GENERAL NOTES-PROJECT

* COORDINATE INSTALLATION OF PIPING, DUCTWORK, CONDUIT, LIGHTS, STRUCTURE, AND EQUIPMENT TO PREVENT CONFLICTS.

* THE CONTRACTOR SHALL BE FAMILIAR WITH ALL THE CONDITIONS BOTH EXISTING AND THOSE ILLUSTRATED BY THESE DOCUMENTS AS WELL AS THOSE WHICH CAN BE REASONABLY ANTICIPATED INCLUDING, BUT NOT LIMITED TO ARCHITECTURAL, ELECTRICAL, VENTILATION, PLUMBING, AND OTHER SYSTEMS INVOLVED ON THIS PROJECT.

* FINAL PRODUCT SHALL BE A COMPLETE AND FUNCTIONING SYSTEM, AND SHALL CONFORM TO ALL REQUIREMENTS OF APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING BUT NOT LIMITED TO THE INTERNATIONAL BUILDING CODE AND INTERNATIONAL MECHANICAL CODE.

* FIRE SEAL AROUND DUCT AND PIPING PENETRATIONS OF FIRE RATED WALLS. REFER TO SPECIFICATION.

* LOCATE DUCTWORK, PIPING AND MECHANICAL EQUIPMENT AWAY FROM THE SPACE ABOVE ELECTRICAL PANELS, TRANSFORMERS, AND OTHER ELECTRICAL EQUIPMENT.

* ADJUST PIPING AND DUCTWORK SIZES TO PROPERLY CONNECT TO MECHANICAL EQUIPMENT.

* PIPE SIZES SHOWN SHALL BE CONTINUED IN THE DIRECTION OF FLOW UNTIL ANOTHER SIZE IS SHOWN.

* FOR DETAILS, EQUIPMENT CONNECTIONS, AND PIPE SIZES NOT SHOWN ON THE SEGMENTS, REFER TO DETAILS, SCHEDULES, AND SPECIFICATIONS.

* INSTALL ALL EQUIPMENT IN ACCORDANCE WITH THE RESPECTIVE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS, AT A LEVEL OF QUALITY AND WORKMANSHIP CONSISTENT WITH THE SPECIFICATIONS.

* LOCATIONS OF PIPING, DUCTWORK AND EQUIPMENT AS INDICATED ON THE DRAWING, ARE APPROXIMATE AND SUBJECT TO MINOR ADJUSTMENTS IN THE FIELD. WORK SHALL BE COORDINATED WITH ALL OTHER TRADES TO AVOID INTERFERENCE IN THE FIELD.

* INSTALL EXPOSED PIPING AND DUCTWORK AS HIGH AS PRACTICAL IN ROOMS WITHOUT CEILINGS.

* REMOVE ALL UNUSED PIPING, DUCTWORK AND ACCESSORIES.

* THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING, PRIOR TO FINAL BID, ALL EXISTING CONDITIONS FOR PLUMBING AND MECHANICAL SYSTEMS WITHIN TENANT SPACE AND WITHIN CLOSE PROXIMITY OF TENANT SPACE.

* WHERE FLOOR DRAINS OCCUR WITHIN THE LIMITS OF CONSTRUCTION, PREVENT CONSTRUCTION DEBRIS FROM ENTERING DRAIN BODY BY SEALING DRAIN OPENING PRIOR TO START OF WORK.

GENERAL NOTES-FIRE PROTECTION

* THIS CONTRACTOR SHALL DETERMINE THE ACTUAL PIPE SIZING REQUIRED AND COORDINATE WORK WITH ALL OTHER TRADES TO AVOID CONFLICTS.

* DIVISION 21 CONTRACTOR SHALL COORDINATE WITH THE ELECTRICAL CONTRACTOR FOR PROPER INSTALLATION OF THE FIRE PROTECTION SYSTEMS ALARM DEVICES INVOLVED WITH FIRE SPRINKLER SYSTEM.

* THIS CONTRACTOR SHALL PROVIDE ALL ADDITIONAL SPRINKLER HEADS AS REQUIRED TO ENSURE AN APPROVED FIRE PROTECTION SYSTEM AT NO ADDITIONAL COST TO THE OWNER.

