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<pre>SED UP-10 THE TABLE TO USE OF TABLE TO US</pre>	SEED HEATING THIRD FLOOR PLAN  ALLINDIES R TO VERIFY THE EXACT LOCATIONS OF EXISTING R TO VERIFY THE YPES OF INPUT AND OUTPUT ON THE DUPMENT TO REMAIN PROR TO COMMENCING OF WORK.  CONTRACTOR FOR PWER REQUIREMENTS.	TO OW • NINNUM OF THE OF THE OBLIER SHALL BE 5 MIN. WINS POINTS SHALL BE TRENDED 1. BOILER PLANT RETURN WATER TEMPERATURE 2. BOILER PLANT RETURN WATER TEMPERATURE 2. BOILER PLANT RETURN WATER TEMPERATURE 3. BOILER PLANT RETURN WATER TEMPERATURE 3. BOILER PLANT RETURN WATER TEMPERATURE 3. BOILER PLANT SUPPLY WATER TEMPERATURE 4. BOILER SUPPLY HADER RETURN WATER TEMPERATURE 5. BOILER SUPPLY HADER RETURN WATER TEMPERATURE HI AND LO LIMITS 4. BOILER SUPPLY HADER RETURN WATER TEMPERATURE HI AND LO LIMITS 4. BOILER SUPPLY WATER TEMPERATURE HI AND LO LIMITS 4. BOILER PLANT PRESSURE HI AND LO LIMITS 4. BOILER PLANT PRESSURE HI AND LO LIMITS 4. BOILER SUPPLY WATER TEMPERATURE HI AND LO LIMITS 4. BOILER PLANT PRESSURE HI AND LO LIMITS 4. BOILER PLANT PRESSURE HI AND LO LIMITS 5. BOILER PLANT PRESSURE HI AND LO LIMITS 5. BOILER PLANT PRESSURE HIARD LO LIMITS 5. BOILER PLANT PRESSURE ALL BALES 5. BOILER SUPPLY WATER TEMPERATURE IS AND LO LIMITALIAN 5. BOILER SUPPLY WATER TEMPERATURE IS AND LO LIMITALIAN 5. BOILER SUPPLY AND TRANT OF PLANT BELOW TALLER PLANT PLANT AND MADER TEMPERATURE SET 5. BOILER SUPPLY AND CONTROL 5. BOILER SUPPLY AND TRANT OF A S A. SYSTEM OR CONTROLLED FROM ROOM LIGHT SWITCH SHALL BE CONTROLLED FROM BAS BY 5. SYSTEM 5. BOILER SUPPLY FAN STAKE TO BE MODULATED BASED ON RETURN WATER TEMPERATURE OF THE SECONDARY LOOP. 5. THE MONING VALVE CONTROL 5. SYSTEM 5.
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<ul> <li>Number of an one water sector and s</li></ul>	CTOR TO VERINY THE TWPES OF INPUT AND OUTPUT ON THE         SCULIMENT TO REMAR PROVIDE AND INSTALL LOW VOLTAGE         MOMERS AS REQUIRED FOR NEW BAS STSTALL COV COLTAGE         MOMERS AS REQUIRED FOR NEW BAS STSTALL COVORTAGE         ALL SYMBOLS MAY NOT APPEAR ON DRAWINGS.         DESCRPTION         REFRIGERANT SUCTION         REFRIGERANT SUCTION         REFRIGERANT SUCTION         REFRIGERANT SUCTION         REFRIGERANT LIQUID         PIPING RISER UP         PIPING RISER UP & DOWN         THERMOSTAT         TEMPERATURE SENSOR         CONTROL VALVE         3-WAY CONTROL VALVE         2-WAY CONTROL VALVE         STRAINER         MOTORIZED DAMPER         ISOLATION VALVE         CIRCUIT BALANCING VALVE         STRAINER         MOTORIZED DAMPER         ISOLATION VALVE         CIRCUIT BALANCING VALVE         STRAINER         MOTORI SENSOR         PHOTOCELL SENSOR         IICAL CONTRACTOR TO ALLOW FOR         IG OF ALL THE STRAINERS CONNECTED         HVAC SYSTEM AT THE SCHOOL.         IICAL CONTRACTOR TO ALLOW FOR PIPE         IG OF FACILITATE REPLACING THE         AND STORE IN AN APPLICABLE	BOLER 2 SUPPLY WATER TEMPERATURE     SOULER 2 SUPPLY WATER TEMPERATURE     SOULER SUPPLY HEADER PRESSURE  WING SHALL BE ALARM POINTS     SOULER PLANT RETURN PRETTURE HI AND LO LIMITS     BOLER PLANT RETURN WATER TEMPERATURE HI AND LO LIMITS     BOLER PLANT RETURN WATER TEMPERATURE HI AND LO LIMITS     BOLER PLANT RETURN THE TEMPERATURE HI AND LO LIMITS     BOLER PLANT RETURN THE TEMPERATURE HI AND LO LIMITS     BOLER PLANT RETURN THE TEMPERATURE HI AND LO LIMITS     BOLER PLANT RETURN THE TEMPERATURE HI AND LO LIMITS     BOLER PLANT RETURN THE TEMPERATURE HI AND LO LIMITS     BOLER PLANT RESSURE HI AND LO LIMIT ALARM     BOLER FALURE ALARM     BOLER FALURE ALARM     SOULER VALUER ALARM     SOULER VALUER ALARM     TO THE SPECIFICATIONS FOR DETAILS ON TRENDING AND ALARMING.     THE SPECIFICATIONS FOR DETAILS ON TRENDING AND ALARMING.     THE SOUND TEMPERATURE BENDERS BELOW -27, THE CONTROL VALVE SHALL MAINTAIN A MINMUM OPENING OF 30% EVEN IF     THE OUTSIDE TEMPERATURE DEDOPS BELOW -27, THE CONTROL VALVE SHALL MAINTAIN A MINMUM OPENING OF 30% EVEN IF     THE ROOM TEMPERATURE DAYSORS OPERATING THROUGH BAS TO MODULATE THE TWO-WAY CONTROL VALVE TO MAINTAIN ROOM TEMPERATURE     SET FOINT, THE OUTSIDE TEMPERATURE BODYS BELOW -27, THE CONTROL VALVE SHALL BE CONTROLLED FROM BAS BY     SCHEDULE ON BAS.     ST FANCION TEMPERATURE DAYSORS OPERATING THROUGH BAS TO MODULATE DAYSON THE AUTOR AND THAR TO PART OF A S.A. SYSTEM OR CONTROLLED FROM ROOM LIGHT SWITCH SHALL BE CONTROLLED FROM BAS BY     SCHEDULE.     THE MINING VALVE CONTROL     HOT WATER MINING VALVE CONTROL     HOT WATER MANNEY VALVE TO BE MODULATED BASED ON DIFFERENTIAL PRESSURE AS READ BY THE DIFFERENTIAL PRESSURE SENSOR.     A2, SAA AND SAA CONTROL, VARIBLE VOLUME UNITS)     THE MANNUNG VALVE CONTROL     HOT WATER MANNEY VALVE TO BE MODULATED BASED ON DIFFERENTIAL PRESSURE AS READ BY THE DIFFERENTIAL PRESSURE SENSOR.     A2, SAA AND SAA CONTROL, VARIBLE VOLUME UNITS)     HEAR MANDLING UNIT CONSISTS OF A MIKED AR BECTTON WITH OUTDOOR AIR, RETURN AIR DAMPER
Res Control in the SME RELIMINET.	LECTRICAL CONTRACTOR FOR POWER REQUIREMENTS.  ND - HVAC ALL SYMBOLS MAY NOT APPEAR ON DRAWINGS.  DESCRIPTION  REFRIGERANT SUCTON  REFRIGERANT  REFROVED  REFRICE	NING SHALL BE ALARM POINTS 1. BOILER PLANT SUPPLY WATER TEMPERATURE HI AND LO LIMITS 2. BOILER PLANT BUTPN WATER TEMPERATURE HI AND LO LIMITS 3. BOILER 1 SUPPLY WATER TEMPERATURE HI AND LO LIMITS 3. BOILER 1 SUPPLY WATER TEMPERATURE HI AND LO LIMITS 3. BOILER 1 SUPPLY WATER TEMPERATURE HI AND LO LIMITS 3. BOILER PLANT PRESSURE HI AND LO LIMITS 3. BOILER PLANT BUS SO PORTATION THENDING AND ALARMING. 3. BOILER PLANT BUS SO PORTATION THENDING AND ALARMING. 3. BOILER PLANT BUS SO PORTATION THEOLOGY BELOW 27C. THE CONTROL VALVE TO MAINTAIN AMINIMUM OPENING OF 30% EVEN IF THE ANON THE REATING ES AND SAY OFTHER DON THEOLOGY THE OFTHER CONTROL HOR MAINT IN AMINIMUM OPENING OF 30% EVEN IF THE AND HANDY TAND RETURN DATA OR THEOLOGY MORT SET POINT CHANGE SHALL BE ACTIVATED BY BAS. 3. BOILER PLANT DUE ON BAS. 3. STEAN CONTROL 3. STAIL CONTROL 3. STAIL CONTROL 4. STAIL DON'N THE THE SATES TON THE DIFFERENTIAL PRESSURE SENSOR. 4. AS AS AS DESCONTROL 4. THE MAINS VALVE ON THEOL 4. THE MAINS VALVE TO BE MODULATED BASED ON DIFFERENTIAL PRESSURE AS READ BY THE DIFFERENTIAL PRESSURE SENSOR. 4. AS AND SAY CONTROL INTO CONTROL DE AND SUPPLY FAN WITH REMOTE VARIABLE P
- HVAC     - EVAC	END - HVAC         ALL SYMBOLS MAY NOT APPEAR ON DRAWINGS.         DESCRIPTION         REFRIGERANT SUCTION         REFRIGERANT SUCTION         REFRIGERANT LIQUID         PIPING RISER UP         PIPING RISER UP         CONTROL VALVE         3-WAY CONTROL VALVE         2-WAY CONTROL VALVE         3-WAY CONTROL VALVE         2-WAY CONTROL VALVE         STRAINER         MOTORIZED DAMPER         ISOLATION VALVE         CIRCUIT BALANGING VAL	<ul> <li>BOLLER 1 SUPPLY WATER TEMPERATURE HI AND LO LIMITS</li> <li>BOLLER PATURE MEMERATURE HI AND LO LIMITS</li> <li>BOLLER PATURE VATER TEMPERATURE HI AND LO LIMITS</li> <li>BOLLER PATURE VATER TEMPERATURE HI AND LO LIMITS</li> <li>BOLLER PATURE PATER PERSENT HAND LO LIMIT ALARM</li> <li>BOLLER PATURE PATER PATURE PATURE ALARMS</li> <li>TO THE SPECIFICATIONS FOR DETAILS ON TRENDING AND ALARMING.</li> </ul> <b>TOTHE SPECIFICATIONS FOR DETAILS ON TRENDING AND ALARMING. THE WALL FIN, REHEAT COIL CONTROL. ROOM TEMPERATURE SENSORS OPERATING THROUGH BAS TO MODULATE THE TWO-WAY CONTROL VALVE TO MAINTAIN ROOM TEMPERATURE SENSORS OPERATING THROUGH BAS TO MODULATE THE TWO-WAY CONTROL VALVE TO MAINTAIN ROOM TEMPERATURE AS ETN SONT. THE OUTSIDE TO BENORS DEVEX. "2", THE CONTROL VALVE SANTAN A MINIAUM OPENING OF 30% EVEN IF THE ROOM TEMPERATURE IS SATISFIED. DAY, NIGHT SET POINT CHANGE SHALL BE ACTIVATED BY BAS. TICH W. PUMP CONTROLLED BY</b> SCHEDULE ON BAS. <b>STEAN CONTROL STEAN CONTROL CONTROL TO PART OF A S A.</b> SYSTEM OR CONTROLLED FROM ROOM LIGHT SWITCH SHALL BE CONTROLLED FROM BAS BY SOLFEDULE. <b>NETER MYSISS VALVE CONTROL HOT WATER MINION VALVE TO BE MODULATED BASED ON RETURN WATER TEMPERATURE OF THE SECONDARY LOOP. NETER BYSISS VALVE CONTROL HOT WATER MINION VALVE TO BE MODULATED BASED ON DIFFERENTIAL PRESSURE AS READ BY THE DIFFERENTIAL PRESSURE SENSOR. A2. A2. A3. A4. A4. A4. A4. A5. A5. A5. A1. A1. B3. B4. B4. B4. B3.</b> <p< td=""></p<>
Exception     In an order of a constant	DESCRIPTION         REFRICERANT SUCTION         REFRICERANT LIQUID         PIPING RISER UP         PIPING RISER UP         PIPING RISER UP & DOWN         THERMOSTAT         CONTROL VALVE         3-WAY CONTROL VALVE         2-WAY CONTROL VALVE         STRAINER         MOTORIZED DAMPER         STRAINER         MOTON SENSOR         PHOTOCELL SENSOR         MOTON SENSOR         PHOTOCELL SENSOR         MOTON SENSOR         PHOTOCELL SENSOR         CO         ATION VALVE         STRAINER         MARE NO REF-FILL BACK INTO THE HEATING         AND STORE IN AN APPLICABLE         TAINER TO RE-FILL BACK INTO THE         HAN CAL CONTRACTOR TO ALLOW FOR PIPE         ZAFTER CLEANING THE STRAINERS.         ANION VALVES IN THE VICINITY OF THE </td <td><ul> <li>DOLLER FAILURE ALARM</li> <li>ALL HOT WATER PUMP FAILURE ALARMS</li> <li>TO THE SPECIFICATIONS FOR DETAILS ON TRENDING AND ALARMING.</li> <li>THE ALL FINY REHEAT COLL CONTROL</li> <li>ROOM TEMPERATURES ESNOOS OPERATING THROUGH BAS TO MODULATE THE TWO-WAY CONTROL VALVE TO MAINTAIN ROOM TEMPERATURE THE ROOT SPECIFICATIONS OPERATING THROUGH BAS TO MODULATE THE TWO-WAY CONTROL VALVE TO MAINTAIN ROOM TEMPERATURE AT SET POINT. IF THE OUTSIDE TEMPERATURE DROPS BELOW -2°C, THE CONTROL VALVE SHALL MAINTAIN A MINIMUM OPENING OF 30% EVEN IF THE ROOM TEMPERATURE SENSORS OPERATING THE TO THE THE TWO-WAY CONTROL VALVE TO MAINTAIN ROOM TEMPERATURE AT SET POINT. IF THE OUTSIDE TEMPERATURE DROPS BELOW -2°C, THE CONTROL VALVE SHALL MAINTAIN A MINIMUM OPENING OF 30% EVEN IF THE ROOT TEMPERATURE IS SATISFIED. DAY' NIGHT SET POINT CHANGE SHALL BE ACTIVATED BY BAS.</li> <li>TICH W. PUMP CONTROLLED BY SCHEDULE ON BAS.</li> <li><u>ST FAN CONTROL</u></li> <li>ST FAN CONTROL</li> <li>MAINING VALVE CONTROL</li> <li>HOT WATER MIXING VALVE TO BE MODULATED BASED ON RETURN WATER TEMPERATURE OF THE SECONDARY LOOP.</li> <li><u>ATER MIXING VALVE CONTROL</u></li> <li>HOT WATER BYPASS VALVE TO BE MODULATED BASED ON DIFFERENTIAL PRESSURE AS READ BY THE DIFFERENTIAL PRESSURE SENSOR.</li> <li>AZ: SAS AND SAG CONTROL (VARIABLE YOLUME UNITS)</li> <li>THE AR HANDLING UNIT CONSISTS OF A MIXED AR SECTION WITH OUTDOOR AIR, RETURN AIR DAMPERS, FILTER, CHILLED WATER COOLING COIL, HOT WATER HEATING COIL, AND SUPPLY FAN WITH REMOTE VARIABLE FREQUENCY DRIVE. THE REMOTE RETURN AIR DAMPERS, THE COULING THR COCCUPIED MODE, THE VIEW AND SCHEDULED FOR AUTOMATIC OPERATION ON A TIME OF DAY BASIS FOR OCCUPIED AND UNOCCUPIED MODES. WITHIN THE COCKED THROUGH BAS CONTROL. THE REMOTE RETURN JAIR DAMPERS, FILTER, CHILLED WATER COOLING COLLADOWN MODE UNTIL THE MODE SET POINT IS SATISFIED. THE LATEST START TIME IS THE SCHED UNDED THROUGH THE BAS SYSTEM.</li> <li>THE AIR HANDLING UNIT AND RETURN FAN IS SCHEDULED FOR A</li></ul></td>	<ul> <li>DOLLER FAILURE ALARM</li> <li>ALL HOT WATER PUMP FAILURE ALARMS</li> <li>TO THE SPECIFICATIONS FOR DETAILS ON TRENDING AND ALARMING.</li> <li>THE ALL FINY REHEAT COLL CONTROL</li> <li>ROOM TEMPERATURES ESNOOS OPERATING THROUGH BAS TO MODULATE THE TWO-WAY CONTROL VALVE TO MAINTAIN ROOM TEMPERATURE THE ROOT SPECIFICATIONS OPERATING THROUGH BAS TO MODULATE THE TWO-WAY CONTROL VALVE TO MAINTAIN ROOM TEMPERATURE AT SET POINT. IF THE OUTSIDE TEMPERATURE DROPS BELOW -2°C, THE CONTROL VALVE SHALL MAINTAIN A MINIMUM OPENING OF 30% EVEN IF THE ROOM TEMPERATURE SENSORS OPERATING THE TO THE THE TWO-WAY CONTROL VALVE TO MAINTAIN ROOM TEMPERATURE AT SET POINT. IF THE OUTSIDE TEMPERATURE DROPS BELOW -2°C, THE CONTROL VALVE SHALL MAINTAIN A MINIMUM OPENING OF 30% EVEN IF THE ROOT TEMPERATURE IS SATISFIED. DAY' NIGHT SET POINT CHANGE SHALL BE ACTIVATED BY BAS.</li> <li>TICH W. PUMP CONTROLLED BY SCHEDULE ON BAS.</li> <li><u>ST FAN CONTROL</u></li> <li>ST FAN CONTROL</li> <li>MAINING VALVE CONTROL</li> <li>HOT WATER MIXING VALVE TO BE MODULATED BASED ON RETURN WATER TEMPERATURE OF THE SECONDARY LOOP.</li> <li><u>ATER MIXING VALVE CONTROL</u></li> <li>HOT WATER BYPASS VALVE TO BE MODULATED BASED ON DIFFERENTIAL PRESSURE AS READ BY THE DIFFERENTIAL PRESSURE SENSOR.</li> <li>AZ: SAS AND SAG CONTROL (VARIABLE YOLUME UNITS)</li> <li>THE AR HANDLING UNIT CONSISTS OF A MIXED AR SECTION WITH OUTDOOR AIR, RETURN AIR DAMPERS, FILTER, CHILLED WATER COOLING COIL, HOT WATER HEATING COIL, AND SUPPLY FAN WITH REMOTE VARIABLE FREQUENCY DRIVE. THE REMOTE RETURN AIR DAMPERS, THE COULING THR COCCUPIED MODE, THE VIEW AND SCHEDULED FOR AUTOMATIC OPERATION ON A TIME OF DAY BASIS FOR OCCUPIED AND UNOCCUPIED MODES. WITHIN THE COCKED THROUGH BAS CONTROL. THE REMOTE RETURN JAIR DAMPERS, FILTER, CHILLED WATER COOLING COLLADOWN MODE UNTIL THE MODE SET POINT IS SATISFIED. THE LATEST START TIME IS THE SCHED UNDED THROUGH THE BAS SYSTEM.</li> <li>THE AIR HANDLING UNIT AND RETURN FAN IS SCHEDULED FOR A</li></ul>
Emergence         Emergence           Emergence         Emerge	REFRIGERANT SUCTION       REFRIGERANT LIQUID         REFRIGERANT LIQUID       HOT W/         PIPING RISER UP       DOMES         PIPING RISER UP & DOWN       DOMES         THERMOSTAT       EXHAUS         CONTROL VALVE       HOT W/         3-WAY CONTROL VALVE       HOT W/         2-WAY CONTROL VALVE       HOT W/         2-WAY CONTROL VALVE       HOT W/         2-WAY CONTROL VALVE       SA-1.SI         MOTORIZED DAMPER       HOT W/         ISOLATION VALVE       SA-1.SI         CIRCUIT BALANCING VALVE       HOT W/         STRAINER       STRAINER         MOTION SENSOR       W/         HUMIDITY SENSOR       W/         MOTION SENSOR       W/         NICAL CONTRACTOR TO ALLOW FOR       FOR         FOR COLLECTING GLYCOL FROM THE       A AND STORE IN AN APPLICABLE         INER TO RE-FILL BACK INTO THE HEATING       AFTER CLEANING THE STRAINERS.         ION VALVES IN THE VICINITY OF THE       SI	TTER WALL FIN REHEAT COIL CONTROL         ROOM TEMPERATURE SENSORS OPERATING THROUGH BAS TO MODULATE THE TWO-WAY CONTROL VALVE TO MAINTAIN ROOM TEMPERATURE OF 30%, EVEN IF         AT SET POINT, IF THE OUTSIDE TEMPERATURE DROPS BELOW -2°C, THE CONTROL VALVE SHALL MAINTAIN A MINIMUM OPENING OF 30%, EVEN IF         THE ROOM TEMPERATURE IS SATISFIED. DAY/ NIGHT SET POINT CHANGE SHALL BE ACTIVATED BY BAS.         TICH W. PUMP         CONTROLLED BY SCHEDULE ON BAS.         ST FAN CONTROL         EACH EXHAUST FAN NOT PART OF A S.A. SYSTEM OR CONTROLLED FROM ROOM LIGHT SWITCH SHALL BE CONTROLLED FROM BAS BY         SCHEDULE.         YTER MIXING VALVE CONTROL         HOT WATER MIXING VALVE TO BE MODULATED BASED ON RETURN WATER TEMPERATURE OF THE SECONDARY LOOP.         TTER BYPASS VALVE TO BE MODULATED BASED ON RETURN WATER TEMPERATURE OF THE SECONDARY LOOP.         THE REMEMONING VALVE TO BE MODULATED BASED ON DIFFERENTIAL PRESSURE AS READ BY THE DIFFERENTIAL PRESSURE SENSOR.         A2: SA-5 AND SA-6 CONTROL         HOT WATER BYPASS VALVE TO BE MODULATED BASED ON DIFFERENTIAL PRESSURE AS READ BY THE DIFFERENTIAL PRESSURE SENSOR.         A2: SA-5 AND SA-6 CONTROL (VARIABLE VOLUME UNITS)         THE AIR HANDLING UNIT CONSISTS OF A MIXED AIR SECTION WITH OUTDOOR AIR, RETURN AIR DAMPERS, FILTER, CHILLED WATER COOLING         COLI, HOT WATER HEATING COLI, AND SUPPLY FAN WITH REMOTE VARIABLE FREQUENCY DRIVE. THE REMOTE RETURNE NUTH REMOTE VARIABLE FREQUENCY DRIVE IS INTER LOCKED THROUGH BAS CONTROL. THE REMOTE EXHAUST DAMPER IS CONTROLLED THROUGH THE BAS SYSTE
Part Bill I         Part Bill I         Part Bill I         Part Bill II         Part Bill III         Part Bill III         Part Bill III         Part Bill IIII         Part Bill IIIII         Part Bill IIIIII         Part Bill IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	PIPING RISER UP       PIPING DROP         PIPING RISER UP & DOWN       DOMES         THERMOSTAT       EXHAUS         TEMPERATURE SENSOR       EXHAUS         CONTROL VALVE       DOMES         3-WAY CONTROL VALVE       HOT WAY         2-WAY CONTROL VALVE       SA-1.S         FUMP       STRAINER         MOTORIZED DAMPER       ISOLATION VALVE         CIRCUIT BALANCING VALVE       CHECK VALVE         CIRCUIT BALANCING VALVE       STRAINER         CIRCUIT BALANCING VALVE       WATCH SENSOR         MOTION SENSOR       PHOTOCELL SENSOR         MUMIDITY SENSOR       WATCH SYSTEM AT THE SCHOOL.         CAL CONTRACTOR TO ALLOW FOR       FOR         CAL CONTRACTOR TO ALLOW FOR PIPE       CONTRACTOR TO ALLOW FOR PIPE         STAIL BE CLOSED IN ORDER TO       THE STRAINER FOR CLEANING.         CAL CONTRACTOR TO ALLOW FOR PIPE       SUMALL BE CLOSED IN ORDER TO         THE STRAINER FOR CLEANING.       SUMALL FINS, ORS, CABINET UNIT HEATERS AND UNIT	ROOM TEMPERATURE SENSORS OPERATING THROUGH BAS TO MODULATE THE TWO-WAY CONTROL VALVE TO MAINTAIN ROOM TEMPERATURE AT SET POINT, IF THE OUTSIDE TEMPERATURE DROPS BELOW -2°C, THE CONTROL VALVE SHALL MAINTAIN A MINIMUM OPENING OF 30% EVEN IF THE ROOM TEMPERATURE IS SATISFIED. DAY/ NIGHT SET POINT CHANGE SHALL BE ACTIVATED BY BAS. TICH MY PUMP CONTROLLED BY SCHEDULE ON BAS. ST FAN CONTROL EACH EXHAUST FAN NOT PART OF A S.A. SYSTEM OR CONTROLLED FROM ROOM LIGHT SWITCH SHALL BE CONTROLLED FROM BAS BY SCHEDULE. THE MIXING VALVE CONTROL HOT WATER MIXING VALVE TO BE MODULATED BASED ON RETURN WATER TEMPERATURE OF THE SECONDARY LOOP. ATTER MIXING VALVE CONTROL HOT WATER MIXING VALVE TO BE MODULATED BASED ON RETURN WATER TEMPERATURE OF THE SECONDARY LOOP. ATTER MIXING VALVE TO BE MODULATED BASED ON DIFFERENTIAL PRESSURE AS READ BY THE DIFFERENTIAL PRESSURE SENSOR. A2; 3A-5 AND SA-6 CONTROL HOT WATER MIXING COLL (VARIABLE VOLUME UNITS) THE AIR HANDLING UNIT CONSISTS OF A MIXED AIR SECTION WITH OUTDOOR AIR, RETURN AIR DAMPERS, FILTER, CHILLED WATER COOLING COLL, HOT WATER HEATING COLL, AND SUPPLY FAN WITH REMOTE VARIABLE FREQUENCY DRIVE. THE REMOTE RETURN FAN WITH REMOTE VARIABLE FREQUENCY DRIVE IS INTER LOCKED THROUGH BAS CONTROL. THE REMOTE EXHAUST DAMPER IS CONTROLLED THROUGH THE BAS SYSTEM. THE AIR HANDLING UNIT AND RETURN FAN IS SCHEDULED FOR AUTOMATIC OPERATION ON A TIME OF DAY BASIS FOR OCCUPIED AND UNOCCUPIED MODES. WITHIN THE OCCUPIED MODE, THE SYSTEM CAN ENTER THE WARM-UP MODE WHEN THE SPACE TEMPERATURE IS BELOW SET POINT OR THE COOL-DOWN. MODE WHEN THE SPACE TEMPERATURE IS ADVE SET POINT. THE SYSTEM STAYS IN THE WARMUP OR COOLDOWN MODE UNTIL THE MODE SET POINT IS SATISFIED. THE LATEST START TIME IS THE SCHEDULED ACCUPANCY FOR THE SPACE. THE AIR HANDLING UNIT OPERATES IN WARM-UP, COOL-DOWN, OCCUPIED, NIOCCUPIED, NIGHT HEATING AND SAFETY MODES AS FOLLOWS (ALL SUGGESTED SET POINTS AND SETTINGS ARE ADJUSTABLE. ARM-UP THE SUPPLY FAN STARTS. THE MIXING DAMPERS ARE POSITIONED FOR 100%. RETURN AIR. THE 3-WAY HEATING VALV
PHOUSE TRUE	PIPING DROP         PIPING RISER UP & DOWN         THERMOSTAT         TEMPERATURE SENSOR         CONTROL VALVE         3-WAY CONTROL VALVE         2-WAY CONTROL VALVE         HOT WA         2-WAY CONTROL VALVE         HOT WA         STRAINER         MOTORIZED DAMPER         ISOLATION VALVE         CIRCUIT BALANCING VALVE         STRAINER         REMOVED         HUMIDITY SENSOR         MOTION SENSOR         PHOTOCELL SENSOR         CAL CONTRACTOR TO ALLOW FOR         OR COLLECTING GLYCOL FROM THE         AND STORE IN AN APPLICABLE         ER TO RE-FILL BACK INTO THE HEATING         TER CLEANING THE STRAINERS.         N VALVES IN THE VICINITY OF THE         R SHA	THE ROOM TEMPERATURE IS SATISFIED. DAY/ NIGHT SET POINT CHANGE SHALL BE ACTIVATED BY BAS. TICH MY, PUMP CONTROLLED BY SCHEDULE ON BAS. ST FAN CONTROL EACH EXHAUST FAN NOT PART OF A S.A. SYSTEM OR CONTROLLED FROM ROOM LIGHT SWITCH SHALL BE CONTROLLED FROM BAS BY SCHEDULE. ATTER MIXING VALVE CONTROL HOT WATER MIXING VALVE TO BE MODULATED BASED ON RETURN WATER TEMPERATURE OF THE SECONDARY LOOP. MTER MIXING VALVE CONTROL HOT WATER MIXING VALVE TO BE MODULATED BASED ON DIFFERENTIAL PRESSURE AS READ BY THE DIFFERENTIAL PRESSURE SENSOR. A.2, SA-5 AND SA-6 CONTROL HOT WATER MIXING CONSISTS OF A MIXED AIR SECTION WITH OUTDOOR AIR, RETURN AIR DAMPERS, FILTER, CHILLED WATER COOLING COL, HOT WATER HEATING COL, AND SUPPLY FAN WITH REMOTE VARIABLE FREQUENCY DRIVE. THE REMOTE RETURN FAN WITH REMOTE VARIABLE FREQUENCY DRIVE IS INTER LOCKED THROUGH BAS CONTROL. THE REMOTE EXHAUST DAMPER IS CONTROLLED THROUGH THE BAS SYSTEM. THE AIR HANDLING UNIT AND RETURN FAN IS SCHEDULED FOR AUTOMATIC OPERATION ON A TIME OF DAY BASIS FOR OCCUPIED AND UNOCCUPIED MODES. WITHIN THE COCLOPIED MODE, THE SYSTEM CAN EMTER THE WARN-UP MODE WHEN THE SPACE TEMPERATURE IS BELOW SET POINT OR THE COCLOOWN MODE WHEN THE SPACE TEMPERATURE IS ABOVE SET POINT. THE SYSTEM STAYS IN THE WARMUP OR COOL-DOWN MODE UNTIL THE MODE SET POINT IS SATISFIED. THE LATEST START TIME IS THE SCHEDULED OCCUPANCY FOR THE SPACE. THE AIR HANDLING UNIT OPERATES IN WARM-UP, COOL-DOWN, OCCUPIED, NIGHT HEATING AND SAFETY MODES AS FOLLOWS (ALL SUGGESTED SET POINTS AND SETTINGS ARE ADJUSTABLE. ARM-UP THE SUPPLY FAN STARTS. THE MIXING DAMPERS ARE POSITIONED FOR 100% RETURN AIR. THE 3-WAY HEATING VALVE MODULATES TO MAINTAIN THE SUPPLY AR TEMPERATURE SATE POINT. IF SYSTEM CAN EACHES THE LATEST START TIME DURING THE WARM-UP. MODE MORE THAN ONCE PER DAY. OOL-DOWN THE SUPPLY AND RETURN FANS START. THE 3 WAY COOLING COUL VALVES AND THE MIXING DAMPERS MODULATE SO THE WARM-UP. MODE MORE THAN ONCE PER DAY.
TORKELEPS (2004)         CORRELEPS (2004)           CORRELEPS (2004)	PIPING RISER UP & DOWN         THERMOSTAT         TEMPERATURE SENSOR         CONTROL VALVE         3-WAY CONTROL VALVE         2-WAY CONTROL VALVE         2-WAY CONTROL VALVE         PUMP         STRAINER         MOTORIZED DAMPER         ISOLATION VALVE         CREUT BALANCING VALVE         CIRCUT BALANCING VALVE         CHECK VALVE         STRAINER         REMOVED         HUMIDITY SENSOR         MOTION SENSOR         PHOTOCELL SENSOR         CAL CONTRACTOR TO ALLOW FOR         G OF ALL THE STRAINERS CONNECTED         HVAC SYSTEM AT THE SCHOOL.         COR COLLECTING GLYCOL FROM THE         AND STORE IN AN APPLICABLE         ER TO RE-FILL BACK INTO THE HEATING         TER CLEANING THE STRAINERS.         N VALVES IN THE VICINITY OF THE         R SHALL BE CLOSED IN ORDER TO         THE STRAINER FOR CLEANING.         CAL CONTRACTOR TO ALLOW FOR PIPE         G TO FACILITATE REPLACING THE         ALVES FOR REHEAT COILS, WALL FINS, TORS, CABINET UNIT HEATERS AND UNIT         CAL CONTRACTOR TO ALLOW FOR PIPE         S TO FACILITATE REPLACING THE         ALVES FOR REHEAT COILS, WALL FINS, TORS, CABINET UNIT HEATERS AND UN	CONTROLLED BY SCHEDULE ON BAS. ST FAN CONTROL EACH EXHAUST FAN NOT PART OF A S.A. SYSTEM OR CONTROLLED FROM ROOM LIGHT SWITCH SHALL BE CONTROLLED FROM BAS BY SCHEDULE. ATER MIXING VALVE CONTROL HOT WATER MIXING VALVE TO BE MODULATED BASED ON RETURN WATER TEMPERATURE OF THE SECONDARY LOOP. ATER BYPASS VALVE CONTROL HOT WATER MIXING VALVE TO BE MODULATED BASED ON DIFFERENTIAL PRESSURE AS READ BY THE DIFFERENTIAL PRESSURE SENSOR. A.2. SA-5 AND SA-6 CONTROL (VARIABLE VOLUME UNITS) THE AIR HANDLING UNIT CONSISTS OF A MIXED AIR SECTION WITH OUTDOOR AIR, RETURN AIR DAMPERS, FILTER, CHILLED WATER COOLING COL, HOT WATER HEATING COL, AND SUPPLY FAN WITH REMOTE VARIABLE FREQUENCY DRIVE. THE REMOTE RETURN FAN WITH REMOTE VARIABLE FREQUENCY DRIVE IS INTER LOCKED THROUGH BAS CONTROL. THE REMOTE EXHAUST DAMPER IS CONTROLLED THROUGH THE BAS SYSTEM. THE AIR HANDLING UNIT AND RETURN FAN IS SCHEDULED FOR AUTOMATIC OPERATION ON A TIME OF DAY BASIS FOR OCCUPIED AND UNOCCUPIED MODES. WITHIN THE COCUPIED MODE, THE SYSTEM CAN ENTER THE WARM-UP MODE WHEN THE SYSTEM STARS. THE AIR HANDLING UNIT AND RETURN FAN IS SCHEDULED FOR AUTOMATIC OPERATION ON A TIME OF DAY BASIS FOR OCCUPIED AND UNOCCUPIED MODES. WITHIN THE OCOLDOWN MODE WHEN THE SPACE TEMPERATURE IS ABOVE SET POINT. THE SYSTEM STAYS IN THE WARM-UP OR COOL-DOWN MODE UNTIL THE MODE SET POINT IS SATISFIED. THE LATEST START TIME IS THE SCHEDULED OCCUPANCY FOR THE SPACE. THE AIR HANDLING UNIT OPERATES IN WARM-UP, COOL-DOWN, OCCUPIED, UNOCCUPIED, NIGHT HEATING AND SAFETY MODES AS FOLLOWS (ALL SUGGESTED SET POINTS AND SETTINGS ARE ADJUSTABLE. 'ARM-UP THE SUPPLY FAN STARTS. THE MIXING DAMPERS ARE POSITIONED FOR 100% RETURN AIR. THE 3-WAY HEATING VALVE MODULATES TO MAINTAIN THE SUPPLY AIR TEMPERATURE SET POINT. IF TIME REACHES THE LATEST START TIME DURING THE WARM-UP MODE. THE AURTAIN THE SUPPLY AND RETURN FANS START. THE 3 WAY COOLIDON. THE SYSTEM IS PREVENTED FROM ENTERING THE WARM-UP MODE. THE OUTDOOR AIR DAMPER OPENS TO ITS MINIMUM POSITION. THE SYSTEM IS PREV
Control         Control           Control         Cont	TEMPERATURE SENSOR         CONTROL VALVE         3-WAY CONTROL VALVE         2-WAY CONTROL VALVE         PUMP         STRAINER         MOTORIZED DAMPER         ISOLATION VALVE         CIRCUIT BALANCING VALVE         CIRCUIT SENSOR         MOTION SENSOR         PHOTOCELL SENSOR         WUMDITY SENSOR         MOTION SENSOR         PHOTOCELL SENSOR         CAL CONTRACTOR TO ALLOW FOR PIE         CAL CONTRACTOR TO ALLOW FOR PIPE         S TO FACILITATE REPLACING THE         N VALVES IN THE VICINITY OF THE         S HALL BE CLOSED IN ORDER TO         THE STRAINER FOR CLEANING.         CAL CONTRACTOR TO ALLOW FOR PIPE         S T	EACH EXHAUST FAN NOT PART OF A S.A. SYSTEM OR CONTROLLED FROM ROOM LIGHT SWITCH SHALL BE CONTROLLED FROM BAS BY SCHEDULE. ATER MIXING VALVE CONTROL HOT WATER MIXING VALVE TO BE MODULATED BASED ON RETURN WATER TEMPERATURE OF THE SECONDARY LOOP. ATER BYPASS VALVE CONTROL HOT WATER BYPASS VALVE TO BE MODULATED BASED ON DIFFERENTIAL PRESSURE AS READ BY THE DIFFERENTIAL PRESSURE SENSOR. A-2, SA-5 AND SA-6 CONTROL (VARIABLE VOLUME UNITS) THE AIR HANDLING UNIT CONSISTS OF A MIXED AIR SECTION WITH OUTDOOR AIR, RETURN AIR DAMPERS, FILTER, CHILLED WATER COOLING COIL, HOT WATER HEATING COIL, AND SUPPLY FAN WITH REMOTE VARIABLE FREQUENCY DRIVE. THE REMOTE RETURN FAN WITH REMOTE VARIABLE FREQUENCY DRIVE IS INTER LOCKED THROUGH BAS CONTROL. THE REMOTE EXHAUST DAMPER IS CONTROLLED THROUGH THE BAS SYSTEM. THE AIR HANDLING UNIT AND RETURN FAN IS SCHEDULED FOR AUTOMATIC OPERATION ON A TIME OF DAY BASIS FOR OCCUPIED AND UNOCCUPIED MODES. WITHIN THE OCCUPIED MODE, THE SYSTEM CAN ENTER THE WARM-UP MODE WHEN THE SPACE TEMPERATURE IS ABOVE SET POINT. THE SYSTEM STAYS IN THE WARM-UP OR COOL-DOWN MODE UNTIL THE MODE SET POINT IS SATISFIED. THE LATEST START TIME IS THE SCHEDULED OCCUPANCY FOR THE SPACE. THE AIR HANDLING UNIT OPERATES IN WARM-UP, COOL-DOWN, OCCUPIED, UNOCCUPIED, NIGHT HEATING AND SAFETY MODES AS FOLLOWS (ALL SUGGESTED SET POINTS AND SETTINGS ARE ADJUSTABLE. ARM-UP THE SUPPLY FAN STARTS. THE MIXING DAMPERS ARE POSITIONED FOR 100% RETURN AIR. THE 3-WAY HEATING VALVE MODULATES TO MAINTAIN THE SUPPLY AIR TEMPERATURE SET POINT. IF TIME REACHES THE LATEST START TIME DURING THE WARM-UP MODE, THE AURTAUNT ORE ARE OPENS TO ITS MINIMUM POSITION. THE SYSTEM IS PREVENTED FROM ENTERING THE WARM-UP MODE, THE SUPPLY FAN STARTS. THE MIXING DAMPERS ARE POSITIONED FOR 100% RETURN AIR. THE 3-WAY HEATING VALVE MODULATES TO MAINTAIN THE SUPPLY AIR TEMPERATURE SET POINT. IF TIME REACHES THE LATEST START TIME DURING THE WARM-UP MODE, THE OUTDOOR AIR DAMPER OPENS TO ITS MINIMUM POSITION. THE SYSTEM IS PREVENTED FROM ENTERI
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Description         Description         Description         Description           Description         Description         Description         Description           MANUAR         Description	CIRCUIT BALANCING VALVE CHECK VALVE STRAINER REMOVED HUMIDITY SENSOR MOTION SENSOR PHOTOCELL SENSOR CAL CAL CONTRACTOR TO ALLOW FOR G OF ALL THE STRAINERS CONNECTED HVAC SYSTEM AT THE SCHOOL. OR COLLECTING GLYCOL FROM THE AND STORE IN AN APPLICABLE ER TO RE-FILL BACK INTO THE HEATING TER CLEANING THE STRAINERS. N VALVES IN THE VICINITY OF THE S SHALL BE CLOSED IN ORDER TO THE STRAINER FOR CLEANING. CAL CONTRACTOR TO ALLOW FOR PIPE G TO FACILITATE REPLACING THE LVES FOR REHEAT COILS, WALL FINS, ORS, CABINET UNIT HEATERS AND UNIT	<ul> <li>WARM-UP OR COOL-DOWN MODE UNTIL THE MODE SET POINT IS SATISFIED. THE LATEST START TIME IS THE SCHEDULED OCCUPANCY FOR THE SPACE.</li> <li>THE AIR HANDLING UNIT OPERATES IN WARM-UP, COOL-DOWN, OCCUPIED, UNOCCUPIED, NIGHT HEATING AND SAFETY MODES AS FOLLOWS (ALL SUGGESTED SET POINTS AND SETTINGS ARE ADJUSTABLE.</li> <li>YARM-UP THE SUPPLY FAN STARTS. THE MIXING DAMPERS ARE POSITIONED FOR 100% RETURN AIR. THE 3-WAY HEATING VALVE MODULATES TO MAINTAIN THE SUPPLY AIR TEMPERATURE SET POINT. IF TIME REACHES THE LATEST START TIME DURING THE WARM-UP MODE, THE OUTDOOR AIR DAMPER OPENS TO ITS MINIMUM POSITION. THE SYSTEM IS PREVENTED FROM ENTERING THE WARM-UP MODE MORE THAN ONCE PER DAY. OOL-DOWN THE SUPPLY AND RETURN FANS START. THE 3 WAY COOLING COIL VALVES AND THE MIXING DAMPERS MODULATE TO MAINTAIN THE SUPPLY AIR TEMPERATURE SET POINT. WHEN THE OUTSIDE AIR-DRY BULB TEMPERATURE IS ABOVE THE ECONOMIZER</li></ul>
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OF ALL THE STRAINERS CONNECTED         VAC SYSTEM AT THE SCHOOL         R COLLECTING GLYCOL FROM THE         NO COLLECTING GLYCOL FROM THE         NO STORE IN AN APPLICABLE         LO RECTING THE STRAINERS.         VALVES IN THE VICINITY OF THE         STALL BE CLOSED IN DORDER TO         SHALL BE CLOSED IN DORDER TO         SHALL BE CLOSED IN DORDER TO         SHALL BE CLOSED IN DORDER TO         SET FOR CHEAR TO         SCOLLECTING GLYCOL FROM THE         VALVES ARE CLOSED IN DORDER TO         SHALL BE CLOSED IN DORDER TO         STAINER FOR CLEANING.         SCOLLECTING GLYCOL FROM THE         SCOLLECTING GLYCOL FROM THE         SCOLLEGATING CHEAR STALL         VALVES IN THE VICINITY OF THE         SHALL BE CLOSED IN DORDE TO         SCOLLECTING GLYCOL FROM THE         SCOLLECTING GLYCOL FROM THE         SCOLLECTING GLYCOL FROM THE         SCOLLECTING GLYCOL FROM THE         VALVES ARE CLOSED IN DORDER TO         SCOLLECTING GLYCOL FROM THE         SCOLLEGANING         SCOLLEGANING         SCOLLEGANING         SCOLLEGANING         SCOLLEGANING         SCOLLINER FROM SEGNER STRAINER ARE STRAINER ARE STRAINER AND STRAIN CONDERCE TO MANDAL SCHOOLE AND ALLONE AND AL	G OF ALL THE STRAINERS CONNECTED HVAC SYSTEM AT THE SCHOOL. FOR COLLECTING GLYCOL FROM THE AND STORE IN AN APPLICABLE ER TO RE-FILL BACK INTO THE HEATING TER CLEANING THE STRAINERS. N VALVES IN THE VICINITY OF THE R SHALL BE CLOSED IN ORDER TO THE STRAINER FOR CLEANING. ICAL CONTRACTOR TO ALLOW FOR PIPE G TO FACILITATE REPLACING THE ALVES FOR REHEAT COILS, WALL FINS, TORS, CABINET UNIT HEATERS AND UNIT S.	
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<ul> <li>VD. STORE IN AN APPLICABLE</li> <li>VD. STORE IN AN APPLICABLE</li> <li>COULPED MODE</li> <li>CI CRE-FILL BACK INTO THE HEATING</li> <li>VALVES IN THE VICINITY OF THE SHALL BE CLOSED IN ORDER TO HE STRAINER FOR CLEANING.</li> <li>VD. VD. KOPER TO HE STRAINER FOR CLEANING.</li> <li>VD. VD. VD. VD. VD. VD. VD. VD. VD. VD.</li></ul>	NER TO RE-FILL BACK INTO THE HEATING AFTER CLEANING THE STRAINERS. ON VALVES IN THE VICINITY OF THE ER SHALL BE CLOSED IN ORDER TO E THE STRAINER FOR CLEANING. NICAL CONTRACTOR TO ALLOW FOR PIPE NG TO FACILITATE REPLACING THE /ALVES FOR REHEAT COILS, WALL FINS, CTORS, CABINET UNIT HEATERS AND UNIT S. FI	THE SUPPLY AND RETURN FANS ARE OFF, MIXING DAMPERS ARE IN THE 100% RECIRCULATION POSITION AND THE CHILLED
VALVES IN THE VICINITY OF THE SHALL BE CLOSED IN ORDER TO HE STRAINER FOR CLEANING. UNIT BE AVER VALUES WATER VALUE AND WATER VALUE MARKING VALUE IN SEQUENCE TO MAINTAIN SEPONT WHICH IS RESET FROM OUTSIDE AIR TEMPERATURE. SETOLOWS, OAT SAT > 10°C 12(ADUSTRAILE) < 10°C 10(ADUSTRAILE) < 10°C 10(ADUSTRAILE) </td <td>ON VALVES IN THE VICINITY OF THE ER SHALL BE CLOSED IN ORDER TO E THE STRAINER FOR CLEANING. NICAL CONTRACTOR TO ALLOW FOR PIPE NG TO FACILITATE REPLACING THE VALVES FOR REHEAT COILS, WALL FINS, CTORS, CABINET UNIT HEATERS AND UNIT S.</td> <td>OCCUPIED MODE</td>	ON VALVES IN THE VICINITY OF THE ER SHALL BE CLOSED IN ORDER TO E THE STRAINER FOR CLEANING. NICAL CONTRACTOR TO ALLOW FOR PIPE NG TO FACILITATE REPLACING THE VALVES FOR REHEAT COILS, WALL FINS, CTORS, CABINET UNIT HEATERS AND UNIT S.	OCCUPIED MODE
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AL CONTRACTOR TO ALLOW FOR PIPE TO FACILITATE REPLACING THE VES FOR REHEAT COILS, WALL FINS, RS, CABINET UNIT HEATERS AND UNIT HEATERS AND UNIT SCHARGE SMOKE DETECTORS IN THE SUPPLY AIR STREAMS DE-ENERGIZE THE SUPPLY FAN UPON ACQUIATES TO MANTAIN THE WATE NAME TEMPERATURE AT 50 DEGREES CADUSTABLE). WHEN THE OXT IS 00 DEGREES F(10 DEGREES CADUSTABLE), WHEN THE OXT IS 00 DEGREES F(10 DEGREES CADUSTABLE), WHEN THE OXT IS 00 DEGREES F(10 DEGREES CADUSTABLE), WHEN THE OXT IS 00 DEGREES F(10 DEGREES CADUSTABLE). WHEN THE OXT IS 00 DEGREES F(10 DEGREES CADUSTABLE), ARE SUPPLY FAN WHEN TEMPERATURE SELOW 30 DEGREES F(3 DEGREES CADUSTABLE), ARE SENSED. FREE COOLING ECONOMIZER CONTROL WHEN THE SUPPLY AIR DECARAGE TEMPERATURE SETFONT IS GREATER THAN MIXED AIR TEMPERATURE. OBTAINED WHEN OFERATING A NUMMON OUTSIDE AIR RON'V, CALCULATIONS SHALL BE MADE TO DETERMINE IF THE USE OF 100%, OUTSIDE AIR OR MINIMUM OUTSIDE AIR RON'V, CALCULATIONS SHALL BE MADE TO DETERMINE IF THE USE OF 100%, OUTSIDE AIR OR MINIMUM OUTSIDE AIR RON'V, CALCULATIONS SHALL BE MADE TO DETERMINE IF THE USE OF 100%, OUTSIDE AIR OR MINIMUM OUTSIDE AIR RON'V CAUCHARGE TEMPERATURE SETFONT IS GREATER THAN MIXED AIR TEMPERATURE. OBTAINED WHEN OFERATING A NUMMON OUTSIDE AIR RON'V, CAUCULATIONS SHALL BE AND TO DOWN. ONCE CO LEVEL HAS DROPPED BELOW SETFONT (AUDISTABLE) THEN AFTER 30 MINITE DELAY FANS WILL BE ALLOWED TO START UP AGAIN. SA-3 AND SA-4 CONTROL (CONSTANT VOLUME UNITS) THE AIR HANDLING UNIT CONSISTS OF A MIXED AIR SECTION WITH OUTDOOR AIR AND RETURN FAN ISING FOR OCCUPIED AND UNCOULDED MODE. WITHIN THE OUTCOLL BUILD BUILD BELING FLOWARD THE STARE. THE AIR HANDLING UNIT AND RETURN FAN IS SCHEDULED TORM AND RETURN FAN ISSOFDOR OCCUPIED AND UNCOULDED MODE. WITHIN THE SOCIECTION. MARKED FOR OTANT THE STARE THE WARKUP MODE WHEN THE SPACE TEMPERATURE IS ABOVE SET FONT. THE STARE THAN WHEN THE SPACE T	AL CONTRACTOR TO ALLOW FOR FIFE TO FACILITATE REPLACING THE VES FOR REHEAT COILS, WALL FINS, ORS, CABINET UNIT HEATERS AND UNIT	SUPPLY AIR STATIC PRESSURE SENSOR CONTROLS SUPPLY FAN SPEED TO MAINTAIN SETPOINT (INITIALLY 250 PA (T'WC) THROUGH THE VFD CONTROLLER. RETURN FLOW STATION CONTROLS RETURN FAN .SPEED THROUGH THE VFD
ALL CONTINUE TO FACILITATE REPLACING THE DISCHARGE SMOKE DETECTORS IN THE SUPPLY AIR STREAMS DE-ENERGIZE THE SUPPLY FAN UPON ACTIVATION. WHEN THE CORT SUSSESTIANS OBJECTIVES THAT SUBJECT THE SUPPLY FAN UPON ACTIVATION. WHEN THE CORT SUSSESTIANS OBJECTIVES THAT SUBJECT AND ADDRESS THAT SUBJECT AND ADDRESS THAT SUBJECT AND ADDRESS TO MAINTAIN THE MIXED AIR TEMPERATURE AT SUBGERESS CADUSTABLE). UNTER DAMPERS AND VALVES DEGRERES F(I) DEGRERES (I) CONSTITUENT THE MIXED AIR TEMPERATURE AT SUBGERESS CADUSTABLE). WHEN THE COAT SUBJECT DISCHARGE DUCT DE-ENERGIZES THE SUPPLY FAN WHENT THE MARE DA ANAPOLIC SUBJECT DISCHARGE DUCT DE-ENERGIZES THE SUPPLY FAN WHENT TEMPERATURES DELOW 38 DEGREES F (3) DEG	NICAE CONTRACTOR TO ALLOW FOR FIFE NG TO FACILITATE REPLACING THE VALVES FOR REHEAT COILS, WALL FINS, CTORS, CABINET UNIT HEATERS AND UNIT S.	
RS, CABINET UNIT HEATERS AND UNIT DEGREES F (10 DEGREES C ADJUSTABLE) OR ABOVE. THE 3/WAY HEATING VALVE CLOSES. ALL OTHER DAMPERS AND VALVES POSITION ATTER THE IF ANS AND ED-EXPERIZIO. A HARD-WIRED LOW TEMPERATURE EDECTOR IN THE DISCHARGE DUCT DE-ENERGIZES THE SUPPLY FAN WHEN TEMPERATURES D. A HARD-WIRED LOW TEMPERATURE. DEGTOR IN THE DISCHARGE DUCT DE-ENERGIZES THE SUPPLY FAN WHEN TEMPERATURES D. A HARD-WIRED LOW TEMPERATURE. OBTAINED DISCHARGE DUCT DE-ENERGIZES THE SUPPLY FAN WHEN TEMPERATURES BELOW 38 DEGREES F (3 DEGREES C ADJUSTABLE) ARE SISED. FREE COOLING ECONOMIZER CONTROL WHEN THE SUPPLY AN DISCHARGE TEMPERATURE SETPOINT IS GREATER THAN MIXED AIR TEMPERATURE. OBTAINED WHEN OPERATING A MINIMUM OUTSIDE AIR ROLLY, CALCULATIONS SHALL BE MADE TO DETERMINE IF THE USE OF 100%. OUTSIDE AIR OR MINIMUM OUTSIDE AIR ROLLY, CALCULATIONS SHALL BE MADE TO DETERMINE IF THE USE OF 100%. OUTSIDE AIR OR MINIMUM OUTSIDE AIR ROLLY, CALCULATIONS SHALL BE MADE TO DETERMINE IF THE USE OF 100%. OUTSIDE AIR OR MINIMUM OUTSIDE AIR ROLLY, CALCULATIONS SHALL BE MADE TO DOTERMINE IF THE USE OF 100%. OUTSIDE AIR OR MINIMUM OUTSIDE AIR ROLLY, CALCULATIONS SHALL BE MADE TO DETERMINE IF THE USE OF 100%. OUTSIDE AIR OR MINIMUM OUTSIDE AIR ROLLY. CALCULATIONS SHALL BE MADE TO DETERMINE IF THE USE OF 100%. OUTSIDE AIR OR MINIMUM OUTSIDE AIR ROLLY ORDES THE SMALLES CHANGE ACROSS THE COOLING COLL. ON CO (CARBON MONOXIDE) LEVEL RISE ABOVE 3PPM (ADJUSTABLE) AIL FANS WILL SHUT DOWN. ONCE CO LEVEL HAS DROPPED BELOW SETPOINT (ADJUSTABLE) THEN AFTER 30 MINUTE DELIAY FANS WILL BE ALLOWED TO START UP AGAIN. SA: AND SA: 4 CONTROL (CONSTANT VOLUME UNITS) THE AIR HANDLING UNIT CONSISTS OF A MIXED AIR SECTION WITH OUTDOOR AIR, AND RETURN, AIR DAMPERS, FILTER, HOT WATER HEATING COLL, CHILLED WAYER COLL, AND SUPPLY FAN WITH VARIABLE FREQUENCY DRIVE, AND RETURN FAN IS INTERLOCKED THROUGH THE BAS CONTROL LED TOR AUTONON A TIME OF DAY BASIS FOR OCCUPIED AND UNOCCUPIED MODES, WITH AND RETURN FAN IS SCHEDULED TOR AUTONON A TIME OF DAY BASIS FOR OCCUPIED AND U	ORS, CABINET UNIT HEATERS AND UNIT	DISCHARGE_SMOKE_DETECTORS_IN THE SUPPLY_AIR STREAMS_DE-ENERGIZE_THE SUPPLY_FAN UPON ACTIVATION. WHEN THE OAT IS LESS THAN_50 DEGREES_F (10 DEGREES_C ADJUSTABLE), THE 3- WAY_HEATING_VALVE_AND DAMPERS
SENSED. FREE COOLING ECONOMIZER CONTROL WHEN THE SUPPLY AIR DISCHARGE TEMPERATURE SETPOINT IS GREATER THAN MIXED AIR TEMPERATURE, OBTAINED WHEN OPERATING A MINIMUM OUTSIDE AIR ORLY, CALCULATIONS SHALL BE MADE TO DETERMINE IF THE USE OF 100% OUTSIDE AIR OR MINIMUM OUTSIDE AIR PROVIDES THE SMALLEST CHANGE ACROSS THE COOLING COIL. ON CO (CARBON MONOXIDE) LEVEL RISE ABOVE 3PPM (ADJUSTABLE) ALL FANS WILL SHUT DOWN. ONCE CO LEVEL HAS DROPPED BELOW SETPOINT (ADJUSTABLE) THEN AFTER 30 MINUTE DELAY FANS WILL BE ALLOWED TO START UP AGAIN. SA-3 AND SA-4 CONTROL (CONSTANT VOLUME UNITS) THE AIR HANDLING UNIT CONSISTS OF A MIXED AIR SECTION WITH OUTDOOR AIR, AND RETURN, AIR DAMPERS, FILTER, HOT WATER HEATING COIL, CHILLED WATER COIL, AND SUPPLY FAN WITH VARIABLE FREQUENCY DRIVE, AND REMTER RETURN FAN WITH VARIABLE FREQUENCY DRIVE. THE UNIT IS DOC CONTROLLED USING LECTORING. ACTUATION. THE RETURN FAN WITH VARIABLE FREQUENCY DRIVE. THE UNIT IS DOC CONTROLLED USING ELECTORIN ON A TIME OF DAY BASIS FOR OCCUPIED AND UNOCCUPIED MODES. WITHIN THE OSCUPIE TO MODE THE OVER THE WARM-UP MODE WHEN THE SPACE. THE AIR HANDLING UNIT AND RETURN FAN IS SCHEDULED FOR AUTOMATIC OPERATION ON A TIME OF DAY BASIS FOR OCCUPIED AND UNOCCUPIED MODES. WITHIN THE OCCUPIED MODE, THE SYSTEM CAN ENTER THE WARM-UP MODE WHEN THE SPACE TEMPERATURE IS BELOW SET POINT IS CONTON. MODE WHEN THE SPACE TEMPERATURE IS ADVISED FOR THE START THE WARM-UP OR OCCUPIED MODE, THE SYSTEM CAN ENTER THE WARM-UP SET FOINT. THE SYSTEM STAYS IN THE WARM-UP OR COCLOPINN MODE WHEN THE SPACE TEMPERATURE IS ADVISES FOR THE START. THE ALL WARM-UP OR COCLOPINN MODE WHEN THE SPACE TEMPERATURE IS ADVISES FOR TONT. THE SYSTEM STAYS IN THE WARM-UP OR COCLOPANN MODE WHEN THE SPACE TEMPERATURE IS ADVISES FOR OTH. THE SYSTEM STAYS IN THE WARM-UP OR COCLOPANN OF THE SPACE TEMPERATURE IS ADVISES FOR OTH. THE SYSTEM STAYS IN THE WARM-UP OR COCLOPANNY OR COUPLED, NOCCUPIED, NIGHT HEATING AND SAFETY MODES AS THE AIR HANDLING UNIT OPERATES IN WARM-UP, COOL-DOWN, OCCUPIED, NIG	0	DEGREES F (10 DEGREES C ADJUSTABLE) OR ABOVE, THE 3-WAY HEATING VALVE CLOSES. ALL OTHER DAMPERS AND VALVES POSITION TO THEIR NORMAL POSITION AFTER THE FANS ARE DE-ENERGIZED. A HARD-WIRED LOW TEMPERATURE DETECTOR IN THE
WHEN THE SUPPLY AR DISCHARGE TEMPERATURE SETPOINT IS GREATER THAN MIXED AIR TEMPERATURE, OBTAINED WHEN         OPERATING A MINIMUM OUTSIDE AIR ONLY, CALCULATIONS SHALL BE MADE TO DETERMINE IF THE USE OF 100% OUTSIDE AIR OR         MINIMUM OUTSIDE AIR PROVIDES THE SMALLEST CHANGE ACROSS THE COOLING COIL.         ON CO (CARBON MONOXIDE) LEVEL RISE ABOVE 3PPM (ADJUSTABLE) ALL FANS WILL SHUT DOWN. ONCE CO LEVEL HAS DROPPED BELOW         SETPOINT (ADJUSTABLE) THEN AFTER 30 MINUTE DELAY FANS WILL BE ALLOWED TO START UP AGAIN.         SA-3 AND SA-4 CONTROL (CONSTANT VOLUME UNITS)         THE AIR HANDLING UNIT CONSISTS OF A MIXED AIR SECTION WITH OUTDOOR AIR, AND RETURN, AIR DAMPERS, FILTER, HOT WATER         HEATING COL, CHILLED WATER COIL, AND SUPPLY FAN WITH VARIABLE FREQUENCY DRIVE, AND REMOTE RETURN FAN WITH         VARIABLE FREQUENCY DRIVE. THE UNIT IS DD CONTROLLED USING ELECTRONIC ACTUATION. THE RETURN FAN WITH VARIABLE FREQUENCY DRIVE, HE BAS SONTROL. THE REMOTE EXHAUST DAMPER IS CONTROLLED THROUGH THE BAS SYSTEM.         THE AIR HANDLING UNIT AND RETURN FAN IS SCHEDULED FOR AUTOMATIC OPERATION ON A TIME OF DAY BASIS FOR OCCUPIED AND UNOCCUPIED MODES. WITHIN THE REVORTE EXHAUST DAMPER IS CONTROLLED THROUGH THE BAS SYSTEM.         THE AIR HANDLING UNIT AND RETURN FAN IS SCHEDULED FOR AUTOMATIC OPERATION ON A TIME OF DAY BASIS FOR OCCUPIED AND UNOCCUPIED MODES. WITHIN THE EYSTEM CANE DENTER THE WARN-UP OR COLOUPIED MODES. WITHIN THE COOLDOWN MODE WHEN THE SPACE TEMPERATURE IS ABOVE SET POINT. THE SYSTEM CAN BENTER THE WARN-UP OR COOL-DOWN MODE UNTIL THE WARN-UP OR COOL-DOWN MODE UNTIL THE WARN-UP OR COOL-DOWN MODE WHEN THE SPACE TEMPERATURE IS ABOVE SET POINT. THE SYSTEM CANTER STAYS IN THE WARN-UP OR COOL-DOWN MODE UNTIL THE	0	SENSED.
ON CO (CARBON MONOXIDE) LEVEL RISE ABOVE 3PPM (ADJUSTABLE) ALL FANS WILL SHUT DOWN. ONCE CO LEVEL HAS DROPPED BELOW SETPOINT (ADJUSTABLE) THEN AFTER 30 MINUTE DELAY FANS WILL BE ALLOWED TO START UP AGAIN. SA-3 AND SA-4 CONTROL (CONSTANT VOLUME UNITS) THE AIR HANDLING UNIT CONSISTS OF A MIXED AIR SECTION WITH OUTDOOR AIR, AND RETURN, AIR DAMPERS, FILTER, HOT WATER HEATING COLL, CHILLED WATER COLL, AND SUPPLY FAN WITH VARIABLE FREQUENCY DRIVE, AND REMOTE RETURN FAN WITH VARIABLE FREQUENCY DRIVE. THE UNIT IS DDC CONTROLLED USING ELECTRONIC ACTUATION. THE RETURN FAN UNTH VARIABLE FREQUENCY DRIVE. THE REMOTE EXHAUST DAMPER IS CONTROLLED THROUGH THE BAS SYSTEM. THE AIR HANDLING UNIT AND RETURN FAN IS SCHEDULED FOR AUTOMATIC OPERATION ON A TIME OF DAY BASIS FOR OCCUPIED AND UNOCCUPIED MODES. WITHIN THE OCCUPIED MODE, THE SYSTEM CAN ENTER THE WARM-UP MODE WHEN THE SPACE TEMPERATURE IS BELOW SET POINT OR THE COOL-DOWN MODE WHEN THE SATISFIED. WITHIN THE INOCCUPIED MODE, NIGHT HEATING IS AVAILABLE WHEN THE SPACE TEMPERATURE IS ABOVE SET POINT. THE SYSTEM STAYS IN THE WARM-UP OR COOL-DOWN MODE WHEN THE SATISFIED. WITHIN THE HACCOUCPIED MODE, NIGHT HEATING IS AVAILABLE WHEN THE SPACE TEMPERATURE IS ABOVE SET POINT. THE SYSTEM STAYS IN THE WARM-UP OR COOL-DOWN MODE WHEN THE SATISFIED. WITHIN THE HACCOUCPIED MODE, NIGHT HEATING IS AVAILABLE WHEN THE SPACE TEMPERATURE IS ABOVE SET POINT. THE SYSTEM STAYS IN THE WARM-UP OR COOL-DOWN MODE WHEN THE SATISFIED. WITHIN THE HACTING AND SAFETY MODES AS		WHEN THE SUPPLY AIR DISCHARGE TEMPERATURE SETPOINT IS GREATER THAN MIXED AIR TEMPERATURE, OBTAINED WHEN OPERATING A MINIMUM OUTSIDE AIR ONLY, CALCULATIONS SHALL BE MADE TO DETERMINE IF THE USE OF 100% OUTSIDE AIR OR
SETPOINT (ADJUSTABLE) THEN AFTER 30 MINUTE DELAY FANS WILL BE ALLOWED TO START UP AGAIN.  SA-3 AND SA-4 CONTROL (CONSTANT VOLUME UNITS)  THE AIR HANDLING UNIT CONSISTS OF A MIXED AIR SECTION WITH OUTDOOR AIR, AND RETURN, AIR DAMPERS, FILTER, HOT WATER HEATING COIL, CHILLED WATER COIL, AND SUPPLY FAN WITH VARIABLE FREQUENCY DRIVE, AND REMOTE RETURN FAN WITH VARIABLE FREQUENCY DRIVE. THE UNIT IS DDC CONTROLLED USING ELECTRONIC ACTUATION. THE RETURN FAN WITH VARIABLE FREQUENCY DRIVE. THE UNIT IS DDC CONTROLLED USING ELECTRONIC ACTUATION. THE RETURN FAN IS INTERLOCKED THROUGH THE BAS CONTROL. THE REMOTE EXHAUST DAMPER IS CONTROLLED THROUGH THE BAS SYSTEM.  THE AIR HANDLING UNIT AND RETURN FAN IS SCHEDULED FOR AUTOMATIC OPERATION ON A TIME OF DAY BASIS FOR OCCUPIED AND UNOCCUPIED MODES. WITHIN THE OCCUPIED MODE, THE SYSTEM CAN ENTER THE WARM-UP MODE WHEN THE SPACE TEMPERATURE IS BELOW SET POINT OR THE COOL-DOWN MODE WHEN THE SPACE TEMPERATURE IS ABOVE SET POINT. THE SYSTEM STAYS IN THE WARM-UP OR COOL-DOWN MODE UNTIL THE WARD. WITHIN THE UNCLUPIED MODE, NIGHT HEATING IS AVAILABLE WHEN THE SPACE TEMPERATURE DROPS BELOW 65 DEGREES F (18 DEGREES C). THE LATEST START TIME IS THE SCHEDULED OCCUPANCY FOR THE SPACE. THE AIR HANDLING UNIT OPERATES IN WARM-UP, COOL-DOWN, OCCUPIED, NIGHT HEATING AND SAFETY MODES AS		MINIMUM OUTSIDE AIR PROVIDES THE SMALLEST CHANGE ACROSS THE COOLING COIL.
THE AIR HANDLING UNIT CONSISTS OF A MIXED AIR SECTION WITH OUTDOOR AIR, AND RETURN, AIR DAMPERS, FILTER, HOT WATER HEATING COIL, CHILLED WATER COIL, AND SUPPLY FAN WITH VARIABLE FREQUENCY DRIVE, AND REMOTE RETURN FAN WITH VARIABLE FREQUENCY DRIVE. THE UNIT IS DDC CONTROLLED USING ELECTRONIC ACTUATION. THE RETURN FAN IS INTERLOCKED THROUGH THE BAS CONTROL. THE REMOTE EXHAUST DAMPER IS CONTROLLED THROUGH THE BAS SYSTEM. THE AIR HANDLING UNIT AND RETURN FAN IS SCHEDULED FOR AUTOMATIC OPERATION ON A TIME OF DAY BASIS FOR OCCUPIED AND UNOCCUPIED MODES. WITHIN THE OCCUPIED MODE, THE SYSTEM CAN ENTER THE WARM-UP MODE WHEN THE SPACE TEMPERATURE IS BELOW SET POINT OR THE COOL-DOWN MODE WHEN THE SPACE TEMPERATURE IS ABOVE SET POINT. THE SYSTEM STAYS IN THE WARM-UP OR COOL-DOWN MODE UNTIL THE MODE SET POINT IS SATISFIED. WITHIN THE UNOCCUPIED MODE, NIGHT HEATING IS AVAILABLE WHEN THE SPACE TEMPERATURE DROPS BELOW 65 DEGREES F (18 DEGREES C). THE LATEST START TIME IS THE SCHEDULED OCCUPANCY FOR THE SPACE. THE AIR HANDLING UNIT OPERATES IN WARM-UP, COOL-DOWN, OCCUPIED, NIGHT HEATING AND SAFETY MODES AS	<u>SA-3 AN</u>	
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		MODE, NIGHT HEATING IS AVAILABLE WHEN THE SPACE TEMPERATURE DROPS BELOW 65 DEGREES F (18 DEGREES C). THE LATEST
		, SELOTTO (ALL GOOGLOTED OFTT ONTO AND SETTINGS ARE ADJUSTADLE.
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WARM-UP THE SUPPLY FAN STARTS. THE MIXING DAMPERS ARE POSITIONED FOR 100% RETURN AIR. THE 3-WAY HEATING VALVE MODULATES TO MAINTAIN THE SUPPLY AIR TEMPERATURE SET POINT. IF TIME REACHES THE LATEST START TIME DURING THE WARM-UP MODE, THE OUTDOOR AIR DAMPER OPENS TO ITS MINIMUM POSITION. THE SYSTEM IS PREVENTED FROM ENTERING THE WARM-UP MODE MORE THAN ONCE PER DAY.

