

# Water Treatment Plants

# Revit BIM Services Presentation

## Capability Summary

**Revit, MicroStation, Navisworks, Autodesk Plant3D**

**BIM Modelling, Design and detailing for water treatment plants (STP, ETP, WTP, WWTP) With Clash Detection Process**

**Piping materials - Carbon steel, Stainless Steel, PVC, CPVC, FRP/GRP and HDPE, DI, With Different Connection As Applicable To The Process.**

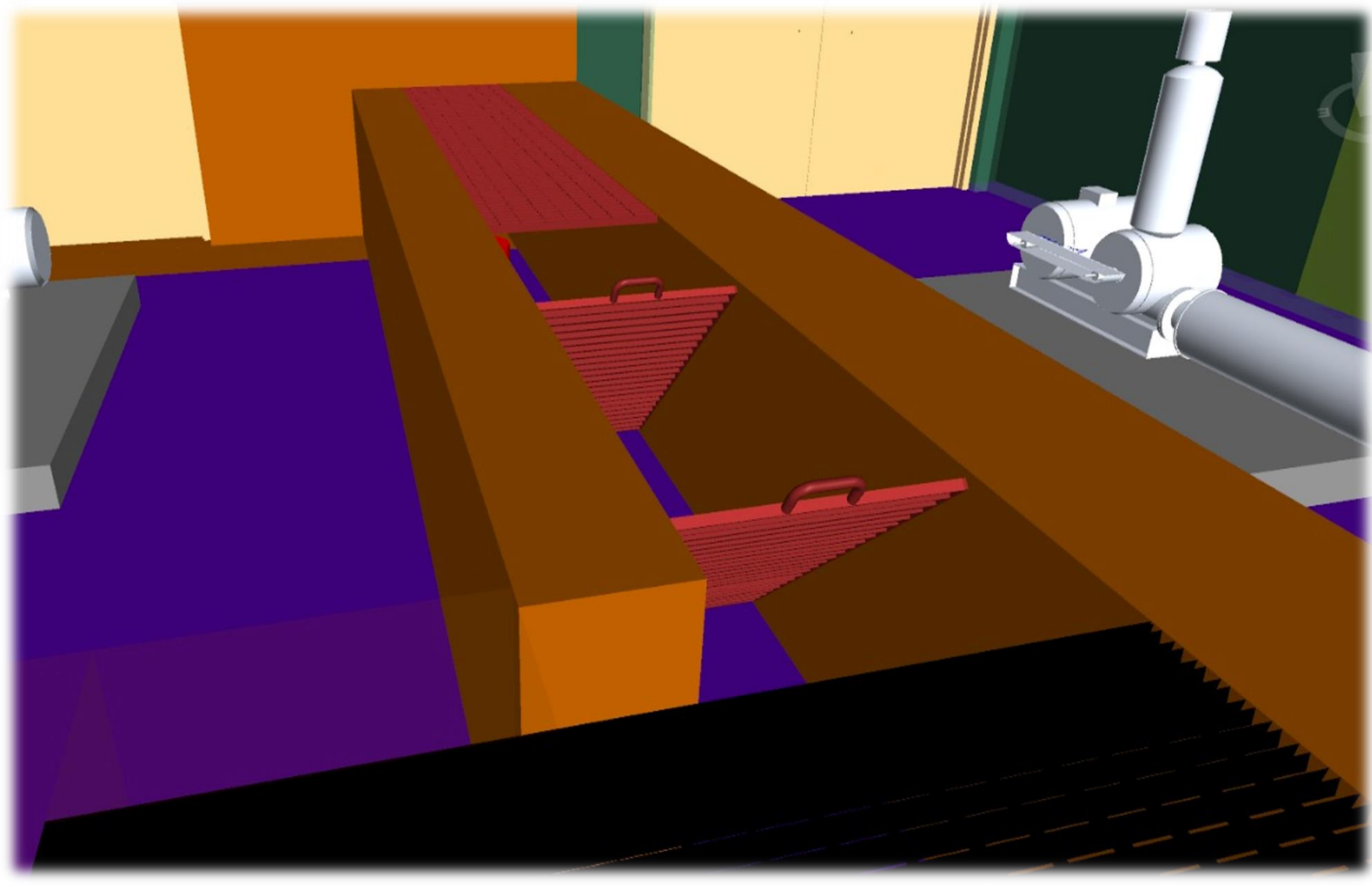
**Skid Mounted Equipment, Piping Design and Detail Engineering, with complete steel structure design, analysis & detailing**

**Standards - ASME, ASME BPE, & DIN, JIS, etc**

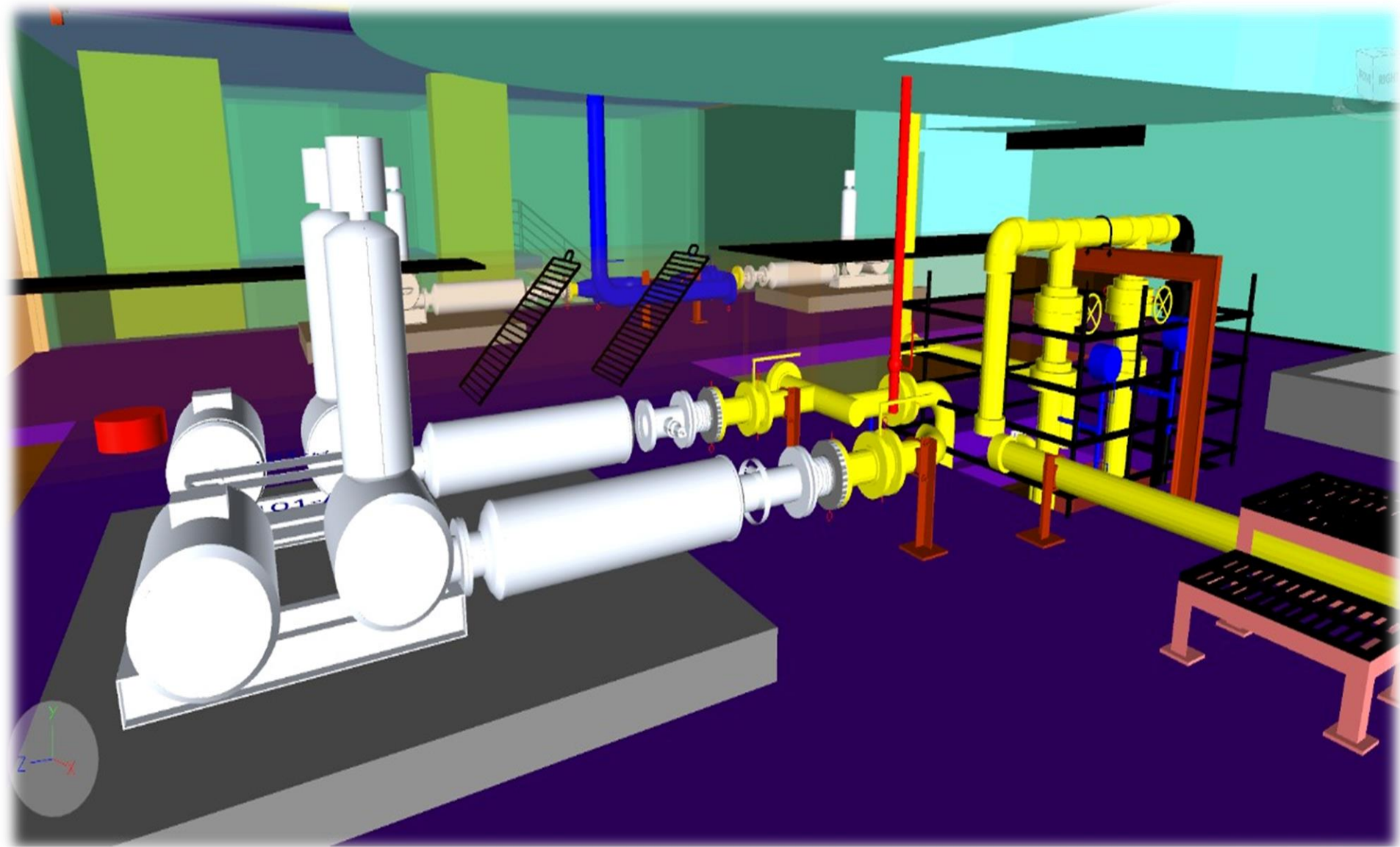
**Design and Detailing pressure vessels & storage vessels as per ASME sec.8, IS803, API 650**