* ROUTE SPRINKLER PIPING SUCH THAT IT DOES NOT RUN ABOVE ELECTRICAL PANELS, SWITCHGEAR, OR SIMILAR EQUIPMENT. SPRINKLER MAINS SHALL NOT RUN THROUGH ELECTRICAL OR COMMUNICATION ROOMS. SPRINKLER HEADS IN THESE ROOMS SHALL BE SERVED BY A DEDICATED BRANCH LINE FOR EACH ROOM.

* PROVIDE ALTERATIONS TO THE EXISTING FIRE PROTECTION SYSTEM AS REQUIRED TO ACCOMMODATE THE REVISED FLOOR PLAN. PROVIDE A COMPLETE WET TYPE SYSTEM INCLUDING NEW BRANCHES, HEADS, VALVES, AND ACCESSORIES AS REQUIRED. REUSE EXISTING SYSTEM EQUIPMENT WHERE APPLICABLE. THE SYSTEM SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS AND AS PER REQUIREMENTS OF THE STATE BUILDING CODE, LOCAL FIRE DEPARTMENT, AND ALL FEDERAL, STATE, AND LOCAL AUTHORITIES, NFPA, AND FACTORY MUTUAL.

* THE BUILDINGS COMPLETE OPERATIONAL FIRE PROTECTION SYSTEMS SHALL REMAIN IN PLACE. THIS CONTRACTOR SHALL REPAIR ANY DAMAGE TO THIS SYSTEM CREATED BY THE REMOVAL OF ANY OTHER MECHANICAL SYSTEMS OR COMPONENTS.

* THIS CONTRACTOR SHALL COORDINATE PHASING OF SPRINKLER WORK WITH THE ELECTRICAL CONTRACTOR PRIOR TO STARTING WORK.

GENERAL NOTES-HVAC

* SEAL ALL WALL PENETRATIONS WATER TIGHT.

* ALL SUPPLY, RETURN, AND EXHAUST DUCTWORK SHALL BE RATED FOR PRESSURE CLASS OF 2" W.G. UNLESS NOTED OTHERWISE.
1. Salvage existing generator and associated piping and ductwork. Salvage existing outlet configuration and return to owner for use with the relocated generator. Store existing generator in storage room. Coordinate phasing of demolition and new work with owner.

2. Move existing gas meter off wall and maintain service to existing generator during installation of new gas meter and service install new meter, in the same location as existing, and run new 1-1/4" gas piping to new generator as indicated on M1. Include a 1" tap with shut-off valve for the existing generator to maintain service throughout the remainder of construction. Coordinate with owner for meter switch over and temporary loss of service to the building. Existing and new generator shall both be piped on the new meter until the new generator is ready to be used.

3. Remove existing duct.

4. Remove existing exhaust hood and associated ductwork and equipment. Coordinate with electrical for disconnect.

5. Revise fire sprinkler layout as necessary to accommodate new wall locations and comply with NFPA 13.
1. PROVIDE TEMPORARY CONNECTION WITH SHUT-OFF VALVE TO EXISTING GENERATOR BEFORE REMOVING EXISTING GAS PIPING. COORDINATE PHASING WITH OWNER PRIOR TO WORK.

2. 36x12 INSULATED COMBUSTION AIR DAMPER

3. 24x46 RECIRCULATION AIR MOTORIZED DAMPER. REFER TO 1/M2.0.

4. (E) 10x10 OA UP TO GOOSENECK ON ROOF ABOVE

5. (E) FIRE SPRINKLER LINES. MODIFY SYSTEM AS NECESSARY TO COMPLY WITH NFPA 13.

6. INSULATED MOTORIZED INTAKE DAMPER PER SPECIFICATIONS.

7. 36x66 INTAKE LOUVER. REFER TO LOUVER SCHEDULE ON M2.0. BLANK-OFF LOWER 8" WITH INSULATED PANEL. FILL IN ABOVE LOUVER AIR TIGHT AND INSULATED. COORDINATE FINISH WITH OWNER.

8. 36x72 INTAKE LOUVER. REFER TO LOUVER SCHEDULE ON M2.0. BLANK-OFF LOWER 8" WITH INSULATED PANEL. FILL IN ABOVE LOUVER AIR TIGHT AND INSULATED. COORDINATE FINISH WITH OWNER.

