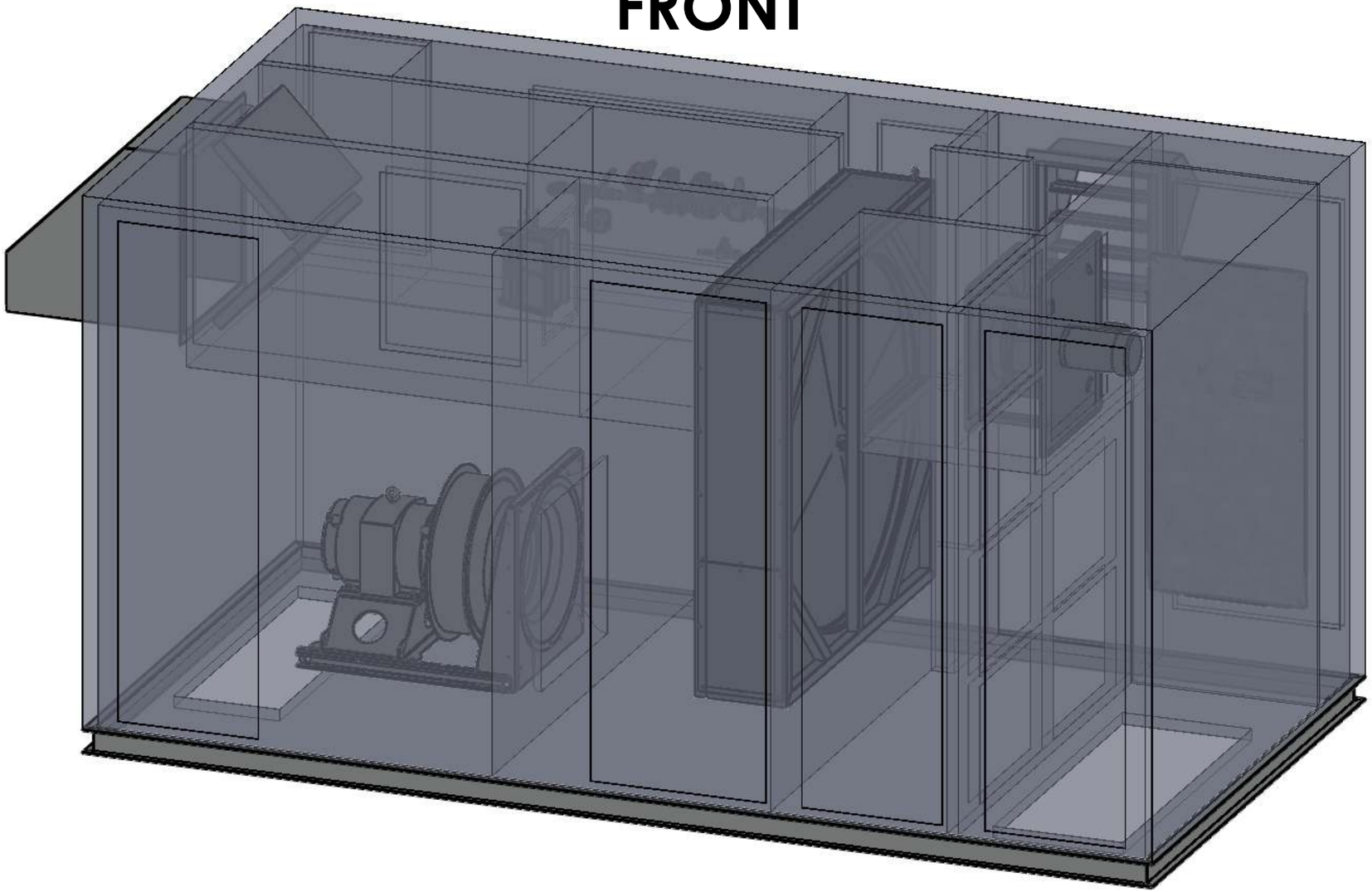
WP-12K
DESICCANT DEHUMIDIFIER
FRONT



GENERAL SPECIFICATIONS:

UNIT HEIGHT:	94" (7' 10")
CASING LENGTH:	182" (15' 2")
CASING DEPTH:	96" (8')
DESIGN AIRFLOW:	12,000 CFM
ESTIMATED WEIGHT:	6,300 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
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1	Concept Design	9.21.22

