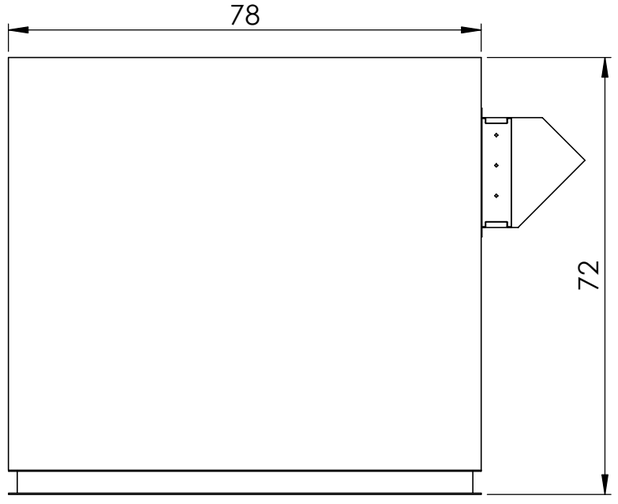
GENERAL NOTES:

1. ROTOR DIMENSIONS: 1220MM 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:	9/21/2022
SHEET SCALE:	1:25
SHEET SIZE (ANSI):	B

REVISIONS			RELEASES		
NO.	DESCRIPTION	DATE	NO.	DESCRIPTION	DATE
G			6		
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C			2		
B			1	Concept Design	9.21.22
A					

