

working for clean rivers

Ankeny Pump Station Odor Treatment System Rehab

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City of Portland Environmental Services

Jan 27, 2021



Council Item 62

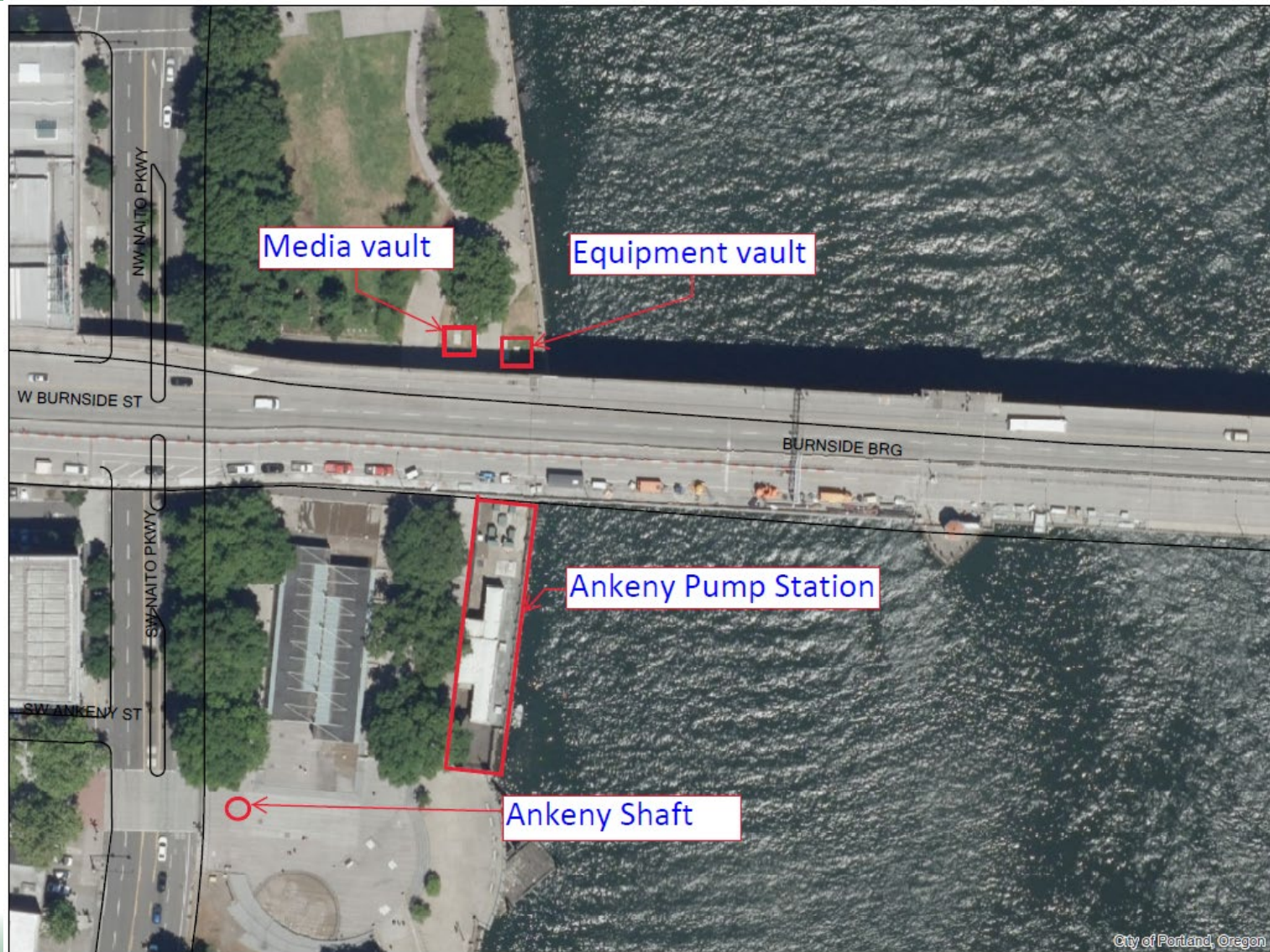


ENVIRONMENTAL SERVICES
CITY OF PORTLAND

MINGUS MAPPS, COMMISSIONER
MICHAEL JORDAN, DIRECTOR



Project Location



Project Location (Cont.)



