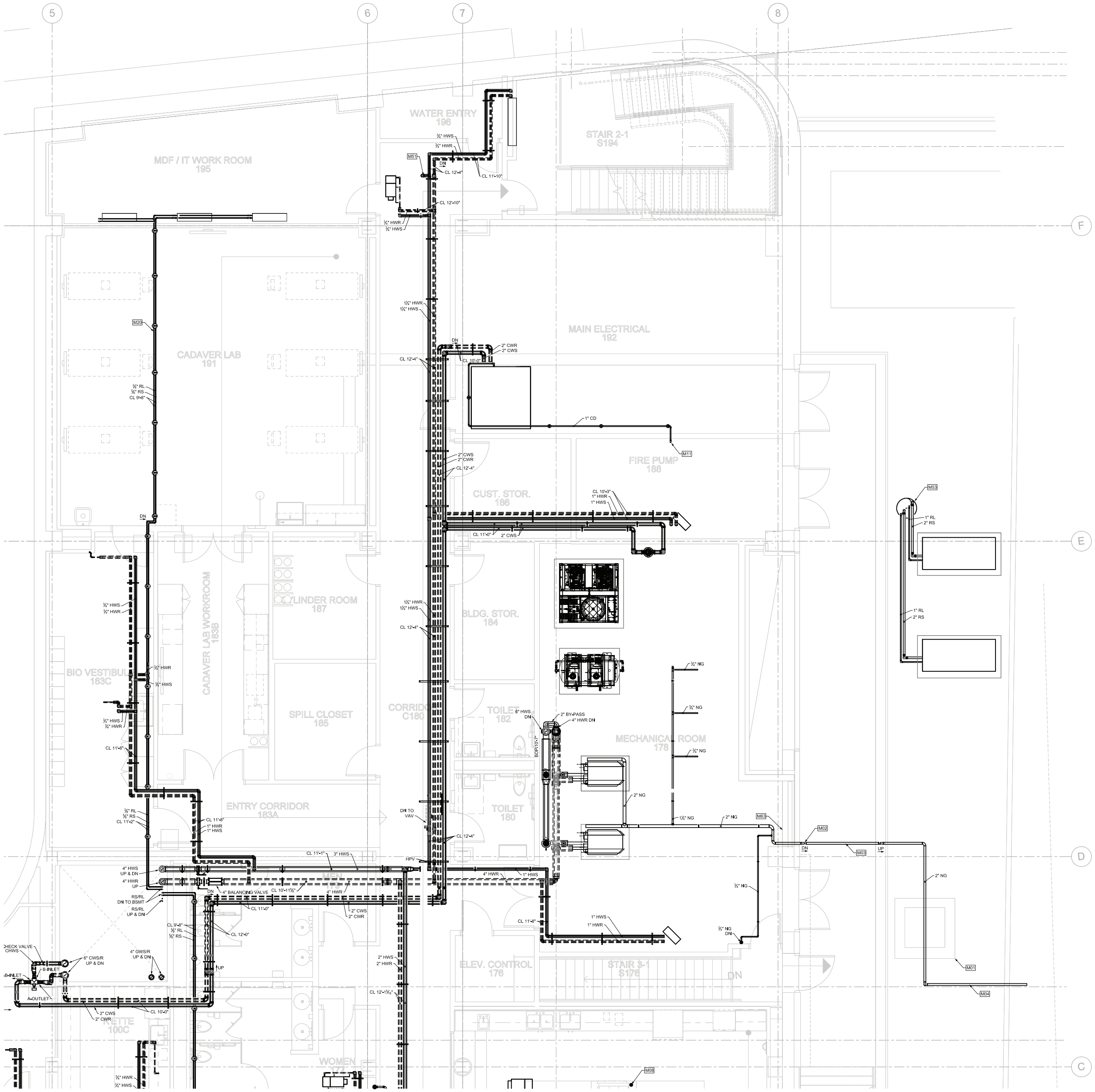


PARTIAL LEVEL 1 - PIPING PLAN

SCALE: 1/4"=1'-0"

GENERAL NOTES:

1. PIPING RUNOUTS TO TERMINAL UNITS SHALL BE 3/4" UNLESS OTHERWISE NOTED. REFER TO REHEAT BOX SCHEDULE.

2. SCHEDULE SYSTEMS OR EQUIPMENT SHUT DOWNS REQUIRED FOR NEW CONSTRUCTION WITH OWNER TWO WEEKS IN ADVANCE. SOME PREMIUM TIME WORK MAY BE REQUIRED.

