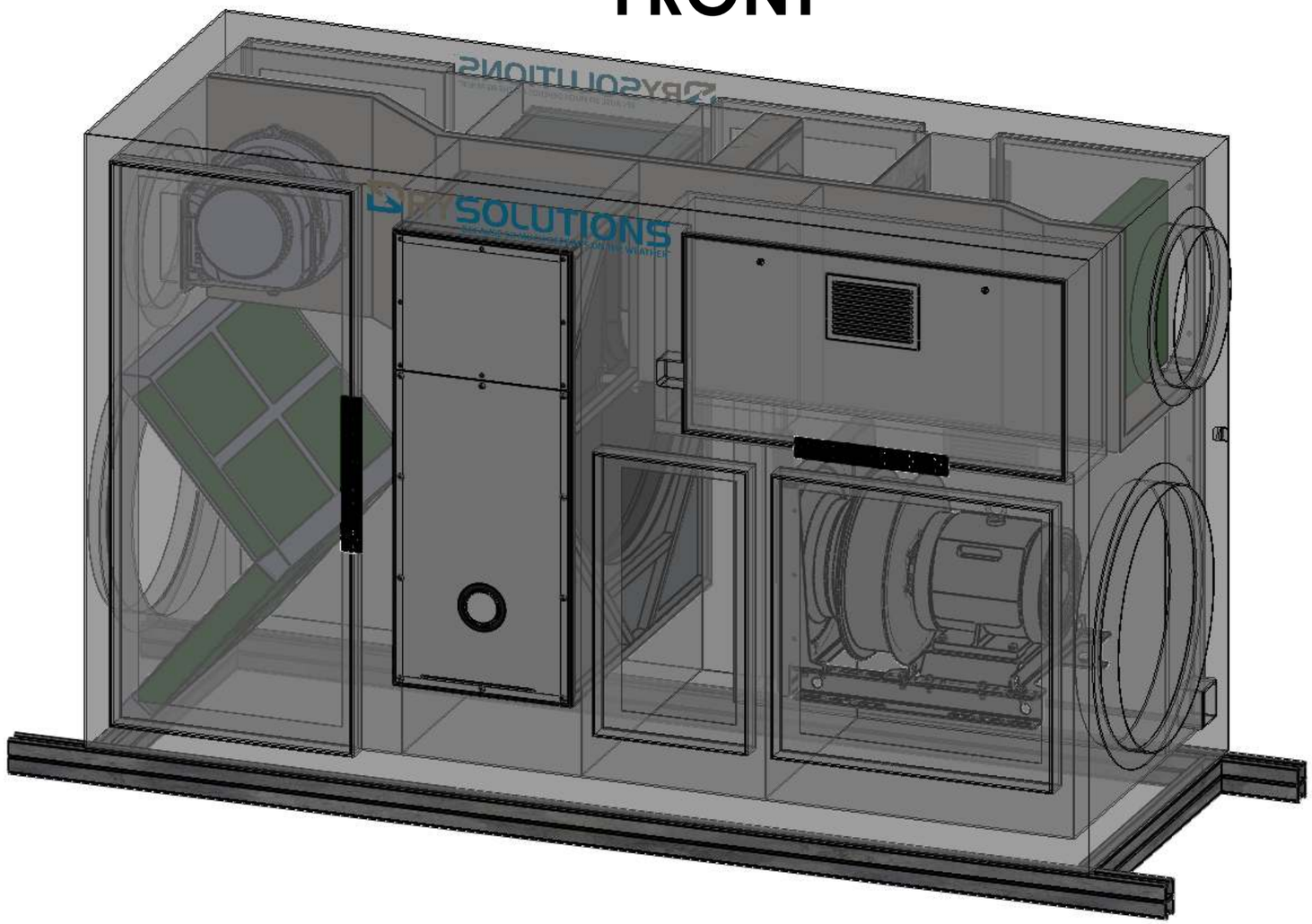
WP-2600-DFG MOBILE DESICCANT DEHUMIDIFIER FRONT



GENERAL SPECIFICATIONS:

UNIT HEIGHT:	50.75" (4' 2.75")
CASING LENGTH:	79" (6' 7")
OVERALL LENGTH:	91" (7' 7")
CASING DEPTH:	29.35" (2' 5.35")
PROCESS AIRFLOW:	2,600 CFM
REACTIVATION AIRFLOW:	700 CFM