RELEASES

PROJECT NAME

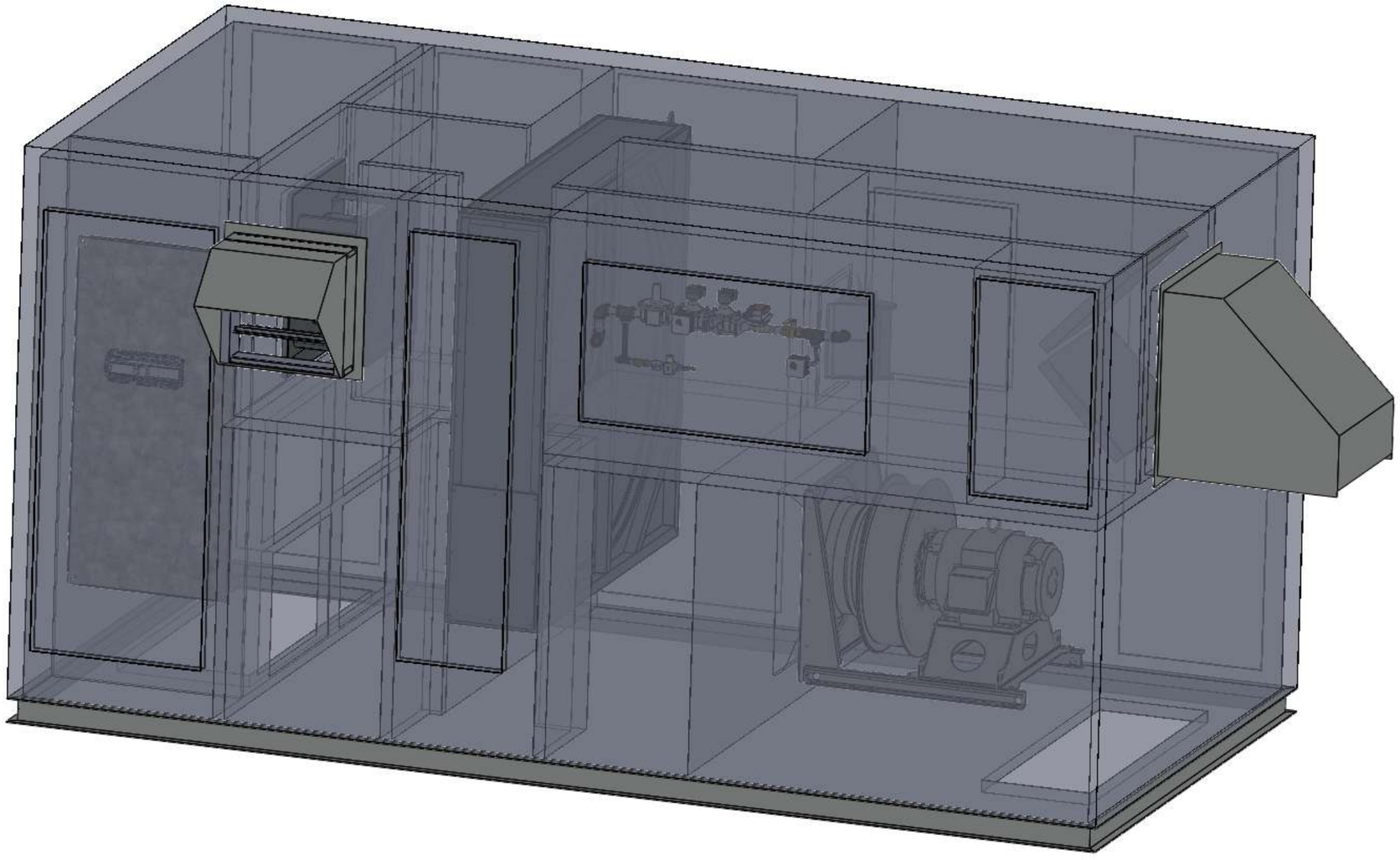
PROJECT LOCATION

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

WP-12K
DESICCANT DEHUMIDIFIER
UNIT RENDERING

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

WP-12K
DESICCANT DEHUMIDIFIER
REAR



