- 1. PROVIDE SINGLE POINT POWER CONNECTION 480V/3Ø. PROVIDE 120V TRANSFORMER AS REQUIRED FOR HEATER OR OTHER INTERNAL NEEDS.
- 2. PROVIDE FACTORY MOUNTED DOOR INTERLOCKING NON-FUSED DISCONNECT SWITCH.
- 3. CHILLER MANUFACTURER SHALL PROVIDE INTEGRAL STARTERS. 4. PROVIDE SUCTION LINE ISOLATION SHUT-OFF VALVES FOR EACH CIRCUIT.
- 5. PROVIDE BACNET COMMUNICATION HARDWARE, SOFTWARE AND DDC BASED WATER TEMPERATURE CONTROLS. PROVIDE INTERFACE PANEL TO CHILLER. CHILLER FAULTS AND ALARMS SHALL BE INDICATED AT THE DDC SYSTEM HEAD END.
- 6. PROVIDE DUAL CHILLED WATER PUMP RELAY CONTACTS FOR DDC NOTIFICATION FOR CHILLED WATER PUMP(S) OPERATION.
- MAXIMUM ALLOWABLE SOUND POWER AND SOUND PRESSURE DATA IS LISTED ABOVE. SOUND PRESSURE LEVELS RATED IN ACCORDANCE WITH ARI STANDARD 370. ALL SOUND VALUES AT 100% FAN SPEED.
- MAXIMUM WEIGHTED SOUND PRESSURE IS 70.0 DBA AT 30.0 FEET FROM SIDES OF UNIT, MAXIMUM WEIGHTED SOUND POWER IS 99.0 DBA. PROVIDE COMPRESSOR SOUND ENCLOSURES AND QUIET FANS AS REQUIRED TO MEET THESE LEVELS.
- 9. PROVIDE PHASE VOLTAGE MONITOR, UNDER/ OVERVOLTAGE PROTECTION.
- 10. PROVIDE FACTORY MOUNTED AND WIRED THERMAL DISPERSION WATER FLOW PROVING SENSOR.
- 11. CAPACITIES LISTED ARE MINIMUM REQUIRED AT DESIGN CONDITIONS LISTED.
- 12. SHOULD THE CHILLER'S CONTROLLER DETECT LOSS OF EVAPORATOR WATER FLOW, THE CHILLER SHALL BE LATCHED OUT OF OPERATION UNTIL CLEARED AT THE CHILLER'S CONTROL PANEL. LOSS OF POWER AT THE CHILLER SHALL NOT CLEAR ITS CONTROLLER'S OPERATIONAL STATUS OR CONTROL LATCHED-OUT STATES.
- 13. CHILLERS ARE CONFIGURED FOR SERIES FLOW.
- 14. PROVIDE FACTORY COIL COATING. ENTIRE CHILLER FRAME AND CABINET SHALL BE COATED.
- 15. PROVIDE ALTERNATE PRICING FOR THE FOLLOWING (SEE SPECIFICATIONS):
- A. ALTERNATE A 5-YEAR PARTS WARRANTY. B. ALTERNATE B - 10-YEAR PARTS WARRANTY.
- C. ALTERNATE C 5-YEAR PARTS, LABOR, REFRIGERANT WARRANTY, AND PREVENTATIVE MAINTENANCE.
- D. ALTERNATE D 10-YEAR PARTS, LABOR, REFRIGERANT WARRANTY, AND PREVENTATIVE MAINTENANCE. 16. REFER TO SPECIFICATIONS.

CONTRACTOR SHALL FIELD INSTALL THE FOLLOWING:

- A. INSTALLING CONTRACTOR SHALL PROVIDE FIELD APPLIED STRAINER WITH PERFORATED (0.0625" HOLES) BASKET AT CHILLER INLET CONNECTION SIZE SHALL BE THE CONNECTING LINE SIZE AND NOT THE CHILLER INLET SIZE.
- B. INSTALLING CONTRACTOR SHALL FIELD APPLY 2" FLEXIBLE UNICELLULAR INSULATION EQUIVALENT TO ARMAFLEX ON ALL COLD SURFACES AND FACTORY INSULATION.



CHWP1

CHWP1

EXISTING AIR_ SEPARATOR - EXISTING EXPANSION TANK. CONFIRM BLADDER CONDITION. REMOVE —EXTERIOR RUST, PRIME PAINT, AND

CONCRETE

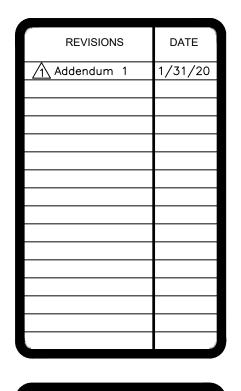
UNIT'S CONTROL

CONCRETE

PROVIDE BASKET STRAINERS

INSULATE WITH 2" FLEXIBLE

UNICELLULAR INSULATION



School Largo

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CWR CHECKED SRF 02.19.2020 SCALE AS NOTED JOB NO. 19070 DRAWING NO.