Media Vault



Equipment Vault



Why Odor Treatment?

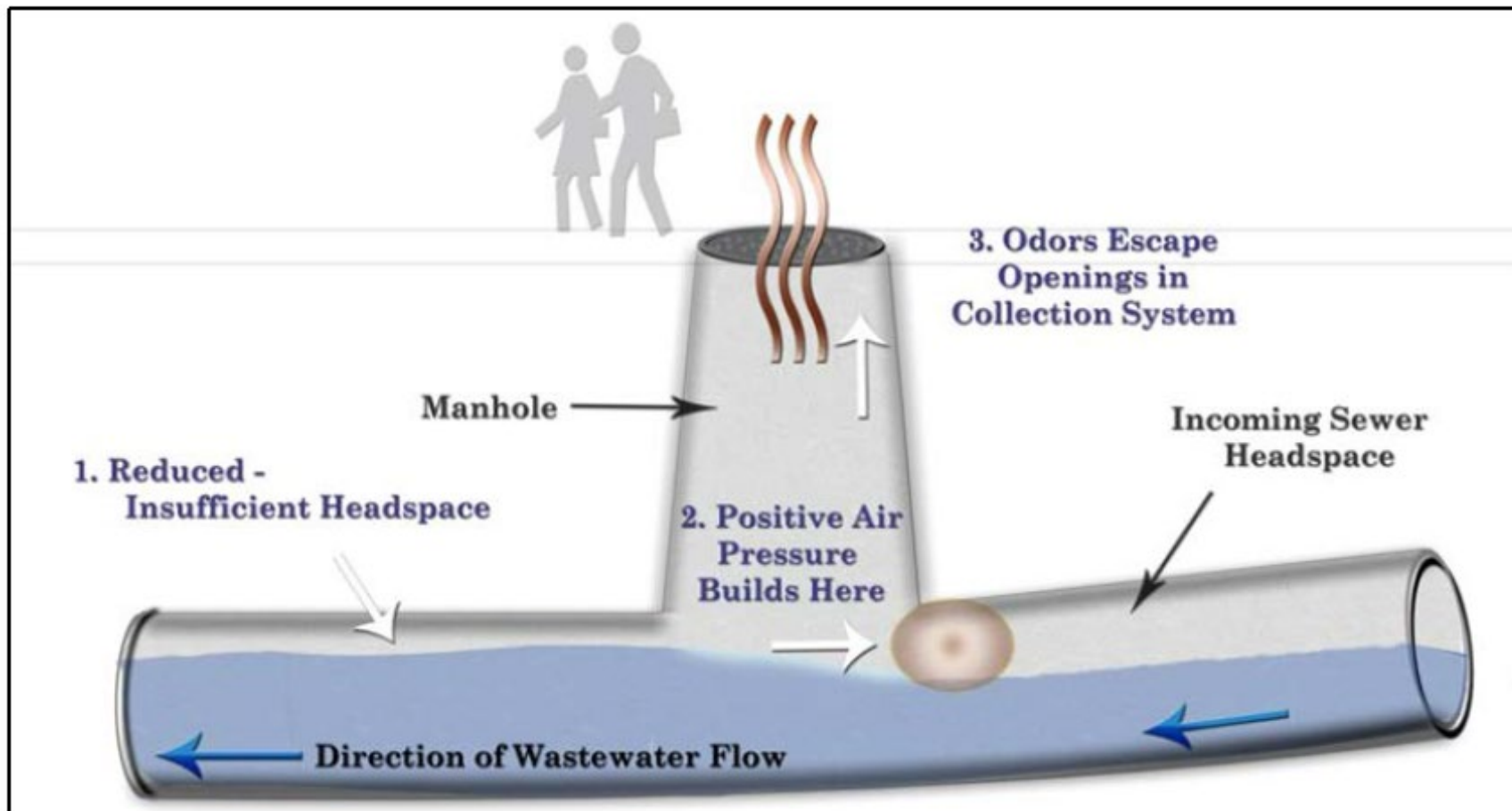


Figure 4. Headspace airflow restriction in a gravity sewer pipe



Why Odor Treatment? (Cont.)