**Plant piping design. Utility piping design Includes, AHU duct design & modelling, cable tray sizing & modelling, BOM**

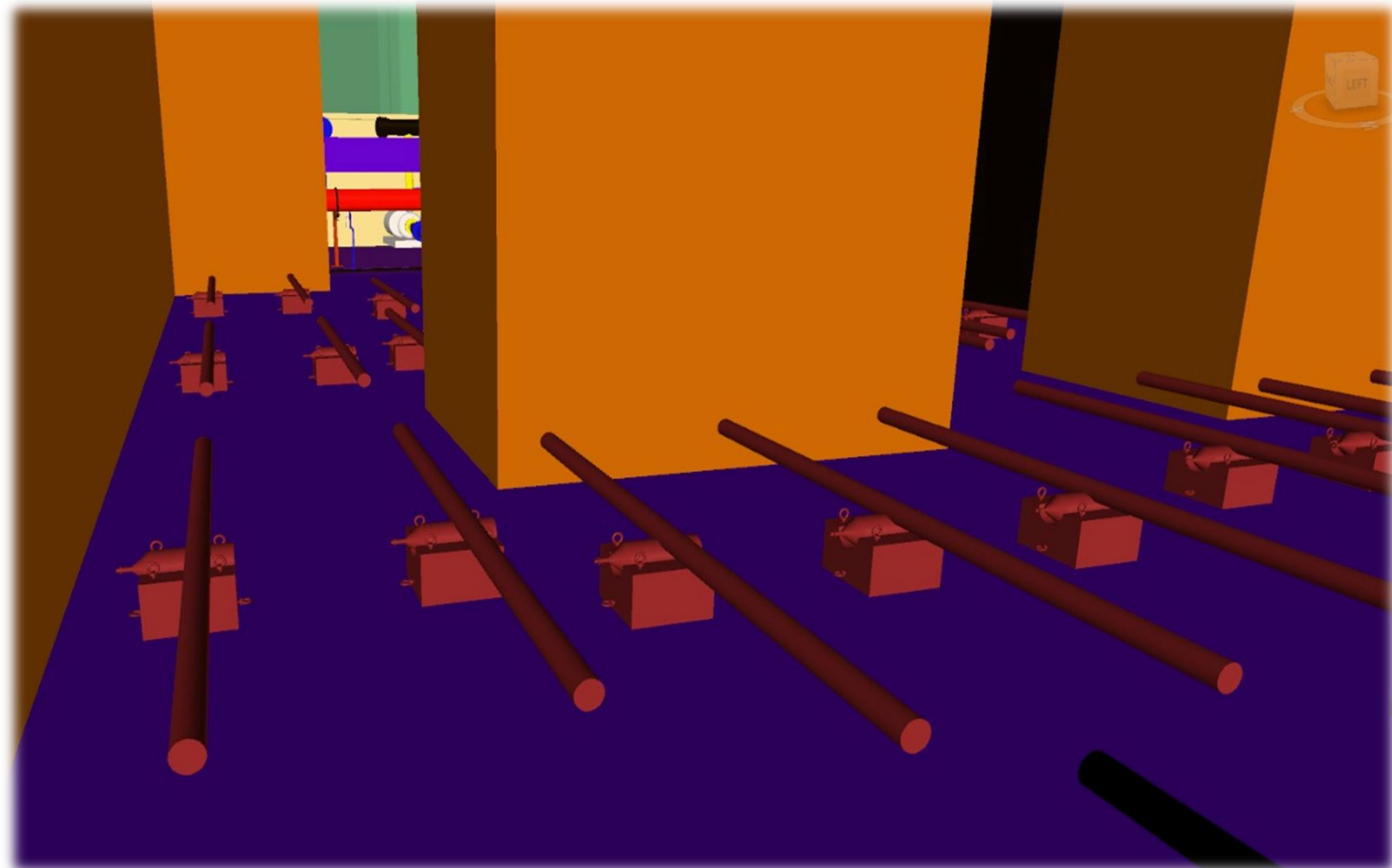
# Screen Chamber with Manual Screens



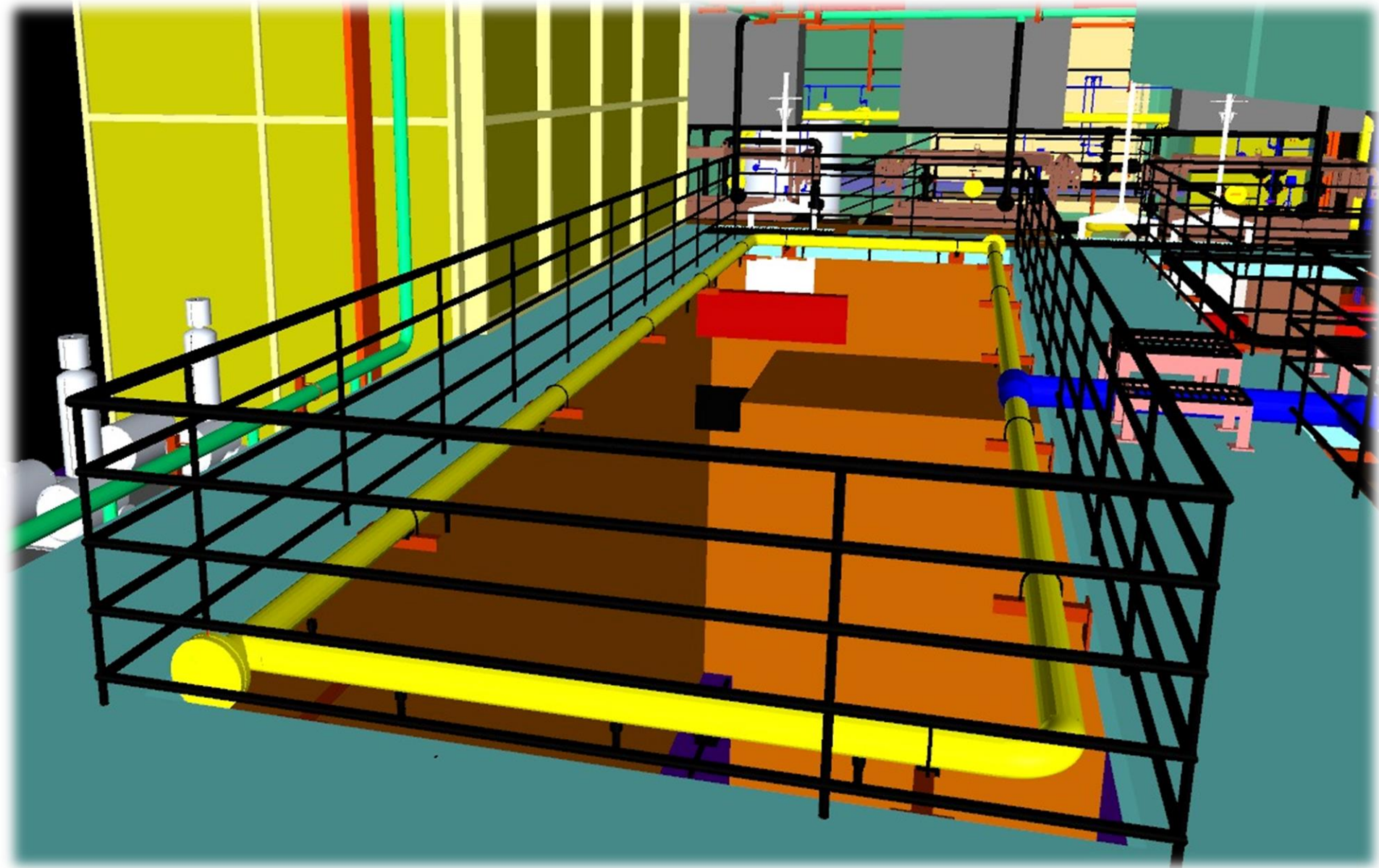
# Equalization (Equi) Tank Blowers Piping



