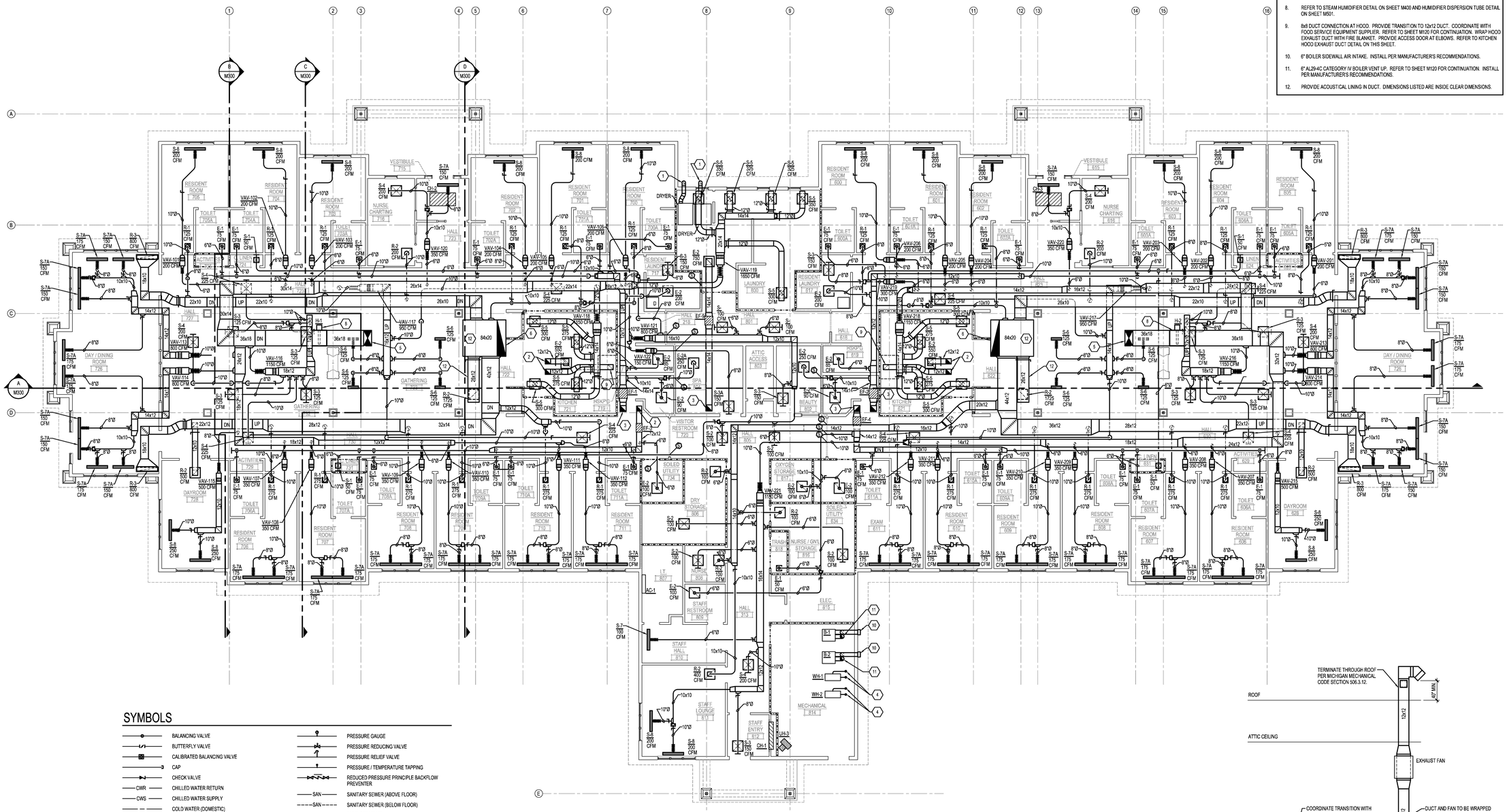
GENERAL NOTES

1. BALANCE DAMPERS IN SUPPLY SLOT DIFFUSERS IN DRYWALL OR WOOD CEILINGS TO BE BASED ON YOUNG REGULATOR CO. MODEL 5020CC FOR ROUND DUCT AND MODEL 820ACC FOR RECTANGULAR DUCTS. PROVIDE COMPLETE WITH MODEL 270-275 REMOTE CABLE CONTROL LOCATED IN ACCESSIBLE LOCATION INSIDE CORRESPONDING DIFFUSER / GRILLE PLENUM BOX. THE FLOW BAR INSIDE THE DIFFUSER WILL MOVE TO ONE SIDE TO ALLOW ACCESS TO REMOTE CONTROL.

