Provide a laboratory with the following:

1. A 1'x1' shelf at 36" above the regular countertop.

2. A double compartment stainless steel sink, with each compartment a minimum of 16" x 14" x 10" deep. Provide water supply lines made of copper or plastic and a diameter of 3/4" inch.

3. An exhaust fan capable of removing inside air at a rate of 400 CFM.

4. Fresh air vent hinged to open or close manually.

5. A 24" x 48" table capable of holding a 200 lb masonry saw with a minimum clearance of 36" above the table.

6. A water supply tank with a capacity of 500 gallons and a 20 gallon capacity pressure tank on the pump.

7. Heavy duty type locks, latches, and hinges for doors made to withstand the intense use in service.

8. A wall between the office and the work area properly insulated to prevent the transmission of heat and noise.

9. The steel cable tie downs and ground anchors at each corner of the lab.

10. Electrical service entrance wired for 100 amps and separate circuits for air conditioners. Space convenience outlets in counter areas a minimum of four feet apart.

Provide a 400 CFM fan for aeration and an 8,000 BTU air conditioner. Under the drawers, provide a solid door. All counters are 36" high, with a minimum of 24" deep, and open underneath.

A 14,000 BTU air conditioner is provided for the partition ceiling and counter to section A-A. Under the drawers, provide a solid door.

A 28" door is provided for access to the furnace and closet. A 29" door is provided for access to the desk and cabinet.

Electrical receptacles are provided at 12' 3" intervals. A minimum of four feet apart.

A 10' electrical service entrance is provided. A 100 amp service is wired with separate circuits for air conditioners. Space convenience outlets in counter areas a minimum of four feet apart.