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1	Concept Design	9.21.22

RELEASES

PROJECT NAME

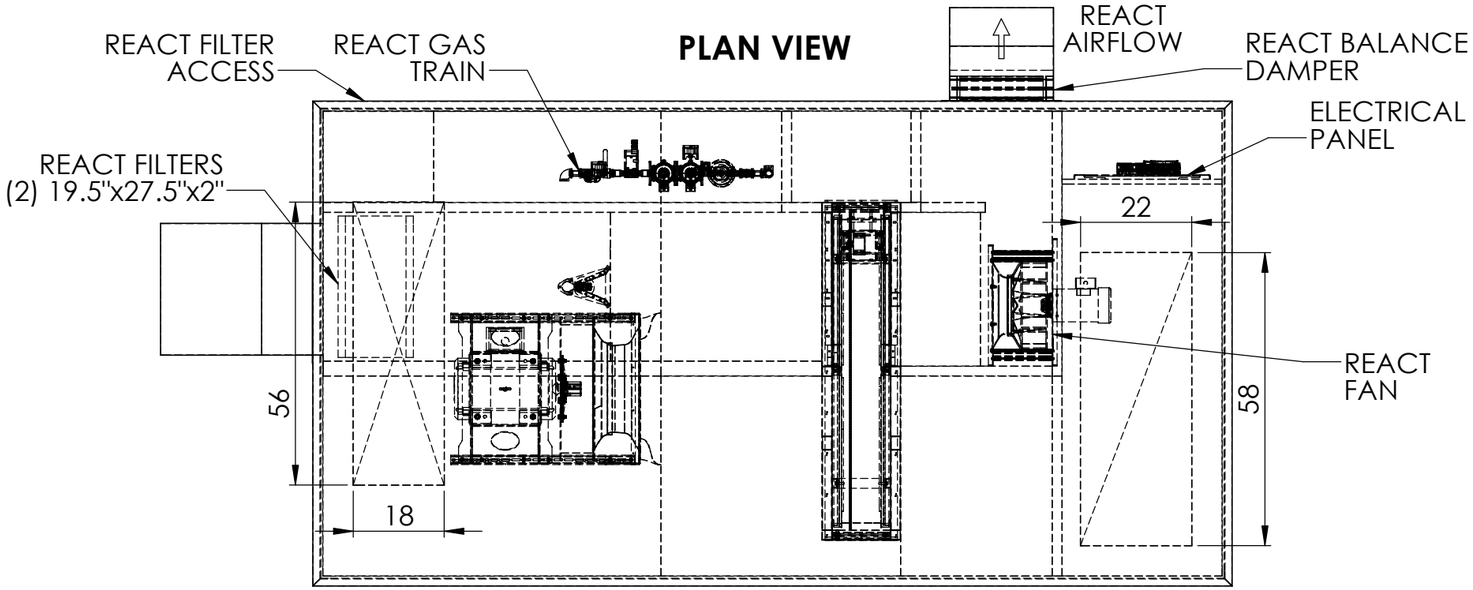
PROJECT LOCATION

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

WP-12K
DESICCANT DEHUMIDIFIER
UNIT RENDERING

PROJECT NO.: POTXXXX
