

Ø207  
RECOMMENDED OPERATING  
CLEARANCE

# ISI C168-48 CONE SCREEN

Ø168

121 1/4

PICK POINTS

BRUSH CROSS

DRIVE UNIT

BRUSH ARM

A

OPTIONAL RIVERINE  
FLOW BAFFLE

UMBILICAL OUTLET

Ø1 5/16  
FASTENER DEPENDENT  
ON BASE TYPE

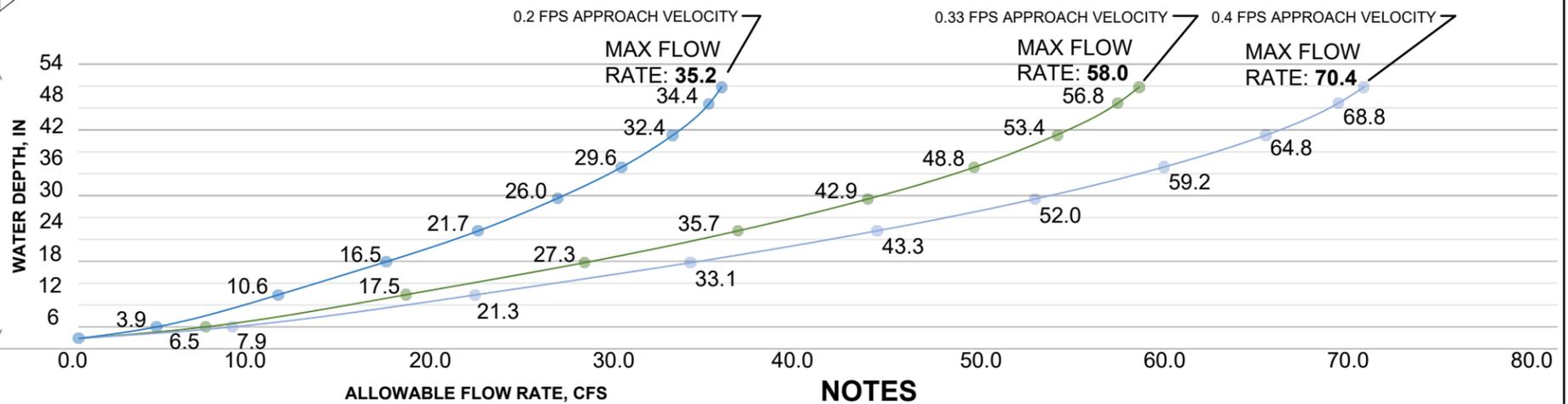
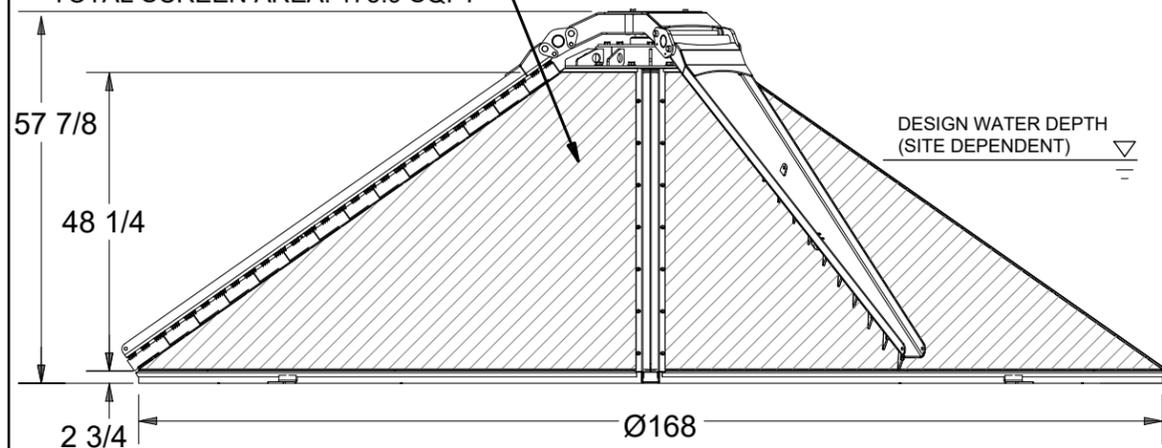
**NOTE:** INLET OPENING UNDER THE SCREEN IS NOT  
SHOWN. INLET OPENING SIZE TO BE DETERMINED  
BY FLOW AND HEAD LOSS CHARACTERISTICS.

WEDGEWIRE SCREEN SURFACE  
TOTAL SCREEN AREA: 175.9 SQFT

121 1/4

DETAIL A

## ISI C168-48 FLOW CURVES



### NOTES

1. RATING CURVES SHOWN ABOVE FOR ILLUSTRATIVE PURPOSES ONLY.
2. APPLICABLE SCREEN CRITERIA AND SITE CONDITIONS SHOULD BE CONSIDERED WHEN SIZING SCREENS.
3. ALL DIMENSIONS IN INCHES UNLESS OTHERWISE NOTED.
4. MAXIMUM WEIGHT FOR SCREEN WITH AN ELECTRIC DRIVE AND FLOW BAFFLE. ACTUAL WEIGHT MAY BE LESS.



