

| AH       |           |                       | AIR HANDLING UNIT SCHEDULE |                       |                             |                                |       |      |          |                 |       |                         |    |             |                                      |              |                      |           |                 |                |           |                     |                |                    |     |              |              |              |              |                      |           |                 |                |                |                      |                | BASIS OF DESIGN: TRANE |     |                         |      |        |                |                |                            |   |                  |  |         |           |
|----------|-----------|-----------------------|----------------------------|-----------------------|-----------------------------|--------------------------------|-------|------|----------|-----------------|-------|-------------------------|----|-------------|--------------------------------------|--------------|----------------------|-----------|-----------------|----------------|-----------|---------------------|----------------|--------------------|-----|--------------|--------------|--------------|--------------|----------------------|-----------|-----------------|----------------|----------------|----------------------|----------------|------------------------|-----|-------------------------|------|--------|----------------|----------------|----------------------------|---|------------------|--|---------|-----------|
| UNIT NO. | LOCATION  | AREA SERVED           | TOTAL CFM                  | MIN. OUT-DOOR AIR CFM | SUPPLY FAN DATA             |                                |       |      |          |                 |       | MOTOR DATA              |    | VOLT/ PHASE | HEATING DATA -- 40% PROPYLENE GLYCOL |              |                      |           |                 |                |           |                     |                |                    |     |              | COOLING DATA |              |              |                      |           |                 |                |                |                      |                |                        |     |                         |      |        | AIR FILTER NO. | FAN INTER-LOCK | APPROX. UNIT WEIGHT (LBS.) | MAX UNIT DIMENSIONS   |                  |  | REMARKS | MODEL NO. |
|          |           |                       |                            |                       | FAN STATIC PRESS. (IN.W.G.) | EXTERN STATIC PRESS. (IN.W.G.) | RPM   | BHP  | FAN SIZE | FAN TYPE        | DRIVE | EMER. POWER (YES OR NO) | HP |             | AIR DATA                             |              |                      |           | WATER DATA      |                |           |                     | COIL DATA      |                    |     |              | AIR DATA     |              |              |                      |           | WATER DATA      |                |                |                      | COIL DATA      |                        |     |                         |      |        |                |                |                            |   |                  |  |         |           |
|          |           |                       |                            |                       |                             |                                |       |      |          |                 |       |                         |    |             | ENT. DB (°F)                         | LVG. DB (°F) | MAX. P.D. (IN. W.G.) | TOTAL GPM | ENT. TEMP. (°F) | LVG. TEMP (°F) | P.D. (°F) | MAX FACE VEL. (FPM) | MIN. ROWS DEEP | MAX. FINS PER INCH | QTY | ENT. DB (°F) | ENT. WB (°F) | LVG. DB (°F) | LVG. WB (°F) | MAX. P.D. (IN. W.G.) | TOTAL GPM | ENT. TEMP. (°F) | LVG. TEMP (°F) | MAX. P.D. (°F) | MAX. FACE VEL. (FPM) | MIN. ROWS DEEP | MAX. FINS PER INCH     | QTY |                         |      |        |                |                |                            |   |                  |  |         |           |
| AHU-1    | PENTHOUSE | NORTH LABS            | 25,000                     | 25,000                | 6.5                         | 3.5                            | 1,175 | 47.1 | 40 IN.   | PLENUM CLASS 2  | BELT  | NO                      | 50 | 460/3       | 0                                    | 60           | 0.10                 | 126       | 180             | 150            | 2.7       | 445                 | 2              | 7                  | 2   | 90           | 74           | 53           | 52           | 0.69                 | 291       | 43              | 55             | 9.0            | 445                  | 8              | 9                      | 2   | SEE AIR FILTER SCHEDULE | -    | 12,000 | 277            | 126            | 97                         | HEAT RECOVER COIL (HRC) VFD   | M-SERIES SIZE 57 |  |         |           |
| AHU-2    | PENTHOUSE | SOUTH LABS            | 36,000                     | 36,000                | 6.3                         | 2.9                            | 1,083 | 64.6 | 44 IN.   | PLENUM CLASS 2  | BELT  | NO                      | 75 | 460/3       | 0                                    | 60           | 0.11                 | 182       | 180             | 150            | 4.2       | 460                 | 2              | 7                  | 2   | 90           | 74           | 53           | 52           | 0.75                 | 418       | 43              | 55             | 6.9            | 460                  | 8              | 10                     | 2   | SEE AIR FILTER SCHEDULE | -    | 16,000 | 272            | 141            | 119                        | HEAT RECOVER COIL (HRC) VFD   | M-SERIES SIZE 80 |  |         |           |
| AHU-3-1  | PENTHOUSE | ANIMALS LAB           | 1,500                      | 1,500                 | 6.2                         | 1.5                            | 4,033 | 3.3  | 11 IN.   | PLENUM CLASS 2  | BELT  | YES                     | 5  | 460/3       | 0                                    | 60           | 0.07                 | 8         | 180             | 150            | 1.9       | 375                 | 2              | 7                  | 1   | 90           | 74           | 53           | 52           | 0.49                 | 18        | 43              | 55             | 2.1            | 375                  | 6              | 10                     | 1   | SEE AIR FILTER SCHEDULE | -    | 3,000  | 163            | 44             | 70 (SEE NOTE 3)            | HEPA FILTERS, VFD, STANDBY DX COOLING, STACKED UNITS (AHU-3-1 IS TOP UNIT)    | M-SERIES SIZE 4  |  |         |           |
| AHU-3-2  | PENTHOUSE | ANIMALS LAB (STANDBY) | 1,500                      | 1,500                 | 6.2                         | 1.5                            | 4,033 | 3.3  | 11 IN.   | PLENUM CLASS 2  | BELT  | YES                     | 5  | 460/3       | 0                                    | 60           | 0.07                 | 8         | 180             | 150            | 1.9       | 375                 | 2              | 7                  | 1   | 90           | 74           | 53           | 52           | 0.49                 | 18        | 43              | 55             | 2.1            | 375                  | 6              | 10                     | 1   | SEE AIR FILTER SCHEDULE | -    | 3,000  | 163            | 44             |                            | HEPA FILTERS, VFD, STANDBY DX COOLING, STACKED UNITS (AHU-3-2 IS BOTTOM UNIT) | M-SERIES SIZE 4  |  |         |           |
| AHU-4    | PENTHOUSE | OFFICES               | 28,000                     | 4,000                 | 5.1                         | 3.2                            | 1,250 | 33.3 | 32 IN.   | AIRFOIL CLASS 2 | BELT  | NO                      | 40 | 460/3       | 0                                    | 60           | 0.09                 | 145       | 180             | 150            | 3.7       | 427                 | 2              | 7                  | 2   | 77.5         | 65           | 53           | 52           | 0.45                 | 174       | 43              | 55             | 10.8           | 427                  | 6              | 8                      | 2   | SEE AIR FILTER SCHEDULE | RF-1 | 10,000 | 234            | 141            | 99                         | VFD   | M-SERIES SIZE 66 |  |         |           |
| AHU-5    | PENTHOUSE | CLASSROOMS            | 30,000                     | 12,000                | 5.6                         | 3.5                            | 983   | 44.5 | 44 IN.   | PLENUM CLASS 1  | BELT  | NO                      | 50 | 460/3       | 0                                    | 60           | 0.10                 | 151       | 180             | 150            | 4.0       | 457                 | 2              | 7                  | 2   | 81           | 67.5         | 53           | 52           | 0.64                 | 226       | 43              | 55             | 5.7            | 457                  | 8              | 8                      | 2   | SEE AIR FILTER SCHEDULE | RF-2 | 10,500 | 211            | 141            | 99                         | VFD   | M-SERIES SIZE 66 |  |         |           |