PROJECT NAME

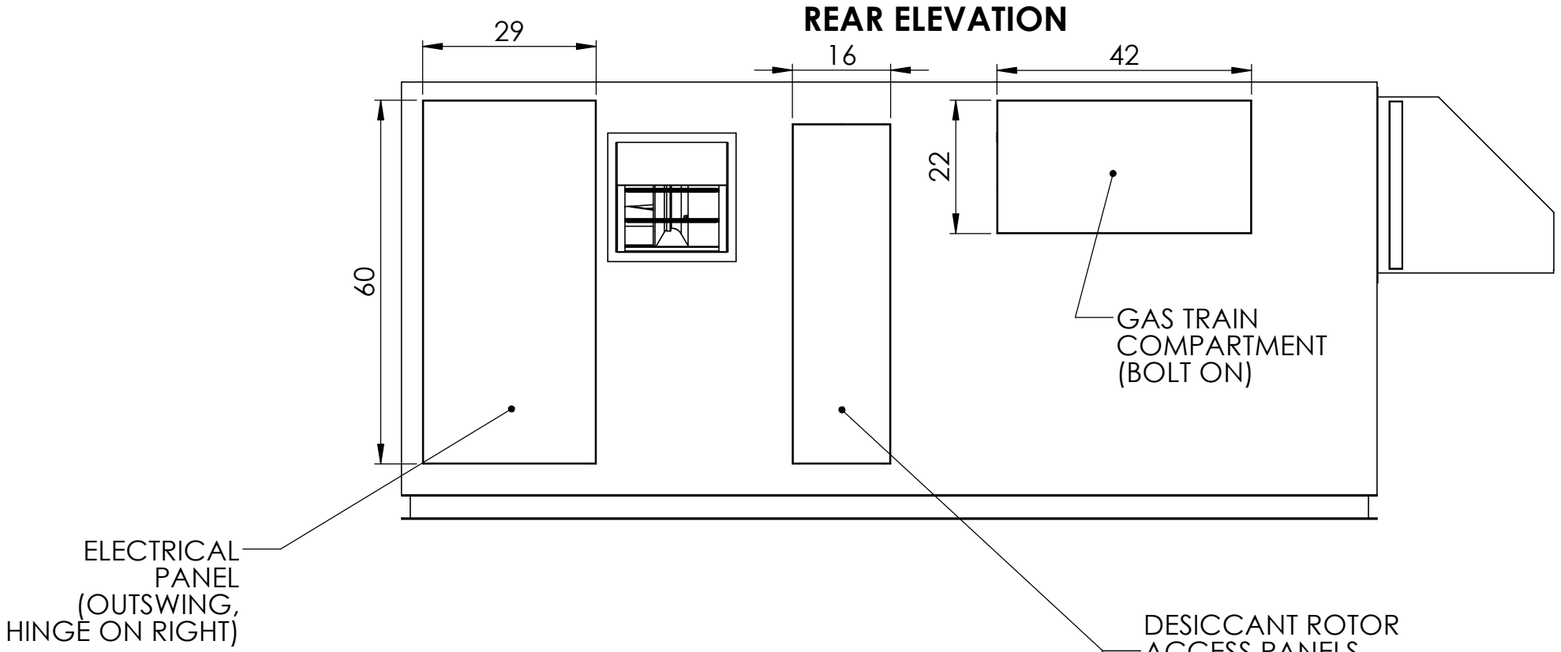
PROJECT LOCATION

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

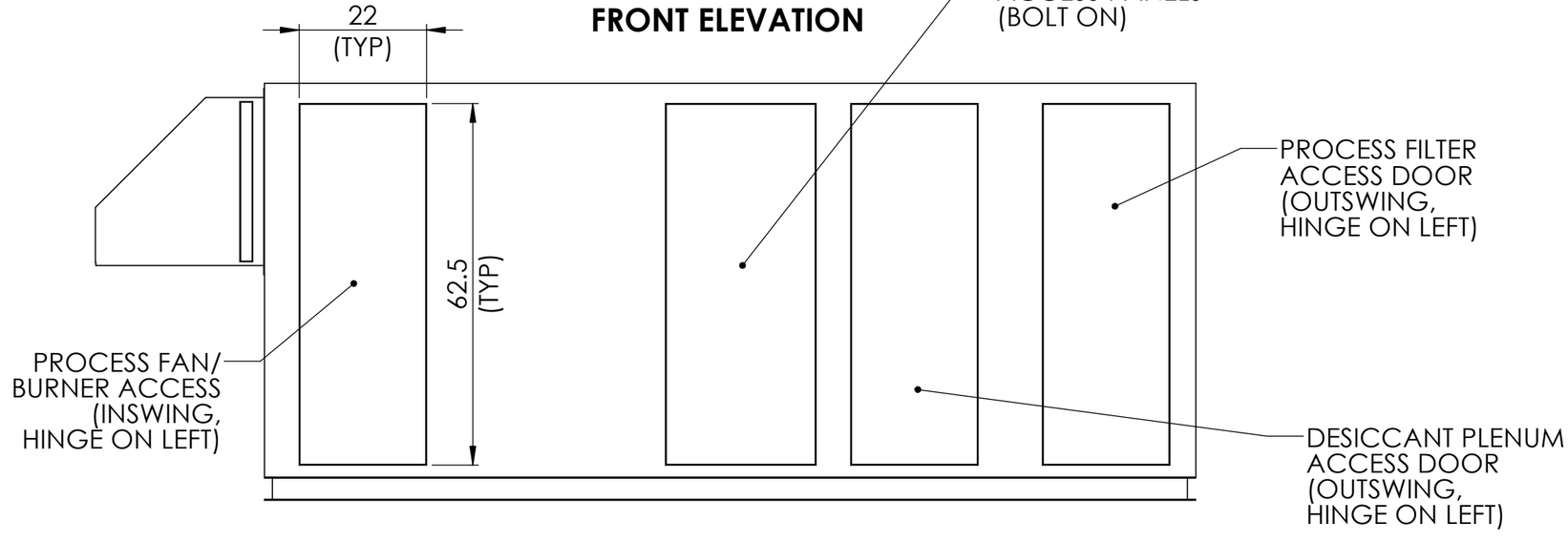
WP-8000 DESICCANT DEHUMIDIFIER GENERAL LAYOUT