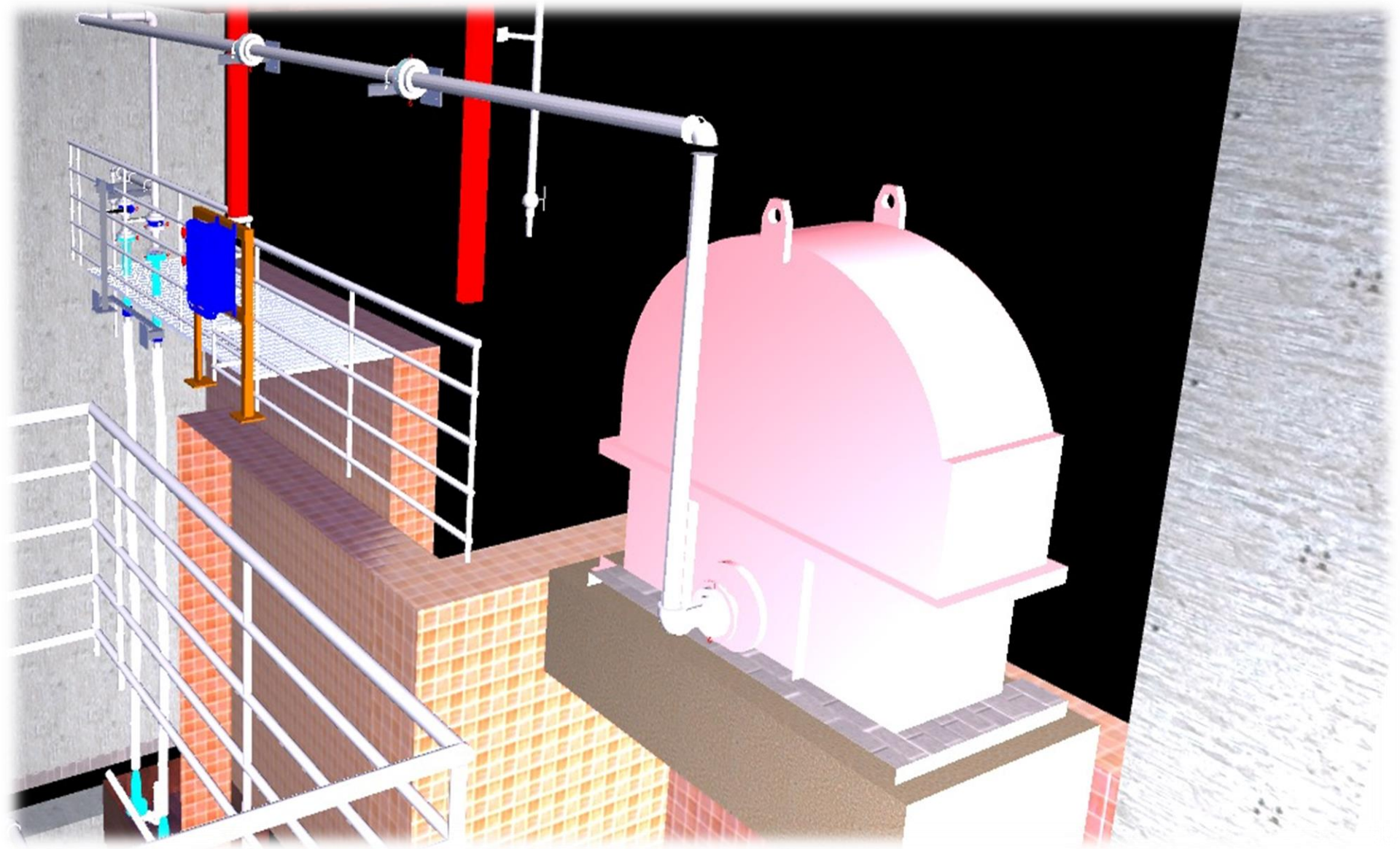
# Fixed Type Diffuser Inside Aération Tank



