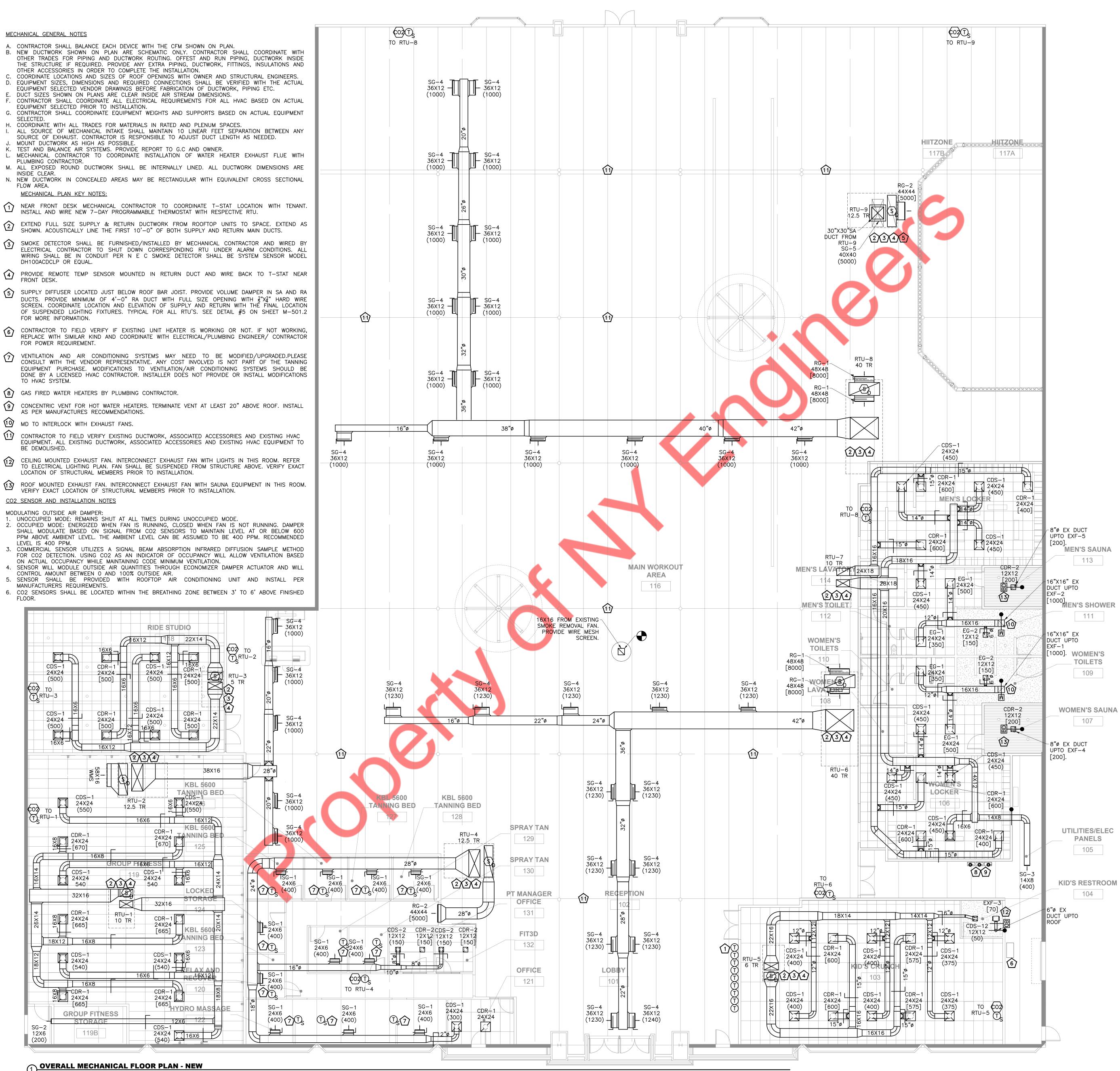
MECHANICAL GENERAL NOTES

- B. NEW DUCTWORK SHOWN ON PLAN ARE SCHEMATIC ONLY. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES FOR PIPING AND DUCTWORK ROUTING. OFFEST AND RUN PIPING, DUCTWORK INSIDE
- OTHER ACCESSORIES IN ORDER TO COMPLETE THE INSTALLATION. C. COORDINATE LOCATIONS AND SIZES OF ROOF OPENINGS WITH OWNER AND STRUCTURAL ENGINEERS.
- EQUIPMENT SELECTED VENDOR DRAWINGS BEFORE FABRICATION OF DUCTWORK, PIPING ETC.
- F. CONTRACTOR SHALL COORDINATE ALL ELECTRICAL REQUIREMENTS FOR ALL HVAC BASED ON ACTUAL
- SELECTED.
- I. ALL SOURCE OF MECHANICAL INTAKE SHALL MAINTAIN 10 LINEAR FEET SEPARATION BETWEEN ANY SOURCE OF EXHAUST. CONTRACTOR IS RESPONSIBLE TO ADJUST DUCT LENGTH AS NEEDED.
- K. TEST AND BALANCE AIR SYSTEMS. PROVIDE REPORT TO G.C AND OWNER.
- PLUMBING CONTRACTOR. M. ALL EXPOSED ROUND DUCTWORK SHALL BE INTERNALLY LINED. ALL DUCTWORK DIMENSIONS ARE
- N. NEW DUCTWORK IN CONCEALED AREAS MAY BE RECTANGULAR WITH EQUIVALENT CROSS SECTIONAL FLOW AREA.
- INSTALL AND WIRE NEW 7-DAY PROGRAMMABLE THERMOSTAT WITH RESPECTIVE RTU.
- SHOWN. ACOUSTICALLY LINE THE FIRST 10'-0" OF BOTH SUPPLY AND RETURN MAIN DUCTS.
- ELECTRICAL CONTRACTOR TO SHUT DOWN CORRESPONDING RTU UNDER ALARM CONDITIONS. ALL WIRING SHALL BE IN CONDUIT PER N E C SMOKE DETECTOR SHALL BE SYSTEM SENSOR MODEL DH100ACDCLP OR EQUAL.
- FRONT DESK.
- DUCTS. PROVIDE MINIMUM OF 4'-0" RA DUCT WITH FULL SIZE OPENING WITH $\frac{1}{2}$ "X¹/₄" HARD WIRE OF SUSPENDED LIGHTING FIXTURES. TYPICAL FOR ALL RTU'S. SEE DETAIL #5 ON SHEET M-501.2 FOR MORE INFORMATION.
- REPLACE WITH SIMILAR KIND AND COORDINATE WITH ELECTRICAL/PLUMBING ENGINEER/ CONTRACTOR FOR POWER REQUIREMENT.
- CONSULT WITH THE VENDOR REPRESENTATIVE. ANY COST INVOLVED IS NOT PART OF THE TANNING EQUIPMENT PURCHASE. MODIFICATIONS TO VENTILATION/AIR CONDITIONING SYSTEMS SHOULD BE DONE BY A LICENSED HVAC CONTRACTOR. INSTALLER DOES NOT PROVIDE OR INSTALL MODIFICATIONS TO HVAC SYSTEM.
