

SHEET NOTES

1 ALL EQUIPMENT INDICATED IN SCHEDULES ARE BASIS OF DESIGN OR EQUAL.

| ROOFTOP UNIT SCHEDULE (PART 1 OF 2) |            |          |        |              |           |                 |           |             |           |           |            |           |     |                 |       |       |           |           |            |           |      |                   |       |       |           |              |            |          |          |            |          |    |          |    |                 |             |      |                  |
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| UNIT DATA                           |            |          |        |              |           | SUPPLY FAN DATA |           |             |           |           |            |           |     | RETURN FAN DATA |       |       |           |           |            |           |      | COOLING COIL DATA |       |       |           |              |            |          |          |            |          |    |          |    |                 |             |      |                  |
| TAG                                 | VA ACC TAG | FUNCTION | TYPE   | MANUFACTURER | MODEL     | WEIGHT (LBS.)   | TOTAL CFM | MIN. OA CFM | ESP IN WG | TSP IN WG | WHEEL TYPE | # OF FANS | HP  | BHP             | VOLTS | PHASE | ESP IN WG | TSP IN WG | WHEEL TYPE | # OF FANS | HP   | BHP               | VOLTS | PHASE | TOTAL MBH | SENSIBLE MBH | FLOW (GPM) | EWT (°F) | LWT (°F) | WPD FT HD. | EAT (°F) |    | LAT (°F) |    | FACE VEL. (FPM) | APD (IN WG) | ROWS | MAX FINS PER FT. |
| RTU1                                | PACAHU2    | ADDITION | CUSTOM | JCI          | YCO-84X84 | 26500           | 13000     | 4700        | 2.50      | 5.93      | ALUMINUM   | 4         | 7.5 | 4.93            | 460   | 3     | 1.00      | 2.21      | ALUMINUM   | 4         | 3.00 | 2.01              | 460   | 3     | 678.0     | 465.0        | 113        | 44       | 56       | 17.00      | DB       | WB | DB       | WB | 400             | 0.10        | 6    | 144              |

| ROOFTOP UNIT SCHEDULE (PART 2 OF 2) |            |             |       |            |          |          |            |          |          |             |      |              |             |                |                       |                     |                |                       |                 |                |                       |     |              |             |                |                 |                 |                   |                          |             |       |    |       |       |         |
|-------------------------------------|------------|-------------|-------|------------|----------|----------|------------|----------|----------|-------------|------|--------------|-------------|----------------|-----------------------|---------------------|----------------|-----------------------|-----------------|----------------|-----------------------|-----|--------------|-------------|----------------|-----------------|-----------------|-------------------|--------------------------|-------------|-------|----|-------|-------|---------|
| HEATING COIL DATA                   |            |             |       |            |          |          |            |          |          |             |      |              | FILTER DATA |                |                       |                     |                |                       | HUMIDIFIER DATA |                |                       |     |              |             |                |                 |                 |                   |                          |             |       |    |       |       |         |
| TAG                                 | VA ACC TAG | HEATING CFM | MBH   | FLOW (GPM) | EWT (°F) | LWT (°F) | WPD FT HD. | EAT (°F) | LAT (°F) | APD (IN WG) | ROWS | FINS PER FT. | PRE-FILTERS |                |                       | FILTER DATA FILTERS |                |                       | FINAL FILTERS   |                |                       | TAG | MANUFACTURER | MODEL       | DESIRED RH (%) | DESIRED DB (°F) | TYPE            | CAPACITY (LBS/HR) | ABSORPTION DISTANCE (IN) | STEAM (PSI) | MIN % | KW | VOLTS | PHASE | REMARKS |
|                                     |            |             |       |            |          |          |            |          |          |             |      |              | MERV        | CLEAN PD IN WG | DIRTY ALLOWANCE IN WG | MERV                | CLEAN PD IN WG | DIRTY ALLOWANCE IN WG | MERV            | CLEAN PD IN WG | DIRTY ALLOWANCE IN WG |     |              |             |                |                 |                 |                   |                          |             |       |    |       |       |         |
| RTU1                                | PACAHU2    | 10400       | 200.0 | 20         | 180      | 160      | 12.00      | 32       | 50       | 0.10        | 1    | 132          | 8           | 0.32           | 0.64                  | 11                  | 0.44           | 0.88                  | 14              | 0.68           | 1.36                  | H1  | NORTEC       | NH-E1-1/100 | 30             | 55              | ELECTRODE STEAM | 100               | 6"                       | 5           | 20    | 34 | 460   | 3     |         |