3. REFER TO PIPING DETAILS FOR FINAL CONNECTIONS TO EQUIPMENT.PROVIDE SERVICE SHUT-OFF VALVES IN MAJOR PIPING BRANCH LINES. ALL CONNECTIONS TO RISERS AND EACH BUILDING WING: A & B

MECHANICAL PIPING KEYED NOTES: (THIS SHEET ONLY)

M01 PROPOSED GAS METER LOCATION: COORDINATE WITH LOCAL NATURAL GAS UTILITY COMPANY FOR METER SET SIZED FOR A TOTAL CONNECTED LOAD OF 6,247-CFH WITH A DELIVERY PRESSURE OF 2-PSIG. PROVIDE CONCRETE METER PAD PER THE LOCAL GAS COMPANY'S REQUIREMENTS AND SIZE.

M02 2-INCH MAIN BUILDING NATURAL GAS LINE ABOVE GRADE WITH SHUT-OFF VALVE

M03 2-INCH NATURAL GAS LINE IN OPEN TRENCH WITH STEEL GRATING, SEE CIVIL DRAWINGS SUPPORT PIPING WITH STAINLESS STEEL UNISTRUT FRAMING, MINIMUM 2-INCHES ABOVE TRENCH FLOOR.

M04 NATURAL GAS MAIN EXTENSION BELOW GRADE BY LOCAL GAS COMPANY.

M08 3/4-INCH NATURAL GAS LINE BELOW SLAB WITHIN VENTED SLEEVE. SEE LOWER LEVEL FLOOR PLAN FOR CONTINUATION. PROVIDED GAS SHUT-OFF VALVE AND FLEXIBLE HOSE ADAPTER. FINAL CONNECTION TO COOK TOP BY KITCHEN EQUIPMENT INSTALLER.

M11 TERMINATE COOLING COIL DRAIN LINE OVER NEAREST FLOOR DRAIN OR INDIRECT WASTE. PROVIDE TRAP AS INDICATED ON PIPING DETAIL.

M20 REFRIGERANT LIQUID AND SUCTION PIPING BETWEEN DX COOLING COILS AND CONDENSING UNITS. COORDINATE PIPE SIZES WITH MANUFACTURER.

M31 3-WAY CONTROL VALVE. SEE CHILLED WATER PIPING DIAGRAM.

M51 1" HEATING HOT WATER BYPASS WITH BACKPRESSURE CONTROL VAVLE (5 GPM).

M53 (2) SETS OF 2" RS / 1" RL THROUGH 24" ROUND PVC PIPE SLEEVE BELOW GRADE FROM LOWER LEVEL MECHANICAL ROOM TO VENTILATION DISCHARGE.

M63 INSTALL BOILER SAFETY SWITCH AND SIGN. COORDINATE LOCATION WITH OWNER, ARCHITECT AND ALL OTHER TRADES.

HANGER MAP KEYED NOTES:

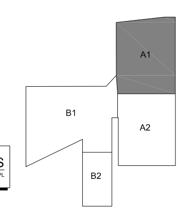
H1 TRIANGLE HANGER W/ 3/8" ROD

H2 TRAPEZE HANGER W/ 3/8" ROD

H3 CLEVIS HANGER W/ 3/8" ROD

H4 V-BOTTOM CLEVIS HANGER W/ 3/8" ROD

RECORD DRAWINGS
DATE: 6/30/17 DRAWN BY: ZPL



KEY PLAN

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