

An aerial photograph of an industrial site, likely a manufacturing or distribution center. The image shows several large, rectangular buildings with light-colored roofs. A network of roads and parking areas is visible. Overlaid on the image are magenta lines representing approximate property boundaries. A north arrow is located in the upper right corner. Various dimensions are marked with black lines and text, indicating the size of the buildings and the overall site layout. The dimensions include: 40'-0" (width of a building), 50'-8" (width of a building), 36'-4" (width of a building), 72'-0" (width of a building), 50'-4" (width of a building), 380'-3" (length of a building), 100'-0" (length of a building), 80'-0" (width of a building), 88'-4" (width of a building), 18'-0" (width of a building), 88'-4" (width of a building), 36'-0" (width of a building), 88'-4" (width of a building), 80'-0" (width of a building), 100'-0" (length of a building), 380'-3" (length of a building), 50'-8" (width of a building), 36'-4" (width of a building), 72'-0" (width of a building), 50'-4" (width of a building). The text "APPROXIMATE PROPERTY LINES" is written vertically along the right side of the image.

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Project Number J25-XXX Drawn By KJO Issue Date 02/04/25 Checked By EJ Approved By RJL A101	Isometric  2025 West of Washington, LLC 6806 N. Industrial P.O. Box 1000 Pecos, NM 88051 (505) 940-9370	Oregon Potato 3 Storage Zones	 INDUSTRIAL VENTILATION, INC. 1721 E. Kentway Rd. Nampa, ID 83857 (208) 463-2387

PRODUCT TYPE	POTATO	CN	255,000
TONNAGE (WEIGHT)	10,000	FT/ALU	30
Oregon Potato 3 Storage Zones		INDUSTRIAL VENTILATION, INC. 722 E. Mainline Rd. Wenatchee, WA 98801 (509) 442-5255	
Isometric		Teton West of Washington, LLC 2826 N. Industrial Rd. Wenatchee, WA 98801 (509) 442-5255	
Project Number	J25-XXX	Issue Date	02/04/25
Drawn by	KJO	Checked by	E
		Approved by	RI
		A101	

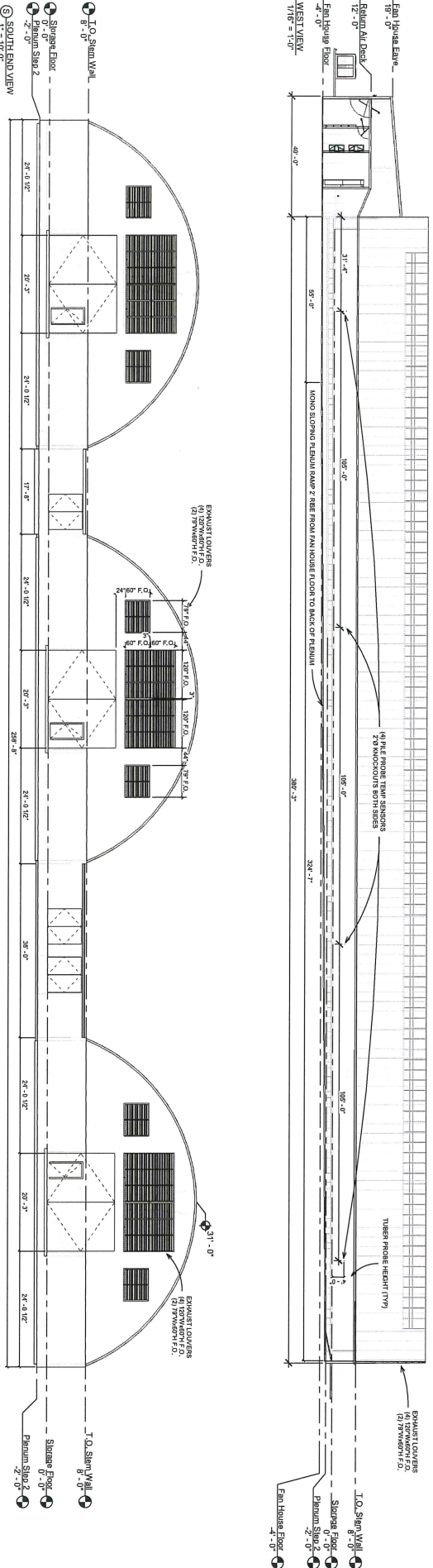
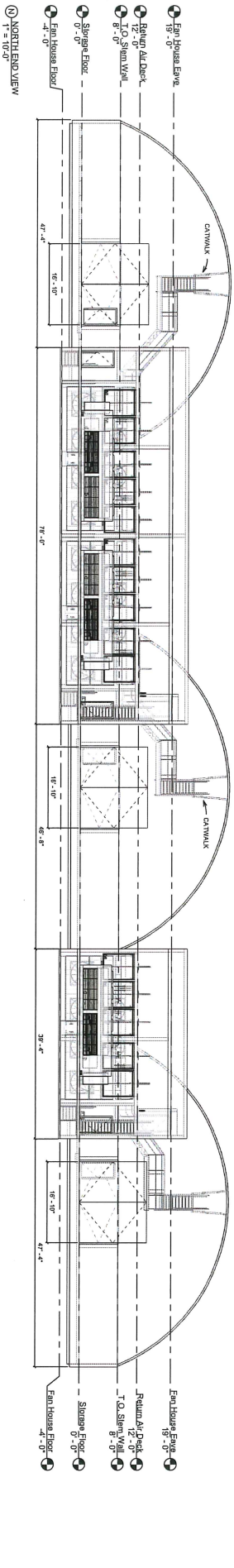
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⑧ $1/16^{\circ} = 1'.0''$

