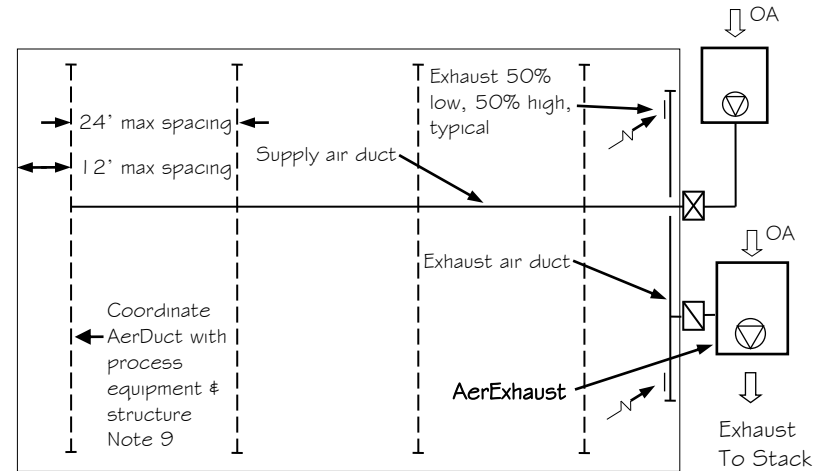
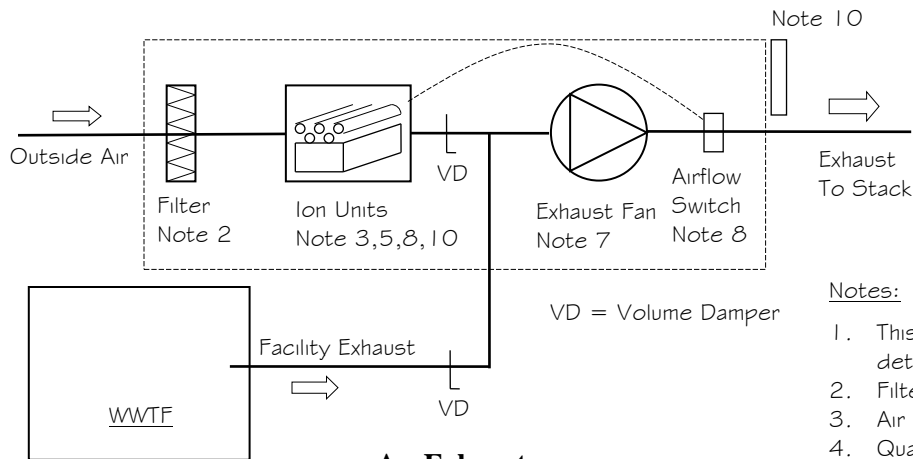


Ionized Air Distribution
No scale



Facility Plan
No scale



AerExhaust
No scale

Notes:

1. This is a schematic. Configuration, airflow rates and sizes to be determined based on project specifics.
2. Filters to be minimum 35% efficiency.
3. Air velocity over ionization units to be minimum 800 FPM.
4. Quantity of ion units based on contaminant concentration and required air exchanges.
5. Quantity of ion units is based on combined exhaust airflow.
6. Supply fan design shall incorporate 1.0" E.S.P., min.
7. Exhaust fan shall be explosion proof and incorporate 1.5" E.S.P., min.
8. Power to ionization units shall be interlocked with airflow switch.
9. Duct shall be aluminum, stainless steel or PVC to avoid corrosion. It shall have engineered supply air holes to evenly distribute ionized air throughout the plant.
10. Ionization unit control panels provide for status alarm and on/off control.

Wastewater Treatment Facility Design Configuration	
Drawn By	TLS
Checked By	SFH
Rev. Date	09/16/14
Scale	NTS
Drawing No. M-1	