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CORPORATE HEADQUARTERS: 10283 BERGIN ROAD, HOWELL, MI 48843
SALES & TECHNICAL OPERATIONS: 6442 PENN AVE SOUTH, MINNEAPOLIS, MN 55423

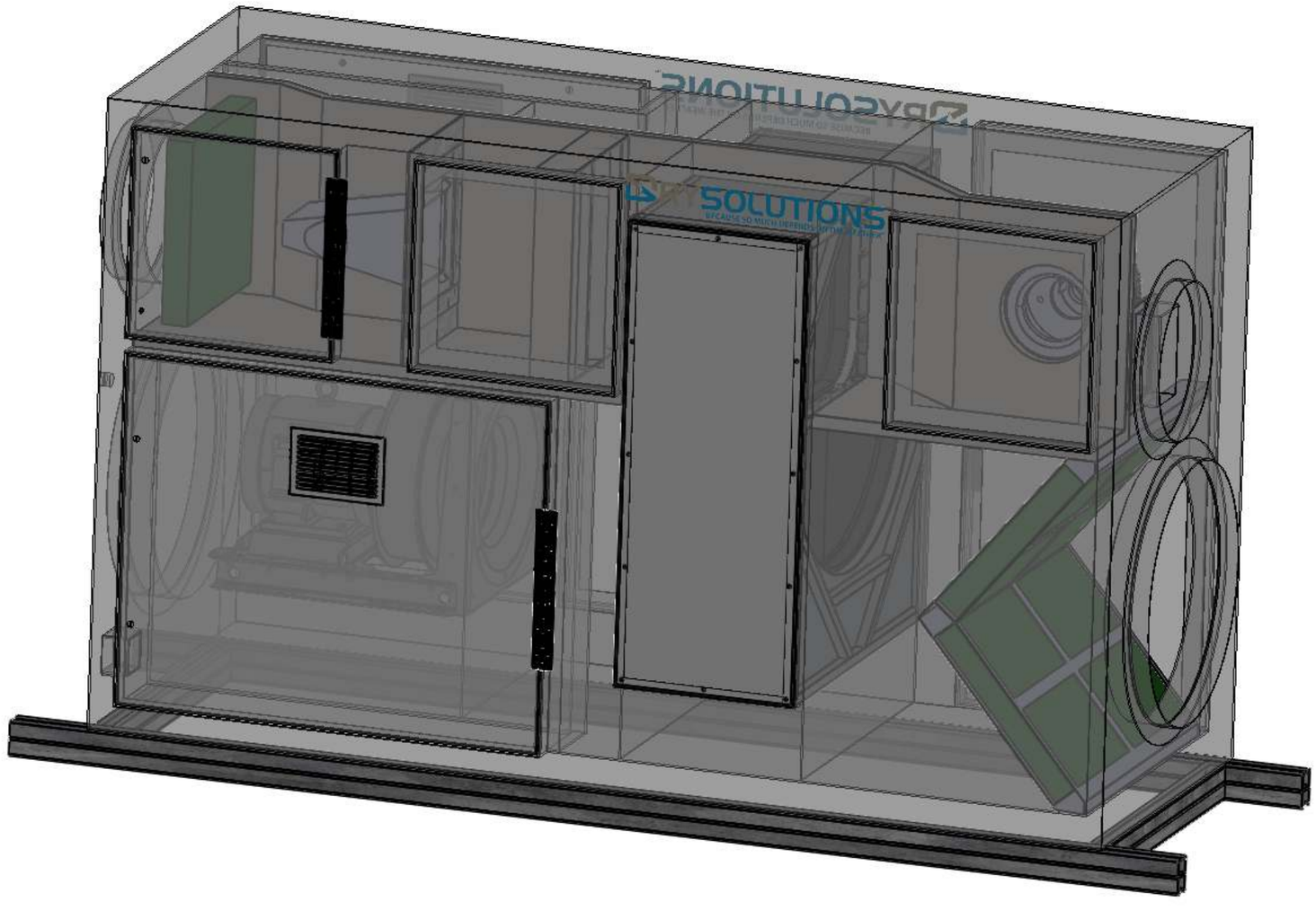
PLOT DATE:		4/7/2022
G		
F		
E		
D		
C	Filter door, R Blower	04.07.22
B	Fan Access doors	03.25.22
A	Increased Height	01.25.22
NO.	DESCRIPTION	DATE
REVISIONS		

