## LOUVER SCHEDULE

| TAG | MANUFACTURER | MODEL | DESIGNATION | NOMINAL DIMENSIONS (IN) WIDTH | HEIGHT | DEPTH | FREE AREA (SF) | AIRFLOW (CFM) | VELOCITY (FPM) | MOUNTING HEIGHT (A.F.F.) | WEIGHT (LBS) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L-1 | GREENHECK | EAD-635-216x56 | INTAKE | 216 | 56 | 6 | 48.4 | 40,000 | 827 | 13'-4" | 348 | 2,3 |
| L-2 | GREENHECK | EAD-635-216x56 | INTAKE | 216 | 56 | 6 | 48.4 | 40,000 | 827 | 13'-4" | 348 | 2,3 |
| L-3 | GREENHECK | ESD-635-102X36 | EXHAUST | 102 | 36 | 6 | 14.4 | 9400 | 653 | 17'-2' | 100 | 2,3 |
| L-4 | GREENHECK | ESD-635-102X36 | INTAKE | 102 | 36 | 6 | 14.4 | 6000 | 417 | 17'-2' | 100 | 2,3 |
| L-5 | GREENHECK | ESD-635-140x36 | EXHAUST | 140 | 36 | 6 | 19.7 | 10,200 | 517 | 14'-2" | 111 | 2,3 |
| L-6 | GREENHECK | ESD-403-24X14 | INTAKE | 24 | 14 | 4 | 0.8 | 140 | 176 | 10'-0" | 8 | 2,3 |
| L-7 | GREENHECK | FDS-402-24X14 | EXHAUST | 24 | 14 | 4 | 0.6 | 140 | 251 | 10'-0" | 11 | 2,3 |

NOTES:
1. PROVIDE MOTORIZED DAMPER INTERLOCKED WITH EXHAUST FAN.
2. REFER TO DETAIL 3/M5.1.
3. COLORS AS SELECTED BY ARCHITECT FROM MANUFACTURER'S STANDARD COLOR RANGE