DATE 10-8-2025  
REV C  
BY MR

MODEL No.  
C168-48

MATERIAL  
 304 SS  
 316 SS  
 OTHER

WEDGEWIRE  
 69V, 1.75 mm SLOT SIZE, 50% OPEN AREA  
 OTHER

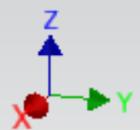
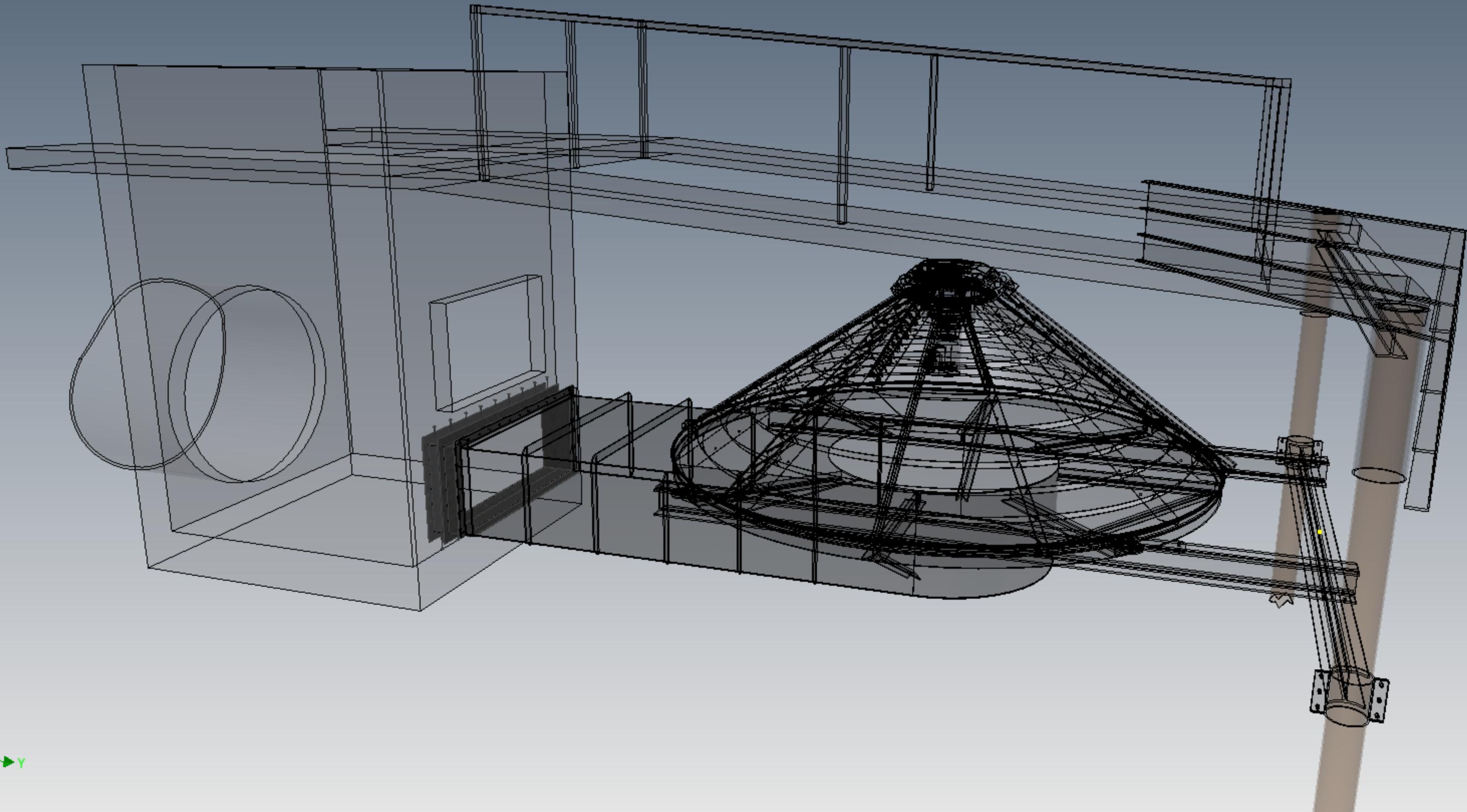
DRIVE TYPE  
 ELECTRIC  
 HYDRAULIC  
 TURBINE