- AS PER MANUFACTURES RECOMMENDATIONS.
- BE DEMOLISHED.
- 12 LOCATION OF STRUCTURAL MEMBERS PRIOR TO INSTALLATION.

VERIFY EXACT LOCATION OF STRUCTURAL MEMBERS PRIOR TO INSTALLATION. CO2 SENSOR AND INSTALLATION NOTES

- 1. UNOCCUPIED MODE: REMAINS SHUT AT ALL TIMES DURING UNOCCUPIED MODE. 2. OCCUPIED MODE: ENERGIZED WHEN FAN IS RUNNING, CLOSED WHEN FAN IS NOT RUNNING, DAMPER SHALL MODULATE BASED ON SIGNAL FROM CO2 SENSORS TO MAINTAIN LEVEL AT OR BELOW 600 PPM ABOVE AMBIENT LEVEL. THE AMBIENT LEVEL CAN BE ASSUMED TO BE 400 PPM. RECOMMENDED LEVEL IS 400 PPM. 3. COMMERCIAL SENSOR UTILIZES A SIGNAL BEAM ABSORPTION INFRARED DIFFUSION SAMPLE METHOD
- ON ACTUAL OCCUPANCY WHILE MAINTAINING CODE MINIMUM VENTILATION. 4. SENSOR WILL MODULE OUTSIDE AIR QUANTITIES THROUGH ECONOMIZER DAMPER ACTUATOR AND WILL
- 5. SENSOR SHALL BE PROVIDED WITH ROOFTOP AIR CONDITIONING UNIT AND INSTALL PER MANUFACTURERS REQUIREMENTS.
- FLOOR.



OVERALL MECHANICAL FLOOR PLAN - NEW 1/8" = 1'-0"

MECHANICAL GENERAL NOTES

- B. EQUIPMENT SIZES, DIMENSIONS AND REQUIRED CONNECTIONS SHALL BE VERIFIED WITH THE ACTUAL EQUIPMENT SELECTED VENDOR DRAWINGS BEFORE FABRICATION OF DUCTWORK, PIPING ETC.
- D. CONTRACTOR SHALL COORDINATE ALL ELECTRICAL REQUIREMENTS FOR ALL HVAC BASED ON ACTUAL EQUIPMENT SELECTED PRIOR TO INSTALLATION.
- F. ALL SOURCE OF MECHANICAL INTAKE SHALL MAINTAIN 10 LINEAR FEET SEPARATION BETWEEN ANY
- H. TEST AND BALANCE AIR SYSTEMS. PROVIDE REPORT TO GENERAL CONTRACTOR AND OWNER. I. M.C TO COORDINATE INSTALLATION OF WATER HEATER EXHAUST FLUE WITH PLUMBING CONTRACTOR.

- 2 CONTRACTOR TO CONNECT CONDENSATE DRAIN FROM ALL RTUS TO NEAREST ROOF DRAIN OR DOWN SPOUTS.
- CURB SPACE.
- EXISTING FAN IS NOT WORKING OR INADEQUATE, PROVIDE NEW SMOKE REMOVAL FAN.

- MAINTAIN A MINIMUM OF 10'-0" FROM ALL OUTSIDE AR INTAKES AND TERMINATE 36" ABOVE ROOF.