## FAN POWERED VAV SCHEDULE

| TAG | | MANF | MODEL | SIZE | INLET DIA (IN) | AIR FLOW (CFM) FAN FLOW | MAX PRIMARY | MIN PRIMARY | MAX AIR PRESSURE DROP (IN WG) | COIL CAPACITY (MBH) | AIR TEMPERATURE (°F) ENTERING | LEAVING | AIR DISCHARGE NC | WATER PRESSURE DROP (FT WG) | WATER FLOW (GPM) | WATER TEMPERATURE (°F) ENTERING | LEAVING | FAN MOTOR TYPE | HP | VOLTAGE | PHASE | MCA | DIMENSIONS (IN) LENGTH | HEIGHT | WIDTH | WEIGHT (LBS) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FPV | 1-12 | PRICE | FDC | 20 | 8 | 510 | 510 | 160 | 0.04 | 9.60 | 69.00 | 86.20 | - | 0.18 | 1.05 | 140.00 | 121.60 | ECM | 1/3 | 277 | 1 | 3.00 | 51.5 | 18.5 | 26 | 135 | 1,2,3,4 |
| FPV | 1-15 | PRICE | FDC | 30 | 10 | 830 | 830 | 430 | 0.19 | 27.20 | 64.60 | 94.80 | 23 | 1.39 | 2.35 | 140.00 | 116.50 | ECM | 1/2 | 277 | 1 | 4.80 | 51.5 | 18.5 | 26 | 141 | 1,2,3,4,7 |
| FPV | 1-16 | PRICE | FDC | 30 | 8 | 810 | 810 | 430 | 0.19 | 27.2 | 64.80 | 94.8 | 23 | 1.39 | 2.35 | 140.00 | 116.5 | ECM | 1/2 | 277 | 1 | 4.80 | 51.5 | 18.5 | 26 | 141 | 1,2,3,4,7 |
| FPV | 1-17 | PRICE | FDC | 60 | 14 | 2110 | 2110 | 1050 | 0.24 | 72.10 | 65.00 | 96.60 | 28 | 2.36 | 4.31 | 140.00 | 106.10 | ECM | 2@3/4 | 277 | 1 | 12.80 | 65 | 21 | 52 | 272 | 1,2,3,5,7 |
| FPV | 1-22 | PRICE | FDC | 30 | 8 | 830 | 830 | 750 | 0.19 | 17.60 | 68.50 | 88.10 | 24 | 0.27 | 0.94 | 140.00 | 101.90 | ECM | 1/2 | 277 | 1 | 4.80 | 51.5 | 18.5 | 26 | 141 | 1,2,3,4 |
| FPV | 1-23 | PRICE | FDC | 10 | 6 | 380 | 380 | 180 | 0.16 | 9.1 | 67.60 | 89.50 | 20 | 0.06 | 0.51 | 140.00 | 104.30 | ECM | 1/4 | 277 | 1 | 2.90 | 41 | 16 | 20 | 104 | 1,2,3,4 |
| FPV | 1-24 | PRICE | FDC | 30 | 8 | 720 | 720 | 170 | 0.17 | 10.50 | 70.60 | 83.20 | 21 | 0.08 | 0.46 | 140.00 | 93.00 | ECM | 1/2 | 277 | 1 | 4.80 | 46 | 18.5 | 26 | 141 | 1,2,3,4 |
| FPV | 2-1 | PRICE | FDC | 30 | 8 | 880 | 880 | 340 | 0.21 | 17.00 | 67.30 | 85.00 | 24 | 0.22 | 0.83 | 140.00 | 98.50 | ECM | 1/2 | 277 | 1 | 4.80 | 46 | 18.5 | 26 | 141 | 1,2,3,4 |
| FPV | 2-2 | PRICE | FDC | 30 | 10 | 1160 | 1160 | 580 | 0.24 | 40.00 | 65.00 | 96.80 | 26 | 2.33 | 2.78 | 140.00 | 110.80 | ECM | 1/2 | 277 | 1 | 4.80 | 46 | 18.5 | 26 | 147 | 1,2,3,4,7 |
| FPV | 2-3 | PRICE | FDC | 30 | 10 | 1060 | 1060 | 550 | 0.21 | 37.50 | 64.60 | 97.20 | 25 | 1.98 | 2.53 | 140.00 | 110.00 | ECM | 1/2 | 277 | 1 | 4.80 | 46 | 18.5 | 26 | 147 | 1,2,3,4,7 |
| FPV | 2-4 | PRICE | FDC | 30 | 10 | 1060 | 1060 | 550 | 0.21 | 37.70 | 64.60 | 97.40 | 25 | 2.03 | 2.57 | 140.00 | 110.30 | ECM | 1/2 | 277 | 1 | 4.80 | 46 | 18.5 | 26 | 147 | 1,2,3,4,7 |
| FPV | 2-5 | PRICE | FDC | 30 | 10 | 1060 | 1060 | 550 | 0.21 | 37.70 | 64.60 | 97.40 | 25 | 2.03 | 2.57 | 140.00 | 110.30 | ECM | 1/2 | 277 | 1 | 4.80 | 46 | 18.5 | 26 | 147 | 1,2,3,4,7 |
| FPV | 2-6 | PRICE | FDC | 30 | 10 | 1180 | 1180 | 960 | 0.25 | 48.20 | 58.70 | 96.40 | 26 | 4.04 | 3.78 | 140.00 | 114.10 | ECM | 1/2 | 277 | 1 | 4.80 | 46 | 18.5 | 26 | 147 | 1,2,3,4,7 |
| FPV | 2-7 | PRICE | FDC | 30 | 10 | 1150 | 1150 | 450 | 0.3 | 22.40 | 66.70 | 85.70 | 26 | 0.43 | 1.22 | 140.00 | 102.80 | ECM | 1/2 | 277 | 1 | 4.80 | 46 | 18.5 | 26 | 141 | 1,2,3,4 |
| FPV | 2-8 | PRICE | FDC | 60 | 16 | 2230 | 2230 | 1280 | 0.26 | 64.40 | 63.50 | 90.20 | 29 | 1.37 | 3.18 | 140.00 | 98.90 | ECM | 2@3/4 | 277 | 1 | 12.80 | 49 | 21 | 52 | 272 | 1,2,3,6 |
| FPV | 2-9 | PRICE | FDC | 40 | 10 | 1550 | 1550 | 900 | 0.39 | 45.50 | 63.40 | 90.40 | 30 | 2.35 | 2.79 | 140.00 | 107.00 | ECM | 3/4 | 277 | 1 | 7.50 | 46 | 18.5 | 26 | 155 | 1,2,3,4,7 |
| FPV | 2-10 | PRICE | FDC | 60 | 16 | 2350 | 2350 | 1370 | 0.28 | 69.00 | 63.30 | 90.50 | 30 | 1.63 | 3.50 | 140.00 | 100.00 | ECM | 2@3/4 | 277 | 1 | 12.80 | 49 | 21 | 52 | 272 | 1,2,3,6 |
| FPV | 2-11 | PRICE | FDC | 40 | 12 | 1700 | 1700 | 1020 | 0.45 | 51.20 | 63.00 | 90.80 | 33 | 3.39 | 3.42 | 140.00 | 109.70 | ECM | 3/4 | 277 | 1 | 7.50 | 46 | 18.5 | 26 | 155 | 1,2,3,4 |
| FPV | 2-12 | PRICE | FDC | 30 | 10 | 1100 | 1100 | 560 | 0.22 | 38.30 | 64.80 | 96.90 | 26 | 2.05 | 2.59 | 140.00 | 110.10 | ECM | 1/2 | 277 | 1 | 4.80 | 46 | 18.5 | 26 | 147 | 1,2,3,4 |

