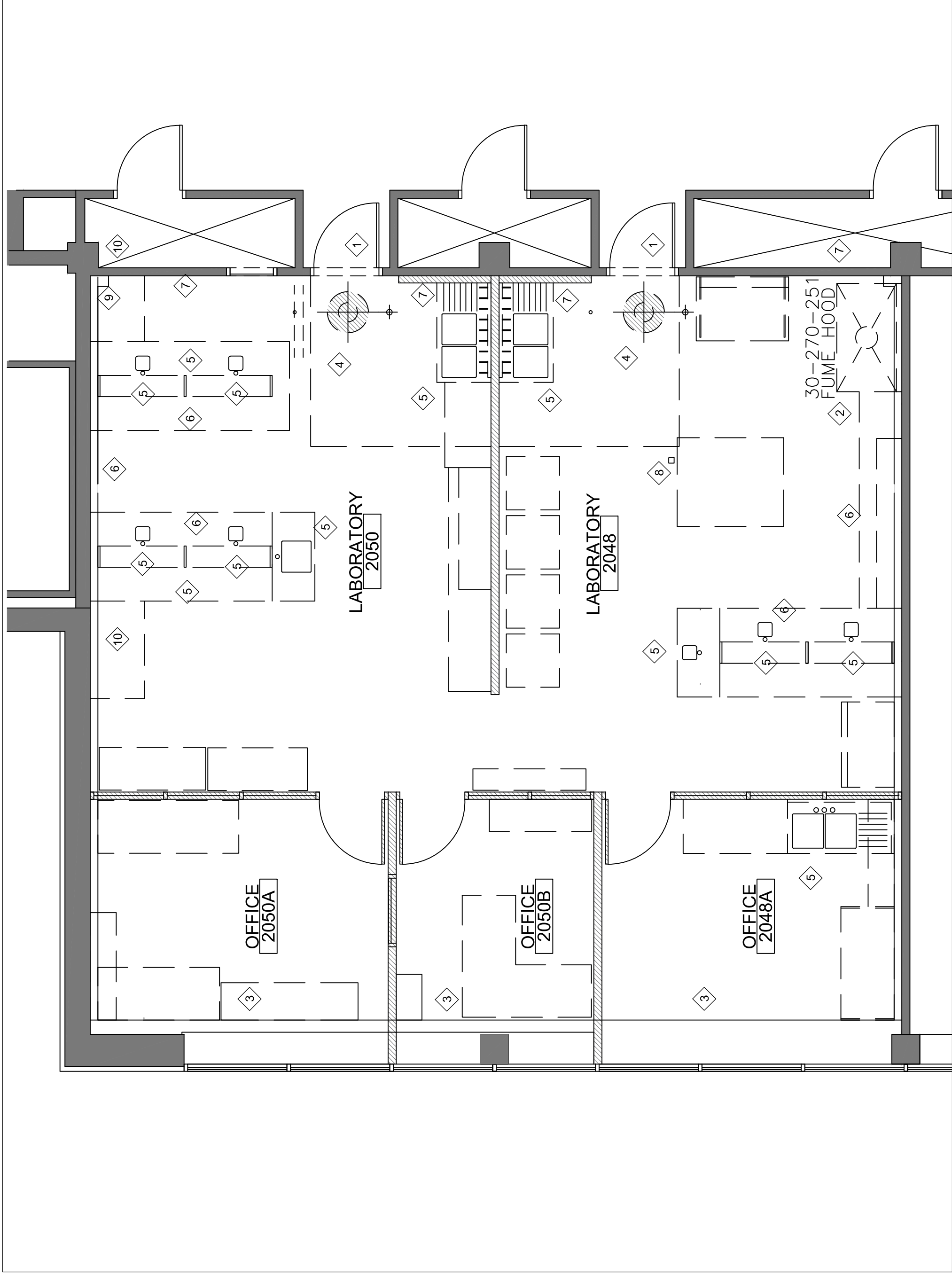


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SHEET TITLE:	AS INDICATED
MECHANICAL,	11-24-2017
ELECTRICAL,	DOIT
PLUMBING	DOIGOR
DEMOLITION PLAN	
SCALE:	
DATE:	
DRAWN:	
CHECKED:	
PROJECT:	74019668
SHEET NO.	