SHEET NO.: M-02

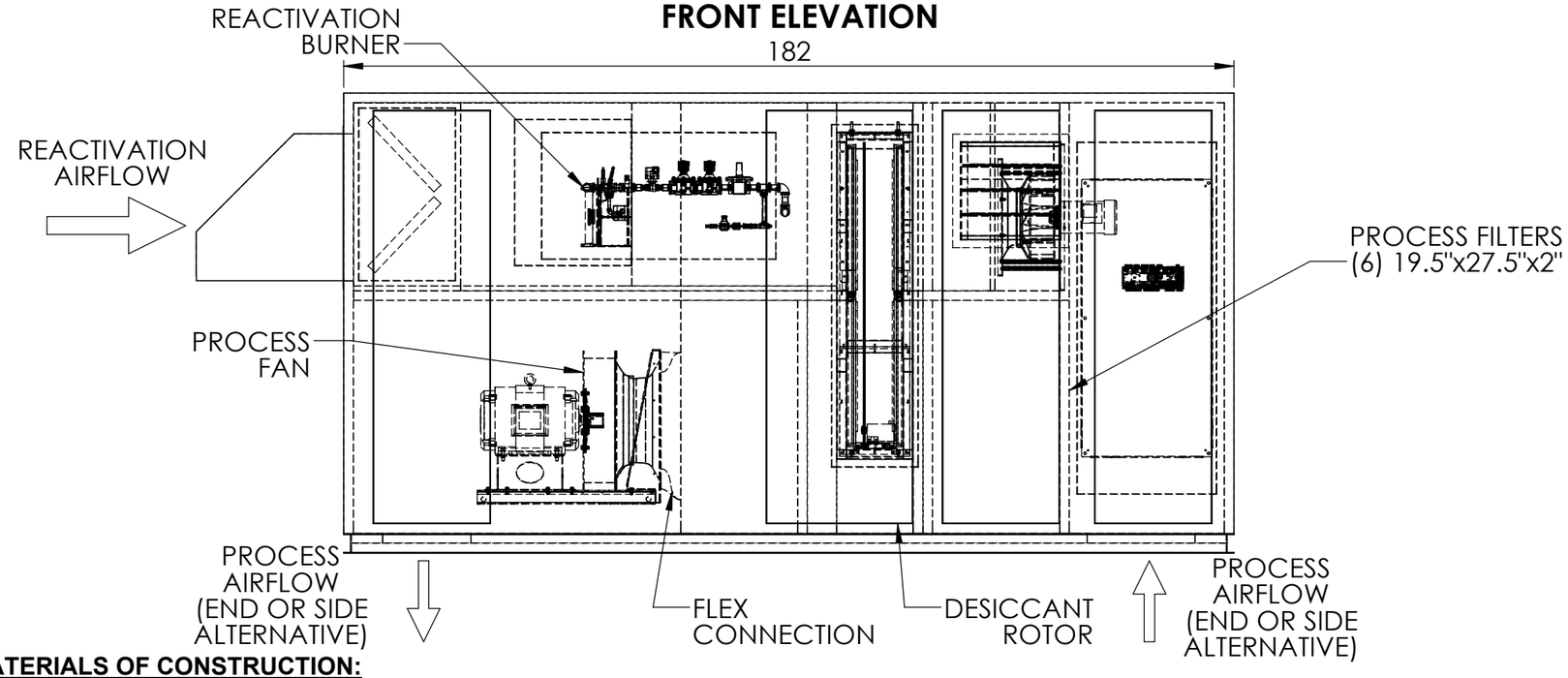
PLAN VIEW



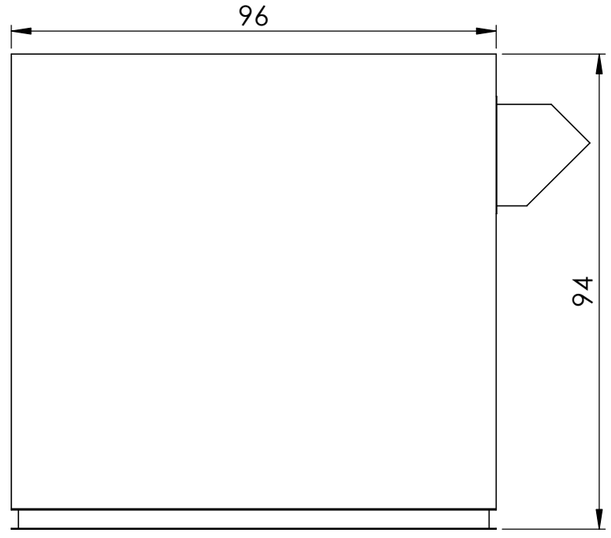
GENERAL NOTES:

1. **ROTOR DIMENSIONS: 1525MM 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
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SHEET SIZE (ANSI):	B