COOL-DOWN THE SUPPLY FAN STARTS. THE 3-WAY HEATING VALVE REMAINS CLOSED TO THE COIL. THE MIXING DAMPERS AND 3 WAY CHILLED WATER VALVE MODULATES TO MAINTAIN THE SUPPLY AIR TEMPERATURE SET POINT. WHEN THE OUTSIDE AIR-DRY BULB TEMPERATURE IS ABOVE THE ECONOMIZER CHANGEOVER VALUE, THE MIXING DAMPERS ARE POSITIONED FOR 100% RETURN AIR. IF TIME REACHES THE LATEST START TIME DURING THE COOL-DOWN MODE, THE OUTDOOR AIR DAMPER OPENS TO ITS MINIMUM POSITION OR IS CONTROLLED IN ECONOMIZER OPERATION. THE SYSTEM IS PREVENTED FROM ENTERING THE COOL-DOWN MODE MORE THAN ONCE PER DAY.

UNOCCUPIED MODE THE SUPPLY AND RETURN FANS ARE OFF AND THE MIXING DAMPERS ARE IN THE 100% RECIRCULATION POSITION AND THE CHILLED WATER VALVE IS CLOSED.

OCCUPIED MODE AN OPTIMIZED START ROUTINE IS PROVIDED. DURING MORNING WARM-UP OR COOL-DOWN THE OUTSIDE AIR MINIMUM POSITION IS SET TO ZERO. SUPPLY AND RETURN FANS RUN CONTINUOUSLY. SUPPLY AIR TEMPERATURE DISCHARGE SENSOR OPERATES THE 3-WAY HEATING VALVE, THE 3 WAY CHILLED WATER VALVE, AND THE MIXING DAMPERS (FOR FREE COOLING) IN SEQUENCE TO MAINTAIN SETPOINT WHICH IS RESET FROM OUTSIDE AIR TEMPERATURE AS FOLLOWS: OAT SAT

22°C 13°C (ADJUSTABLE) 10°C 18°C (ADJUSTABLE)

ROOM SENSOR

A ROOM SENSOR OVERRIDES THE DISCHARGE CONTROL SENSOR TO PROVIDE SPACE TEMPERATURES. THE REMOTE RADIATION VALVES, WHERE INSTALLED, ARE MODULATED FROM THE ROOM SENSOR ON A CALL FOR HEAT.

SAFETY DISCHARGE SMOKE DETECTORS IN THE SUPPLY AIR STREAMS DE-ENERGIZE THE SUPPLY FAN UPON ACTIVATION. WHEN THE OAT IS LESS THAN 50 DEGREES F (10 DEGREES C), THE 3- WAY HEATING VALVE AND DAMPERS MODULATES TO MAINTAIN THE MIXED AIR TEMPERATURE AT 50 DEGREES F (10 DEGREES C). 'VVHEN THE OAT IS 50 DEGREES F (10 DEGREES C) OR ABOVE, THE 3-WAY HEATING VALVE CLOSES. ALL OTHER DAMPERS AND VALVES POSITION TO THEIR NORMAL POSITION AFTER THE FANS ARE DE-ENERGIZED. A HARD-WIRED LOW TEMPERATURE DETECTOR IN THE DISCHARGE DUCT DE-ENERGIZES THE SUPPLY FAN WHEN TEMPERATURES BELOW 38 DEGREES F (3 DEGREES C) ARE SENSED.

FREE COOLING ECONOMIZER CONTROL WHEN THE SUPPLY AIR DISCHARGE TEMPERATURE SETPOINT IS GREATER THAN MIXED AIR TEMPERATURE, OBTAINED WHEN

OPERATING A MINIMUM OUTSIDE AIR ONLY, CALCULATIONS SHALL BE MADE TO DETERMINE IF THE USE OF 100% OUTSIDE AIR OR MINIMUM OUTSIDE AIR PROVIDES THE SMALLEST CHANGE ACROSS THE COOLING COIL. ON CO (CARBON MONOXIDE) LEVEL RISE ABOVE 3PPM (ADJUSTABLE) ALL FANS WILL SHUT DOWN. ONCE CO LEVEL HAS DROPPED BELOW SETPOINT (ADJUSTABLE) THEN AFTER 30 MINUTE DELAY FANS WILL BE ALLOWED TO START UP AGAIN .

HOT WATER DUCT HEATING COIL CONTROL

A TYPICAL ROOM TEMPERATURE SENSOR WITH TIME OVERRIDE SWITCH AND SLIDE SETPOINT ADJUST MODULATED HOT WATER VALVE ON THE DUCT REHEAT COIL TO MAINTAIN EITHER DAY OR NIGHT SETPONT.

HOT WATER DUCT HEATING COIL CONTROL WITH PERIMETER RADIATION

A TYPICAL ROOM TEMPERATURE SENSOR WITH TIME OVERRIDE SWITCH AND SLIDE SETPOINT ADJUST MODULATES HOT WATER VALVE ON THE DUCT REHEAT COIL AND RAD VALVE IN SEQUENCE TO MAINTAIN EITHER DAY OR NIGHT SETPOINT. RAD VALVE IS MODULATED TO OPEN WHEN REHEAT DUCT SOIL IS OPEN MORE THAN 50% (ADJUSTABLE). BOARD ROOM RADIATION CONTROL

THE SPACE TEMPERATURE SENSOR OPERATING THROUGH A DOC ASC MODULATES THE INCREMENTAL HEATING VALVES TO MAINTAIN THE SPACE TEMPERATURE SETPOINT. ROOM VAV CONTROL

THE SPACE TEMPERATURE MODULATES THE VAV BOX IN SEQUENCE WITH THE HEATING COIL AND RADIATION (IF APPLICABLE) TO MAINTAIN SETPOINT. MAINTAIN 80% MINIMUM AIR FLOW WHEN OA TEMP IS LESS THAN 10° (ADI). A VELOCITY SENSOR CONTROLS THE AIR VOLUMES BETWEEN MAXIMUM AND MINIMUM. COOLING TOWER CONTROL

EXISTING COOLING TOWER WILL BE DISCONNECTED FROM EXISTING CONTROLS. NEW COOLING TOWER WILL BE CONNECTED TO NEW DDC CONTROLS. COOLING TOWER CONTROLLED BY BAS. ON SIGNAL TO START COOLING TOWER, FAN WILL BE ENABLED. FAN WILL MODULATE SPEED TO MAINTAIN RETURN WATER TEMPERATURE SETPOINT. IN WINTER MODE FAN WILL BE DISABLED. EXHAUST FAN CONTROL

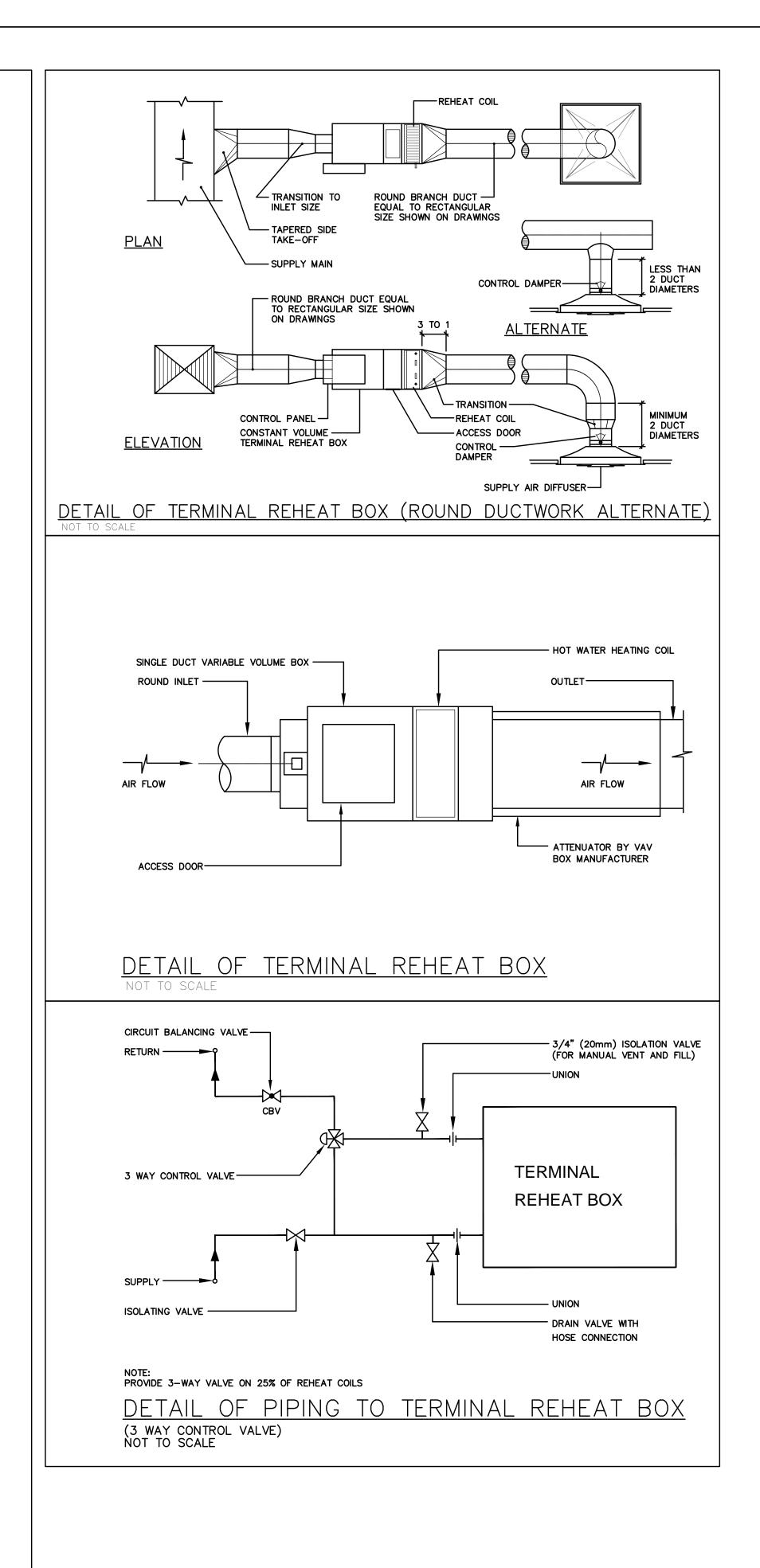
WASHROOM AND CHANGE ROOM EXHAUST FANS ARE OPERATED CONTINUOUSLY DURING OCCUPIED HOURS OF THE ASSOCIATED AHU\_1 AND AHU\_2 SYSTEM. THEY ARE CYCLED ON CLEANING AND LOW OCCUPANCY PERIODS TO PREVENT THE BUILD-UP OF ODORS. LUNCH ROOM EXHAUST FAN OPERATES AS ABOVE.

NEW BAS PANELS.

<u>SCHEDULING</u>: BOARDS STANDARD SCHEDULING OF HVAC EQUIPMENT TO BE FOLLOWED. CONTACT BOARD BAS TEAM PRIOR TO THE PROGRAMMING OF THE SYSTEM. BACNET ADDRESSING:

BOARD'S STANDARD BACNET ADDRESSING SCHEME TO BE FOLLOWED. BAS CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING BACNET INSTANCE NUMBER TO ALL THIRD PARTY VENDORS BEING INTEGRATED INTO THE SYSTEM. REFER TO SPECS FOR BAS SCHEDULING AND SPACE TEMPERATURE CONTROL.

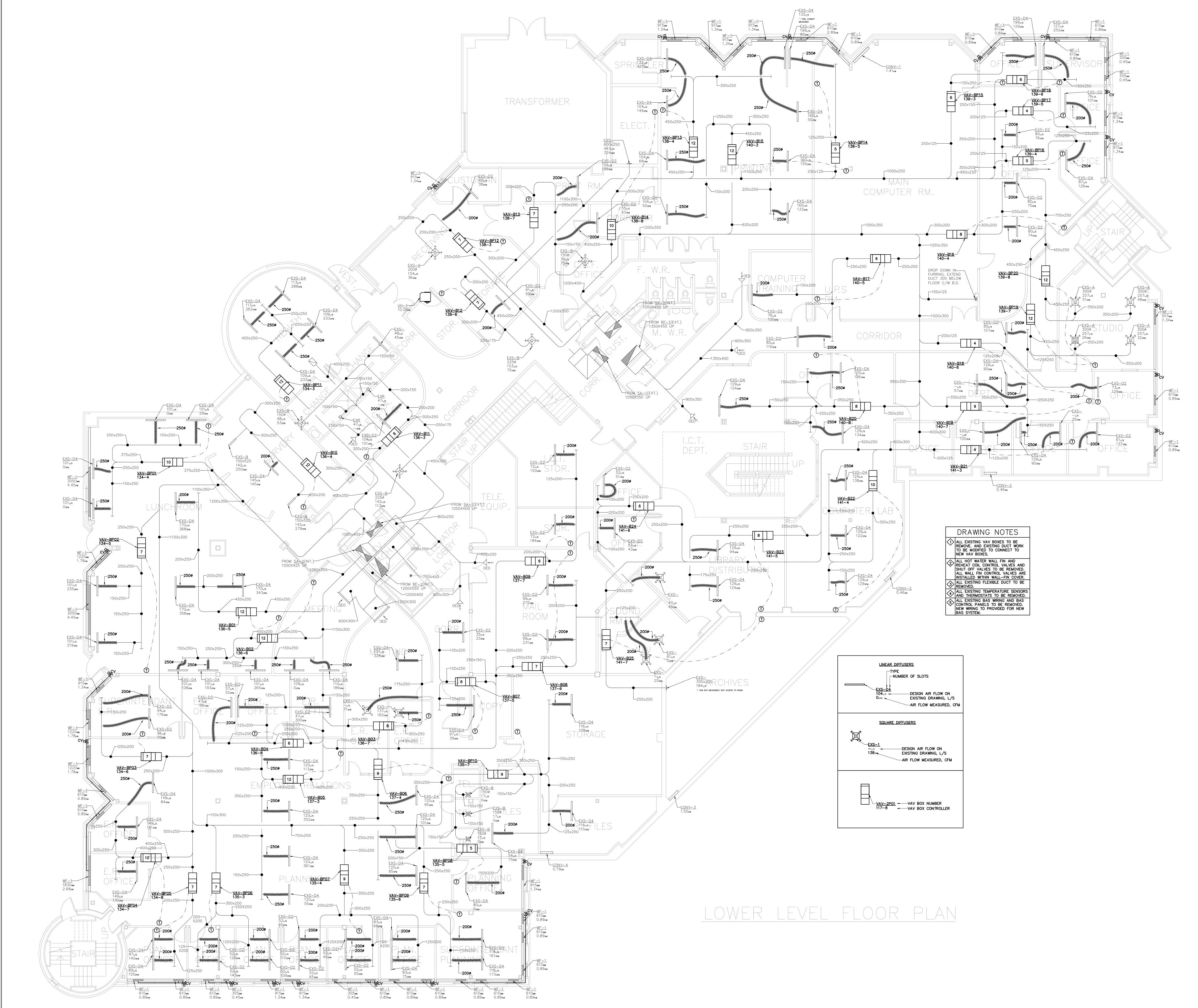
BAS CONTRACTOR TO PROVIDE AND INSTALL A NEW BAS SYSTEM WHICH CAN BE PROGRAMMED AND OPERATED FROM ONE PLATFORM. ALL NEW BAS PANELS TO BE INSTALLED IN ACCESSIBLE AREAS. CO-ORDINATE WITH OWNER/ CONSULTANT BEFORE FINALIZING THE LOCATION OF