- NOTES:
- AHU-3-1 & AHU-3-2 INCLUDES A BACKUP DIRECT EXPANSION (DX) COOLING COIL AND ASSOCIATED OUTDOOR CONDENSING UNIT. REFER TO DIRECT EXPANSION (DX) COOLING COIL SCHEDULE FOR ADDITIONAL INFORMATION REGARDING COIL SECTION, DX COIL TO BE FACTORY INSTALLED WITHIN AHU CASING. REFER TO SPLIT SYSTEM AIR COOLED CONDENSING UNIT (ACC) SCHEDULE FOR ADDITIONAL INFORMATION.
  - UNIT DIMENSIONS INDICATED DO NOT INCLUDE FIELD FABRICATED MIXING BOX, OUTSIDE AIR INTAKE SECTION, DISCHARGE PLENUM, CONCRETE HOUSEKEEPING PAD OR SUPPLEMENTAL STEEL BELOW FACTORY SUPPORT RAIL.
  - COMBINED UNIT HEIGHT DIMENSION INDICATED FOR AHU-3-1 AND AHU-3-2 IS TOTAL HEIGHT OF STACKED UNITS.
  - PROVIDE FACTORY STACKING BRACKETS AND ALL REQUIRED INSTALLATION HARDWARE FOR STACKING UNITS AHU-3-1 & AHU-3-2.
  - PROVIDE MARINE LIGHTS FOR EACH ACCESS, PLENUM, AND FAN SECTIONS WITH SWITCH.
  - HEATING PERFORMANCE BASED ON 40% PROPYLENE GLYCOL (P.G.).
  - PROVIDE SHAFT GROUNDING RING FOR ALL MOTORS 40 HP AND GREATER.
  - REFER TO TYPICAL AHU ARRANGEMENTS BELOW FOR ADDITIONAL INFORMATION.
  - PROVIDE 8" HIGH INTEGRAL/FACTORY SUPPORT RAILS FOR EACH AHU.