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REVISIONS

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1	Concept Design	9.21.22

RELEASES

PROJECT NAME

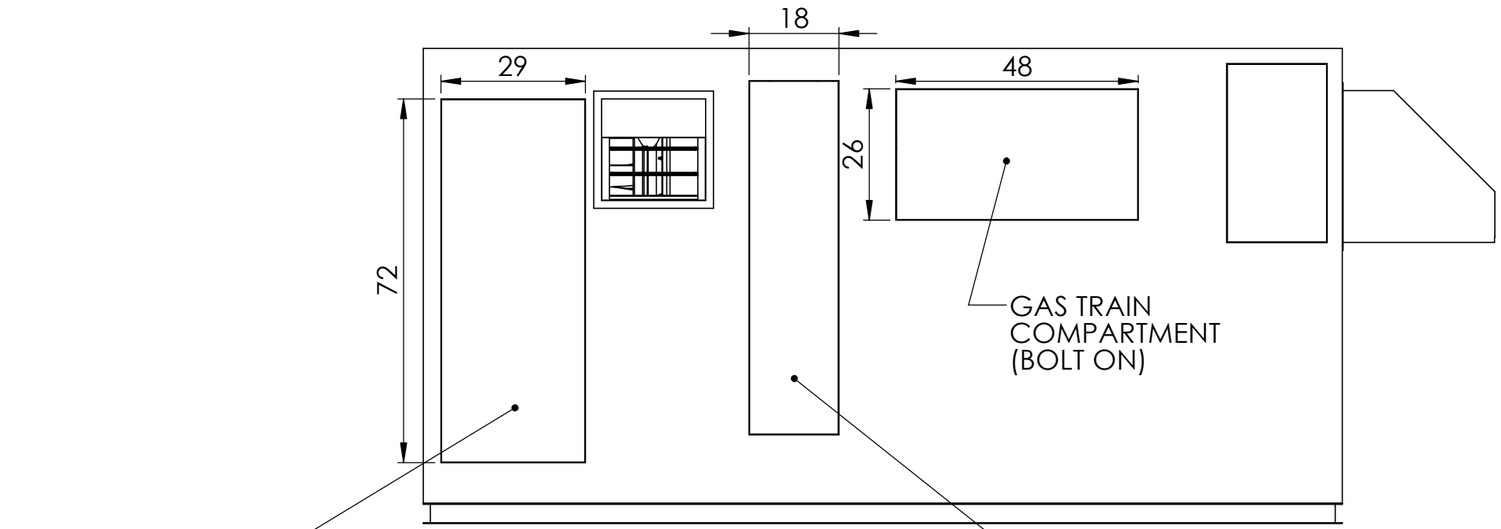
PROJECT LOCATION

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

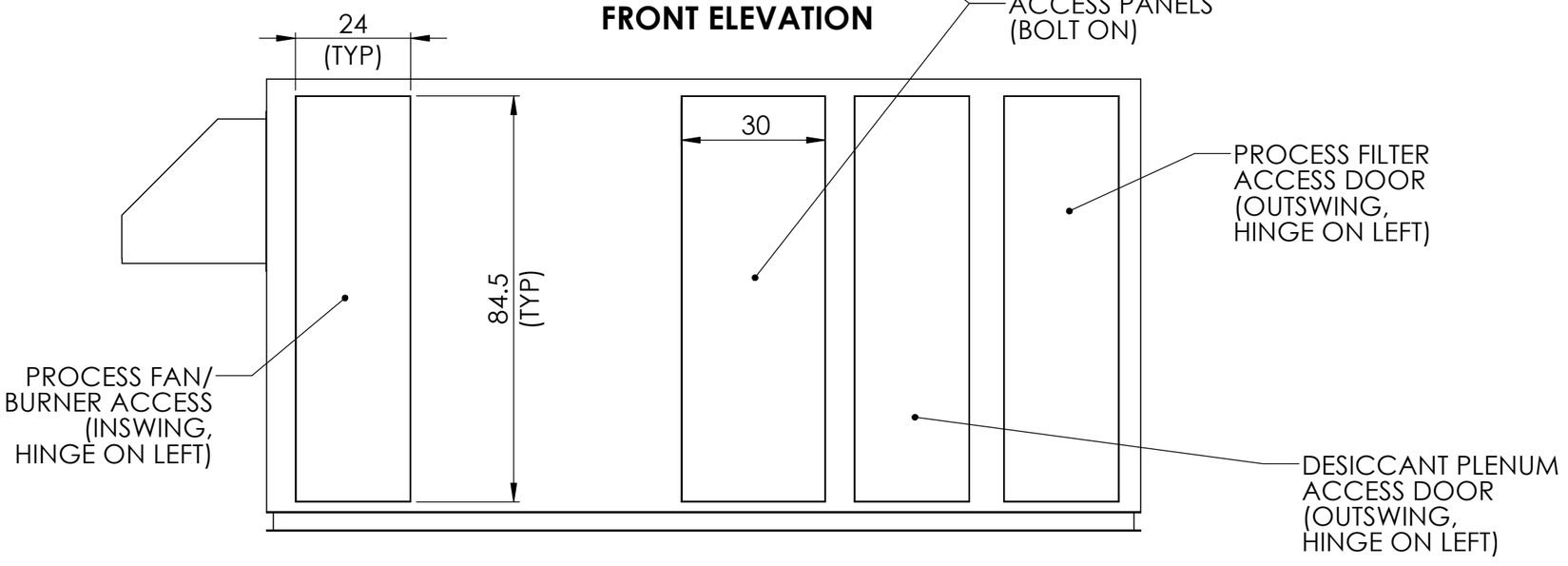
WP-12K
DESICCANT DEHUMIDIFIER
GENERAL LAYOUT