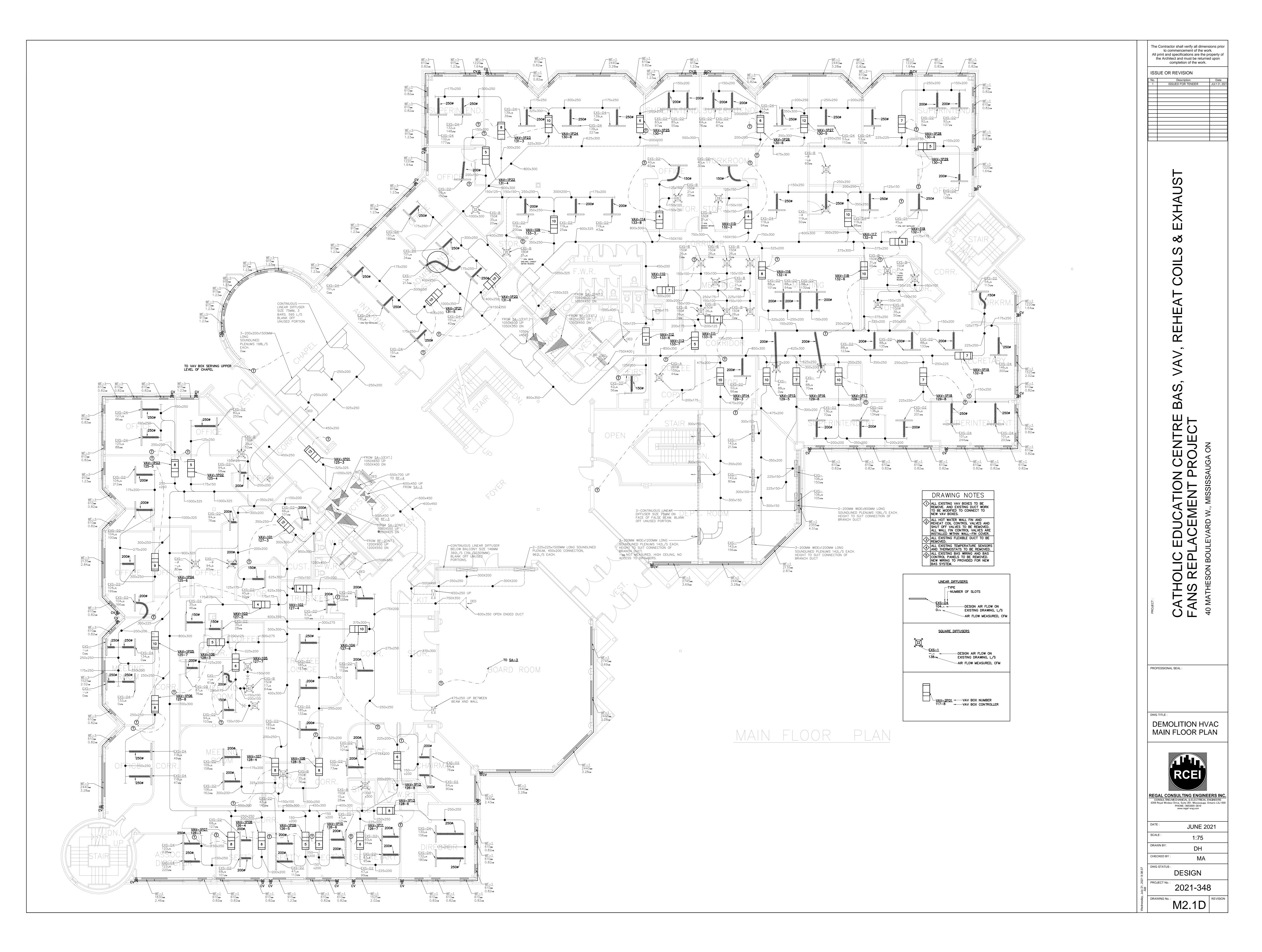
The Contractor shall verify all dimensions prior to commencement of the work. All print and specifications are the property of the Architect and must be returned upon completion of the work.							
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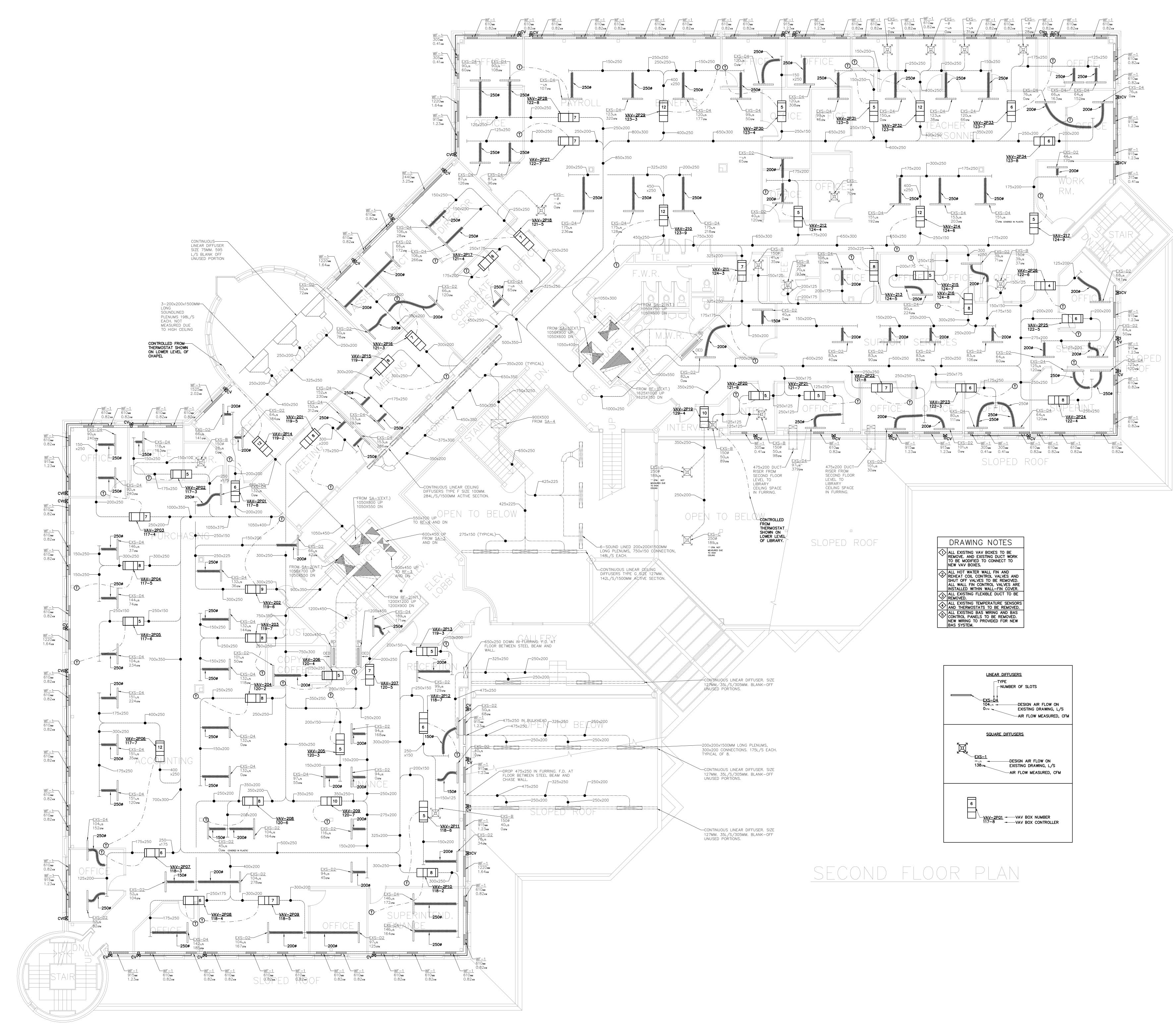
PROJECT	CATHOLIC EDUCATION CENTRE BAS, VAV, REHEAT COILS & EXHAUST	FANS REPLACEMENT PROJECT	40 MATHESON BOULEVARD W MISSISSAUGA ON	
PROFESSION	AL SEAL :			
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REGAL CC CONSULTING 2359 Royal Wind	G MECHANIC sor Drive, Suit PHONE:	AL & ELECTRI	CAL EN	IGINEERS
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VARIABLE VOLUME TERMINAL BOX SCHEDULE	VAV-2P22 7 SA-1 0 428 214 7.0 0.18 180 16	I ILINER C/W 1 ROW HEIGH CAPACITY I I	I I I I I I I I I I I I I I I I I I I	VAV-B21 4 SA-2 57 129 64.5 2.1 0.18 180
VAV BOX #       INLET SIZE       AHU       MIN       MAX       DESIGN AIR FLOW       COIL COIL CAPACITY       MAX. S.P.       EWT       LWT       COIL WATER FLOW       REMARK	VAV-2P23 6 SA-1 0 305 152.5 5.0 0.18 180 16		I I I I I I I I I I I I I I I I I I I	VAV-B22 10 SA-2 246 820 410 13.4 0.18 180
VAV-3P01 7 SA-5 80 390 195 6.4 0.18 180 160 0.7 ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COL E.H. PRICE SDV C/W 3'-0"	VAV-2P24 8 SA-1 0 530 265 8.6 0.18 180 16	LINER C/W 1 ROW HEIGH CAPACITY	LINER C/W 1 ROW HEIGH CAPACITY	VAV-B23 8 SA-2 164 547 273.5 8.9 0.18 180
VAV-3P02 7 SA-5 80 388 194 6.3 0.18 180 160 0.7 ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL E.H. PRICE SDV C/W 3'-0"	VAV-2P25 6 SA-1 0 271 135.5 4.4 0.18 180 16	LINER C/W 1 ROW HEIGH CAPACITY	I I I I I I I I I I I I I I I I I I I	VAV-B24 6 SA-2 66 220 110 3.6 0.18 180
VAV-3P03     8     SA-5     131     655     327.5     10.7     0.18     180     160     1.1     ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	VAV-2P26 4 SA-1 0 144 72 2.3 0.18 180 16		I I I I I I I I I I I I I I I I I I I	VAV-B25 7 SA-2 117 390 195 6.4 0.18 180
VAV-3P04 7 SA-5 90 436 218 7.1 0.18 180 160 0.8 ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL E.H. PRICE SDV C/W 3-0 ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	VAV-2P27 7 SA-1 0 369 184.5 6.0 0.18 180 16		LINER C/W 1 ROW HEIGH CAPACITY   2	OTE(S): ACCEPTABLE ALTERNATES SUBJECT TO SHOP DRAWING REVIEW: TITUS, KRUEGER. REFER TO THE CONTROL SCHEMATICS AND SEQUENCES OF OPERATION.
VAV-3P05 7 SA-5 90 436 218 7.1 0.18 180 160 0.8 ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL E.H. PRICE SDV C/W 3'-0"	VAV-2P28 7 SA-1 0 381 190.5 6.2 0.18 180 16	I ILINER C/W 1 ROW HEIGH CAPACITY I I	VAV-107         8         SA-2         159         530         265         8.6         0.18         180         160         0.9         E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY	
VAV-3P06 7 SA-5 100 508 254 8.3 0.18 180 160 0.9 ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL E.H. PRICE SDV C/W 3'-0"	VAV-2P29 12 SA-1 0 979 489.5 16.0 0.18 180 16	I LINER C/W 1 ROW HEIGH CAPACITY	VAV-108     8     SA-2     102     540     270     8.8     0.18     180     160     0.9     REHEAT COIL ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY	
VAV-3P07     8     SA-5     80     381     190.5     6.2     0.18     180     160     0.7     ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL       VAV-3P07     8     SA-5     80     381     190.5     6.2     0.18     180     160     0.7     ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	VAV-2P30 5 SA-1 0 254 127 4.1 0.18 180 16		VAV-109 10 SA-2 203 875 437.5 14.3 0.18 180 160 1.5 REHEAT COIL LINER C/W 1 ROW HEIGH CAPACITY	
VAV-3P08         8         SA-5         120         572         286         9.3         0.18         180         160         1         ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COL           VAV-3P08         8         SA-5         120         572         286         9.3         0.18         180         160         1         ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COL           E.H. PRICE SDV C/W 3'-0"	VAV-2P31 5 SA-1 0 254 127 4.1 0.18 180 16	LINER C/W 1 ROW HEIGH CAPACITY	VAV-110 7 SA-2 125 415 207.5 6.8 0.18 180 160 0.7 REHEAT COIL E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL BEHEAT COIL	
VAV-3P09         7         SA-5         120         572         286         9.3         0.18         180         160         1         ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COL           VAV-3P09         7         SA-5         120         572         286         9.3         0.18         180         160         1         ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COL           E.H. PRICE SDV C/W 3'-0"	VAV-2P32 12 SA-1 0 1042 521 17.0 0.18 180 16	I LINER C/W 1 ROW HEIGH CAPACITY	VAV-111 4 SA-2 58 110 55 1.8 0.18 180 160 0.2 REHEAT COIL LINER C/W 1 ROW HEIGH CAPACITY	
VAV-3P10         8         SA-5         120         521         260.5         8.5         0.18         180         160         0.9         ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL           Image: Comparison of the state of the s	VAV-2P33 6 SA-1 0 275 137.5 4.5 0.18 180 16	160 0.5 REHEAT COIL E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	VAV-112 4 SA-2 58 89 44.5 1.5 0.18 180 160 0.2 REHEAT COIL LINER C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	
VAV-3P11         6         SA-5         70         348         174         5.7         0.18         180         160         0.6         ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL                     ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	VAV-2P34 6 SA-1 0 275 137.5 4.5 0.18 180 16	160 0.5 E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL V LINER C/W 1 ROW HEIGH CAPACITY	VAV-113 5 SA-2 84 208 104 3.4 0.18 180 160 0.4 REHEAT COIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	
VAV-3P12         7         SA-5         210         420         210         6.8         0.18         180         160         0.7         ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL           Image: Comparison of the state of the sta	VAV-201 8 SA-2 84 335 167.5 5.5 0.18 180 16		VAV-114 4 SA-2 58 129 64.5 2.1 0.18 180 160 0.3 REHEAT COIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	
VAV-3P13         6         SA-5         173         345         172.5         5.6         0.18         180         160         0.6         ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL           VAV-3P13         6         SA-5         173         345         172.5         5.6         0.18         180         160         0.6         ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL           E.H. PRICE SDV C/W 3'-0"         E.H. PRICE SDV C/W 3'-0"         E.H. PRICE SDV V/W 3'-0"         E.H. PRICE SDV V/W 3'-0"	VAV-202 9 SA-2 175 700 350 11.4 0.18 180 16	160 1.2 REHEAT COIL LINER C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL E.H. PRICE SDV C/W 3'-0"	VAV-115       4       SA-2       58       129       64.5       2.1       0.18       180       160       0.3       REHEAT COIL ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL         VAV-115       4       SA-2       58       129       64.5       2.1       0.18       180       160       0.3       E.H. PRICE SDV C/W 3'-0"         VAV-115       4       SA-2       58       129       64.5       2.1       0.18       180       160       0.3       E.H. PRICE SDV C/W 3'-0"	
VAV-3P14         7         SA-5         220         441         220.5         7.2         0.18         180         160         0.8         ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL           VAV-3P14         7         SA-5         220         441         220.5         7.2         0.18         180         160         0.8         ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL           VAV-3P15         0         0.4         370.5         10.0         100         100         11         ATTENUATOR AND ALUMINUM FOIL	VAV-203 8 SA-2 200 659 329.5 10.7 0.18 180 16	160 1.1 ATTENUATOR AND ALUMINUM FOIL V LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	VAV-116 8 SA-2 168 559 279.5 9.1 0.18 180 160 1 ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	
VAV-3P15         8         SA-5         331         661         330.5         10.8         0.18         180         160         1.1         LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL           E.H. PRICE SDV C/W 3'-0"	VAV-204 8 SA-2 143 559 279.5 9.1 0.18 180 16	160 1 E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL E.H. PRICE SDV C/W 3'-0"	VAV-117         10         SA-2         256         852         426         13.9         0.18         180         160         1.4         E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL           U	
Image: March of the second	VAV-205 5 SA-2 51 205 102.5 3.3 0.18 180 16		VAV-118 10 SA-2 280 932 466 15.2 0.18 180 160 1.6 ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL E.H. PRICE SDV C/W 3'-0"	
LINER C/W 1 ROW HEIGH CAPACITY REHEAT COL E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL	VAV-206 5 SA-2 54 214 107 3.5 0.18 180 16	160 0.4 ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL E.H. PRICE SDV C/W 3'-0"	VAV-119     5     SA-2     58     184     92     3.0     0.18     180     160     0.3     ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	
LINER C/W 1 ROW HEIGH CAPACITY REHEAT COLL E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL	VAV-207 7 SA-2 100 400 200 6.5 0.18 180 16	E.H. PRICE SDV C/W 3'-0"	VAV-BP01 10 SA-1 257 856 428 14.0 0.18 180 160 1.4 E.H. PRICE SDV C/W 3'-O" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	
VAV-SITS         7         SA-5         192         304         192         0.3         0.10         100         0.7         LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL           VAV-3P20         7         SA-5         192         384         192         6.3         0.18         180         160         0.7         LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL           VAV-3P20         7         SA-5         192         384         192         6.3         0.18         180         160         0.7         LINER C/W 1 ROW HEIGH CAPACITY ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY	VAV-208 8 SA-2 140 646 323 10.5 0.18 180 16	E.H. PRICE SDV C/W 3'-0"	VAV-BP02 7 SA-1 128 428 214 7.0 0.18 180 160 0.7 ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	
VAV-3P21         7         SA-5         190         379         189.5         6.2         0.18         180         160         0.7         E.H. PRICE SDV C/W 3'-0" LINER C/W 1 ROW HEIGH CAPACITY	VAV-209 10 SA-2 208 830 415 13.5 0.18 180 16		VAV-BP03     7     SA-1     125     402     201     6.6     0.18     180     160     0.7     E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL       Image: Comparison of the state of t	
VAV-3P22         7         SA-5         229         458         229         7.5         0.18         180         160         0.8         E.H. PRICE SDV C/W 3'-0"           VAV-3P22         7         SA-5         229         458         229         7.5         0.18         180         160         0.8         E.H. PRICE SDV C/W 3'-0"         ATTENUATOR AND ALUMINUM FOIL			/AV-BP04 10 SA-1 284 947 473.5 15.4 0.18 180 160 1.6 ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL E.H. PRICE SDV C/W 3 -0"	
VAV-3P23 9 SA-5 343 686 343 11.2 0.18 180 160 1.2 REHEAT COIL E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY	VAV-211 7 SA-2 0 528 264 8.6 0.18 180 16 VAV-212 5 SA-2 0 190 95 3.1 0.18 180 16	160 0.9 LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL	VAV-BP05         7         SA-1         125         369         184.5         6.0         0.18         180         160         0.6         ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL           Image: Comparison of the state of the s	
VAV-3P24 7 SA-5 229 458 229 7.5 0.18 180 160 0.8 REHEAT COIL E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY		E.H. PRICE SDV C/W 3'-0"	VAV-BP06 7 SA-1 132 441 220.5 7.2 0.18 180 160 0.8 ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL E.H. PRICE SDV C/W 3'-0"	
VAV-301 8 SA-6 120 542 271 8.8 0.18 180 160 0.9 REHEAT COIL LINER C/W 1 ROW HEIGH CAPACITY		LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL E.H. PRICE SDV C/W 3'-0"	VAV-BP07       9       SA-1       238       792       396       12.9       0.18       180       160       1.3       ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL         Image: Comparison of the second sec	
VAV-302 8 SA-6 120 542 271 8.8 0.18 180 160 0.9 REHEAT COIL E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	VAV-215 5 SA-2 0 180 90 2.9 0.18 180 16	E.H. PRICE SDV C/W 3'-0"	VAV-BP08     5     SA-1     51     169     84.5     2.8     0.18     180     160     0.3     ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL       Image: Comparison of the second state	
VAV-303 8 SA-6 120 542 271 8.8 0.18 180 160 0.9 REHEAT COIL E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	VAV-216 8 SA-2 0 693 346.5 11.3 0.18 180 16	160 1.2 KEHEAT COLL E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C.W. I BOW HEICH CADACITY	VAV-BP09 7 SA-1 150 500 250 8.2 0.18 180 160 0.9 ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL VAV BP10 0 SA 1 240 714 757 116 0.18 180 160 120 E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL	
VAV-304       8       SA-6       120       542       271       8.8       0.18       180       160       0.9       REHEAT COIL         VAV-304       8       SA-6       120       542       271       8.8       0.18       180       160       0.9       E.H. PRICE SDV C/W 3'-0"         LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL       E.H. PRICE SDV C/W 3'-0"       E.H. PRICE SDV C/W 3'-0"	VAV-217         5         SA-2         0         93         46.5         1.5         0.18         180         16	REHEAT COIL     VA       E.H. PRICE SDV C/W 3'-0"     ATTENUATOR AND ALUMINUM FOIL       160     0.2     UNER C/W 1 ROW HEICH CARACITY	VAV-BPTO 9 SA-T 240 714 337 11.6 0.18 180 160 1.2 LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALLIMINUM FOU	
VAV-305 8 SA-6 120 542 271 8.8 0.18 180 160 0.9 ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL E.H. PRICE SDV C/W 3'-0"	VAV-1P01 12 SA-1 378 1259 629.5 20.5 0.18 180 16	E.H. PRICE SDV C/W 3'-0"	LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL	
VAV-306         8         SA-6         270         540         270         8.8         0.18         180         160         0.9         ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COL           VAV-306         8         SA-6         270         540         270         8.8         0.18         160         0.9         ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COL           E.H. PRICE SDV C/W 3'-0"		E.H. PRICE SDV C/W 3'-0"	LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL	
VAV-307         6         SA-6         135         270         135         4.4         0.18         180         160         0.5         ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL                     ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	VAV-1P03 8 SA-1 160 534 267 8.7 0.18 180 16	160 0.9 LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY	VAV-BP13 12 3A-1 330 1113 333.3 18.2 0.18 180 160 1.0 LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL VAV-BP14 5 SA-1 63 210 105 3.4 0.18 180 160 0.4 LINER C/W 1 ROW HEIGH CAPACITY LINER C/W 1 ROW HEIGH CAPACITY	
VAV-308         8         SA-6         270         540         270         8.8         0.18         180         160         0.9         ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL           VAV-308         8         SA-6         270         540         270         8.8         0.18         180         160         0.9         ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	VAV-1P04 9 SA-1 130 434 217 7.1 0.18 180 16	160 0.7 REHEAT COIL E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY	VAV-BP15 6 SA-1 84 280 140 4.6 0.18 180 160 0.5 ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY	
VAV-309         7         SA-6         200         400         200         6.5         0.18         180         160         0.7         ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL           VAV-309         7         SA-6         200         400         200         6.5         0.18         180         160         0.7         ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL           VAV-310         8         CA-6         270         540         270         8.8         180         160         0.7         ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	VAV-1P05 10 SA-1 169 563 281.5 9.2 0.18 180 16	160 1 REHEAT COIL E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY	VAV-BP16 5 SA-1 57 184 92 3.0 0.18 180 160 0.3 REHEAT COIL LINER C/W 1 ROW HEIGH CAPACITY	
VAV-SIO 8 SA-6 270 540 270 8.8 0.18 180 160 0.9 LINER C/W 1 ROW HEIGH CAPACITY REHEAT COLL E.H. PRICE SDV C/W 3'-0"		LINER C/W 1 ROW HEIGH CAPACITY	VAV-BP17 4 SA-1 48 161 80.5 2.6 0.18 180 160 0.3 REHEAT COIL LINER C/W 1 ROW HEIGH CAPACITY	
VAV-311         7         SA-6         200         400         200         6.5         0.18         180         160         0.7         ATTENDATOR AND ALLOWING FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL           VAV-312         8         SA-6         270         540         270         8.8         0.18         180         160         0.7         ATTENDATOR AND ALLOWING FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL           VAV-312         8         SA-6         270         540         270         8.8         0.18         180         160         0.9         ATTENUATOR AND ALLOWING FOIL	VAV-1P07 8 SA-1 154 513 256.5 8.4 0.18 180 16	160 0.9 REHEAT COIL E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	VAV-BP18 6 SA-1 78 260 130 4.2 0.18 180 160 0.5 REHEAT COIL KAV-BP18 6 SA-1 78 260 130 4.2 0.18 180 160 0.5 ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	
EINER C/W 1 ROW HEIGH CAPACITY REHEAT COL E.H. PRICE SDV C/W 3'-0"	VAV-1P08 6 SA-1 86 288 144 4.7 0.18 180 16	E.H. PRICE SDV C/W 3'-0"	VAV-BP19 12 SA-1 327 1089 544.5 17.8 0.18 180 160 1.8 E.H. PRICE SDV C/W 3'-0" LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	
VAV-2P01         6         SA-1         66         275         137.5         4.5         0.18         180         160         0.5         ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL           VAV-2P01         6         SA-1         66         275         137.5         4.5         0.18         180         160         0.5         ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL           VAV-0P00         5         CA.1         77         700         154.5         5.0         0.18         180         160         0.5         ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	VAV-1P09 5 SA-1 60 200 100 3.3 0.18 180 16	160 0.4 E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	VAV-BP20 12 SA-1 327 1089 544.5 17.8 0.18 180 160 1.8 E.H. PRICE SDV C/W 3'-0" LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	
VAV=2P02         5         SA=1         77         309         154.5         5.0         0.18         180         160         0.5         LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL           E.H. PRICE         SDV C/W 3'-0"         E.H. PRICE         SDV C/W 3'-0"         E.H. PRICE         SDV C/W 3'-0"	VAV-1P10 5 SA-1 60 200 100 3.3 0.18 180 16	LINER C/W 1 ROW HEIGH CAPACITY	VAV-B01       12       SA-2       324       1080       540       17.6       0.18       180       160       1.8       E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL         VAV-B01       12       SA-2       324       1080       540       17.6       0.18       180       160       1.8       ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	
VAV-2P03 7 SA-1 133 530 265 8.6 0.18 180 160 0.9 LINER C/W 1 ROW HEIGH CAPACITY REHEAT COL E.H. PRICE SDV C/W 3'-0"	VAV-1P11 6 SA-1 106 352 176 5.7 0.18 180 16	LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	VAV-B02 12 SA-2 332 1105 552.5 18.0 0.18 180 160 1.8 ILH. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL E.H. PRICE SDV C/W 3'-0"	
VAV=2P04         8         SA=1         65         261         130.5         4.3         0.18         180         160         0.5         LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL           VAV=2P05         5         SA=1         55         220         110         3.6         0.18         180         160         0.5         LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL           VAV=2P05         5         SA=1         55         220         110         3.6         0.18         180         160         0.4         ATTENUATOR AND ALUMINUM FOIL	VAV-1P12 6 SA-1 81 271 135.5 4.4 0.18 180 16	160 0.5 E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL E.H. PRICE SDV C/W 3'-0"	VAV-B03 8 SA-2 174 581 290.5 9.5 0.18 180 160 1 ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL E.H. PRICE SDV C/W 3'-0"	
LINER C/W 1 ROW HEIGH CAPACITY REHEAT COL E.H. PRICE SDV C/W 3'-0" E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL	VAV-1P13 8 SA-1 167 555 277.5 9.0 0.18 180 16	160 0.9 ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL E.H. PRICE SDV C/W 3'-0"	VAV-B04 6 SA-2 66 220 110 3.6 0.18 180 160 0.4 ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL E.H. PRICE SDV C/W 3'-0"	
VAV-21 00         12         SA-1         240         300         400         100         100         100         LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL           VAV-2P07         6         SA-1         83         390         195         6.4         0.18         180         160         0.7         LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL           VAV-2P07         6         SA-1         83         390         195         6.4         0.18         180         160         0.7         LINER C/W 1 ROW HEIGH CAPACITY ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY		E.H. PRICE SDV C/W 3'-0"	VAV-B05       12       SA-2       306       1017       508.5       16.6       0.18       180       160       1.7       ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL         Image: Comparison of the second compariso	
VAV-2P08         6         SA-1         75         300         150         4.9         0.18         180         160         0.5         E.H. PRICE SDV C/W 3'-0"           VAV-2P08         6         SA-1         75         300         150         4.9         0.18         180         160         0.5         E.H. PRICE SDV C/W 3'-0"		E.H. PRICE SDV C/W 3'-0"	VAV-B06       9       SA-2       153       763       381.5       12.4       0.18       180       160       1.3       ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL         VAV-D07       6       SA-2       84       280       140       4.6       0.18       180       160       1.3       ATTENUATOR AND ALUMINUM FOIL         VAV-D07       6       SA-2       84       280       140       4.6       0.18       180       160       0.5       ATTENUATOR AND ALUMINUM FOIL	
VAV-2P09         7         SA-1         127         426         213         6.9         0.18         180         160         0.7         E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY	VAV-1P16 7 SA-1 135 449 224.5 7.3 0.18 180 16	LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL E.H. PRICE SDV C/W 3'-0"	VAV-BU7 6 SA-2 84 280 140 4.6 0.18 180 160 0.5 LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL E.H. PRICE SDV C/W 3'-0"	
VAV-2P10     8     SA-1     154     618     309     10.1     0.18     180     160     1     REHEAT COIL E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY		160     1.5     LINER C/W 1 ROW HEIGH CAPACITY     V/       REHEAT COIL     E.H. PRICE SDV C/W 3'-0"       E.H. PRICE SDV C/W 3'-0"       ATTENUATOR AND ALUMINUM FOIL	VAV-B08       7       SA-2       165       549       274.5       9.0       0.18       180       160       0.9       ATTENUATOR AND ALOMINOM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL         VAV-B09       6       SA-2       92       305       152.5       5.0       0.18       180       160       0.9       ATTENUATOR AND ALOMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL         VAV-B09       6       SA-2       92       305       152.5       5.0       0.18       180       160       0.5       ATTENUATOR AND ALOMINUM FOIL	
VAV-2P11 5 SA-1 60 165 82.5 2.7 0.18 180 160 0.3 REHEAT COLL LINER C/W 1 ROW HEIGH CAPACITY	VAV-1P18 7 SA-1 128 423 211.5 6.9 0.18 180 16 VAV-1P19 7 SA-1 126 627 313.5 10.2 0.18 180 16	E.H. PRICE SDV C/W 3'-0"	VAV-RIO 10 SA-2 240 800 400 130 018 180 160 1 3 ATTENUATOR AND ALUMINUM FOIL	
VAV-2P12 6 SA-1 70 275 137.5 4.5 0.18 180 160 0.5 REHEAT COIL ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	VAV-1P19 7 SA-1 128 960 480 15.7 0.18 180 16	E.H. PRICE SDV C/W 3'-0"	VAV-B10         10         SA-2         240         800         400         13.0         0.18         180         160         1.3         LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL           VAV-B11         9         SA-2         218         725         362.5         11.8         0.18         180         160         1.2         LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL           VAV-B11         9         SA-2         218         725         362.5         11.8         0.18         180         160         1.2         LINER C/W 1 ROW HEIGH CAPACITY LINER C/W 1 ROW HEIGH CAPACITY	
VAV-2P13     5     SA-1     52     210     105     3.4     0.18     180     160     0.4     REHEAT COIL E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	VAV-1P21 10 SA-1 288 960 480 15.7 0.18 180 16	E.H. PRICE SDV C/W 3'-0"	VAV-R12 7 SA-2 135 450 225 73 018 180 160 0.8 ATTENUATOR AND ALUMINUM FOIL	
VAV-2P14 12 SA-1 315 1260 630 20.5 0.18 180 160 2.1 E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	VAV-1P22 5 SA-1 58 165 82.5 2.7 0.18 180 16	160 0.3 REHEAT COIL E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY	VAV-B13 7 SA-2 125 403 201.5 6.6 0.18 180 160 0.7 LINER C/W 1 ROW HEIGH CAPACITY LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY	
VAV-2P15         8         SA-1         163         646         323         10.5         0.18         180         160         1.1         E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL   <	VAV-1P23 8 SA-1 168 560 280 9.1 0.18 180 16	160 1 REHEAT COIL E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY	VAV-B14         10         SA-2         282         939         469.5         15.3         0.18         180         160         1.6         REHEAT COIL E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY	
VAV-2P16         7         SA-1         0         495         247.5         8.1         0.18         180         160         0.8         E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL           VAV-2P16         7         SA-1         0         495         247.5         8.1         0.18         180         160         0.8         ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	VAV-1P24 10 SA-1 265 884 442 14.4 0.18 180 16	160 1.5 REHEAT COIL E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY	VAV-B15 12 SA-2 333 1119 559.5 18.2 0.18 180 160 1.9 REHEAT COIL LINER C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY	
VAV-2P17         6         SA-1         0         225         112.5         3.7         0.18         180         160         0.4         ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL                     ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	VAV-1P25 6 SA-1 107 356 178 5.8 0.18 180 16	160 0.6 REHEAT COIL E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	VAV-B16 8 SA-2 153 510 255 8.3 0.18 180 160 0.9 REHEAT COIL LINER C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	
VAV-2P18         7         SA-1         0         449         224.5         7.3         0.18         180         160         0.8         ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL           Image: Comparison of the state of the sta	VAV-1P26 6 SA-1 81 271 135.5 4.4 0.18 180 16	160 0.5 E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL V LINER C/W 1 ROW HEIGH CAPACITY V	VAV-B17 6 SA-2 102 341 170.5 5.6 0.18 180 160 0.6 E.H. PRICE SDV C/W 3'-0" LINER C/W 1 ROW HEIGH CAPACITY	
VAV-2P19         10         SA-1         0         800         400         13.0         0.18         180         160         1.3         ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL           VAV-2P19         10         SA-1         0         800         400         13.0         0.18         180         160         1.3         ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	VAV-1P27 12 SA-1 292 973 486.5 15.9 0.18 180 16	160 1.6 REHEAT COIL E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL E.H. PRICE SDV C/W 3'-0"	VAV-B18 4 SA-2 57 155 77.5 2.5 0.18 180 160 0.3 REHEAT COIL E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	
VAV-2P20         5         SA-1         0         161         80.5         2.6         0.18         180         160         0.3         ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL           VAV-2P21         5         SA-1         0         195         97.5         3.2         0.18         180         160         0.4         ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL           VAV-2P21         5         SA-1         0         195         97.5         3.2         0.18         180         160         0.4         ATTENUATOR AND ALUMINUM FOIL	VAV-1P28 7 SA-1 117 390 195 6.4 0.18 180 16		VAV-B19 9 SA-2 218 727 363.5 11.9 0.18 180 160 1.2 E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL E.H. PRICE SDV C/W 3'-0"	
VAV-2P21 5 SA-1 0 195 97.5 3.2 0.18 180 160 0.4 ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	VAV-1P29 5 SA-1 58 150 75 2.4 0.18 180 16		VAV-B20 8 SA-2 231 769 384.5 12.5 0.18 180 160 1.3 E.H. PRICE SDV C/W 3'-0" ATTENUATOR AND ALUMINUM FOIL LINER C/W 1 ROW HEIGH CAPACITY REHEAT COIL	

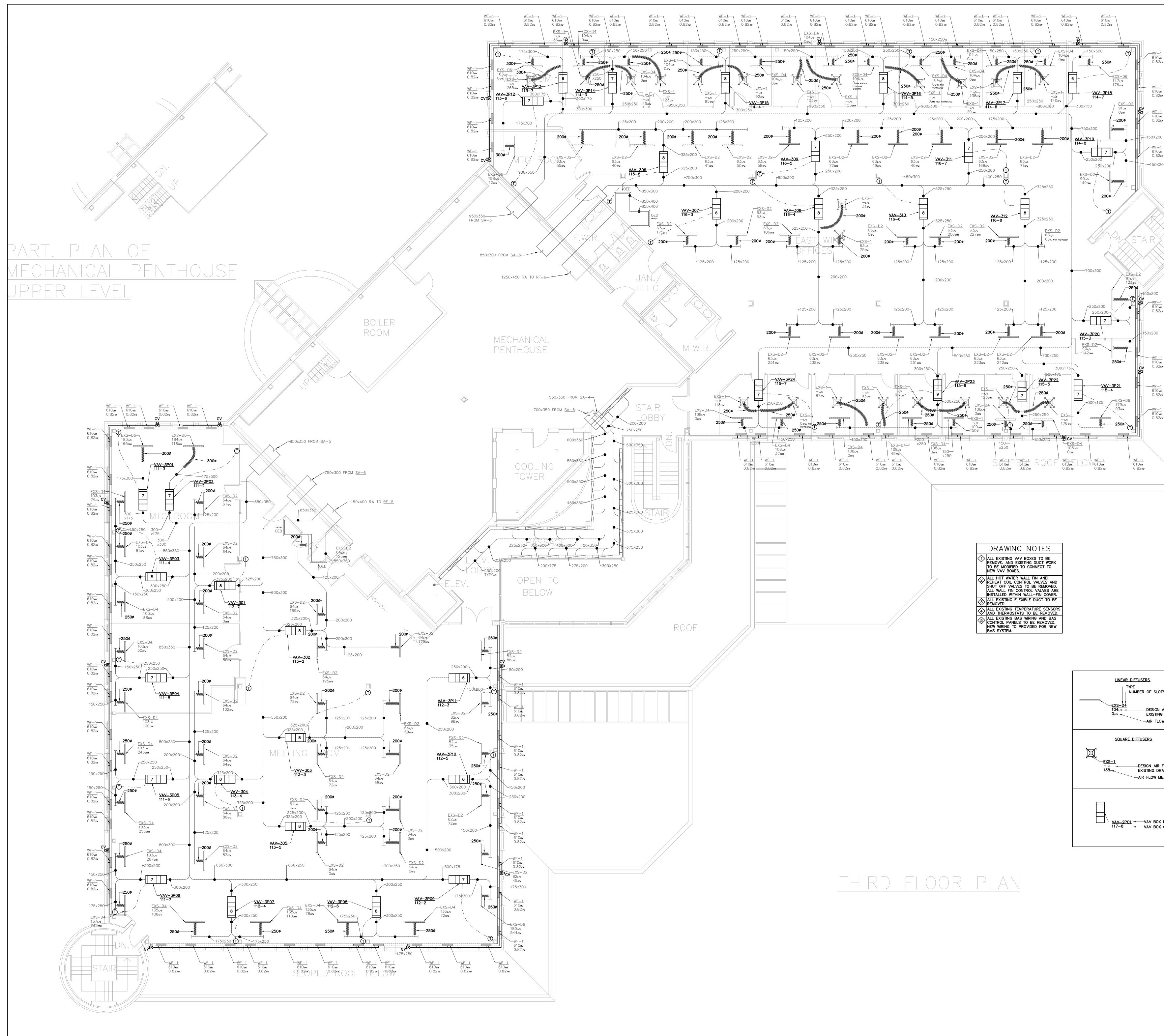


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ISSUE No.		ate 21, 2021
PROJECT :	CATHOLIC EDUCATION CENTRE BAS, VAV, REHEAT COILS & EXHAUST FANS REPLACEMENT PROJECT 40 MATHESON BOULEVARD W., MISSISSAUGA ON	
PROFESS	SIONAL SEAL :	
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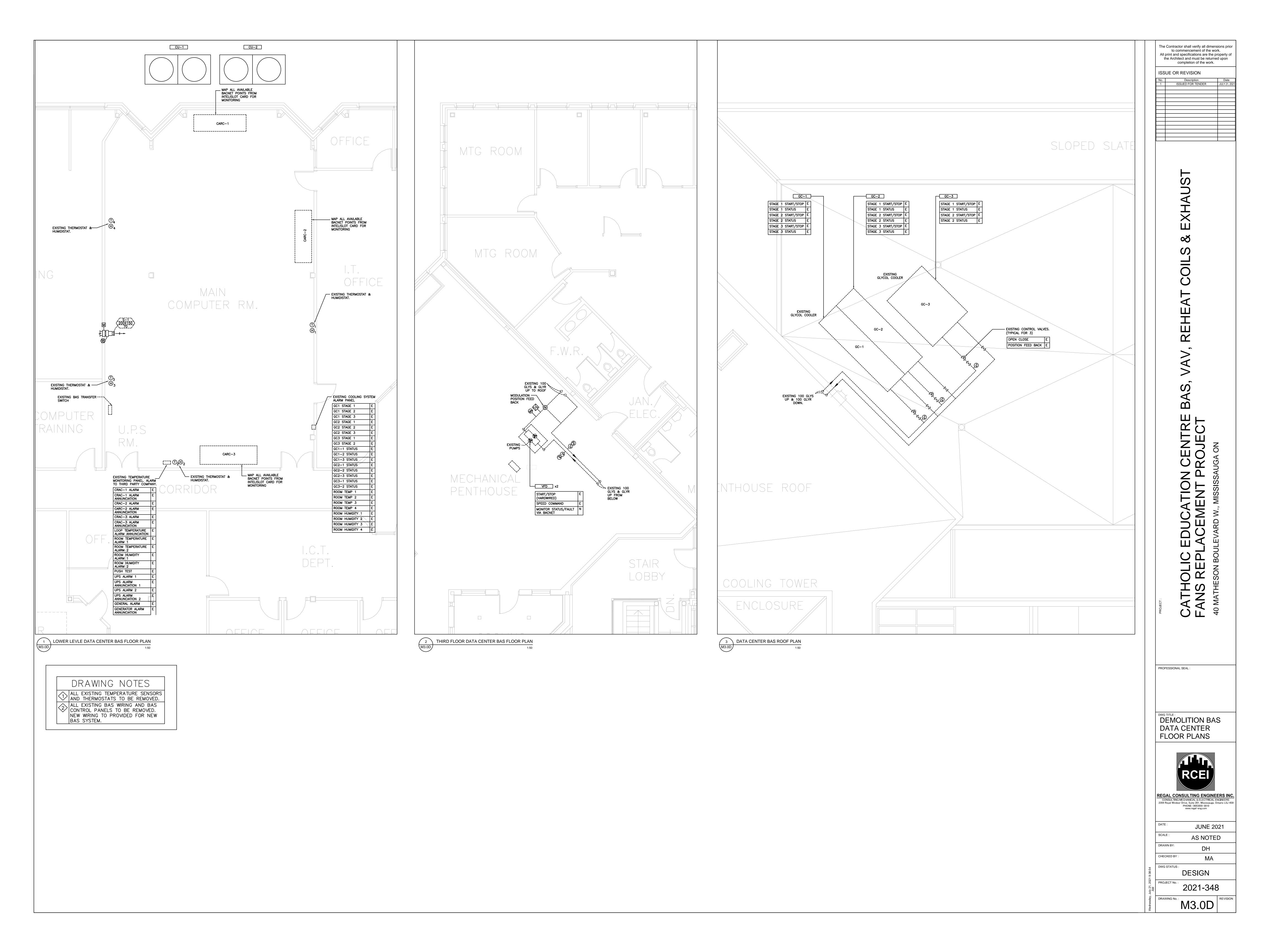


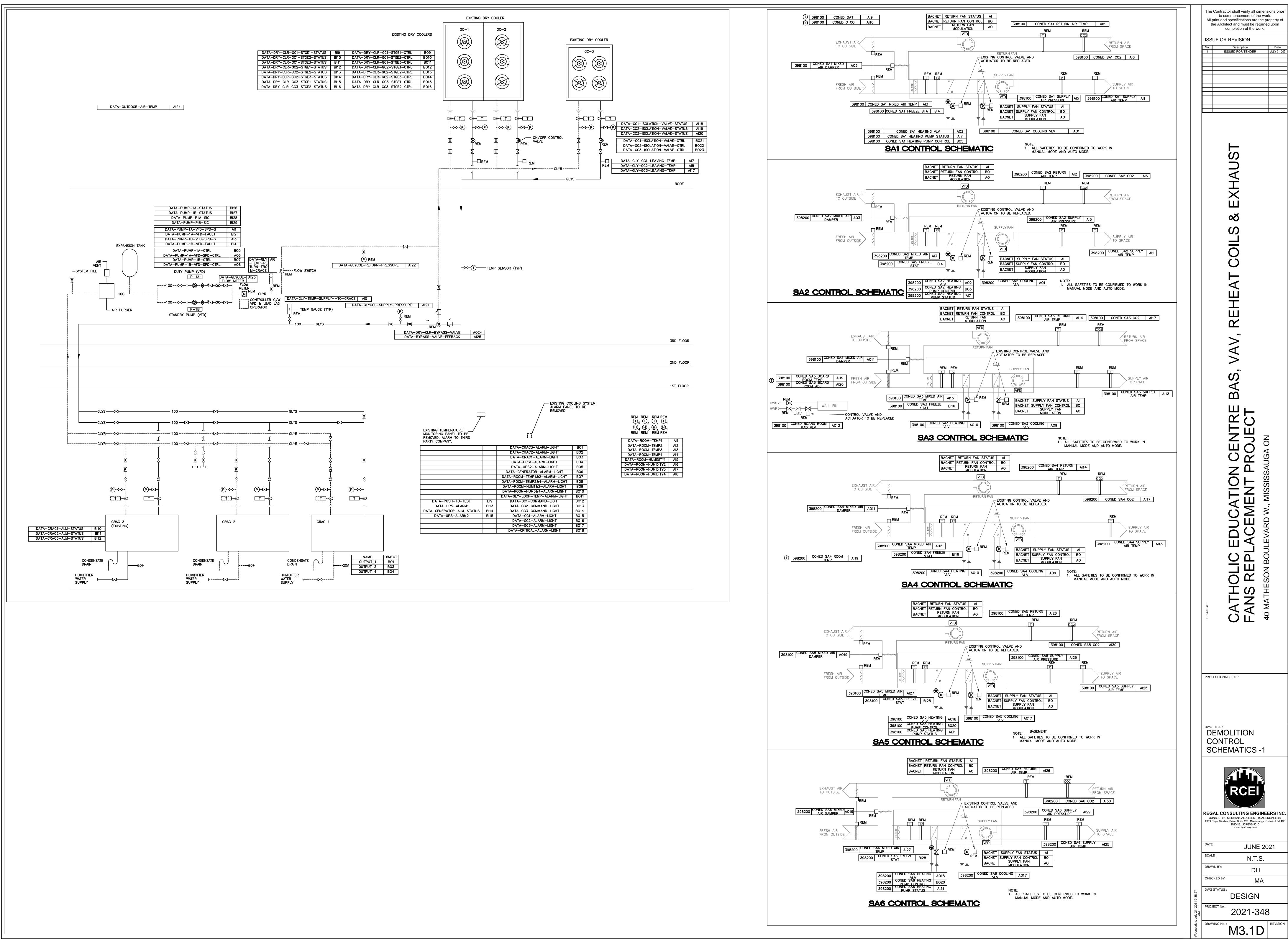


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	DR REVISION Description ISSUED FOR TENDER		Date JULY 21, 202
PROFESSIO	CATHOLIC EDUCATION CENTRE BAS, VAV, REHEAT COILS & EXHAUST FANS REPLACEMENT PROJECT	40 MATHESON BOULEVARD W. MISSISSAUGA ON	
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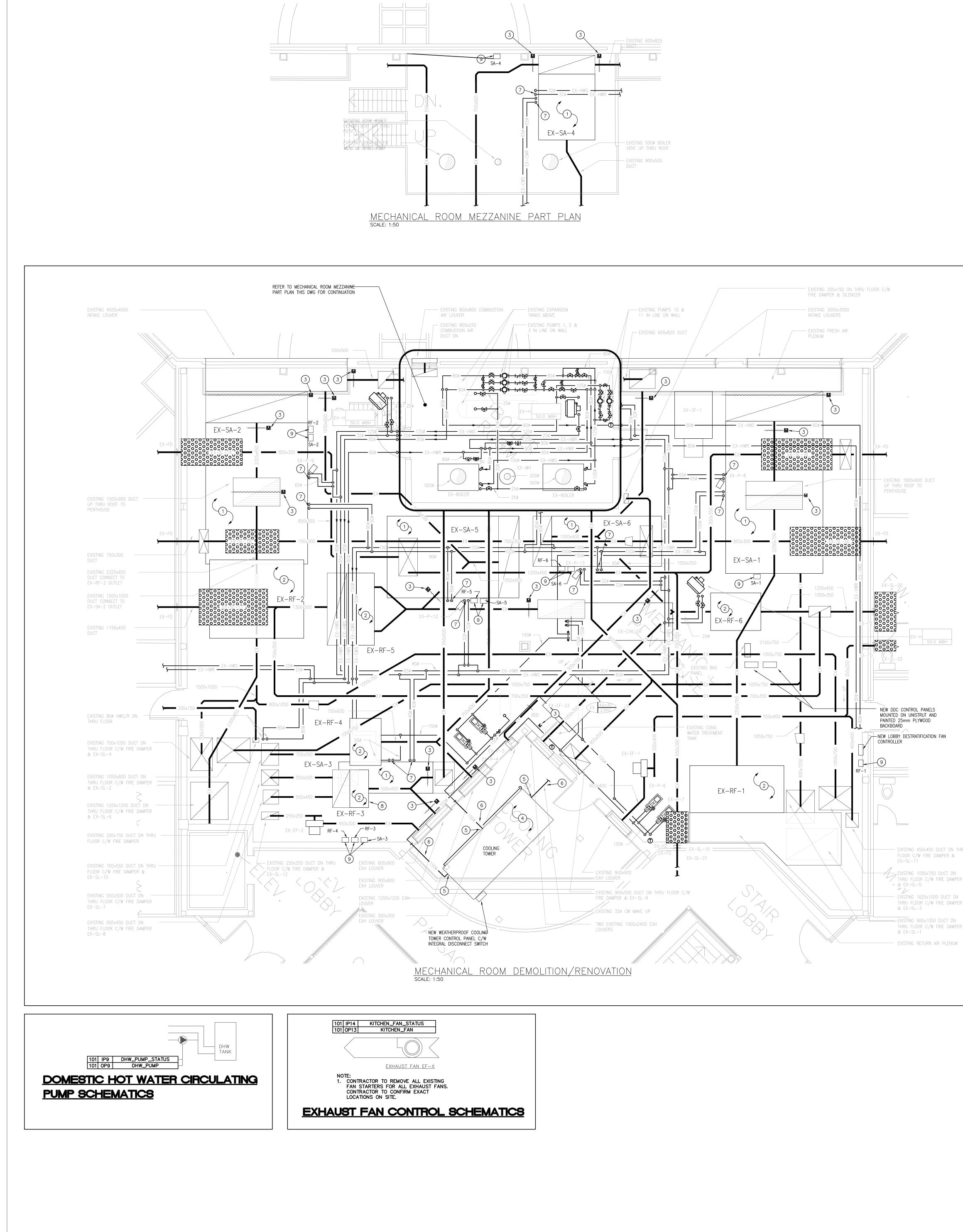
		The Contractor shall verify all dimensions prior to commencement of the work. All print and specifications are the property of the Architect and must be returned upon completion of the work.		
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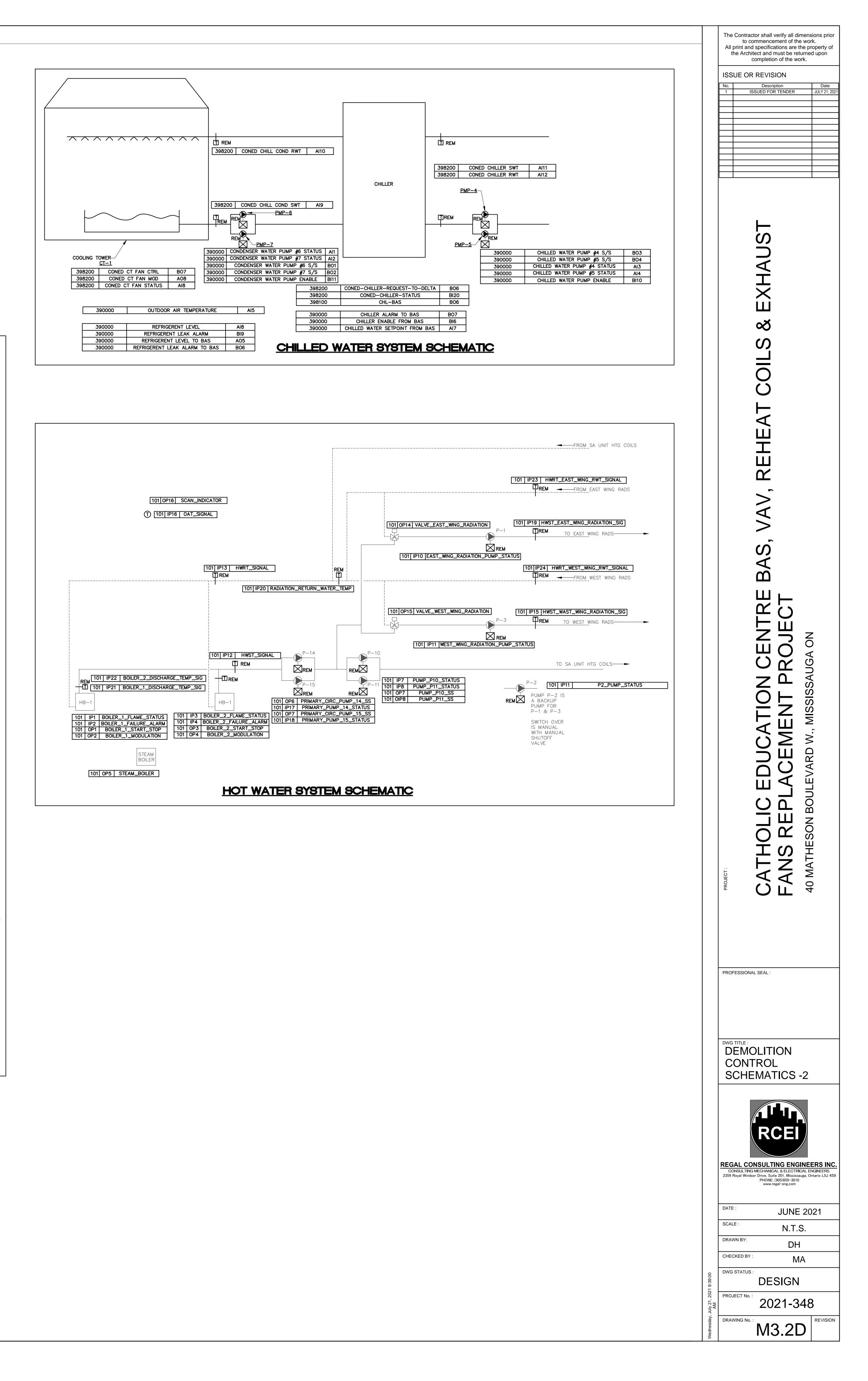




the Architect and must be returned upon completion of the work. ISSUED FOR TENDER DUCATION CENTRE CEMENT PROJECT Z  $\square$ CATHOLIC I FANS REPL 2  $\circ$ **SCHEMATICS -1** RCE

