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Louisville Quality Control Laboratory Modified Conditional Use Permit Application

To Whom It May Concern:

This MCUP application is to build a new laboratory and office building at the Dow Chemical Louisville site. This building will replace the existing lab and perform the exact same functions as the current lab. The primary function of the lab and supporting office space is to conduct quality control of existing products made on site.

There will be three waste streams from the new building. 1) A chem-sewer which collects the drains from the lab and routes them to the plant Chemical Treatment plant. 2) A sanitary sewer which collects the restroom and sink drains and routes them to an existing adjacent septic tank. 3) A storm water drain which collects the ambient atmosphere moisture from the roof gutter system and the HVAC condensate lines and routes them to the plant's storm water system. The power feed for the lab will come from an existing plant MCC. Potable water will come from an existing city-supplied water line. Fire water will come from an existing plant fire water main header. Approximately 50% of the new building area will be for the laboratory space.

The project is being driven by OSHA requirements:

1. OSHA standard 1910.141(c)(1)(i) - provide access to readily accessible toilet facilities.
2. OSHA standard 1910.1450 App A - Prudent Practices in the Laboratory: Handling and Management of Chemical

Thank you for your time and consideration.

Jordan Heil – Dow Chemical Project Engineer

(502) 732-2106

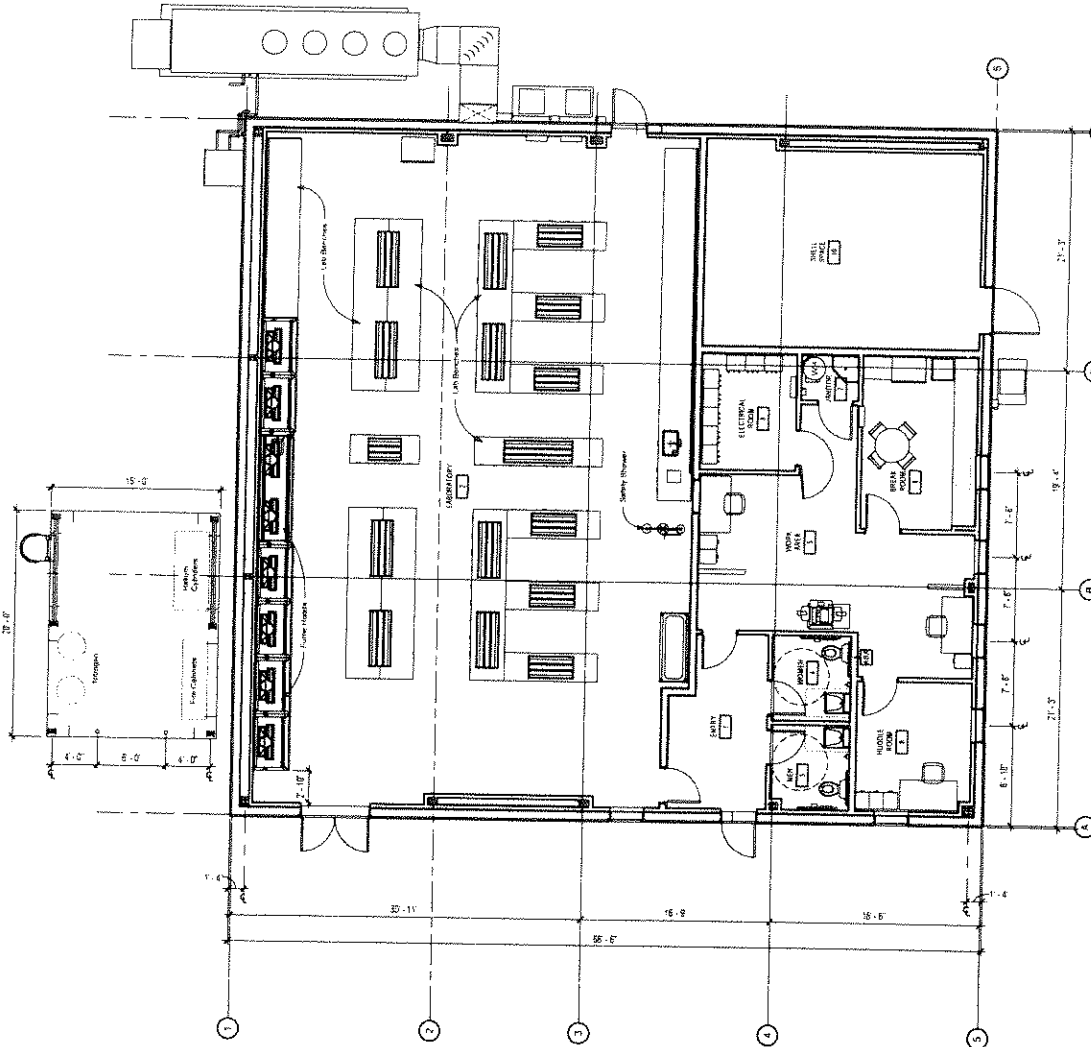
jdheil@dow.com

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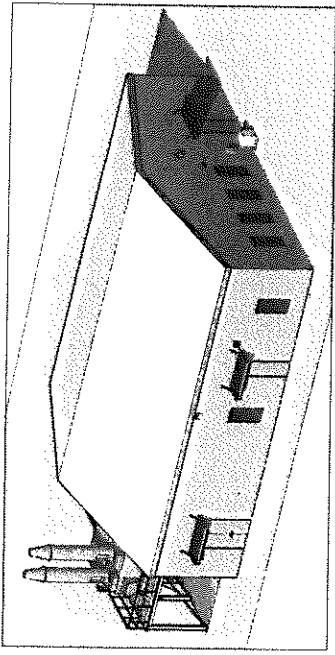
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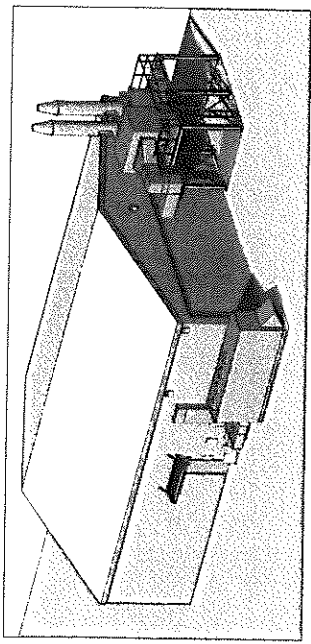
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ROHM and HAAS ARCHITECTURAL NEW QC LAB B-174 FIRST FLOOR PLAN 3/18/77 A181																					



3D view (SW corner) - Looking North-East



3D view (NE corner) - Looking South-West

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