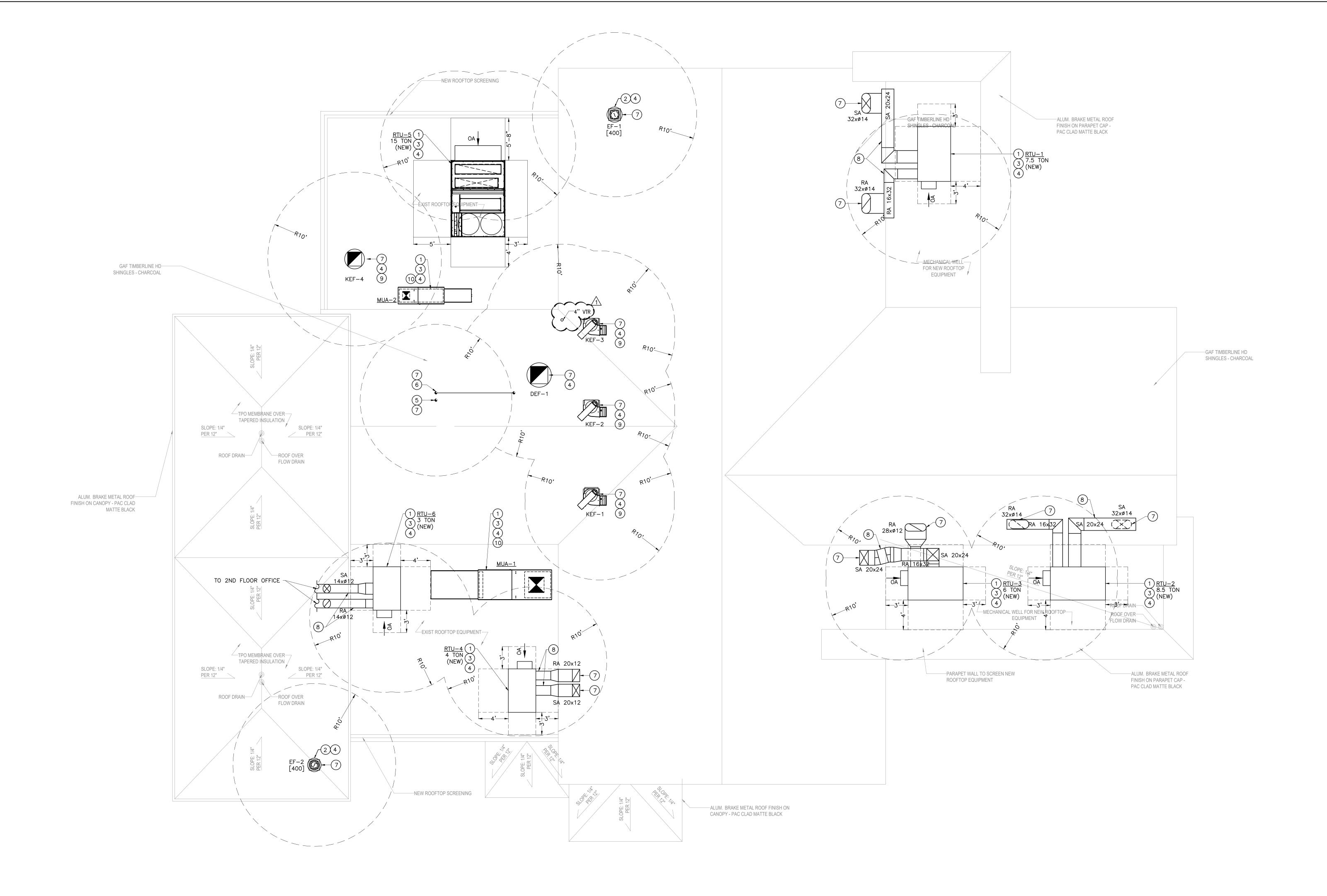


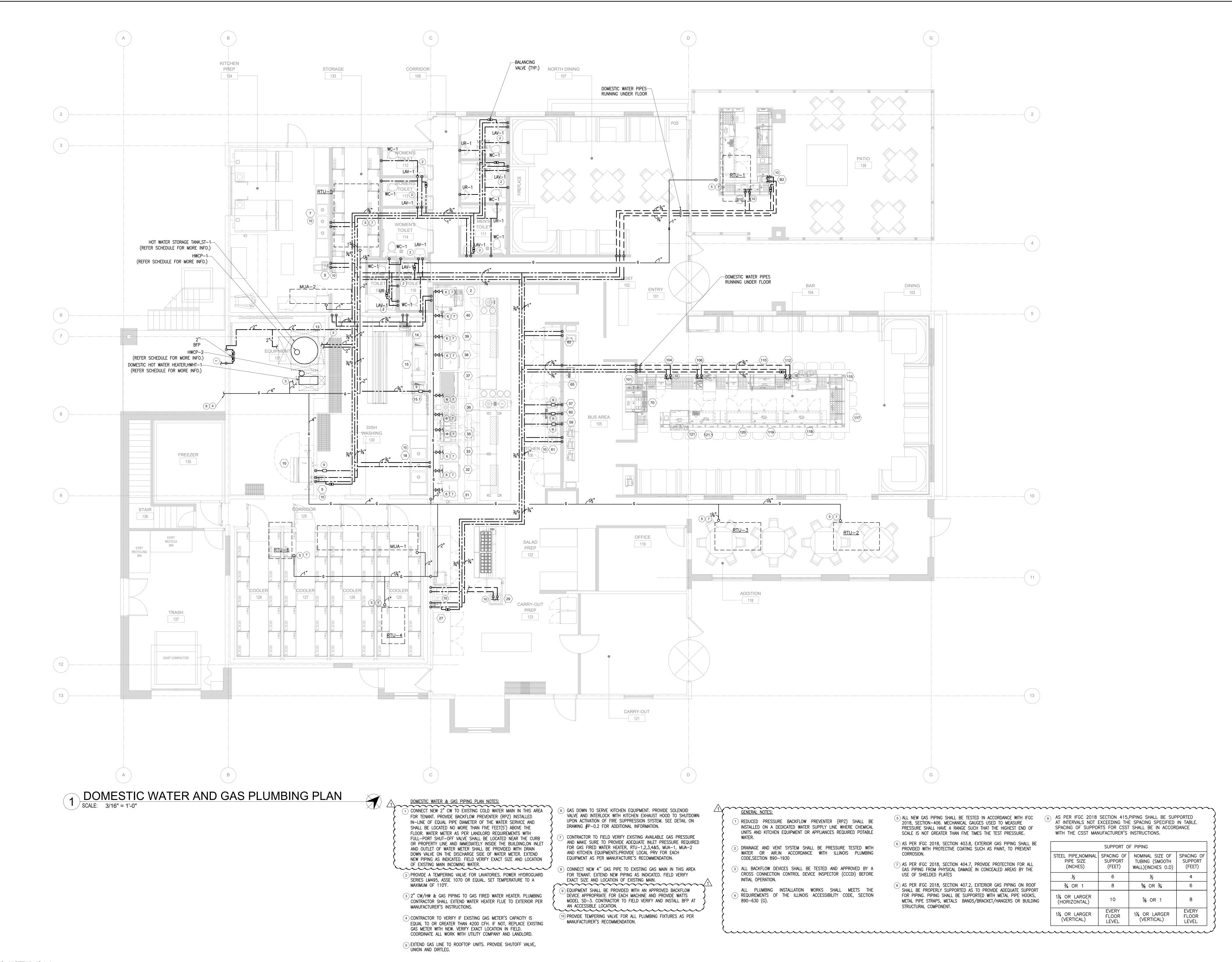
- RETURN MAIN DUCTS.
- 2) INSTALL AND WIRE NEW 7-DAY PROGRAMMABLE THERMOSTAT. COORDINATE AND FIELD
- VERIFY EXACT LOCATION WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN. (3) TEMPERATURE SENSOR FOR THERMOSTAT SERVING DESIGNATED ROOF TOP UNIT.