REVISION





SUPPLY AIR FROM AHU LOW HIGH	VAV CONTROLLER D.A.T. DISCHARGE AIR
	TEMPERATURE
INTE CON ① IP31 SETPOINT_SIGNAL_3	
IP35 TEMP_RM	HWR REM REM WALL FINS
VAV BO	OX CONTROL SCHEMATIC
WALKER CONTROL BAS I/O POINTS FOR VAV AND BOILER PLANT CONTROL.	[127] IP31   SETPOINT_SIGNAL_3  127   OP31   RAD_VALVE_IF_ANY_3   [135   IP31   SETPOINT_SIGNAL_3  135   OP31   RAD_VALVE_IF_AN
PAN     INPU     OBJECTS     NAME     PAN     OUTP     OBEJECTS     NAME       EL     TS     EL     UT     UT     UT     UT     UT       111     IP21     SETPOINT_SIGNAL_2     111     OP21     RAD_VALVE_MEETING_RM	127         IP35         TEMP_3         127         OP36         MOTOR_CONTROL_3         135         IP35         TEMP_3         135         OP36         MOTOR_CONTROL_3           127         IP36         VELOCITY_PRESSURE_3         135         IP36         VELOCITY_PRESSURE_3         IP36
	127         IP45         TEMP_4         127         OP46         MOTOR_CONTROL_4         135         IP45         TEMP_4         135         OP46         MOTOR_CONTROL_4           127         IP46         VELOCITY_PRESSURE_4         135         IP46         VELOCITY_PRESSURE_4         IP46         VELOCITY_PRESSURE_4         IP46         VELOCITY_PRESSURE_4         IP46         IP46 </td
112         IP21         SETPOINT_SIGNAL         112         OP21         RAD_VALVE_MTG_RM_301           112         IP25         TEMP_2         112         OP26         MOTOR_CONTROL_2           112         IP26         VELOCITY_PRESSURE_2         Image: Control of the second s	127         IP55         TEMP_5         127         OP56         MOTOR_CONTROL_5         135         IP55         TEMP_5         135         OP56         MOTOR_CONTROL_5           127         IP56         VELOCITY_PRESSURE_5
112         III 20         VILCOTTIRECCORE_L           113         IP21         SETPOINT_SIGNAL         113         OP21         RAD_VALVE_MTG_RM_301           113         IP25         TEMP_2         113         OP26         MOTOR_CONTROL_2	127         IP65         TEMP_6         127         OP66         MOTOR_CONTROL_6         135         IP65         TEMP_6         135         OP66         MOTOR_CONTROL_6           127         IP66         VELOCITY_PRESSURE_6         135         IP71         SETPOINT_SIGNAL_7         135         OP71         RAD_VALVE_IF_ANY_7         135         IP71         SETPOINT_SIGNAL_7         135         OP71         RAD_VALVE_IF_ANY_7
113         IP26         VELOCITY_PRESSURE_2           113         IP61         SETPOINT_SIGNAL         113         OP61         RAD_VALVE_6           113         IP65         TEMP_6         113         OP66         MOTOR_CONTROL_6	127         IP75         TEMP_7         127         OP76         MOTOR_CONTROL_7           127         IP76         VELOCITY_PRESSURE_7         135         IP75         TEMP_7         135         OP76         MOTOR_CONTROL_7           127         IP76         VELOCITY_PRESSURE_7         135         IP76         VELOCITY_PRESSURE_7         135         OP81         RAD_VALVE_IF_ANY_8           127         IP81         SETPOINT_SIGNAL_8         127         OP81         RAD_VALVE_IF_ANY_8         135         IP81         SETPOINT_SIGNAL_8         135         OP81         RAD_VALVE_IF_ANY_8
113         IP66         VELOCITY_PRESSURE_6           113         IP71         SETPOINT_SIGNAL         113         OP71         RAD_VALVE_7           113         IP75         TEMP_7         113         OP76         MOTOR_CONTROL_7	127         IP85         TEMPERATURE_8         127         OP86         MOTOR_CONTROL_8         135         IP85         TEMPERATURE_8         135         OP86         MOTOR_CONTROL         135         IP85         TEMPERATURE_8         135         OP86         MOTOR_CONTROL         135         IP85         TEMPERATURE_8         135         OP86         MOTOR_CONTROL           127         IP86         VELOCITY_PRESSURE_8         135         IP86         VELOCITY_PRESSURE_8         135         OP91         RAD_VALVE_IF_ANY_9           127         IP91         SETPOINT_SIGNAL_9         127         OP91         RAD_VALVE_IF_ANY_9         135         IP91         SETPOINT_SIGNAL_9         135         OP91         RAD_VALVE_IF_ANY_9
113       IP76       VELOCITY_PRESSURE_7         114       IP31       SETPOINT_SIGNAL_3       114       OP31       RAD_VALVE_IF_ANY_3	127       IP95       TEMP_9       127       OP96       MOTOR_CONTROL_9         127       IP96       VELOCITY_PRESSURE_9       135       IP95       TEMP_9       135       OP96       MOTOR_CONTROL         127       IP96       VELOCITY_PRESSURE_9       135       IP96       VELOCITY_PRESSURE_9       1450       IP96       VELOCITY_PRESSURE_9       1450       IP96       VELOCITY_PRESSURE_9       1450
114         IP35         TEMP_3         114         OP36         MOTOR_CONTROL_3           114         IP36         VELOCITY_PRESSURE_3	128       IP31       SETPOINT_SIGNAL_3       128       OP31       RAD_VALVE_IF_ANY_3         128       IP35       TEMP_3       128       OP36       MOTOR_CONTROL_3         128       IP36       VELOCITY_PRESSURE_3       128       OP36       MOTOR_CONTROL_3         128       IP36       VELOCITY_PRESSURE_3       136       OP36       MOTOR_CONTROL_3         128       IP36       VELOCITY_PRESSURE_3       136       OP36       MOTOR_CONTROL_3         136       IP36       VELOCITY_PRESSURE_3       136       OP36       MOTOR_CONTROL
114         IP45         TEMP_4         114         OP46         MOTOR_CONTROL_4           114         IP46         VELOCITY_PRESSURE_4	128       IP41       SETPOINT_SIGNAL_4       128       OP41       RAD_VALVE_IF_ANY_4         128       IP45       TEMP_4       128       OP46       MOTOR_CONTROL_4         128       IP46       VELOCITY_PRESSURE_4       136       IP45       TEMP_4       136       OP46       MOTOR_CONTROL_4         128       IP46       VELOCITY_PRESSURE_4       136       IP46       IP
114         IP55         TEMP_5         114         OP56         MOTOR_CONTROL_5           114         IP56         VELOCITY_PRESSURE_5	128       IP51       SETPOINT_SIGNAL_5       128       OP51       RAD_VALVE_IF_ANY_3         128       IP55       TEMP_5       128       OP56       MOTOR_CONTROL_5         128       IP56       VELOCITY_PRESSURE_5       136       IP51       SETPOINT_SIGNAL_6       136       OP61       RAD_VALVE_IF_AN
114         IP65         TEMP_6         114         OP66         MOTOR_CONTROL_6           114         IP66         VELOCITY_PRESSURE_6	128         IP61         SETPOINT_SIGNAL_6         128         OP61         RAD_VALVE_ROOM_159           128         IP65         TEMP_6         128         OP66         MOTOR_CONTROL_6         136         IP61         SETPOINT_SIGNAL_6         136         OP61         RAD_VALVE_IF_AN           128         IP66         VELOCITY_PRESSURE_6         Image: Control of the set of the
114         IP75         TEMP_7         114         OP76         MOTOR_CONTROL_7           114         IP76         VELOCITY_PRESSURE_7	128         IP75         TEMP_7         128         OP76         MOTOR_CONTROL_7         136         IP75         TEMP_7         136         OP76         MOTOR_CONTROL_7           128         IP76         VELOCITY_PRESSURE_7           136         IP75         TEMP_7         136         OP76         MOTOR_CONTROL_7
114IP85TEMPERATURE_8114OP86MOTOR_CONTROL_8114IP86VELOCITY_PRESSURE_8	128IP85TEMPERATURE_8128OP86MOTOR_CONTROL_8136IP85TEMPERATURE_8136OP86MOTOR_CONTROL128IP86VELOCITY_PRESSURE_8136IP86VELOCITY_PRESSURE_8<
114         IP95         TEMP_9         114         OP96         MOTOR_CONTROL_9           114         IP96         VELOCITY_PRESSURE_9	128         IP91         SETPOINT_SIGNAL_9         128         OP91         RAD_VALVE_IF_ANY_9           128         IP95         TEMP_9         128         OP96         MOTOR_CONTROL_9         136         IP91         SETPOINT_SIGNAL_9         136         OP91         RAD_VALVE_IF_ANY           128         IP96         VELOCITY_PRESSURE_9         128         OP96         MOTOR_CONTROL_9         136         IP95         TEMP_9         136         OP96         MOTOR_CONTROL           128         IP96         VELOCITY_PRESSURE_9         0
115         IP31         SETPOINT_SIGNAL_3         115         OP31         RAD_VALVE_IF_ANY_3           115         IP35         TEMP_3         115         OP36         MOTOR_CONTROL_3           115         IP36         VELOCITY_PRESSURE_3         Image: Control = 10 model         Control = 10 model	129       IP31       SETPOINT_SIGNAL_3       129       OP31       RAD_VALVE_LIBRARY         129       IP35       TEMP_3       129       OP36       MOTOR_CONTROL_3         129       IP36       VELOCITY_PRESSURE_3       MOTOR_CONTROL_3
115IP41SETPOINT_SIGNAL_4115OP41RAD_VALVE_IF_ANY_4115IP45TEMP_4115OP46MOTOR_CONTROL_4115IP46VELOCITY_PRESSURE_4	129       IP36       VELOCITY_PRESSURE_3       129         129       IP41       SETPOINT_SIGNAL_4       129       OP41       RAD_VALVE_IF_ANY_4         129       IP45       TEMP_4       129       OP46       MOTOR_CONTROL_4         129       IP46       VELOCITY_PRESSURE_4       137       IP45       TEMP_4       137       OP46       MOTOR_CONTROL_4         137       IP46       VELOCITY_PRESSURE_4       137       IP46       VELOCITY_PRESSURE_4       137       OP46       MOTOR_CONTROL
115         IP51         SETPOINT_SIGNAL_5         115         OP51         RAD_VALVE_IF_ANY_5           115         IP55         TEMP_5         115         OP56         MOTOR_CONTROL_5           115         IP56         VELOCITY_PRESSURE_5         III5         OP56         MOTOR_CONTROL_5	129       IP46       VELOCITY_PRESSURE_4       137       IP46       VELOCITY_PRESSURE_5       137       IP51       SETPOINT_SIGNAL_5       137       IP56       VELOCITY_PRESSURE_5       IP56       VELOCITY_PRESSURE_5       IP56       VELOCITY_PRESSURE_5       IP56       VELOCITY_PRESSURE_5       IP56       VELOCITY_PRESSURE_5       IP56       VELOCITY_PRESSURE_5       IP56
115         IP61         SETPOINT_SIGNAL_6         115         OP61         RAD_VALVE_IF_ANY_6           115         IP65         TEMP_6         115         OP66         MOTOR_CONTROL_6           115         IP66         VELOCITY_PRESSURE_6	129       IP56       VELOCITY_PRESSURE_5       IP56       VELOCITY_PRESSURE_6       IP56       IP56       VELOCITY_PRESSURE_6       IP56       IP56       VELOCITY_PRESSURE_6       IP56
115         IP71         SETPOINT_SIGNAL_7         115         OP71         RAD_VALVE_IF_ANY_7           115         IP75         TEMP_7         115         OP76         MOTOR_CONTROL_7           115         IP76         VELOCITY_PRESSURE_7         Image: Control = 100 model         Image: Control = 100 model	129       IP71       SETPOINT_SIGNAL_7       129       OP71       RAD_VALVE_IF_ANY_7         129       IP75       TEMP_7       129       OP76       MOTOR_CONTROL_7         129       IP76       VELOCITY_PRESSURE_7       VELOCITY_PRESSURE_7       VELOCITY_PRESSURE_7
115         IP81         SETPOINT_SIGNAL_8         115         OP81         RAD_VALVE_IF_ANY_8           115         IP85         TEMPERATURE_8         115         OP86         MOTOR_CONTROL_8           115         IP86         VELOCITY_PRESSURE_8         I<	129         IP81         SETPOINT_SIGNAL_8         129         OP81         RAD_VALVE           129         IP85         TEMPERATURE_8         129         OP86         MOTOR_CONTROL_8         137         IP81         SETPOINT_SIGNAL_8         137         OP81         RAD_VALVE_IF_AI           129         IP85         TEMPERATURE_8         129         OP86         MOTOR_CONTROL_8         137         IP85         TEMPERATURE_8         137         OP86         MOTOR_CONTROL           129         IP86         VELOCITY_PRESSURE_8         Image: Control of the second s
115         IP91         SETPOINT_SIGNAL_9         115         OP91         RAD_VALVE_IF_ANY_9           115         IP95         TEMP_9         115         OP96         MOTOR_CONTROL_9           115         IP96         VELOCITY_PRESSURE_9	129         IP91         SETPOINT_SIGNAL_9         129         OP91         RAD_VALVE_IF_ANY_9           129         IP95         TEMP_9         129         OP96         MOTOR_CONTROL_9         137         IP91         SETPOINT_SIGNAL_9         137         OP91         RAD_VALVE_IF_ANY           129         IP95         TEMP_9         129         OP96         MOTOR_CONTROL_9         137         IP95         TEMP_9         137         OP96         MOTOR_CONTROL           129         IP96         VELOCITY_PRESSURE_9         Image: Control of the second secon
116         IP31         SETPOINT_SIGNAL_3         116         OP31         RAD_VALVE_IF_ANY_3           116         IP35         TEMP_3         116         OP36         MOTOR_CONTROL_3           116         IP36         VELOCITY_PRESSURE_3         Image: Control of the second s	130         IP31         SETPOINT_SIGNAL_3         130         OP31         RAD_VALVE_IF_ANY_3         138         IP31         SETPOINT_SIGNAL_3         138         OP31         RAD_VALVE_IF_ANY_3           130         IP35         TEMP_3         130         OP36         MOTOR_CONTROL_3         138         IP35         TEMP_3         138         OP36         MOTOR_CONTROL_3         138         IP35         TEMP_3         138         OP36         MOTOR_CONTROL         138         IP35         TEMP_3         138         IP36         MOTOR_CONTROL         IP37         IP38         IP38         IP37         IP38
116       IP36       VELOCITY_PRESSURE_3         116       IP41       SETPOINT_SIGNAL_4       116       OP41       RAD_VALVE_IF_ANY_4         116       IP45       TEMP_4       116       OP46       MOTOR_CONTROL_4         116       IP46       VELOCITY_PRESSURE_4       Image: Control = 10 minipage	130         IP36         VELOCITY_PRESSURE_3         138         IP36         138         IP36         138
116         IP51         SETPOINT_SIGNAL_5         116         OP51         RAD_VALVE_IF_ANY_5           116         IP55         TEMP_5         116         OP56         MOTOR_CONTROL_5           116         IP56         VELOCITY_PRESSURE_5         Image: Control = 0         Image: Control = 0	130         IP46         VELOCITY_PRESSURE_4         138         IP
116       IP61       SETPOINT_SIGNAL_6       116       OP61       RAD_VALVE_IF_ANY_6         116       IP65       TEMP_6       116       OP66       MOTOR_CONTROL_6         116       IP66       VELOCITY_PRESSURE_6       Image: Control of the second se	130         IP56         VELOCITY_PRESSURE_5         138         IP56
116         IP71         SETPOINT_SIGNAL_7         116         OP71         RAD_VALVE_IF_ANY_7           116         IP75         TEMP_7         116         OP76         MOTOR_CONTROL_7           116         IP76         VELOCITY_PRESSURE_7         Image: Control of the second s	130         IP66         VELOCITY_PRESSURE_6         138         IP66         VELOCITY_PRESSURE_6         138         IP66         VELOCITY_PRESSURE_6         IP66
116       IP81       SETPOINT_SIGNAL_8       116       OP81       RAD_VALVE_IF_ANY_8         116       IP85       TEMPERATURE_8       116       OP86       MOTOR_CONTROL_8         116       IP86       VELOCITY_PRESSURE_8       Image: Control and the second s	130         IP76         VELOCITY_PRESSURE_7         138         IP
116         IP91         SETPOINT_SIGNAL_9         116         OP91         RAD_VALVE_IF_ANY_9           116         IP95         TEMP_9         116         OP96         MOTOR_CONTROL_9           116         IP96         VELOCITY_PRESSURE_9         Image: Control of the second s	130         IP86         VELOCITY_PRESSURE_8         138         IP
117         IP41         SETPOINT_SIGNAL         117         OP41         RAD_VALVE_4           117         IP45         TEMP_4         117         OP46         MOTOR_CONTROL_4	130       IP96       VELOCITY_PRESSURE_9       138       IP96       VELOCITY_PRESSURE_9         131       IP31       SETPOINT_SIGNAL_3       131       OP31       RAD_VALVE_IF_ANY_3         131       IP35       TEMP_3       131       OP36       MOTOR_CONTROL_3
117         IP46         VELOCITY_PRESSURE_4           118         IP21         SETPOINT_SIGNAL         118         OP21         RAD_VALVE2	131       IP35       TEMP_3       131       OP36       MOTOR_CONTROL_3         131       IP36       VELOCITY_PRESSURE_3       139       IP35       TEMP_3       139       OP36       MOTOR_CONTROL         131       IP41       SETPOINT_SIGNAL_4       131       OP41       RAD_VALVE_IF_ANY_4       139       IP45       TEMP_4       139       OP46       MOTOR_CONTROL         131       IP45       TEMP_4       131       OP46       MOTOR_CONTROL_4       139       IP45       TEMP_4       139       OP46       MOTOR_CONTROL
118         IP25         TEMP_2         118         OP26         MOTOR_CONTROL_2           118         IP26         VELOCITY_PRESSURE_2	131       IP46       VELOCITY_PRESSURE_4       131       IP51       SETPOINT_SIGNAL_5       131       OP51       RAD_VALVE_IF_ANY_3         131       IP55       TEMP_5       131       OP56       MOTOR_CONTROL_5       139       IP55       TEMP_5       139       OP56       MOTOR_CONTROL_5
118         IP35         TEMP_3         118         OP36         MOTOR_CONTROL_3           118         IP36         VELOCITY_PRESSURE_3	131       IP56       VELOCITY_PRESSURE_5       139       IP61       SETPOINT_SIGNAL_6       139       OP61       RAD_VALVE_IF_AN         131       IP65       TEMP_6       139       OP66       MOTOR_CONTROL_6       139       IP65       TEMP_6       139       OP66       MOTOR_CONTROL
119         IP21         SETPOINT_SIGNAL         119         OP21         RAD_VALVE_CHAPEL           119         IP25         TEMP_2         119         OP26         MOTOR_CONTROL_2           119         IP26         VELOCITY_PRESSURE_2	131       IP66       VELOCITY_PRESSURE_6       139       IP66       VELOCITY_PRESSURE_6         131       IP71       SETPOINT_SIGNAL_7       131       OP71       RAD_VALVE_IF_ANY_7         131       IP75       TEMP_7       131       OP76       MOTOR_CONTROL_7
120         IP21         SETPOINT_SIGNAL         120         OP21         RAD_VALVE_MTG_RM_301           120         IP25         TEMP_2         120         OP26         MOTOR_CONTROL_2	131         IP76         VELOCITY_PRESSURE_7         139         IP76         VELOCITY_PRESSURE_7           131         IP81         SETPOINT_SIGNAL_8         131         OP81         RAD_VALVE_IF_ANY_8         139         IP76         VELOCITY_PRESSURE_7         IP76         VELOC
120         IP26         VELOCITY_PRESSURE_2           121         IP51         SETPOINT_SIGNAL_5         121         OP51         VAV5_RAD_VALVE           121         IP55         TEUP_5         101         OP52         VAV5_RAD_VALVE	131       IP86       VELOCITY_PRESSURE_8       139       IP86       VELOCITY_PRESSURE_8         131       IP91       SETPOINT_SIGNAL_9       131       OP91       RAD_VALVE_IF_ANY_9         131       IP95       TEMP_9       131       OP96       MOTOR_CONTROL_9         139       IP95       TEMP_9       139       OP96       MOTOR_CONTROL_9
121         IP55         TEMP_5         121         OP56         MOTOR_CONTROL_5           121         IP56         VELOCITY_PRESSURE_5	131       IP96       VELOCITY_PRESSURE_9       139       IP96       VELOCITY_PRESSURE_9         132       IP31       SETPOINT_SIGNAL_3       132       OP31       RAD_VALVE_IF_ANY_3       140       IP31       SETPOINT_SIGNAL_3       140       OP31       RAD_VALVE_IF_ANY_3
122         IP41         SETPOINT_SIGNAL_4         122         OP41         VAV4_RAD_VALVE           122         IP45         TEMP_4         122         OP46         MOTOR_CONTROL_4           122         IP46         VELOCITY_PRESSURE_4         Image: Control = 10 minipage: Control = 10 mi	132       IP35       TEMP_3       132       OP36       MOTOR_CONTROL_3         132       IP36       VELOCITY_PRESSURE_3       140       OP36       MOTOR_CONTROL_3         132       IP41       SETPOINT_SIGNAL_4       132       OP41       RAD_VALVE_IF_ANY_4       140       IP35       TEMP_3       140       OP36       MOTOR_CONTROL         132       IP41       SETPOINT_SIGNAL_4       132       OP41       RAD_VALVE_IF_ANY_4       140       IP41       SETPOINT_SIGNAL_4       140       OP41       RAD_VALVE_IF_ANY
122         IP71         SETPOINT_SIGNAL_7         122         OP71         RAD_VALVE_7           122         IP75         TEMP_7         122         OP76         MOTOR_CONTROL_7           122         IP76         VELOCITY_PRESSURE_7	132         IP45         TEMP_4         132         OP46         MOTOR_CONTROL_4           132         IP46         VELOCITY_PRESSURE_4         140         OP46         MOTOR_CONTROL_4           132         IP46         VELOCITY_PRESSURE_4         140         IP46         VELOCITY_PRESSURE_4         140         OP46         MOTOR_CONTROL_4           132         IP51         SETPOINT_SIGNAL_5         132         OP51         RAD_VALVE_IF_ANY_3         140         IP51         SETPOINT_SIGNAL_5         140         OP51         RAD_VALVE_IF_ANY_3
122         IP81         SETPOINT_SIGNAL_8         122         OP81         VAV8_RAD_VALVE           122         IP85         TEMP_8         122         OP86         MOTOR_CONTROL_8           122         IP86         VELOCITY_PRESSURE_8         Image: Control = 0         Image: Control = 0	132         IP55         TEMP_5         132         OP56         MOTOR_CONTROL_5           132         IP56         VELOCITY_PRESSURE_5         140         OP56         MOTOR_CONTROL_5           132         IP56         VELOCITY_PRESSURE_5         140         IP56         VELOCITY_PRESSURE_5         140         OP56         MOTOR_CONTROL           132         IP61         SETPOINT_SIGNAL_6         132         OP61         RAD_VALVE_IF_ANY_6         140         IP61         SETPOINT_SIGNAL_6         140         OP61         RAD_VALVE_IF_ANY
124       IP41       SETPOINT_SIGNAL_4       124       OP41       VAV4_RAD_VALVE         124       IP45       TEMP_4       124       OP46       MOTOR_CONTROL_4         124       IP46       VELOCITY_PRESSURE_4       Image: Control and a control and control and a control and a control and cont	132         IP65         TEMP_6         132         OP66         MOTOR_CONTROL_6           132         IP66         VELOCITY_PRESSURE_6         140         OP66         MOTOR_CONTROL_6           132         IP66         VELOCITY_PRESSURE_6         140         IP66         VELOCITY_PRESSURE_6         140         OP66         MOTOR_CONTROL           132         IP71         SETPOINT_SIGNAL_7         132         OP71         RAD_VALVE_IF_ANY_7         140         IP71         SETPOINT_SIGNAL_7         140         OP71         RAD_VALVE_IF_ANY
124         IP46         VELOCIT_PRESSORE_4           125         IP31         SETPOINT_SIGNAL_3         125         OP31         RAD_VALVE_IF_ANY_3           125         IP35         TEMP_3         125         OP36         MOTOR_CONTROL_3	132         IP75         TEMP_7         132         OP76         MOTOR_CONTROL_7           132         IP76         VELOCITY_PRESSURE_7         140         IP75         TEMP_7         140         OP76         MOTOR_CONTROL_7           132         IP76         VELOCITY_PRESSURE_7         140         IP76         VELOCITY_PRESSURE_7         140         OP76         MOTOR_CONTROL           132         IP81         SETPOINT_SIGNAL_8         132         OP81         RAD_VALVE_IF_ANY_8         140         IP81         SETPOINT_SIGNAL_8         140         OP81         RAD_VALVE_IF_ANY
125         IP35         IEMP_3         125         OP36         MOTOR_CONTROL_3           125         IP36         VELOCITY_PRESSURE_3	132         IP85         TEMP_8         132         OP86         MOTOR_CONTROL_8           132         IP86         VELOCITY_PRESSURE_8         140         OP86         MOTOR_CONTROL_8           132         IP91         SETPOINT_SIGNAL_9         132         OP91         RAD_VALVE_IF_ANY_9         140         IP85         TEMPERATURE_8         140         OP86         MOTOR_CONTROL
125     IP46     VELOCITY_PRESSURE_4       125     IP51     SETPOINT_SIGNAL_5     125     OP51     SUPER_OFFICE_183_RAD_VALVE	132       IP95       TEMP_9       132       OP96       MOTOR_CONTROL_9         132       IP96       VELOCITY_PRESSURE_9       140       IP95       TEMP_9       140       OP96       MOTOR_CONTROL_9         132       IP96       VELOCITY_PRESSURE_9       140       IP96       VELOCITY_PRESSURE_9       140       IP96       VELOCITY_PRESSURE_9       141       OP31       DAD       VALVE       IE       ANX       141       IP31       SETROINT
125         IP55         TEMP_5         125         OP56         MOTOR_CONTROL_5           125         IP56         VELOCITY_PRESSURE_5	133       IP31       SETPOINT_SIGNAL_3       133       OP31       RAD_VALVE_IF_ANY_3         133       IP35       TEMP_3       133       OP36       MOTOR_CONTROL_3         133       IP36       VELOCITY_PRESSURE_3       141       IP36       VELOCITY_PRESSURE_3         133       IP41       SETPOINT_SIGNAL_4       133       OP41       PAD_VALVE_IF_ANY_4
125         IP65         TEMP_6         125         OP66         MOTOR_CONTROL_6           125         IP66         VELOCITY_PRESSURE_6	133       IP41       SETPOINT_SIGNAL_4       133       OP41       RAD_VALVE_IF_ANY_4         133       IP45       TEMP_4       133       OP46       MOTOR_CONTROL_4         133       IP46       VELOCITY_PRESSURE_4       141       OP46       MOTOR_CONTROL_4         133       IP46       VELOCITY_PRESSURE_4       141       OP41       RAD_VALVE_IF_ANY         133       IP46       VELOCITY_PRESSURE_4       141       IP45       TEMP_4       141       OP46       MOTOR_CONTROL         133       IP46       VELOCITY_PRESSURE_4       141       IP46       VELOCITY_PRESSURE_4       141       IP46       VELOCITY_PRESSURE_4       141       IP41       SETPOINT_SIGNAL_5       141       OP51       PAD_VALVE_IF_ANY
125         IP75         TEMP_7         125         OP76         MOTOR_CONTROL_7           125         IP76         VELOCITY_PRESSURE_7	133       IP51       SETPOINT_SIGNAL_5       133       OP51       RAD_VALVE_IF_ANY_3         133       IP55       TEMP_5       133       OP56       MOTOR_CONTROL_5         133       IP56       VELOCITY_PRESSURE_5       Image: Control of the second se
I25         IP85         TEMP_8         I25         OP86         MOTOR_CONTROL_8           125         IP86         VELOCITY_PRESSURE_8         IP91         SETPOINT_SIGNAL_9         125         OP91         RAD_VALVE_IF_ANY_9	133         IP65         TEMP_6         133         OP66         MOTOR_CONTROL_6         141         IP65         TEMP_6         141         OP66         MOTOR_CONTROL_6           133         IP66         VELOCITY_PRESSURE_6         Image: state
125         IP91         SETPOINT_SIGNAL_9         125         OP91         RAD_VALVE_IF_ANY_9           125         IP95         TEMP_9         125         OP96         MOTOR_CONTROL_9           125         IP96         VELOCITY_PRESSURE_9	133       IP71       SETPOINT_SIGNAL_7       133       OP71       RAD_VALVE_IF_ANY_7         133       IP75       TEMP_7       133       OP76       MOTOR_CONTROL_7         133       IP76       VELOCITY_PRESSURE_7       141       IP75       TEMP_7       141       OP76       MOTOR_CONTROL_7         133       IP76       VELOCITY_PRESSURE_7       141       IP76       VELOCITY_PRESSURE_7       141       IP76       VELOCITY_PRESSURE_7         133       IP81       SETPOINT_SIGNAL_8       133       OP81       RAD_VALVE_IF_ANY_8       141       IP76       VELOCITY_PRESSURE_7
126     IP31     SETPOINT_SIGNAL_3     126     OP31     RAD_VALVE_DEP_DIR_OFFI       126     IP35     TEMP_3     126     OP36     MOTOR_CONTROL_3	133       IP81       SETPOINT_SIGNAL_8       133       OP81       RAD_VALVE_IF_ANY_8         133       IP85       TEMPERATURE_8       133       OP86       MOTOR_CONTROL_8         133       IP86       VELOCITY_PRESSURE_8       141       IP86       VELOCITY_PRESSURE_8         133       IP91       SETPOINT_SIGNAL_9       133       OP91       RAD_VALVE_IF_ANY_9
126IP36VELOCITY_PRESSURE_3126IP41SETPOINT_SIGNAL_4126OP41RAD_VALVE_IF_ANY_4126IP45TEMP_4126OP46MOTOR_CONTROL_4	133         IP91         SETPOINT_SIGNAL_9         133         OP91         RAD_VALVE_IF_ANY_9           133         IP95         TEMP_9         133         OP96         MOTOR_CONTROL_9           133         IP96         VELOCITY_PRESSURE_9         133         OP96         MOTOR_CONTROL_9           141         IP95         TEMP_9         141         OP96         MOTOR_CONTROL_9           141         IP96         VELOCITY_PRESSURE_9         141         OP96         MOTOR_CONTROL
126         IP46         VELOCITY_PRESSURE_4           126         IP51         SETPOINT_SIGNAL_5         126         OP51         RAD_VALVE_IF_ANY_5           126         IP55         TEMP_5         126         OP56         MOTOR_CONTROL_5	134         IP31         SETPOINT_SIGNAL_3         134         OP31         RAD_VALVE_IF_ANY_3           134         IP35         TEMP_3         134         OP36         MOTOR_CONTROL_3           134         IP36         VELOCITY_PRESSURE_3         Image: Control in the second s
126         IP56         VELOCITY_PRESSURE_5           126         IP61         SETPOINT_SIGNAL_6         126         OP61         RAD_VALVE_IF_ANY_6           126         IP65         TEMP_6         126         OP66         MOTOR_CONTROL_6	134       IP36       VELOCITY_PRESSURE_3         134       IP41       SETPOINT_SIGNAL_4       134       OP41       RAD_VALVE_IF_ANY_4         134       IP45       TEMP_4       134       OP46       MOTOR_CONTROL_4         134       IP46       VELOCITY_PRESSURE_4       Image: Control_4
126         IP66         VELOCITY_PRESSURE_6           126         IP71         SETPOINT_SIGNAL_7         126         OP71         RAD_VALVE_IF_ANY_7           126         IP75         TEMP_7         126         OP76         MOTOR_CONTROL_7	134       IP46       VELOCITY_PRESSURE_4         134       IP51       SETPOINT_SIGNAL_5       134       OP51       RAD_VALVE_IF_ANY_5         134       IP55       TEMP_5       134       OP56       MOTOR_CONTROL_5         134       IP56       VELOCITY_PRESSURE_5       Image: Control_5
126IP76VELOCITY_PRESSURE_7126IP81SETPOINT_SIGNAL_8126OP81RAD_VALVE_ROOM_154126IP85TEMPERATURE_8126OP86MOTOR_CONTROL_8	134       IP56       VELOCITY_PRESSURE_5         134       IP61       SETPOINT_SIGNAL_6       134       OP61       RAD_VALVE_IF_ANY_6         134       IP65       TEMP_6       134       OP66       MOTOR_CONTROL_6         134       IP66       VELOCITY_PRESSURE_6       Image: Control_6
126         IP86         VELOCITY_PRESSURE_8           126         IP91         SETPOINT_SIGNAL_9         126         OP91         RAD_VALVE_IF_ANY_9           126         IP95         TEMP_9         126         OP96         MOTOR_CONTROL_9	134       IP66       VELOCITY_PRESSURE_6         134       IP71       SETPOINT_SIGNAL_7       134       OP71       RAD_VALVE_IF_ANY_7         134       IP75       TEMP_7       134       OP76       MOTOR_CONTROL_7         134       IP76       VELOCITY_PRESSURE_7       Image: Control_7
126 IP96 VELOCITY_PRESSURE_9	134       IP81       SETPOINT_SIGNAL_8       134       OP81       RAD_VALVE_IF_ANY_8         134       IP85       TEMPERATURE_8       134       OP86       MOTOR_CONTROL_8         134       IP86       VELOCITY_PRESSURE_8       Image: Control_8

IP86 VELOCITY_PRESSURE						
		120   IP31	SETPOINT_SIGNAL_2	1120	0P36	MOTOR_CONTROL_3
		120 IP31 120 IP35	TEMP_3	120		MOTOR_CONTROL_3
SUPPLY AIR FROM AHU LOW HIGH CONTROLLER	D.A.T.	120 IP36 120 IP41	VELOCITY_PRESSURE_3 SETPOINT_SIGNAL	120	0P46	MOTOR_CONTROL_4
	DISCHARGÉ	120 IP45	TEMP_4	120		
111 OP86 MOTOR_CONTROL	AIR TEMPERATURE	120 IP46 120 IP51	VELOCITY_PRESSURE_4 SETPOINT_SIGNAL	120	0P56	MOTOR_CONTROL_5
THE VAV ACTUATOR AND THE VELOCITY SENSOR ARE		120 IP55	TEMP_5	120		MOTOR_CONTROL_5
IP31         SETPOINT_SIGNAL_3         VELOCITY SENSOR ARE           IP35         TEMP_RM         INTEGRAL TO THE VAV           CONTROLLER.         CONTROLLER.		120 IP56 120 IP61	VELOCITY_PRESSURE_5 SETPOINT_SIGNAL	120	OP66	MOTOR_CONTROL_6
		120 IP65	TEMP_6	120		
111   IP41   SETPOINT_SIGNAL_4   111   OP46   MOTOR_CONTROL_4	7	120 IP66 120 IP71	VELOCITY_PRESSURE_6 SETPOINT_SIGNAL	120	0P76	MOTOR_CONTROL_7
111 IP45 TEMP_MEETING_RM_4		120 IP75	TEMP_7			
111         IP46         VELOCITY_PRESSURE_4           111         IP51         SETPOINT_SIGNAL_5         111         OP56         MOTOR_CONTROL_5	-	120   IP76	VELOCITY_PRESSURE_7			
111 IP55 TEMP_MEETING_RM_5		121 IP31	SETPOINT_SIGNAL_3	121	OP36	MOTOR_CONTROL_3
111         IP56         VELOCITY_PRESSURE_5           111         IP61         SETPOINT_SIGNAL_6         111         OP66         MOTOR_CONTROL_6		121 IP35 121 IP36	TEMP_3 VELOCITY_PRESSURE_3			
111 IP65 TEMP_MEETING_RM_6		121 IP41	SETPOINT_SIGNAL_4	121	OP46	MOTOR_CONTROL_4
111         IP66         VELOCITY_PRESSURE_6           111         IP71         SETPOINT_SIGNAL_7         111         OP76         MOTOR_CONTROL_7		121 IP45 121 IP46	TEMP_4 VELOCITY_PRESSURE_4		$\left  \right $	
111 IP75 TEMP_MEETING_RM_7		121 IP61	SETPOINT_SIGNAL_6	121	OP66	MOTOR_CONTROL_6
111 IP76 VELOCITY_PRESSURE_7	-	121 IP65 121 IP66	TEMP_6 VELOCITY_PRESSURE_6		$\left  \right $	
112         IP31         SETPOINT_SIGNAL         112         OP36         MOTOR_CONTROL_3           112         IP35         TEMP_3         Image: Control in the second	-	121 IP71 121 IP75	SETPOINT_SIGNAL_7 TEMP_7	121	0P76	MOTOR_CONTROL_7
112 IP36 VELOCITY_PRESSURE_3		121 IP76	VELOCITY_PRESSURE_7			
112         IP41         SETPOINT_SIGNAL         112         OP46         MOTOR_CONTROL_4           112         IP45         TEMP_4         Image: Control in the second	-	121 IP81 121 IP85	SETPOINT_SIGNAL_8 TEMP_8	121	OP86	MOTOR_CONTROL_8
112 IP46 VELOCITY_PRESSURE_4	1	121 IP86	VELOCITY_PRESSURE_8			
112         IP51         SETPOINT_SIGNAL         112         OP56         MOTOR_CONTROL_5           112         IP55         TEMP_5         Image: Control in the second	-	122   IP31	SETPOINT_SIGNAL_3	122	OP36	MOTOR_CONTROL_3
112 IP56 VELOCITY_PRESSURE_5		122 IP35	TEMP_3			
112         IP61         SETPOINT_SIGNAL         112         OP66         MOTOR_CONTROL_6           112         IP65         TEMP_6         Image: Control = 0         Image: Control = 0 <th>-</th> <th>122 IP36 122 IP51</th> <th>VELOCITY_PRESSURE_3 SETPOINT_SIGNAL_5</th> <th>122</th> <th>0P56</th> <th>MOTOR_CONTROL_5</th>	-	122 IP36 122 IP51	VELOCITY_PRESSURE_3 SETPOINT_SIGNAL_5	122	0P56	MOTOR_CONTROL_5
112 IP66 VELOCITY_PRESSURE_6		122 IP55	TEMP_5			
112         IP71         SETPOINT_SIGNAL         112         OP76         MOTOR_CONTROL_7           112         IP75         TEMP_7         IIII         IP75         TEMP_7	-	122 IP56 122 IP61	VELOCITY_PRESSURE_5 SETPOINT_SIGNAL_6	122	0P66	MOTOR_CONTROL_6
112 IP76 VELOCITY_PRESSURE_7		122 IP65	TEMP_6			
113   IP31   SETPOINT_SIGNAL   113   OP36   MOTOR_CONTROL_3	-	122   IP66	VELOCITY_PRESSURE_6	<u> </u>		
113 IP35 TEMP_3		123 IP31 123 IP35	SETPOINT_SIGNAL_3	123	0P36	MOTOR_CONTROL_3
113         IP36         VELOCITY_PRESSURE_3           113         IP41         SETPOINT_SIGNAL         113         OP46         MOTOR_CONTROL_4	-	123 IP35 123 IP36	TEMP_3 VELOCITY_PRESSURE_3			
113 IP45 TEMP_4		123 IP41 123 IP45	SETPOINT_SIGNAL_4 TEMP_4	123	OP46	MOTOR_CONTROL_4
113         IP46         VELOCITY_PRESSURE_4           113         IP51         SETPOINT_SIGNAL         113         OP56         MOTOR_CONTROL_5	-	123 IP45 123 IP46	VELOCITY_PRESSURE_4		$\left  \right $	
113         IP55         TEMP_5           113         IP56         VELOCITY_PRESSURE_5	$\neg$	123 IP51 123 IP55	SETPOINT_SIGNAL_5 TEMP_5	123	OP56	MOTOR_CONTROL_5
		123 IP56	VELOCITY_PRESSURE_5			
117         IP31         SETPOINT_SIGNAL         117         OP36         MOTOR_CONTROL_3           117         IP35         TEMP_3         Image: Control in the second		123 IP61 123 IP65	SETPOINT_SIGNAL_6 TEMP_6	123	OP66	MOTOR_CONTROL_6
117 IP36 VELOCITY_PRESSURE_3		123 IP66	VELOCITY_PRESSURE_6			
117         IP51         SETPOINT_SIGNAL         117         OP56         MOTOR_CONTROL_5           117         IP55         TEMP_5         Image: Control in the second	-	123 IP71 123 IP75	SETPOINT_SIGNAL_7 TEMP_7	123	0P76	MOTOR_CONTROL_7
117 IP56 VELOCITY_PRESSURE_5		123 IP76	VELOCITY_PRESSURE_7	1.07		
117         IP61         SETPOINT_SIGNAL         117         OP66         MOTOR_CONTROL_6           117         IP65         TEMP_6         Image: Control in the second		123 IP81 123 IP85	SETPOINT_SIGNAL_8 TEMP_8	123	OP86	MOTOR_CONTROL_8
117 IP66 VELOCITY_PRESSURE_6	]	123 IP86	VELOCITY_PRESSURE_8 SETPOINT_SIGNAL_9	107		MOTOR_CONTROL_9
117         IP71         SETPOINT_SIGNAL         117         OP76         MOTOR_CONTROL_7           117         IP75         TEMP_7         Image: Control in the second	-	123 IP91 123 IP95	TEMP_9	123	OP96	MUTUR_CUNTROL_9
117 IP76 VELOCITY_PRESSURE_7		123 IP96	VELOCITY_PRESSURE_9			
118   IP41   SETPOINT_SIGNAL   118   OP46   MOTOR_CONTROL_4		124 IP31	SETPOINT_SIGNAL_3	124	OP36	MOTOR_CONTROL_3
118         IP45         TEMP_4           118         IP46         VELOCITY_PRESSURE_4	-	124 IP35 124 IP36	TEMP_3 VELOCITY_PRESSURE_3	-		
118 IP51 SETPOINT_SIGNAL 118 OP56 MOTOR_CONTROL_5	1	124 IP51	SETPOINT_SIGNAL_5	124	OP56	MOTOR_CONTROL_5
118         IP55         TEMP_5           118         IP56         VELOCITY_PRESSURE_5	-	124 IP55 124 IP56	TEMP_5 VELOCITY_PRESSURE_5	+	+	
118 IP61 SETPOINT_SIGNAL 118 OP66 MOTOR_CONTROL_6	1	124 IP61	SETPOINT_SIGNAL_6	124	OP66	MOTOR_CONTROL_6
118         IP65         TEMP_6           118         IP66         VELOCITY_PRESSURE_6	-	124 IP65 124 IP66	TEMP_6 VELOCITY_PRESSURE_6		$\left  \right $	
118 IP71 SETPOINT_SIGNAL 118 OP76 MOTOR_CONTROL_7	1	124 IP71	SETPOINT_SIGNAL_7	124	0P76	MOTOR_CONTROL_7
118         IP75         TEMP_7           118         IP76         VELOCITY_PRESSURE_7	-	124 IP75 124 IP76	TEMP_7 VELOCITY_PRESSURE_7		+	
	1	124 IP81	SETPOINT_SIGNAL_8	124	OP86	MOTOR_CONTROL_8
119         IP31         SETPOINT_SIGNAL         119         OP36         MOTOR_CONTROL_3           119         IP35         TEMP_3         Image: Control in the second		124 IP85 124 IP86	TEMP_8 VELOCITY_PRESSURE_8	+		
119 IP36 VELOCITY_PRESSURE_3	]	124 IP91 124 IP95	SETPOINT_SIGNAL_9 TEMP_9	124	OP96	MOTOR_CONTROL_9
119 IP45 TEMP_4	-	124 IP95 124 IP96	VELOCITY_PRESSURE_9			
119 IP46 VELOCITY_PRESSURE_4	-				!	
119 IP55 TEMP_5	_					
119         IP56         VELOCITY_PRESSURE_5           119         IP61         SETPOINT_SIGNAL         119         OP66         MOTOR_CONTROL_6	-					
119 IP65 TEMP_6	_					
119         IP66         VELOCITY_PRESSURE_6           119         IP71         SETPOINT_SIGNAL         119         OP76         MOTOR_CONTROL_7	-					
119 IP75 TEMP_7	1					
119 IP76 VELOCITY_PRESSURE_7		-	<b>.</b>	-	•	
VAV BOX CON	TRO		SCHEN	Λ	Δ٦	

111	IP31	SETPOINT_SIGNAL_3	111	0P31	REHEAT_VALVE_MEETING_ RM_3	-] [[
111	IP35	TEMP_MEETING_RM_3	111	0P36	MOTOR_CONTROL_3	
111	IP36	VELOCITY_PRESSURE_3				
111	IP82	TEMPERATURE_8	111	OP81	REHEAT_VALVE_8	SUPPLY
111	IP86	VELOCITY_PRESSURE	111	0P86	MOTOR_CONTROL_8	FROM A
112	IP82	TEMPERATURE_8		OP81	REHEAT_VALVE_8	]
112	IP86	VELOCITY_PRESSURE	112	0P86	MOTOR_CONTROL_8	111 OP36
113	IP82	TEMPERATURE_8	113	OP81	REHEAT_VALVE_8	
113	IP86	VELOCITY_PRESSURE	113	0P86	MOTOR_CONTROL_8	
118	IP82	TEMPERATURE_8	118	OP81	REHEAT_VALVE_8	
118	IP86	VELOCITY_PRESSURE	118	0P86	MOTOR_CONTROL_8	
					Ū	IP31 SETPO IP35 T

SUPPLY A	RAD_VALVE_8_NOT_USED	7   OP81	117	TEMPERATURE_8	IP85	117
FROM AHU	MOTOR_CONTROL_8	7 OP86	117	VELOCITY_PRESSURE_8	IP86	117
111  OP86	RAD_VALVE_9_NOT_USED	7 OP91	117	TEMPERATURE_9	IP95	117
	MOTOR_CONTROL_9	7 OP96	117	VELOCITY_PRESSURE_9	IP96	117
	RAD_VALVE_8	) OP81	119	TEMPERATURE_8	IP82	119
	MOTOR_CONTROL_8	) OP86	119	VELOCITY_PRESSURE	IP86	119
	RAD_VALVE_8	0 OP81	120	TEMPERATURE_8	IP82	120
	MOTOR_CONTROL_8	0P86	120	VELOCITY_PRESSURE	IP86	120