NOTES:
1. PROVIDE STARTER / DISCONNECT PER DIVISION 26 SPECIFICATIONS.
2. REFER TO DETAIL 1/M5.1.
3. REFER TO 7/M7.4 FOR CONTROLS.
4. ALTERNATE BID: INSTALL ONE (1) BIPOLAR IONIZATION UNIT (iAIRE MODEL ION-0AA00, RATED 2000 CFM/EA). INSTALL UNIT ON DISCHARGE DUCTWORK OF VAV BOX. UNIT TO BE POWERED FROM VAV CONTROL BOX.
5. ALTERNATE BID: INSTALL THREE (3) BIPOLAR IONIZATION UNIT (iAIRE MODEL ION-0AA00, RATED 1000 CFM/EA) FOR BLOCK SERVING KITCHEN. INSTALL UNITS ON DISCHARGE DUCTWORK OF VAV BOX. UNIT TO BE POWERED FROM VAV CONTROL BOX.
6. ALTERNATE BID: INSTALL TWO (2) BIPOLAR IONIZATION UNIT (iAIRE MODEL ION-0AA00, RATED 2000 CFM/EA). INSTALL UNIT ON DISCHARGE DUCTWORK OF VAV BOX. UNIT TO BE POWERED FROM VAV CONTROL BOX.
7. PROVIDE 3-WAY VALVES FOR COILS.

## AIR TERMINAL SCHEDULE

| TAG | MANUFACTURER | MODEL | CFM RANGE | PANEL SIZE (IN) | NECK SIZE (IN) | STYLE | INSTALLATION | FINISH | PRESSURE (IN.) | NC | THROW | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EA-1 | PRICE | 80 SERIES | 0-180 | 8X8 | - | EGG CRATE | CEILING | WHITE POWDER COAT | 0.1 | 21 | - | 4,5 |
| EA-2 | PRICE | 80 SERIES | 180-720 | 16X16 | - | EGG CRATE | CEILING | WHITE POWDER COAT | 0.1 | 25 | - | 4,5 |
| EB-1 | PRICE | 95 SERIES | 0-7500 | 32X32 | - | HEAVY DUTY GYM GRILLE | WALL | WHITE POWDER COAT | 0.2 | 47 | - | 1,4 |
| ES-1 | PRICE | MSRRP | 0-110 | 6X6 | - | MAXIMUM SECURITY | CEILING / WALL | WHITE POWDER COAT | 0.13 | 19 | - | |
| ES-2 | PRICE | MSRRP | 0-225 | 10x10 | - | MAXIMUM SECURITY | CEILING / WALL | BRUSHED ALUMINUM | 0.13 | 21 | - | 1 |
| ES-3 | PRICE | MSRRP | 110-600 | 16x16 | - | MAXIMUM SECURITY | CEILING / WALL | WHITE POWDER COAT | 0.13 | 25 | - | 1 |
| ES-4 | PRICE | MSL | 0-3400 | 24X24 | - | MINIMUM SECURITY | CEILING | WHITE POWDER COAT | 0.27 | 34 | - | - |
| ES-P | - | - | - | - | - | - | - | - | - | - | - | 3 |
| RA-1 | PRICE | 80 SERIES | 0-650 | 12X12 | - | EGG CRATE | CEILING / DUCT | WHITE POWDER COAT | 0.085 | 20 | - | 4,5 |
| RA-2 | PRICE | 80 SERIES | 650-2200 | 22x22 | - | EGG CRATE | CEILING | WHITE POWDER COAT | 0.132 | 25 | - | 4,5 |
| RS-1 | PRICE | MSRRP | 0-200 | 9X9 | - | MAXIMUM SECURITY | CEILING | WHITE POWDER COAT | 0.13 | 23 | - | |
| RS-2 | PRICE | MSL | 0-200 | 8X8 | - | MEDIUM SECURITY | CEILING | WHITE POWDER COAT | 0.07 | 18 | - | - |
| RS-3 | PRICE | MSRRP | 450-800 | 20X20 | - | MAXIMUM SECURITY | CEILING / DUCT / WALL | WHITE POWDER COAT | 0.07 | 19 | - | 1 |
| RS-4 | PRICE | MSRRP | 800-1200 | 24X24 | - | MAXIMUM SECURITY | CEILING / WALL | WHITE POWDER COAT | 0.07 | 20 | - | 1 |
| RS-5 | PRICE | MSL | 0-2400 | 24X24 | - | MINIMUM SECURITY | CEILING | WHITE POWDER COAT | 0.12 | 22 | - | - |
| SA-1 | PRICE | SCD | 0-180 | 24X24 | 6 | SQUARE CONE | CEILING | WHITE POWDER COAT | 0.06 | 15 | 4 | - |
| SA-2 | PRICE | SCD | 180-315 | 24X24 | 8 | SQUARE CONE | CEILING | WHITE POWDER COAT | 0.08 | 22 | 6 | - |
| SB-1 | PRICE | 520 SERIES | 0-360 | 16x8 | - | LOUVERED FACE | WALL / DUCT | WHITE POWDER COAT | 0.062 | 15 | 14 | 1,6 |
| SB-2 | PRICE | 520 SERIES | 360-750 | 14X12 | - | LOUVERED FACE | WALL / DUCT | WHITE POWDER COAT | 0.03 | 24 | 17 | 1,6 |
| SB-3 | PRICE | 520 SERIES | 1000-1900 | 24X24 | - | LOUVERED FACE | CEILING | WHITE POWDER COAT | 0.016 | 19 | 23 | - |
| SL-1 | PRICE | SDS WITH SDA PLENUM | 0-250 | 48" LENGTH | 7 | LINEAR SLOT | CEILING | WHITE POWDER COAT | 0.15 | 27 | 9 H / 4 V | 2 |
| SS-1 | PRICE | MSRRCD | 50-180 | 9X9 | - | MAXIMUM SECURITY | CEILING | WHITE POWDER COAT | 0.18 | 25 | 9 | 7 |
| SS-2 | PRICE | MSRRCD | 400-800 | 18X18 | - | MAXIMUM SECURITY | CEILING | WHITE POWDER COAT | 0.006 | 27 | 17 | 7 |
| SS-3 | PRICE | MSD | 0-800 | 18X18 | - | MAXIMUM SECURITY | CEILING | WHITE POWDER COAT | 0.074 | 28 | 10 | 7 |
| SS-4 | PRICE | MSRRCD | 0-400 | 12X12 | - | MAXIMUM SECURITY | CEILING / WALL | WHITE POWDER COAT | 0.136 | 27 | 23 | 7 |
| SS-P | - | - | - | - | - | - | - | - | - | - | - | 3 |
| TA-1 | PRICE | 80 SERIES | 0-650 | 12X12 | - | EGG CRATE | CEILING | WHITE POWDER COAT | 0.085 | 20 | - | 4,5 |
| TS-1 | PRICE | MSRRP | 0-400 | 12x12 | - | MAXIMUM SECURITY | CEILING / WALL | WHITE POWDER COAT | 0.124 | 26 | - | 1 |
| TS-2 | PRICE | MSRRP | 400-1200 | 24X24 | - | MAXIMUM SECURITY | CEILING | WHITE POWDER COAT | 0.031 | 20 | - | 1 |
| TS-3 | PRICE | MSL | 400-1200 | 18X18 | - | MINIMUM SECURITY | CEILING | WHITE POWDER COAT | 0.083 | 20 | - | - |