| AIR COOLED CHILLER SCHEDULE |            |               |              |           |               |              |                               |      |       |                 |        |                      |                          |                             |            |                                   |                      |             |                 |          |          |            |                |        |                      |       |       |              |  |
|-----------------------------|------------|---------------|--------------|-----------|---------------|--------------|-------------------------------|------|-------|-----------------|--------|----------------------|--------------------------|-----------------------------|------------|-----------------------------------|----------------------|-------------|-----------------|----------|----------|------------|----------------|--------|----------------------|-------|-------|--------------|--|
| TAG                         | VA ACC TAG | LOCATION      | MANUFACTURER | MODEL     | WEIGHT (LBS.) | # OF MODULES | UNIT DATA                     |      |       |                 |        | CONDENSING UNIT DATA |                          |                             |            |                                   |                      |             | EVAPORATOR DATA |          |          |            |                |        | UNIT ELECTRICAL DATA |       |       |              | REMARKS  |
|                             |            |               |              |           |               |              | TOTAL NOMINAL CAPACITY (TONS) | EER  | NPLV  | DIMENSIONS      | WEIGHT | REFRIG. TYPE         | # OF CIRCUITS PER MODULE | COMPRESSORS                 |            | CONDENSER                         |                      | # OF PASSES | GPM             | EWT (°F) | LWT (°F) | WPD FT HD. | FOULING FACTOR | MCA    | MOCP                 | VOLTS | PHASE |              |  |
|                             |            |               |              |           |               |              |                               |      |       |                 |        |                      |                          | # OF COMPRESSORS PER MODULE | COMP. TYPE | SOUND POWER LEVEL (dba) @AHRI 370 | # OF FANS PER MODULE |             |                 |          |          |            |                |        |                      |       |       | AMBIENT (°F) |  |
|                             |            |               |              |           |               |              |                               |      |       |                 |        |                      |                          |                             |            |                                   |                      |             |                 |          |          |            |                |        |                      |       |       |              |  |
| CH1                         | ACH3       | ADDITION ROOF | MULTI STACK  | 2) ASP060 | 8720          | 2            | 120.0                         | 10.2 | 0.727 | 168"Lx72"Wx96"H | 8720   | R-410A               | 2                        | 2                           | SCROLL     | 72                                | 2                    | 105         | 1               | 236 GPM  | 44       | 56         | 8.65           | 0.0001 | 254                  | 350   | 460   | 3            | (1) 60-TON MODULE IS N+1 DESIGN CURRENTLY. REDUNDANT MODULE PROVIDES FOR FUTURE EXPANSION. |

| PUMP SCHEDULE |            |                       |                  |            |             |               |              |        |          |                   |                     |                        |      |            |      |       |       |           |                                 |  |
|---------------|------------|-----------------------|------------------|------------|-------------|---------------|--------------|--------|----------|-------------------|---------------------|------------------------|------|------------|------|-------|-------|-----------|---------------------------------|--|
| TAG           | VA ACC TAG | FUNCTION              | MANUFACTURER     | MODEL      | TYPE        | GPM (CURRENT) | GPM (FUTURE) | FT HD. | EFF. (%) | SUCTION SIZE (IN) | DISCHARGE SIZE (IN) | IMPELLER DIAMETER (IN) | RPM  | MOTOR DATA |      |       |       |           | REMARKS                         |  |
|               |            |                       |                  |            |             |               |              |        |          |                   |                     |                        |      | HP         | BHP  | VOLTS | PHASE | CV OR VFD |                                 |  |
| CHP1          | CHWP5      | CHILLED WATER         | BELL AND GOSSETT | E-1510 2EB | END SUCTION | 120           | 240          | 85.00  | 72       | 3"                | 2"                  | 10.00                  | 1750 | 10.00      | 7.10 | 460 V | 3     | VFD       | PUMPS SIZED TO MEET FUTURE LOAD |  |
| CHP2          | CHWP6      | CHILLED WATER         | BELL AND GOSSETT | E-1510 2EB | END SUCTION | 120           | 240          | 85.00  | 72       | 3"                | 2"                  | 10.00                  | 1750 | 10.00      | 7.10 | 460 V | 3     | VFD       | PUMPS SIZED TO MEET FUTURE LOAD |  |
| HWP1          | RCHWP1     | PREHEAT RECIRCULATION | BELL AND GOSSETT | E-90 1.5AB | INLINE      | 20            |              | 40.00  | 45       | 1 1/2"            | 1 1/2"              | 6.00                   | 1725 | 1.50       | 0.51 | 208 V | 3     | CV        |                                 |  |