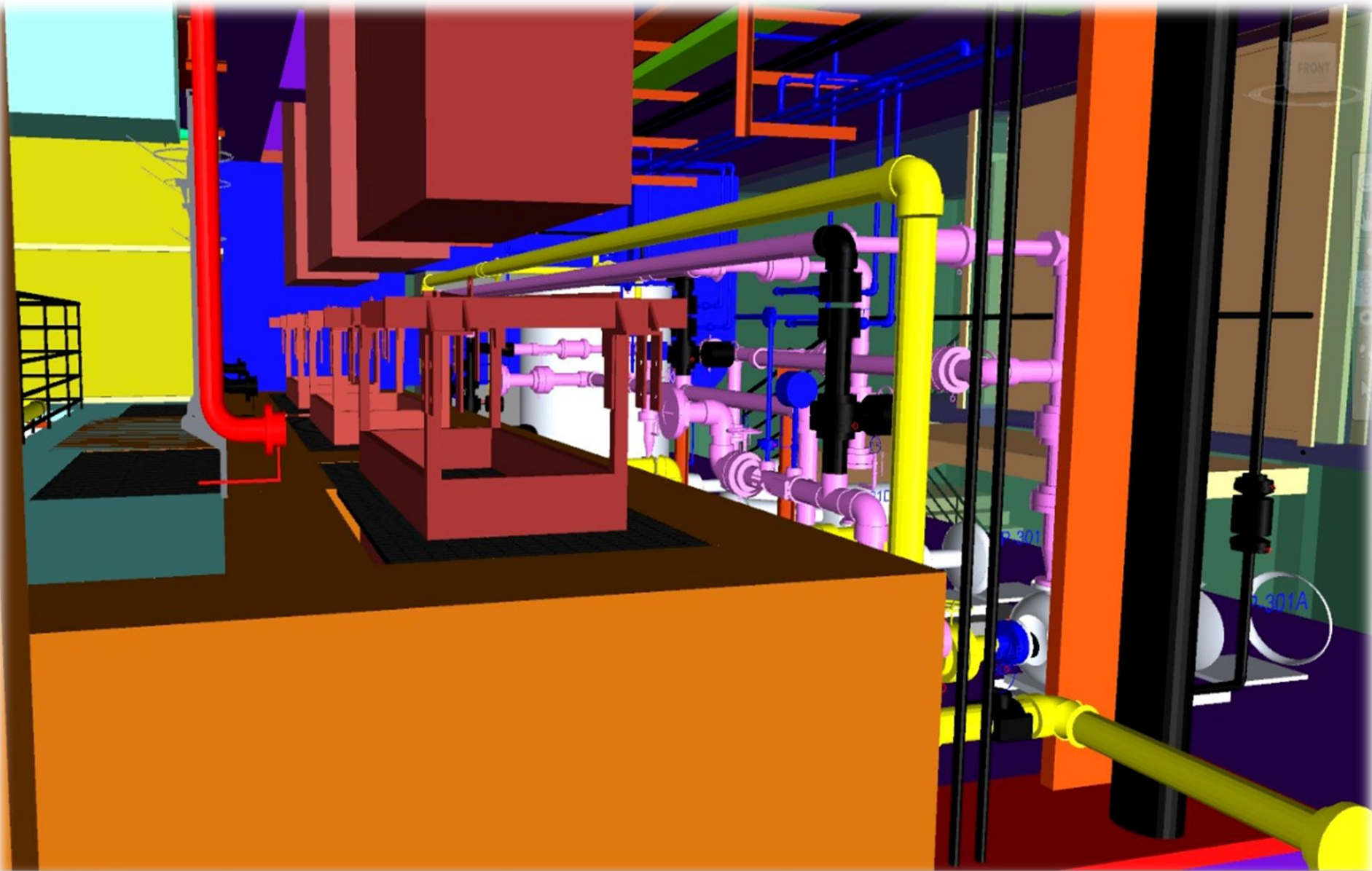
# Aeration Tank Diffuser Piping



# Drum Screens

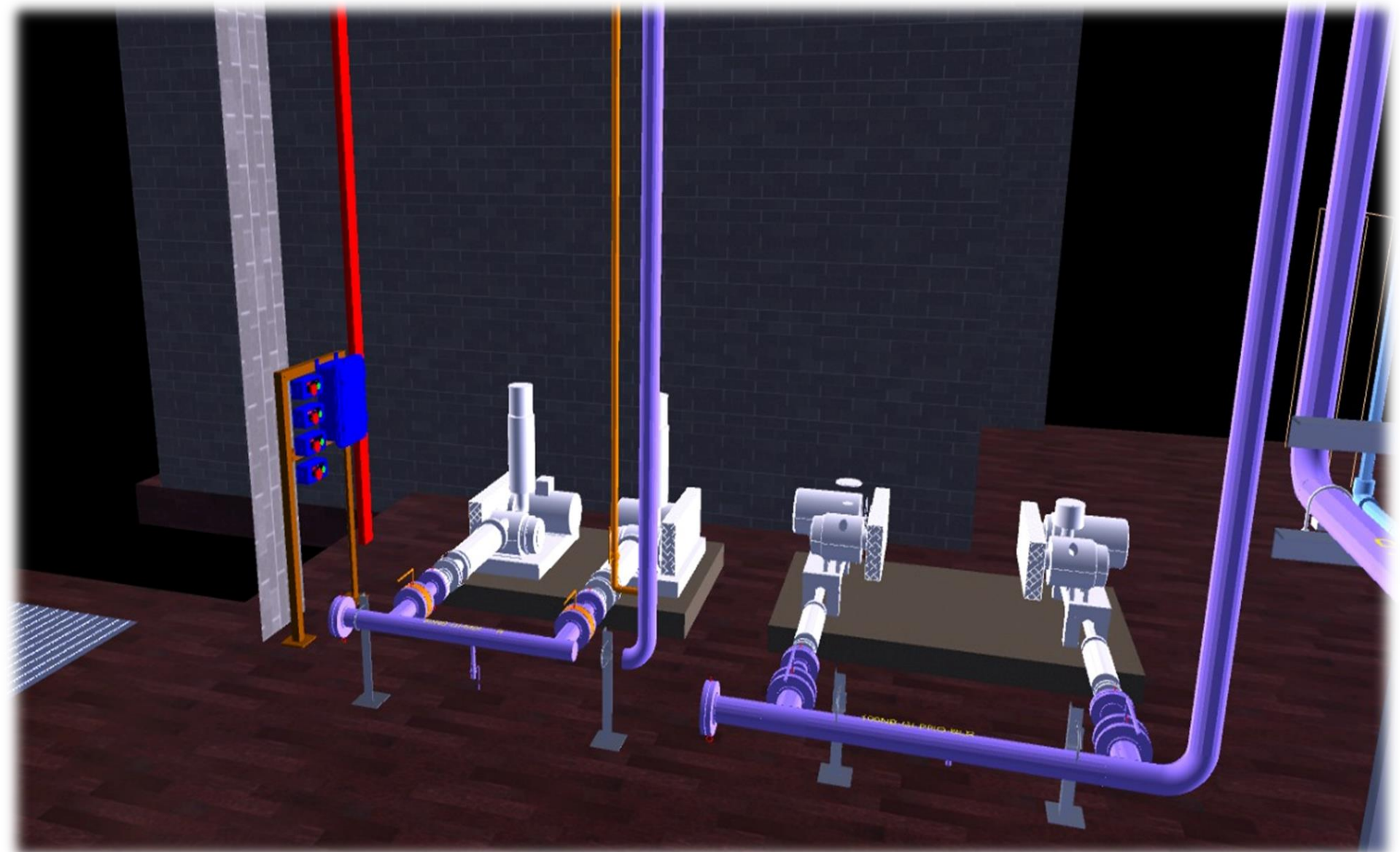


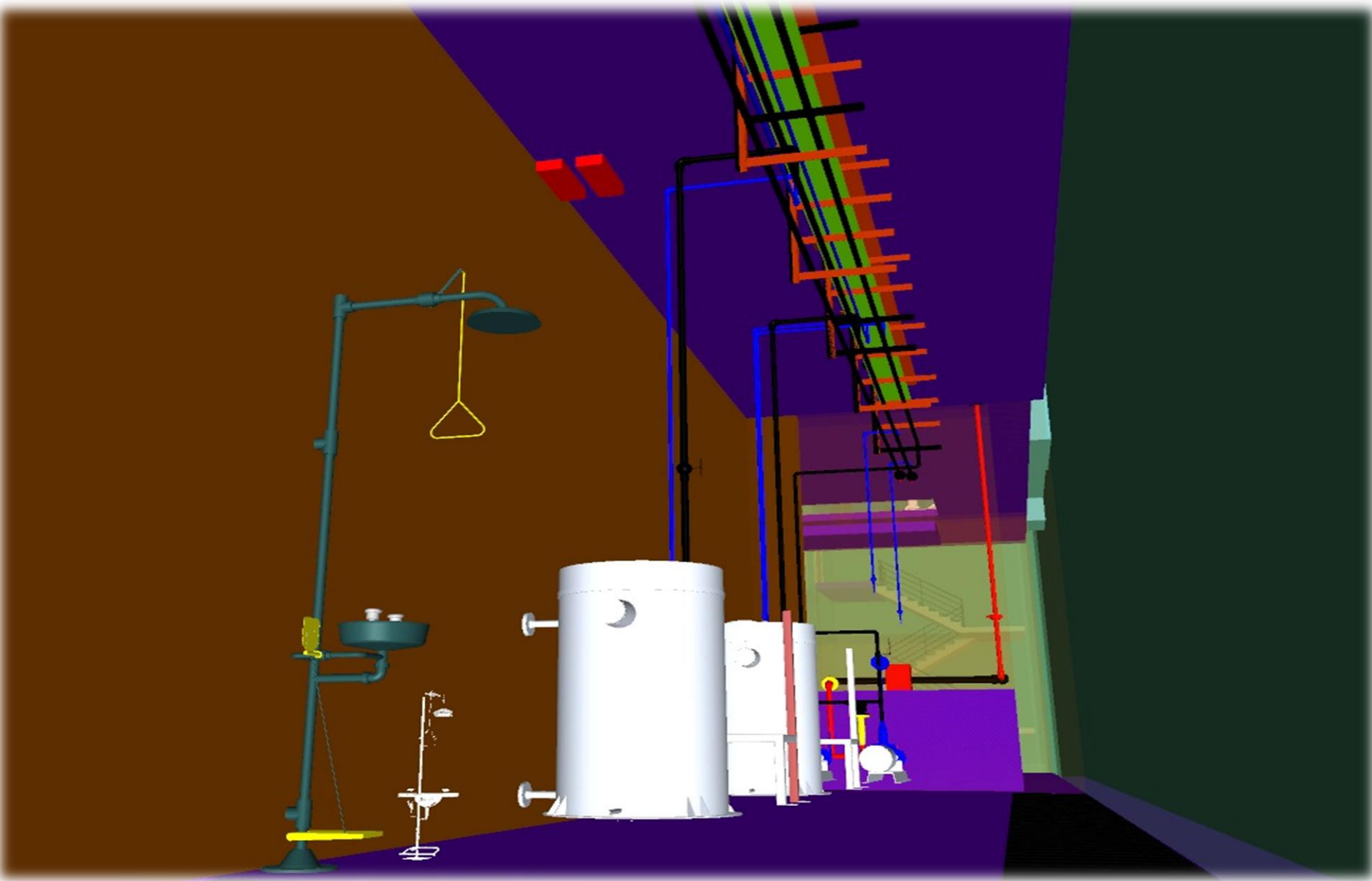