| HRC      |           |                      |        | HEAT RECOVERY COIL |                 |                 |                      |                |                |                 |                      |           |              | BASIS OF DESIGN: TRANE/STROBIC |                   |           |                        |
|----------|-----------|----------------------|--------|--------------------|-----------------|-----------------|----------------------|----------------|----------------|-----------------|----------------------|-----------|--------------|--------------------------------|-------------------|-----------|------------------------|
| UNIT NO. | LOCATION  | AREA / SYSTEM SERVED | CFM    | AIR DATA – HEATING |                 |                 | WATER DATA – HEATING |                |                |                 | COIL DATA            |           |              |                                | UNIT WEIGHT (LBS) | MODEL NO. |                        |
|          |           |                      |        | ENTERING DB (°F)   | LEAVING DB (°F) | MAX. P.D. (FT.) | TOTAL GPM            | ENT. TEMP (°F) | LVG. TEMP (°F) | MAX. P.D. (FT.) | MAX. FACE VEL. (FPM) | COIL SIZE | NO. OF COILS | MIN. ROWS DEEP                 |                   |           | MAX. FINS PER INCH     |
| HRC-1    | AHU-1     | AHU-1 / LEF-1,2,3    | 25,000 | 0                  | 18.5            | 0.5             | 50                   | 63             | 43             | 15              | 450                  | 36x110    | 2            | 4                              | 6                 | N/A       | TRANE M-SERIES SIZE 57 |
| HRC-2    | LEF-1,2,3 | AHU-1 / LEF-1,2,3    | 16,000 | 72                 | 43              | 0.5             | 50                   | 43             | 63             | 15              | 450                  | 33x70     | 3            | 4                              | 6                 | N/A       | STROBIC TS1150B18      |
| HRC-3    | AHU-2     | AHU-2 / LEF-4,5,6    | 36,000 | 0                  | 25              | 0.5             | 100                  | 63             | 43             | 15              | 450                  | 42x130    | 2            | 4                              | 6                 | N/A       | TRANE M-SERIES SIZE 66 |
| HRC-4    | LEF-4,5,6 | AHU-2 / LEF-4,5,6    | 31,000 | 72                 | 43              | 0.5             | 100                  | 43             | 63             | 15              | 450                  | 42x110    | 3            | 4                              | 6                 | N/A       | STROBIC TS41400A12     |

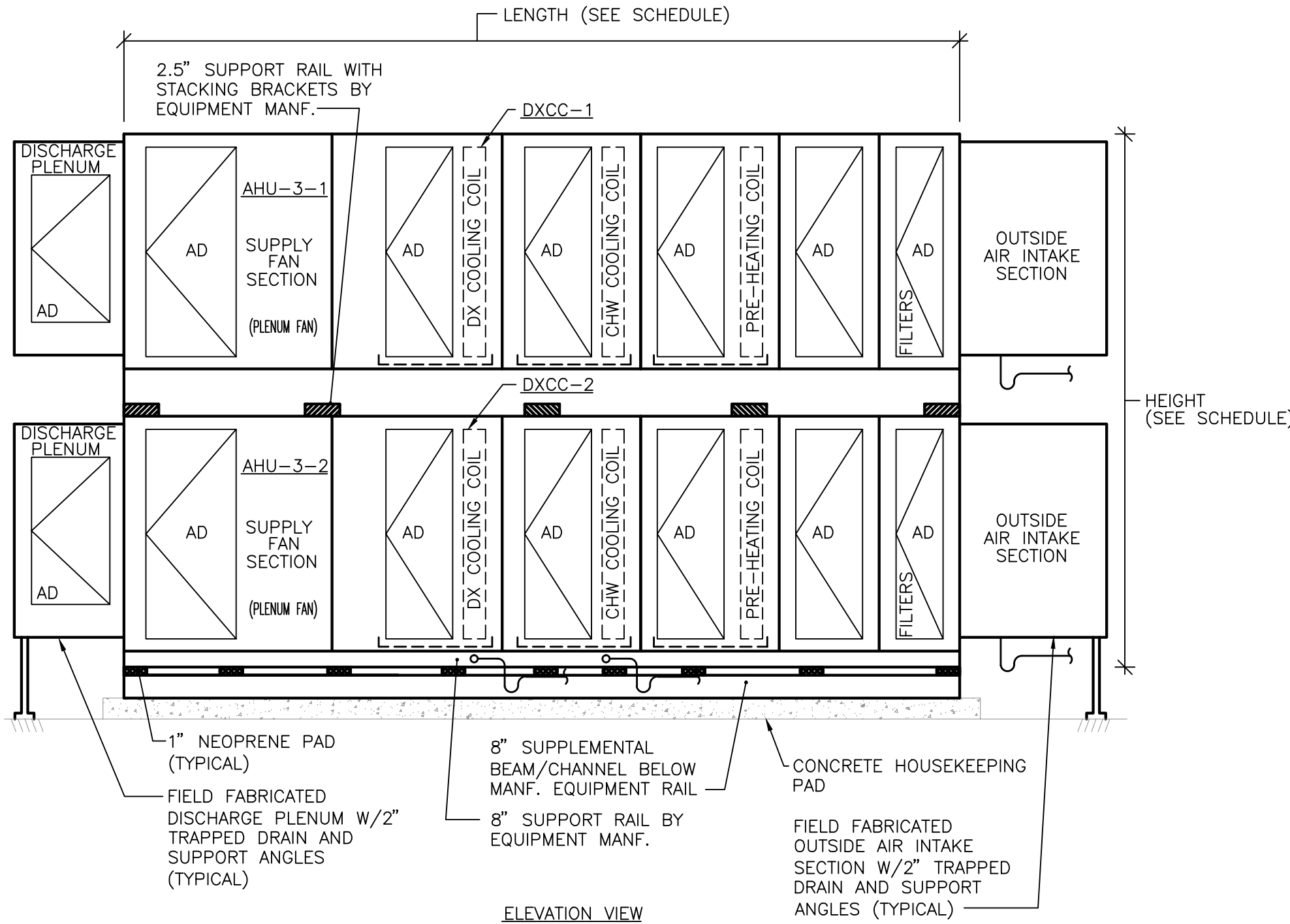
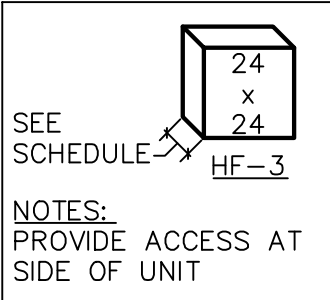
- NOTES:
- ALL HEAT RECOVERY COILS ARE SELECTED WITH 40% POLYPROPYLENE GYLCOL.