98101-DMP-POS VAV398101-DMP@END BI

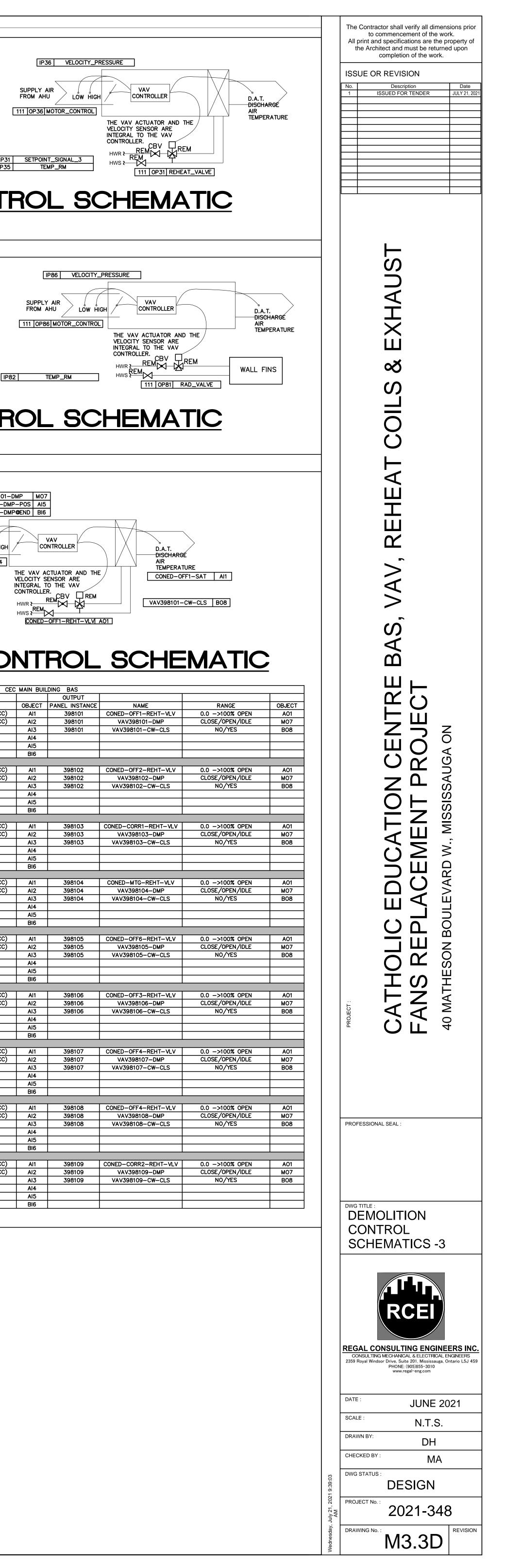
SUPPLY AIR FROM AHU LOW HIGH CONTROLLER \_\_\_\_\_ VAV398101-VP AI4

 CONED\_OFF1\_RMT
 AI2

 CONED-OFF1-ADJ
 AI3



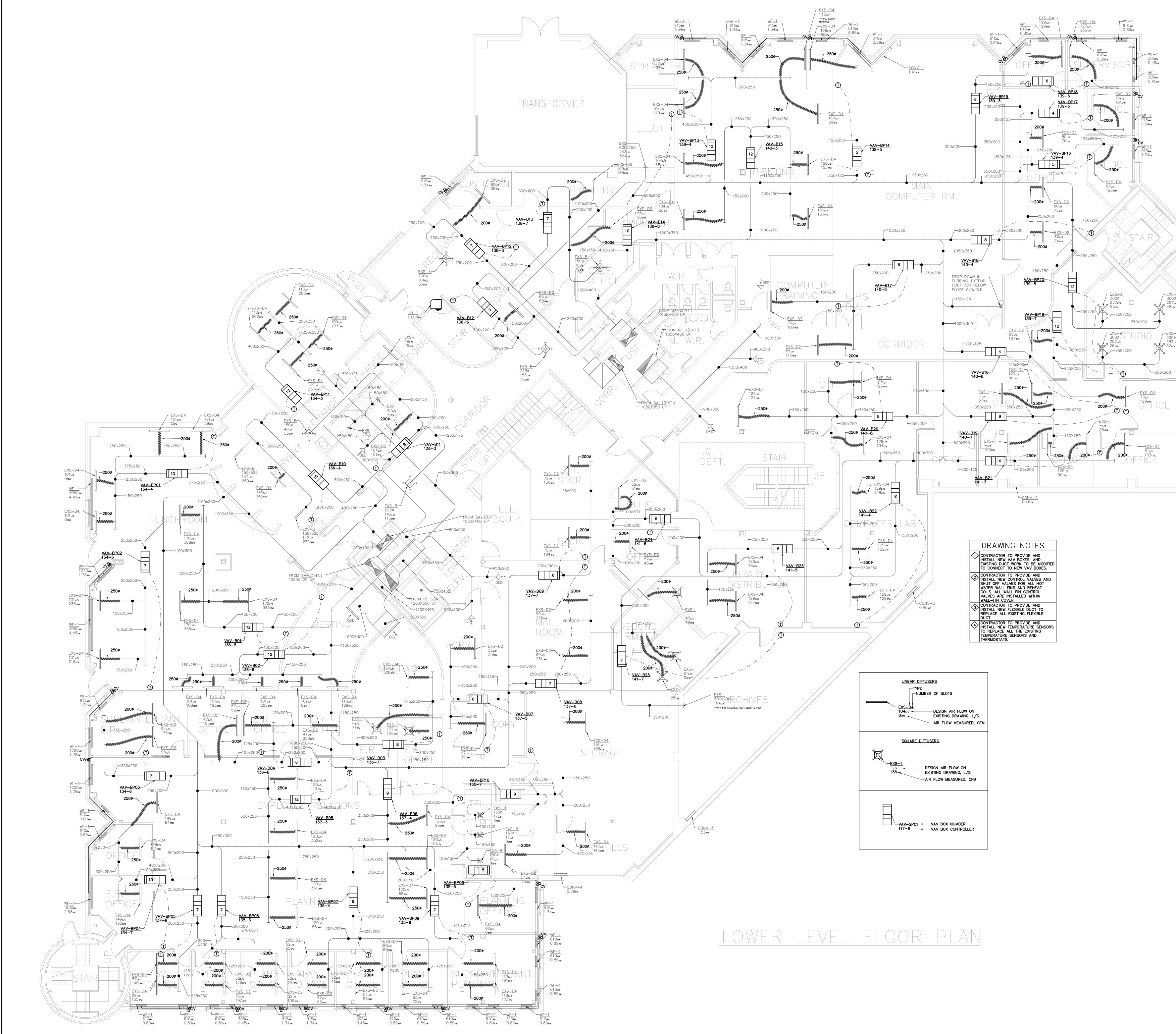
INPUTS				LDING BAS
PANEL INSTANCE	NAME	RANGE	OBJECT	PANEL INSTAI
398101	CONED-OFF1-SAT	10K -40 ->120°C (RCC)	Al1	398101
398101	CONED OFF1 RMT	10K -40 ->120°C (RCC)	Al2	398101
398101	CONED-OFF1-ADJ		AIZ AI3	398101
			AI3 AI4	390101
398101	VAV398101-VP	0.00 ->1.00"WC		
398101	VAV398101-DMP-POS	0 ->100% (0-10V)	AI5	
398101	VAV398101-DMP@END	NO/YES	BI6	
398102	CONED-OFF2-SAT	10K -40 ->120°C (RCC)	Al1	398102
398102	CONED-OFF2-RMT	10K -40 ->120°C (RCC)	AI2	398102
398102	CONED-OFF2-ADJ		AIZ AI3	398102
				398102
398102	VAV398102-VP	0.00 ->1.00"WC	AI4	
398102	VAV398102-DMP-POS	0 ->100% (0-10V)	AI5	
398102	VAV398102-DMP@END	NO/YES	BI6	
309103	CONED-CORR1-SAT	10K - 40 ->120°C (BCC)	A11	308103
398103		10K -40 ->120°C (RCC)	All	398103
398103	CONED CORR1 RMT	10K -40 ->120°C (RCC)	AI2	398103
398103	CONED-CORR1-ADJ	TABLE1	AI3	398103
398103	VAV398103-VP	0.00 ->1.00"WC	Al4	
398103	VAV398103-DMP-POS	0 ->100% (0-10V)	AI5	
398103	VAV398103-DMP@END	NO/YES	BI6	
			<u>.</u>	•
398104	CONED-MTG-SAT	10K -40 ->120°C (RCC)	Al1	398104
398104	CONED MTG RMT	10K -40 ->120°C (RCC)	AI2	398104
398104	CONED-MTG-ADJ	TABLE1	AI3	398104
398104	VAV398104-VP	0.00 ->1.00"WC	AI4	
398104	VAV398104-DMP-POS	0 ->100% (0-10V)	AI5	
398104	VAV398104-DMP@END	NO/YES	BI6	
398105	CONED-OFF6-SAT	10K -40 ->120°C (RCC)	Al1	398105
398105	CONED OFF6 RMT	10K -40 ->120°C (RCC)	AI2	398105
398105	CONED-OFF6-ADJ	TABLE1	AI3	398105
398105	VAV398105-VP	0.00 ->1.00"WC	AI4	030100
		0.00 ->1.00 wc	-	
398105	VAV398105-DMP-POS	N0/YES	AI5	
398105	VAV398105-DMP@END	NOTIES	BI6	1
398106	CONED-OFF3-SAT	10K -40 ->120°C (RCC)	Al1	398106
398106		10K -40 ->120°C (RCC)		
	CONED OFF3 RMT		AI2	398106
398106	CONED-OFF3-ADJ	TABLE1	AI3	398106
398106	VAV398106-VP	0.00 ->1.00"WC	Al4	
398106	VAV398106-DMP-POS	0 ->100% (0-10V)	AI5	
398106	VAV398106-DMP@END	NO/YES	BI6	
			-	1
398107	CONED-OFF4-SAT	10K -40 ->120°C (RCC)	Al1	398107
398107	CONED OFF4 RMT	10K -40 ->120°C (RCC)	Al2	398107
398107	CONED-OFF4-ADJ	TABLE1	AI3	398107
398107	VAV398107-VP	0.00 ->1.00"WC	AI4	
398107	VAV398107-DMP-POS	0 ->100% (0-10V)	AI5	
398107	VAV398107-DMP@END	NO/YES	BI6	
		÷		
398108	CONED-OFF5-SAT	10K -40 ->120°C (RCC)	Al1	398108
398108	CONED OFF5 RMT	10K -40 ->120°C (RCC)	AI2	398108
398108	CONED-OFF5-ADJ	TABLE1	AI3	398108
398108	VAV398108-VP	0.00 ->1.00"WC	Al4	
398108	VAV398108-DMP-POS	0 ->100% (0-10V)	AI5	
398108	VAV398108-DMP@END	NO/YES	BI6	1
				1
398109	CONED-CORR2-SAT	10K -40 ->120°C (RCC)	Al1	398109
398109	CONED CORR2 - SAT	10K -40 ->120°C (RCC)	All2	398109
398109	CONED-CORR2-ADJ		AI3	398109
398109	VAV398109-VP	0.00 ->1.00"WC	AI4	<b> </b>
398109	VAV398109-DMP-POS	0 ->100% (0-10V) N0/YES	AI5	<b> </b>
398109	VAV398109-DMP@END		BI6	

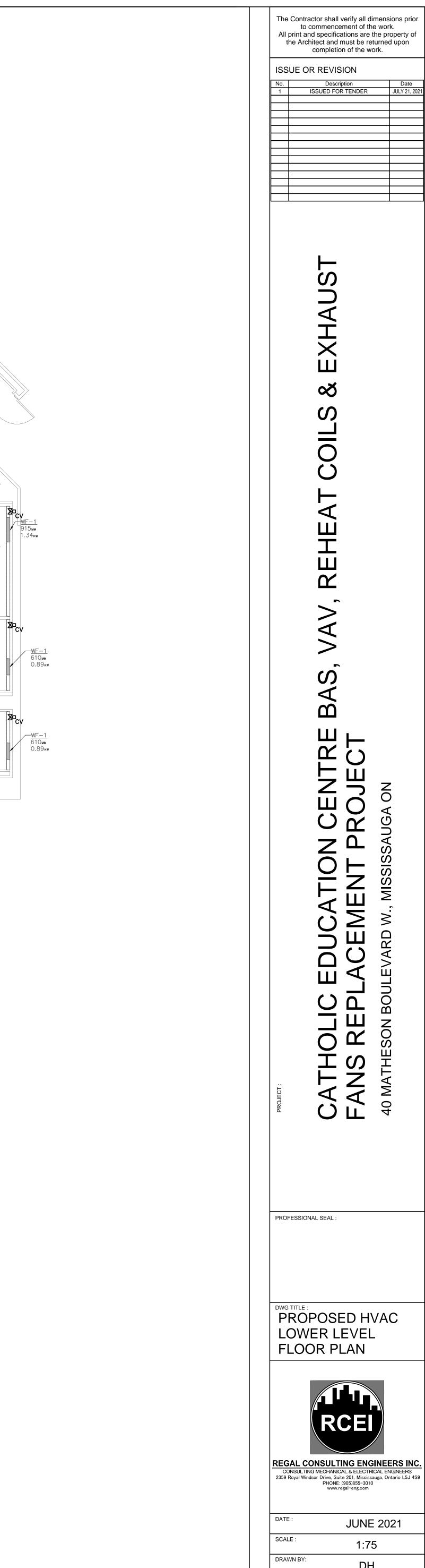


		EXISTING BAS NETWORK DETAILS DEL	SYSTEM NETWORK TA PANEL AND CH		ATION		115	IP31 IP35	SETPOINT_SIGNAL_3 TEMP_3	115 115	OP31 OP36	RAD_VALVE_IF_ANY_3 MOTOR_CONTROL_3		IP31 IP35	SETPOINT_SIGNAL_3 TEMP_3	125 125	OP31 OP36	RAD_VALVE_IF_ANY_3 MOTOR_CONTROL_3	134 IP35
DEVICE 390000	CONTROLLER NAME CEC CHILLER CONTROL	MODEL DSC-1616E	NET 20002	TWORK	REMARK S DELTA	UDP/IP TO ENTELIWEB	115 115 115	IP36 IP41 IP45	VELOCITY_PRESSURE_3 SETPOINT_SIGNAL_4 TEMP_4	115 115 115	OP41 OP46 OP51	RAD_VALVE_IF_ANY_4 MOTOR_CONTROL_4 RAD_VALVE_IF_ANY_5	125 125 125	IP36 IP41 IP45	VELOCITY_PRESSURE_3 SETPOINT_SIGNAL_4 TEMP_4	125 125 125	0P41 0P46 0P51	RAD_VALVE_IF_ANY_4 MOTOR_CONTROL_4 SUPER_OFFICE_183_RAD_	134 IP36 134 IP41 134 IP45
10	TRANE CHILLER		2039		TRANE	MSTP	115 115 115	IP46 IP51 IP55	VELOCITY_PRESSURE_4 SETPOINT_SIGNAL_5 TEMP_5	115 115 115	OP56 OP61 OP66	MOTOR_CONTROL_5 RAD_VALVE_IF_ANY_6 MOTOR_CONTROL_6	125 125 125	IP46 IP51 IP55	VELOCITY_PRESSURE_4 SETPOINT_SIGNAL_5 TEMP_5	125 125 125	OP56 OP61 OP66	VALVE MOTOR_CONTROL_5 RAD_VALVE_IF_ANY_6 MOTOR_CONTROL_6	134         IP46           134         IP51           134         IP55
DEVICE	CONTROLLER NAME		NET		REMARK		115 115 115	IP56 IP61 IP65	VELOCITY_PRESSURE_5 SETPOINT_SIGNAL_6 TEMP_6	115 115 115	OP71 OP76 OP81	RAD_VALVE_IF_ANY_7 MOTOR_CONTROL_7 RAD_VALVE_IF_ANY_8	125 125	IP56 IP61	VELOCITY_PRESSURE_5 SETPOINT_SIGNAL_6	125 125	0P71 0P76	RAD_VALVE_IF_ANY_7 MOTOR_CONTROL_7	134 IP56 134 IP61 134 IP65
398100 398101	OFFICE 1	MACH-PROSYS- (RCF CONVERTE TO BACN MACH-PROAIR MPA-33-A-F-LEG	IET ) 5039			JDP/IP TO RCWEE	3 115 115 115	IP66 IP71 IP75	VELOCITY_PRESSURE_6 SETPOINT_SIGNAL_7 TEMP_7	115 115 115	OP86 OP91 OP96	MOTOR_CONTROL_8 RAD_VALVE_IF_ANY_9 MOTOR_CONTROL_9	125 125 125	IP65 IP66 IP71	TEMP_6 VELOCITY_PRESSURE_6 SETPOINT_SIGNAL_7	125 125 125	OP81 OP86 OP91	RAD_VALVE_SUPERINTEND ENT_OFFICE_178 MOTOR_CONTROL_8 RAD_VALVE_IF_ANY_9	0 134 IP66 - 134 IP71 - 134 IP75
398102 398103	OFFICE 2 CORRIDOR1	MPA-33-A-F-LEG MACH-PROAIR MPA-33-A-F-LEG MACH-PROAIR	ACY 5039			UPGRADE UPGRADE	115 115 115	IP76 IP81 IP85	VELOCITY_PRESSURE_7 SETPOINT_SIGNAL_8 TEMPERATURE_8					IP75 IP76 IP81	TEMP_7 VELOCITY_PRESSURE_7 SETPOINT_SIGNAL_8	125	OP96	MOTOR_CONTROL_9	- 134 IP76 - 134 IP81 - 134 IP85
398104 398105	MEETING ROOM OFFICE 6	MPA-33-A-F-LEG MACH-PROAIR MPA-33-A-F-LEG MACH-PROAIR	5039 ACY			UPGRADE	115 115 115	IP86 IP91 IP95	VELOCITY_PRESSURE_8 SETPOINT_SIGNAL_9 TEMP_9				125 125 125 125	IP85 IP86 IP91	TEMP_8 VELOCITY_PRESSURE_8 SETPOINT_SIGNAL_9				- 134 IP86 134 IP91 134 IP95
398106	OFFICE 8	MACH-PROAIR MPA-33-A-F-LEG MACH-PROAIR MPA-33-A-F-LEG	ACY 5039 ACY	06 YE	S RELIABLE	UPGRADE	115	IP96 IP31	VELOCITY_PRESSURE_9 SETPOINT_SIGNAL_3	116	OP31	RAD_VALVE_IF_ANY_3		IP95 IP96	TEMP_9 VELOCITY_PRESSURE_9				134 IP96 135 IP31
398107 398108	OFFICE 4 OFFICE 5	MACH-PROAIR MPA-33-A-F-LEG MACH-PROAIR	ACY 5039			UPGRADE UPGRADE	116 116 116	IP35 IP36 IP41	TEMP_3 VELOCITY_PRESSURE_3 SETPOINT_SIGNAL_4	116 116 116	OP36 OP41 OP46	MOTOR_CONTROL_3 RAD_VALVE_IF_ANY_4 MOTOR_CONTROL_4	126	IP31	SETPOINT_SIGNAL_3	126	OP31 OP36	RAD_VALVE_DEP_DIR_OFF CE MOTOR_CONTROL_3	
398109 398110	CORRIDOR2	MPA-33-A-F-LEG MACH-PROAIR MPA-33-A-F-LEG FC-102 ( 3RD PARTY	ACY 5039			UPGRADE	116 116 116	IP45 IP46 IP51	TEMP_4 VELOCITY_PRESSURE_4 SETPOINT_SIGNAL_5	116 116 116	OP51 OP56 OP61	RAD_VALVE_IF_ANY_5 MOTOR_CONTROL_5 RAD_VALVE_IF_ANY_6	126 126	IP36 IP41 IP45	VELOCITY_PRESSURE_3 SETPOINT_SIGNAL_4 TEMP_4	126 126 126 126	OP41 OP46 OP51	RAD_VALVE_IF_ANY_4 MOTOR_CONTROL_4 RAD_VALVE_IF_ANY_5	135 IP45 135 IP46 135 IP51
398120		INTEGRATION) FC-102 ( 3RD PARTY INTEGRATION)				MSTP	<u>116</u> 116 116	IP55 IP56 IP61	TEMP_5 VELOCITY_PRESSURE_5 SETPOINT_SIGNAL_6	116 116 116 116	OP66 OP71 OP76	MOTOR_CONTROL_6 RAD_VALVE_IF_ANY_7 MOTOR_CONTROL_7	126 126	IP46 IP51 IP55	VELOCITY_PRESSURE_4 SETPOINT_SIGNAL_5	126 126	OP56 OP61 OP66	MOTOR_CONTROL_5 RAD_VALVE_IF_ANY_6	135 IP55 135 IP56 135 IP61
398130 398140		FC-102 ( 3RD PARTY INTEGRATION) FC-102 ( 3RD PARTY				MSTP	116 116	IP65 IP66	TEMP_6 VELOCITY_PRESSURE_6 SETPOINT_SIGNAL_7	116 116	OP 76 OP 81 OP 86 OP 91	RAD_VALVE_IF_ANY_8 MOTOR_CONTROL_8	126 126	IP56 IP61	TEMP_5 VELOCITY_PRESSURE_5 SETPOINT_SIGNAL_6	126 126 126	OP71 OP76	MOTOR_CONTROL_6 RAD_VALVE_IF_ANY_7 MOTOR_CONTROL_7	135 IP65 135 IP66
398150		FC-102 ( SRD FARTI INTEGRATION) FC-102 ( SRD PARTY INTEGRATION)				MSTP	116 116 116	IP71 IP75 IP76	TEMP_7 VELOCITY_PRESSURE_7	116 116	OP91 OP96	RAD_VALVE_IF_ANY_9 MOTOR_CONTROL_9	126 126	IP65 IP66 IP71	TEMP_6 VELOCITY_PRESSURE_6 SETPOINT_SIGNAL_7	126 126 126	OP81 OP86 OP91	RAD_VALVE_ROOM_154 MOTOR_CONTROL_8 RAD_VALVE_IF_ANY_9	135 IP75 135 IP76
398160		FC-102 ( 3RD PARTY INTEGRATION)				MSTP	116 116 116	IP81 IP85 IP86	SETPOINT_SIGNAL_8 TEMPERATURE_8 VELOCITY_PRESSURE_8				126 126 126	IP75 IP76 IP81	TEMP_7 VELOCITY_PRESSURE_7 SETPOINT_SIGNAL_8	126	OP96	MOTOR_CONTROL_9	135 IP85 135 IP86
398200 398210		MACH-PROSYS- ( RCF CONVERTE TO BACK FC-102 ( 3RD PARTY	IET)		RELIABLE	UPGRADE MSTP	116 116 116	IP91 IP95 IP96	SETPOINT_SIGNAL_9 TEMP_9 VELOCITY_PRESSURE_9				126 126	IP85 IP86 IP91	TEMPERATURE_8 VELOCITY_PRESSURE_8 SETPOINT_SIGNAL_9				135         IP91           135         IP95           135         IP96
398220		INTEGRATION) FC-102 ( 3RD PARTY INTEGRATION)			A THRID PARTY	MSTP	117 117	IP31 IP35	SETPOINT_SIGNAL TEMP_3	117 117	OP36 OP41	MOTOR_CONTROL_3 RAD_VALVE_4	126	IP95 IP96	TEMP_9 VELOCITY_PRESSURE_9				136 IP31 136 IP35
398230 398240		FC-102 ( 3RD PARTY INTEGRATION) FC-102 ( 3RD PARTY		'	A THRID PARTY	MSTP	117 117 117 117	IP36 IP41 IP45	VELOCITY_PRESSURE_3 SETPOINT_SIGNAL TEMP_4	117 117 117	OP46 OP56 OP66	MOTOR_CONTROL_4 MOTOR_CONTROL_5 MOTOR_CONTROL_6	$\cdot = \cdot$	IP31 IP35 IP36	SETPOINT_SIGNAL_3 TEMP_3 VELOCITY_PRESSURE_3	127 127 127	OP31 OP36 OP41	RAD_VALVE_IF_ANY_3 MOTOR_CONTROL_3 RAD_VALVE_IF_ANY_4	136         IP36           136         IP41           136         IP45
398250	SA6-VFD	INTEGRATION) FC-102 ( 3RD PARTY INTEGRATION)	BACNET 5039	06 N/	A THRID PARTY	MSTP	117 117 117 117	IP46 IP51 IP55	VELOCITY_PRESSURE_4 SETPOINT_SIGNAL TEMP_5	117 117 117	OP76 OP81 OP86	MOTOR_CONTROL_7 RAD_VALVE_8_NOT_USED MOTOR_CONTROL_8		IP41 IP45 IP46	SETPOINT_SIGNAL_4 TEMP_4 VELOCITY_PRESSURE_4	127 127 127	OP46 OP51 OP56	MOTOR_CONTROL_4 RAD_VALVE_IF_ANY_3 MOTOR_CONTROL_5	136         IP46           136         IP51           136         IP55
398260	RA6-VFD	FC-102 ( 3RD PARTY INTEGRATION)	BACNET 5039	96 N/	A THRID PARTY	MSTP	117 117 117	IP56 IP61 IP65	VELOCITY_PRESSURE_5 SETPOINT_SIGNAL TEMP_6	117 117	OP91 OP96	RAD_VALVE_9_NOT_USED MOTOR_CONTROL_9	127 127	IP51 IP55 IP56	SETPOINT_SIGNAL_5 TEMP_5 VELOCITY_PRESSURE_5	127 127 127	OP61 OP66 OP71	RAD_VALVE_IF_ANY_6 MOTOR_CONTROL_6 RAD_VALVE_IF_ANY_7	136         IP56           136         IP61           136         IP65
395000	MACH-PROSY S	NETWORK DETAILS RELIA				JDP/IP TO RCWEE	117	IP66 IP71 IP75	VELOCITY_PRESSURE_6 SETPOINT_SIGNAL TEMP_7				127	IP61 IP65 IP66	SETPOINT_SIGNAL_6 TEMP_6 VELOCITY_PRESSURE_6	127 127 127 127	OP76 OP81 OP86	MOTOR_CONTROL_7 RAD_VALVE_IF_ANY_8 MOTOR_CONTROL_8	136 IP66 136 IP71 136 IP75
395001 395003	MACH-PROWE BSYS CRAC#1	MACH-PROWEBSYS-L			99 RELIABLE 99 THRID PARTY	UDP/IP MSTP	117 117 117	IP76 IP85 IP86	VELOCITY_PRESSURE_7 TEMPERATURE_8 VELOCITY_PRESSURE_8				127	IP71 IP75 IP76	SETPOINT_SIGNAL_7 TEMP_7 VELOCITY_PRESSURE_7	127 127 127	OP91 OP96	RAD_VALVE_IF_ANY_9 MOTOR_CONTROL_9	136 IP76 136 IP81 136 IP85
395004 395005	CRAC#2 CRAC#2	INTEGRATION 4TH PARTY BACN INTEGRATION 5TH PARTY BACN			99 THRID PARTY 99 THRID PARTY	MSTP MSTP	117 117 117	IP86 IP95 IP96	TEMPERATURE_9 VELOCITY_PRESSURE_9				127 127 127 127	IP 76 IP 81 IP 85 IP 86	VELOCITY_PRESSURE_7 SETPOINT_SIGNAL_8 TEMPERATURE_8 VELOCITY_PRESSURE_8				136 IP85 136 IP86 136 IP91 136 IP95
395006	PUMP-1A VFD	INTEGRATION 6TH PARTY BACN INTEGRATION	ET NO	203	91 THRID PARTY	MSTP	118 118 118	IP21 IP25 IP26	SETPOINT_SIGNAL TEMP_2	118 118 118	OP21 OP26 OP31	RAD_VALVE2 MOTOR_CONTROL_2 RAD_VALVE_3	127 127	IP91 IP95	SETPOINT_SIGNAL_9 TEMP_9				136 IP96
395007	PUMP-1B VFD	7TH PARTY BACN INTEGRATION				MSTP	118 118 118 118	IP26 IP31 IP35	VELOCITY_PRESSURE_2 SETPOINT_SIGNAL TEMP_3 VELOCITY_PRESSURE_3	118 118	OP31 OP36 OP46	RAD_VALVE_3 MOTOR_CONTROL_3 MOTOR_CONTROL_4 MOTOR_CONTROL_5	128	IP96 IP31	VELOCITY_PRESSURE_9 SETPOINT_SIGNAL_3	128	OP31	RAD_VALVE_IF_ANY_3	137 IP31 137 IP35 137 IP36 137 IP41
101	INPUTS	OBJECTS NAME	S FOR VAV AND BO PANEL 101 101	OUTPUT OP1	OBEJECTS N BOILER_1_STAF	RT_STOP	118 118 118	IP36 IP41 IP45	VELOCITY_PRESSURE_3 SETPOINT_SIGNAL TEMP_4	118 118 118	OP56 OP66 OP76	MOTOR_CONTROL_5 MOTOR_CONTROL_6 MOTOR_CONTROL_7	128 128	IP35 IP36 IP41	TEMP_3 VELOCITY_PRESSURE_3 SETPOINT_SIGNAL_4	128 128 128	OP36 OP41 OP46	MOTOR_CONTROL_3 RAD_VALVE_IF_ANY_4 MOTOR_CONTROL_4	137 IP41 137 IP45 137 IP46 137 IP51
101 101 101	IP3 BOIL IP4 BOIL	ER_1_FAILURE_ALARM LER_2_FLAME_STATUS ER_2_FAILURE_ALARM	101 101 101 101	OP2 OP3 OP4	BOILER_1_MOD BOILER_2_STAF BOILER_2_MOD	RT_STOP ULATION	118 118 118	IP46 IP51 IP55	VELOCITY_PRESSURE_4 SETPOINT_SIGNAL TEMP_5	118 118	OP81 OP86	REHEAT_VALVE_8 MOTOR_CONTROL_8	128 128	IP45 IP46 IP51	TEMP_4 VELOCITY_PRESSURE_4 SETPOINT_SIGNAL_5	128 128 128	OP51 OP56 OP61	RAD_VALVE_IF_ANY_3 MOTOR_CONTROL_5 RAD_VALVE_ROOM_159	137 IP51 137 IP55 137 IP56
101 101 101	IP5 IP6	PUMP_P10_STATUS	101 101 101	OP5 OP6 OP7	STEAM_BO PRIMARY_CIRC_F SS PRIMARY_CIRC_F	PUMP_14_	118 118 118	IP56 IP61 IP65	VELOCITY_PRESSURE_5 SETPOINT_SIGNAL TEMP_6				128 128	IP55 IP56 IP61	TEMP_5 VELOCITY_PRESSURE_5 SETPOINT_SIGNAL_6	128 128 128	OP66 OP71 OP76	MOTOR_CONTROL_6 RAD_VALVE_IF_ANY_7 MOTOR_CONTROL_7	
101 101 101	IP8	PUMP_P10_STATUS PUMP_P11_STATUS DHW_PUMP_STATUS	101 101 101	OP7 OP9 OP13	PRIMARY_CIRC_F SS DHW_PUN KITCHEN_F	MP	118 118 118	IP66 IP71 IP75	VELOCITY_PRESSURE_6 SETPOINT_SIGNAL TEMP_7				128 128 128	IP65 IP66 IP71	TEMP_6 VELOCITY_PRESSURE_6 SETPOINT_SIGNAL_7	128 128 128	OP81 OP86 OP91	RAD_VALVE_IF_ANY_8 MOTOR_CONTROL_8 RAD_VALVE_IF_ANY_9	137         IP71           137         IP75           137         IP76
101	IP10 EAS	T_WING_RADIATION_PU MP_STATUS T_WING_RADIATION_PU	101	OP14 OP15	VALVE_EAST_WIN TION VALVE_WEST_WIN	NG_RADIA	118 118 118	IP76 IP82 IP86	VELOCITY_PRESSURE_7 TEMPERATURE_8 VELOCITY_PRESSURE				128 128 128	IP75 IP76 IP81	TEMP_7 VELOCITY_PRESSURE_7 SETPOINT_SIGNAL_8	128	OP96	MOTOR_CONTROL_9	137         IP81           137         IP85           137         IP86
101 101	IP12 IP13	MP_STATUS HWST_SIGNAL HWRT_SIGNAL	101	OP16	TION SCAN_INDIC	ATOR	119 119	IP21 IP25	SETPOINT_SIGNAL TEMP_2	119 119	OP21 OP26	RAD_VALVE_CHAPEL MOTOR_CONTROL_2	128 128 128	IP85 IP86 IP91	TEMPERATURE_8 VELOCITY_PRESSURE_8 SETPOINT_SIGNAL_9				137         IP91           137         IP95           137         IP96
		101 GT_WAST_WING_RADIATI ON_SIG	IP14				119 119 119	IP26 IP31 IP35	VELOCITY_PRESSURE_2 SETPOINT_SIGNAL TEMP_3	119 119 119	OP36 OP46 OP56	MOTOR_CONTROL_3 MOTOR_CONTROL_4 MOTOR_CONTROL_5	128	IP95 IP96	TEMP_9 VELOCITY_PRESSURE_9				138 IP31 138 IP35
101		OAT_SIGNAL MARY_PUMP_14_STATU S					119 119 119 119	IP36 IP41 IP45	VELOCITY_PRESSURE_3 SETPOINT_SIGNAL TEMP_4	119 119 119 119	OP66 OP76 OP81	MOTOR_CONTROL_6 MOTOR_CONTROL_7 RAD_VALVE_8		IP31 IP35 IP36	SETPOINT_SIGNAL_3 TEMP_3 VELOCITY_PRESSURE_3	129 129 129	OP31 OP36 OP41	RAD_VALVE_LIBRARY MOTOR_CONTROL_3 RAD_VALVE_IF_ANY_4	138 IP36 138 IP41 138 IP45
101 101		MARY_PUMP_15_STATU S T_EAST_WING_RADIATIO N_SIG					119 119 119 119	IP46 IP51 IP55	VELOCITY_PRESSURE_4 SETPOINT_SIGNAL TEMP_5	119	OP86	MOTOR_CONTROL_8	129	IP41 IP45 IP46	SETPOINT_SIGNAL_4 TEMP_4 VELOCITY_PRESSURE_4	129 129 129 129	OP46 OP51 OP56	MOTOR_CONTROL_4 RAD_VALVE_IF_ANY_5 MOTOR_CONTROL_5	138 IP46 138 IP51 138 IP55
101		IATION_RETURN_WATER TEMP ER_1_DISCHARGE_TEMP					119 119 119 119	IP56 IP61 IP65	VELOCITY_PRESSURE_5 SETPOINT_SIGNAL TEMP_6				129	IP 50 IP 51 IP 55 IP 56	SETPOINT_SIGNAL_5 TEMP_5 VELOCITY_PRESSURE_5	129 129 129 129 129	0P36 0P61 0P66 0P71	RAD_VALVE_IF_ANY_6 MOTOR_CONTROL_6	138 IP56 138 IP61 138 IP65
	IP22 BOIL	_SIG ER_2_DISCHARGE_TEM P_SIG					119 119	IP65 IP66 IP71 IP75	VELOCITY_PRESSURE_6 SETPOINT_SIGNAL TEMP_7				129 129	IP61 IP65	SETPOINT_SIGNAL_6 TEMP_6	129 129	OP76 OP81	RAD_VALVE_IF_ANY_7 MOTOR_CONTROL_7 RAD_VALVE	138 IP66 138 IP71
		T_EAST_WING_RWT_SIG NAL T_WEST_WING_RWT_SIG					119 119 119	IP76 IP82	VELOCITY_PRESSURE_7 TEMPERATURE_8					IP66 IP71 IP75	VELOCITY_PRESSURE_6 SETPOINT_SIGNAL_7 TEMP_7	129 129 129	OP86 OP91 OP96	MOTOR_CONTROL_8 RAD_VALVE_IF_ANY_9 MOTOR_CONTROL_9	138 IP76 138 IP81
111	IP21 S	NAL SETPOINT_SIGNAL_2	111	0P21	RAD_VALVE_ME	ETING_RM	119 120	IP86	VELOCITY_PRESSURE SETPOINT_SIGNAL	120	OP21	RAD_VALVE_MTG_RM_301		IP76 IP81 IP85	VELOCITY_PRESSURE_7 SETPOINT_SIGNAL_8 TEMPERATURE_8				138 IP85 138 IP86 138 IP91
111 111		EMP_MEETING_RM_2 CLOCITY_PRESSURE_2	<u>111</u> 111	0P26 0P31	302 MOTOR_CONT REHEAT_VALVE_ RM_3	MEETING_	120 120 120	IP25 IP26 IP31	TEMP_2 VELOCITY_PRESSURE_2 SETPOINT_SIGNAL_2	120 120 120	OP26 OP36 OP46	MOTOR_CONTROL_2 MOTOR_CONTROL_3 MOTOR_CONTROL_4	129	IP86 IP91 IP95	VELOCITY_PRESSURE_8 SETPOINT_SIGNAL_9 TEMP_9				138 IP95 138 IP96
111 111 111	IP35 TI	SETPOINT_SIGNAL_3 EMP_MEETING_RM_3 ELOCITY_PRESSURE_3	111 111 111	OP36 OP46 OP56	MOTOR_CONT MOTOR_CONT MOTOR_CONT	ROL_3 ROL_4	120 120 120	IP35 IP36 IP41	TEMP_3 VELOCITY_PRESSURE_3 SETPOINT_SIGNAL	120 120 120	OP56 OP66 OP76	MOTOR_CONTROL_5 MOTOR_CONTROL_6 MOTOR_CONTROL_7	130	IP96 IP31	VELOCITY_PRESSURE_9 SETPOINT_SIGNAL_3	130	OP31	RAD_VALVE_IF_ANY_3	139         IP31           139         IP35           139         IP36
111 111	IP41 S IP45 TE	SETPOINT_SIGNAL_4 EMP_MEETING_RM_4	111 111	OP66 OP76	MOTOR_CONT MOTOR_CONT	ROL_6 ROL_7	120 120 120	IP45 IP46 IP51	TEMP_4 VELOCITY_PRESSURE_4 SETPOINT_SIGNAL	120 120	OP81 OP86	RAD_VALVE_8 MOTOR_CONTROL_8		IP35 IP36 IP41	TEMP_3 VELOCITY_PRESSURE_3 SETPOINT_SIGNAL_4	130 130 130	OP36 OP41 OP46	MOTOR_CONTROL_3 RAD_VALVE_ROOM_118 MOTOR_CONTROL_4	139 IP41 139 IP45 139 IP46
111 111	IP51 S IP55 TI	LOCITY_PRESSURE_4 SETPOINT_SIGNAL_5 EMP_MEETING_RM_5	<u>111</u> 111	OP81 OP86	REHEAT_VAL MOTOR_CONT		120 120 120	IP55 IP56 IP61	TEMP_5 VELOCITY_PRESSURE_5 SETPOINT_SIGNAL					IP45 IP46 IP51	TEMP_4 VELOCITY_PRESSURE_4 SETPOINT_SIGNAL_5	130 130 130	OP51 OP56 OP61	RAD_VALVE_IF_ANY_3 MOTOR_CONTROL_5 RAD_VALVE_ROOM_117	139 IP51 139 IP55 139 IP56
111 111 111	IP61 S IP65 TI	LOCITY_PRESSURE_5 SETPOINT_SIGNAL_6 EMP_MEETING_RM_6					120 120 120	IP65 IP66 IP71	TEMP_6 VELOCITY_PRESSURE_6 SETPOINT_SIGNAL				130 130 130	IP55 IP56 IP61	TEMP_5 VELOCITY_PRESSURE_5 SETPOINT_SIGNAL_6	130 130 130	OP66 OP71 OP76	MOTOR_CONTROL_6 RAD_VALVE_ROOM_109 MOTOR_CONTROL_7	139         IP61           139         IP65           139         IP66
	IP71 5 IP75 TI	ELOCITY_PRESSURE_6 SETPOINT_SIGNAL_7 EMP_MEETING_RM_7					120 120 120	IP75 IP76 IP82	TEMP_7 VELOCITY_PRESSURE_7 TEMPERATURE_8					IP65 IP66 IP71	TEMP_6 VELOCITY_PRESSURE_6 SETPOINT_SIGNAL_7	130 130 130	OP81 OP86 OP91	RAD_VALVE_IF_ANY_8 MOTOR_CONTROL_8 RAD_VALVE_IF_ANY_9	139         IP71           139         IP75           139         IP76
111	IP82	LOCITY_PRESSURE_7 TEMPERATURE_8 /ELOCITY_PRESSURE					120	IP86	VELOCITY_PRESSURE	121	OP36	MOTOR_CONTROL_3		IP75 IP76 IP81	TEMP_7 VELOCITY_PRESSURE_7 SETPOINT_SIGNAL_8	130	OP96	MOTOR_CONTROL_9	139 IP81 139 IP85 139 IP85
	IP25	SETPOINT_SIGNAL TEMP_2	, 112 112	0P21 0P26	RAD_VALVE_MTC	ROL_2	121 121 121 121	IP35 IP36 IP41	TEMP_3 VELOCITY_PRESSURE_3 SETPOINT_SIGNAL_4	121 121 121 121	OP46 OP51 OP56	MOTOR_CONTROL_4 VAV5_RAD_VALVE MOTOR_CONTROL_5	130	IP85 IP86 IP91	TEMPERATURE_8 VELOCITY_PRESSURE_8 SETPOINT_SIGNAL_9				139 IP91 139 IP95 139 IP95
112		LOCITY_PRESSURE_2 SETPOINT_SIGNAL TEMP_3	112 112 112	OP36 OP46 OP56	MOTOR_CONT MOTOR_CONT MOTOR_CONT	ROL_4	121 121	IP45 IP46	TEMP_4 VELOCITY_PRESSURE_4	121 121	OP 56 OP 66 OP 76 OP 86	MOTOR_CONTROL_6 MOTOR_CONTROL_7	130	IP95 IP96	TEMP_9 VELOCITY_PRESSURE_9				140 IP31
112 112	IP36 VE IP41 IP45	LOCITY_PRESSURE_3 SETPOINT_SIGNAL TEMP_4	112 112 112	OP66 OP76 OP81	MOTOR_CONT MOTOR_CONT REHEAT_VAL	ROL_6 ROL_7 _VE_8	121 121 121 121	IP51 IP55 IP56 IP61	SETPOINT_SIGNAL_5 TEMP_5 VELOCITY_PRESSURE_5 SETPOINT_SIGNAL_6	121		MOTOR_CONTROL_8		IP31 IP35	SETPOINT_SIGNAL_3 TEMP_3	131 131 131	OP31 OP36	RAD_VALVE_IF_ANY_3 MOTOR_CONTROL_3	140 IP35 140 IP36 140 IP41 140 IP45
112 112 112	IP46 VE IP51 IP55	LOCITY_PRESSURE_4 SETPOINT_SIGNAL TEMP_5	112	OP86	MOTOR_CONT		121 121 121	IP61 IP65 IP66	SETPOINT_SIGNAL_6 TEMP_6 VELOCITY_PRESSURE_6 SETPOINT_SIGNAL_7				131 131	IP36 IP41 IP45	VELOCITY_PRESSURE_3 SETPOINT_SIGNAL_4 TEMP_4	131 131 131	OP41 OP46 OP51	RAD_VALVE_IF_ANY_4 MOTOR_CONTROL_4 RAD_VALVE_IF_ANY_3	140 IP45 140 IP46 140 IP51
112 112	IP56 VE	SETPOINT_SIGNAL					121 121 121	IP71 IP75 IP76	SETPOINT_SIGNAL_7 TEMP_7 VELOCITY_PRESSURE_7					IP46 IP51 IP55	VELOCITY_PRESSURE_4 SETPOINT_SIGNAL_5 TEMP_5	131 131 131	OP56 OP61 OP66	MOTOR_CONTROL_5 RAD_VALVE_IF_ANY_6 MOTOR_CONTROL_6	140 IP55 140 IP56 140 IP61
112 112	IP66 VE	IEMP_6 ELOCITY_PRESSURE_6 SETPOINT_SIGNAL TEMP_7					121 121 121	IP81 IP85 IP86	SETPOINT_SIGNAL_8 TEMP_8 VELOCITY_PRESSURE_8				131 131 131	IP56 IP61 IP65	VELOCITY_PRESSURE_5 SETPOINT_SIGNAL_6 TEMP_6	131 131 131	OP71 OP76 OP81	RAD_VALVE_IF_ANY_7 MOTOR_CONTROL_7 RAD_VALVE_IF_ANY_8	140         IP65           140         IP66           140         IP71
112 112	IP76 VE IP82	IEMP_7 ILOCITY_PRESSURE_7 TEMPERATURE_8 /ELOCITY_PRESSURE					122 122	IP31 IP35	SETPOINT_SIGNAL_3 TEMP_3	122 122	OP36 OP41	MOTOR_CONTROL_3 VAV4_RAD_VALVE	131 131	IP66 IP71 IP75	VELOCITY_PRESSURE_6 SETPOINT_SIGNAL_7 TEMP_7	131 131 131	OP86 OP91 OP96	MOTOR_CONTROL_8 RAD_VALVE_IF_ANY_9 MOTOR_CONTROL_9	140         IP75           140         IP76           140         IP81
113	IP21	SETPOINT_SIGNAL	113	OP21	RAD_VALVE_MTO		122 122 122	IP36 IP41 IP45	VELOCITY_PRESSURE_3 SETPOINT_SIGNAL_4 TEMP_4	122 122 122	OP46 OP56 OP66	MOTOR_CONTROL_4 MOTOR_CONTROL_5 MOTOR_CONTROL_6	131 131 131	IP76 IP81 IP85	VELOCITY_PRESSURE_7 SETPOINT_SIGNAL_8 TEMPERATURE_8				140         IP85           140         IP86           140         IP86           140         IP91
113 113	IP31	TEMP_2 CLOCITY_PRESSURE_2 SETPOINT_SIGNAL	113 113 113	OP26 OP36 OP46	MOTOR_CONT MOTOR_CONT MOTOR_CONT	ROL_3 ROL_4	122 122 122 122	IP46 IP51 IP55	VELOCITY_PRESSURE_4 SETPOINT_SIGNAL_5 TEMP_5	122 122 122 122	OP71 OP76 OP81	RAD_VALVE_7 MOTOR_CONTROL_7 VAV8_RAD_VALVE	131 131	IP85 IP86 IP91 IP95	VELOCITY_PRESSURE_8 SETPOINT_SIGNAL_9 TEMP_9				140 IP95 140 IP96
113 113	IP41	TEMP_3 CLOCITY_PRESSURE_3 SETPOINT_SIGNAL	113 113 113	OP56 OP61 OP66	MOTOR_CONT RAD_VALV MOTOR_CONT	E_6 ROL_6	122 122 122 122	IP56 IP61 IP65	VELOCITY_PRESSURE_5 SETPOINT_SIGNAL_6 TEMP_6	122	OP86	MOTOR_CONTROL_8		IP95 IP96	VELOCITY_PRESSURE_9	132	OP31	RAD_VALVE_IF_ANY_3	141 IP31 141 IP35 141 IP36
113	IP51	TEMP_4 LOCITY_PRESSURE_4 SETPOINT_SIGNAL	113 113 113	0P71 0P76 0P81	RAD_VALVI MOTOR_CONT REHEAT_VAL	ROL_7 _VE_8	122 122 122 122	IP65 IP66 IP71 IP75	VELOCITY_PRESSURE_6 SETPOINT_SIGNAL_7 TEMP_7				132	IP35 IP35 IP36 IP41	SETPOINT_SIGNAL_3 TEMP_3 VELOCITY_PRESSURE_3 SETPOINT_SIGNAL_4	132 132 132 132	OP31 OP36 OP41 OP46	RAD_VALVE_IF_ANY_3         MOTOR_CONTROL_3         RAD_VALVE_IF_ANY_4         MOTOR_CONTROL_4	141 IP36 141 IP41 141 IP45 141 IP46
113 113 113	IP55 IP56 VE IP61	TEMP_5 CLOCITY_PRESSURE_5 SETPOINT_SIGNAL	113	OP86	MOTOR_CONT		122 122	IP75 IP76 IP81 IP85	TEMP_7 VELOCITY_PRESSURE_7 SETPOINT_SIGNAL_8 TEMP_8				132 132	IP45 IP46	TEMP_4 VELOCITY_PRESSURE_4	132 132	OP51 OP56	RAD_VALVE_IF_ANY_3 MOTOR_CONTROL_5	141 IP51 141 IP55
113 113 113	IP65 IP66 VE IP71	TEMP_6 CLOCITY_PRESSURE_6 SETPOINT_SIGNAL					122 122	IP86	VELOCITY_PRESSURE_8	407	0025		132	IP51 IP55 IP56	SETPOINT_SIGNAL_5 TEMP_5 VELOCITY_PRESSURE_5	132 132 132	OP61 OP66 OP71	RAD_VALVE_IF_ANY_6 MOTOR_CONTROL_6 RAD_VALVE_IF_ANY_7	141 IP61 141 IP65
113 113	IP75 IP76 VE	TEMP_7 TEMPERSURE_7 TEMPERATURE_8					123 123 123	IP31 IP35 IP36	SETPOINT_SIGNAL_3 TEMP_3 VELOCITY_PRESSURE_3	123 123 123	OP36 OP46 OP56	MOTOR_CONTROL_3 MOTOR_CONTROL_4 MOTOR_CONTROL_5	132	IP61 IP65 IP66	SETPOINT_SIGNAL_6 TEMP_6 VELOCITY_PRESSURE_6	132 132 132	OP76 OP81 OP86	MOTOR_CONTROL_7 RAD_VALVE_IF_ANY_8 MOTOR_CONTROL_8	141 IP66 141 IP71 141 IP75
113 113 114	IP86 V	VELOCITY_PRESSURE	114	0P31	RAD_VALVE_IF		123 123 123	IP41 IP45 IP46	SETPOINT_SIGNAL_4 TEMP_4 VELOCITY_PRESSURE_4	123 123 123	OP66 OP76 OP86	MOTOR_CONTROL_6 MOTOR_CONTROL_7 MOTOR_CONTROL_8	132 132 132	IP71 IP75 IP76	SETPOINT_SIGNAL_7 TEMP_7 VELOCITY_PRESSURE_7	132 132	OP91 OP96	RAD_VALVE_IF_ANY_9 MOTOR_CONTROL_9	141         IP76           141         IP81           141         IP85
114 114	IP35 IP36 VE	TEMP_3 LOCITY_PRESSURE_3	114 114	OP31 OP36 OP41 OP46	RAD_VALVE_IF MOTOR_CONT RAD_VALVE_IF MOTOR_CONT	ROL_3 _ANY_4	123 123 123	IP51 IP55 IP56	SETPOINT_SIGNAL_5 TEMP_5 VELOCITY_PRESSURE_5	123	OP96	MOTOR_CONTROL_9	132 132 132	IP81 IP85 IP86	SETPOINT_SIGNAL_8 TEMP_8 VELOCITY_PRESSURE_8				141 IP86 141 IP91 141 IP95
114	IP45 IP46 VE	SETPOINT_SIGNAL_4 TEMP_4 CLOCITY_PRESSURE_4	114 114 114 114	0P51 0P56	RAD_VALVE_IF	_ANY_5 ROL_5	123 123 123	IP61 IP65 IP66	SETPOINT_SIGNAL_6 TEMP_6 VELOCITY_PRESSURE_6				132 132	IP91 IP95 IP96	SETPOINT_SIGNAL_9 TEMP_9 VELOCITY_PRESSURE_9				141 IP96
114	IP55 IP56 VE	SETPOINT_SIGNAL_5 TEMP_5 TLOCITY_PRESSURE_5	114 114 114	OP61 OP66 OP71	RAD_VALVE_IF	ROL_6 _ANY_7	123 123 123	IP71 IP75 IP76	SETPOINT_SIGNAL_7 TEMP_7 VELOCITY_PRESSURE_7				133	IP31 IP35	SETPOINT_SIGNAL_3 TEMP_3	133 133	OP31 OP36	RAD_VALVE_IF_ANY_3	
114	IP65 IP66 VE	SETPOINT_SIGNAL_6 TEMP_6 ELOCITY_PRESSURE_6	114 114 114	OP76 OP81 OP86	MOTOR_CONT RAD_VALVE_IF MOTOR_CONT	_ANY_8 ROL_8	123 123 123 123	IP81 IP85 IP86	SETPOINT_SIGNAL_8 TEMP_8 VELOCITY_PRESSURE_8				133 133	IP36 IP41 IP45	VELOCITY_PRESSURE_3 SETPOINT_SIGNAL_4 TEMP_4	133 133 133 133	0P36 0P41 0P46 0P51	RAD_VALVE_IF_ANY_4 MOTOR_CONTROL_4 RAD_VALVE_IF_ANY_3	
114	IP75 IP76 VE	SETPOINT_SIGNAL_7 TEMP_7 CLOCITY_PRESSURE_7	114 114	0P91 0P96	RAD_VALVE_IF		123 123 123 123	IP 86 IP 91 IP 95 IP 96	SETPOINT_SIGNAL_9 TEMP_9 VELOCITY_PRESSURE_9				133 133	IP45 IP46 IP51 IP55	VELOCITY_PRESSURE_4 SETPOINT_SIGNAL_5 TEMP_5	133 133 133 133	OP51 OP56 OP61 OP66	RAD_VALVE_IF_ANY_3         MOTOR_CONTROL_5         RAD_VALVE_IF_ANY_6         MOTOR_CONTROL_6	
114 114	IP81 S IP85 IP86 VE	SETPOINT_SIGNAL_8 TEMPERATURE_8 CLOCITY_PRESSURE_8					124	IP96 IP31 IP35	SETPOINT_SIGNAL_3 TEMP_3	124 124	OP36 OP41	MOTOR_CONTROL_3	133 133	IP56 IP61	VELOCITY_PRESSURE_5 SETPOINT_SIGNAL_6	133 133	OP71 OP76	RAD_VALVE_IF_ANY_7 MOTOR_CONTROL_7	
114	IP91 S IP95	SETPOINT_SIGNAL_9 TEMP_9 CLOCITY_PRESSURE_9					124 124 124	IP36 IP41	VELOCITY_PRESSURE_3 SETPOINT_SIGNAL_4	124 124	OP46 OP56	VAV4_RAD_VALVE MOTOR_CONTROL_4 MOTOR_CONTROL_5	133 133	IP65 IP66 IP71	TEMP_6 VELOCITY_PRESSURE_6 SETPOINT_SIGNAL_7	133 133 133	OP81 OP86 OP91	RAD_VALVE_IF_ANY_8 MOTOR_CONTROL_8 RAD_VALVE_IF_ANY_9	
I	vc		I				124 124 124	IP45 IP46 IP51	TEMP_4 VELOCITY_PRESSURE_4 SETPOINT_SIGNAL_5	124 124 124	OP66 OP76 OP86	MOTOR_CONTROL_6 MOTOR_CONTROL_7 MOTOR_CONTROL_8	133 133	IP75 IP76 IP81	TEMP_7 VELOCITY_PRESSURE_7 SETPOINT_SIGNAL_8	133	OP96	MOTOR_CONTROL_9	
							124 124 124	IP55 IP56 IP61	TEMP_5 VELOCITY_PRESSURE_5 SETPOINT_SIGNAL_6	124	OP96	MOTOR_CONTROL_9	133	IP85 IP86 IP91	TEMPERATURE_8 VELOCITY_PRESSURE_8 SETPOINT_SIGNAL_9				
							124 124 124	IP65 IP66 IP71	TEMP_6 VELOCITY_PRESSURE_6 SETPOINT_SIGNAL_7				133	IP95 IP96	TEMP_9 VELOCITY_PRESSURE_9				_
							124 124 124	IP75 IP76 IP81	TEMP_7 VELOCITY_PRESSURE_7 SETPOINT_SIGNAL_8										
							124 124 124	IP85 IP86 IP91	TEMP_8 VELOCITY_PRESSURE_8 SETPOINT_SIGNAL_9										
							124 124 124	IP95 IP96	TEMP_9 VELOCITY_PRESSURE_9										