- MECHANICAL CONTRACTOR TO MOUNT SMOKE DETECTOR REMOTE KEY STATUS AND TEST STATIONS (WITH AUDIO AND VISUAL ALARM). NEXT TO UNIT THERMOSTAT. MC. TO INDICATE DETECTOR SERVING AIR CONDITIONING UNIT. COORDINATE EXACT LOCATION WITH FIRE MARSHAL PRIOR TO ROUGH-IN. ALL WIRING SHALL BE BY ELECTRICAL CONTRACTOR IN CONDUIT PER N.E.C. REMOTE STATION SHALL BE A SYSTEM SENSOR MODEL SSK451 OR
- 5 SMOKE DETECTOR SHALL BE FURNISHED/INSTALLED BY MECHANICAL CONTRACTOR AND WIRED BY ELECTRICAL CONTRACTOR TO SHUT DOWN CORRESPONDING AIR CONDITIONING WIRED BY ELECTRICAL CONTRACTOR TO SHUT DOWN CORRESPONDING AIR CONDITIONING UNIT UNDER ALARM CONDITIONS. ALL WIRING SHALL BE IN CONDUIT PER N E C SMOKE DETECTOR SHALL BE SYSTEM SENSOR MODEL DH100ACDCLP OR EQUAL.
- 6 ROUTE 12"Ø TOILET EXHAUST DUCT UP THROUGH ROOF AND CONNECT TO EXHAUST FAN ON ROOF. MAINTAIN A MINIMUM OF 10'-0" FROM ALL OUTSIDE AIR INTAKES AND TERMINATES 36" ABOVE ROOF.
- TERMINATES 36" ABOVE ROOF.
- (8) 4.5"ø WATER HEATER AIR INTAKE PIPE UP THROUGH ROOF.
- (9) 4.5" WATER HEATER EXHAUST VENT PIPE UP THROUGH ROOF.
- 10 INSTALL TYPE-I GREASE EXHAUST HOOD. SUPPORT HOOD PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. PROVIDE TRAPEZE HANGERS FOR ALL THREAD SUPPORT UNDER DUCTWORK AS REQUIRED. TRANSITION FROM HOOD CONNECTION TO WELDED KITCHEN EXHAUST DUCT SIZES SHOWN.
- 11) INSTALL TYPE-II EXHAUST HOOD. SUPPORT HOOD PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. PROVIDE TRAPEZE HANGERS FOR ALL THREAD SUPPORT UNDER DUCTWORK AS REQUIRED. TRANSITION FROM HOOD CONNECTION TO WELDED DISH WASHER EXHAUST DUCT SIZES SHOWN.
- (12) 20" GREASE EXHAUST DUCT FROM HOOD UP THRU ROOF TO KEF.
- (13) 16"Ø GREASE EXHAUST DUCT FROM HOOD UP THRU ROOF TO KEF.
- GREASE DUCT TO BE PROVIDED WITH KITCHEN EQUIPMENT. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
- (16) MAKEUP DUCT UP THRU ROOF TO MUA-1 & MUA-2. (17) 17"ø EXHAUST DUCT FROM HOOD UP THRU ROOF TO DEF.
- (18) EXHAUST OPENINGS SHALL BE PROVIDED WITH CLASS I MOTORIZED DAMPERS. THE DAMPERS SHALL HAVE AN AIR LEAKAGE RATE NOT GREATER THAN 4 CFM/FT² OF DAMPER SURFACE AREA AT 1.0 INCH WAER GAUGE (249 PA) AND SHALL BE LABELED BY AN APPROVED AGENCY WHEN TESTED IN ACCORDANCE WITH AMCA 500D.