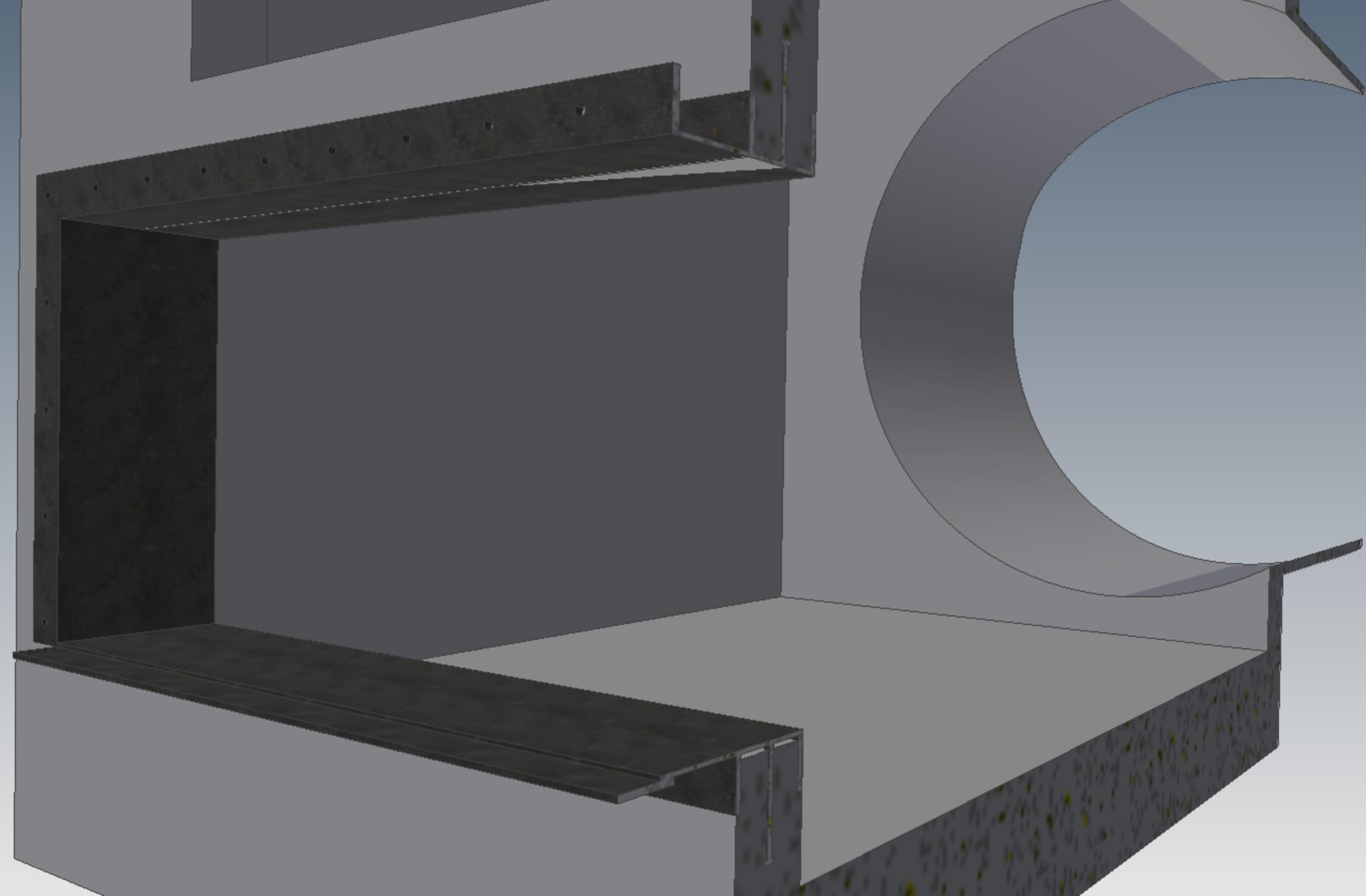
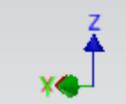
WEIGHT  