NOTES:
1. COLORS AS SELECTED BY ARCHITECT FROM MANUFACTURER'S STANDARD COLOR RANGE FOR WALL MOUNTED AIR TERMINALS.
2. 2 SLOT DIFFUSER WITH 1" SLOT WIDTH. PROVIDE OPTIONAL BUTTERFLY DAMPER WHERE INDICATED ON THE PLANS AND ABOVE INACCESSIBLE CEILINGS TO ALLOW FOR BALANCING AT THE AIR TERMINALS
3. PROVIDED BY PREFABRICATED CELL MANUFACTURER.
4. PROVIDE FRONT OPERATED DAMPER TO ALLOW FOR BALANCING AT THE AIR TERMINALS WHERE INDICATED ON THE PLANS.
5. PROVIDE 45 DEGREE DEFLECTION.
6. PROVIDE 45° DEFLECTION, 3/4" BLADE SPACING
7. REFER TO PLANS FOR THROW DIRECTIONS ON THE AIR TERMINALS.

## SHUT-OFF VAV SCHEDULE

| TAG | | MANUFACTURER | MODEL | SIZE | AIRFLOW (CFM) MAX PRIMARY | MIN PRIMARY | REHEAT | MAX AIR PRESSURE DROP (IN. WG) | COIL CAPACITY (MBH) | AIR TEMPERATURE (°F) ENTERING | LEAVING | WATER PRESSURE DROP (FT WG) | WATER FLOW (GPM) | WATER TEMPERATURE (°F) ENTERING | LEAVING | COIL ROWS | NC | DIMENSIONS (IN) LENGTH | WIDTH | HEIGHT | WEIGHT (LBS) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VAV | 1-1 | PRICE | SDV5 | 8 | 570 | 370 | 370 | 0.32 | 15.40 | 55 | 93.30 | 0.43 | 1.57 | 140.00 | 120.20 | 2 | 22 | 26 | 12 | 10 | 24 | 1,2 |
| VAV | 1-2 | PRICE | SDV5 | 10 | 980 | 480 | 480 | 0.43 | 20.5 | 55 | 94.30 | 0.79 | 1.92 | 140.00 | 118.40 | 2 | - | 26 | 14 | 12.5 | 30 | 1,2 |
| VAV | 1-3 | PRICE | SDV5 | 8 | 500 | 260 | 260 | 0.26 | 10.80 | 55 | 93.10 | 0.12 | 0.77 | 140.00 | 111.80 | 2 | 21 | 26 | 12 | 10 | 24 | 1,2 |
| VAV | 1-4 | PRICE | SDV5 | 8 | 440 | 150 | 150 | 0.21 | 6.00 | 55 | 91.20 | 0.02 | 0.31 | 140.00 | 101.20 | 2 | 20 | 26 | 12 | 10 | 24 | 1,2 |
| VAV | 1-5 | PRICE | SDV5 | 8 | 480 | 260 | 260 | 0.24 | 8.70 | 55 | 92.60 | 0.06 | 0.53 | 140.00 | 107.20 | 2 | 21 | 26 | 12 | 10 | 24 | 1,2 |
| VAV | 1-6 | PRICE | SDV5 | 6 | 180 | 110 | 110 | 0.09 | 4.50 | 55 | 91.70 | 0.01 | 0.23 | 140.00 | 101.90 | 2 | 23 | 26 | 12 | 8 | 20 | 1,2 |
| VAV | 1-7 | PRICE | SDV5 | 6 | 420 | 220 | 220 | 0.41 | 9.10 | 55 | 92.70 | 0.08 | 0.72 | 140.00 | 114.50 | 2 | 28 | 21 | 12 | 8 | 12 | 1,2 |