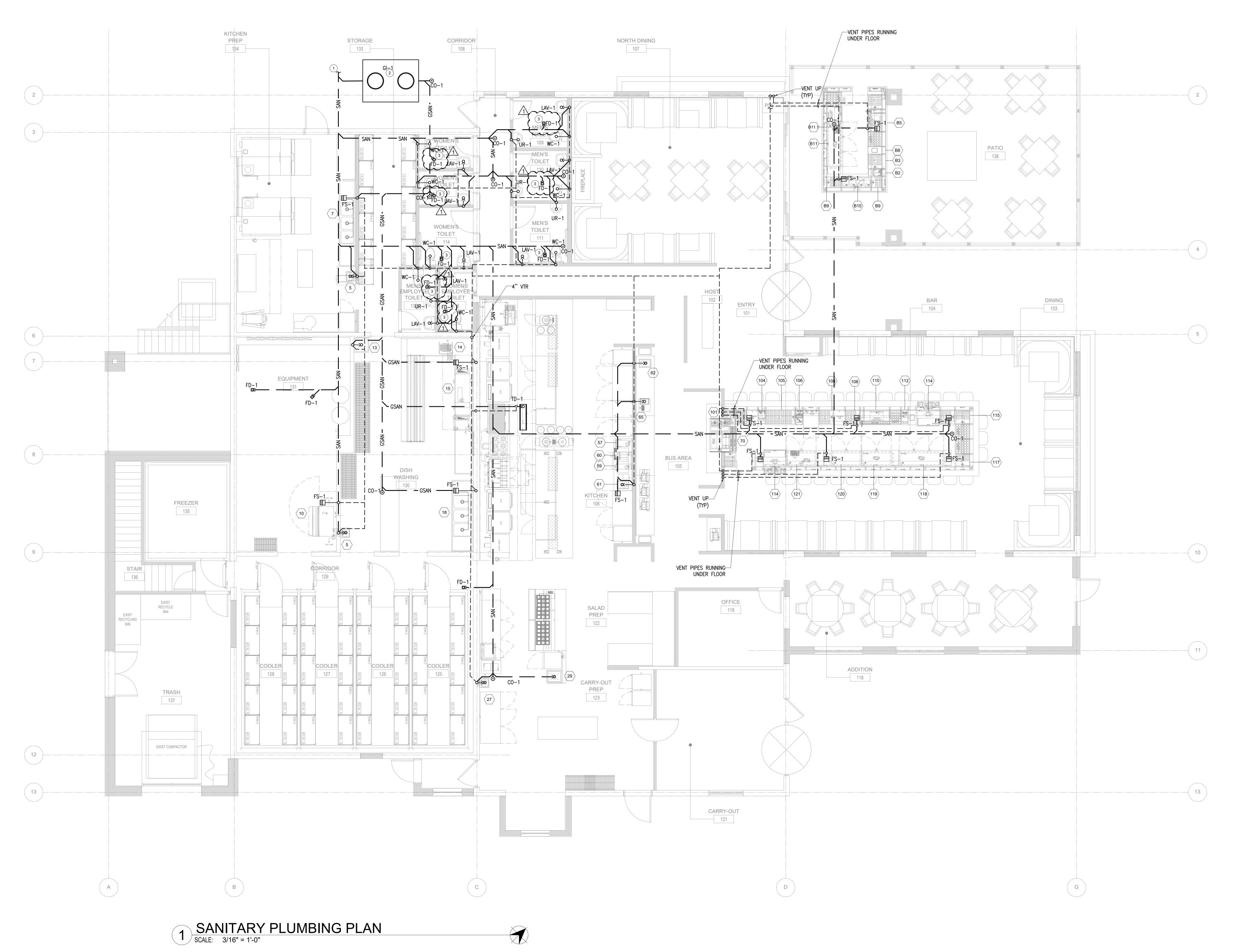


1 MECHANICAL ROOF PLAN SCALE: 3/16" = 1'-0"

- MECHANICAL ROOFTOP PLAN NOTES
- 1) PROVIDE FLEXIBLE CONNECTORS ON SUPPLY AND RETURN DUCT CONNECTIONS. SET OUTSIDE AIR AS INDICATED ON ROOFTOP UNIT SCHEDULE. MECHANICAL CONTRACTOR SHALL SCRIBE INTO UNIT POSITION OF OUTSIDE AIR DAMPER AND LABEL OUTSIDE AIR VOLUME AND PERCENT OF OUTSIDE AIR.
- ROOF MOUNTED EXHAUST FAN. COORDINATE INSTALLATION OF FAN WITH LANDLORD AND EXISTING CONDITIONS TO ENSURE THAT FAN IS NOT INSTALLED WITHIN 10 FEET OF ANY OUTSIDE AIR INTAKE.
- 3 CONTRACTOR TO FIELD VERIFY THAT THE LOCATION OF ANY EXHAUST SOURCE SHOULD BE AT LEAST 10' AWAY FROM THE RTUS AND MAKE-UP AIR UNITS.