| CRAC UNIT SCHEDULE |            |              |              |                 |          |     |                                     |        |        |        |           |           |                                 |             |                          |                 |                 |      |     |   |
|--------------------|------------|--------------|--------------|-----------------|----------|-----|-------------------------------------|--------|--------|--------|-----------|-----------|---------------------------------|-------------|--------------------------|-----------------|-----------------|------|-----|---|
| TAG                | VA ACC TAG | MANUFACTURER | MODEL        | FUNCTION        | FAN DATA |     | DX COOLING COIL DATA (@ 95°F OA DB) |        |        |        |           |           | HEATING COIL DATA (@ 8°F OA DB) |             | HUMIDIFIER DATA (50% RH) |                 | ELECTRICAL DATA |      |     |   |
|                    |            |              |              |                 |          |     | EAT DB                              | EAT WB | LAT DB | LAT WB | TOTAL MBH | SENS. MBH | TOTAL KW                        | # OF STAGES | TYPE                     | CAPACITY (#/HR) |                 |      |     |   |
|                    |            |              |              |                 | CFM      | HP  | (°F)                                | (°F)   | (°F)   | (°F)   |           |           |                                 |             |                          |                 |                 |      |     |   |
| CRAC1              | ITAC12     | LIEBERT      | MMD36E7AHEDA | TELCOM ROOM     | 1250     | 0.5 | 75 °F                               | 61 °F  | 55 °F  | 52 °F  | 32.5      | 28.4      | 7.0                             | 1.0         |                          | 8               | 12.0            | 20.0 | 460 | 3 |
| CRAC2              | ECAC1      | LIEBERT      | MMD18E7A00DA | ELECTRICAL ROOM | 650      | 0.5 | 80 °F                               | 63 °F  | 57 °F  | 54 °F  | 19.3      | 18.3      | 0.0                             | 0.0         |                          | 0               | 1.4             | 15.0 | 460 | 3 |

| AIR COOLED CONDENSING UNIT SCHEDULE |            |              |             |             |             |      |             |            |                      |                 |      |       |       |         |  |  |
|-------------------------------------|------------|--------------|-------------|-------------|-------------|------|-------------|------------|----------------------|-----------------|------|-------|-------|---------|--|--|
| TAG                                 | VA ACC TAG | MANUFACTURER | MODEL       | AMBIENT     |             | CFM  | REFRIGERANT | COMPRESSOR | HEAT REJECTION (MBH) | ELECTRICAL DATA |      |       |       | REMARKS |  |  |
|                                     |            |              |             | SUMMER (°F) | WINTER (°F) |      |             |            |                      | MCA             | MOCP | VOLTS | PHASE |         |  |  |
| ACCU1                               | ITAC12     | LIEBERT      | PFH037A-AL7 | 95          | -30         | 3083 | R407C       | SCROLL     | 43.2                 | 7.1             | 20   | 460   | 3     |         |  |  |
| ACCU2                               | ECAC1      | LIEBERT      | PFH020A-AL7 | 95          | -30         | 1550 | R407C       | SCROLL     | 21.6                 | 3.6             | 15   | 460   | 3     |         |  |  |