IP31 IP35 IP36	SETPOINT_SIGNAL_3 TEMP_3 VELOCITY_PRESSURE_3	134 134 134	OP31 OP36 OP41	RAD_VALVE_IF_ANY_3 MOTOR_CONTROL_3 RAD_VALVE_IF_ANY_4	CEC DATA CEN 395000	TER SYSTEM 1	<b>`</b>				HIS BUILDING )		
IP41 IP45 IP46	SETPOINT_SIGNAL_4 TEMP_4 VELOCITY_PRESSURE_4	134 134 134 134	OP41 OP46 OP51 OP56	MOTOR_CONTROL_4 RAD_VALVE_IF_ANY_5 MOTOR_CONTROL_5	395000 395000	DATA-ROOM-TEMP2 DATA-ROOM-TEMP3	10K -40 ->120°C ( 10K -40 ->120°C ( 10K -40 ->120°C (	RCC) (RCC)	Al2 Al3	395000 395000 395000	DATA-CRAC3-ALARM-LIGHT DATA-CRAC2-ALARM-LIGHT DATA-CRAC1-ALARM-LIGHT	OFF/ON           OFF/ON           OFF/ON	B02 B03
IP51 IP55	SETPOINT_SIGNAL_5 TEMP_5	134 134	OP61 OP66	RAD_VALVE_IF_ANY_6 MOTOR_CONTROL_6	395000 395000 395000	DATA-ROOM-TEMP4 DATA-ROOM-HUMIDITY1 DATA-ROOM-HUMIDITY2	10K -40 ->120°C ( 0 ->100% (4-20k 0 ->100% (4-20k	MA)	AI5	395000 395000 395000	DATA-UPS1-ALARM-LIGHT DATA-UPS2-ALARM-LIGHT DATA-GENERATOR-ALARM-LIGHT	OFF/ON OFF/ON OFF/ON	BO4 BO5 BO6
IP56 IP61 IP65	VELOCITY_PRESSURE_5 SETPOINT_SIGNAL_6 TEMP_6	134 134 134	0P71 0P76 0P81	RAD_VALVE_IF_ANY_7 MOTOR_CONTROL_7 RAD_VALVE_IF_ANY_8	395000 395000	DATA-ROOM-HUMIDITY3 DATA-ROOM-HUMIDITY4	0 ->100% (4-20M 0 ->100% (4-20M	VA)	AI7 AI8	395000 395000	DATA-ROOM-TEMP1&2-ALARM-LIGH DATA-ROOM-TEMP3&4-ALARM-LIGH	IT OFF/ON IT OFF/ON	B07 B08
IP66 IP71 IP75	VELOCITY_PRESSURE_6 SETPOINT_SIGNAL_7 TEMP_7	134 134 134	OP86 OP91 OP96	MOTOR_CONTROL_8 RAD_VALVE_IF_ANY_9 MOTOR_CONTROL_9	395000 395000 395000	DATA-PUSH-TO-TEST DATA-CRAC1-ALM-STATUS DATA-CRAC2-ALM-STATUS	OFF/ON NORMAL/ALARM NORMAL/ALARM	•	BI10	395000 395000 395000	DATA-ROOM-HUM1&2-ALARM-LIGH DATA-ROOM-HUM3&4-ALARM-LIGH DATA-GLY-LOOP-TEMP-ALARM-LIGH	T OFF/ON	B09 B010 B011
IP76 IP81 IP85	VELOCITY_PRESSURE_7 SETPOINT_SIGNAL_8 TEMPERATURE_8				395000 395000	DATA-CRAC3-ALM-STATUS DATA-UPS-ALARM1	NORMAL/ALARM	1	BI12 BI13	395000 395000	DATA-GC1-COMMAND-LIGHT DATA-GC2-COMMAND-LIGHT	OFF/ON OFF/ON	B012 B013
IP86 IP91	VELOCITY_PRESSURE_8 SETPOINT_SIGNAL_9				395000 395000	DATA-GENERATOR-ALM-STATUS DATA-UPS-ALARM2	ALARM/NORMAL NORMAL/ALARM		BI15	395000 395000 395000	DATA-GC3-COMMAND-LIGHT DATA-GC1-ALARM-LIGHT DATA-GC2-ALARM-LIGHT	OFF/ON OFF/ON OFF/ON	B014 B015 B016
IP95 IP96	TEMP_9 VELOCITY_PRESSURE_9									395000 395000	DATA-GC3-ALARM-LIGHT DATA-CRITICAL-ALARM-LIGHT	OFF/ON OFF/ON	B017 B018
IP31 IP35 IP36	SETPOINT_SIGNAL_3 TEMP_3 VELOCITY_PRESSURE_3	135 135 135	OP31 OP36 OP41	RAD_VALVE_IF_ANY_3 MOTOR_CONTROL_3 RAD_VALVE_IF_ANY_4	CEC DATA CEN	IER SYSTEM 2 NAME	RANGE	0	BJECT		NAME	RANGE	OBJECT
IP41 IP45 IP46	SETPOINT_SIGNAL_4 TEMP_4 VELOCITY_PRESSURE_4	135 135 135	OP46 OP51 OP56	MOTOR_CONTROL_4 RAD_VALVE_IF_ANY_3 MOTOR_CONTROL_5	395001 395001 395001	DATA-PUMP-1A-VFD-SPD-S DATA-PUMP-1A-VFD-FAULT DATA-PUMP-1B-VFD-SPD-S	0 ->100% (4-20M NORMAL/ALARM	1	BI2	395001 395001 395001	OUTPUT_1 OUTPUT_3	OFF/ON OFF/ON	B01 B03
IP51 IP55	SETPOINT_SIGNAL_5 TEMP_5	135 135	OP61 OP66	RAD_VALVE_IF_ANY_6 MOTOR_CONTROL_6	395001 395001 395001	DATA-POMP-IB-VFD-SPD-S DATA-PUMP-IB-VFD-FAULT DATA-GLY-TEMP-SUPPLY-TO-CRA	0 ->100% (4-20M NORMAL/ALARM NCS 10K -40 ->120°C (	1	BI4	395001 395001 395001	OUTPUT_4 DATA-PUMP-1A-CTRL	OFF/ON OFF/ON OFF/ON	B03 B04 B05
IP56 IP61 IP65	VELOCITY_PRESSURE_5 SETPOINT_SIGNAL_6 TEMP_6	135 135 135	0P71 0P76 0P81	RAD_VALVE_IF_ANY_7 MOTOR_CONTROL_7 RAD_VALVE_IF_ANY_8	395001 395001 395001	DATA-GLY-TEMP-RETURN-FROM-CR DATA-GLY-GC1-LEAVING-TEMP DATA-GLY-GC2-LEAVING-TEMP	ACS 10K -40 ->120°C ( 10K -40 ->120°C ( 10K -40 ->120°C (	(RCC)	AI7	395001 395001 395001	DATA-PUMP-1A-VFD-SPD-CTRL DATA-PUMP-1B-CTRL DATA-PUMP-1B-VFD-SPD-CTRL	0.0 ->1009 OFF/ON 0.0 ->1009	B07
IP66 IP71 IP75	VELOCITY_PRESSURE_6 SETPOINT_SIGNAL_7 TEMP_7	135 135 135	OP86 OP91 OP96	MOTOR_CONTROL_8 RAD_VALVE_IF_ANY_9 MOTOR_CONTROL_9	395001 395001 395001	DATA-GLT-GC2-LEAVING-TEMP DATA-DRY-CLR-GC1-STGE1-STATU DATA-DRY-CLR-GC1-STGE2-STATU	JS OFF/ON		BI9	395001 395001 395001	DATA-DOMPTIB-VED-SED-CIRL DATA-DRY-CLR-GC1-STGE1-CTRL DATA-DRY-CLR-GC1-STGE2-CTRL	0.0 = >100 OFF/ON OFF/ON	B09 B010
IP76 IP81 IP85	VELOCITY_PRESSURE_7 SETPOINT_SIGNAL_8 TEMPERATURE_8				395001 395001 395001	DATA-DRY-CLR-GC1-STGE3-STATU DATA-DRY-CLR-GC2-STGE1-STATU DATA-DRY-CLR-GC2-STGE2-STATU	JS OFF/ON		BI11 BI12 BI13	395001 395001 395001	DATA-DRY-CLR-GC1-STGE3-CTRL DATA-DRY-CLR-GC2-STGE1-CTRL DATA-DRY-CLR-GC2-STGE2-CTRL	OFF/ON OFF/ON	B011 B012 B013
IP86 IP91	VELOCITY_PRESSURE_8 SETPOINT_SIGNAL_9				395001 395001 395001	DATA-DRY-CLR-GC2-STGE2-STAT DATA-DRY-CLR-GC2-STGE3-STAT DATA-DRY-CLR-GC3-STGE1-STAT	JS OFF/ON		BI14	395001 395001 395001	DATA-DRY-CLR-GC2-STGE2-CTRL DATA-DRY-CLR-GC2-STGE3-CTRL DATA-DRY-CLR-GC3-STGE1-CTRL	OFF/ON OFF/ON OFF/ON	B013 B014 B015
IP95 IP96	TEMP_9 VELOCITY_PRESSURE_9				395001 395001 395001	DATA-DRY-CLR-GC3-STGE2-STATU DATA-GLY-GC3-LEAVING-TEMP DATA-GC1-ISOLATION-VALVE-STATU	10K -40 ->120°C (	(RCC)	AI17	395001 395001 395001	DATA-DRY-CLR-GC3-STGE2-CTRL	OFF/ON OFF/ON OFF/ON	B016
IP31 IP35 IP36	SETPOINT_SIGNAL_3 TEMP_3 VELOCITY_PRESSURE_3	136 136 136	OP31 OP36 OP41	RAD_VALVE_IF_ANY_3 MOTOR_CONTROL_3 RAD_VALVE_IF_ANY_4	395001 395001	DATA-GC2-ISOLATION-VALVE-STAT DATA-GC3-ISOLATION-VALVE-STAT	US TABLE1 US TABLE1		Al19 Al20	395001 395001		OFF/ON OFF/ON	
IP41 IP45 IP46	SETPOINT_SIGNAL_4 TEMP_4 VELOCITY_PRESSURE_4	136 136 136	OP46 OP51 OP56	MOTOR_CONTROL_4 RAD_VALVE_IF_ANY_3 MOTOR_CONTROL_5	395001 395001 395001	DATA-GLYCOL-SUPPLY-PRESSURE DATA-GLYCOL-RETURN-PRESSURE DATA-GLYCOL-FLOW-METER			AI22	395001 395001 395001	DATA-GC1-ISOLATION-VALVE-CTRI DATA-GC2-ISOLATION-VALVE-CTRI DATA-GC3-ISOLATION-VALVE-CTRI	- CLOSE/OPE	N BO22
IP51 IP55 IP56	SETPOINT_SIGNAL_5 TEMP_5 VELOCITY_PRESSURE_5	136 136 136	OP66 OP71	RAD_VALVE_IF_ANY_6 MOTOR_CONTROL_6	395001 395001	DATA-OUTDOOR-AIR-TEMP DATA-BYPASS-VALVE-FEEBACK	10K -40 ->120°C ( TABLE1	(RCC)	Al24 Al25	395001	DATA-DRY-CLR-BYPASS-VALVE	0.0 ->100% 0	
IP61 IP65	SETPOINT_SIGNAL_6 TEMP_6	136 136	0P76 0P81	RAD_VALVE_IF_ANY_7 MOTOR_CONTROL_7 RAD_VALVE_IF_ANY_8	395001 395001 395001	DATA-PUMP-1A-STATUS DATA-PUMP-1B-STATUS DATA-PUMP-P1A-SIG	OFF/ON OFF/ON OFF/ON		BI26 BI27 BI28				
IP66 IP71 IP75	VELOCITY_PRESSURE_6 SETPOINT_SIGNAL_7 TEMP_7	136 136 136	OP86 OP91 OP96	MOTOR_CONTROL_8 RAD_VALVE_IF_ANY_9 MOTOR_CONTROL_9	395001	DATA-PUMP-PIB-SIG	OFF/ON		BI29				
IP76 IP81 IP85	VELOCITY_PRESSURE_7 SETPOINT_SIGNAL_8 TEMPERATURE_8					DELTA CON	CEC NTROLLER - DSC_1616E N				TRANE CHILLER		
IP86 IP91 IP95	VELOCITY_PRESSURE_8 SETPOINT_SIGNAL_9 TEMP_9					NAME NDENSER WATER PUMP #6 STATUS	RANGE	OBJEC Al1	/ INS1 39	ANEL TANCE 0000	NAME CONDENSER WATER PUMP #6 S/S	RANGE	OBJECT BO1
IP96	VELOCITY_PRESSURE_9	137	0P31	RAD_VALVE_IF_ANY_3	390000 (	NDENSER WATER PUMP #7 STATUS CHILLED WATER PUMP #4 STATUS CHILLED WATER PUMP #5 STATUS		AI2 AI3 AI4	39	0000 0000 0000	CONDENSER WATER PUMP #7 S/S CHILLED WATER PUMP #4 S/S CHILLED WATER PUMP #5 S/S		B02 B03 B04
IP35 IP36	TEMP_3 VELOCITY_PRESSURE_3	137 137	OP36 OP41	MOTOR_CONTROL_3 RAD_VALVE_IF_ANY_4	390000 390000	OUTDOOR AIR TEMPERATURE CHILLER ENABLE FROM BAS		AI5 BI6	39) 39)	0000 0000	REFRIGERENT LEVEL TO BAS REFRIGERENT LEAK ALARM TO BAS		A05 B06
IP41 IP45 IP46	SETPOINT_SIGNAL_4 TEMP_4 VELOCITY_PRESSURE_4	137 137 137	0P46 0P51 0P56	MOTOR_CONTROL_4 RAD_VALVE_IF_ANY_3 MOTOR_CONTROL_5	390000 CH 390000 390000	IILLED WATER SETPOINT FROM BAS REFRIGERENT LEVEL REFRIGERENT LEAK ALARM		AI7 AI8 BI9		0000	CHILLER ALARM TO BAS		B07
IP51 IP55 IP56	SETPOINT_SIGNAL_5 TEMP_5 VELOCITY_PRESSURE_5	137 137 137	OP61 OP66 OP71	RAD_VALVE_IF_ANY_6 MOTOR_CONTROL_6 RAD_VALVE_IF_ANY_7	390000	CHILLED WATER PUMP ENABLE		BI10 BI11					
IP61 IP65 IP66	SETPOINT_SIGNAL_6 TEMP_6 VELOCITY_PRESSURE_6	137 137 137	OP76 OP81 OP86	MOTOR_CONTROL_7 RAD_VALVE_IF_ANY_8 MOTOR_CONTROL_8	398100	CONED SA1 SUPPLY AIR TEMP 10	RELIABLE CO K -40 ->120°C (RCC)			AHU COI 8100	NTROL.	0.0 ->100% OPEN	A01
IP71 IP75	SETPOINT_SIGNAL_7 TEMP_7	137 137 137	0P91 0P96	RAD_VALVE_IF_ANY_9 MOTOR_CONTROL_9	398100 398100	CONED SA1 RETURN AIR TEMP10CONED SA1 MIXED AIR TEMP10	K −40 −>120°C (RCC) K −40 −>120°C (RCC)	AI2 AI3	39 39	8100 8100	CONED SA1 HEATING VLV CONED SA1 MIXED AIR DAMPER	0.0 ->100% OPEN 0.0 ->100% OPEN	A02 A03
IP76 IP81 IP85	VELOCITY_PRESSURE_7 SETPOINT_SIGNAL_8 TEMPERATURE_8				398100 398100 C 398100	CONED SA1 FREEZE STAT ONED SA1 SUPPLY AIR PRESSURE CONED SA1 CO2	NORMAL/ALARM TABLE2 TABLE3	BI4 AI5 AI6	39	8100 ( 8100 8100	CONED SA1 HEATING PUMP CONTROL CHL-BAS CONED SA3 COOLING VLV	ON/OFF OFF/ON 0.0 ->100% OPEN	B05 B06 A09
IP86 IP91 IP95	VELOCITY_PRESSURE_8 SETPOINT_SIGNAL_9 TEMP_9				398100		TABLE1 K -40 ->120°C (RCC)	AI7 AI9	39	8100 8100	CONED SA3 HEATING VLV CONED SA3 MIXED AIR DAMPER	0.0 ->100% OPEN 0.0 ->100% OPEN	A010 A011
IP96	VELOCITY_PRESSURE_9	138	0P31	RAD_VALVE_IF_ANY_3	398100 398100 398100		TABLE4 ₩ -40 ->120°C (RCC) ₩ -40 ->120°C (RCC)	Al10 Al13 Al14	39	8100 8100 8100	CONED BOARD ROOM RAD VLV CONED SA5 COOLING VLV CONED SA5 HEATING VLV	0.0 ->100% OPEN 0.0 ->100% OPEN 0.0 ->100% OPEN	A012 A017 A018
IP35 IP36 IP41	TEMP_3 VELOCITY_PRESSURE_3 SETPOINT_SIGNAL_4	138 138 138	OP36 OP41 OP46	MOTOR_CONTROL_3 RAD_VALVE_IF_ANY_4 MOTOR_CONTROL_4	398100 398100 398100	CONED SA3 MIXED AIR TEMP 10 CONED SA3 FREEZE STAT CONED SA3 CO2	K -40 ->120°C (RCC) NORMAL/ALARM TABLE3	Al15 Bl16 Al17	39	8100 8100 C	CONED SA5 MIXED AIR DAMPER CONED SA5 HEATING PUMP CONTROL	0.0 ->100% OPEN ON/OFF	A019 B020
IP45 IP46	TEMP_4 VELOCITY_PRESSURE_4	138 138	0P51 0P56	RAD_VALVE_IF_ANY_3 MOTOR_CONTROL_5		CONED SA3 BOARD ROOM TEMP 10 CONED SA3 BOARD ROOM ADJ	K −40 −>120℃ (RCC) TABLE5	AI17 AI19 AI20					
IP51 IP55 IP56	SETPOINT_SIGNAL_5 TEMP_5 VELOCITY_PRESSURE_5	138 138 138	0P61 0P66 0P71	RAD_VALVE_IF_ANY_6 MOTOR_CONTROL_6 RAD_VALVE_IF_ANY_7	398100 398100 398100	CONED SA5 RETURN AIR TEMP 10	K −40 −>120°C (RCC) K −40 −>120°C (RCC) K −40 −>120°C (RCC)	Al25 Al26 Al27	;				
IP61 IP65 IP66	SETPOINT_SIGNAL_6 TEMP_6 VELOCITY_PRESSURE_6	138 138 138	OP76 OP81 OP86	MOTOR_CONTROL_7 RAD_VALVE_IF_ANY_8 MOTOR_CONTROL_8	398100	CONED SA5 FREEZE STAT	NORMAL/ALARM TABLE2	BI28 AI29	)				
IP71 IP75 IP76	SETPOINT_SIGNAL_7 TEMP_7 VELOCITY_PRESSURE_7	138 138	0P91 0P96	RAD_VALVE_IF_ANY_9 MOTOR_CONTROL_9	398100 398100 C0	CONED SA5 CO2 DNED SA5 HEATING PUMP STATUS	TABLE3 TABLE1	AI30 AI31					
IP81 IP85 IP86	SETPOINT_SIGNAL_8 TEMPERATURE_8				398200 398200	CONED SA2 RETURN AIR TEMP 10	K −40 −>120°C (RCC) K −40 −>120°C (RCC)	Al1 Al2	39	8200 8200	CONED SA2 COOLING VLV CONED SA2 HEATING VLV	0.0 ->100% OPEN 0.0 ->100% OPEN	A01 A02
IP91 IP95	VELOCITY_PRESSURE_8 SETPOINT_SIGNAL_9 TEMP_9				398200 398200 398200 C	CONED SA2 MIXED AIR TEMP 10 CONED SA2 FREEZE STAT ONED SA2 SUPPLY AIR PRESSURE	K -40 ->120°C (RCC) NORMAL/ALARM TABLE2	AI3 BI4 AI5	39		CONED SA2 MIXED AIR DAMPER ONED SA2 HEATING PUMP CONTROL ONED-CHILLER-REQUEST-TO-DELTA	0.0 ->100% OPEN ON/OFF ON/OFF	A03 B05 B06
IP96	VELOCITY_PRESSURE_9 SETPOINT_SIGNAL_3	139	OP31	RAD_VALVE_IF_ANY_3		CONED SA2 CO2	TABLE3 TABLE1	AI6 AI7	39	8200 8200	CONED CT FAN CTRL CONED CT FAN MOD	OFF/ON 0.0 ->100%	B07 A08
IP35 IP36 IP41	TEMP_3 VELOCITY_PRESSURE_3 SETPOINT_SIGNAL_4	139 139 139	OP36 OP41 OP46	MOTOR_CONTROL_3 RAD_VALVE_IF_ANY_4 MOTOR_CONTROL_4	398200 398200 398200	CONED CT FAN STATUS CONED CHILL COND SWT CONED CHILL COND RWT	0 ->100% (4-20MA) TABLE5 TABLE5	AI8 AI9 AI10	39	8200 8200 8200	CONED SA4 COOLING VLV CONED SA4 HEATING VLV CONED SA4 MIXED AIR DAMPER	0.0 ->100% OPEN 0.0 ->100% OPEN 0.0 ->100% OPEN	A09 A010 A011
IP45 IP46 IP51	TEMP_4 VELOCITY_PRESSURE_4 SETPOINT_SIGNAL_5	139 139 139	OP51 OP56 OP61	RAD_VALVE_IF_ANY_3 MOTOR_CONTROL_5 RAD_VALVE_IF_ANY_6	398200 398200 398200	CONED CHILLER SWT CONED CHILLER RWT CONED SA4 SUPPLY AIR TEMP 10	TABLE5 TABLE5 ₩ -40 ->120℃ (RCC)	Al11 Al12 Al13	39	8200 8200 8200	CONED SA6 COOLING VLV CONED SA6 HEATING VLV CONED SA6 MIXED AIR DAMPER	0.0 ->100% OPEN 0.0 ->100% OPEN 0.0 ->100% OPEN	A017 A018 A019
IP55 IP56 IP61	TEMP_5 VELOCITY_PRESSURE_5 SETPOINT_SIGNAL_6	139 139 139	OP66 OP71 OP76	MOTOR_CONTROL_6 RAD_VALVE_IF_ANY_7 MOTOR_CONTROL_7	398200 398200	CONED SA4 RETURN AIR TEMP 10	K −40 −>120°C (RCC) K −40 −>120°C (RCC)	Al14 Al15	39		CONED SAG HEATING PUMP CONTROL	ON/OFF	B020
IP65 IP66	TEMP_6 VELOCITY_PRESSURE_6	139 139	OP81 OP86	RAD_VALVE_IF_ANY_8 MOTOR_CONTROL_8	398200 398200 398200	CONED SA4 FREEZE STAT CONED SA4 CO2 CONED SA4 ROOM TEMP	NORMAL/ALARM TABLE3 3K -40 ->150°C	BI16 AI17 AI19					
IP71 IP75 IP76	SETPOINT_SIGNAL_7 TEMP_7 VELOCITY_PRESSURE_7	139 139	OP91 OP96	RAD_VALVE_IF_ANY_9 MOTOR_CONTROL_9	398200 398200	CONED-CHILLER-STATUS CONED SA6 SUPPLY AIR TEMP 10	OFF/ON 0K −40 −>120℃ (RCC)	BI20 AI25	)				
IP81 IP85 IP86	SETPOINT_SIGNAL_8 TEMPERATURE_8 VELOCITY_PRESSURE_8				398200 398200 398200		K −40 −>120°C (RCC) K −40 −>120°C (RCC) NORMAL/ALARM	Al26 Al27 Bl28	,				
IP91 IP95 IP96	SETPOINT_SIGNAL_9 TEMP_9 VELOCITY_PRESSURE_9				398200	ONED SA6 SUPPLY AIR PRESSURE CONED SA6 CO2 ONED SA6 HEATING PUMP STATUS	TABLE2 TABLE3 TABLE1	AI29 AI30 AI31	)				
IP31 IP35	SETPOINT_SIGNAL_3 TEMP_3	140 140	OP31 OP36	RAD_VALVE_IF_ANY_3 MOTOR_CONTROL_3	398101	CONED-OFF1-SAT 10	K −40 −>120°C (RCC)	Al1	39	8101	CONED-OFF1-REHT-VLV	0.0 ->100% OPEN	AO1
IP36 IP41 IP45	VELOCITY_PRESSURE_3 SETPOINT_SIGNAL_4 TEMP_4	140 140 140	OP41 OP46 OP51	RAD_VALVE_IF_ANY_4 MOTOR_CONTROL_4 RAD_VALVE_IF_ANY_3	398101 398101 398101	CONED OFF1 RMT 10 CONED-OFF1-ADJ VAV398101-VP	K −40 −>120°C (RCC) TABLE1 0.00 −>1.00"WC	Al2 Al3 Al4	39	98101 98101	VAV398101-DMP VAV398101-CW-CLS	CLOSE/OPEN/IDLE NO/YES	M07 B08
IP46 IP51 IP55	VELOCITY_PRESSURE_4 SETPOINT_SIGNAL_5 TEMP_5	140 140 140 140	OP56 OP61 OP66	MOTOR_CONTROL_5 RAD_VALVE_IF_ANY_6 MOTOR_CONTROL_6	398101 398101	VAV398101–DMP–POS VAV398101–DMP@END	0 ->100% (0-10V) NO/YES	AI5 BI6					
IP56 IP61	VELOCITY_PRESSURE_5 SETPOINT_SIGNAL_6	140 140	0P71 0P76	RAD_VALVE_IF_ANY_7 MOTOR_CONTROL_7	398102 398102	CONED-OFF2-RMT 10	K −40 −>120°C (RCC) K −40 −>120°C (RCC)	Al1 Al2	39	8102 8102	CONED-OFF2-REHT-VLV VAV398102-DMP	0.0 ->100% OPEN CLOSE/OPEN/IDLE	A01 M07
IP65 IP66 IP71	TEMP_6 VELOCITY_PRESSURE_6 SETPOINT_SIGNAL_7	140 140 140	OP81 OP86 OP91	RAD_VALVE_IF_ANY_8 MOTOR_CONTROL_8 RAD_VALVE_IF_ANY_9	398102 398102 398102	CONED-OFF2-ADJ VAV398102-VP VAV398102-DMP-POS	TABLE1 0.00 ->1.00"WC 0 ->100% (0-10V)	AI3 AI4 AI5	39	8102	VAV398102-CW-CLS	NO/YES	BO8
IP75 IP76 IP81	TEMP_7 VELOCITY_PRESSURE_7 SETPOINT_SIGNAL_8	140	OP96	MOTOR_CONTROL_9	398102	VAV398102-DMP@END	NO/YES	BI6					
IP85 IP86 IP91	TEMPERATURE_8 VELOCITY_PRESSURE_8 SETPOINT_SIGNAL_9				398103 398103 398103		K −40 −>120°C (RCC) K −40 −>120°C (RCC) TABLE1	Al1 Al2 Al3	39	8103 8103 8103	CONED-CORR1-REHT-VLV VAV398103-DMP VAV398103-CW-CLS	0.0 ->100% OPEN CLOSE/OPEN/IDLE NO/YES	A01 M07 B08
IP95 IP96	TEMP_9 VELOCITY_PRESSURE_9				398103 398103	VAV398103–VP VAV398103–DMP–POS	0.00 ->1.00"WC 0 ->100% (0-10V)	Al4 Al5					
IP31 IP35 IP36	SETPOINT_SIGNAL_3 TEMP_3 VELOCITY_PRESSURE_3	141 141 141	OP31 OP36 OP41	RAD_VALVE_IF_ANY_3 MOTOR_CONTROL_3 RAD_VALVE_IF_ANY_4	398103 		NO/YES K -40 ->120°C (RCC)	BI6 Al1	39	8104	CONED-MTG-REHT-VLV	0.0 ->100% OPEN	A01
IP41 IP45	SETPOINT_SIGNAL_4 TEMP_4	141 141	0P46 0P51	MOTOR_CONTROL_4 RAD_VALVE_IF_ANY_3	398104 398104 398104	CONED MTG RMT 10 CONED-MTG-ADJ VAV398104-VP	K -40 ->120°C (RCC) TABLE1 0.00 ->1.00"WC	AI2 AI3 AI4	39	8104 8104	VAV398104-DMP VAV398104-CW-CLS	CLOSE/OPEN/IDLE NO/YES	M07 B08
IP46 IP51 IP55	VELOCITY_PRESSURE_4 SETPOINT_SIGNAL_5 TEMP_5	141 141 141	OP56 OP61 OP66	MOTOR_CONTROL_5 RAD_VALVE_IF_ANY_6 MOTOR_CONTROL_6	398104 398104 398104	VAV398104-VP VAV398104-DMP-POS VAV398104-DMP@END	0.00 ->1.00"WC 0 ->100% (0-10V) NO/YES	AI4 AI5 BI6					
IP56 IP61 IP65	VELOCITY_PRESSURE_5 SETPOINT_SIGNAL_6 TEMP_6	141 141 141	0P71 0P76 0P81	RAD_VALVE_IF_ANY_7 MOTOR_CONTROL_7 RAD_VALVE_IF_ANY_8	398105 398105		K −40 −>120℃ (RCC) K −40 −>120℃ (RCC)	Al1 Al2		8105 8105	CONED-OFF6-REHT-VLV VAV398105-DMP	0.0 ->100% OPEN CLOSE/OPEN/IDLE	A01 M07
IP66 IP71 IP75	VELOCITY_PRESSURE_6 SETPOINT_SIGNAL_7 TEMP_7	141 141 141	OP86 OP91 OP96	MOTOR_CONTROL_8 RAD_VALVE_IF_ANY_9 MOTOR_CONTROL_9	398105 398105	CONED-OFF6-ADJ VAV398105-VP	TABLE1 0.00 ->1.00"WC	AI3 AI4	39	8105	VAV398105-CW-CLS	NO/YES	BO8
IP76 IP81 IP85	VELOCITY_PRESSURE_7 SETPOINT_SIGNAL_8 TEMPERATURE_8				398105 398105	VAV398105-DMP-POS VAV398105-DMP@END	0 ->100% (0-10V) NO/YES	AI5 BI6					
IP86 IP91 IP95	VELOCITY_PRESSURE_8 SETPOINT_SIGNAL_9 TEMP_9				398106 398106	CONED OFF3 RMT 10	K −40 −>120°C (RCC) K −40 −>120°C (RCC)	Al1 Al2	39	8106 8106	CONED-OFF3-REHT-VLV VAV398106-DMP	0.0 ->100% OPEN CLOSE/OPEN/IDLE	A01 M07
IP95 IP96	VELOCITY_PRESSURE_9		1		398106 398106 398106	CONED-OFF3-ADJ VAV398106-VP VAV398106-DMP-POS	TABLE1           0.00         ->1.00"WC           0         ->100% (0-10V)	AI3 AI4 AI5		8106	VAV398106-CW-CLS	NO/YES	B08
					398106 	VAV398106-DMP@END CONED-OFF4-SAT 10	NO/YES K -40 ->120°C (RCC)	BI6		8107	CONED-OFF4-REHT-VLV	0.0 ->100% OPEN	A01
					398107 398107	CONED OFF4 RMT 10 CONED-OFF4-ADJ	K −40 −>120℃ (RCC) TABLE1	AI2 AI3	39 39	8107 8107	VAV398107-DMP VAV398107-CW-CLS	CLOSE/OPEN/IDLE NO/YES	M07 B08
					398107 398107 398107	VAV398107-VP VAV398107-DMP-POS VAV398107-DMP@END	0.00 ->1.00"WC 0 ->100% (0-10V) NO/YES	AI4 AI5 BI6					
					398108	CONED-OFF5-SAT 10	0K −40 −>120°C (RCC)	Al1	39	8108	CONED-OFF4-REHT-VLV		A01
					398108 398108 398108	CONED-OFF5-ADJ VAV398108-VP	K         -40         ->120°C (RCC)           TABLE1         0.00         ->1.00"WC	Al2 Al3 Al4	39	8108 8108	VAV398108-DMP VAV398108-CW-CLS	CLOSE/OPEN/IDLE NO/YES	M07 B08
					398108 398108	VAV398108-DMP-POS VAV398108-DMP@END	0 ->100% (0-10V) NO/YES	AI5 BI6					
					398109 398109	CONED CORR2 RMT 10	K −40 −>120°C (RCC) K −40 −>120°C (RCC)	Al1 Al2	39	8109 8109	CONED-CORR2-REHT-VLV VAV398109-DMP	0.0 ->100% OPEN CLOSE/OPEN/IDLE	A01 M07
					398109 398109 398109	CONED-CORR2-ADJ VAV398109-VP VAV398109-DMP-POS	TABLE1 0.00 ->1.00"WC 0 ->100% (0-10V)	AI3 AI4 AI5		8109	VAV398109-CW-CLS	NO/YES	BO8
					398109	VAV398109-DMP@END	NO/YES	BI6					

All	Contractor shall verify all dimensions prior to commencement of the work. print and specifications are the property of he Architect and must be returned upon completion of the work.
ISS	UE OR REVISION
No. 1	Description         Date           ISSUED FOR TENDER         JULY 21, 2021
PROJECT :	CATHOLIC EDUCATION CENTRE BAS, VAV, REHEAT COILS & EXHAUST FANS REPLACEMENT PROJECT 40 MATHESON BOULEVARD W., MISSISSAUGA ON
PROF	FESSIONAL SEAL :
E N	TITLE : XISTING BAS ETWORK AND OINT LISTS
CC	EXECUTION OF CONTRACT
DATE	
SCAL	JUNE 2021
	N.T.S.
CHEC	DH CKED BY : MA
DWG	STATUS :
-	DESIGN
PROJ	JECT No. : 2021-348
DRAV	WING No. : M3.4D

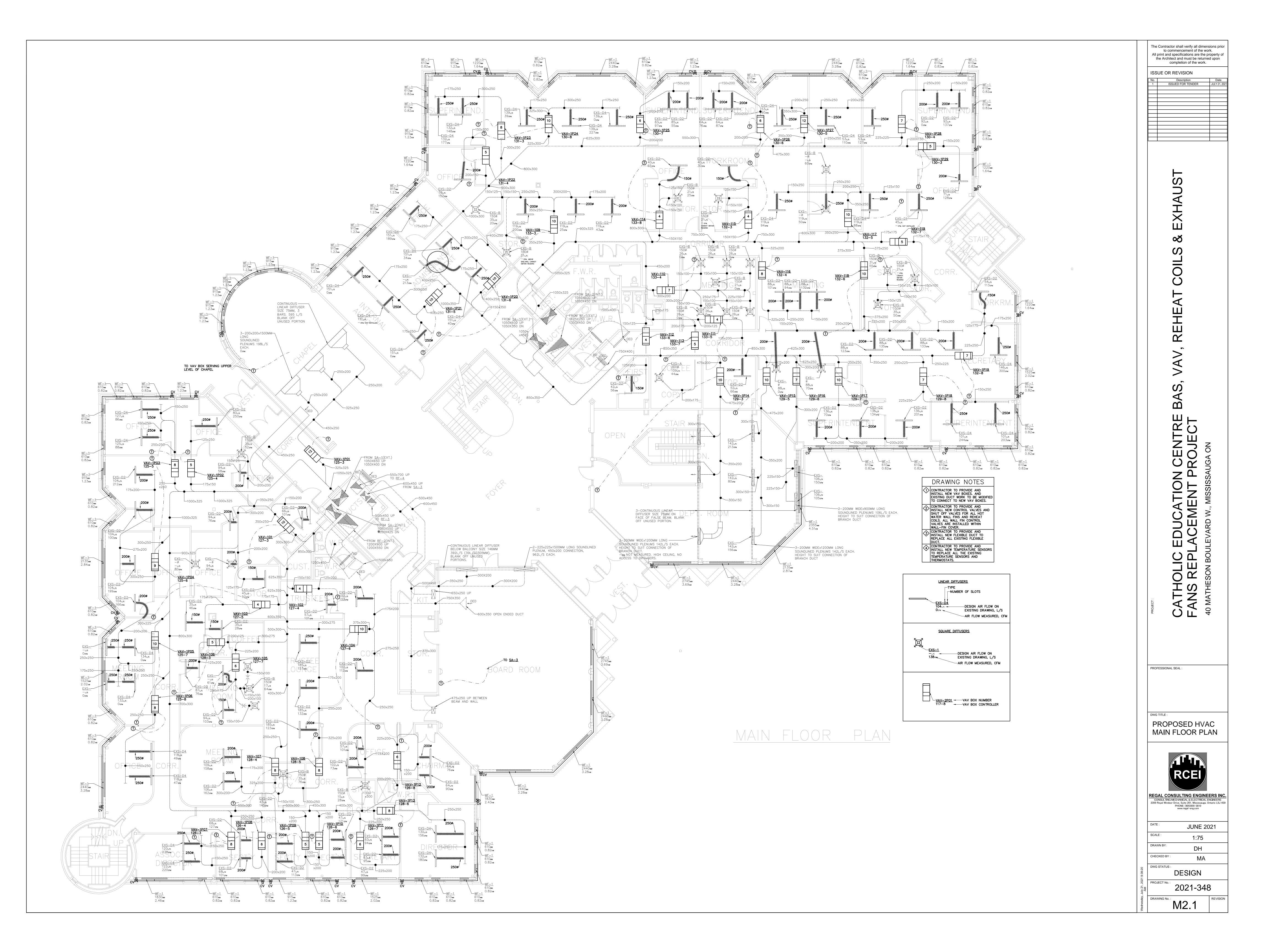


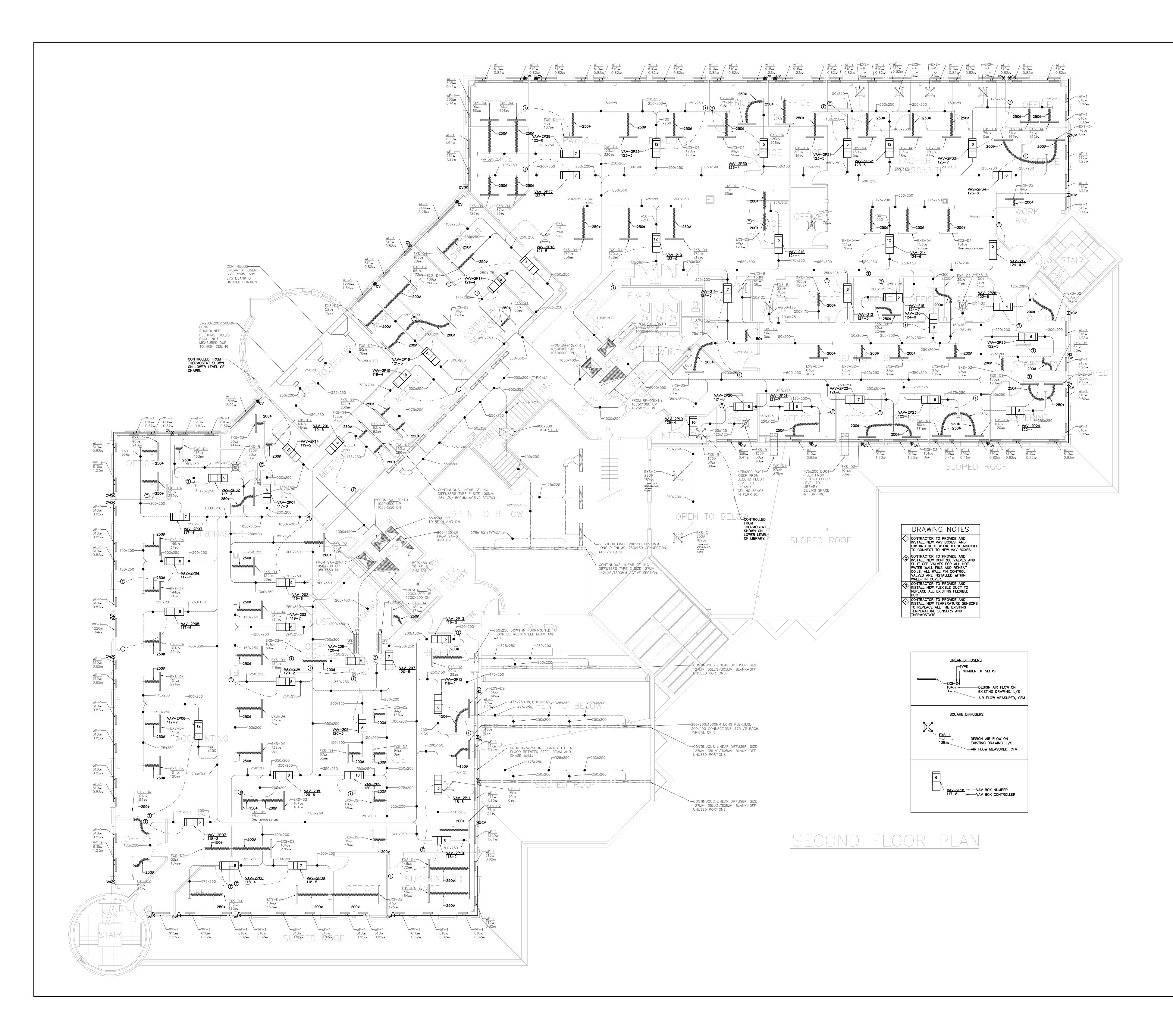


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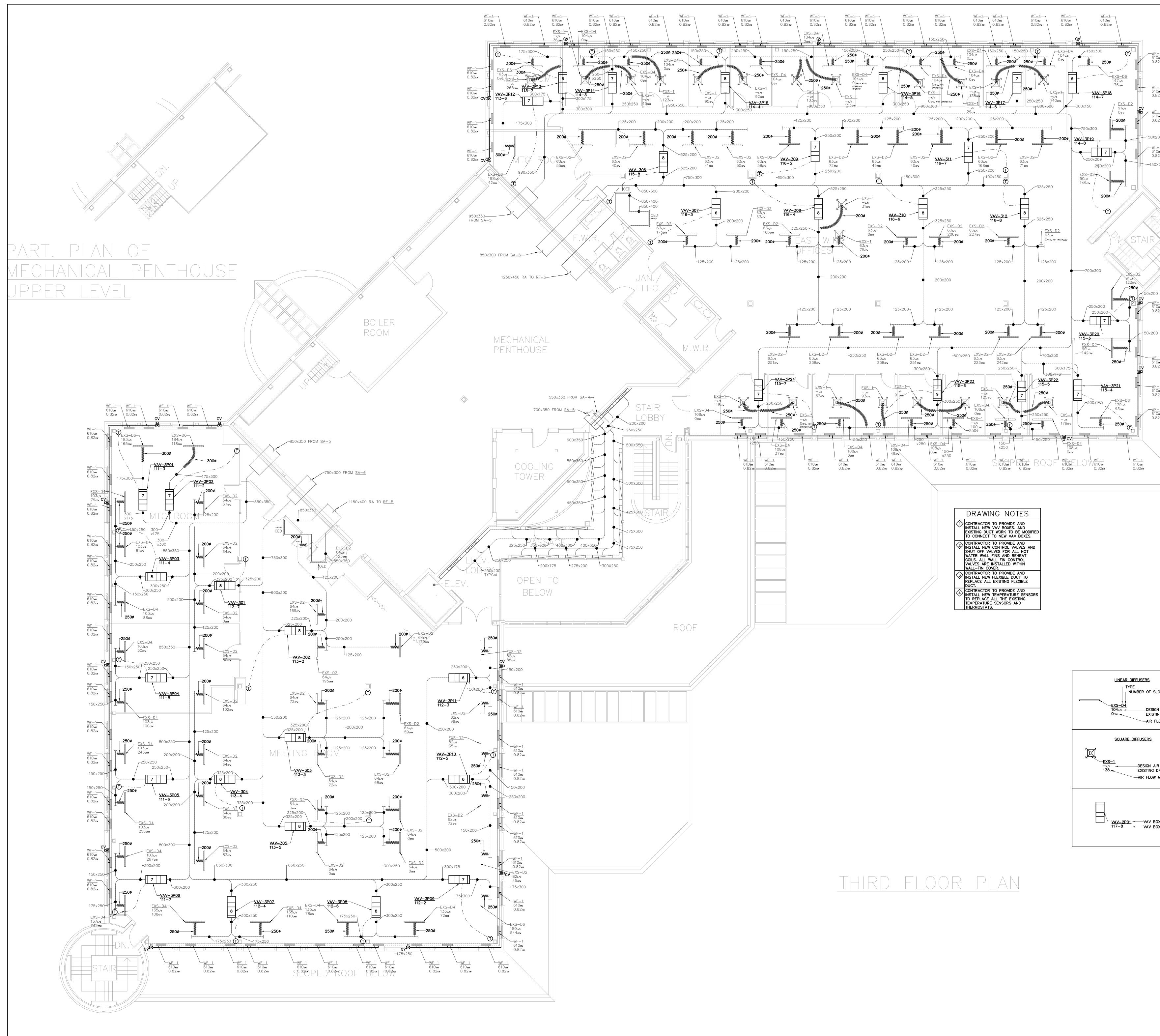
1	ISSUED FOR TENDER	JULY 21, 2021
PROJECT :	CATHOLIC EDUCATION CENTRE BAS, VAV, REHEAT COILS & EXHAUST FANS REPLACEMENT PROJECT	
DWG P L(	TITLE : ROPOSED HVA OWER LEVEL	C
F	LOOR PLAN	
CC 2359 DATE SCAL	JUNE 20	IGINEERS itario L5J 4S9
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Date