| DXCC     |                |                      |       |                     |                    |                   |                  |                   |                    |                      |                      |              | DIRECT EXPANSION (DX) COOLING COIL SCHEDULE |                    |                       |  |  | BASIS OF DESIGN: TRANE |  |  |
|----------|----------------|----------------------|-------|---------------------|--------------------|-------------------|------------------|-------------------|--------------------|----------------------|----------------------|--------------|---|--------------------|-----------------------|--|--|------------------------|--|--|
| UNIT NO. | LOCATION       | AREA / SYSTEM SERVED | CFM   | AIR DATA            |                    |                   | REFRIGERANT DATA |                   |                    | COIL DATA            |                      |              |   |                    | MODEL NO.             |  |  |                        |  |  |
|          |                |                      |       | ENTERING DB/WB (°F) | LEAVING DB/WB (°F) | MAX. F.P.D. (FT.) | TYPE             | LIQUID TEMP. (°F) | SUCTION TEMP. (°F) | MAX. FACE VEL. (FPM) | TOTAL CAPACITY (MBH) | NO. OF COILS | MIN. ROWS DEEP                              | MAX. FINS PER INCH |                       |  |  |                        |  |  |
| DXCC-1   | AHU-3-1 CASING | AHU-3-1              | 1,500 | 90/74               | 53/52              | 0.4               | R-410A           | 115               | 56                 | 335                  | 105.9                | 1            | 6   | 8                  | TRANE M-SERIES SIZE 4 |  |  |                        |  |  |
| DXCC-2   | AHU-3-2 CASING | AHU-3-2              | 1,500 | 90/74               | 53/52              | 0.4               | R-410A           | 42                | 56                 | 335                  | 105.9                | 1            | 6   | 8                  | TRANE M-SERIES SIZE 4 |  |  |                        |  |  |

- NOTES:
- PROVIDE DEDICATED CONDENSING UNIT FOR EACH COIL. REFER TO SPLIT SYSTEM AIR COOLED CONDENSING UNIT (ACC) SCHEDULE FOR ADDITIONAL INFORMATION.
  - COILS TO INCLUDE INTERVIEWED CIRCUITS ARRANGEMENT, COILS TO BE FULL CIRCUITING TYPE.
  - COILS TO BE FACTORY INSTALLED IN AHU CASING.