| TERMINAL BOX SCHEDULE |              |        |                |           |         |                             |                       |            |             |      |     |          |          |         |                       |   |     |  |               |                  |
|-----------------------|--------------|--------|----------------|-----------|---------|-----------------------------|-----------------------|------------|-------------|------|-----|----------|----------|---------|-----------------------|---|-----|--|---------------|------------------|
| TAG                   | MANUFACTURER | MODEL  | NECK SIZE (IN) | UNIT DATA |         |                             |                       |            | REHEAT COIL |      |     |          |          |         |                       |   |     |  | MIN # OF ROWS | SOUND ATTENUATOR |
|                       |              |        |                | MIN CFM   | MAX CFM | MAX DISCH. NC LEVEL @ 2" ΔT | MAX S.P. DROP W/ COIL | REHEAT CFM | MBH         | GPM  | EWT | WATER ΔT | EAT (°F) | LAT(°F) | MAX COIL PD (FT HEAD) |   |     |  |               |                  |
| TB01                  | JCI          | TSS-WC | 6              | 215       | 285     | 26                          | 0.3                   | 285        | 16.1        | 1.07 | 180 | 30       | 53       | 105     | 0.1                   | 2 | NO  |  |               |                  |
| TB02                  | JCI          | TSS-WC | 6              | 250       | 300     | 26                          | 0.3                   | 250        | 11.4        | 0.76 | 180 | 30       | 53       | 95      | 0.1                   | 2 | NO  |  |               |                  |
| TB03                  | JCI          | TSS-WC | 8              | 405       | 405     | 30                          | 0.3                   | 405        | 22.9        | 1.53 | 180 | 30       | 53       | 105     | 0.3                   | 2 | NO  |  |               |                  |
| TB04                  | JCI          | TSS-WC | 8              | 500       | 500     | 30                          | 0.3                   | 500        | 22.8        | 1.52 | 180 | 30       | 53       | 95      | 0.3                   | 2 | NO  |  |               |                  |
| TB05                  | JCI          | TSS-WC | 8              | 375       | 600     | 30                          | 0.3                   | 375        | 21.2        | 1.41 | 180 | 30       | 53       | 105     | 0.3                   | 2 | NO  |  |               |                  |
| TB06                  | JCI          | TSS-WC | 8              | 350       | 405     | 30                          | 0.3                   | 405        | 22.9        | 1.53 | 180 | 30       | 53       | 105     | 0.3                   | 2 | NO  |  |               |                  |
| TB07                  | JCI          | TSS-WC | 6              | 235       | 260     | 26                          | 0.3                   | 260        | 14.7        | 1.00 | 180 | 30       | 53       | 105     | 0.1                   | 2 | NO  |  |               |                  |
| TB08                  | JCI          | TSS-WC | 6              | 220       | 227     | 26                          | 0.3                   | 225        | 12.7        | 0.85 | 180 | 30       | 53       | 95      | 0.1                   | 2 | NO  |  |               |                  |
| TB09                  | JCI          | TSS-WC | 8              | 450       | 525     | 30                          | 0.3                   | 440        | 24.8        | 1.65 | 180 | 30       | 53       | 105     | 0.3                   | 2 | NO  |  |               |                  |
| TB10                  | JCI          | TSS-WC | 8              | 440       | 525     | 30                          | 0.3                   | 440        | 24.8        | 1.65 | 180 | 30       | 53       | 105     | 0.3                   | 2 | NO  |  |               |                  |
| TB11                  | JCI          | TSS-WC | 8              | 315       | 425     | 30                          | 0.3                   | 315        | 14.4        | 0.96 | 180 | 30       | 53       | 95      | 0.3                   | 2 | NO  |  |               |                  |
| TB12                  | JCI          | TSS-WC | 10             | 775       | 775     | 30                          | 0.5                   | 775        | 31.9        | 2.13 | 180 | 30       | 53       | 95      | 0.7                   | 2 | NO  |  |               |                  |
| TB13                  | JCI          | TSS-WC | 8              | 225       | 325     | 30                          | 0.3                   | 225        | 10.3        | 0.69 | 180 | 30       | 53       | 95      | 0.3                   | 2 | NO  |  |               |                  |
| TB14                  | JCI          | TSS-WC | 8              | 225       | 375     | 30                          | 0.3                   | 225        | 10.3        | 0.69 | 180 | 30       | 53       | 95      | 0.3                   | 2 | NO  |  |               |                  |