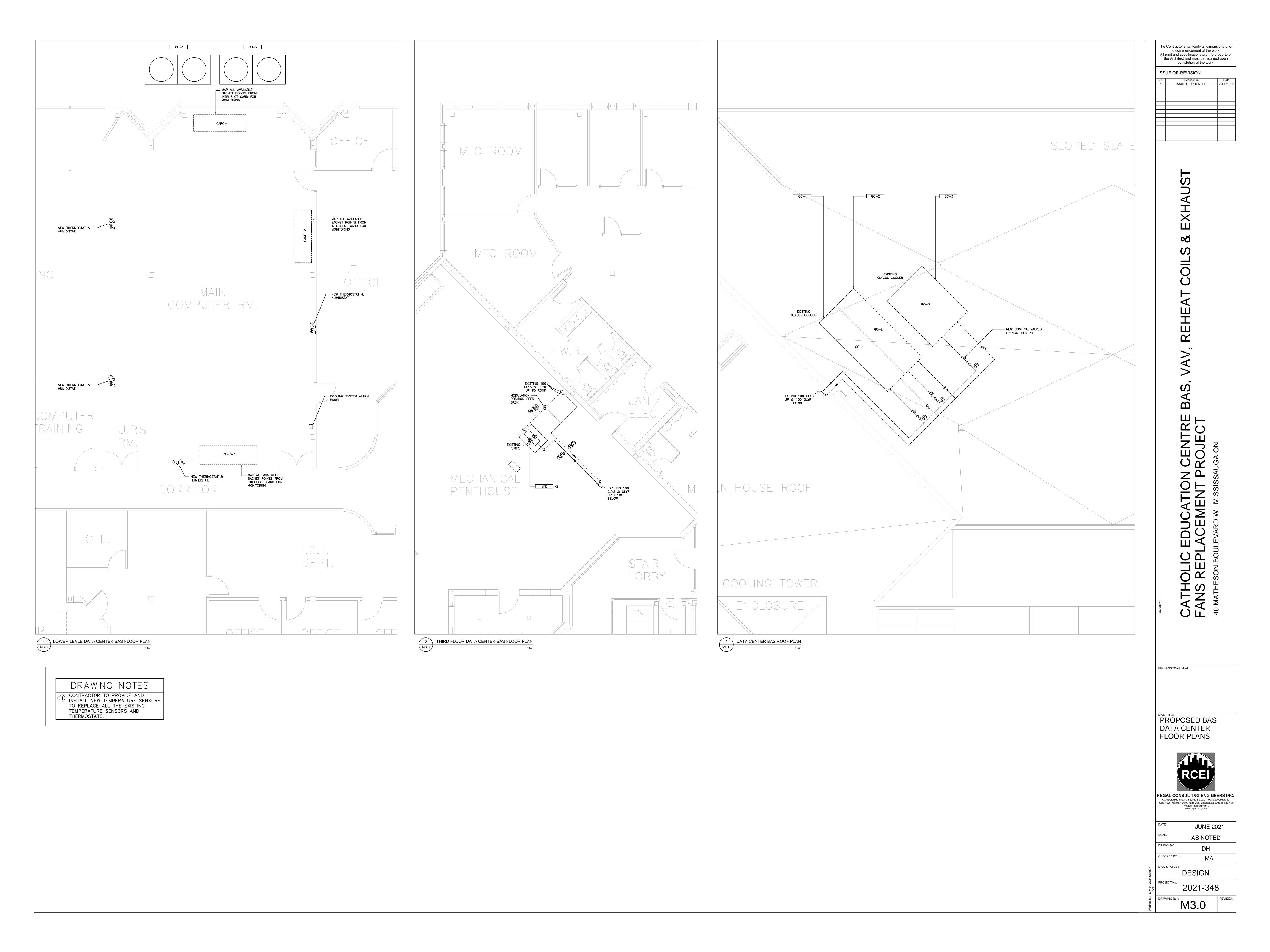


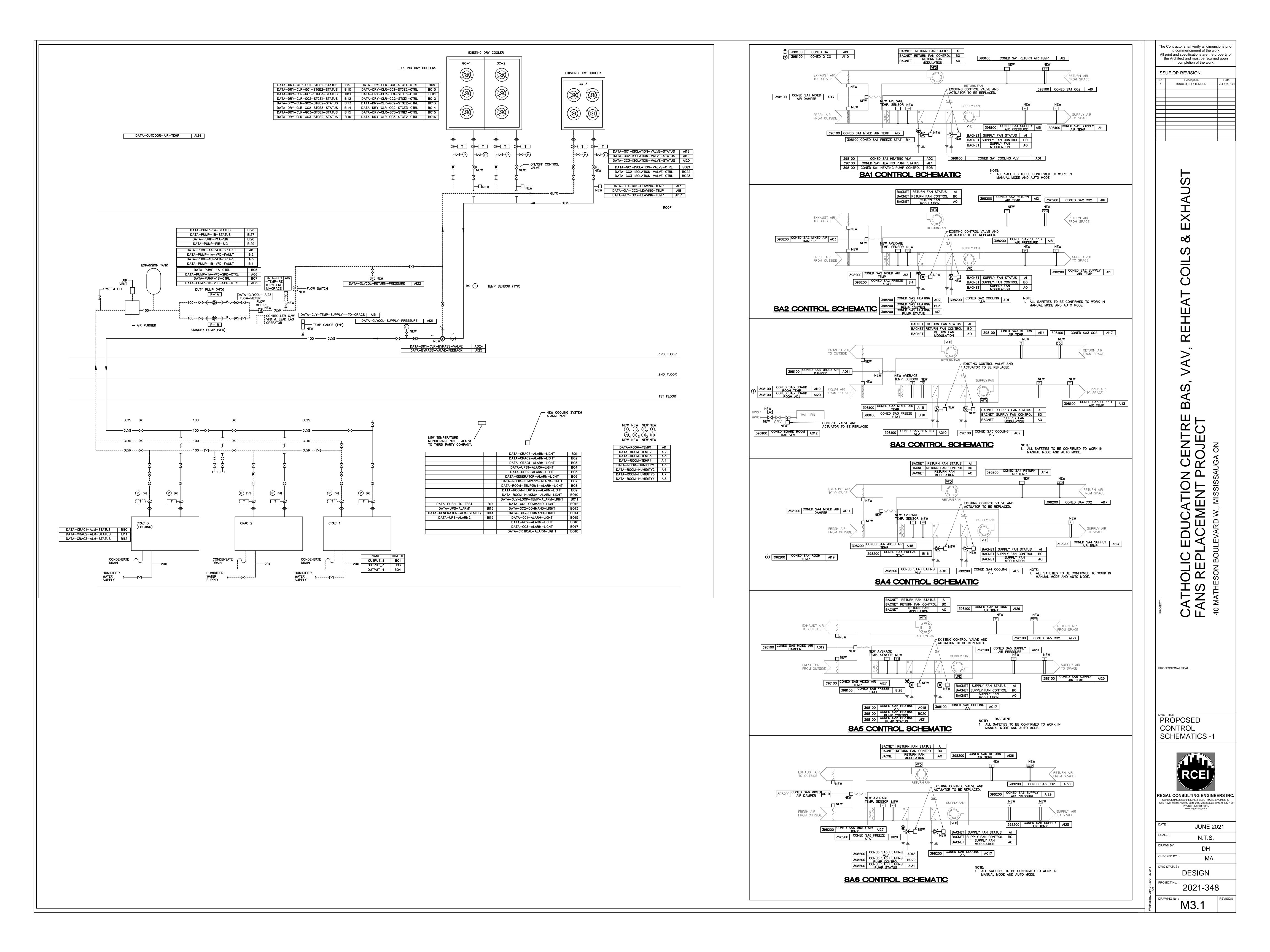


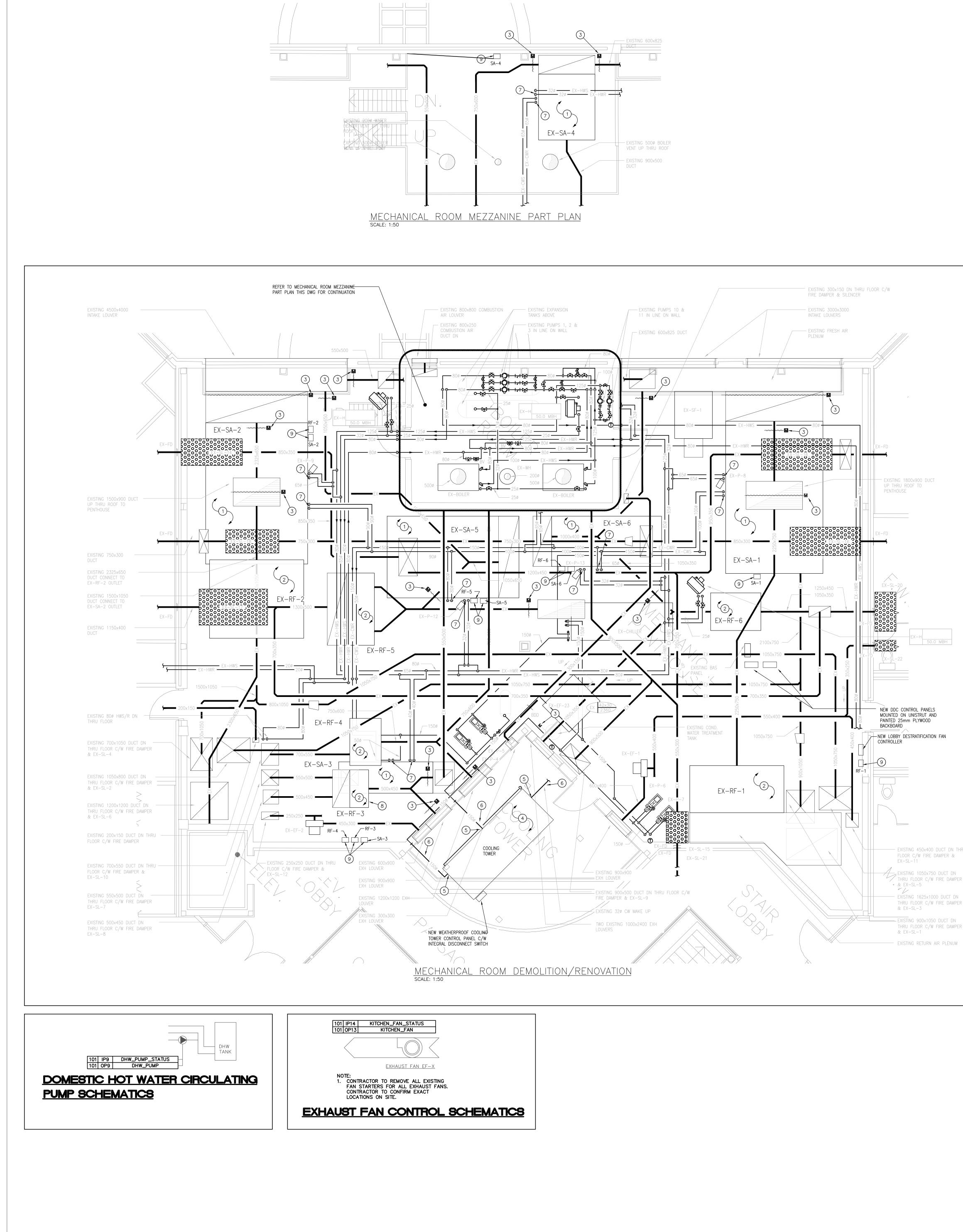
	All	Contractor shall verify all dimensi to commencement of the work print and specifications are the pro- he Architect and must be returned completion of the work.	k. Operty of
	ISS No.	UE OR REVISION Description ISSUED FOR TENDER	Date JULY 21, 2021
	PROJECT .	CATHOLIC EDUCATION CENTRE BAS, VAV, REHEAT COILS & EXHAUST FANS REPLACEMENT PROJECT 40 MATHESON BOULEVARD W., MISSISSAUGA ON	
	PI SI PI	<text><image/><image/></text>	ERS INC.
	DATE	JUNE 20	21
		WN BY: DH	
	DWG	STATUS : DESIGN	
AM	PRO	JECT NO. : 2021-348	
	DRA	WING No. : M2.2	REVISION

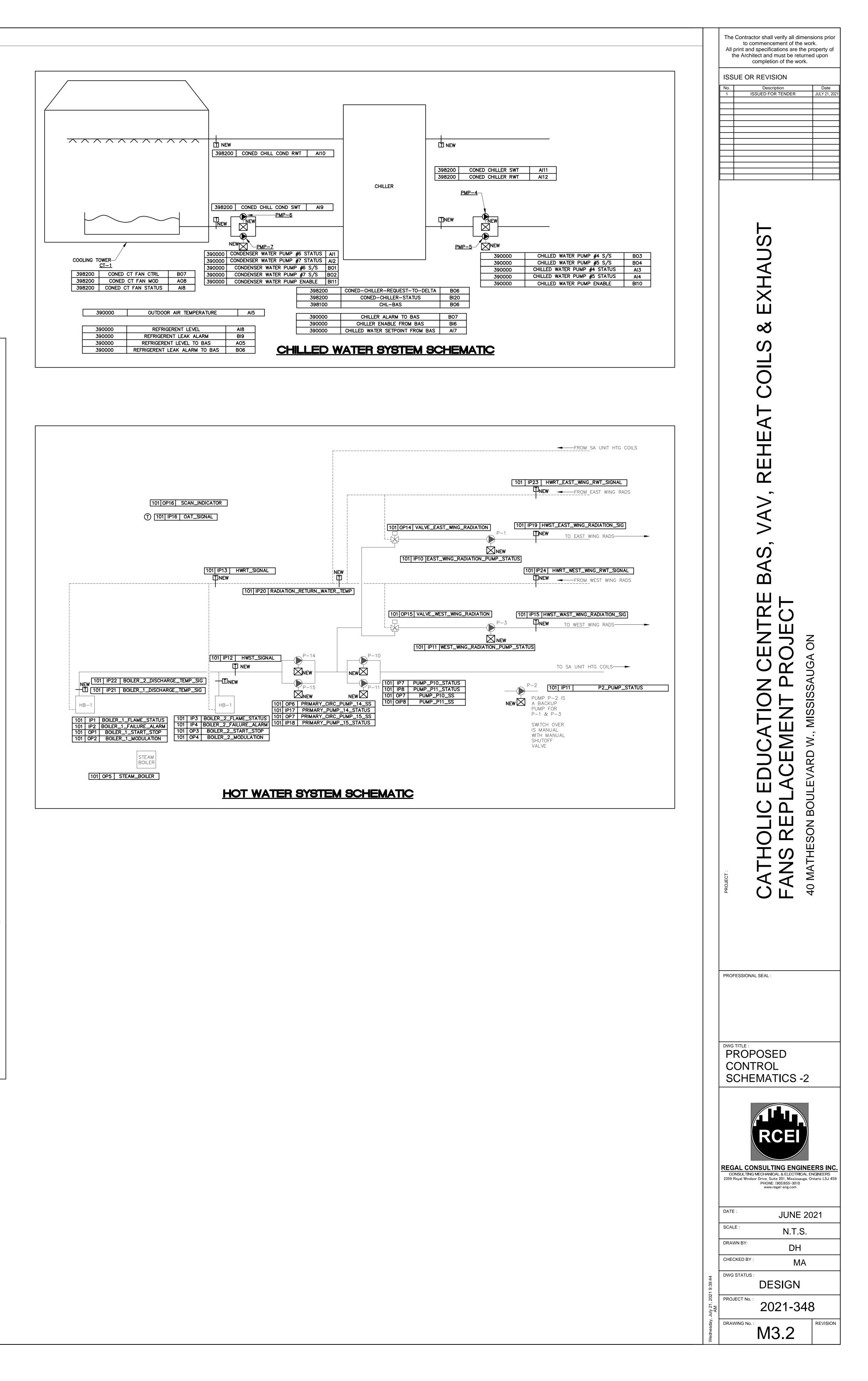


	The Contractor shall verify all dimensions prior to commencement of the work. All print and specifications are the property of the Architect and must be returned upon completion of the work.
<u>— 1</u> Омм 32кw	No.     Description     Date       1     ISSUED FOR TENDER     JULY 21, 202
<u>— 1</u> Омм	
32кw — <u>1</u> Омм	
200	
<u>— 1</u> Омм 32кw	
X200	AUST
The second secon	ADDIC EDUCATION CENTRE BAS, VAV, REHEAT COILS & EXHAU FANS REPLACEMENT PROJECT 40 MATHESON BOULEVARD W., MISSISSAUGA ON
IR FLOW ON DRAWING, L/S MEASURED, CFM	PROFESSIONAL SEAL :
OX NUMBER OX CONTROLLER	DWG TITLE : PROPOSED HVAC THIRD FLOOR PLAN
	REGAL CONSULTING ENGINEERS INC.           CONSULTING MECHANICAL & ELECTRICAL ENGINEERS           2359 Royal Windsor Drive, Suite 201, Mississauga, Ontario L5J 4S9           PHONE: (905)855-3010           www.regal-eng.com
	DATE : JUNE 2021 SCALE : 1:75
	DRAWN BY: DH CHECKED BY : MA
	Too 12 Air Me         PROJECT No. :         2021-348           DRAWING No. :         M2.3         REVISION

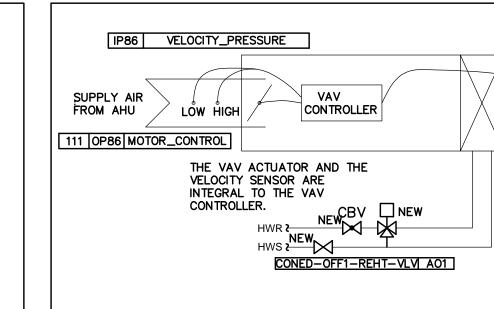








				VAV						
				CONTROLLER		D.A.T. DISCHARGE AIR TEMPERATURE				
		THE VAV ACTO VELOCITY SEN INTEGRAL TO CONTROLLER.	SOR ARE	_						
	IP31         SETPOINT_SIGNAL_3           IP35         TEMP_RM		HWR 2 HWS 2				RAD_VALVE WALL F	INS		
			CONEL	D-OFF1-REHT-VLV AO1						
				CONT	R	ol scł	HEMATI	C		
WALKER CON	TROL BAS I/O POINTS FOR VAV AND	BOILER PLANT CONTROL.	[127   IP31	SETPOINT_SIGNAL_3	127 0P	31 RAD_VALVE_IF_ANY_3	135   IP31   SETPOINT_SIGN	AL_3  135 0P3		AI1   SAT   AO1   R
PAN INPU EL TS 111 IP21		OBEJECTS NAME RAD_VALVE_MEETING_RM 302	127 IP35 127 IP36 127 IP41 127 IP45	TEMP_3 VELOCITY_PRESSURE_3 SETPOINT_SIGNAL_4 TEMP_4	127 OP 127 OP 127 OP	41 RAD_VALVE_IF_ANY_4	135         IP35         TEMP_3           135         IP36         VELOCITY_PRESS           135         IP41         SETPOINT_SIGN           135         IP45         TEMP_4		1 RAD_VALVE_IF_ANY_4	AI2 SAT AO2 R AI3 SAT AO3 R AI4 SAT AO4 R AI5 SAT AO5 R
112   IP21	TEMP_MEETING_RM_2       111       OP26         VELOCITY_PRESSURE_2	MOTOR_CONTROL_2 RAD_VALVE_MTG_RM_301	127 IP46 127 IP51 127 IP55	VELOCITY_PRESSURE_4 SETPOINT_SIGNAL_5 TEMP_5	127 OP 127 OP	51 RAD_VALVE_IF_ANY_3 56 MOTOR_CONTROL_5	135         IP46         VELOCITY_PRESS           135         IP51         SETPOINT_SIGN           135         IP55         TEMP_5           135         IP55         TEMP_5	AL_5 135 OP5 135 OP5		AI6         SAT         AO6         R           AI7         SAT         AO7         R           AI8         SAT         AO8         R           AI8         SAT         AO8         R
112 IP25 112 IP26	TEMP_2 112 OP26 VELOCITY_PRESSURE_2	MOTOR_CONTROL_2	127 IP56 127 IP61 127 IP65 127 IP66	VELOCITY_PRESSURE_5 SETPOINT_SIGNAL_6 TEMP_6 VELOCITY_PRESSURE_6	127 OP 127 OP	61 RAD_VALVE_IF_ANY_6 66 MOTOR_CONTROL_6	135IP56VELOCITY_PRESS135IP61SETPOINT_SIGN135IP65TEMP_6135IP66VELOCITY_PRESS	AL_6 135 OP6		AI9         SAT         AO9         R           AI10         SAT         AO10         R           AI11         SAT         AO10         R           AI11         SAT         AO11         R           AI12         SAT         AO12         R
113         IP21           113         IP25           113         IP26           113         IP61	SETPOINT_SIGNAL113OP21TEMP_2113OP26VELOCITY_PRESSURE_2SETPOINT_SIGNAL113OP61	RAD_VALVE_MTG_RM_301 MOTOR_CONTROL_2 RAD_VALVE_6	127 IP71 127 IP75 127 IP76 127 IP81	SETPOINT_SIGNAL_7 TEMP_7 VELOCITY_PRESSURE_7 SETPOINT_SIGNAL_8	127 OP	71 RAD_VALVE_IF_ANY_7 76 MOTOR_CONTROL_7 B1 RAD_VALVE_IF_ANY_8	135         IP71         SETPOINT_SIGN           135         IP75         TEMP_7           135         IP76         VELOCITY_PRESS           135         IP81         SETPOINT_SIGN	135 OP7 URE_7		AI13         SAT         AO13         R           AI14         SAT         AO14         R           AI15         SAT         AO15         R           AI16         SAT         AO16         R
113         IP65           113         IP66           113         IP71           113         IP75	TEMP_6         113         OP66           VELOCITY_PRESSURE_6	MOTOR_CONTROL_6 RAD_VALVE_7 MOTOR_CONTROL_7	127 IP85 127 IP86 127 IP91	TEMPERATURE_8 VELOCITY_PRESSURE_8 SETPOINT_SIGNAL_9	127 OP	B6 MOTOR_CONTROL_8 91 RAD_VALVE_IF_ANY_9	135IP85TEMPERATURI135IP86VELOCITY_PRESS135IP91SETPOINT_SIGN	E_8 135 OP8 URE_8 AL_9 135 OP9	6 MOTOR_CONTROL_8 11 RAD_VALVE_IF_ANY_9	AI17 SAT A017 R AI18 SAT A018 R AI19 SAT A019 R
113 IP76	VELOCITY_PRESSURE_7 SETPOINT_SIGNAL_3 114 OP31	RAD_VALVE_IF_ANY_3	127 IP95 127 IP96 128 IP31	TEMP_9 VELOCITY_PRESSURE_9 SETPOINT_SIGNAL_3	127 OP	96 MOTOR_CONTROL_9 31 RAD_VALVE_IF_ANY_3	135         IP95         TEMP_9           135         IP96         VELOCITY_PRESS           136         IP31         SETPOINT_SIGN			AI20         SAT         A020         R           AI21         SAT         A021         R           AI22         SAT         A022         R           AI23         SAT         A023         R
114         IP35           114         IP36           114         IP41           114         IP45	TEMP_3114OP36VELOCITY_PRESSURE_3SETPOINT_SIGNAL_4114OP41TEMP_4114OP46	MOTOR_CONTROL_3 RAD_VALVE_IF_ANY_4 MOTOR_CONTROL_4	128 IP35 128 IP36 128 IP41	TEMP_3 VELOCITY_PRESSURE_3 SETPOINT_SIGNAL_4	128 OP 128 OP	36         MOTOR_CONTROL_3           41         RAD_VALVE_IF_ANY_4	136         IP35         TEMP_3           136         IP36         VELOCITY_PRESS           136         IP41         SETPOINT_SIGN	136 OP3 URE_3 AL_4 136 OP4	6 MOTOR_CONTROL_3 1 RAD_VALVE_IF_ANY_4	AI24         SAT         AO24         R           AI25         SAT         AO25         R           AI26         SAT         AO26         R
114 IP46 114 IP51 114 IP55	VELOCITY_PRESSURE_4SETPOINT_SIGNAL_5114OP51TEMP_5114OP56	RAD_VALVE_IF_ANY_5 MOTOR_CONTROL_5	128 IP45 128 IP46 128 IP51 128 IP55	TEMP_4 VELOCITY_PRESSURE_4 SETPOINT_SIGNAL_5 TEMP_5	128 OP 128 OP 128 OP	51 RAD_VALVE_IF_ANY_3	136         IP45         TEMP_4           136         IP46         VELOCITY_PRESS           136         IP51         SETPOINT_SIGN           136         IP55         TEMP_5		I RAD_VALVE_IF_ANY_3	AI27         SAT         AO27         R           AI28         SAT         AO28         R           AI29         SAT         AO29         R           AI30         SAT         AO30         R
114 IP61 114 IP65	VELOCITY_PRESSURE_5SETPOINT_SIGNAL_6114OP61TEMP_6114OP66VELOCITY_PRESSURE_6	RAD_VALVE_IF_ANY_6 MOTOR_CONTROL_6	128 IP56 128 IP61 128 IP65	VELOCITY_PRESSURE_5 SETPOINT_SIGNAL_6 TEMP_6		61 RAD_VALVE_ROOM_159	136IP56VELOCITY_PRESS136IP61SETPOINT_SIGN136IP65TEMP_6	URE_5 AL_6 136 OP6 136 OP6	1 RAD_VALVE_IF_ANY_6	AI31         SAT         AO31         R           AI32         SAT         AO32         R           AI33         SAT         AO33         R
114         IP71           114         IP75           114         IP76           114         IP81	TEMP_7 114 OP76 VELOCITY_PRESSURE_7	RAD_VALVE_IF_ANY_7 MOTOR_CONTROL_7 RAD_VALVE_IF_ANY_8	128 IP66 128 IP71 128 IP75 128 IP75	VELOCITY_PRESSURE_6 SETPOINT_SIGNAL_7 TEMP_7 VELOCITY_PRESSURE_7	128 OP 128 OP	71 RAD_VALVE_IF_ANY_7 76 MOTOR_CONTROL_7	136IP66VELOCITY_PRESS136IP71SETPOINT_SIGN136IP75TEMP_7136IP76VELOCITY_PRESS	AL_7 136 OP7 136 OP7	1 RAD_VALVE_IF_ANY_7 6 MOTOR_CONTROL_7	AI34         SAT         AO34         R           AI35         SAT         AO35         R           AI36         SAT         AO36         R           AI37         SAT         AO37         R
114         IP85           114         IP86           114         IP91	TEMPERATURE_8114OP86VELOCITY_PRESSURE_8SETPOINT_SIGNAL_9114OP91	MOTOR_CONTROL_8 RAD_VALVE_IF_ANY_9	128 IP81 128 IP85 128 IP86 128 IP91	SETPOINT_SIGNAL_8 TEMPERATURE_8 VELOCITY_PRESSURE_8 SETPOINT_SIGNAL_9	128 OP	81       RAD_VALVE_IF_ANY_8         36       MOTOR_CONTROL_8         91       RAD_VALVE_IF_ANY_9	136IP81SETPOINT_SIGN136IP85TEMPERATURI136IP86VELOCITY_PRESS136IP91SETPOINT_SIGN	E_8 136 OP8 SURE_8	6 MOTOR_CONTROL_8	AI38         SAT         AO38         R           AI39         SAT         AO39         R           AI40         SAT         AO40         R           AI41         SAT         AO40         R
114 IP95 114 IP96 115 IP31	TEMP_9       114       OP96         VELOCITY_PRESSURE_9	MOTOR_CONTROL_9 RAD_VALVE_IF_ANY_3	128 IP95 128 IP96	TEMP_9 VELOCITY_PRESSURE_9	128 OP	96 MOTOR_CONTROL_9	136         IP95         TEMP_9           136         IP96         VELOCITY_PRESS	136 OP9 URE_9	6 MOTOR_CONTROL_9	AI42 SAT AO42 R AI43 SAT AO43 R AI44 SAT AO44 R
115 IP35 115 IP36 115 IP41	TEMP_3115OP36VELOCITY_PRESSURE_3SETPOINT_SIGNAL_4115OP41	MOTOR_CONTROL_3 RAD_VALVE_IF_ANY_4	129 IP31 129 IP35 129 IP36 129 IP41	TEMP_3 VELOCITY_PRESSURE_3	129 OP	31       RAD_VALVE_LIBRARY         36       MOTOR_CONTROL_3         41       RAD_VALVE_IF_ANY_4	137         IP31         SETPOINT_SIGN           137         IP35         TEMP_3           137         IP36         VELOCITY_PRESS           137         IP41         SETPOINT_SIGN	137 OP3 URE_3		AI45 SAT AO45 R AI46 SAT AO46 R AI47 SAT AO47 R AI48 SAT AO48 R
115         IP45           115         IP46           115         IP51           115         IP55	VELOCITY_PRESSURE_4		129 IP45 129 IP46 129 IP51	TEMP_4 VELOCITY_PRESSURE_4 SETPOINT_SIGNAL_5	129 OP 129 OP	46 MOTOR_CONTROL_4 51 RAD_VALVE_IF_ANY_5	137         IP45         TEMP_4           137         IP46         VELOCITY_PRESS           137         IP51         SETPOINT_SIGN	137 OP4 URE_4 AL_5 137 OP5	6 MOTOR_CONTROL_4 i1 RAD_VALVE_IF_ANY_3	AI49 SAT AO49 R AI50 SAT AO50 R AI51 SAT AO51 R
115 IP61 115 IP65	VELOCITY_PRESSURE_5SETPOINT_SIGNAL_6115OP61TEMP_6115OP66VELOCITY_PRESSURE_6	RAD_VALVE_IF_ANY_6 MOTOR_CONTROL_6	129 IP55 129 IP56 129 IP61 129 IP65	TEMP_5 VELOCITY_PRESSURE_5 SETPOINT_SIGNAL_6 TEMP_6	129 OP 129 OP 129 OP	61 RAD_VALVE_IF_ANY_6	137         IP55         TEMP_5           137         IP56         VELOCITY_PRESS           137         IP61         SETPOINT_SIGN           137         IP65         TEMP_6	_	I RAD_VALVE_IF_ANY_6	AI52         SAT         AO52         R           AI53         SAT         AO53         R           AI54         SAT         AO54         R           AI55         SAT         AO55         R
115 IP71 115 IP75		RAD_VALVE_IF_ANY_7 MOTOR_CONTROL_7	129 IP66 129 IP71 129 IP75 129 IP76	VELOCITY_PRESSURE_6 SETPOINT_SIGNAL_7 TEMP_7 VELOCITY_PRESSURE_7	129 OP 129 OP	71 RAD_VALVE_IF_ANY_7 76 MOTOR_CONTROL_7	137IP66VELOCITY_PRESS137IP71SETPOINT_SIGN137IP75TEMP_7137IP76VELOCITY_PRESS	AL_7 137 OP7 137 OP7		AI56 SAT A056 R AI57 SAT A057 R AI58 SAT A058 R AI59 SAT A059 R
115         IP81           115         IP85           115         IP86           115         IP91	TEMPERATURE_8 115 OP86 VELOCITY_PRESSURE_8	MOTOR_CONTROL_8	129 IP81 129 IP85 129 IP86	SETPOINT_SIGNAL_8 TEMPERATURE_8 VELOCITY_PRESSURE_8	129 OP 129 OP	B6 MOTOR_CONTROL_8	137IP81SETPOINT_SIGN137IP85TEMPERATURI137IP86VELOCITY_PRESS	AL_8 137 OP8 E_8 137 OP8 SURE_8		AI60         SAT         AO60         R           AI61         SAT         AO61         R           AI62         SAT         AO62         R
115 IP95 115 IP96	TEMP_9 115 OP96 VELOCITY_PRESSURE_9	MOTOR_CONTROL_9	129 IP91 129 IP95 129 IP96	SETPOINT_SIGNAL_9 TEMP_9 VELOCITY_PRESSURE_9	129 OP 129 OP	91 RAD_VALVE_IF_ANY_9 96 MOTOR_CONTROL_9	137IP91SETPOINT_SIGN137IP95TEMP_9137IP96VELOCITY_PRESS	137 OP9	1 RAD_VALVE_IF_ANY_9 6 MOTOR_CONTROL_9	AI63 SAT AO63 R AI64 SAT AO64 R AI65 SAT AO65 R AI66 SAT AO66 R
116         IP31           116         IP35           116         IP36           116         IP41	SETPOINT_SIGNAL_3116OP31TEMP_3116OP36VELOCITY_PRESSURE_3SETPOINT_SIGNAL_4116OP41	RAD_VALVE_IF_ANY_3 MOTOR_CONTROL_3 RAD_VALVE_IF_ANY_4	130 IP31 130 IP35 130 IP36	SETPOINT_SIGNAL_3 TEMP_3 VELOCITY_PRESSURE_3	130 OP		138         IP31         SETPOINT_SIGN           138         IP35         TEMP_3           138         IP36         VELOCITY_PRESS	138 OP3 URE_3	6 MOTOR_CONTROL_3	AI67 SAT AO67 R AI68 SAT AO68 R AI69 SAT AO69 R
116 IP45 116 IP46 116 IP51	TEMP_4116OP46VELOCITY_PRESSURE_4SETPOINT_SIGNAL_5116OP51	MOTOR_CONTROL_4 RAD_VALVE_IF_ANY_5	130 IP41 130 IP45 130 IP46 130 IP51		130 OP	41 RAD_VALVE_ROOM_118 46 MOTOR_CONTROL_4 51 RAD_VALVE_IF_ANY_3	138         IP41         SETPOINT_SIGN           138         IP45         TEMP_4           138         IP46         VELOCITY_PRESS           138         IP51         SETPOINT_SIGN	138 OP4 URE_4	1 RAD_VALVE_IF_ANY_4 6 MOTOR_CONTROL_4 51 RAD_VALVE_IF_ANY_3	AI70         SAT         A070         R           AI71         SAT         A071         R           AI72         SAT         A072         R           AI73         SAT         A073         R
116         IP55           116         IP56           116         IP61           116         IP65	TEMP_5         116         OP56           VELOCITY_PRESSURE_5	MOTOR_CONTROL_5 RAD_VALVE_IF_ANY_6 MOTOR_CONTROL_6	130 IP55 130 IP56 130 IP61	TEMP_5 VELOCITY_PRESSURE_5 SETPOINT_SIGNAL_6	130 OP 130 OP	56 MOTOR_CONTROL_5 61 RAD_VALVE_ROOM_117	138         IP55         TEMP_5           138         IP56         VELOCITY_PRESS           138         IP61         SETPOINT_SIGN	138 OP5 URE_5 AL_6 138 OP6	6 MOTOR_CONTROL_5 i1 RAD_VALVE_IF_ANY_6	AI74         SAT         AO74         R           AI75         SAT         AO75         R           AI76         SAT         AO76         R
116 IP71 116 IP75	VELOCITY_PRESSURE_6Image: Constraint of the second sec	RAD_VALVE_IF_ANY_7 MOTOR_CONTROL_7	130 IP65 130 IP66 130 IP71 130 IP75	TEMP_6 VELOCITY_PRESSURE_6 SETPOINT_SIGNAL_7 TEMP_7	130 OP 130 OP 130 OP	71 RAD_VALVE_ROOM_109	138         IP65         TEMP_6           138         IP66         VELOCITY_PRESS           138         IP71         SETPOINT_SIGN           138         IP75         TEMP_7	AL_7 138 OP7 138 OP7	1 RAD_VALVE_IF_ANY_7	AI77         SAT         A077         R           AI78         SAT         A078         R           AI79         SAT         A079         R           AI80         SAT         A080         R
116 IP81 116 IP85 116 IP86	SETPOINT_SIGNAL_8116OP81TEMPERATURE_8116OP86VELOCITY_PRESSURE_8	RAD_VALVE_IF_ANY_8 MOTOR_CONTROL_8	130 IP76 130 IP81 130 IP85 130 IP86	VELOCITY_PRESSURE_7 SETPOINT_SIGNAL_8 TEMPERATURE_8 VELOCITY_PRESSURE_8	130 OP 130 OP	B1 RAD_VALVE_IF_ANY_8 36 MOTOR_CONTROL_8	138IP76VELOCITY_PRESS138IP81SETPOINT_SIGN138IP85TEMPERATUR138IP86VELOCITY_PRESS	AL_8 138 OP8		AI81         SAT         A081         R           AI82         SAT         A082         R           AI83         SAT         A083         R           AI84         SAT         A084         R
116         IP91           116         IP95           116         IP96	SETPOINT_SIGNAL_9116OP91TEMP_9116OP96VELOCITY_PRESSURE_9	RAD_VALVE_IF_ANY_9 MOTOR_CONTROL_9	130 IP91 130 IP95 130 IP96	SETPOINT_SIGNAL_9 TEMP_9		91 RAD_VALVE_IF_ANY_9 96 MOTOR_CONTROL_9	138         IP91         SETPOINT_SIGN           138         IP95         TEMP_9           138         IP96         VELOCITY_PRESS	AL_9 138 OP9 138 OP9	1 RAD_VALVE_IF_ANY_9 6 MOTOR_CONTROL_9	AI85 SAT A085 R AI86 SAT A086 R AI87 SAT A087 R
117 IP45	SETPOINT_SIGNAL117OP41TEMP_4117OP46VELOCITY_PRESSURE_4	RAD_VALVE_4 MOTOR_CONTROL_4	131 IP31 131 IP35 131 IP36	SETPOINT_SIGNAL_3 TEMP_3 VELOCITY_PRESSURE_3	131 OP 131 OP	31 RAD_VALVE_IF_ANY_3 36 MOTOR_CONTROL_3	139         IP31         SETPOINT_SIGN           139         IP35         TEMP_3           139         IP36         VELOCITY_PRESS	139 OP3	1 RAD_VALVE_IF_ANY_3 6 MOTOR_CONTROL_3	AI88         SAT         AO88         R           AI89         SAT         AO89         R           AI90         SAT         AO90         R           AI91         SAT         AO91         R
	SETPOINT_SIGNAL118OP21TEMP_2118OP26VELOCITY_PRESSURE_2	RAD_VALVE2 MOTOR_CONTROL_2	131 IP41 131 IP45 131 IP46 131 IP51	SETPOINT_SIGNAL_4 TEMP_4 VELOCITY_PRESSURE_4 SETPOINT_SIGNAL_5	131 OP	41 RAD_VALVE_IF_ANY_4 46 MOTOR_CONTROL_4 51 RAD_VALVE_IF_ANY_3	139         IP41         SETPOINT_SIGN           139         IP45         TEMP_4           139         IP46         VELOCITY_PRESS           139         IP51         SETPOINT_SIGN	139 OP4 URE_4		AI92         SAT         AO92         R           AI93         SAT         AO93         R           AI94         SAT         AO94         R           AI95         SAT         AO95         R
118         IP31           118         IP35           118         IP36	SETPOINT_SIGNAL118OP31TEMP_3118OP36VELOCITY_PRESSURE_3	RAD_VALVE_3 MOTOR_CONTROL_3	131 IP55 131 IP56 131 IP61	TEMP_5 VELOCITY_PRESSURE_5 SETPOINT_SIGNAL_6	131 OP 131 OP	56 MOTOR_CONTROL_5 61 RAD_VALVE_IF_ANY_6	139         IP55         TEMP_5           139         IP56         VELOCITY_PRESS           139         IP61         SETPOINT_SIGN	139 OP5 URE_5 AL_6 139 OP6	6 MOTOR_CONTROL_5	AI96 SAT AO96 R AI97 SAT AO97 R AI98 SAT AO98 R
119 IP21 119 IP25 119 IP26	SETPOINT_SIGNAL119OP21TEMP_2119OP26VELOCITY_PRESSURE_2	RAD_VALVE_CHAPEL MOTOR_CONTROL_2	131 IP65 131 IP66 131 IP71 131 IP75	TEMP_6 VELOCITY_PRESSURE_6 SETPOINT_SIGNAL_7 TEMP_7	131 OP 131 OP 131 OP	71 RAD_VALVE_IF_ANY_7	139         IP65         TEMP_6           139         IP66         VELOCITY_PRESS           139         IP71         SETPOINT_SIGN           139         IP75         TEMP_7		1 RAD_VALVE_IF_ANY_7	AI99         SAT         AO99         R           AI100         SAT         AO100         R           AI101         SAT         AO101         R           AI102         SAT         AO102         R
120 IP21 120 IP25 120 IP26		RAD_VALVE_MTG_RM_301 MOTOR_CONTROL_2	131 IP76 131 IP81 131 IP85 131 IP86	VELOCITY_PRESSURE_7 SETPOINT_SIGNAL_8 TEMPERATURE_8 VELOCITY_PRESSURE_8	131 OP 131 OP	B1 RAD_VALVE_IF_ANY_8 B6 MOTOR_CONTROL_8	139IP76VELOCITY_PRESS139IP81SETPOINT_SIGN139IP85TEMPERATUR139IP86VELOCITY_PRESS	AL_8 139 OP8 E_8 139 OP8	II RAD_VALVE_IF_ANY_8	Al103 SAT A0103 R Al104 SAT A0104 R Al105 SAT A0105 R Al106 SAT A0106 R
121 IP51 121 IP55 121 IP56	SETPOINT_SIGNAL_5 121 OP51 TEMP_5 121 OP56 VELOCITY_PRESSURE_5	VAV5_RAD_VALVE MOTOR_CONTROL_5	131 IP91 131 IP95 131 IP96	SETPOINT_SIGNAL_9 TEMP_9 VELOCITY_PRESSURE_9	131 OP 131 OP	91 RAD_VALVE_IF_ANY_9 96 MOTOR_CONTROL_9	139         IP86         VELOCITT_FRESS           139         IP91         SETPOINT_SIGN           139         IP95         TEMP_9           139         IP96         VELOCITY_PRESS	AL_9 139 OP9		Al107 SAT A0107 R Al108 SAT A0108 R Al109 SAT A0109 R
122 IP41 122 IP45	SETPOINT_SIGNAL_4         122         OP41           TEMP_4         122         OP46	VAV4_RAD_VALVE MOTOR_CONTROL_4	132 IP31 132 IP35 132 IP36	SETPOINT_SIGNAL_3 TEMP_3 VELOCITY_PRESSURE_3	132 OP	31 RAD_VALVE_IF_ANY_3 36 MOTOR_CONTROL_3	140         IP31         SETPOINT_SIGN           140         IP35         TEMP_3           140         IP36         VELOCITY_PRESS	140 OP3		AI110         SAT         A0110         R           AI111         SAT         A0111         R           AI112         SAT         A0112         R           AI113         SAT         A0113         R
122 IP71 122 IP75	VELOCITY_PRESSURE_4SETPOINT_SIGNAL_7122TEMP_7122VELOCITY_PRESSURE_7122	RAD_VALVE_7 MOTOR_CONTROL_7	132 IP41 132 IP45 132 IP46 132 IP51	SETPOINT_SIGNAL_4 TEMP_4 VELOCITY_PRESSURE_4	132 OP		140IP41SETPOINT_SIGN140IP45TEMP_4140IP46VELOCITY_PRESS	AL_4 140 OP4 140 OP4 URE_4		Al114 SAT A0114 R Al115 SAT A0115 R Al116 SAT A0116 R
122 IP81 122 IP85 122 IP86	SETPOINT_SIGNAL_8122OP81TEMP_8122OP86VELOCITY_PRESSURE_8	VAV8_RAD_VALVE MOTOR_CONTROL_8	132 IP55 132 IP56 132 IP61		132 OP 132 OP	61 RAD_VALVE_IF_ANY_6	140         IP55         TEMP_5           140         IP56         VELOCITY_PRESS           140         IP61         SETPOINT_SIGN	140 OP5 URE_5 AL_6 140 OP6	6 MOTOR_CONTROL_5	AI117         SAT         A0117         R           AI118         SAT         A0118         R           AI119         SAT         A0119         R           AI120         SAT         A0120         R
124 IP41 124 IP45 124 IP46	SETPOINT_SIGNAL_4124OP41TEMP_4124OP46VELOCITY_PRESSURE_4	VAV4_RAD_VALVE MOTOR_CONTROL_4	132 IP65 132 IP66 132 IP71 132 IP75	TEMP_6 VELOCITY_PRESSURE_6 SETPOINT_SIGNAL_7 TEMP_7	132 OP 132 OP 132 OP	71 RAD_VALVE_IF_ANY_7	140         IP65         TEMP_6           140         IP66         VELOCITY_PRESS           140         IP71         SETPOINT_SIGN           140         IP75         TEMP_7	—	1 RAD_VALVE_IF_ANY_7	Al121         SAT         A0121         R           Al122         SAT         A0122         R           Al123         SAT         A0123         R           Al124         SAT         A0124         R
125 IP31 125 IP35 125 IP36	SETPOINT_SIGNAL_3 125 OP31 TEMP_3 125 OP36 VELOCITY_PRESSURE_3	RAD_VALVE_IF_ANY_3 MOTOR_CONTROL_3	132 IP76 132 IP81 132 IP85	VELOCITY_PRESSURE_7 SETPOINT_SIGNAL_8 TEMP_8		B1 RAD_VALVE_IF_ANY_8	140IP76VELOCITY_PRESS140IP81SETPOINT_SIGN140IP85TEMPERATURI	URE_7 AL_8 140 OP8 5_8 140 OP8	II RAD_VALVE_IF_ANY_8	Al125 SAT A0125 R Al126 SAT A0126 R Al127 SAT A0127 R
125 IP41 125 IP45 125 IP46	SETPOINT_SIGNAL_4125OP41TEMP_4125OP46VELOCITY_PRESSURE_4	MOTOR_CONTROL_4	132 IP86 132 IP91 132 IP95 132 IP96	SETPOINT_SIGNAL_9 TEMP_9		91 RAD_VALVE_IF_ANY_9 96 MOTOR_CONTROL_9	140IP86VELOCITY_PRESS140IP91SETPOINT_SIGN140IP95TEMP_9140IP96VELOCITY_PRESS	AL_9 140 OP9 140 OP9		Al128         SAT         A0128         R           Al129         SAT         A0129         R           Al130         SAT         A0130         R           Al131         SAT         A0131         R
	TEMP_5     125     OP56       VELOCITY_PRESSURE_5	SUPER_OFFICE_183_RAD_ VALVE MOTOR_CONTROL_5	133 IP31 133 IP35	SETPOINT_SIGNAL_3 TEMP_3	133 OP 133 OP	31     RAD_VALVE_IF_ANY_3       36     MOTOR_CONTROL_3	141 IP31 SETPOINT_SIGN 141 IP35 TEMP_3	AL_3 141 OP3 141 OP3	1 RAD_VALVE_IF_ANY_3 6 MOTOR_CONTROL_3	Al132 SAT A0132 R Al133 SAT A0133 R Al134 SAT A0134 R
125 IP71	TEMP_6125OP66VELOCITY_PRESSURE_6SETPOINT_SIGNAL_7125OP71	RAD_VALVE_IF_ANY_6 MOTOR_CONTROL_6 RAD_VALVE_IF_ANY_7	133 IP36 133 IP41 133 IP45 133 IP46	SETPOINT_SIGNAL_4 TEMP_4 VELOCITY_PRESSURE_4	133 OP		141IP36VELOCITY_PRESS141IP41SETPOINT_SIGN141IP45TEMP_4141IP46VELOCITY_PRESS	AL_4 141 OP4 141 OP4 URE_4		Al135 SAT A0135 R Al136 SAT A0136 R Al137 SAT A0137 R Al138 SAT A0138 R
125 IP75	TEMP_7 125 OP76 VELOCITY_PRESSURE_7	MOTOR_CONTROL_7 RAD_VALVE_SUPERINTEND ENT_OFFICE_178	133 IP51 133 IP55 133 IP56 133 IP56	SETPOINT_SIGNAL_5 TEMP_5 VELOCITY_PRESSURE_5 SETPOINT_SIGNAL_6	133 OP	51 RAD_VALVE_IF_ANY_3 56 MOTOR_CONTROL_5 61 RAD_VALVE_IF_ANY_6	141IP51SETPOINT_SIGN141IP55TEMP_5141IP56VELOCITY_PRESS141IP61SETPOINT_SIGN	AL_5 141 OP5 141 OP5 URE_5		Al139         SAT         A0139         R           Al140         SAT         A0140         R           Al141         SAT         A0141         R           Al142         SAT         A0142         R
125 IP91		MOTOR_CONTROL_8 RAD_VALVE_IF_ANY_9	133 IP65 133 IP66 133 IP71	TEMP_6 VELOCITY_PRESSURE_6 SETPOINT_SIGNAL_7	133 OP 133 OP	66 MOTOR_CONTROL_6 71 RAD_VALVE_IF_ANY_7	141         IP65         TEMP_6           141         IP66         VELOCITY_PRESS           141         IP71         SETPOINT_SIGN	141 OP6 URE_6 AL_7 141 OP7	6 MOTOR_CONTROL_6 1 RAD_VALVE_IF_ANY_7	Al143 SAT A0143 R Al144 SAT A0144 R Al145 SAT A0145 R
125 IP95 125 IP96 126 IP31	TEMP_9       125       OP96         VELOCITY_PRESSURE_9	RAD_VALVE_DEP_DIR_OFFI	133 IP75 133 IP76 133 IP81 133 IP85	TEMP_7 VELOCITY_PRESSURE_7 SETPOINT_SIGNAL_8 TEMPERATURE_8	133 OP 133 OP 133 OP	B1 RAD_VALVE_IF_ANY_8	141         IP75         TEMP_7           141         IP76         VELOCITY_PRESS           141         IP81         SETPOINT_SIGN           141         IP85         TEMPERATURI	AL_8 141 OP8	I RAD_VALVE_IF_ANY_8	Al146 SAT A0146 R Al147 SAT A0147 R Al148 SAT A0148 R Al149 SAT A0149 R
126 IP35	TEMP_3     126     OP36       VELOCITY_PRESSURE_3	CE MOTOR_CONTROL_3	133 IP86 133 IP91 133 IP95	VELOCITY_PRESSURE_8 SETPOINT_SIGNAL_9 TEMP_9		91 RAD_VALVE_IF_ANY_9	141IP86VELOCITY_PRESS141IP91SETPOINT_SIGN141IP95TEMP_9	URE_8 AL_9 141 OP9 141 OP9	1 RAD_VALVE_IF_ANY_9	Al150 SAT A0150 R Al151 SAT A0151 R Al152 SAT A0152 R
126 IP45 126 IP46 126 IP51	TEMP_4126OP46VELOCITY_PRESSURE_4SETPOINT_SIGNAL_5126OP51	MOTOR_CONTROL_4 RAD_VALVE_IF_ANY_5	133 IP96 134 IP31 134 IP35	TEMP_3	134 OP	31 RAD_VALVE_IF_ANY_3 36 MOTOR_CONTROL_3	141   IP96   VELOCITY_PRESS	URL_9		Al153 SAT A0153 R Al154 SAT A0154 R Al155 SAT A0155 R
126 IP61 126 IP65	TEMP_6 126 OP66	MOTOR_CONTROL_5 RAD_VALVE_IF_ANY_6 MOTOR_CONTROL_6	134 IP36 134 IP41 134 IP45	VELOCITY_PRESSURE_3 SETPOINT_SIGNAL_4 TEMP_4		41 RAD_VALVE_IF_ANY_4				
126 IP66 126 IP71 126 IP75	VELOCITY_PRESSURE_6	RAD_VALVE_IF_ANY_7 MOTOR_CONTROL_7	134IP46134IP51134IP55134IP56		134 OP	51 RAD_VALVE_IF_ANY_5 56 MOTOR_CONTROL_5				
126 IP81 126 IP85 126 IP86	SETPOINT_SIGNAL_8126OP81TEMPERATURE_8126OP86VELOCITY_PRESSURE_8	RAD_VALVE_ROOM_154 MOTOR_CONTROL_8	134 IP61 134 IP65 134 IP66 134 IP66	SETPOINT_SIGNAL_6 TEMP_6 VELOCITY_PRESSURE_6	134 OP	61 RAD_VALVE_IF_ANY_6 66 MOTOR_CONTROL_6 71 RAD_VALVE_IF_ANY_7				
126 IP91 126 IP95	SETPOINT_SIGNAL_9126OP91TEMP_9126OP96VELOCITY_PRESSURE_9	RAD_VALVE_IF_ANY_9 MOTOR_CONTROL_9	134 IP75 134 IP76 134 IP81	TEMP_7 VELOCITY_PRESSURE_7 SETPOINT_SIGNAL_8	134 OP 134 OP	76 MOTOR_CONTROL_7 B1 RAD_VALVE_IF_ANY_8				
			134 IP85	TEMPERATURE_8		36 MOTOR_CONTROL_8				