SHEET SCALE:		1:10
SHEET SIZE (ANSI):		B
6		
5		
4		
3		
2		
1	Concept Design	12.07.21
NO.	DESCRIPTION	DATE
RELEASES		

PROJECT NAME
PROJECT LOCATION

DESIGNED BY: DRYSOLUTIONS INC.	
DRAWN BY:	NDB
DATE CREATED:	1/24/2022
WP-2600-DFG MOBILE DESICCANT DEHUMIDIFIER UNIT RENDERING	
PROJECT NO.:	POTXXXX
SHEET NO.:	M-01

WP-2600-DFG MOBILE DESICCANT DEHUMIDIFIER REAR



GENERAL SPECIFICATIONS:

UNIT HEIGHT:	50.75" (4' 2.75")
CASING LENGTH:	79" (6' 7")
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PROCESS AIRFLOW:	2,600 CFM
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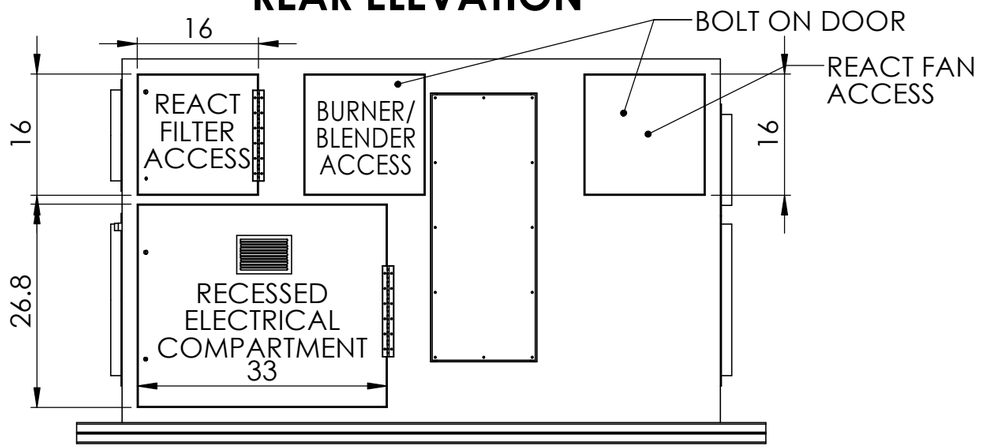
SALES & TECHNICAL OPERATIONS: 6442 PENN AVE SOUTH, MINNEAPOLIS, MN 55423

PLOT DATE:		4/7/2022	SHEET SCALE:		1:10	PROJECT NAME	DESIGNED BY: DRYSOLUTIONS INC.
G			SHEET SIZE (ANSI):		B		DRAWN BY: NDB
F			6				DATE CREATED: 1/24/2022
E			5				WP-2600-DFG MOBILE DESICCANT DEHUMIDIFIER UNIT RENDERING
D			4				
C	Filter door, R Blower	04.07.22	3			PROJECT LOCATION	
B	Fan Access doors	03.25.22	2				
A	Increased Height	01.25.22	1	Concept Design	12.07.21		
NO.	DESCRIPTION	DATE	NO.	DESCRIPTION	DATE		PROJECT NO.: POTXXXX
REVISIONS			RELEASES				SHEET NO.: M-02

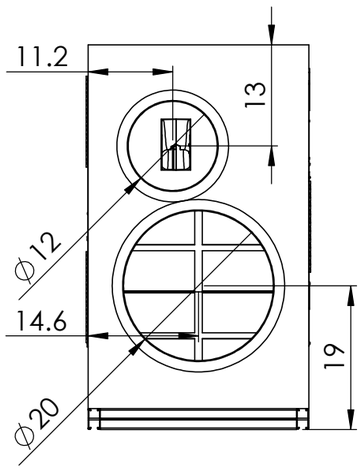
GENERAL NOTES:

1. ROTOR DIMENSIONS: 670MM X 200MM
2. REACTIVATION OUTLET DUCT TO HAVE STAINLESS STEEL (S.S.) INTERNAL CLADDING
3. GAS TRAIN COMPARTMENT TO INCLUDE VENTILATION LOUVER AND 2"X2" OPENING FOR GAS CONNECTION (LEFT SIDE)
4. BOLT ON DOORS TO BE FULL THICKNESS (2" MINUS FLANGE AND SEAL). SWINGING DOORS TO BE 1/2" THICK AND FLUSH WITH EXTERIOR
5. BOLT ON DOORS HAVE 1.5" FLANGE AND SWING DOORS HAVE 1/2" FLANGE ON CASING TO HAVE DOOR FLUSH WITH EXTERIOR AND 1/8" GAP FOR SEAL

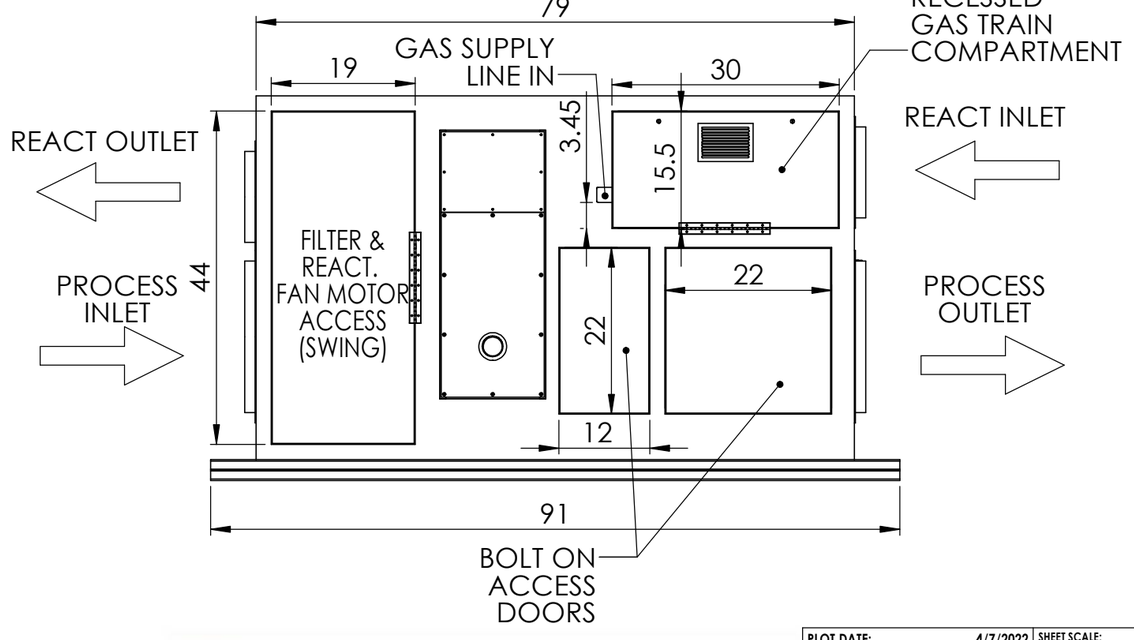
REAR ELEVATION



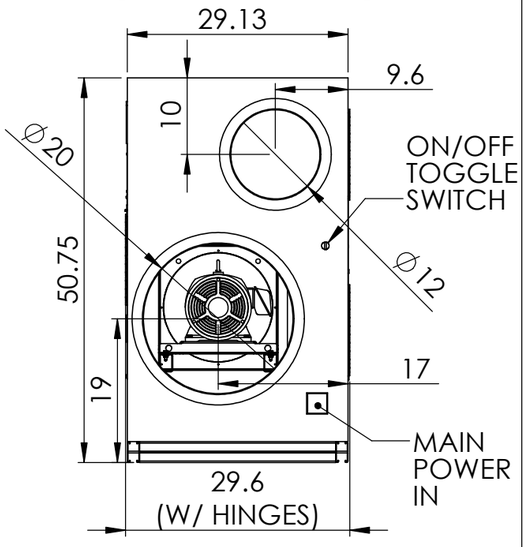
LEFT ELEVATION



FRONT ELEVATION



RIGHT ELEVATION



MATERIALS OF CONSTRUCTION:

CASING: DOUBLE WALLED 18GA. GALVANIZED
MILL PHOSPHATIZED (PAINT GRIP) SHEET METAL
BASE: 1 5/8" GALVANIZED DOUBLE UNISTRUT (PAINTED)
INSULATION: 2" FOAM
PAINT: EPOXY TYPE(DRYSOL GREY)