| AF / PF / HF |                            | AIR FILTER SCHEDULE |                             |            |                       |       | BASIS OF DESIGN: AAF |                            |
|--------------|----------------------------|---------------------|-----------------------------|------------|-----------------------|-------|----------------------|----------------------------|
| FILTER NO.   | EQUIPMENT OR SYSTEM SERVED | TOTAL CFM           | MAXIMUM FACE VELOCITY (FPM) | EFFICIENCY | MAXIMUM P.D. (IN.WG.) |       | MINIMUM DEPTH        | REMARKS                    |
|              |                            |                     |                             | ASHRAE 52% | CLEAN                 | DIRTY |                      |                            |
| AF-1         | AHU-1                      | 25,000              | 395                         | 80-85      | .29                   | 1     | 12"                  | UL CLASS 1, LOCATED IN AHU |
| PF-1         | AHU-1                      | 25,000              | 395                         | 30         | .38                   | 0.75  | 2"                   | UL CLASS 1, LOCATED IN AHU |
| AF-2         | AHU-2                      | 36,000              | 425                         | 80-85      | .29                   | 1     | 12"                  | UL CLASS 1, LOCATED IN AHU |
| PF-2         | AHU-2                      | 36,000              | 425                         | 30         | .38                   | 0.75  | 2"                   | UL CLASS 1, LOCATED IN AHU |
| AF-3         | AHU-3A & 3B                | 1,500               | 270                         | 80-85      | .29                   | 1     | 12"                  | UL CLASS 1, LOCATED IN AHU |
| PF-3         | AHU-3A & 3B                | 1,500               | 270                         | 30         | .38                   | 0.75  | 2"                   | UL CLASS 1, LOCATED IN AHU |
| HF-3         | AHU-3A & 3B                | 1,500               | 375                         | 99.99      | 1.1                   | 1.6   | 12"                  | UL CLASS 1, DUCT MOUNTED   |
| AF-4         | AHU-4                      | 28,000              | 425                         | 80-85      | .29                   | 1     | 12"                  | UL CLASS 1, LOCATED IN AHU |
| PF-4         | AHU-4                      | 28,000              | 425                         | 30         | .38                   | 0.75  | 2"                   | UL CLASS 1, LOCATED IN AHU |
| AF-5         | AHU-5                      | 30,000              | 460                         | 80-85      | .29                   | 1     | 12"                  | UL CLASS 1, LOCATED IN AHU |
| PF-5         | AHU-5                      | 30,000              | 460                         | 30         | .38                   | 0.75  | 2"                   | UL CLASS 1, LOCATED IN AHU |

- NOTES:
- PROVIDE THREE SETS OF SPARE FILTERS, (2) SETS TO BE DELIVERED TO THE CONTRACTOR AND (1) SET TO BE DELIVERED TO RAMAPO COLLEGE FACILITIES DEPARTMENT.
  - PROVIDE MAGNETIC FILTER GAUGE FOR EACH BANK OF FILTER
  - PROVIDE SIDE-ACCESS DUCT-MOUNTED FILTER BOX FOR HF-3, MODEL: MAGNA/PACK AS MANUFACTURED BY CAMFIL FARR. HEPA FILTER (HF-3) TO BE INSTALLED IN DUCT-MOUNTED FILTER HOUSING. REFER TO DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.



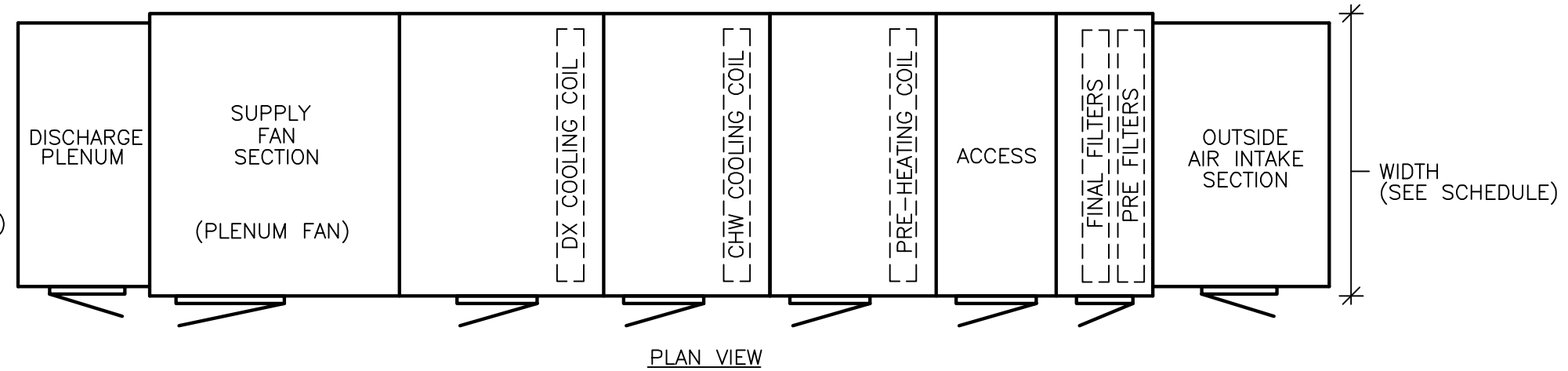
AHU ARRANGEMENT  
(TYPICAL FOR AHU-3-1 & 3-2)  
(NOT TO SCALE)

| H STEAM HUMIDIFICATION DISPERSION TUBE SCHEDULE |          |                       |           |                                     |          |                      |                                      | BASIS OF DESIGN:<br>ARMSTRONG                  |          |
|---|----------|-----------------------|-----------|-------------------------------------|----------|----------------------|--------------------------------------|--|----------|
| UNIT NO.  | LOCATION | AREA OR SYSTEM SERVED | AIR DATA  |                                     |          | STEAM DATA           |                                      | REMARKS  | MODEL    |
|   |          |                       | TOTAL CFM | MOISTURE CONTENT GR/LB DRY AIR ENT. | GR/ LGV. | HUMID. TOTAL LBS/ HR | MAXIMUM ABSORPTION DISTANCE (INCHES) |  |          |
| H-1   | PH MER   | AHU-3-1 & AHU-3-2     | 1,500     | 2.3                                 | 61.1     | 54                   | 24                                   | DUCT MOUNTED DISPERSION TUBE. DUCT SIZE 24x12. | HPACK-AA |