| TB15                  | JCI          | TSS-WC | 8              | 400       | 500     | 30                          | 0.3                   | 400        | 18.2        | 1.21 | 180 | 30       | 53       | 95      | 0.3                   | 2 | NO  |  |               |                  |
| TB16                  | JCI          | TSS-WC | 6              | 125       | 250     | 26                          | 0.3                   | 125        | 5.7         | 0.50 | 180 | 30       | 53       | 95      | 0.1                   | 2 | NO  |  |               |                  |
| TB17                  | JCI          | TSS-WC | 8              | 225       | 375     | 30                          | 0.3                   | 225        | 10.3        | 0.69 | 180 | 30       | 53       | 95      | 0.3                   | 2 | NO  |  |               |                  |
| TB18                  | JCI          | TSS-WC | 14             | 1350      | 1800    | 30                          | 0.5                   | 1350       | 76.2        | 5.10 | 180 | 30       | 53       | 105     | 1.5                   | 2 | NO  |  |               |                  |
| TB19                  | JCI          | TSS-WC | 10             | 600       | 850     | 30                          | 0.5                   | 600        | 33.8        | 2.25 | 180 | 30       | 53       | 105     | 0.7                   | 2 | NO  |  |               |                  |
| TB20                  | JCI          | TSS-WC | 10             | 550       | 650     | 30                          | 0.5                   | 550        | 31          | 2.10 | 180 | 30       | 53       | 105     | 0.7                   | 2 | NO  |  |               |                  |
| TB21                  | JCI          | TSS-WC | 8              | 225       | 375     | 30                          | 0.3                   | 225        | 12.7        | 0.85 | 180 | 30       | 53       | 95      | 0.3                   | 2 | NO  |  |               |                  |
| TB22                  | JCI          | TSS-WC | 8              | 500       | 600     | 25                          | 0.5                   | 500        | 22.8        | 1.52 | 180 | 30       | 53       | 95      | 0.7                   | 2 | YES |  |               |                  |
| TB23                  | JCI          | TSS-WC | 8              | 500       | 600     | 30                          | 0.3                   | 500        | 28.2        | 1.88 | 180 | 30       | 53       | 105     | 0.3                   | 2 | NO  |  |               |                  |
| TB24                  | JCI          | TSS-WC | 8              | 500       | 600     | 30                          | 0.3                   | 500        | 28.2        | 1.88 | 180 | 30       | 53       | 105     | 0.3                   | 2 | NO  |  |               |                  |
| TB25                  | JCI          | TSS-WC | 8              | 300       | 450     | 30                          | 0.3                   | 300        | 16.9        | 1.13 | 180 | 30       | 53       | 105     | 0.3                   | 2 | NO  |  |               |                  |
| TB26                  | JCI          | TSS-WC | 6              | 300       | 300     | 26                          | 0.3                   | 300        | 13.7        | 0.90 | 180 | 30       | 53       | 95      | 0.1                   | 2 | NO  |  |               |                  |
| TB27                  | JCI          | TSS-WC | 6              | 75        | 150     | 26                          | 0.3                   | 150        | 6.8         | 0.50 | 180 | 30       | 53       | 95      | 0.1                   | 2 | NO  |  |               |                  |
| TB28                  | JCI          | TSS-WC | 8              | 315       | 450     | 30                          | 0.3                   | 315        | 14.4        | 0.96 | 180 | 30       | 53       | 95      | 0.1                   | 2 | NO  |  |               |                  |
| TB29                  | JCI          | TSS-WC | 8              | 450       | 450     | 30                          | 0.3                   | 450        | 20.5        | 1.40 | 180 | 30       | 53       | 95      | 0.1                   | 2 | NO  |  |               |                  |
| TB30                  | JCI          | TSS-WC | 8              | 475       | 475     | 30                          | 0.3                   | 475        | 14.8        | 1.00 | 180 | 30       | 53       | 95      | 0.1                   | 2 | NO  |  |               |                  |
| TB31                  | JCI          | TSS-WC | 8              | 325       | 375     | 30                          | 0.3                   | 325        | 14.8        | 1.00 | 180 | 30       | 53       | 95      | 0.1                   | 2 | NO  |  |               |                  |
| TB32                  | JCI          | TSS-WC | 6              | 220       | 300     | 26                          | 0.3                   | 300        | 13.7        | 0.90 | 180 | 30       | 53       | 95      | 0.1                   | 2 | NO  |  |               |                  |
| TB33                  | JCI          | TSS-WC | 6              | 220       | 300     | 26                          | 0.3                   | 300        | 13.7        | 0.90 | 180 | 30       | 53       | 95      | 0.1                   | 2 | NO  |  |               |                  |