ിക	IP31	SETPOINT_SIGNAL_3
	IP35	TEMP_RM

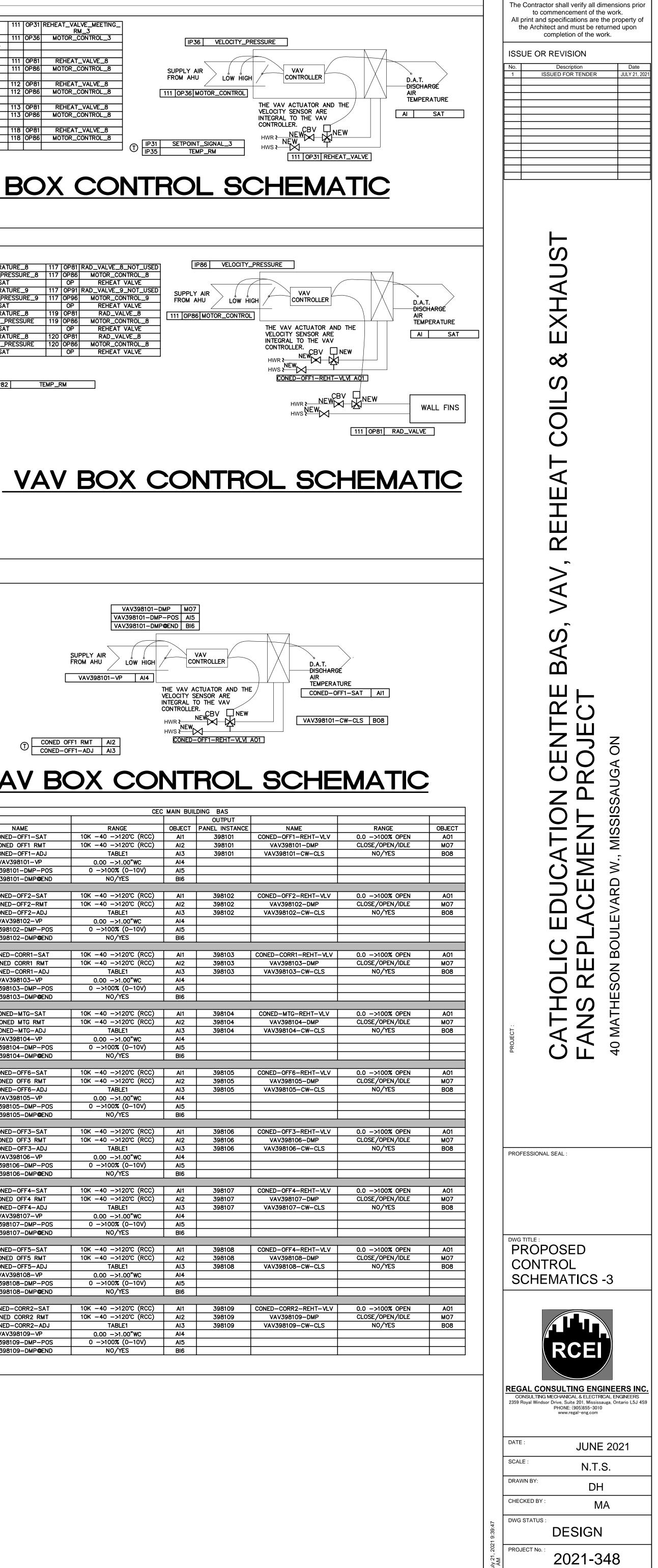
444		SETPOINT SIGNAL 4	1 4 4 4		
	IP41 IP45	TEMP_MEETING_RM_4	111	OP46 AO	MOTOR_CONTROL_4 REHEAT_VALVE
				AU	REHEAT VALVE
	IP46	VELOCITY_PRESSURE_4	444	0050	
	IP51	SETPOINT_SIGNAL_5	111	0P56	MOTOR_CONTROL_5
	IP55	TEMP_MEETING_RM_5		AO	REHEAT VALVE
	IP56	VELOCITY_PRESSURE_5			
	IP61	SETPOINT_SIGNAL_6	111	0P66	MOTOR_CONTROL_6
111	IP65	TEMP_MEETING_RM_6		AO	REHEAT VALVE
111	IP66	VELOCITY_PRESSURE_6			
111	IP71	SETPOINT_SIGNAL_7	111	0P76	MOTOR_CONTROL_7
111	IP75	TEMP_MEETING_RM_7		AO	REHEAT VALVE
111	IP76	VELOCITY_PRESSURE_7			
112	IP31	SETPOINT_SIGNAL	1112	OP36	MOTOR_CONTROL_3
	IP35	TEMP_3		AO	REHEAT VALVE
	IP36	VELOCITY_PRESSURE_3			
	IP41	SETPOINT_SIGNAL	112	0P46	MOTOR_CONTROL_4
	IP45	TEMP_4	112		REHEAT VALVE
	IP46	VELOCITY_PRESSURE_4	-	~~	RENEAT VALVE
	IP40	SETPOINT_SIGNAL	110	0050	
			112		MOTOR_CONTROL_5
	IP55	TEMP_5		AO	REHEAT VALVE
	IP56	VELOCITY_PRESSURE_5			
	IP61	SETPOINT_SIGNAL	112	0P66	MOTOR_CONTROL_6
	IP65	TEMP_6		AO	REHEAT VALVE
	IP66	VELOCITY_PRESSURE_6			
	IP71	SETPOINT_SIGNAL	112	0P76	MOTOR_CONTROL_7
112	IP75	TEMP_7		AO	REHEAT VALVE
112	IP76	VELOCITY_PRESSURE_7			
113	IP31	SETPOINT_SIGNAL	113	OP36	MOTOR_CONTROL_3
	IP35	TEMP_3	1	AO	REHEAT VALVE
	IP36	VELOCITY_PRESSURE_3			
	IP41	SETPOINT_SIGNAL	11.3	0P46	MOTOR_CONTROL_4
	IP45	TEMP_4	+	AO	
	IP46	VELOCITY_PRESSURE_4			
	IP51	SETPOINT_SIGNAL	113	0P56	MOTOR_CONTROL_5
	IP55	TEMP_5	+ 13	AO	REHEAT VALVE
	IP55	VELOCITY PRESSURE 5			
113	15 30	VLLOUITI_FRESSURE_3	<u> </u>		
447	IP31	SETPOINT_SIGNAL	447		
			111/	0P36	MOTOR_CONTROL_3
	IP35	TEMP_3		AO	REHEAT VALVE
	IP36	VELOCITY_PRESSURE_3			
	IP51	SETPOINT_SIGNAL	117		MOTOR_CONTROL_5
	IP55	TEMP_5		AO	REHEAT VALVE
	IP56	VELOCITY_PRESSURE_5			
	IP61	SETPOINT_SIGNAL	117	0P66	MOTOR_CONTROL_6
117	IP65	TEMP_6		AO	REHEAT VALVE
117	IP66	VELOCITY_PRESSURE_6			
117	IP71	SETPOINT_SIGNAL	117	OP76	MOTOR_CONTROL_7
	IP75	TEMP_7		AO	REHEAT VALVE
	IP76	VELOCITY_PRESSURE_7	1		
	,•				
118	IP41	SETPOINT_SIGNAL	118	OP46	MOTOR_CONTROL_4
	IP45	TEMP_4	+		REHEAT VALVE
	IP46	VELOCITY_PRESSURE_4			
	IP40	SETPOINT_SIGNAL	110	0P56	MOTOR_CONTROL_5
	IP51 IP55	TEMP_5	1.10	A0	REHEAT VALVE
		VELOCITY_PRESSURE_5	-		NEREAL VALVE
	IP56		440		
	IP61	SETPOINT_SIGNAL	118	OP66	MOTOR_CONTROL_6
	IP65	TEMP_6		AO	REHEAT VALVE
	IP66	VELOCITY_PRESSURE_6			
	IP71	SETPOINT_SIGNAL	118		MOTOR_CONTROL_7
	IP75	TEMP_7		AO	REHEAT VALVE
118	IP76	VELOCITY_PRESSURE_7			
	ID31	SETPOINT_SIGNAL	119	0P36	MOTOR_CONTROL_3
119		TC1 (D 7		AO	REHEAT VALVE
	IP35	TEMP_3			
119		VELOCITY_PRESSURE_3			
119 119	IP35		119	0P46	MOTOR_CONTROL_4
119 119 119	IP35 IP36	VELOCITY_PRESSURE_3	119	OP46 AO	MOTOR_CONTROL_4 REHEAT VALVE
119 119 119 119	IP35 IP36 IP41	VELOCITY_PRESSURE_3 SETPOINT_SIGNAL	119		
119 119 119 119 119 119	IP35 IP36 IP41 IP45 IP46	VELOCITY_PRESSURE_3 SETPOINT_SIGNAL TEMP_4 VELOCITY_PRESSURE_4		AO	REHEAT VALVE
119 119 119 119 119 119 119	IP35 IP36 IP41 IP45 IP46 IP51	VELOCITY_PRESSURE_3 SETPOINT_SIGNAL TEMP_4 VELOCITY_PRESSURE_4 SETPOINT_SIGNAL	119	A0 0P56	REHEAT VALVE
119 119 119 119 119 119 119	IP35 IP36 IP41 IP45 IP46 IP51 IP55	VELOCITY_PRESSURE_3 SETPOINT_SIGNAL TEMP_4 VELOCITY_PRESSURE_4 SETPOINT_SIGNAL TEMP_5		AO	REHEAT VALVE
119 119 119 119 119 119 119 119	IP35 IP36 IP41 IP45 IP46 IP51 IP55 IP56	VELOCITY_PRESSURE_3 SETPOINT_SIGNAL TEMP_4 VELOCITY_PRESSURE_4 SETPOINT_SIGNAL TEMP_5 VELOCITY_PRESSURE_5	119	A0 0P56 A0	REHEAT VALVE MOTOR_CONTROL_5 REHEAT VALVE
119 119 119 119 119 119 119 119 119	IP35 IP36 IP41 IP45 IP46 IP51 IP55 IP56 IP61	VELOCITY_PRESSURE_3 SETPOINT_SIGNAL TEMP_4 VELOCITY_PRESSURE_4 SETPOINT_SIGNAL TEMP_5 VELOCITY_PRESSURE_5 SETPOINT_SIGNAL		A0 0P56 A0 0P66	REHEAT VALVE MOTOR_CONTROL_5 REHEAT VALVE MOTOR_CONTROL_6
119 119 119 119 119 119 119 119 119 119	IP35 IP36 IP41 IP45 IP51 IP55 IP55 IP56 IP61 IP65	VELOCITY_PRESSURE_3 SETPOINT_SIGNAL TEMP_4 VELOCITY_PRESSURE_4 SETPOINT_SIGNAL TEMP_5 VELOCITY_PRESSURE_5 SETPOINT_SIGNAL TEMP_6	119	A0 0P56 A0	REHEAT VALVE MOTOR_CONTROL_5 REHEAT VALVE
<ul> <li>119</li> </ul>	IP35 IP36 IP41 IP45 IP46 IP51 IP55 IP56 IP61 IP65 IP66	VELOCITY_PRESSURE_3 SETPOINT_SIGNAL TEMP_4 VELOCITY_PRESSURE_4 SETPOINT_SIGNAL TEMP_5 VELOCITY_PRESSURE_5 SETPOINT_SIGNAL TEMP_6 VELOCITY_PRESSURE_6	119	A0 0P56 A0 0P66 A0	REHEAT VALVE MOTOR_CONTROL_5 REHEAT VALVE MOTOR_CONTROL_6 REHEAT VALVE
119 119 119 119 119 119 119 119 119 119	IP35 IP36 IP41 IP45 IP46 IP51 IP55 IP56 IP66 IP66 IP71	VELOCITY_PRESSURE_3 SETPOINT_SIGNAL TEMP_4 VELOCITY_PRESSURE_4 SETPOINT_SIGNAL TEMP_5 VELOCITY_PRESSURE_5 SETPOINT_SIGNAL TEMP_6 VELOCITY_PRESSURE_6 SETPOINT_SIGNAL	119	A0 0P56 A0 0P66 A0 0P76	REHEAT VALVE MOTOR_CONTROL_5 REHEAT VALVE MOTOR_CONTROL_6 REHEAT VALVE MOTOR_CONTROL_7
119 119 119 119 119 119 119 119 119 119	IP35 IP36 IP41 IP45 IP46 IP51 IP55 IP56 IP61 IP65 IP66	VELOCITY_PRESSURE_3 SETPOINT_SIGNAL TEMP_4 VELOCITY_PRESSURE_4 SETPOINT_SIGNAL TEMP_5 VELOCITY_PRESSURE_5 SETPOINT_SIGNAL TEMP_6 VELOCITY_PRESSURE_6	119	A0 0P56 A0 0P66 A0	REHEAT VALVE MOTOR_CONTROL_5 REHEAT VALVE MOTOR_CONTROL_6 REHEAT VALVE



120	IP31 IP35	SETPOINT_SIGNAL_2 TEMP_3	120	OP36 AO	MOTOR_CONTROL_ REHEAT VALVE
120	IP36 IP41 IP45	VELOCITY_PRESSURE_3 SETPOINT_SIGNAL TEMP_4	120	OP46 AO	MOTOR_CONTROL_ REHEAT VALVE
120 120	IP46 IP51	VELOCITY_PRESSURE_4 SETPOINT_SIGNAL	120	OP56	MOTOR_CONTROL_
120	IP55 IP56 IP61	TEMP_5 VELOCITY_PRESSURE_5 SETPOINT_SIGNAL	120	A0 0P66	REHEAT VALVE
120	IP65 IP66	TEMP_6 VELOCITY_PRESSURE_6	120	AO	REHEAT VALVE
	IP71 IP75 IP76	SETPOINT_SIGNAL TEMP_7 VELOCITY_PRESSURE_7	120	0P76 A0	MOTOR_CONTROL_ REHEAT VALVE
121	IP31 IP35	SETPOINT_SIGNAL_3 TEMP_3	121	OP36 AO	MOTOR_CONTROL_ REHEAT VALVE
121 121	IP36 IP41	VELOCITY_PRESSURE_3 SETPOINT_SIGNAL_4	121	OP46	MOTOR_CONTROL_
121 121	IP45 IP46 IP61	TEMP_4 VELOCITY_PRESSURE_4 SETPOINT_SIGNAL_6	121	AO OP66	REHEAT VALVE
121	IP65 IP66 IP71	TEMP_6 VELOCITY_PRESSURE_6 SETPOINT_SIGNAL_7	121	A0 0P76	REHEAT VALVE
121	IP75 IP76 IP81	TEMP_7 VELOCITY_PRESSURE_7 SETPOINT_SIGNAL_8	121	A0 0P86	REHEAT VALVE
121	IP81 IP85 IP86	TEMP_8 VELOCITY_PRESSURE_8		A0	REHEAT VALVE
	IP31	SETPOINT_SIGNAL_3	122	OP36	
122	IP35 IP36 IP51	TEMP_3 VELOCITY_PRESSURE_3 SETPOINT_SIGNAL_5	122	A0 0P56	REHEAT VALVE
122	IP55 IP56	TEMP_5 VELOCITY_PRESSURE_5	100	A0	REHEAT VALVE
122	IP61 IP65 IP66	SETPOINT_SIGNAL_6 TEMP_6 VELOCITY_PRESSURE_6	122	OP66 AO	MOTOR_CONTROL_ REHEAT VALVE
123	IP31 IP35	SETPOINT_SIGNAL_3 TEMP_3	123	OP36 AO	MOTOR_CONTROL_ REHEAT VALVE
123	IP36 IP41 IP45	VELOCITY_PRESSURE_3 SETPOINT_SIGNAL_4	123	OP46 AO	MOTOR_CONTROL_ REHEAT VALVE
123	IP45 IP46 IP51	TEMP_4 VELOCITY_PRESSURE_4 SETPOINT_SIGNAL_5	123	AU OP56	MOTOR_CONTROL_
123	IP55 IP56	TEMP_5 VELOCITY_PRESSURE_5	107	A0	REHEAT VALVE
123	IP61 IP65 IP66	SETPOINT_SIGNAL_6 TEMP_6 VELOCITY_PRESSURE_6	123	OP66 AO	MOTOR_CONTROL_ REHEAT VALVE
123	IP71 IP75 IP76	SETPOINT_SIGNAL_7 TEMP_7 VELOCITY_PRESSURE_7	123	0P76 A0	MOTOR_CONTROL_ REHEAT VALVE
123 123	IP81 IP85 IP86	SETPOINT_SIGNAL_8 TEMP_8 VELOCITY_PRESSURE_8	123	OP86 AO	MOTOR_CONTROL_ REHEAT VALVE
123 123	IP91 IP95	SETPOINT_SIGNAL_9 TEMP_9	123	0P96 A0	MOTOR_CONTROL_ REHEAT VALVE
124	IP96	VELOCITY_PRESSURE_9 SETPOINT_SIGNAL_3	124	OP36	MOTOR_CONTROL_
124	IP35 IP36 IP51	TEMP_3 VELOCITY_PRESSURE_3 SETPOINT_SIGNAL_5	124	A0 0P56	REHEAT VALVE
124 124	IP55 IP56	TEMP_5 VELOCITY_PRESSURE_5		AO	REHEAT VALVE
124	IP61 IP65 IP66	SETPOINT_SIGNAL_6 TEMP_6 VELOCITY_PRESSURE_6		OP66 AO	MOTOR_CONTROL_ REHEAT VALVE
124	IP71 IP75	SETPOINT_SIGNAL_7 TEMP_7	124	0P76 A0	MOTOR_CONTROL_ REHEAT VALVE
124 124	IP76 IP81 IP85	VELOCITY_PRESSURE_7 SETPOINT_SIGNAL_8 TEMP_8	124	OP86 AO	MOTOR_CONTROL_ REHEAT VALVE
124 124	IP86 IP91 IP95	VELOCITY_PRESSURE_8 SETPOINT_SIGNAL_9 TEMP_9	124	OP96 AO	MOTOR_CONTROL_ REHEAT VALVE
124	IP96	VELOCITY_PRESSURE_9	 		
2	Al Al	SAT SAT			
4 5 6	AI AI AI	SAT SAT SAT			
7 8	Al Al	SAT SAT			
9 10 11	Al Al Al	SAT SAT SAT			
12 13	Al Al	SAT SAT SAT			
14 15 16	AI AI AI	SAT SAT SAT			
16 17 18	AI AI AI	SAT SAT SAT			
19 20 21	Al Al	SAT SAT			
21 22 23	AI AI AI	SAT SAT SAT			
24 25	Al Al	SAT SAT			
26 27 28	Al Al Al	SAT SAT SAT			
29 30	AI AI AI	SAT SAT			
31 32 33	Al Al	SAT SAT			
33 34 35	AI AI AI	SAT SAT SAT			
36 37	Al Al	SAT SAT			
38 39 40	AI AI AI	SAT SAT SAT			
41 42	AI AI AI	SAT SAT			
43 44 45	AI AI AI	SAT SAT SAT			
45 46 47	AI AI AI	SAT SAT SAT			
48 49 50	Al Al Al	SAT SAT SAT SAT			
51	AI	SAT			
	C	<b>SCHEN</b>	<b>A</b>	^ -	

		REHEAT_VALVE_MEETING_ RM_3	0P31	111	SETPOINT_SIGNAL_3	IP31	111
			0P36	111	TEMP_MEETING_RM_3	IP35	111
IP3					VELOCITY_PRESSURE_3	IP36	111
					SAT	AI	
		REHEAT_VALVE_8	OP81	111	TEMPERATURE_8	IP82	111
SUPPLY A		MOTOR_CONTROL_8	0P86	111	VELOCITY_PRESSURE	IP86	111
FROM AHI					SAT	AI	
		REHEAT_VALVE_8	OP81	112	TEMPERATURE_8	IP82	112
111   OP36   I		MOTOR_CONTROL_8	0P86	112	VELOCITY_PRESSURE	IP86	112
					SAT	AI	
		REHEAT_VALVE_8	OP81	113	TEMPERATURE_8	IP82	113
		MOTOR_CONTROL_8	0P86	113	VELOCITY_PRESSURE	IP86	113
					SAT	AI	
		REHEAT_VALVE_8	OP81	118	TEMPERATURE_8	IP82	118
0575 011		MOTOR_CONTROL_8	0P86	118	VELOCITY_PRESSURE	IP86	118
SETPOIN TEI	T IP31 IP35				SAT	AI	

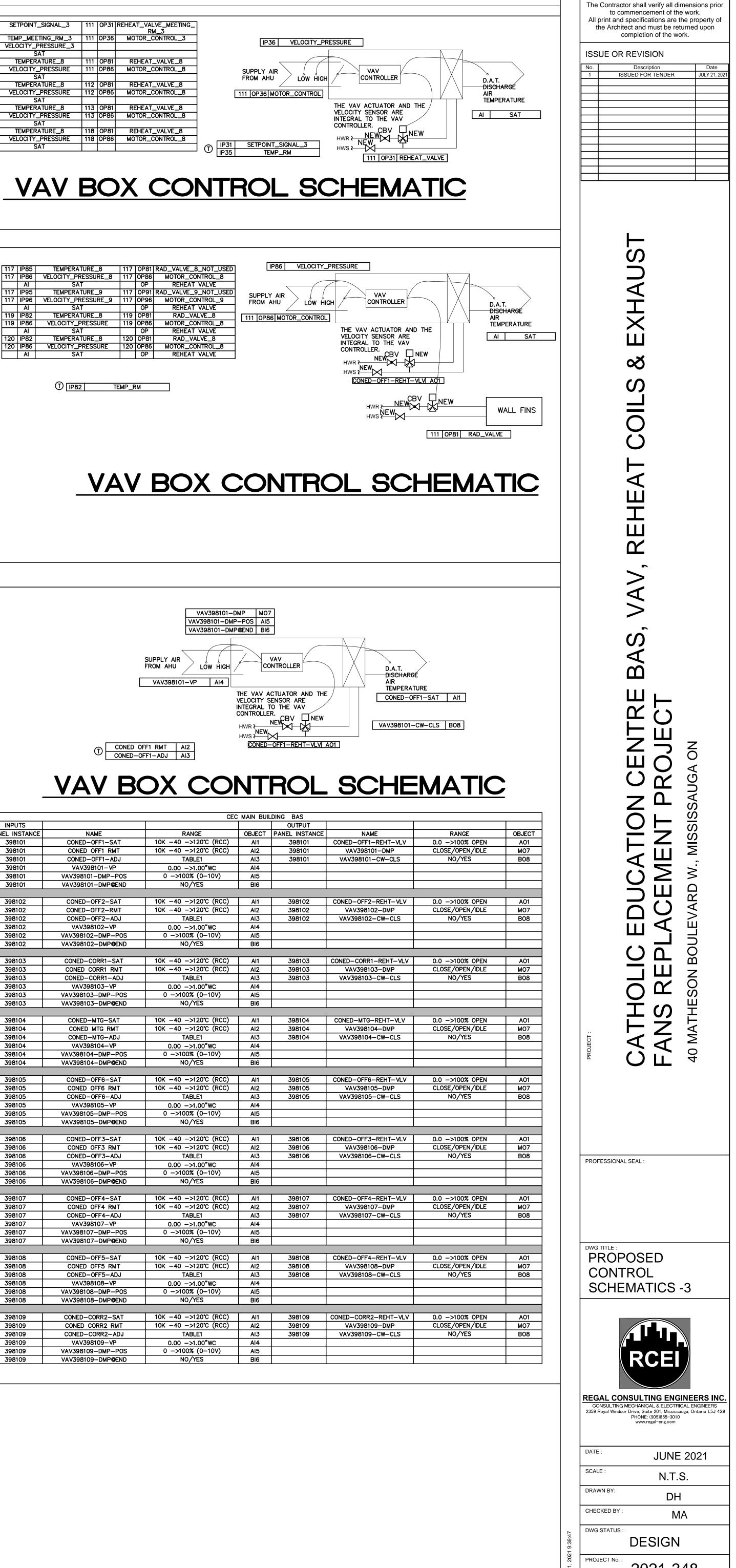
	RAD_VALVE_8_NOT_USED	OP81	117	TEMPERATURE_8	IP85	117
1	MOTOR_CONTROL_8	0P86	117	VELOCITY_PRESSURE_8	IP86	117
1	REHEAT VALVE	OP		SAT	AI	
SUPPLY A	RAD_VALVE_9_NOT_USED	OP91	117	TEMPERATURE_9	IP95	117
FROM AHU	MOTOR_CONTROL_9	0P96	117	VELOCITY_PRESSURE_9	IP96	117
]	REHEAT VALVE	OP		SAT	AI	
111   OP86   M	RAD_VALVE_8	OP81	119	TEMPERATURE_8	IP82	119
]	MOTOR_CONTROL_8	0P86	119	VELOCITY_PRESSURE	IP86	119
	REHEAT VALVE	OP		SAT	AI	
	RAD_VALVE_8	OP81	120	TEMPERATURE_8	IP82	120
]	MOTOR_CONTROL_8	0P86	120	VELOCITY_PRESSURE	IP86	120
]	REHEAT VALVE	OP		SAT	AI	



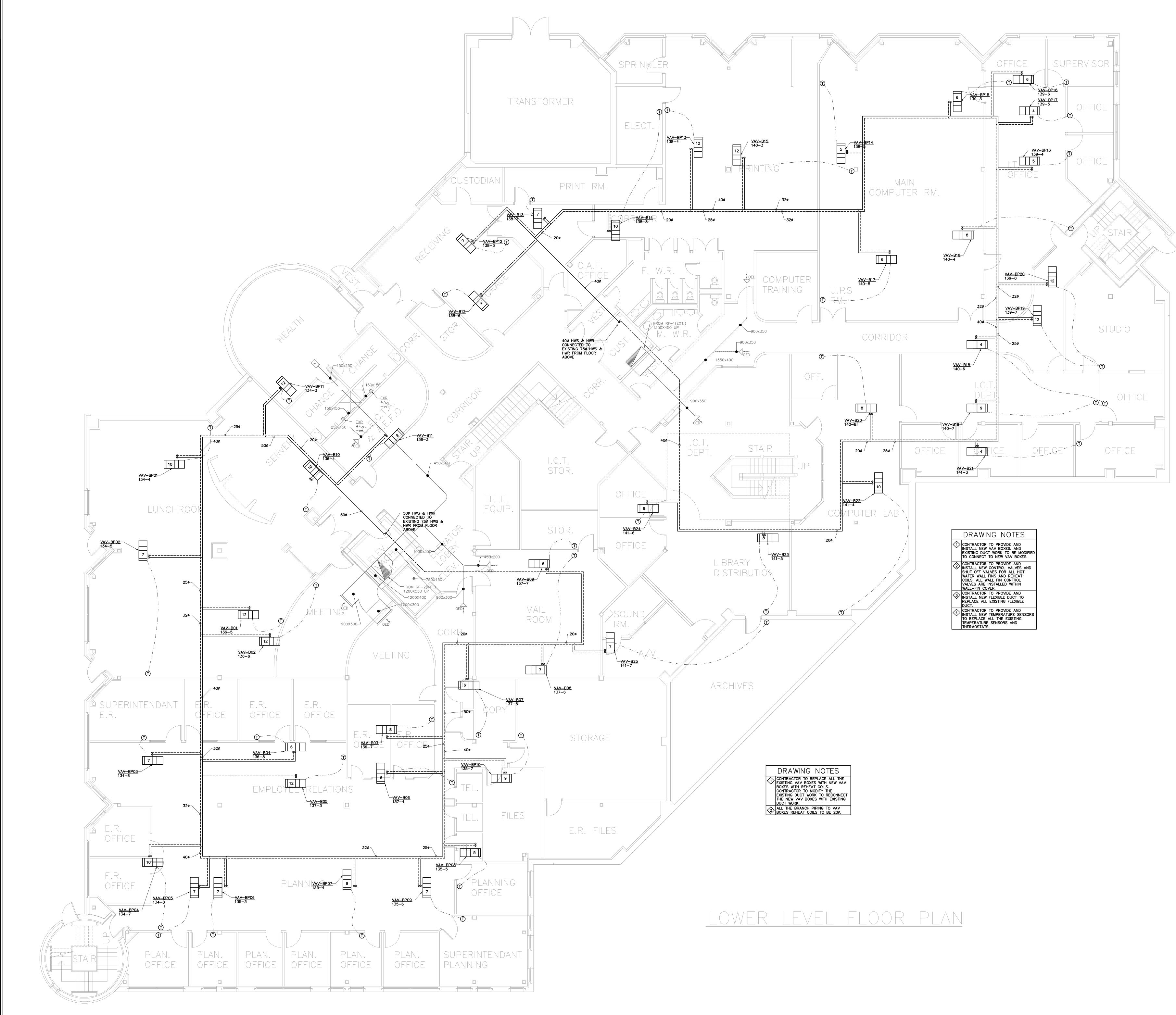
REVISION

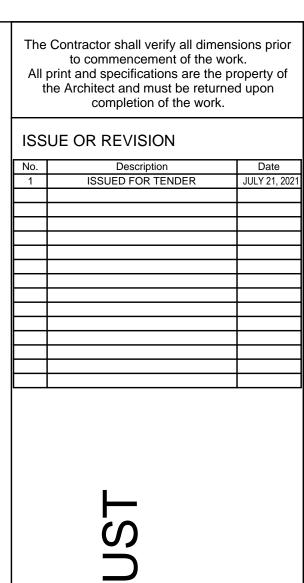
DRAWING No.

M3.3

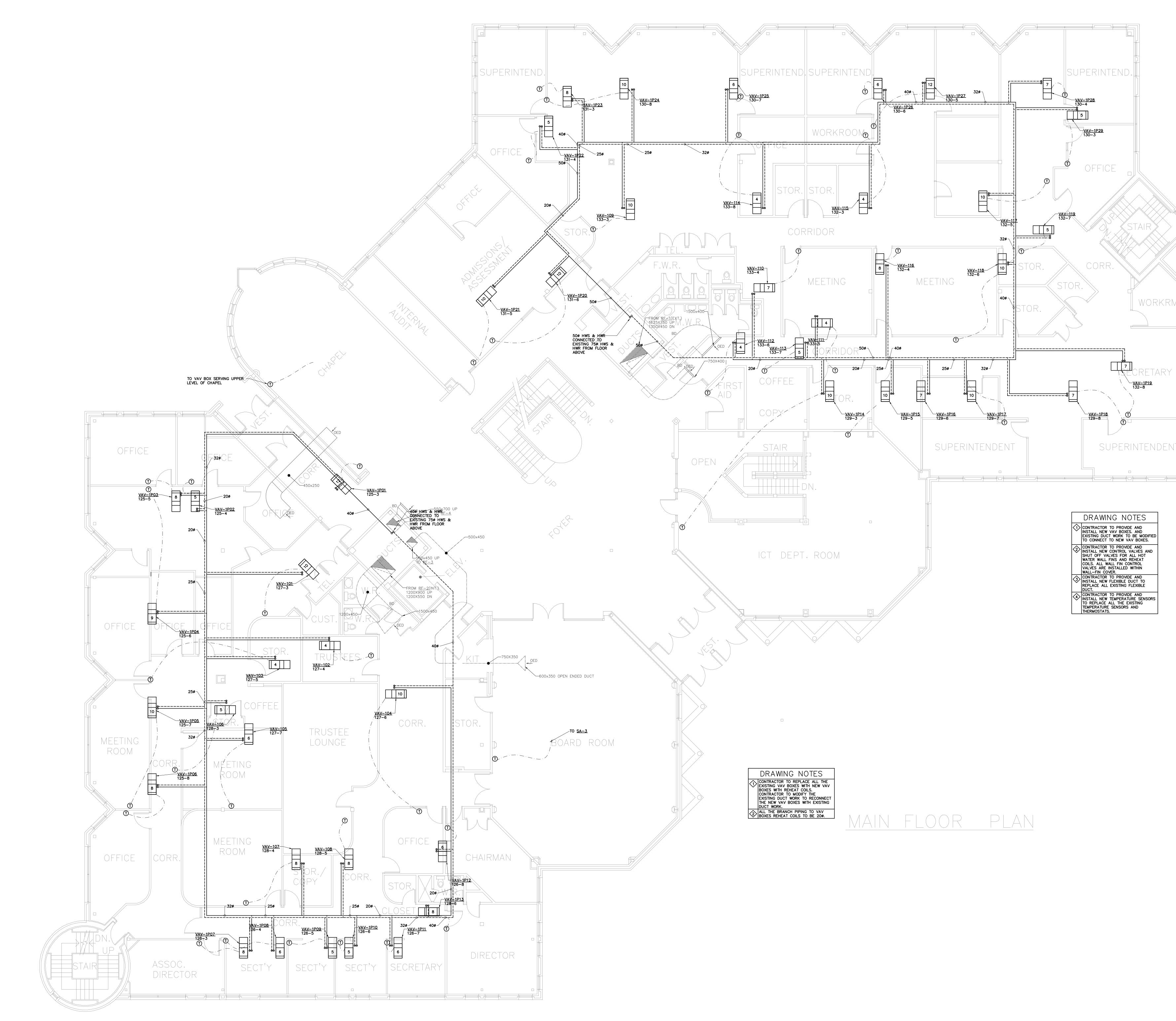


		CEC	MAIN BUI	.D T
INPUTS		DANOS		╞
398101	NAME CONED-OFF1-SAT	RANGE 10K -40 ->120°C (RCC)	OBJECT Al1	1
398101	CONED OFF1 RMT	10K -40 ->120°C (RCC)	AI1 AI2	╀
398101	CONED-OFF1-ADJ		AIZ AI3	╀
398101	VAV398101-VP	0.00 ->1.00"WC	AI4	t
398101	VAV398101-DMP-POS	0 ->100% (0-10V)	AI5	t
398101	VAV398101-DMP@END	NO/YES	BI6	t
			-	
398102	CONED-OFF2-SAT	10K -40 ->120°C (RCC)	Al1	L
398102	CONED-OFF2-RMT	10K -40 ->120°C (RCC)	AI2	Ļ
398102	CONED-OFF2-ADJ	TABLE1	AI3	ļ
398102	VAV398102-VP	0.00 ->1.00"WC	AI4	Ļ
398102	VAV398102-DMP-POS	0 ->100% (0-10V)	AI5	╞
398102	VAV398102-DMP@END	NO/YES	BI6	L
398103	CONED-CORR1-SAT	10K -40 ->120°C (RCC)	Al1	т
398103	CONED CORR1 RMT	10K -40 ->120°C (RCC)	AI1 AI2	╀
398103	CONED-CORR1-ADJ		AIZ AI3	╀
398103	VAV398103-VP	0.00 ->1.00"WC	AI3 AI4	╉
398103	VAV398103-DMP-POS	0 ->100% (0-10V)	AI5	ł
398103	VAV398103-DMP@END	NO/YES	BI6	t
				Ť
398104	CONED-MTG-SAT	10K -40 ->120°C (RCC)	Al1	Т
398104	CONED MTG RMT	10K -40 ->120°C (RCC)	AI2	t
398104	CONED-MTG-ADJ	TABLE1	AI3	t
398104	VAV398104-VP	0.00 ->1.00"WC	AI4	T
398104	VAV398104-DMP-POS	0 ->100% (0-10V)	AI5	Ι
398104	VAV398104-DMP@END	NO/YES	BI6	Ι
			i	
398105	CONED-OFF6-SAT	10K -40 ->120°C (RCC)	Al1	ļ
398105	CONED OFF6 RMT	10K -40 ->120°C (RCC)	AI2	╀
398105	CONED-OFF6-ADJ	TABLE1	AI3	╀
398105	VAV398105-VP	0.00 ->1.00"WC	AI4	╀
398105 398105	VAV398105-DMP-POS VAV398105-DMP@END	0 ->100% (0-10V) N0/YES	AI5 BI6	╀
398103	VAV398105-DMF@END	NOTES	Вю	L
398106	CONED-OFF3-SAT	10K -40 ->120°C (RCC)	Al1	Т
398106	CONED OFF3 RMT	10K -40 ->120°C (RCC)	AI2	t
398106	CONED-OFF3-ADJ	TABLE1	AI3	t
398106	VAV398106-VP	0.00 ->1.00"WC	AI4	t
398106	VAV398106-DMP-POS	0 ->100% (0-10V)	AI5	T
398106	VAV398106-DMP@END	NO/YES	BI6	Ι
		· · · · · · · · · · · · · · · · · · ·		_
398107	CONED-OFF4-SAT	10K -40 ->120°C (RCC)	Al1	ļ
398107	CONED OFF4 RMT	10K -40 ->120°C (RCC)	AI2	ļ
398107	CONED-OFF4-ADJ	TABLE1	AI3	ł
398107	VAV398107-VP	0.00 ->1.00"WC	AI4	ł
398107	VAV398107-DMP-POS	0 ->100% (0-10V)	AI5	╀
398107	VAV398107-DMP@END	NO/YES	BI6	T
398108	CONED-OFF5-SAT	10K -40 ->120°C (RCC)	Al1	Т
398108	CONED OFF5 RMT	10K -40 ->120°C (RCC)	AI2	t
398108	CONED-OFF5-ADJ	TABLE1	AI3	t
398108	VAV398108-VP	0.00 ->1.00"WC	AI4	t
398108	VAV398108-DMP-POS	0 ->100% (0-10V)	AI5	t
398108	VAV398108-DMP@END	NO/YES	BI6	t
				Ĵ
398109	CONED-CORR2-SAT	10K -40 ->120°C (RCC)	Al1	I
398109	CONED CORR2 RMT	10K -40 ->120°C (RCC)	Al2	ſ
398109	CONED-CORR2-ADJ	TABLE1	AI3	ĺ
398109	VAV398109-VP	0.00 ->1.00"WC	Al4	ļ
398109	VAV398109-DMP-POS	0 ->100% (0-10V)	AI5	ļ
398109	VAV398109-DMP@END	NO/YES	BI6	L









	The Contractor shall verify all dimensions prior to commencement of the work. All print and specifications are the property of the Architect and must be returned upon completion of the work.		
	ISSUE	OR REVISION Description ISSUED FOR TENDER	Date JULY 21, 2021
	DWG TITI PR HE FLC	SINAL SEAL:	L ENGINEERS a, Ontario L5J 4S9 2021
1, 2021 9:39:57	DWG STA	DESIGN	
Wednesday, July 21, 2021 9:39:57 AM	DRAWING		REVISION