2950 lb<sup>4</sup>

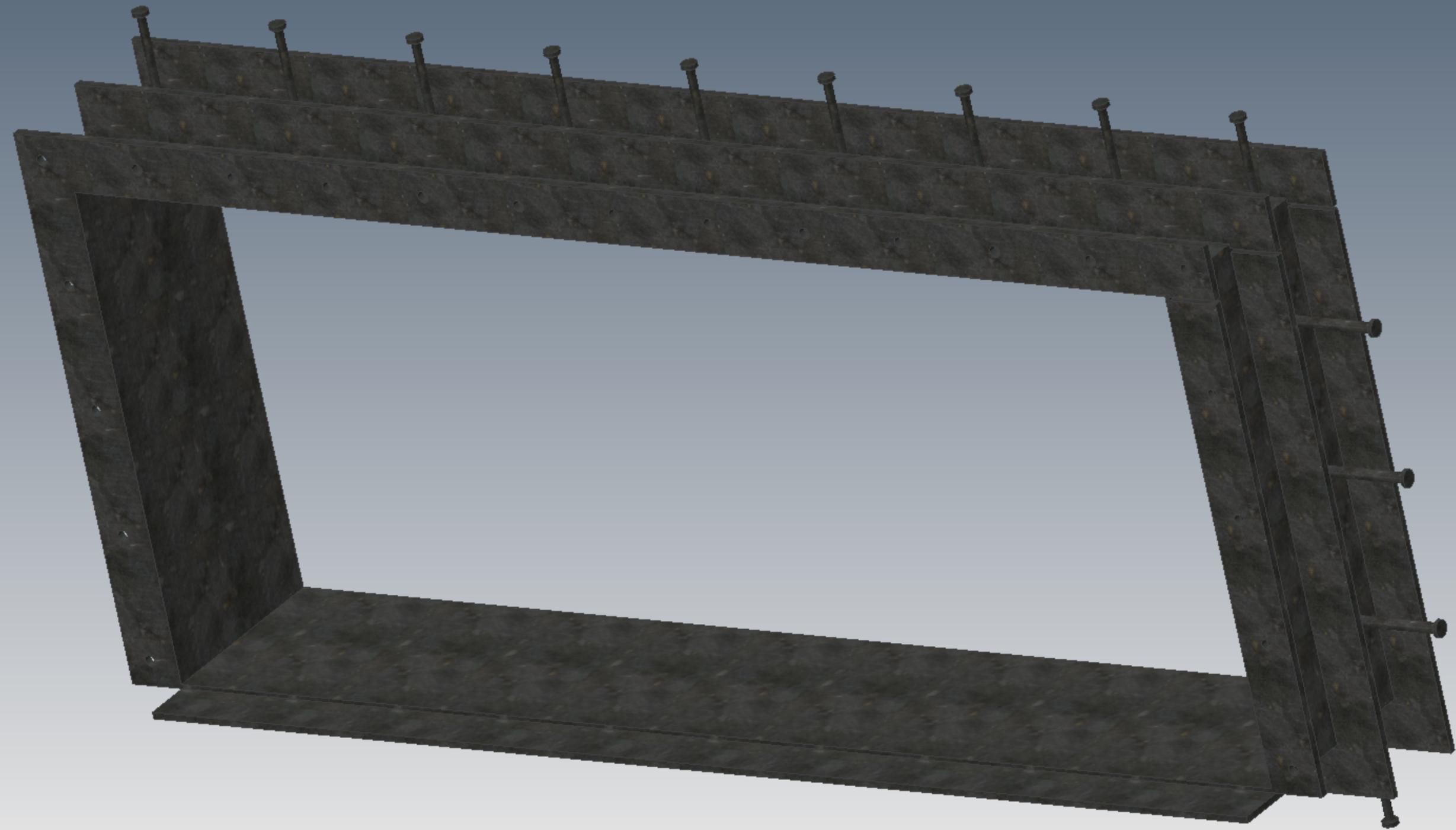
SUPPLY POWER  
 460 VAC  
 240 VAC  
 208 VAC