- CONTRACTOR TO COORDINATE WITH STRUCTURAL ENGINEER AND FIELD VERIFY THE BUILDING OR STRUCTURE SHALL NOT BE WEAKENED BY THE INSTALLATION OF NEW MECHANICAL SYSTEMS ON THE ROOF.
- 5 4.5"Ø WATER HEATER AIR INTAKE PIPE UP THROUGH ROOF WITH VENT CAP. MAINTAIN A MINIMUM OF 10'-0" FROM ALL EXHAUST AIR VENTS AND TERMINATES 36" ABOVE ROOF.
- 6 4.5"Ø WATER HEATER FLUE PIPE UP THROUGH ROOF WITH VENT CAP. MAINTAIN A MINIMUM OF 10'-0" FROM ALL OUTSIDE AIR INTAKE AND TERMINATES 36" ABOVE ROOF.
- CONTRACTOR TO COORDINATE WITH STRUCTURAL ENGINEER FOR PENETRATIONS. PROVIDE WATER PROOFING AND SEALING ALL ROOF PENETRATIONS.
- 8) PROVIDE WEATHERPROOF COATING FOR ALL EXTERIOR DUCTWORK.

- MECHANICAL ROOFTOP PLAN NOTES
- 9 ROOF MOUNTED GREASE EXHAUST FAN AND FAN CURB ARE PROVIDED BY KITCHEN HOOD CONTRACTOR. COORDINATE INSTALLATION OF FAN WITH LANDLORD AND SITE CONDITIONS TO ENSURE THAT FAN IS NOT INSTALLED WITHIN 10 FEET OF ANY OUTSIDE AIR INTAKE.
- MAKE-UP AIR UNIT AND ROOF CURB ARE PROVIDED BY KITCHEN HOOD CONTRACTOR. COORDINATE LOCATION OF UNIT WITH LANDLORD AND SITE CONDITIONS. ADJUST DUCTWORK ROUTING ACCORDINGLY. PROVIDE FLEXIBLE CONNECTION ON THE SUPPLY DUCT CONNECTION TRANSITION TO DUCT SIZE INDICATED. FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID.





SANITARY PIPING PLAN NOTE

- ONNECT NEW 4" SANITARY TO EXISTING MAIN IN THIS AREA. PLUMBING CONTRACTOR SHALL VERIFY EXACT LOCATION, SIZE, AND INVERT OF EXISTING SANITARY MAIN. SAWCUT AND TRENCH FLOOR AS REQUIRED AND PATCH FLOOR TO MATCH EXISTING.
- GREASE INTERCEPTOR, SCHIER GB-1000, 100 GPM, 6547 LBS CAPACITY 4" INLET W/ FLOW CONTROL 1-1/2" VENT UP. FIELD VERIFY EXACT PLACEMENT OF GREASE TRAP AND COORDINATE WITH FOOD SERVICE EQUIPMENT PLANS TO AVOID LEG CONFLICTS. PROVIDE ALL APPURTENANCES FOR A COMPLETE INSTALLATION INCLUDING FLOW CONTROL AND AIR VENT. INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH CITY REGULATIONS AND MANUFACTURER'S INSTRUCTIONS. PROVIDE PEDESTRIAN RATED POLYPROPYLENE COVER OVER-LAYS WHEN INSTALLED IN PEDESTRIAN TRAFFIC AREAS. P.C. TO ENSURE A MINIMUM OF 2% SLOPE FOR SANITARY FROM FLOOR SINK TO GREASE TRAP SUCH THAT GREASE TRAP INLET IS LOWER THAN THE FLOOR SINK OUTLET. INSTALL GREASE TRAP EXTENSION IF NECESSARY TO ALLOW FOR SLOPE FROM FLOOR SINK. P.C. TO ENSURE A MAXIMUM OF 100 GPM FLOW RATE FROM 3-COMPARTMENT SINK INTO FLOOR SINK AND INSTALL A SECONDARY FLOW CONTROL DEVICE PRIOR TO FLOOR SINK IF NECESSARY.
- 3 3" FLOOR DRAIN. PROVIDE WATERLESS SURESEAL TRAP SEALER FOR FLOOR DRAIN. COORDINATE EXACT LOCATION WITH ARCHITECT/OWNER.