# MBR Tanks With MBR Cassettes



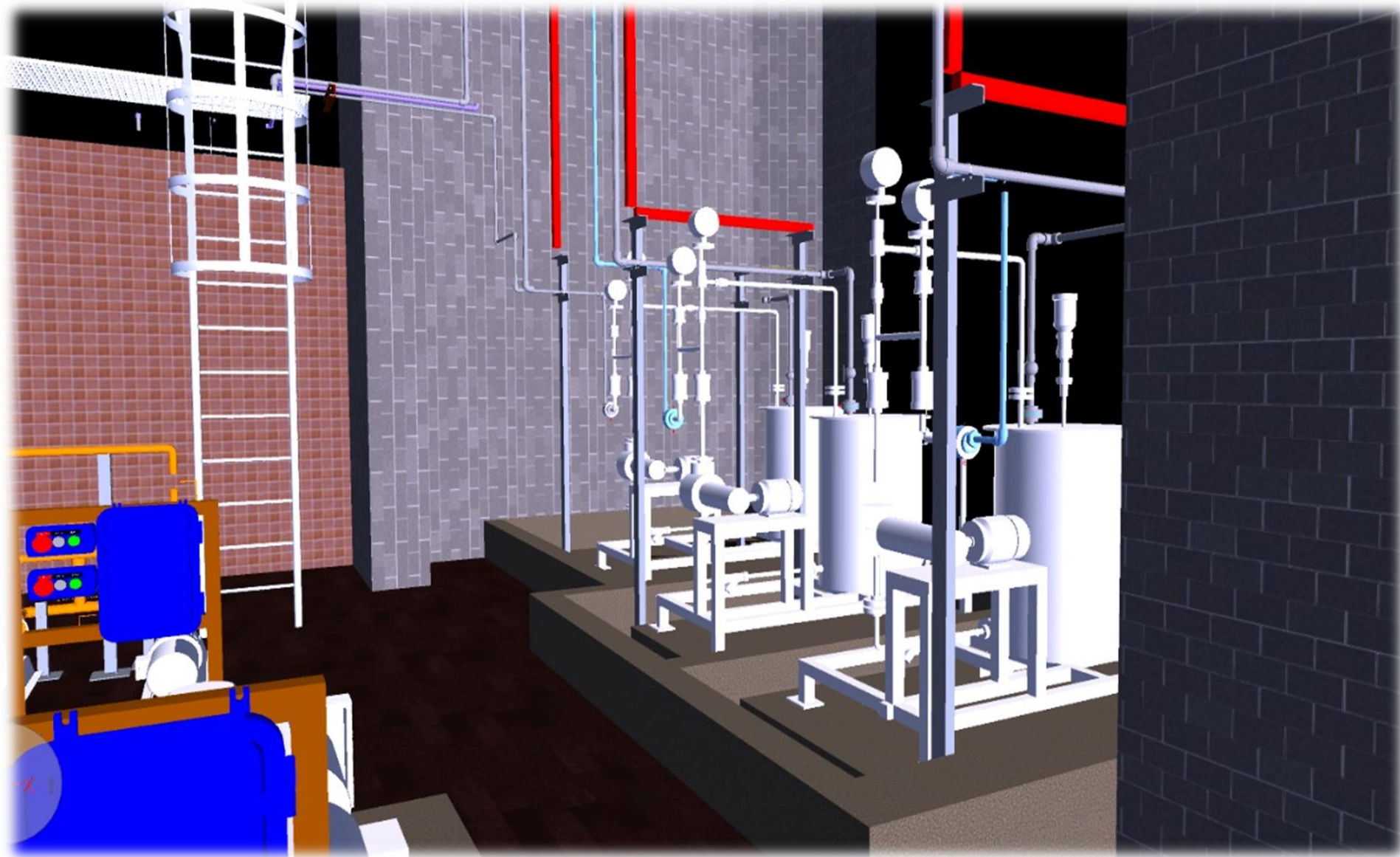


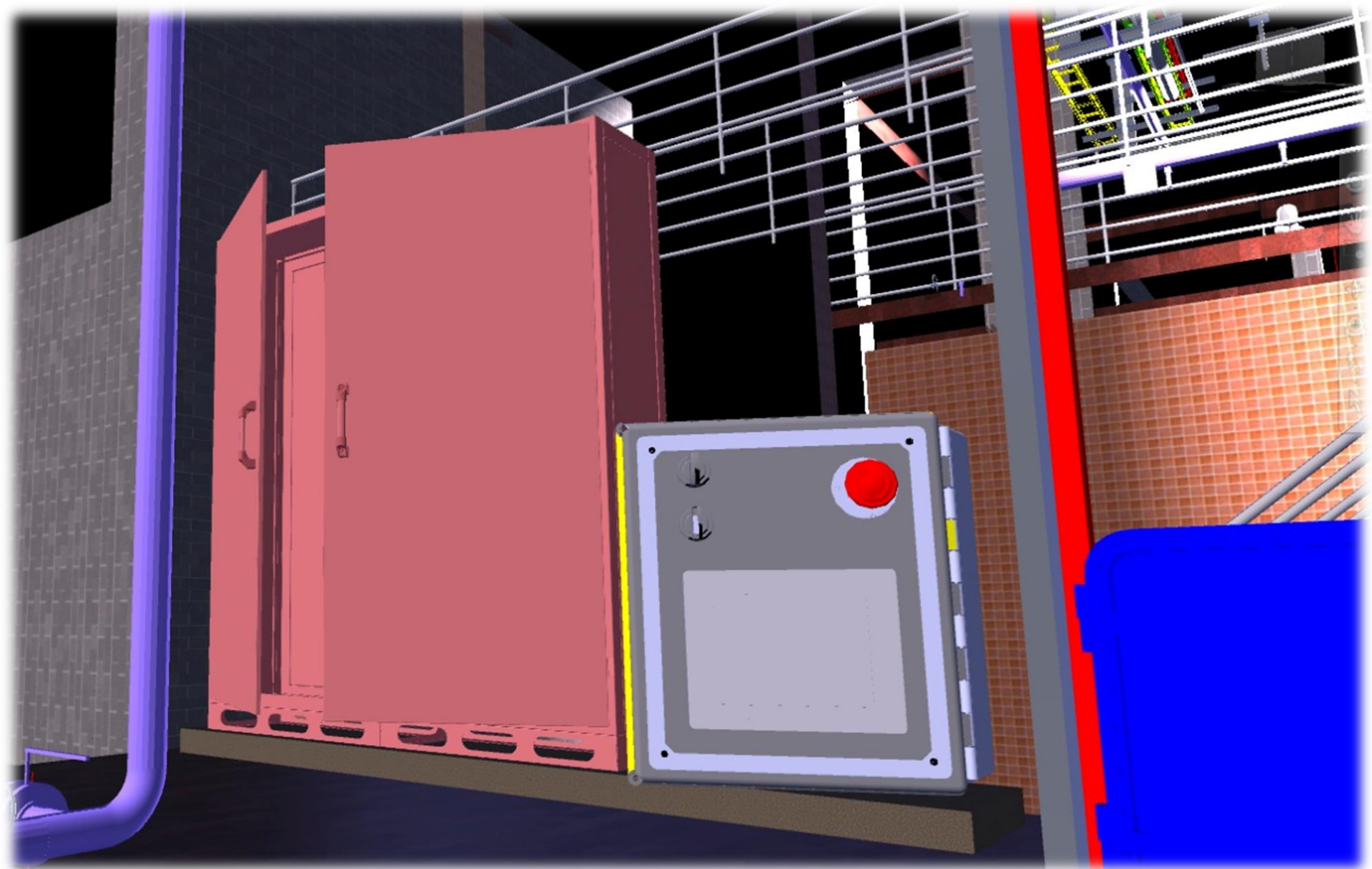
# Process Blowers with Local Control Panels