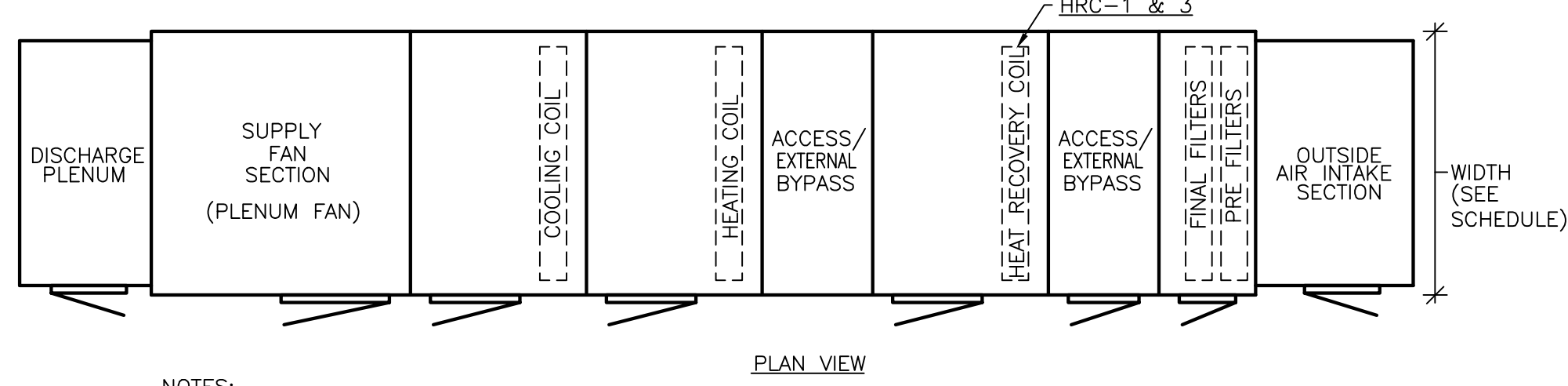
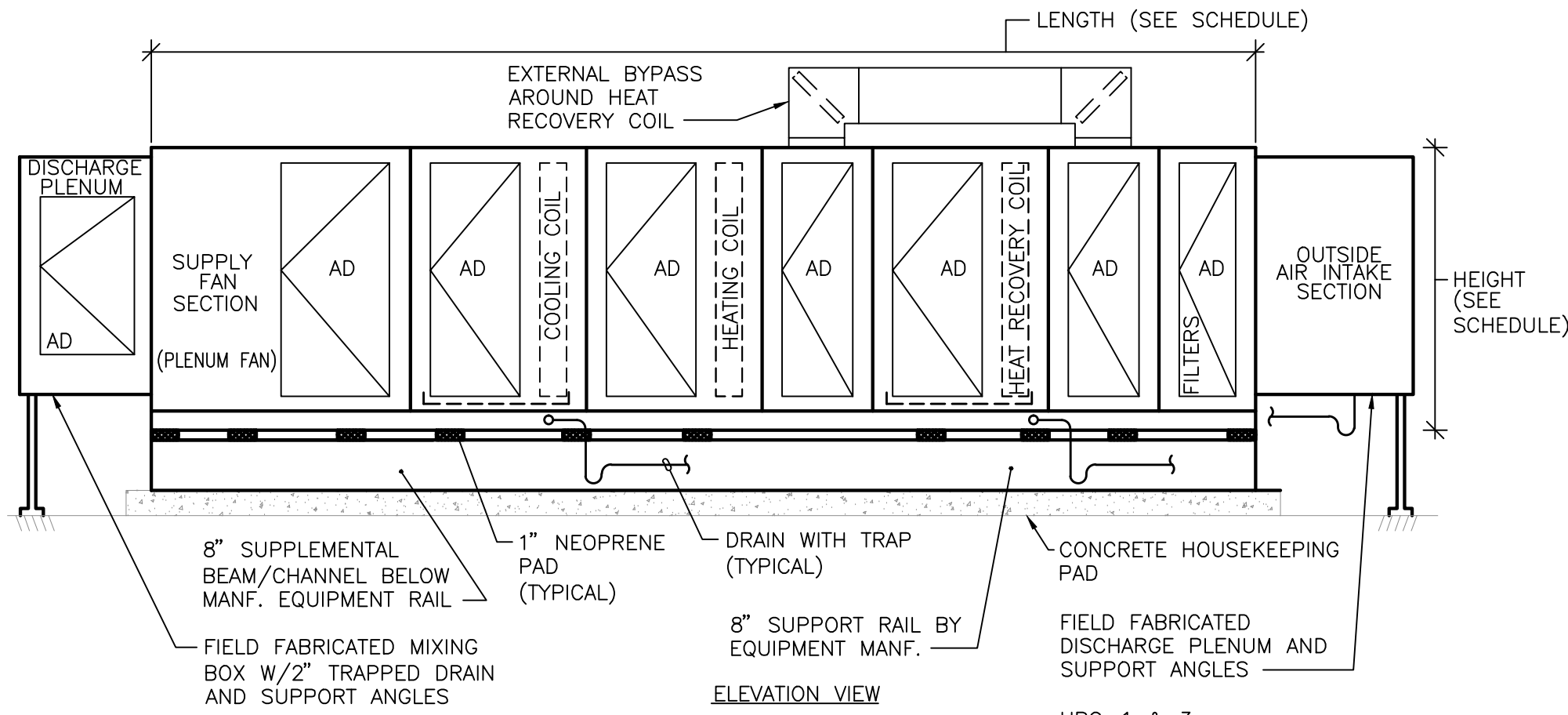
- NOTES:
- PROVIDE THE FOLLOWING:
    - FULLY MODULATING CONTROL
    - AIRFLOW PROVING SWITCH
    - ON/OFF HIGH LIMIT DUCT HUMIDISTAT
  - PROVIDE CONDENSATE WATER TEMPERING DEVICE FOR EACH STEAM HUMIDIFIER.