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

REAR ELEVATION



FRONT ELEVATION



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PLOT DATE:	9/21/2022

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REVISIONS

SHEET SCALE:	1:30
SHEET SIZE (ANSI):	B

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1	Concept Design	9.21.22

RELEASES

PROJECT NAME

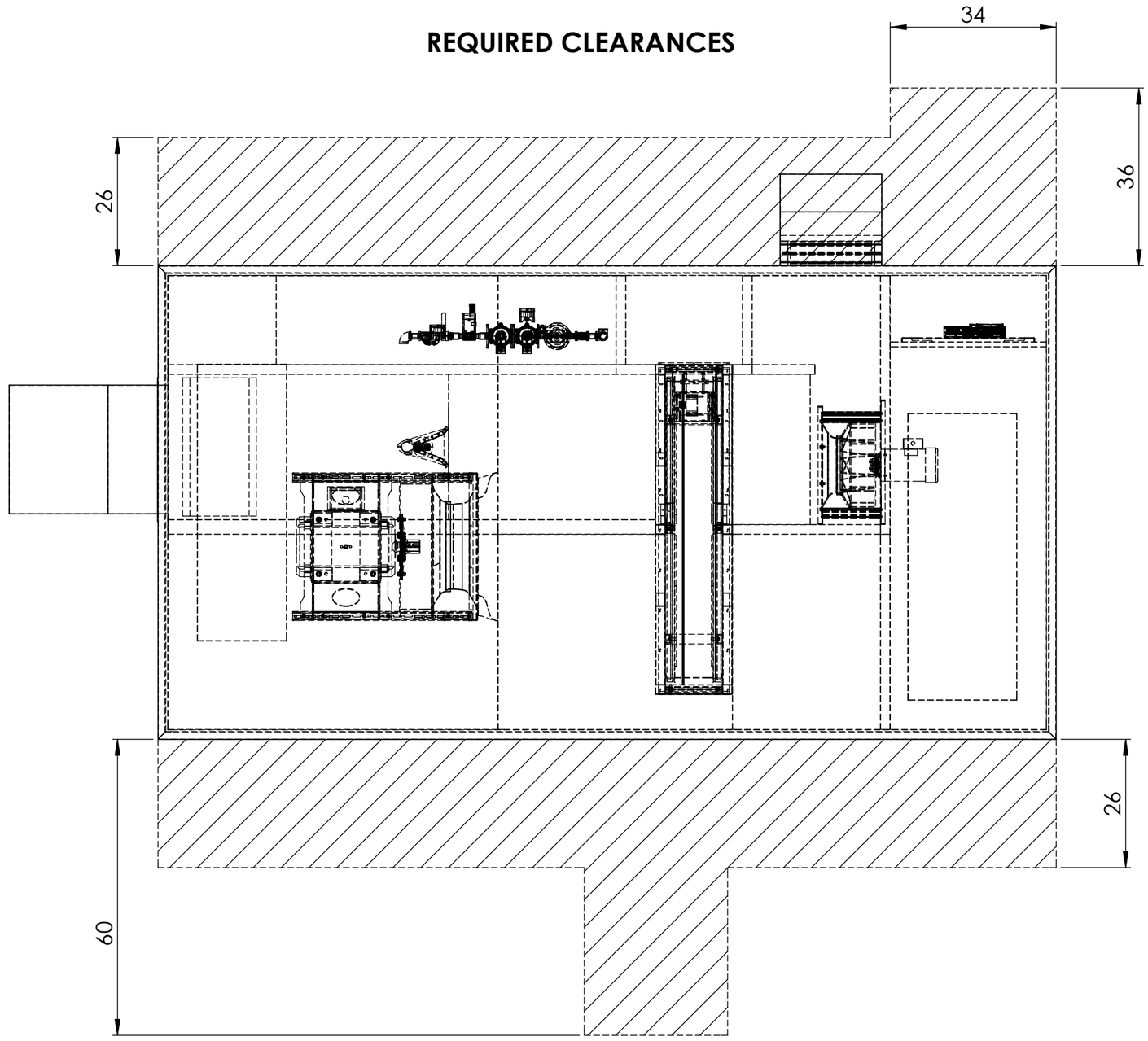
PROJECT LOCATION

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

WP-12K DESICCANT DEHUMIDIFIER ACCESS POINTS

PROJECT NO.: POTXXXX
SHEET NO.: M-04

REQUIRED CLEARANCES



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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
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C			2		
B			1	Concept Design	9.21.22
A					