9. INSULATED MOTORIZED EXHAUST DAMPER PER SPECIFICATIONS.

10. 82x28 RECIRCULATION AIR MOTORIZED DAMPER. REFER TO 1/M2.0.
EMERGENCY GENERATOR NUMBERED NOTES:

1. EMERGENCY GENERATOR FURNISHED AND INSTALLED BY DIVISION 26 CONTRACTOR.
2. SPRING ISOLATORS. FURNISHED AND INSTALLED BY DIVISION 26 CONTRACTOR.
3. EXHAUST FLUE WALL THIMBLE. FURNISHED BY DIVISION 23 CONTRACTOR AND INSTALLED BY DIVISION 23 CONTRACTOR.
4. MUFFLER FURNISHED BY DIVISION 26 CONTRACTOR AND INSTALLED BY DIVISION 23 CONTRACTOR.
5. MUFFLER HANGERS BY DIVISION 23 CONTRACTOR AND INSTALLED BY DIVISION 23 CONTRACTOR.
6. EXHAUST FLUE. FURNISHED AND INSTALLED BY DIVISION 23 CONTRACTOR.
7. DUCT TRANSITION AND FLEX CONNECTION. FURNISHED AND INSTALLED BY DIVISION 23 CONTRACTOR.
8. EXHAUST AIR LOUVER. FURNISHED AND INSTALLED BY DIVISION 23 CONTRACTOR.
9. CONCRETE HOUSEKEEPING PAD. FURNISHED AND INSTALLED BY DIVISION 26 CONTRACTOR.
10. INTAKE AIR LOUVER. FURNISHED AND INSTALLED BY DIVISION 23 CONTRACTOR.
11. COMBUSTION AIR MOTORIZED DAMPER. FURNISHED AND INSTALLED BY DIVISION 23 CONTRACTOR.
12. RECIRCULATION AIR MOTORIZED DAMPER. FURNISHED AND INSTALLED BY DIVISION 23 CONTRACTOR.
GENERAL NOTES:

A  ELECTRICAL CONTRACTOR TO INCLUDE DEMOLITION INDICATED ON THESE PLANS TO FACILITATE 45 KVA GENERATOR AND ASSOCIATED GEAR REMOVAL AND INSTALLATION OF NEW 300 KVA GENERATOR AND ASSOCIATED GEAR. THIS INCLUDES BUT IS NOT LIMITED TO GENERAL CONSTRUCTION, MECHANICAL, AND ELECTRICAL WORK FOR COMPLETE AND OPERATIONAL SYSTEM. COORDINATE ALL PHASES WITH OWNER TO FACILITATE DEMOLITION AND NEW CONSTRUCTION. COORDINATE ALL OUTAGES WITH OWNER PER SPECIFICATIONS. OWNER RETAINS RIGHT TO FIRST SALVAGE. PROVIDE DISPOSAL OF ALL REMOVED MATERIAL.

B  INCLUDE CUTTING, PATCHING, AND RESTORATION OF FINISHES NECESSARY FOR THIS WORK. SURFACES DAMAGED BY THIS WORK AND SPACES AROUND CONDUITS PASSING THROUGH FLOORS AND WALLS SHALL BE NEATLY CUT OR PENETRATED IN ANY MANNER WITHOUT PRIOR APPROVAL BY AUTHORIZED REPRESENTATIVE. THE SPACES AROUND THE CONDUITS SHALL BE SEALED TO PREVENT ENTRANCE OF MOISTURE, PATCHED AND FINISHED TO MATCH.

C  LEAVE THE SITE CLEAN AND READY FOR OCCUPANCY. REMOVE DIRT, DEBRIS, EMPTY CARTONS, TOOLS, CONDUIT AND WIRE SCRAP AND MISCELLANEOUS SPARE EQUIPMENT AND MATERIALS USED IN THIS DIVISION OF THE WORK DURING CONSTRUCTION, COMPONENTS SHALL BE FREE OF DUST, GRIT, AND FOREIGN MATERIALS LEFT AS NEW BEFORE FINAL ACCEPTANCE OF WORK.