| SH ELECTRIC STEAM HUMIDIFIER SCHEDULE |          |                       |                 |                 |                   |                            |             | BASIS OF DESIGN: ARMSTRONG |               |                          |
|---------------------------------------|----------|-----------------------|-----------------|-----------------|-------------------|----------------------------|-------------|----------------------------|---------------|--------------------------|
| UNIT NO.                              | LOCATION | AREA OR SYSTEM SERVED | WATER DATA      |                 | STEAM DATA        |                            | ELECT. DATA |                            | MODEL/REMARKS |                          |
|                                       |          |                       | WATER TYPE      | FILL RATE (GPH) | MAX. TOTAL LBS/HR | TOTAL LBS/HR TO AIR-STREAM | VOLT/PHASE  | AMPS                       |               | EMERG. POWER (YES OR NO) |
| SH-1                                  | PH MER   | AHU-3-1 & AHU-3-2     | REVERSE OSMOSIS | 18.6            | 90                | 54                         | 480/3       | 36                         | YES           | HC-6300DI                |
| SH-2                                  | PH MER   | AHU-3-1 & AHU-3-2     | REVERSE OSMOSIS | 18.6            | 90                | 54                         | 480/3       | 36                         | YES           | HC-6300DI                |

- NOTES:
- PROVIDE THE FOLLOWING:
    - FULLY MODULATING CONTROL, 0-10V, ARMSTRONG FULLY MOUNTED HUMIDISTAT.
    - AIRFLOW PROVING SWITCH/FAN INTERLOCK.
    - ON/OFF HIGH LIMIT DUCT HUMIDISTAT.
    - LOCAL AND BMS CONTROL CAPABILITY.
    - FLOOD SWITCH LIQUID LEVEL CONTROL.
  - PROVIDE SPARE SET OF "IONIC BED" INSERTS, DELIVERED TO RAMAPO COLLEGE FACILITIES DEPARTMENT.
  - PROVIDE CONDENSATE TEMPERING DEVICE.
  - ALL PIPING AND PIPING SPECIALTIES BETWEEN HUMIDIFIER AND DISPERSION TUBING TO BE STAINLESS STEEL.
  - ALL WETTED PARTS OF HUMIDIFIER TO BE STAINLESS STEEL.