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

REAR ELEVATION



FRONT ELEVATION



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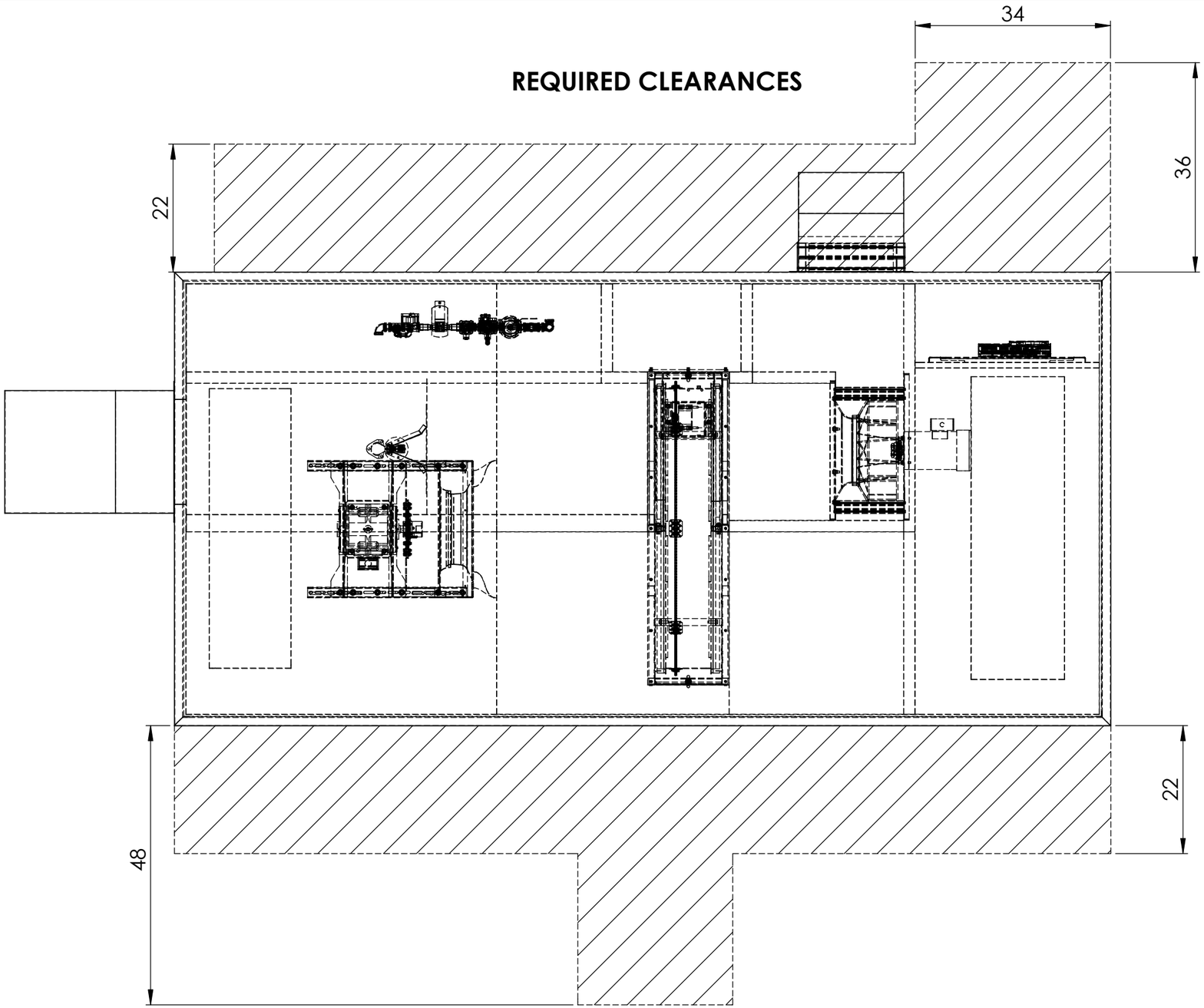
PLOT DATE:	9/21/2022	SHEET SCALE:	1:25	PROJECT NAME	DESIGNED BY: DRYSOLUTIONS INC.
		SHEET SIZE (ANSI):	B		DRAWN BY: NDB
					DATE CREATED: 7/13/2022
					WP-8000 DESICCANT DEHUMIDIFIER ACCESS POINTS
				PROJECT LOCATION	
					PROJECT NO.: POTXXXX
					SHEET NO.: M-04