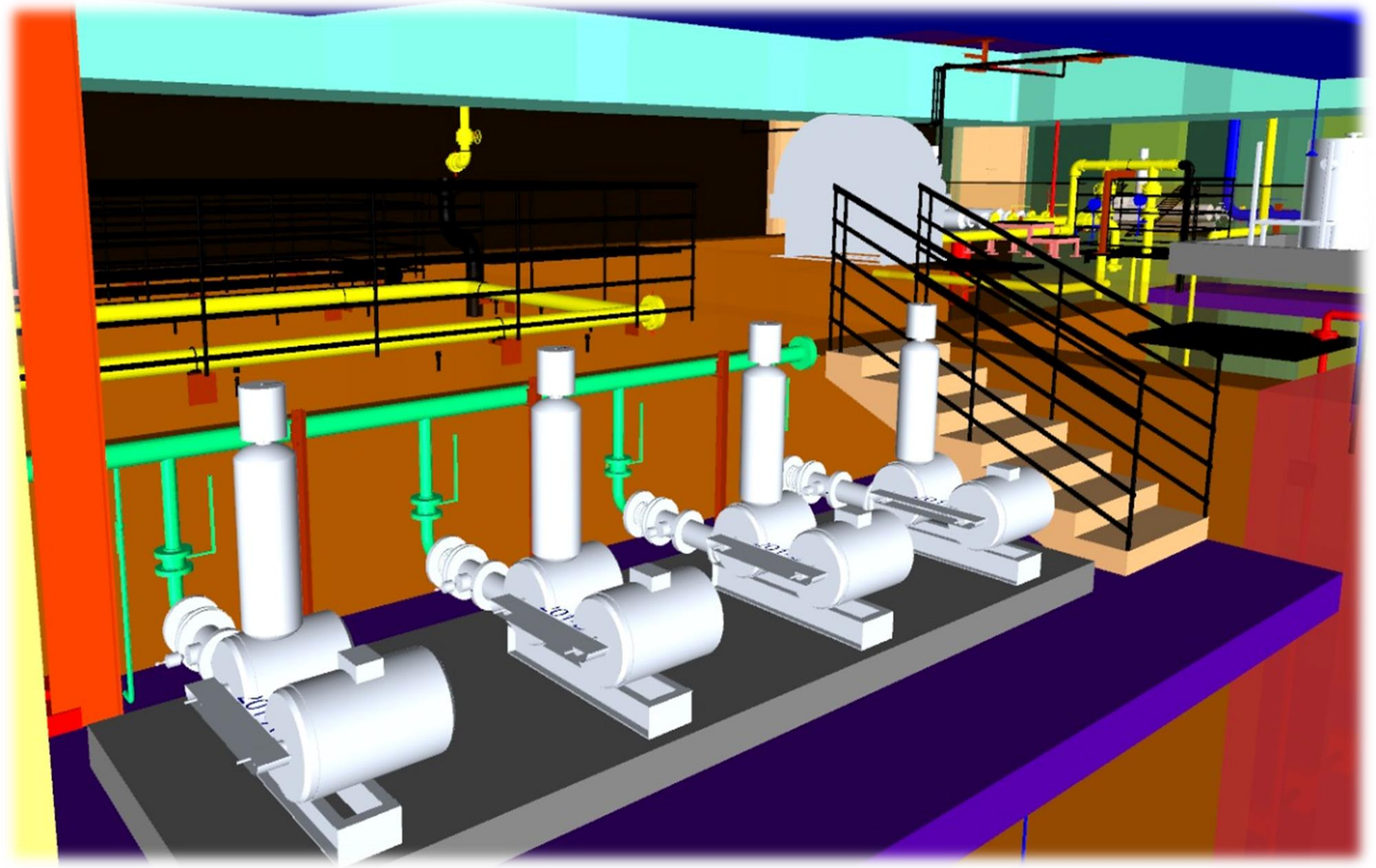


# Chemical Dosing Area With Eye Wash

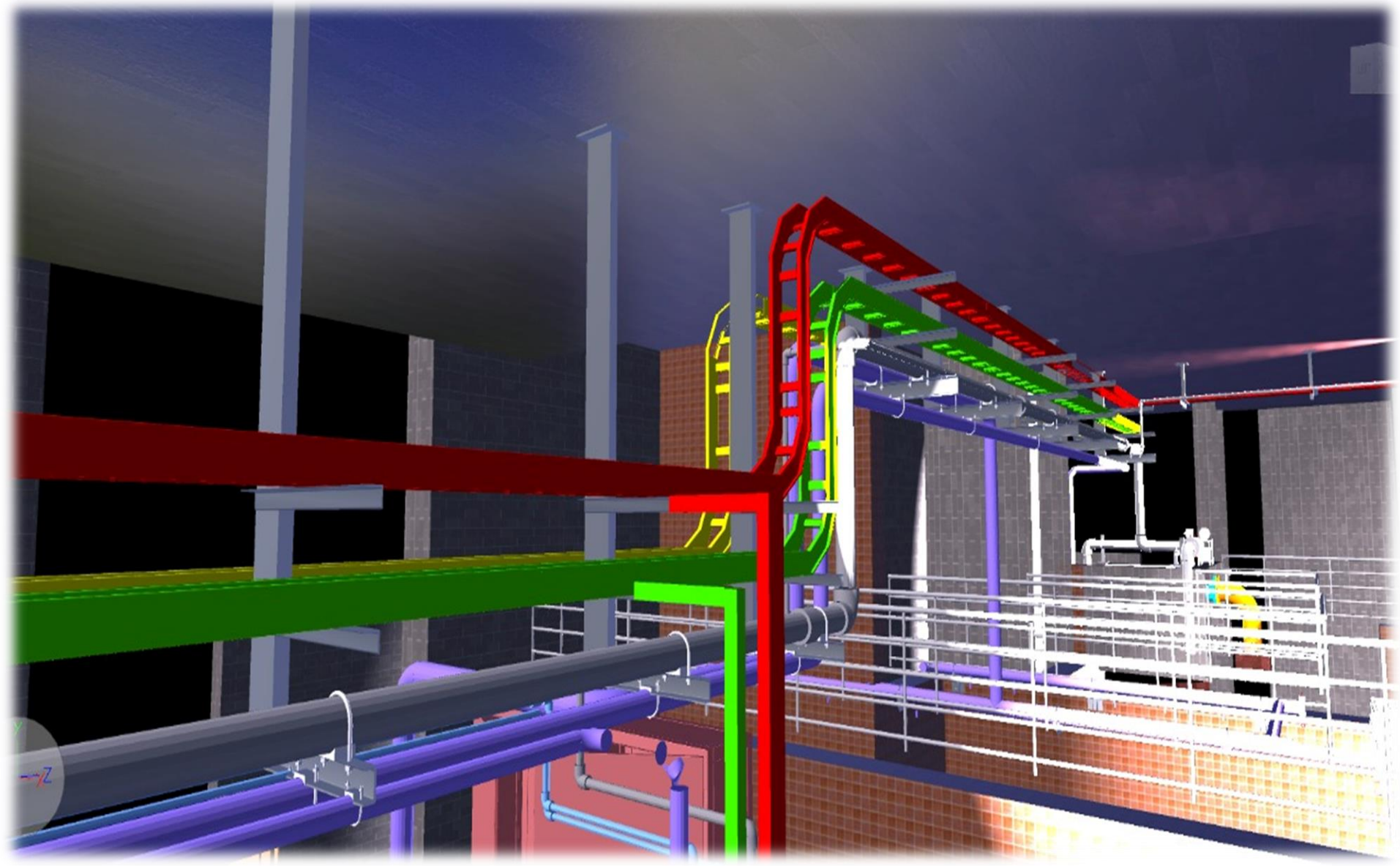