| VAV | 1-8 | PRICE | SDV5 | 6 | 390 | 280 | 280 | 0.36 | 7.90 | 55 | 93.00 | 0.06 | 0.57 | 140.00 | 112.00 | 2 | 27 | 26 | 12 | 8 | 20. | 1,2 |
| VAV | 1-9 | PRICE | SDV5 | 10 | 1020 | 500 | 500 | 0.45 | 21.30 | 55 | 94.20 | 0.91 | 2.08 | 140.00 | 119.30 | 2 | - | 26 | 14 | 12.5 | 30 | 1,2 |
| VAV | 1-10 | PRICE | SDV5 | 10 | 800 | 420 | 420 | 0.31 | 17.70 | 55 | 93.70 | 0.44 | 1.39 | 140.00 | 114.30 | 2 | - | 26 | 14 | 12.5 | 30 | 1,2 |
| VAV | 1-11 | PRICE | SDV5 | 8 | 470 | 200 | 200 | 0.23 | 5.50 | 55 | 93.40 | 0.02 | 0.29 | 140.00 | 102.10 | 2 | 20 | 26 | 12 | 10 | 24 | 1,2 |
| VAV | 1-13 | PRICE | SDV5 | 4 | 130 | 80 | 80 | 0.03 | 3.30 | 55 | 91.90 | 0.41 | 0.84 | 140.00 | 132.20 | 1 | 30 | 28 | 12 | 8 | 19 | 1,2 |
| VAV | 1-14 | PRICE | SDV5 | 4 | 170 | 80 | 80 | 0.03 | 3.00 | 55 | 88.40 | 0.14 | 0.46 | 140.00 | 127.40 | 1 | 25 | 28 | 12 | 8 | 19 | 1,2 |
| VAV | 1-18 | PRICE | SDV5 | 6 | 250 | 210 | 210 | 0.12 | 7.70 | 55 | 91.80 | 0.05 | 0.51 | 140.00 | 110.00 | 2 | 25 | 26 | 12 | 8 | 20 | 1,2 |
| VAV | 1-19 | PRICE | SDV5 | 6 | 310 | 310 | 310 | 0.24 | 6.50 | 55 | 92.10 | 0.03 | 0.40 | 140.00 | 107.40 | 2 | 25 | 26 | 12 | 8 | 20 | 1,2 |
| VAV | 1-20 | PRICE | SDV5 | 6 | 360 | 330 | 330 | 0.27 | 7.50 | 55 | 92.90 | 0.05 | 0.51 | 140.00 | 110.70 | 2 | 26 | 26 | 12 | 8 | 20 | 1,2 |
| VAV | 1-21 | PRICE | SDV5 | 6 | 320 | 120 | 120 | 0.25 | 6.90 | 55 | 107.30 | 0.13 | 0.94 | 140.00 | 125.30 | 2 | 25 | 26 | 12 | 8 | 20 | 1,2 |
| VAV | 1-25 | PRICE | SDV5 | 12 | 1300 | 650 | 650 | 0.41 | 27.40 | 55.00 | 93.80 | 1.41 | 2.37 | 140.00 | 116.60 | 2 | - | 26 | 16 | 15 | 37 | 1,2 |
| VAV | 2-13 | PRICE | SDV5 | 6 | 430 | 240 | 240 | 0.29 | 10.00 | 55.00 | 93.10 | 0.12 | 0.88 | 140.00 | 117.20 | 2 | 26 | 26 | 12 | 8 | 20 | 1,2,3 |
| VAV | 2-14 | PRICE | SDV5 | 10 | 780 | 590 | 590 | 0.3 | 24.90 | 55.00 | 93.80 | 1.79 | 3.04 | 140.00 | 123.40 | 2 | - | 26 | 14 | 12.5 | 30 | 1,2,3 |

NOTES:
1. REFER TO DETAIL 1/M5.1.
2. REFER TO 1/M7.4 FOR CONTROLS.
3. ALTERNATE BID: INSTALL ONE (1) BIPOLAR IONIZATION UNIT (iAIRE MODEL ION-0AA00, RATED 2000 CFM/EA). INSTALL UNIT ON DISCHARGE DUCTWORK OF VAV BOX. UNIT TO BE POWERED FROM VAV CONTROL BOX.