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PLOT DATE:		4/7/2022
G		
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D		
C	Filter door, R Blower	04.07.22
B	Fan Access doors	03.25.22
A	Increased Height	01.25.22
NO.	DESCRIPTION	DATE
	REVISIONS	

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

6		
5		
4		
3		
2		
1	Concept Design	12.07.21
NO.	DESCRIPTION	DATE
	RELEASES	

PROJECT NAME

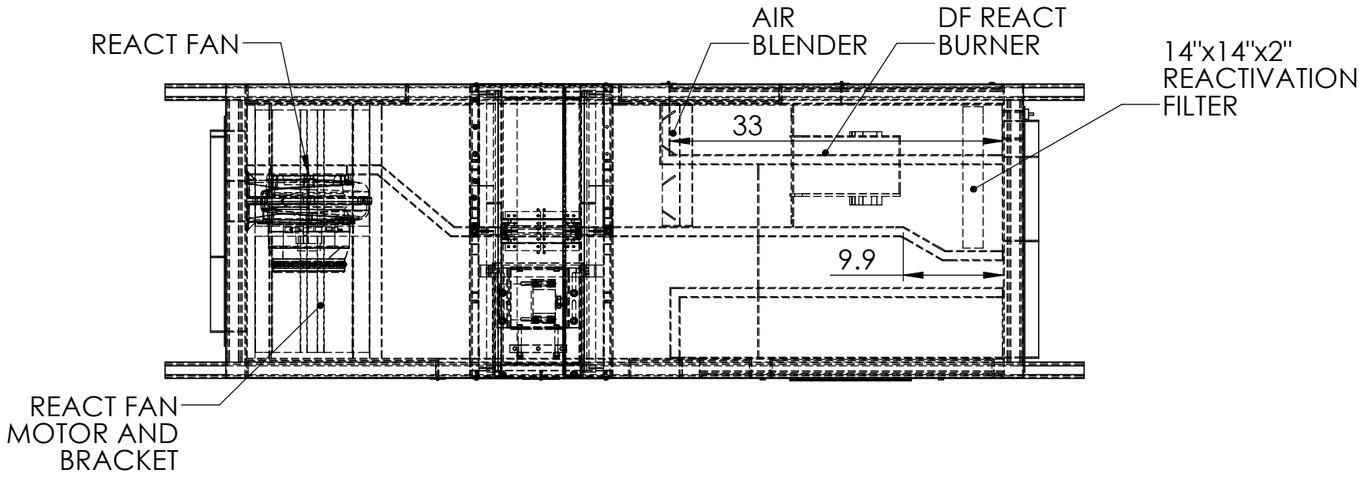
PROJECT LOCATION

DESIGNED BY:	DRYSOLUTIONS INC.
DRAWN BY:	NDB
DATE CREATED:	1/24/2022

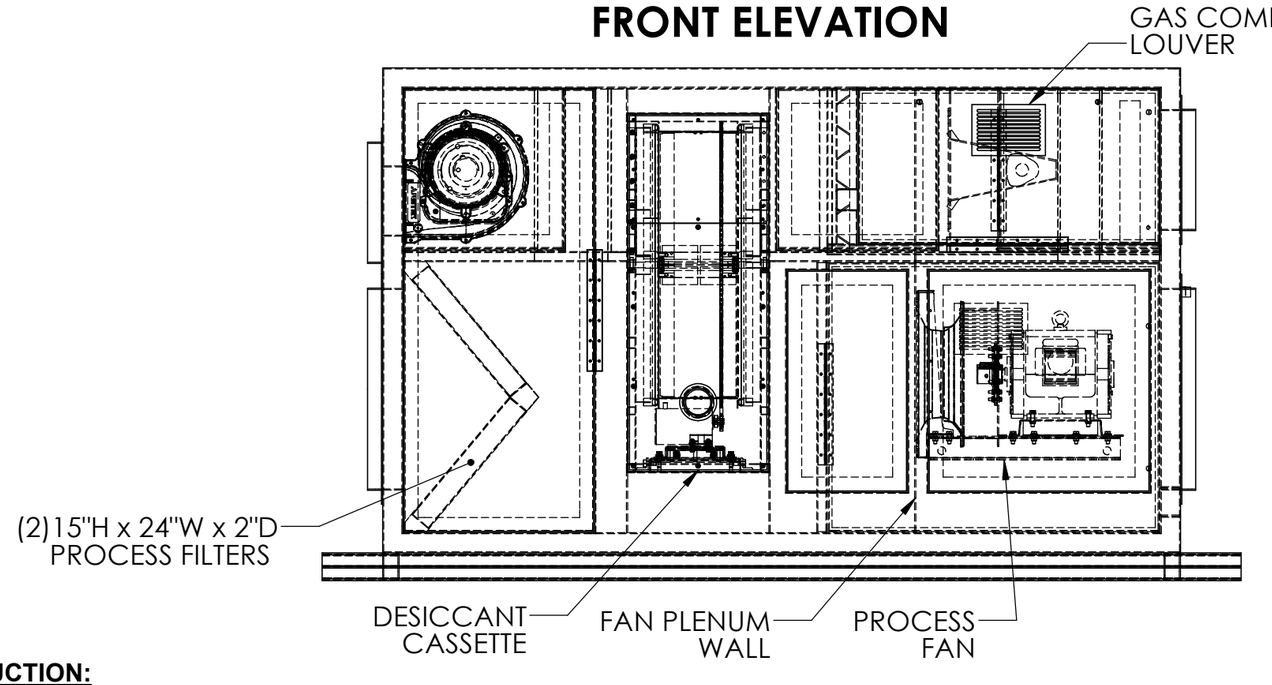
WP-2600-DFG MOBILE DESICCANT DEHUMIDIFIER GENERAL DIMENSIONS

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

PLAN VIEW



FRONT ELEVATION



GENERAL NOTES:

1. ROTOR DIMENSIONS: 670MM X 200MM
2. REACTIVATION OUTLET DUCT TO HAVE STAINLESS STEEL (S.S.) INTERNAL CLADDING
3. PROCESS FAN TO BE SPACED AND BRACED APPROPRIATELY.

MATERIALS OF CONSTRUCTION:

CASING: DOUBLE WALLED 18GA. GALVANIZED
MILL PHOSPHATIZED (PAINT GRIP) SHEET METAL
BASE: 1 5/8" GALVANIZED DOUBLE UNISTRUT (PAINTED)
INSULATION: 2" FOAM
PAINT: EPOXY TYPE(DRYSOL GREY)

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NO.	DESCRIPTION	DATE
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A	Increased Height	01.25.22