Existing Condition



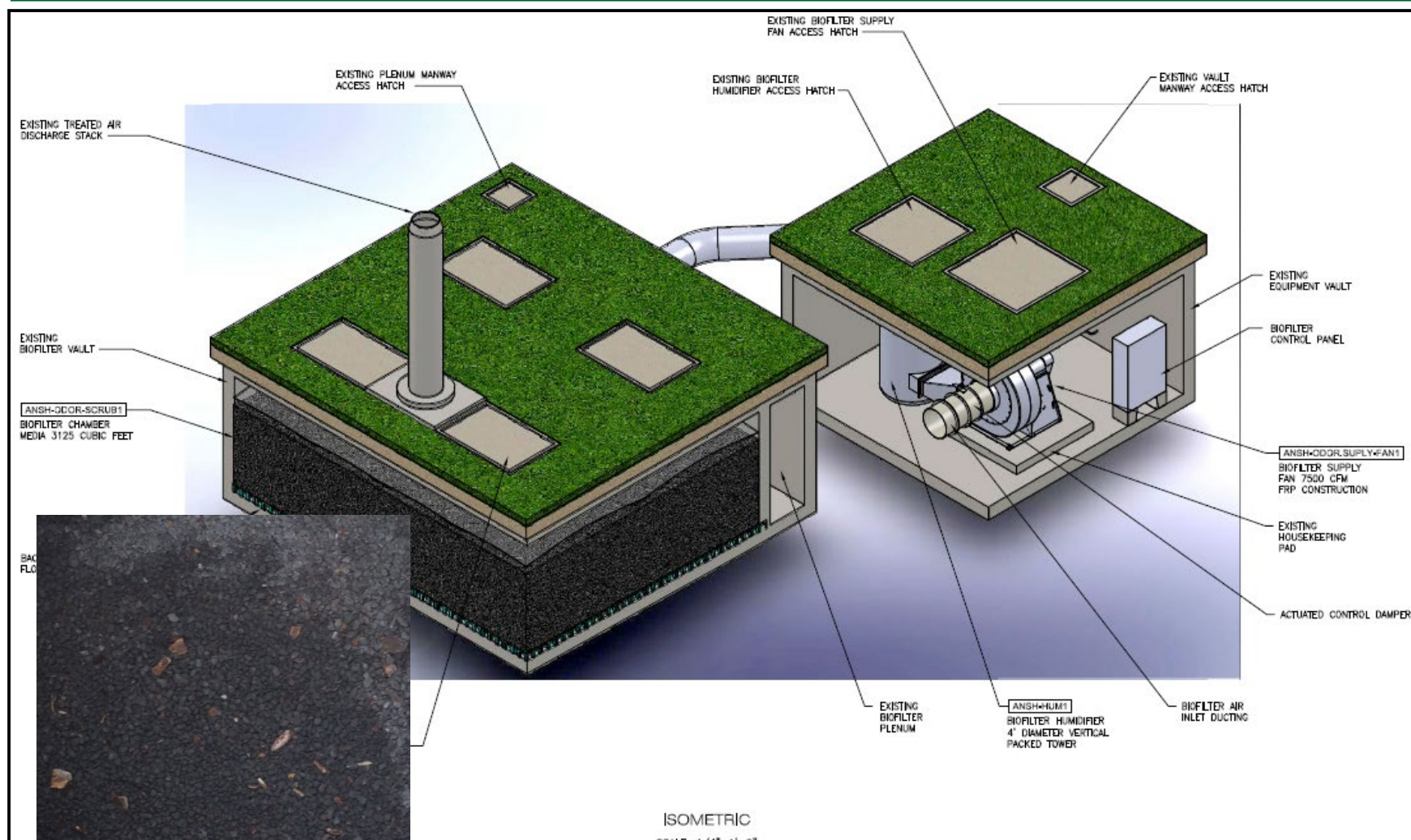
2015



2019

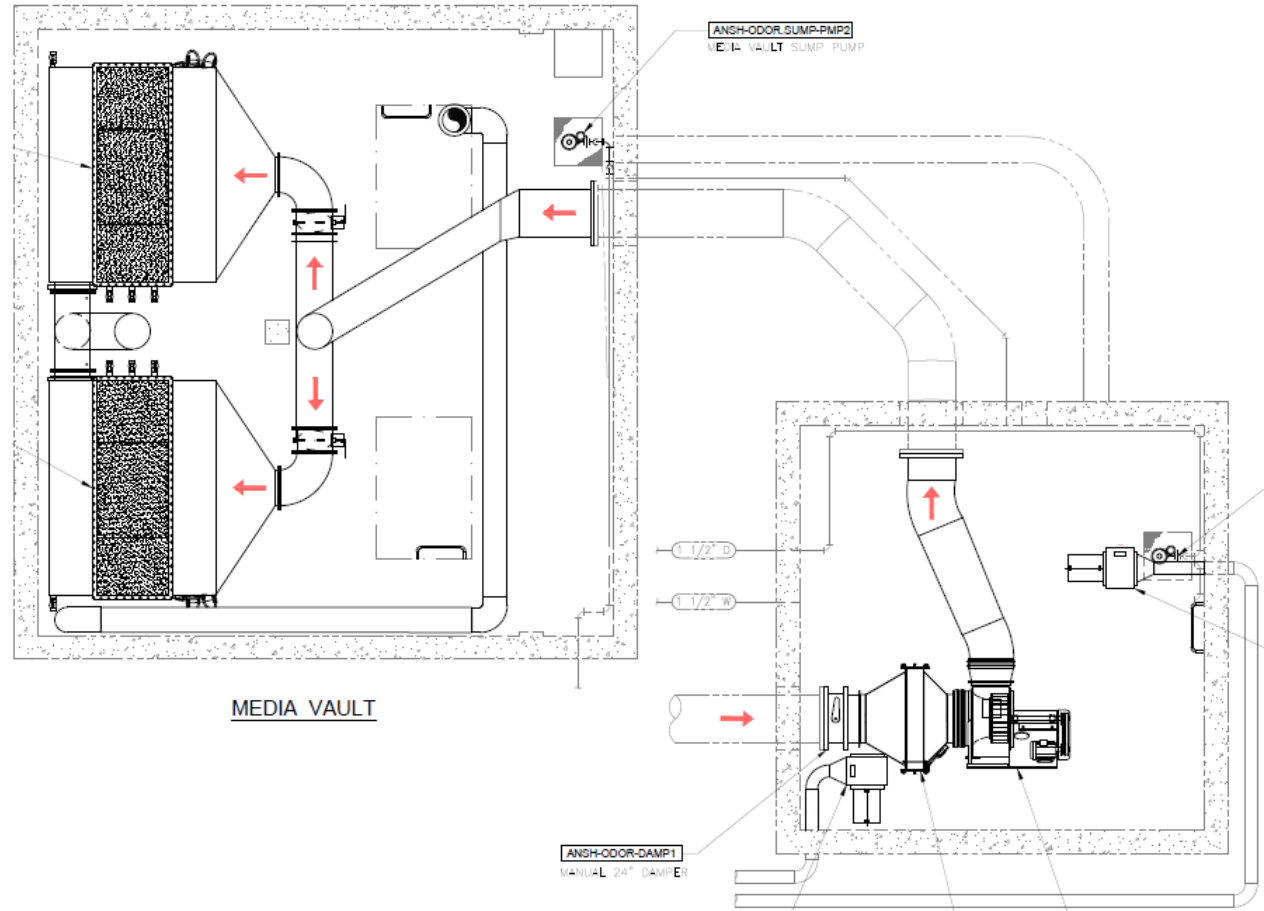


Existing Installation

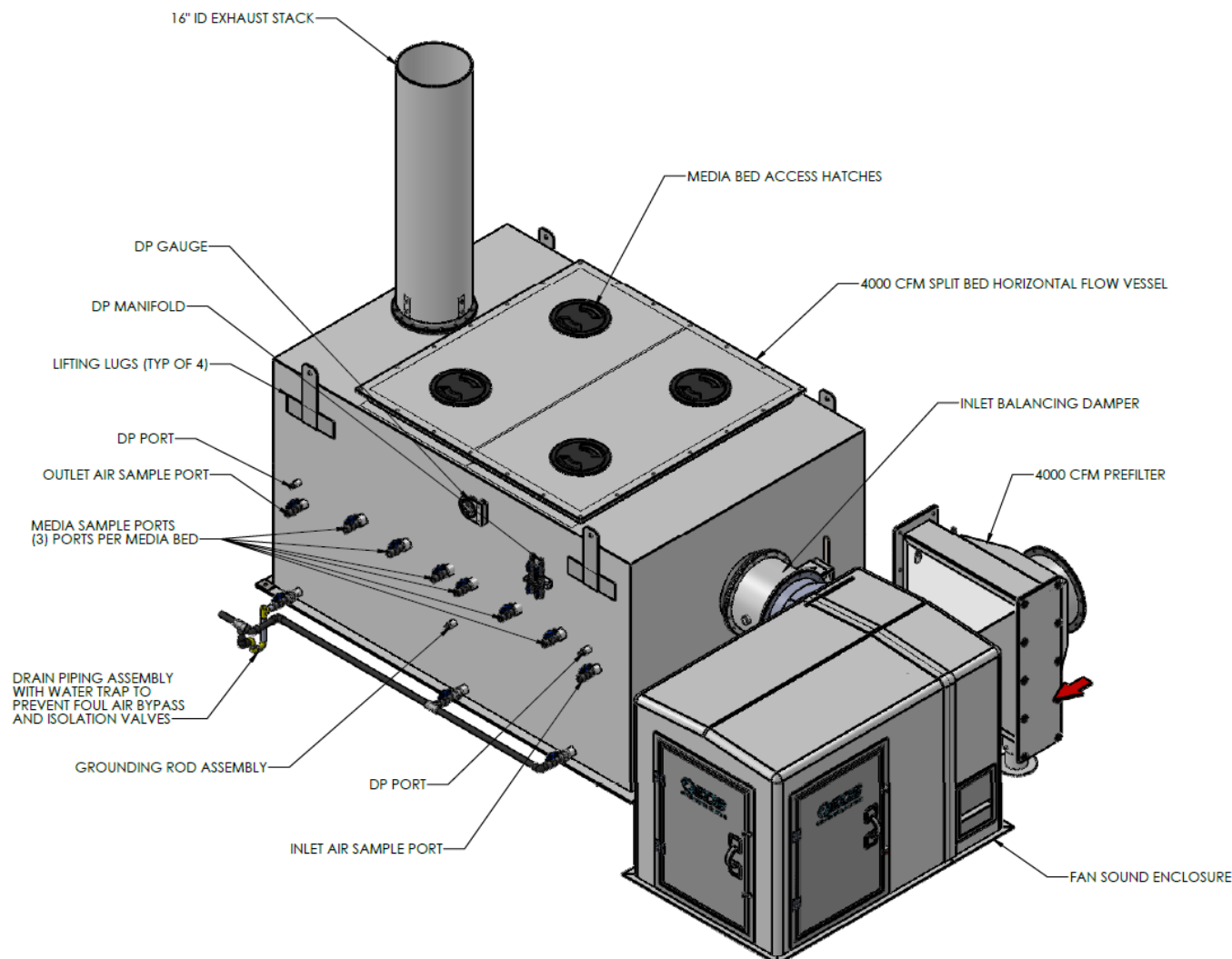


Project Objectives

- Meet current codes and regulations
- Reliable system
- Easy to operate
- Eliminate offensive odors



New Odor Treatment System



Project Schedule

Milestone	Target Month
Advertise for Construction Bids	March 2021
Bid Opening	April 2021
Issue Notice to Proceed (NTP)	July 2021
Construction Substantially Complete	April 2022
Project Completion	October 2022



Current Project Budget

Project Phases	Current Budget
Predesign	\$270,000
Design	\$290,000
Advertise-NTP	\$25,000
Construction phase including: <ul style="list-style-type: none">- Construction Contract- Construction Management- Inspection- Permit	\$1, 395,000
Startup/ Closeout	\$20,000
Estimated Total Project Cost	\$2,000,000



Questions

Thank you!

