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READY TO ADVERTISE SUBMITTAL

GENERAL NOTES

1. ACCESS PANELS IN HARD SUSPENDED CEILINGS ARE REQUIRED FOR ALL VALVES, TRAPS, DAMPERS, CLEANOUTS, CONTROLS, ETC.
2. EXTERNAL STATIC PRESSURE (APD) NOTED IN THE SCHEDULES INCLUDES DUCT SYSTEM, DAMPERS, ETC.
3. FOR TYPICAL WATER PIPING CONNECTIONS TO EQUIPMENT, SEE STANDARD EQUIPMENT DETAILS.
4. WATER PIPE CONNECTIONS TO AIR COOLING COILS SHALL BE MADE TO PROVIDE COUNTER FLOW BETWEEN WATER AND AIR.
5. SEISMIC PROVISIONS REQUIRED - SEE SPECS.
6. ALL PRESSURES LISTED ARE GAGE PRESSURE UNLESS OTHERWISE NOTED

PIPING SYMBOLS

- RL—RL—RL— REFRIGERANT LIQUID
- RS—RS—RS— REFRIGERANT SUCTION
- D — D — D — DRAIN LINE
- CHS—CHS— CHILLED WATER SUPPLY
- CHR—CHR— CHILLED WATER RETURN

CONTROLS SYMBOLS

- (T) ROOM THERMOSTAT
- (TT) TEMPERATURE TRANSMITTER
- (SD) SMOKE DETECTOR
- (HS) HAND SWITCH (HAND-OFF-AUTO SWITCH)
- (PC) BUILDING CONTROLS SYSTEM, COMPUTER
- (SST) MOTOR STARTER
- - - - - CONTROL CONNECTION POINTS
- (TI) TEMPERATURE INDICATOR

GENERAL SYMBOLS

- DIRECTION OF FLOW
- ⌋ TOP CONNECTION, 45° OR 90°
- ⌋ BOTTOM CONNECTION, 45° OR 90°
- ⌋ SIDE CONNECTION
- ⌋ RISE OR DROP IN PIPE
- ⌋ UNION
- PIPE UP
- ⌋ PIPE DOWN
- ⊗ POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK
- ◐ LIMIT OF DEMOLITION

VALVE SYMBOLS

- ⌋ GATE VALVE - THREADED/FLANGED
- ⌋ GLOBE VALVE - THREADED/FLANGED
- ⌋ GATE VALVE WITH 3/4" HOSE ADAPTER
- ⌋ WYE STRAINER (WITH BALL VALVE & HOSE CONNECTION)
- ⌋ BALL VALVE
- ⌋ MODULATING CONTROL VALVE
- ⌋ THREE-WAY MODULATING CONTROL VALVE
- ⌋ STRAINER WITH VALVED DRAIN AND QUICK-COUPLE HOSE CONNECTOR

ABBREVIATIONS

- ACCU AIR-COOLED CONDENSING UNIT
- CCD COOLING COIL CONDENSATE DRAIN
- AFF ABOVE FLOOR FINISH
- CC COOLING COIL
- CFM CUBIC FEET PER MINUTE
- CHS CHILLED WATER SUPPLY
- CHR CHILLED WATER RETURN
- CP CONDENSATE PUMP
- CWCC CHILLED WATER COOLING COIL
- D DAMPER-AUTOMATIC
- FCUC FAN COIL UNIT COOLING ONLY
- FD FLOOR DRAIN
- GPM GALLONS PER MINUTE
- IN WC INCH WATER COLUMN
- PC PUMPED CONDENSATE
- TSTAT THERMOSTAT
- V VALVE
- RA RETURN AIR
- FE FLOW ELEMENT
- APD AIR PRESSURE DROP
- DDC DIRECT DIGITAL CONTROLS

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| | | CONSULTANTS: | | | | ARCHITECT/ENGINEERS: | | Drawing Title MECHANICAL LEGEND AND ABBREVIATIONS | | Project Title Birmingham VA Replacement of Elevators Eight and Nine | | Project Number 521-10-114 | | Office of Construction and Facilities Management | | | |
| | | | | | | POND Architects • Engineers • Planners 3500 Parkway Lane Suite 600 Norcross, Ga. 30092 Phone 678-336-7740 Fax 678-336-7744 Web www.pondco.com | | Approved: Project Director | | Location 700 South 19th St. Birmingham, AL | | Building Number 1A | | | | | |
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