REVISIONS

NO.	DESCRIPTION	DATE
6		
5		
4		
3		
2		
1	Concept Design	12.07.21

RELEASES

PLOT DATE: 4/7/2022
SHEET SCALE: 1:15
SHEET SIZE (ANSI): B

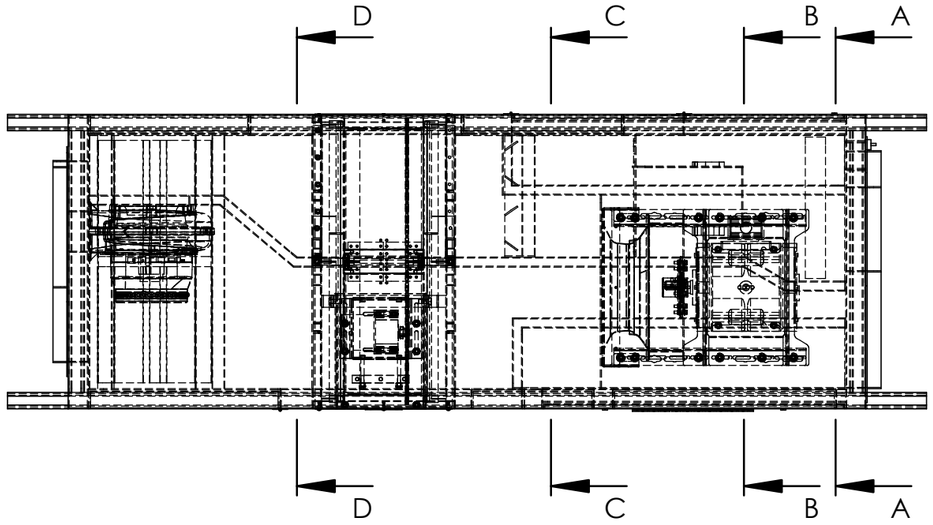
PROJECT NAME
PROJECT LOCATION

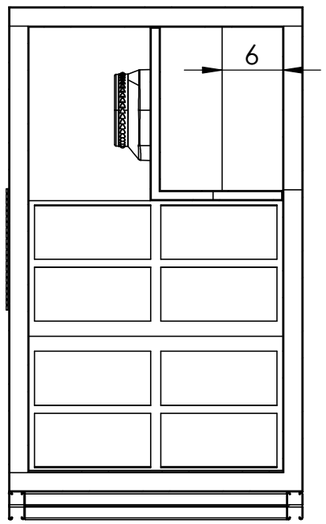
DESIGNED BY: DRYSOLUTIONS INC.
DRAWN BY: NDB
DATE CREATED: 1/24/2022

WP-2600-DFG MOBILE DESICCANT DEHUMIDIFIER INSIDE LAYOUT

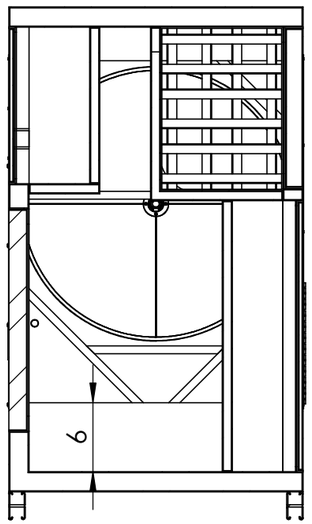
PROJECT NO.: POTXXXX
SHEET NO.: M-04

SECTION MAP

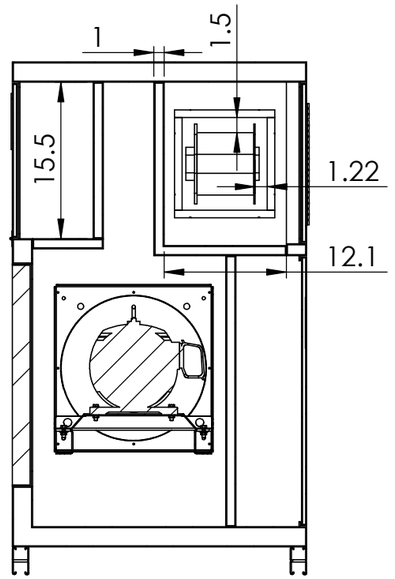




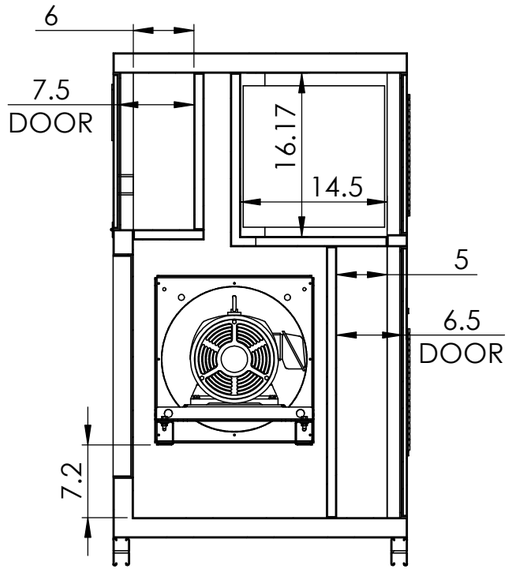
SECTION D-D
REACT FAN MOTOR



SECTION C-C
DESICCANT CASSETTE HEIGHT



SECTION B-B
BURNER PROFILE WALL



SECTION A-A
REACT FILTER

MATERIALS OF CONSTRUCTION:

CASING: DOUBLE WALLED 18GA. GALVANIZED MILL PHOSPHATIZED (PAINT GRIP) SHEET METAL
BASE: 1 5/8" GALVANIZED DOUBLE UNISTRUT (PAINTED)
INSULATION: 2" FOAM
PAINT: EPOXY TYPE(DRYSOL GREY)

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REVISIONS

SHEET SCALE:		1:15
SHEET SIZE (ANSI):		B
6		
5		
4		
3		
2		
1	Concept Design	12.07.21
NO.	DESCRIPTION	DATE

RELEASES

PROJECT NAME

PROJECT LOCATION

DESIGNED BY: DRYSOLUTIONS INC.	
DRAWN BY:	NDB
DATE CREATED:	1/24/2022

WP-2600-DFG MOBILE DESICCANT DEHUMIDIFIER SECTION VIEWS

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