## GENERAL NOTES

- A. CONTRACTOR TO FIELD VERIFY DIMENSIONS AND LOCATION OF ALL EXISTING MECHANICAL, PLUMBING, ELECTRICAL AND MISCELLANEOUS FIXTURES TO BE DEMOLISHED OR RELOCATED BEFORE RENOVATION WORK BEGINS.
- B. CONTRACTOR TO MAKE GOOD ALL WALLS, FLOOR AND CEILING AFTER DEMOLITION IS COMPLETE. ALL SURFACES AND SERVICES SHALL BE MADE SUITABLE FOR SUBSEQUENT WORK AS DETAILLED BY THE DRAWING PACKAGE AND FOR CODE COMPLIANCE.
- C. DIMENSIONS ARE TO FACE OF FINISHED MATERIALS, UNLESS OTHERWISE NOTED.
- D. CONTRACTOR TO ENSURE TEMPORARY LIGHT IS SETUP DURING CONSTRUCTION AND DEMOLITION.
- E. ANY PENETRATION TO THE FINISHING WALLS ARE TO BE FILLED, FIRE RATED, PLUMBING MATERIAL IS REQUIRED FOR SERVICES SHAF T PENETRATIONS. ANY REPAIRS TO MEET ILC REQUIREMENTS FOR THE PARTITION RATING.
- F. REMOVE ALL LIGHT FIXTURES AND SWITCHES FROM THE CEILING SPACE. ALL REMAINING WIRES ARE TO BE RELEASED AND NOT BE NEAREST EXISTING, EXISTING SYSTEM WIRING IS DAI SY CHAINED AND MUST BE DECOMMISSIONED.
- G. REMOVE ALL RECEPTACLES, WIRES AND JUNCTION BOXES. ALL REMAINING WIRES TO BE RELEASED MUST BE NEAREST JUNCTION.
- H. REMOVE ALL DATA AND PHONE JACKS. CABLES CAN REMAIN ONLY IF THEY ARE LONG ENOUGH TO REACH THE NEW LOCATIONS, AND MEET THE REQUIREMENTS OF THE PROJECT.
- I. PANEL BOARDS TO BE DECOMMISSIONED AFTER HOURS. SHUTDOWN OF ELECTRICAL SYSTEMS MUST BE SCHEDULED FOR 24 HOURS TO REMOVAL OF PANELS. ALL ELECTRICAL WORK TO BE SCHEDULED FOR BEFORE THE AFTERNOON. PANELS SERVING THE RENOVATED AREA, PANELS 2048 AND 2050 ARE TO BE REMOVED AND REPLACED, AND PANEL L'2032A IS TO REMAIN.
- J. FOR ALL SERVICES DESCRIBED ON THIS PAGE, COORDINATE ALL TIE-INS WITH DEPARTMENTAL REPRESENTATIVE (AA7C) AND ALLOW FOR WORK TO BE COMPLETED DURING OFF HOURS IF SERVICE ISOLATION IS REQUIRED. PROVIDE ALL REQUIRED SHUT OFF VALVES FOR PIPING SERVICE BRANCH LINES.
- K. CONTRACTOR TO ENSURE THE EQUIPMENT LOCATED OUTSIDE OF RENOVATION AREA, BUT FED FROM THE PANELS SERVING LABS 2048 & 2050 HAVE AN APPROPRIATE PLANNED SHUTDOWN THAT IS COORDINATED WITH DEPARTMENTAL REPRESENTATIVE (AA7C). THE EQUIPMENT LOCATED OUTSIDE OF RENOVATION AREA, THE WALK-IN COOLER AREA, LOCATED IN ROOM 2052.