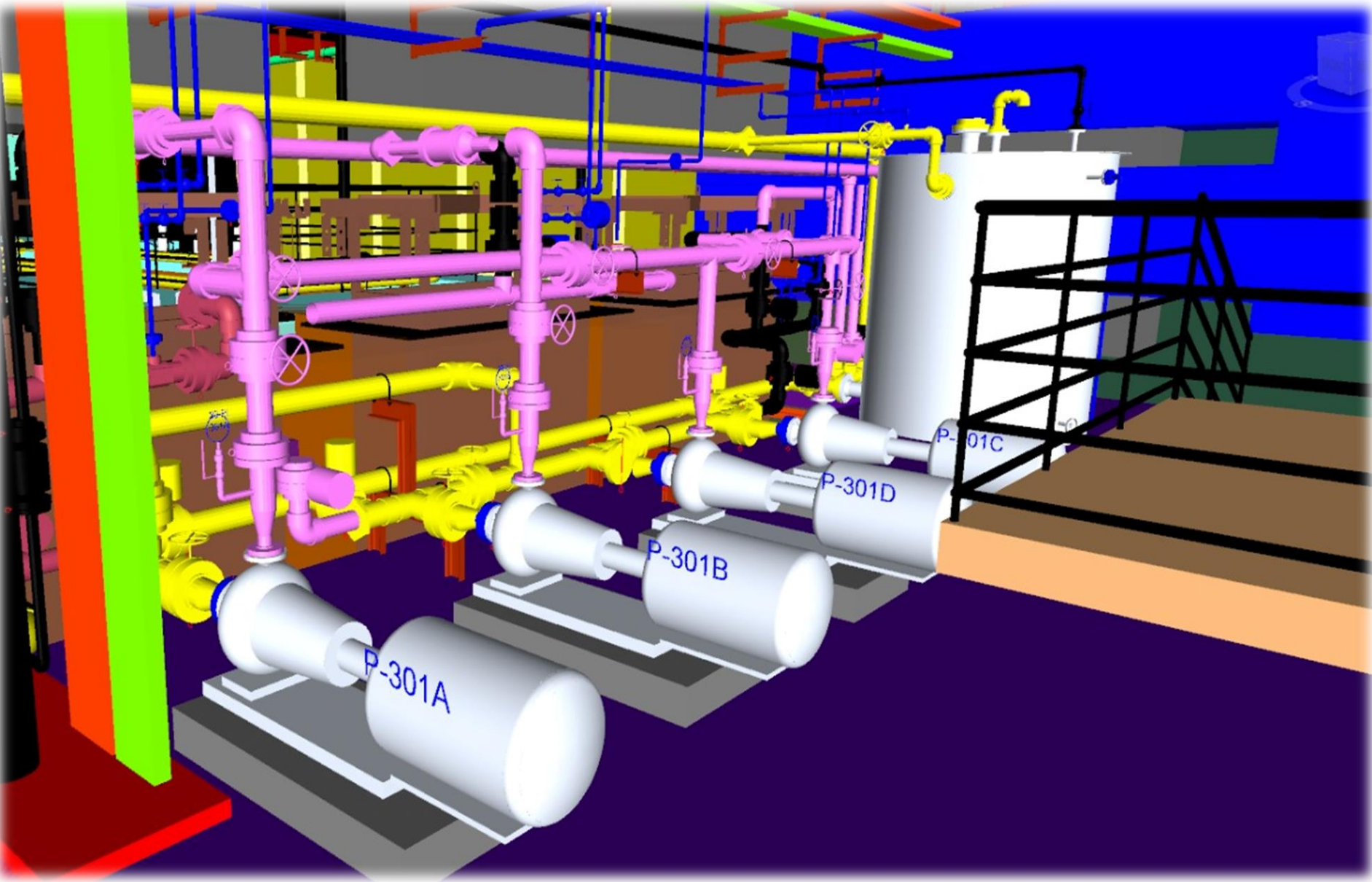
# Membrane Blowers with Piping

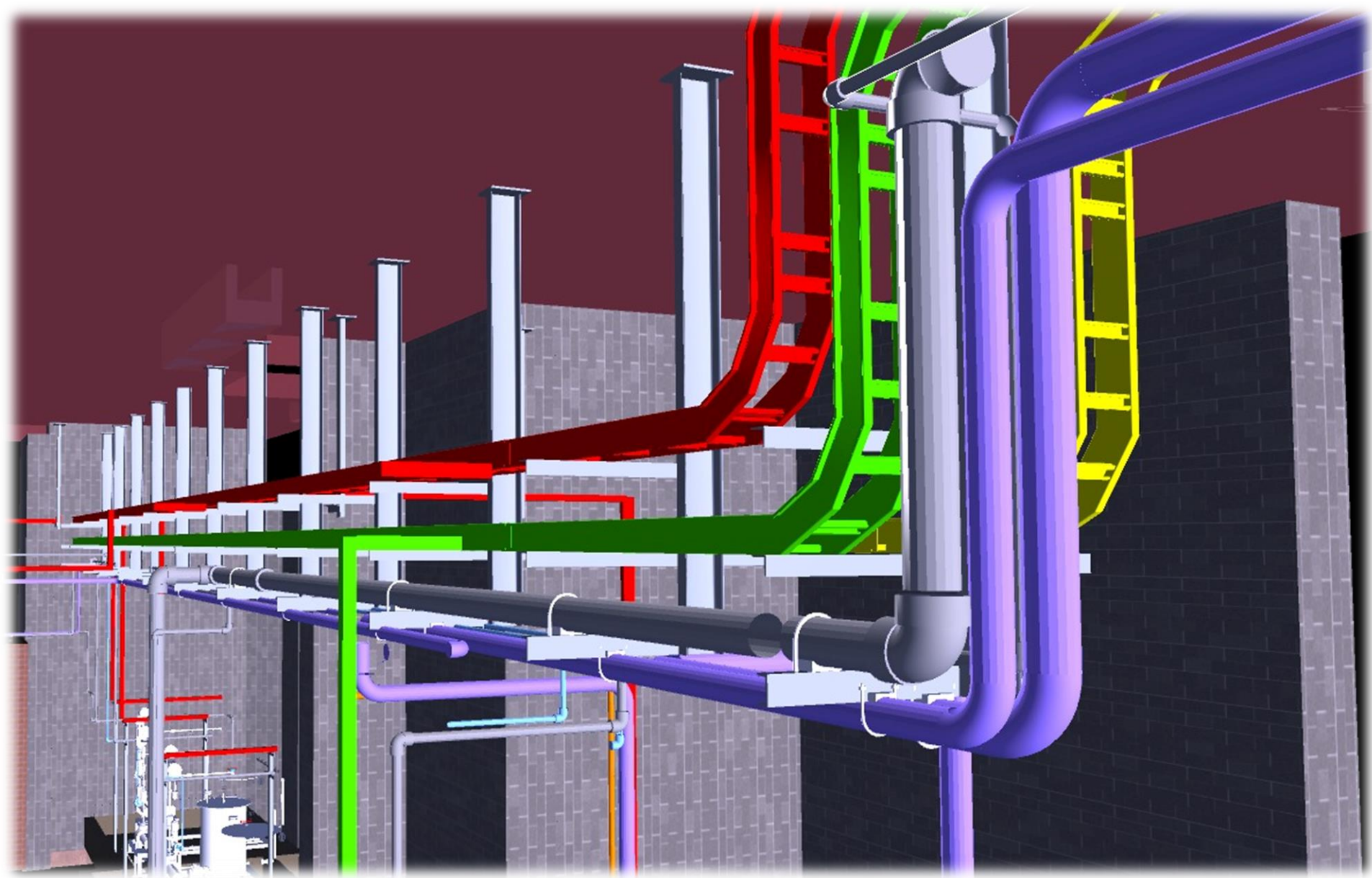


# Pipe Rack Arrangement with Cable Trays



