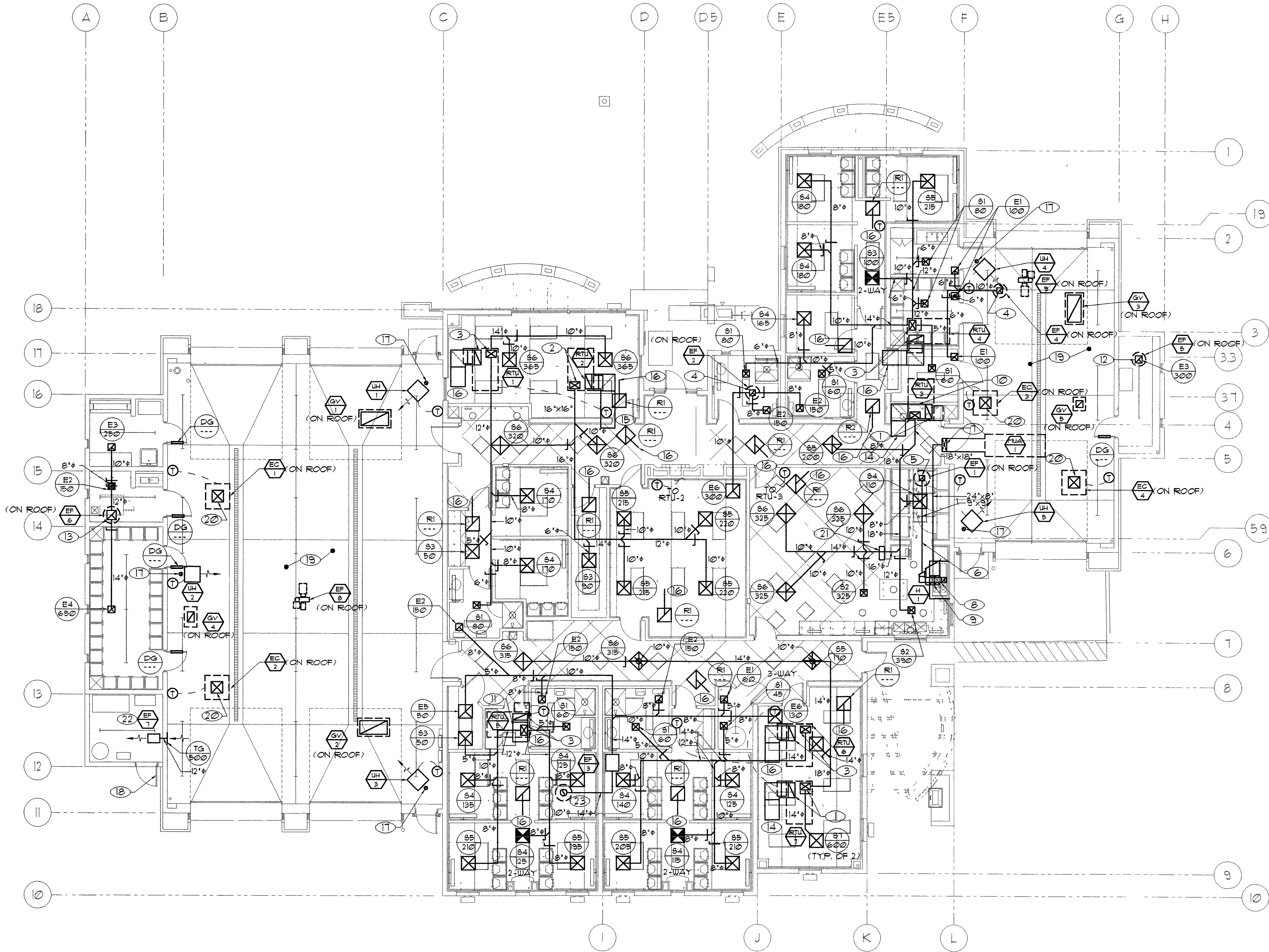




MECHANICAL FLOOR PLAN

Scale: 1/8"=1'-0"