## KEY NOTES

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|----|---|
| 1  | REMOVE ALL SUPPLY AIR DUCTWORK IN CEILING SPACE, INCLUDING OFF-USER BAYS TO THE CONNECTION TO THE REHEAT COIL. ENSURE AIRFLOW CONTROL DAMPER AND REHEAT COIL ARE PROTECTED DURING CONSTRUCTION AND ARE ACCEPTABLE FOR REUSE. REMOVE EXHAUST GRILLES AND DUCTWORK EXTENSION FOR FURNACE AND COMPONENTS. REMOVE GRILLES AND DUCTWORK EXTENSION FOR CEILING PLenum GENERAL EXHAUST BACK TO AIRFLOW CONTROL DAMPER. PROTECT DAMPER DURING CONSTRUCTION AND ENSURE IT IS SUITABLE FOR REUSE. |
| 2  | REMOVE FUME HOOD DUCTWORK BACK TO 300MM FROM PIPE CHASE. FUME HOOD TO BE RELOCATED AND RETURNED IN POSITION SHOWN ON M-101. ENSURE EXHAUST FAN IS SHUT DOWN AND TAGGED APPROPRIATELY IN THE PENHOUSE DURING RELLOCATION. REMOVE EXHAUST PIPING FROM PENHOUSE TO EXHAUST FAN. ENSURE EXHAUST FAN CONDITION FOR REUSE. REMOVE WATER GAS, VAC. AIR AND DRAINAGE SERVICES TO FUMEHOOD FOR CHASE. ISOLATE WITH SHUTOFF VALVE AND CAP.  |
| 3  | EXISTING STEAM FIN TUBE RADIATORS, LOW PRESSURE STEAM AND CONDENSATE PIPING, AND CONTROL VALVES TO REMAIN AS INSTALLED. CONTROL'S WIRING/TUBING SERVING STEAM CONTROL VALVES TO BE RE-WIRED TO CORRESPONDING THERMOSTATS AS SHOWN ON M-301. ENSURE RADIATOR, PIPING AND ALL CONTROLS ARE IN GOOD WORKING ORDER. THIS IS SUITABLE FOR REUSE DURING CONSTRUCTION OF NEW ENCLOSURE.  |
| 4  | REMOVE CEILING MOUNTED EMERGENCY SHOWERS, NORTH SHOWER TO BE REUSED. REMOVE REFERENCED EXHAUST PIPING FOR FUME HOOD EXHAUST BACK TO FUMEHOOD EXHAUST. ISOLATE WITH SHUTOFF VALVE AND CAP. REMOVE EXHAUST PIPING FOR SUPPLY PIPING FOR NEW POSITION OF NORTH SHOWER. REFER TO P-101. ISOLATE AND CAP WHILE NOT IN USE.   |
| 5  | EXISTING PLUMBING FIXTURES TO BE REMOVED. REMOVE WASTE, VENT, AND SUPPLY PIPING THROUGH CORRIDOR, WALL CHASE, AND BACK TO MAIN PIPING RISER CHASES ADJACENT TO CORRIDOR. ISOLATE WITH SHUTOFF VALVE AND CAP ALL WASTE, VENTS AND SUPPLY PIPING IN CHASE AND PROTECT FOR REUSE IF REQUIRED AND IF IN ACCEPTABLE CONDITION, REFER TO P-101.   |
| 6  | AIR GASES AND SPECIALTY WATER (VACUUM, COMPRESSED AIR, NATURAL GAS, RO WATER IN WATER AND OTHER CAUTIONARY SERVICES) SPIGOTS AND PIPING TO BE REMOVED. REMOVE EXHAUST PIPING FROM CORRIDOR TO MAIN PIPING RISER WALL CHASE, AND THROUGH WALL CHASE BACK TO MAIN PIPING RISER CHASE. ISOLATE AND CAP ALL SERVICES IN CHASE, AND PROTECT FOR REUSE IF REQUIRED AND PIPING IS IN ACCEPTABLE CONDITION, REFER TO P-101.   |
| 7  | REPAIR AND SEAL ANY REMOVED SERVICE PENETRATIONS THROUGH FIRE SEPARATION AT PIPE CHASES ALONG CENTER CORRIDOR. ANY REPAIRS TO MEET ULC REQUIREMENTS FOR THE PARTITION RATING.   |
| 8  | DISCONNECT AND REMOVE ELECTRICAL FEEDER BACK TO PANEL, SERVING VERTICAL SERVICE DROP.   |
| 9  | EXISTING COPPER PIPING PENETRATING INTO LAB SPACE ABOVE DECK HEIGHT, AND THROUGH SOUTH WALL, DISCONNECT AND RELOCATE PIPING TO PENETRATE THROUGH NEW LOWER CORNER CHASE.  |
| 10 | REMOVE EXISTING MAIN EXHAUST DUCT BACK TO CHASE. ANY EXHAUST EXHAUST FAN IN PENHOUSE IS SHUT DOWN AND LAGGED APPROPRIATELY. ENSURE HAZARDOUS MATERIALS STUDY IS REVIEWED AND PROCEDURES ARE FOLLOWED.   |

## LEGEND

- | EXISTING TO BE DEMOLISHED   | EXISTING TO REMAIN  |
|---|---|
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