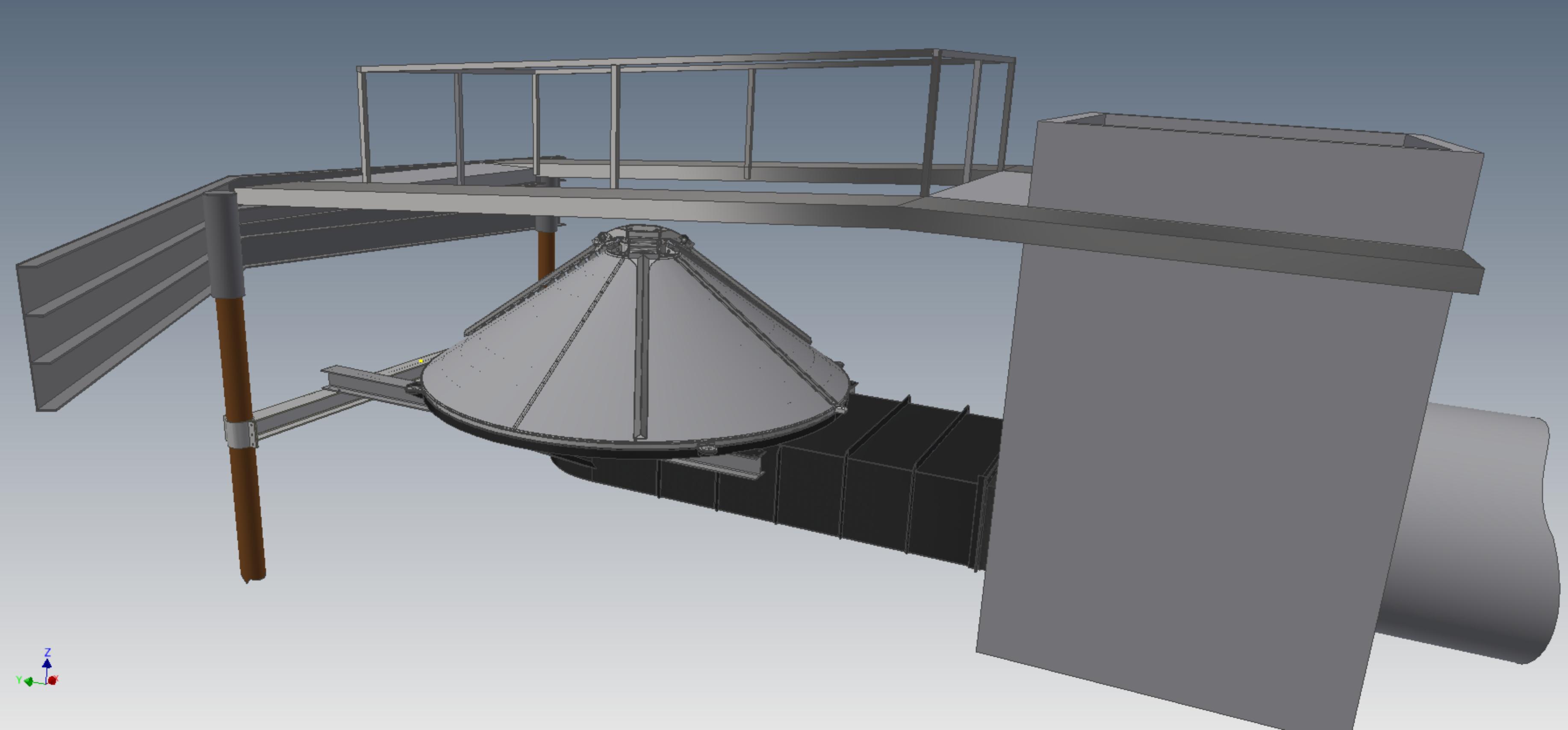
120 VAC  
 DC POWER  
 NO POWER

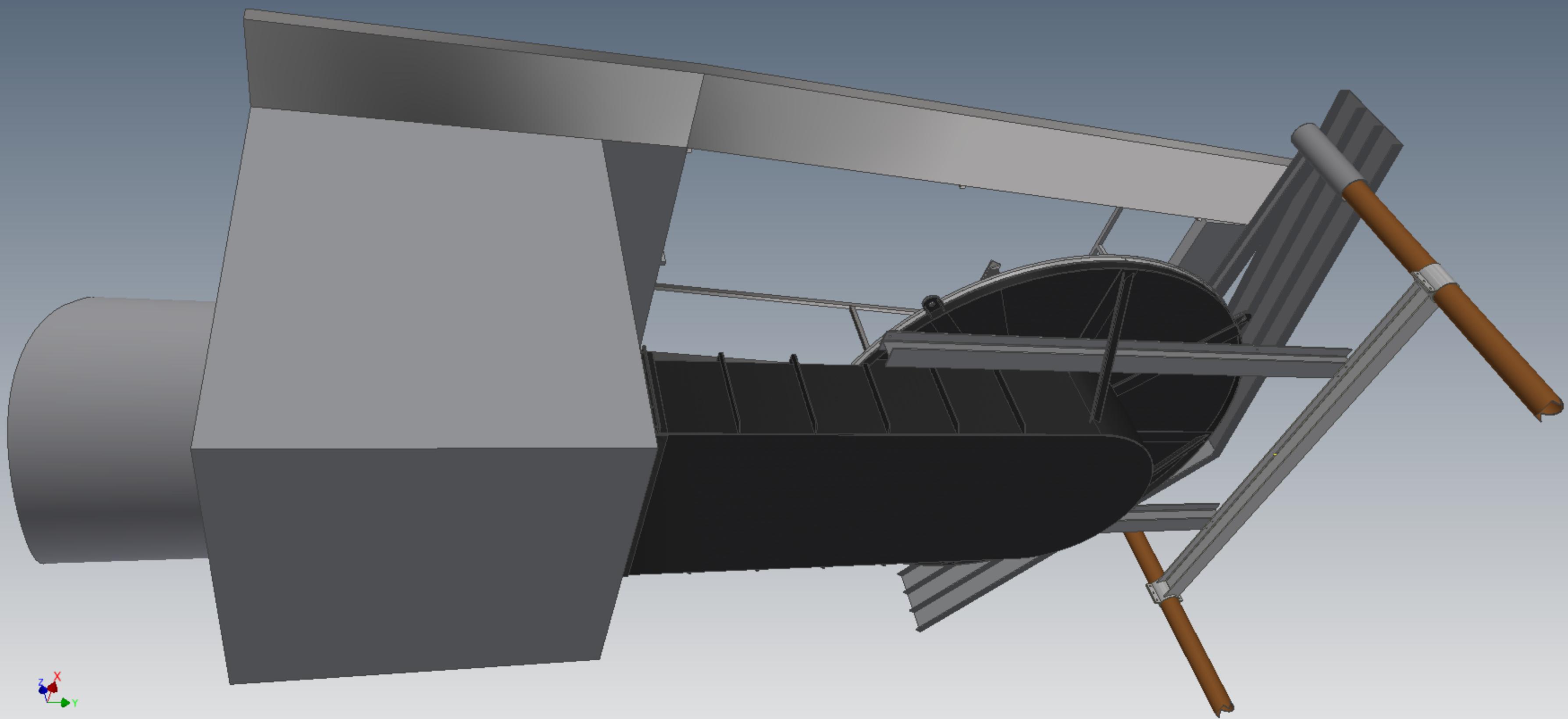
POWER PHASE  
 3 PHASE  
 1 PHASE  
 N/A