◀ Project North

GENERAL NOTES

- AIR-MOVING EQUIPMENT IN EXCESS OF 2000 CUBIC FEET PER MINUTE TO ENCLOSED SPACES WITHIN THE BUILDING ARE NOT REQUIRED TO BE EQUIPPED WITH AUTOMATIC SHUTOFF SINCE AREA SMOKE DETECTORS ARE SPECIFIED. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- COORDINATE ALL DIFFUSER AND GRILLE LOCATIONS WITH THE ELECTRICAL LIGHTING PLAN AND ARCHITECTURAL REFLECTED CEILING PLAN.
- MAINTAIN A 10 FT. CLEARANCE FROM ANY OUTSIDE AIR INTAKE AND ALL EXHAUST AND PLUMBING TERMINATIONS.
- ACCESS DOORS ARE REQUIRED FOR ALL DAMPERS, ETC. INSTALLED ABOVE INACCESSIBLE CEILING. COORDINATE EXACT LOCATIONS WITH ARCHITECT.
- DUCT AND PLENUM SIZES SHOWN ARE THE NET DIMENSIONS INSIDE THE INSULATION.
- SEAL DUCT PENETRATIONS THRU CMU WALLS TO PREVENT NOISE TRANSMISSION TO ADJACENT AREAS.

SHEET NOTES

- 18"x18" LINED SUPPLY AND 20"x16" LINED RETURN PLENUM DOWN THRU ROOF.
- 16"x16" LINED SUPPLY PLENUM AND 20"x14" LINED RETURN PLENUM DOWN THRU ROOF.
- 14"x14" LINED SUPPLY PLENUM AND 20"x12" LINED RETURN PLENUM DOWN THRU ROOF.
- 12"x12" EXHAUST DUCT UP TO EXHAUST FAN ON ROOF.
- 9"x9" EXHAUST DUCT UP TO EXHAUST FAN ON ROOF.
- SLOPE 9"x9" EXHAUST DUCT AT 1/4" PER FOOT TOWARD HOOD.
- 24"x8" SUPPLY DUCT DOWN THRU ROOF.
- 9"x9" EXHAUST DUCT ABOVE 24"x8" SUPPLY DUCT. CONNECT TO 9"x9" EXHAUST DUCT COLLAR ON HOOD.
- 24"x8" SUPPLY DUCT BELOW 9"x9" EXHAUST DUCT. CONNECT TO (2) 24"x8" SUPPLY DUCT COLLARS ON HOOD.
- 20"x16" LINED RETURN DUCT BELOW SUPPLY DUCT.
- 20"x12" LINED RETURN DUCT BELOW SUPPLY DUCT.
- 10"x10" EXHAUST DUCT UP TO EXHAUST FAN ON ROOF.
- 16"x16" EXHAUST DUCT UP TO EXHAUST FAN ON ROOF.
- 20"x16" LINED RETURN DUCT OPEN TO CEILING SPACE.
- 20"x14" LINED RETURN DUCT OPEN TO CEILING SPACE.
- 20"x12" LINED RETURN DUCT OPEN TO CEILING SPACE.
- 4" FLUE THRU ROOF. TERMINATE WITH APPROVED FLUE CAP.
- PROVIDE 20"x20" LOUVERS IN LOWER HALF OF DOOR.
- BOTTOM OF UNIT HEATERS AND AIR DISTRIBUTION IN THIS AREA SHALL NOT TERMINATE BELOW 14'-0" ABOVE FINISHED FLOOR.
- FULL SIZE SUPPLY AIR DUCT DOWN THRU ROOF. TERMINATE WITH PYRAMID AIR DEFLECTOR ABOVE LIGHTS.
- CONTROL PANEL AND ANSL. REMOTE BOX ON WALL FOR MUA-1 AND EF-1 SERVING THE EXHAUST HOOD.
- SUSPEND EXHAUST FROM STRUCTURE AS HIGH AS POSSIBLE.
- 14" EXHAUST DUCT UP THRU ROOF TO GREENHECK MODEL NO. GRSR-15 RELIEF HOOD.



REVISIONS

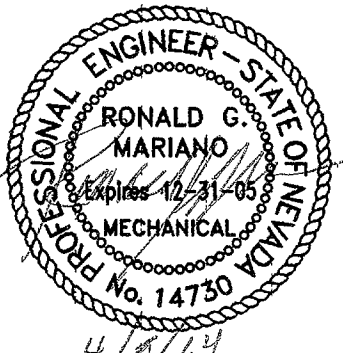
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CITY OF LAS VEGAS, NEVADA
FIRE STATION #8

MECHANICAL FLOOR PLAN

STAMP



OWNER: CITY OF LAS VEGAS
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DRAWN DBB

FILE

DATE

4/3/04

SCALE

1/8" = 1'-0"

DESIGN NO.

04.15341.04

CLV DWG NO.

630-101

REV NO.

M3