NO.	DESCRIPTION	DATE
	REVISIONS	

NO.	DESCRIPTION	DATE
1	Concept Design	9.21.22
	RELEASES	

REQUIRED CLEARANCES



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PLOT DATE:	9/21/2022
SHEET SCALE:	1:20
SHEET SIZE (ANSI):	B

REVISIONS			RELEASES		
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E			4		
D			3		
C			2		
B			1	Concept Design	9.21.22
A					

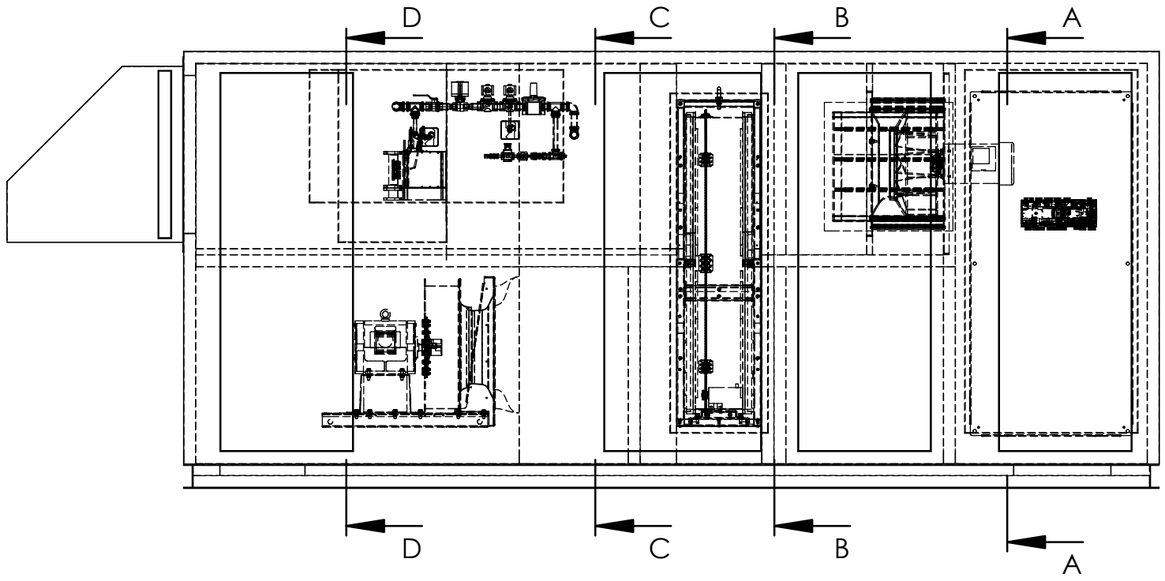
PROJECT NAME

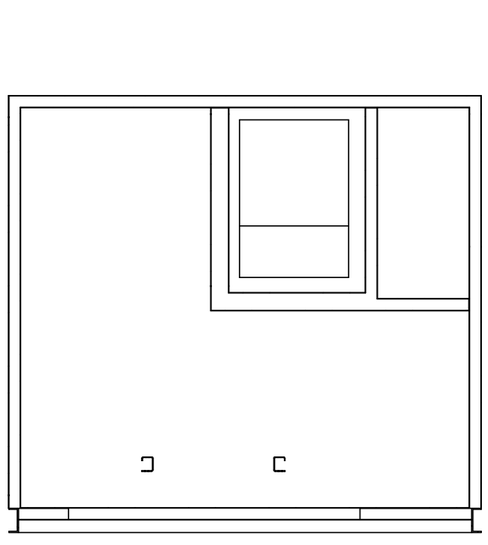
PROJECT LOCATION

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

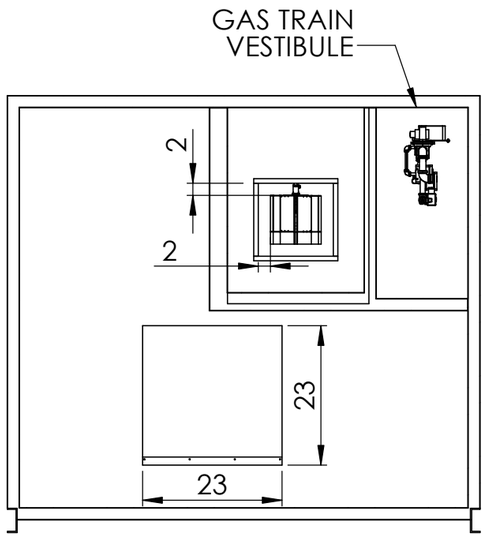
WP-8000
DESICCANT DEHUMIDIFIER CLEARANCES

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

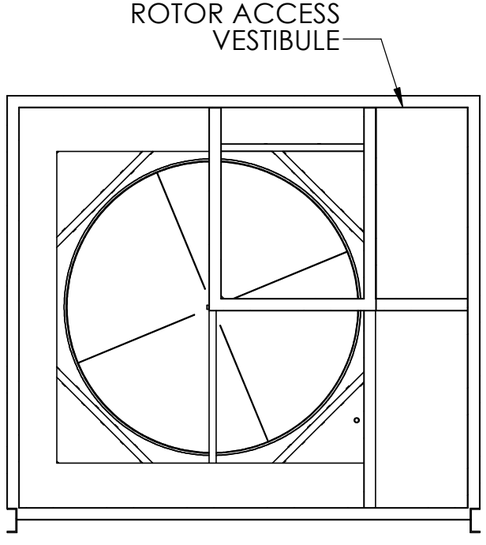