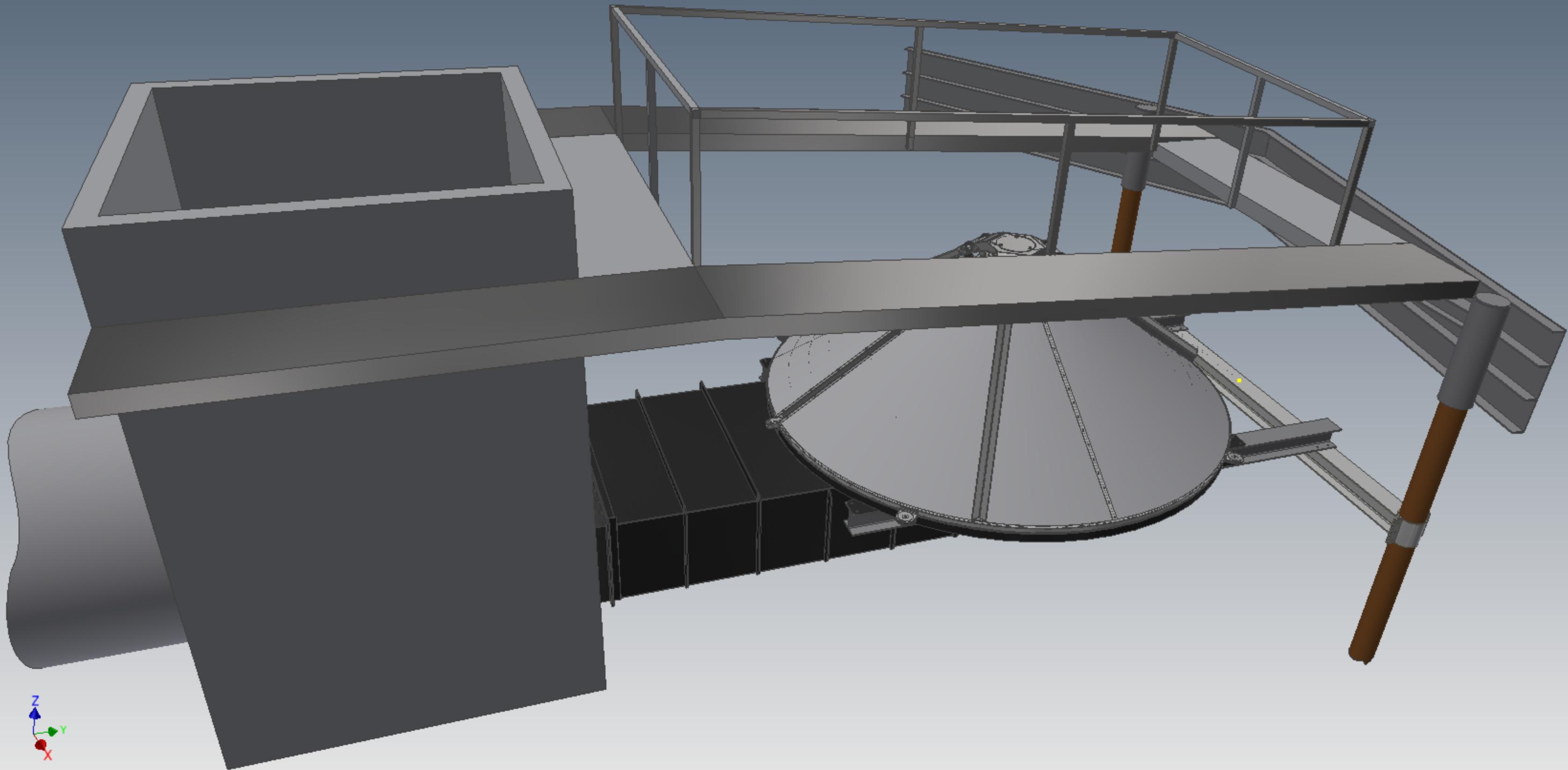


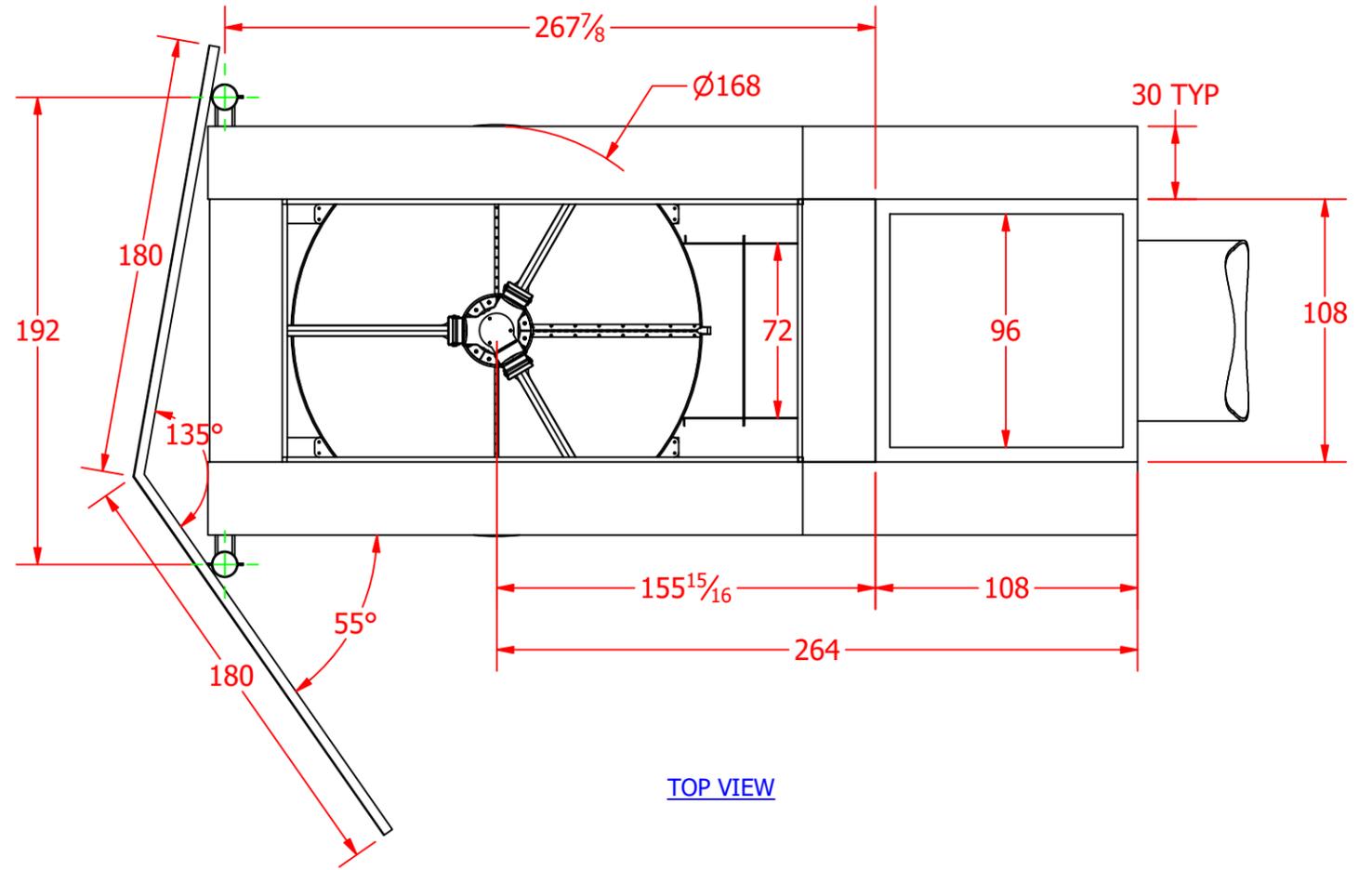