## FAN COIL UNIT SCHEDULE

| TAG | | MANUFACTURER | MODEL | AREA SERVED | TYPE | CFM | TSP (IN H20) | FILTER | COOLING COIL CAPACITY (MBH) TOTAL | SENSIBLE | ENTERING AIR TEMP (°F) DRY BULB | WET BULB | LEAVING AIR TEMP (°F) DRY BULB | WET BULB | ROW QUANTITY | WATER TEMPERATURE (°F) ENTERING | LEAVING | WATER FLOW (GPM) | MAX WATER PRESSURE DROP (FT WG) | HEATING COIL CAPACITY (MBH) | AIR TEMPERATURE (°F) ENTERING | LEAVING | ROW QUANTITY | WATER TEMPERATURE (°F) ENTERING | LEAVING | WATER FLOW (GPM) | MAX WATER PRESSURE DROP (FT WG) | ELECTRICAL DATA VOLTAGE | PHASE | FREQUENCY (HZ) | FLA | MCA | FUSE (AMP) | EXTERNAL DIMENSIONS (IN) LENGTH (IN) | WIDTH (IN) | HEIGHT (IN) | WEIGHT (LBS) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FCU | 1 | TRANE | FCHB120 | VESTIBULE | VERTICAL (RECESSED) | 1200 | 0.5 | 1" THROW AWAY | 26.62 | 24.38 | 76 | 64 | 57.34 | 56.63 | 3 | 44 | 58 | 3.79 | 4.20 | 22.12 | 70 | 87 | 1 | 140 | 100 | 1.11 | 7.12 | 115 | 1 | 60 | 4.9 | 6.07 | 15 | 78 | 10 | 30 | 253 | 1,2,3,4,5 |
| FCU | 2 | TRANE | FCD*080 | MECHANICAL ROOM | HORIZONTAL | 659 | 0.4 | 1" THROW AWAY | 16.09 | 12.81 | 80 | 67 | 59.68 | 58.41 | 3 | 44 | 58 | 2.35 | 2.57 | 13.02 | 60 | 80.57 | 1 | 140 | 120 | 1.3 | 0.68 | 115 | 1 | 60 | 3.1 | 3.88 | 15 | 56 | 26 | 10 | 164 | 1,2,3,4 |
| FCU | 3 | TRANE | FCD*080 | MECHANICAL ROOM | HORIZONTAL | 659 | 0.4 | 1" THROW AWAY | 16.09 | 12.81 | 80 | 67 | 59.68 | 58.41 | 3 | 44 | 58 | 2.35 | 2.57 | 13.02 | 60 | 80.57 | 1 | 140 | 120 | 1.3 | 0.68 | 115 | 1 | 60 | 3.1 | 3.88 | 15 | 56 | 26 | 10 | 164 | 1,2,3,4 |
| FCU | 4 | TRANE | FCB*080 | INTERIOR CHASE | FLOOR | 438 | 0.4 | 1" THROW AWAY | 7.02 | 7.02 | 80 | 67 | 63.94 | 62.07 | 2 | 44 | 58 | 1.01 | 0.43 | 11.36 | 60 | 84.29 | 1 | 140 | 100 | 0.57 | 0.54 | 115 | 1 | 60 | 3.1 | 3.88 | 15 | 56.25 | 9.875 | 25.188 | 164 | 1,2,3 |
| FCU | 5 | TRANE | FCB*080 | EXTERIOR CHASE | FLOOR | 438 | 0.4 | 1" THROW AWAY | 7.02 | 7.02 | 80 | 67 | 63.94 | 62.07 | 2 | 44 | 58 | 1.01 | 0.43 | 11.36 | 60 | 84.29 | 1 | 140 | 100 | 0.57 | 0.54 | 115 | 1 | 60 | 3.1 | 3.88 | 15 | 56.25 | 9.875 | 25.188 | 164 | 1,2,3 |
| FCU | 6 | TRANE | FCB*080 | EXTERIOR CHASE | FLOOR | 438 | 0.4 | 1" THROW AWAY | 7.02 | 7.02 | 80 | 67 | 63.94 | 62.07 | 2 | 44 | 58 | 1.01 | 0.43 | 11.36 | 60 | 84.29 | 1 | 140 | 100 | 0.57 | 0.54 | 115 | 1 | 60 | 3.1 | 3.88 | 15 | 56.25 | 9.875 | 25.188 | 164 | 1,2,3 |
| FCU | 7 | TRANE | FCB*080 | EXTERIOR CHASE | FLOOR | 438 | 0.4 | 1" THROW AWAY | 7.02 | 7.02 | 80 | 67 | 63.94 | 62.07 | 2 | 44 | 58 | 1.01 | 0.43 | 11.36 | 60 | 84.29 | 1 | 140 | 100 | 0.57 | 0.54 | 115 | 1 | 60 | 3.1 | 3.88 | 15 | 56.25 | 9.875 | 25.188 | 164 | 1,2,3 |
| FCU | 8 | TRANE | FCB*080 | EXTERIOR CHASE | FLOOR | 438 | 0.4 | 1" THROW AWAY | 7.02 | 7.02 | 80 | 67 | 63.94 | 62.07 | 2 | 44 | 58 | 1.01 | 0.43 | 11.36 | 60 | 84.29 | 1 | 140 | 100 | 0.57 | 0.54 | 115 | 1 | 60 | 3.1 | 3.88 | 15 | 56.25 | 9.875 | 25.188 | 164 | 1,2,3 |
| FCU | 9 | TRANE | FCB*080 | INTERIOR CHASE | FLOOR | 438 | 0.4 | 1" THROW AWAY | 7.02 | 7.02 | 80 | 67 | 63.94 | 62.07 | 2 | 44 | 58 | 1.01 | 0.43 | 11.36 | 60 | 84.29 | 1 | 140 | 100 | 0.57 | 0.54 | 115 | 1 | 60 | 3.1 | 3.88 | 15 | 56.25 | 9.875 | 25.188 | 164 | 1,2,3 |

NOTES:
1. PROVIDE STARTER / DISCONNECT PER DIVISION 26 SPECIFICATIONS.
2. REFER TO DETAIL 5/M5.1.
3. REFER TO 2/M7.3 FOR CONTROLS.
4. PROVIDE CONDENSATE PUMP.
5. PROVIDE FRONT STAMPED LOUVER INLET AND OUTLET.

