1. Any interruptions of existing services and/or equipment shall be performed at a time approved in advance by the owner's representative so as not to interfere with the present building's operation.

2. These drawings are diagrammatic and indicate the general extent of work to be performed. The exact extent of demolition shall be as required by the new work.

3. All mechanical, electrical, and plumbing systems shall be removed complete with all related items including hangers, supports, controls, etc. Cap all open ended pipes and ductwork.

4. All demolition of the existing mechanical systems, including but not limited to piping, ductwork, controls, supports, hangers, and equipment shall be under scope of Division 23 of the specifications.

5. The owner shall have first right of refusal on all equipment being removed.

Demolition Keyed Notes:

- Remove and relocate existing hot water storage tank.
- Remove existing gas piping back to 3" NG riser.
- Remove existing water heater, circulating pumps, and associated CW, HW, and HWR piping as indicated.
- Existing sink to remain. Remove CW & HW piping.
- Existing eyewash to remain.
- Existing 1-1/4" pumped condensate.
- Remove existing deaerator and boiler feed pumps.
- Remove existing blow off tank and temperature regulating valve. Retain temperature regulating valve for future relocation.
- Remove existing steam piping from generator above mezzanine. Remove existing steam vent through roof.
- Remove abandoned R.O. unit and storage tank.
- Remove existing steam boiler and associated piping as indicated.
- Remove HW piping as indicated.
- Remove hatch, lid, and pipework from water main support to floor.
- Remove hatch, lid, and pipework from floor.

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Engineering and Architecture
1. These drawings are diagrammatic & indicate the general extent of the work. Provide mechanical systems complete and per specifications, and per applicable codes including all necessary offsets, and fittings which are required due to space constraints or other conditions.

2. Contractor shall coordinate his work with the work of all other trades. Verify all clearances prior to the fabrication of any work.

3. Piping and ductwork shall not be located over electrical equipment/panels. Provide required clearance in front of electrical equipment. Piping and ductwork shall not interfere with electrical equipment clearance.

4. The contractor shall provide all miscellaneous supporting steel, etc. for the proper installation of all mechanical systems.

5. Coordinate floor, wall, and roof penetrations with architectural trades.

6. Coordinate and provide access doors in hard ceiling areas for access to balancing dampers, etc. Refer to architectural drawings for ceiling types.

7. For equipment valving, component, and piping arrangements, refer to piping diagrams and details.

8. Route gas piping up through roof.

New Work Keyed Notes:

(Applicable this sheet only)

- Connect 3" steam to existing 5" steam main.
- Refer to domestic water heater piping diagram.
- Remove shut off valve in riser. Install new modulating valve and re-install shut off valve.
- Relocated domestic hot water storage tank (432 gal).
1. THESE DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL EXTENT OF THE WORK TO BE PERFORMED. ALL SPECIFICATIONS AND CODES, INCLUDING CLEARANCES, MOUNTING DEVICES, AND ACCESSORIES, MUST BE FOLLOWED TO ENSURE THAT THE WORK MEETS THE REQUIREMENTS.

2. CONSTRUCTION OF THE BUILDING'S STRUCTURAL COMPONENTS AND ALL MECHANICAL SYSTEMS SHALL BE COMPLETED AND IN ACCORDANCE WITH THE ORIGINAL AND RENewed DRAWINGS AND SPECIFICATIONS. ALL CLEARANCES AND CODES MUST BE FOLLOWED TO ENSURE THE SAFETY AND FUNCTIONALITY OF THE BUILDING.

3. ALL MECHANICAL SYSTEMS SHALL BE DESIGNED AND CONSTRUCTED TO MEET ALL CODES AND SPECIFICATIONS.

4. ALL CLEARANCES OF THE EXISTING MECHANICAL SYSTEMS AND THEIR COMPONENTS MUST BE COMPLETED AND IN ACCORDANCE WITH THE ORIGINAL AND RENewed DRAWINGS AND SPECIFICATIONS. ALL CLEARANCES AND CODES MUST BE FOLLOWED TO ENSURE THE SAFETY AND FUNCTIONALITY OF THE BUILDING.

5. THE CONTRACTOR SHALL PROVIDE ALL MISCELLANEOUS SUPPORTING STEEL, ETC. FOR THE PROPER INSTALLATION OF ALL MECHANICAL SYSTEMS.

6. COORDINATE FLOOR, WALL, AND ROOF PENETRATIONS WITH ARCHITECTURAL TRADES.

7. FOR EQUIPMENT VALVING, COMPONENT, AND PIPING ARRANGEMENT, REFER TO PIPING DIAGRAMS AND DETAILS.

NEW WORK KEYED NOTES:

1. NEW STEAM RELIEF VENTS.

NEW WORK - DEMOLITION PLAN:

1. REMOVE EXISTING RELIEF VENTS. INFILL AND PATCH ROOF.
1. Coordinate all demolition work with mechanical trades.
2. Maintain branch circuit continuity to existing receptacles/equipment that are to remain (not intended for demolition, but interrupted by demolition work).
3. Provide blank stainless steel coverplates for existing empty outlet boxes.
4. All 120V, 20A circuits over 100' in length to be #10 AWG minimum.
5. Circuit numbers shown (from existing panels) are for reference only and may not reflect the actual position of "spare" breakers in existing panels. "Spare" circuit breakers are existing spare or become available due to demolition in the area.

DEMOLITION KEYED NOTES:
- DISCONNECT, MAKE CIRCUIT SAFE, AND REMOVE ELECTRICAL COMPLETE FOR ELECTRIC STEAM GENERATOR INCLUDING THE DISCONNECT AND ALL CONDUIT/WIRE BACK TO THE SOURCE (SUBSTATION #2-PENTHOUSE) AND TAG SWITCH SPARE.
- DISCONNECT, MAKE SAFE, AND REMOVE ALL ELECTRICAL FOR R.O. UNIT COMPLETE INCLUDING CONTROL PANEL AND ASSOCIATED CONDUIT/WIRE BACK TO SOURCE (PP-5).
- DISCONNECT, MAKE CIRCUIT SAFE AND REMOVE COMPLETE ALL ELECTRICAL FOR BOILER FEED PUMP SYSTEM INCLUDING CONTROL PANEL AND CONDUIT/WIRE BACK TO SOURCE (PP-5).
- DISCONNECT, MAKE CIRCUIT SAFE AND REMOVE COMPLETE ALL ELECTRICAL FOR BOILER B-3 INCLUDING DISCONNECT, CONTROL PANEL, AND CONDUIT/WIRE BACK TO SOURCE (PP-5).
- DISCONNECT AND REMOVE COMPLETE ALL ELECTRICAL FOR HOT WATER HEATER PUMPS INCLUDING STARTERS, CONTROL PANEL AND ALL CONDUIT/WIRE BACK TO SOURCE (RP16).
- DISCONNECT AND REMOVE ELECTRICAL FOR R.O. SOFTENER COMPLETE INCLUDING ALL CONDUIT/WIRE BACK TO SOURCE (RP16).
- DISCONNECT, MAKE CIRCUIT SAFE AND REMOVE COMPLETE ALL ELECTRICAL FOR BOILER B-1 INCLUDING UNIT MOUNTED DISCONNECT, CONTROL PANEL AND CONDUIT/WIRE BACK TO SOURCE (PP-5).

NEW WORK KEYED NOTES:
- PROVIDE UNISTRUT SUPPORTS FOR MOUNTING OF STARTERS FOR PUMPS.