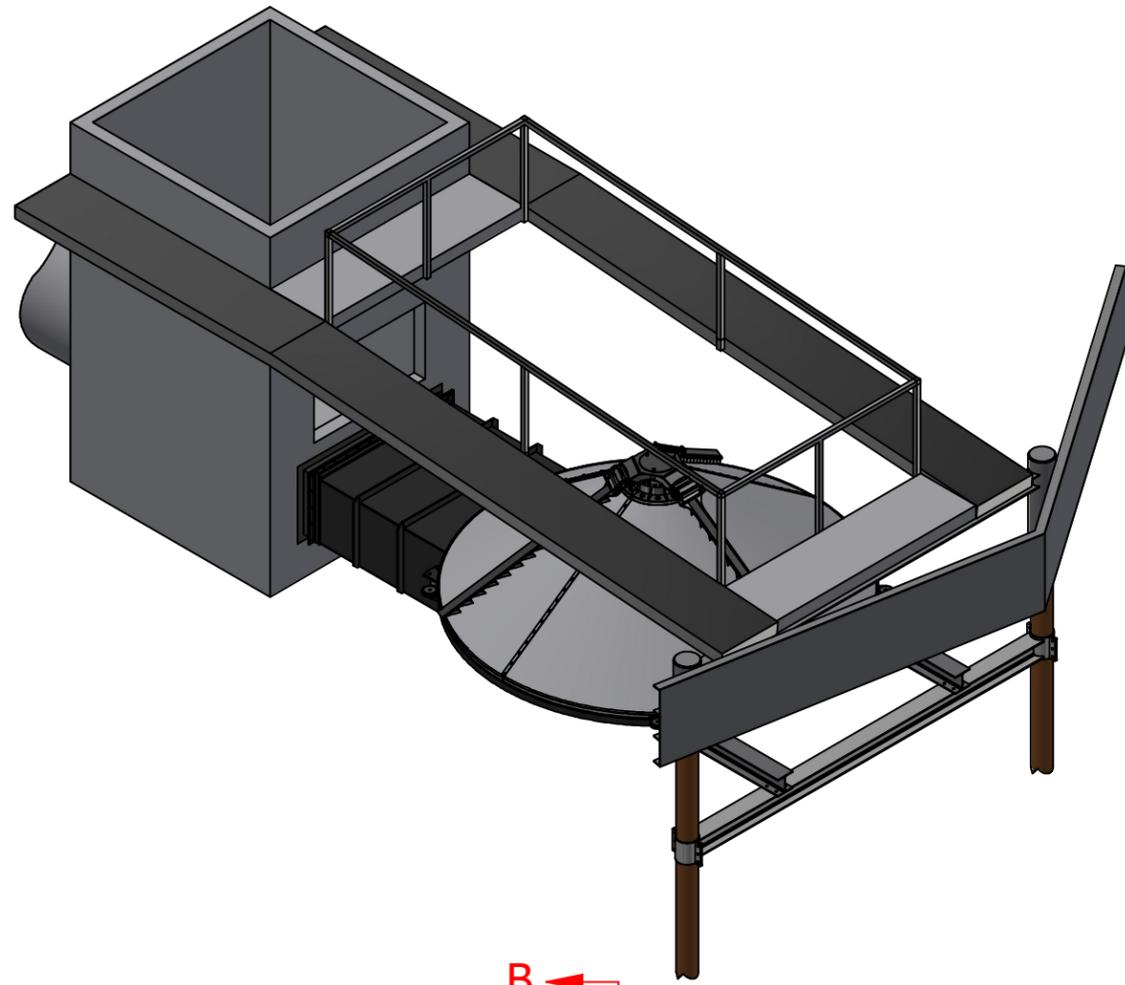