## ELECTRIC DUCT HEATER SCHEDULE

| TAG | | MANUFACTURER | TYPE | EQUIPMENT SERVED | CFM | DESIGN AMBIENT TEMP (F) | TEMP RISE (F) | ELECTRICAL DATA VOLT / PH. | MCA | MOCP | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|
| EDH | 1 | THERMOLEC | SC | ERV-1 | 140 | -3 | 40 | 208 / 1 | 14.43 | 20 | 1,2,3 |

NOTES:
1. PROVIDE STARTER / DISCONNECT PER DIVISION 26 SPECIFICATIONS.
2. REFER TO DETAIL 7/ M5.2.
3. REFER TO CONTROL SCHEMATIC 2/M7.1.

## DEDICATED OUTDOOR AIR SYSTEM SCHEDULE

| TAG | | MANF | MODEL | SIZE | SERVING | OUTSIDE AIR CFM | ESP (IN H2O) | WEIGHT (LBS.) | COOLING GROSS TOTAL CAPACITY (MBH) | GROSS SENSIBLE CAPACITY (MBH) | NET TOTAL CAPACITY | NET SENSIBLE CAPACITY | ENTERING AIR TEMPERATURE DB | WB | LEAVING AIR TEMPERATURE DB | WB | HEATING FUEL TYPE | INPUT (MBH) | OUTPUT (MBH) | LEAVING AIR TEMPERATURE DB | WB | ELECTRICAL DATA FAN HP | VOLT | PHASE | HZ | MCA | FLA | MFS | DIMENSIONS LENGTH | WIDTH | HEIGHT | WEIGHT (LBS) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DOAS | 1 | TRANE | HORIZON | OABD - B036 | ELECTRICAL | 150 | 1 | 2901 | 40.2 | 21.8 | 39.7 | 21.3 | 93 °F | 76 °F | 52.9 °F | 51.9 °F | NATURAL GAS | 50 | 40 | 82.8 °F | 63.3 °F | 6 | 460 | 3 | 60 | 18 | 16.3 | 25 | 119 | 52 | 55 | 1305 | 1,2,3,4,5,6 |

NOTES:
1. PROVIDE STARTER / DISCONNECT PER DIVISION 26 SPECIFICATIONS.
2. MANUFACTURER PROVIDED COMBINATION OUTDOOR AIR SENSOR.
3. MANUFACTURER PROVIDED SMOKE DETECTOR.
4. MANUFACTURER PROVIDED NON-FUSED DISCONNECT SWITCH WITH 115 VOLT OUTLET.
5. MANUFACTURER PROVIDED CONDENSER HAIL GUARD.
6. PROVIDE REMOTE LOCATED DIGITAL DISPLAY PROGRAMMABLE CONTROLLER INTERFACED WITH DDC SYSTEM.

## LAUNDRY MAKE UP AIR UNIT

| TAG | | MANF. | MODEL | SERVING | AIR FLOW DATA CFM | E.S.P. | AIR TEMPERATURE (°F) ENTERING | LEAVING | GAS DATA FUEL TYPE | GAS INPUT (MBH) | GAS OUTPUT (MBH) | MAX GAS PRESSURE (IN WC) | GAS INLET CONNECTION (IN) | ELECTRICAL DATA VOLTAGE | PHASE | HP | DIMENSIONS (IN) LENGTH | WIDTH | HEIGHT | WEIGHT (LBS) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LMAU | 1 | TRANE | GGAA15PFHF0N6BN301A | LAUNDRY | 1800 | 1 | -3 | 55 | NATURAL GAS | 150 | 120 | 0.75 | 3/4" | 460 | 3 | 2 | 78 | 33 | 51 | 566 | 1,2 |
| LMAU | 2 | TRANE | GGAA15PFHF0N6BN301A | LAUNDRY | 1800 | 1 | -3 | 55 | NATURAL GAS | 150 | 120 | 0.75 | 3/4" | 460 | 3 | 2 | 78 | 33 | 51 | 566 | 1,2 |

NOTES:
1. PROVIDE STARTER (VFD) / DISCONNECT PER DIVISION 26 SPECIFICATIONS.
2. INTERLOCK WITH DRYERS. REFER TO CONTROLS SCHEMATIC 4/M7.1.