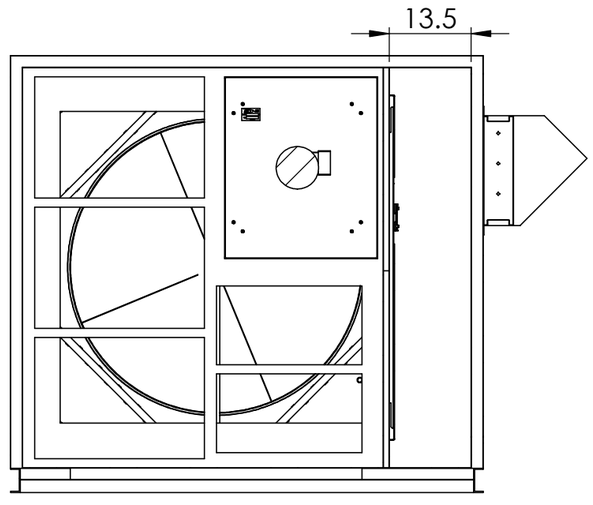
SECTION D-D
REACT FILTER



SECTION C-C
BURNER &
PROCESS FAN INLET



SECTION B-B
DESICCANT WHEEL



SECTION A-A
FILTER WALL &
REACT FAN MOTOR

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		SHEET SIZE (ANSI):	B		DRAWN BY: NDB
					DATE CREATED: 7/13/2022
					WP-8000 DESICCANT DEHUMIDIFIER SECTION VIEWS
				PROJECT LOCATION	
					PROJECT NO.: POTXXXX
					SHEET NO.: M-06

REVISIONS			RELEASES		
NO.	DESCRIPTION	DATE	NO.	DESCRIPTION	DATE
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F			5		
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D			3		
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B			1	Concept Design	9.21.22
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