NOTES

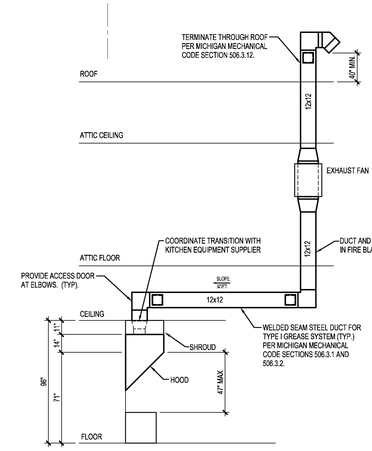
1. 8" DRYER EXHAUST OUT WALL. COORDINATE CONNECTION WITH EQUIPMENT SUPPLIER. VENT PER MANUFACTURE'S RECOMMENDATIONS. TERMINATE AT A MINIMUM OF TWO PIPE DIAMETERS ABOVE FINISHED GRADE.
2. 12x12 EXHAUST DUCT UP. REFER TO SHEET M120 FOR CONTINUATION.
3. 14x14 EXHAUST DUCT UP. REFER TO SHEET M120 FOR CONTINUATION.
4. 4" AL29-4C VENT AND INTAKE UP REFER TO SHEET M120 FOR CONTINUATION. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
5. 38x18 SUPPLY DUCT FROM ABOVE. REFER TO SHEET M120 FOR CONTINUATION.
6. 84x20 RETURN DUCT UP. REFER TO SHEET M120 FOR CONTINUATION.
7. NOT USED.
8. REFER TO STEAM HUMIDIFIER DETAIL ON SHEET M400 AND HUMIDIFIER DISPERSION TUBE DETAIL ON SHEET M501.
9. 8x8 DUCT CONNECTION AT HOOD. PROVIDE TRANSITION TO 12x12 DUCT. COORDINATE WITH FOOD SERVICE EQUIPMENT SUPPLIER. REFER TO SHEET M120 FOR CONTINUATION. WRAP HOOD EXHAUST DUCT WITH FIRE BLANKET. PROVIDE ACCESS DOOR AT ELBOWS. REFER TO KITCHEN HOOD EXHAUST DUCT DETAIL ON THIS SHEET.
10. 6" BOILER SIDEWALL AIR INTAKE. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
11. 6" AL29-4C CATEGORY IV BOILER VENT UP. REFER TO SHEET M120 FOR CONTINUATION. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
12. PROVIDE ACOUSTICAL LINING IN DUCT. DIMENSIONS LISTED ARE INSIDE CLEAR DIMENSIONS.



1 MECHANICAL PLAN
SCALE: 1/8"=1'-0"

SYMBOLS

- BALANCING VALVE
- BUTTERFLY VALVE
- CALIBRATED BALANCING VALVE
- CAP
- CHECK VALVE
- CWR — CHILLED WATER RETURN
- CWS — CHILLED WATER SUPPLY
- COLD WATER (DOMESTIC)
- CONTROL VALVE
- FIRE DAMPER (HORIZONTAL)
- FIRE DAMPER (VERTICAL)
- FIRE/SMOKE DAMPER
- FP — FIRE PROTECTION
- FLOW METER (PROBE TYPE)
- FLOW METER (WAFER TYPE)
- FLOW SWITCH
- G — GAS
- GAS COCK
- HR — HEATING HOT WATER RETURN
- HS — HEATING HOT WATER SUPPLY
- HOT WATER RETURN (DOMESTIC)
- HOT WATER SUPPLY (DOMESTIC)
- H — HUMIDISTAT
- PRESSURE GAUGE
- PRESSURE REDUCING VALVE
- PRESSURE RELIEF VALVE
- PRESSURE / TEMPERATURE TAPPING
- REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER
- SAN — SANITARY SEWER (ABOVE FLOOR)
- SAN — SANITARY SEWER (BELOW FLOOR)
- SHUT-OFF VALVE
- SMOKE DAMPER
- SCW — SOFT COLD WATER
- SHW — SOFT HOT WATER
- SHWR — SOFT HOT WATER RETURN
- STRAINER
- TEMPERATURE SENSOR
- THERMOMETER
- THERMOSTAT
- THREE-WAY CONTROL VALVE
- THROTTLING VALVE
- TRIPLE DUTY VALVE (ANGLE)
- TRIPLE DUTY VALVE (STRAIGHT)
- UNION
- VACUUM BREAKER
- V — VENT



2 KITCHEN HOOD EXHAUST DETAIL
Scale: None

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MECHANICAL PLAN

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