



- NOTES:
1. READ IN CONJUNCTION WITH ALL OTHER MAX FORDHAM DRAWINGS, SCHEDULES, AND SPECIFICATIONS
 2. REFER TO THE ARCHITECTS AND STRUCTURAL ENGINEERS INFORMATION FOR ADDITIONAL DETAILS
 3. PRINT IN COLOUR
 4. ENSURE ALL FITTINGS INSTALLED ON THE DOMESTIC WATER INSTALLATION ARE WRAS APPROVED
 5. TRACE HEAT ALL EXTERNAL PIPEWORK
 6. WHEN INSTALLING PIPEWORK ON ROOF USE NON-PENETRATIVE SUPPORTS, EG BIGFOOT OR SIMILAR
 7. PROVIDE DRAINAGE TO HUMIDIFIERS USING COPPER PIPEWORK

- TEMPERATURE AND HUMIDITY SENSOR
- HTG — HEATING PIPEWORK
- CHW — CHILLED WATER PIPEWORK
- CWS — COLD WATER SERVICE PIPEWORK
- PIPEWORK DROP/RISE
- ISOLATION VALVE
- PUMP

- F&R CHILLED WATER PIPEWORK DROP DOWN FROM CHILLERS ON ROOF AND INTO PLANT ROOM
- F&R CHILLED WATER PIPEWORK DROP TO BELOW TO SERVE COOLING COIL
- F&R HEATING PIPEWORK DROP TO BELOW TO HEATING COIL
- F&R CHILLED WATER PIPEWORK BRANCHES OF MAIN AND RISES TO ABOVE TO GALLERY 4
- F&R LTHW PIPEWORK BRANCHES OF MAIN AND RISES TO ABOVE TO GALLERY 4
- NEW 40ø F&R CHILLED WATER PIPEWORK TO MAIN COOLING COIL
- NEW 32ø F&R CHILLED WATER PIPEWORK TO DEHUMIDIFICATION COIL
- NEW F&R HEATING PIPEWORK TO HEATING COIL
- NEW DOMESTIC WATER CONNECTION TO HUMIDIFIER
- NEW 20ø HTG F&R PIPEWORK TO POST-HEAT COIL
- PROVIDE TUNDISH AND COPPER DRAINAGE PIPE TO HUMIFIER — TAKE DRAINAGE PIPEWORK TO CLOSEST DRAINAGE POINT
- NEW 32ø HTG F&R PIPEWORK TO MAIN HEATING COIL
- NEW 20ø HTG F&R PIPEWORK TO POST-HEAT COIL
- PROVIDE TUNDISH AND COPPER DRAINAGE PIPE TO HUMIFIER — TAKE DRAINAGE PIPEWORK TO CLOSEST DRAINAGE POINT
- NEW 32ø HTG F&R PIPEWORK TO MAIN HEATING COIL
- NEW 20ø CWS CONNECTION TO HUMIDIFIER FROM LOW LEVEL PIPE DROP
- SANIFLO DRAINAGE UNIT PUMPS CONDENSATE FROM AHU01 TO EXISTING FLOOR GULLY BETWEEN AHU02 AND AHU03
- INTAKE DUCT AIR PLENUM FOR AHU3
- NEW RUN AROUND COIL AND PUMP
- EXISTING 15ø CWS PIPE RUNNING AT HIGH LEVEL
- F&R HEAT RECOVERY PIPEWORK RISES TO HIGH LEVEL
- CONNECT NEW CWS PIPEWORK TO EXISTING CWS PIPE DROP AT HIGH LEVEL
- NEW 40ø F&R CHILLED WATER PIPEWORK TO MAIN COOLING COIL
- NEW 25ø F&R CHILLED WATER PIPEWORK TO DEHUMIDIFICATION COIL
- CONNECT NEW 50ø F&R HEATING PIPEWORK BACK TO THE EXISTING ISOLATION VALVE OF EXISTING SECONDARY PUMP IN BOILER PLANT ROOM
- CONNECT CONDENSAT FROM COOLING COILS AND HUMIDIFIER TO EXISTING FLOOR GULLY
- NEW 20ø F&R HTG PIPEWORK TO POST-HEAT COIL
- NEW 20ø CWS PIPE CONNECTS TO HUMIDIFIER
- PROVIDE TUNDISH AND COPPER DRAINAGE PIPE TO HUMIFIER — TAKE DRAINAGE PIPEWORK TO CLOSEST DRAINAGE POINT
- NEW 32ø HTG F&R PIPEWORK TO MAIN HEATING COIL
- NEW 32ø F&R CHW PIPEWORK TO MAIN COOLING COIL
- NEW 25ø F&R CHW PIPEWORK TO DEHUMIDIFICATION COIL
- NEW 20ø HTG F&R PIPEWORK TO POST-HEAT COIL
- PROVIDE TUNDISH AND COPPER DRAINAGE PIPE TO HUMIFIER — TAKE DRAINAGE PIPEWORK TO CLOSEST DRAINAGE POINT
- NEW 32ø HTG F&R PIPEWORK TO MAIN HEATING COIL

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architect
DONALD INSALL ASSOCIATES

job title
WALKER ART GALLERY

project leader date scale (at A1)
MD SEPT '20 1:50

drawing title
PIPED SERVICES
BASEMENT
LAYOUT

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