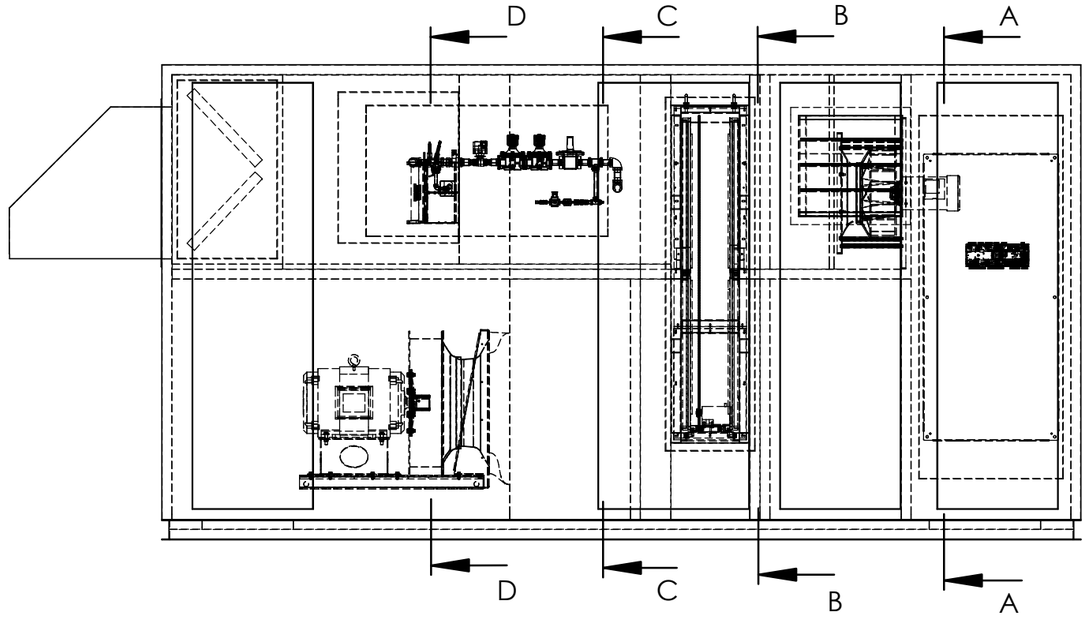
PROJECT NAME

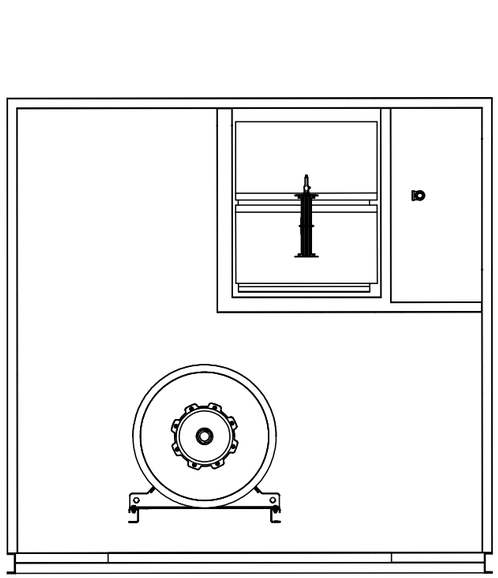
PROJECT LOCATION

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

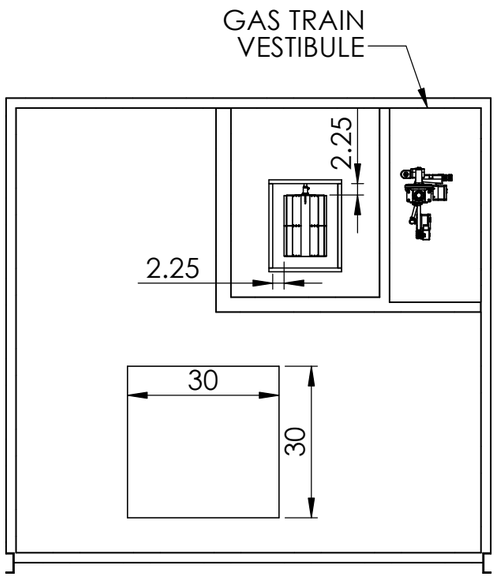
WP-12K
DESICCANT DEHUMIDIFIER
CLEARANCES

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

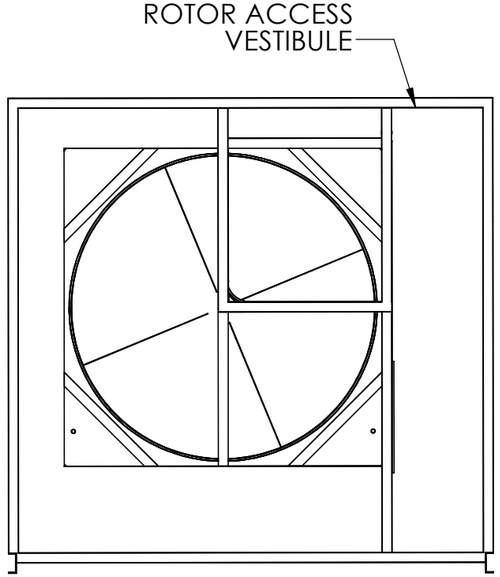




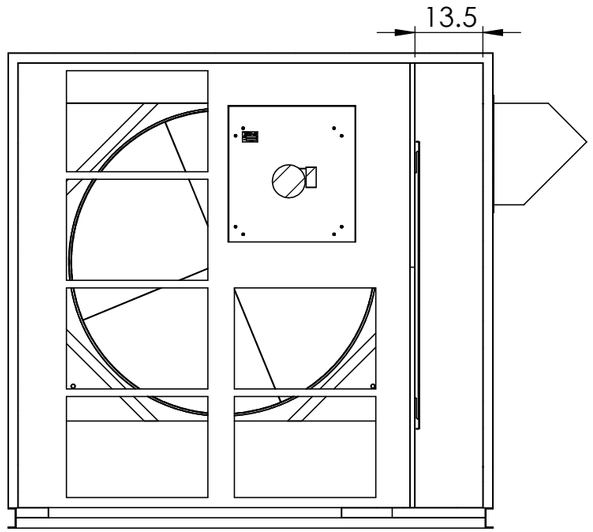
SECTION D-D
REACT FILTER



SECTION C-C
BURNER &
PROCESS FAN INLET



SECTION B-B
DESICCANT WHEEL



SECTION A-A
FILTER WALL &
REACT FAN MOTOR

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PLOT DATE:	9/21/2022	SHEET SCALE:	1:30	PROJECT NAME	DESIGNED BY: DRYSOLUTIONS INC.
		SHEET SIZE (ANSI):	B		DRAWN BY: NDB
					DATE CREATED: 7/13/2022
					WP-12K DESICCANT DEHUMIDIFIER SECTION VIEWS
				PROJECT LOCATION	
					PROJECT NO.: POTXXXX
					SHEET NO.: M-06

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