## HEAT PUMP INDOOR UNIT SCHEDULE

| TAG | | MANUFACTURER | MODEL | CFM | MINIMUM OA (CFM) | COOLING CAPACITY (MBH) TOTAL | LAT (F) | HEATING CAPACITY (MBH) | LAT (F) | ELECTRICAL VOLT / PH. | MCA | FUSE AMPS | WEIGHT (LBS.) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HPI | 1 | TRANE / MITSUBISHI | TPLFYP012FM140A | 335 | 60 | 12 | 54.4 | 13.5 | 90 | 208 / 1 | 0.29 | 15 | 36.3 | 1,2,3,4,5 |
| HPI | 2 | TRANE / MITSUBISHI | TPLFYP012FM140A | 335 | 60 | 12 | 54.4 | 13.5 | 90 | 208 / 1 | 0.29 | 15 | 36.3 | 1,2,3,4,5 |
| HPI | 3 | TRANE / MITSUBISHI | TPLFYP012FM140A | 335 | 20 | 12 | 54.4 | 13.5 | 90 | 208 / 1 | 0.29 | 15 | 36.3 | 1,2,3,4,5 |
| HPI | 4 | TRANE / MITSUBISHI | TPKFYP024KM142A | 920 | - | 24 | 59.2 | 15.3 | 84.1 | 208 / 1 | 0.63 | 15 | 46 | 1,2,3,4,5 |

NOTES:
1. PROVIDE THERMOSTAT WITH EACH INDOOR UNIT.
2. PROVIDE CONDENSATE PUMP.
3. PROVIDE SINGLE CENTRAL CONTROLLER.
4. PROVIDE OUTSIDE AIR CONSTANT FLOW REGULATOR SIMILAR TO ALDES CAR3-L-4-R4.
5. REFER TO DETAIL 10/M5.2.

## EXPANSION TANK SCHEDULE

| TAG | | MANUFACTURER | MODEL | SYSTEM SERVED | TANK FILL TEMPERATURE | TANK MAX. TEMPERATURE | TANK FILL PRESSURE (PSI) | TANK MAX PRESSURE (PSI) | REQUIRED TANK VOLUME (GAL) | REQUIRED ACCEPTANCE VOLUME (GAL) | TANK ORIENTATION | TANK TYPE | WEIGHT (LBS) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ET | 1 | BELL & GOSSETT | D-60 | CHILLED WATER | 40 °F | 160 °F | 12 | 125 | 22.77 | 10.6 | HORIZONTAL | DIAPHRAGM | 103 | 1,2 |
| ET | 2 | BELL & GOSSETT | D-80 | HEATED HOT WATER | 40 °F | 160 °F | 12 | 125 | 42.92 | 19.97 | HORIZONTAL | DIAPHRAGM | 145 | 1,2 |

NOTES:
1. TANK TO BE ASME RATED.
2. REFER TO DETAIL 1/M5.3 AND 2/M5.3.

## ENERGY RECOVERY VENTILATOR UNIT SCHEDULE

| TAG | | MANUFACTURER | MODEL | TYPE | AIR FLOW CFM | ESP | ENTHALPY COOLING % | ENTHALPY HEATING % | ELECTRICAL DATA VOLT / PH. | MOCP | DIMENSIONS (IN) HEIGHT | WIDTH | DEPTH | WEIGHT (LBS.) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ERV | 1 | TRANE / MITSUBISHI | TLGHF0300RVX01A | ERV | 140 | 0.5 | 58 | 74 | 208 / 1 | 15 | 14 | 42 | 42 | 75 | 1,2,3,4,5 |

NOTES:
1. PROVIDE STARTER / DISCONNECT PER DIVISION 26 SPECIFICATIONS.
2. UNIT SHALL BE PROVIDED WITH FIELD INSTALLED LOCAL CONTROLS.
3. SEE DUCT HEATER SCHEDULE. HEATER TO BE PROVIDED AT OUTSIDE AIR INTAKE.
4. REFER TO DETAIL 7/M5.2.
5. REFER TO CONTROL SCHEMATIC 2/M7.1.

## AIR SEPARATOR SCHEDULE

| TAG | | MANUFACTURER | MODEL | FLOW (GPM) | MAX PRESSURE DROP (FT WG) | SYSTEM SERVED | WEIGHT (LBS) | NOTES |
|---|---|---|---|---|---|---|---|---|
| AS | 1 | BELL & GOSSETT | CRS-6F | 550 | 1.27 | CHILLED WATER | 499 | 1,2 |
| AS | 2 | BELL & GOSSETT | CRS-4F | 245 | 0.42 | HEATED HOT WATER | 209 | 1,2 |

NOTES:
1. COALESCING, STANDARD VELOCITY, REMOVABLE MEDIUM.
2. REFER TO DETAIL 1/M5.3 AND 2/M5.3.

DLZ
ARCHITECTURE • ENGINEERING • PLANNING
SURVEYING • CONSTRUCTION SERVICES
DLZ INDIANA, LLC

| NO. | REVISION | DATE |
|---|---|---|

DRAWN: SSB CHK'D: ESA
DESIGNED: SSB
APPRV'D: JRA
DATE: DECEMBER 20, 2021
PROJECT NUMBER 2063-1048-90

# SULLIVAN COUNTY SHERIFF'S OFFICE AND CORRECTIONAL FACILITY

2357 NORTH SECTION STREET SULLIVAN, INDIANA 47882

MECHANICAL EQUIPMENT SCHEDULES - II

DRAWING NUMBER
M6.2
MECHANICAL

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