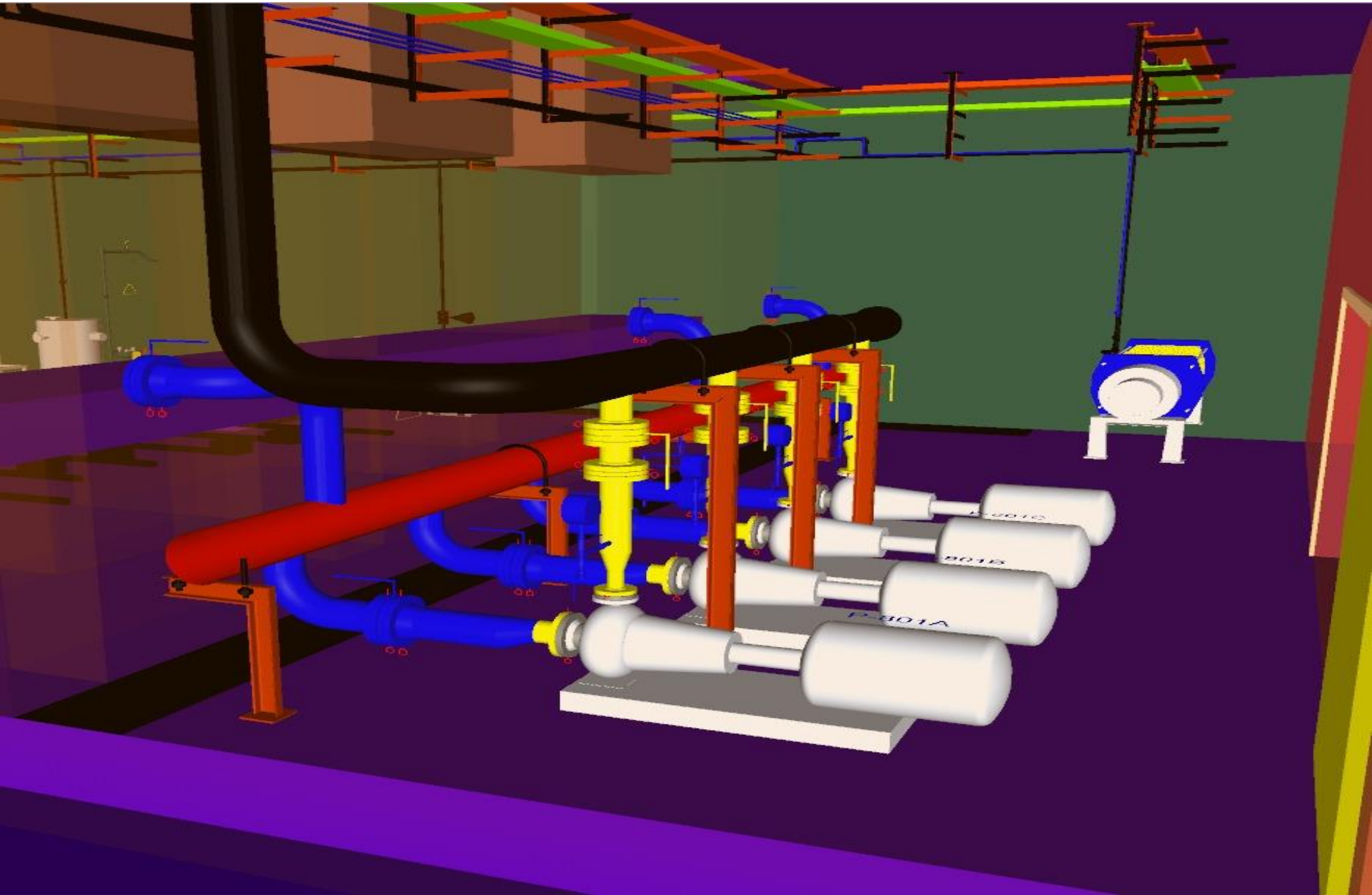
# Permeate Pumps, Tank & Piping







# RAS Pump Room





**engerio**  
We understand your world

Thank you