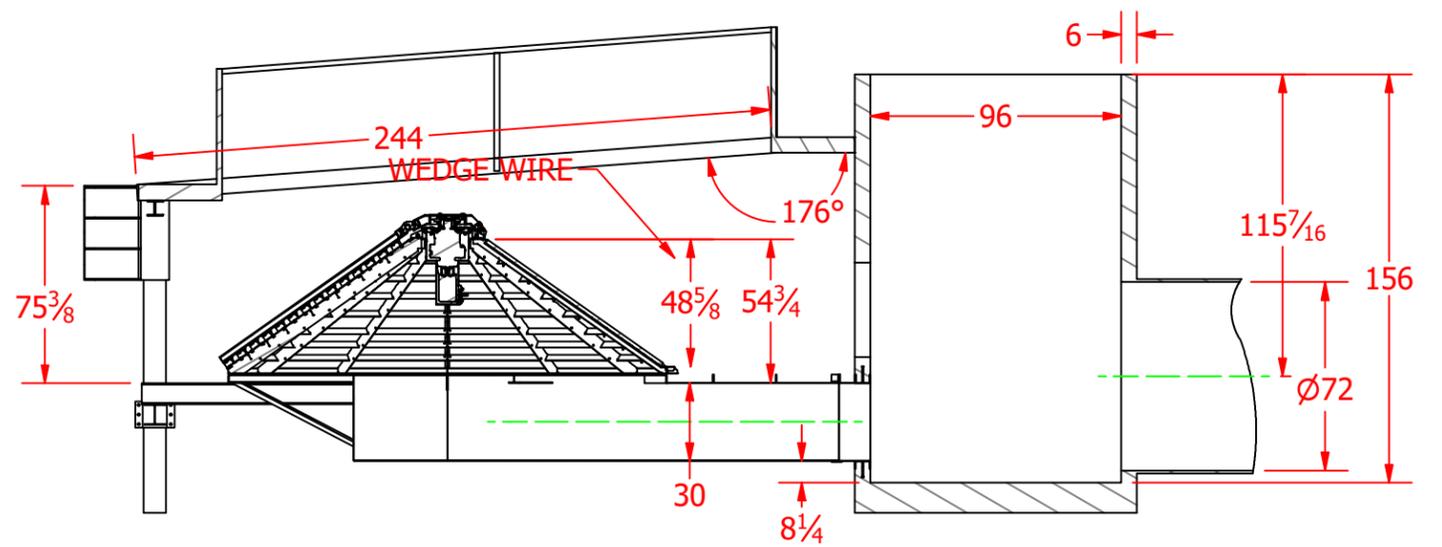
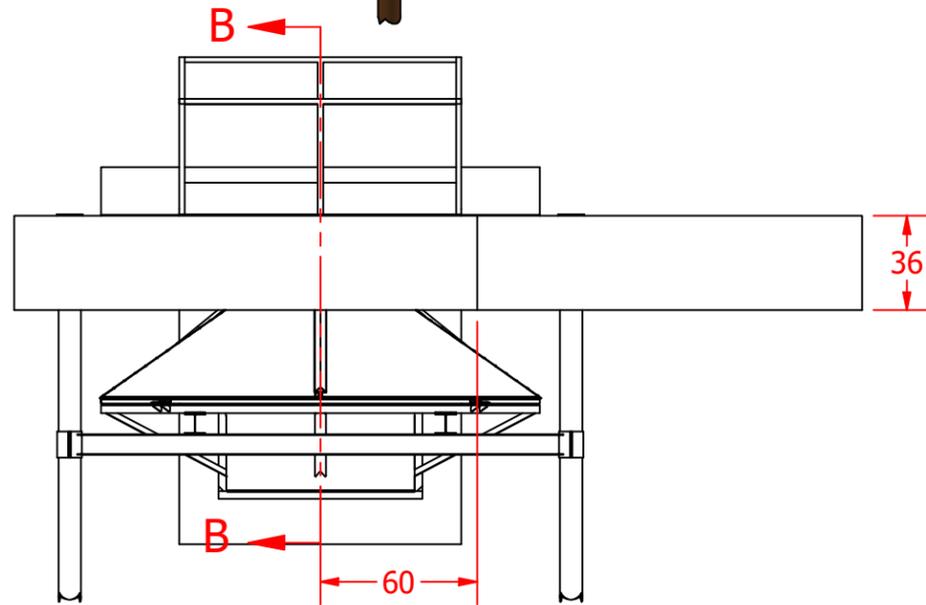








TOP VIEW



SECTION B-B

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REV	DESCRIPTION	DATE	APPROVED

ALL DIMENSIONS IN INCHES UNLESS NOTED

STANDARD TOLERANCES  
 Fractional Dimensions ± 1/32  
 Decimal Dimensions ± 0.005

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DATE	3/10/2026
APP'D BY	RUSSELL BERRY IV
DRAWN BY	JACOB CHAPIN
"B" SHEET SCALE	

PROJECT	DC4
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DESCRIPTION	SCREEN ON PORTABLE FRAME
MATERIAL	LAYOUT

DRAWING NUMBER	DC4-LAYOUT
MASS	70909.2 lbmass

SHEET NUMBER	1 of 1
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