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PRELIMINARY MECHANICAL DESIGN - NOT FOR CONSTRUCTION



EQUIPMENT SCHEDULE				EQUIPMENT SCHEDULE			
QTY	IN PROVIDED EQUIPMENT (DESCRIPTION)	FRAMED OPENING & SPECIAL REQUIREMENTS	SERVICE & POWER REQUIREMENTS	WTS	#	REVISION DESCRIPTION	BY DATE
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④ FAN WALL
1/4" = 1'-0"

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This architectural section drawing illustrates the internal structure of the Return Air Deck. It features three horizontal CO₂ support shelves, each labeled "CO₂ SUPPORT SHELF". Above these shelves are return air ducts, with dimensions indicating a width of 120" F.O. and a height of 42" F.O. The deck is supported by vertical structural elements, with dimensions such as 12", 6", and 3" shown. Arrows point to specific components, including "RETURN AIR DUCT" and "AUTO BYPASS DOORS". The drawing also shows the connection to the "Return Air Deck" and the "Auto Bypass Doors". Dimensions at the bottom indicate a total width of 120" F.O. and a height of 42" F.O.

WALL

164" F.O.

38 1/2" F.O.

30Wx17 1/2" MEDIA HANDRAIL

RETURN AIR DUCT

30Wx17 1/2" MEDIA HANDRAIL

38 1/2" F.O.

Return Air Duct 1/2"

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TOP VIEW

RETURN AIR F.O. AS PER REQUIREMENTS

RETURN AIR F.O. AS PER REQUIREMENTS

FRONT VIEW

FRESH AIR F.O. AS PER REQUIREMENTS

FRESH AIR F.O. AS PER REQUIREMENTS

SIDE VIEW

FRESH AIR F.O. AS PER REQUIREMENTS

INSIDE FRAME OF T-DOOR FLUSH WITH INSIDE OF WALL

T-DOOR SWING RADIUS

RETURN AIR DECK

SHUTTING (3 SIDES) INSTALLED BY BUILDER AFTER T-DOOR INSTALL

EXPLODED VIEW

A: T-DOOR MOUNTING

B: UNISTRUT BRACKET MOUNTING

FRONT VIEW

FINISHED F.O.

FINISHED F.O.

SIDE VIEW

A: FOAM DETAIL

FOAM GAP BETWEEN FRAMING AND FAN SHROUD AFTER MOUNTING

C: FAN MOUNTING

Fan Size	F.O. Size (in)
35" Ø	42" Wx17" H
42" Ø	48" Wx18" H
48" Ø	54" Wx19" H
54" Ø	60" Wx20" H

WALLS MUST BE ABLE TO WITHSTAND 25 INCH (632 Pa) OF STATIC PRESSURE DOWNSTREAM OF FANS

TOP VIEW

FRONT VIEW

SIDE VIEW

A: T-DOOR MOUNTING

B: UNISTRUT BRACKET MOUNTING

C: FAN MOUNTING

TOP VIEW

RETURN AIR F.O. AS PER REQUIREMENTS

RETURN AIR F.O. AS PER REQUIREMENTS

FRONT VIEW

FRESH AIR F.O. AS PER REQUIREMENTS

FRESH AIR F.O. AS PER REQUIREMENTS

SIDE VIEW

FRESH AIR F.O. AS PER REQUIREMENTS

INSIDE FRAME OF T-DOOR FLUSH WITH INSIDE OF WALL

T-DOOR SWING RADIUS

RETURN AIR DECK

SHUTTING (3 SIDES) INSTALLED BY BUILDER AFTER T-DOOR INSTALL

EXPLODED VIEW

A: T-DOOR MOUNTING

B: UNISTRUT BRACKET MOUNTING

FRONT VIEW

FINISHED F.O.

FINISHED F.O.

SIDE VIEW

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WALLS MUST BE ABLE TO WITHSTAND 25 INCH (632 Pa) OF STATIC PRESSURE DOWNSTREAM OF FANS

TOP VIEW

FRONT VIEW

SIDE VIEW

A: T-DOOR MOUNTING

B: UNISTRUT BRACKET MOUNTING

C: FAN MOUNTING

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ATTACH COOLING COILS THROUGH COIL FLANGE, WITH SCREWS INTO FRAMED OPENING MATERIAL

TOP VIEW

3'-0" MIN

FINISHED F.O.

LOCATE COILS DOWNSTREAM OF COIL WALL WHEN POSSIBLE AND SHEET OPPOSITE SIDE OF WALL FACE

BACK VIEW

HEADER AREA

COIL SUPPORT SHELF (PROVIDED BY BUILDER)

FINISHED F.O.

12.00

TYP

SIDE VIEW

COIL SUPPORT SHELF (PROVIDED BY BUILDER)

12.00

TYP

FINISHED F.O.

AIRFLOW

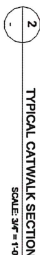
COIL RING OPTIONAL FOR USE WITH COILS ON COILS ARE LOCATED IN THE RETURN OF A FORCED STORAGE

A. EDGE OF F.O.

B. SHELF VIEW

8" TO WIDTH OF F.O. AND HEIGHT TO BOTTOM OF F.O. PROVIDED BY BUILDER FOR FRAMED OPENING, REFERENCE ONLY

SEE DRAWING SHEETS FOR COIL AND SHEET PLACEMENT (UPSTREAM VS. DOWNSTREAM)

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