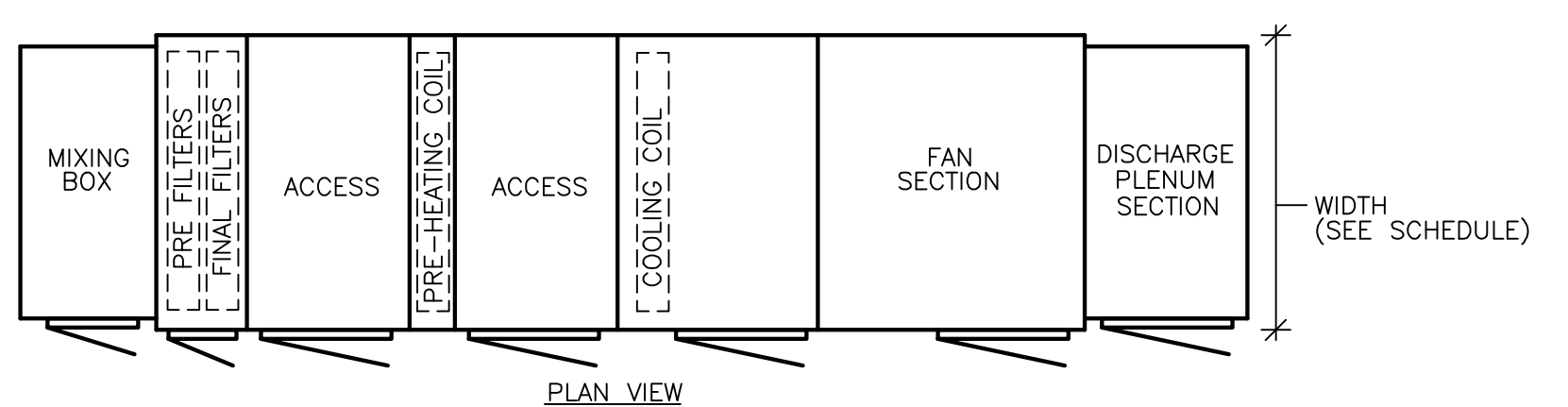
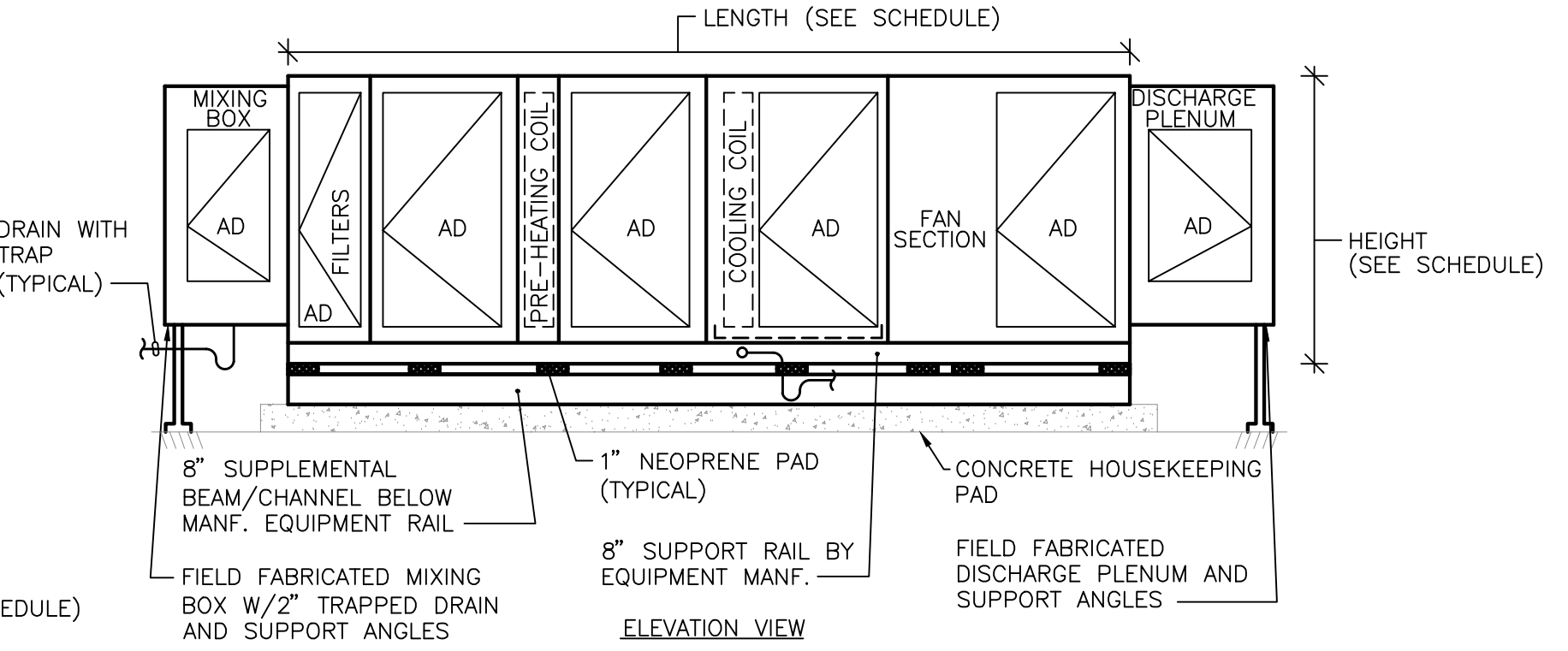


- NOTES:
- COORDINATE LOCATION OF ACCESS DOORS, PIPING CONNECTIONS, AND AIR INLETS AND OUTLETS WITH FLOOR PLANS.
  - UNIT LENGTH LISTED IN SCHEDULES DOES NOT INCLUDE FIELD FABRICATED MIXING BOX OR FIELD FABRICATED DISCHARGE PLENUM. UNIT HEIGHT INCLUDES MANUFACTURES INTEGRAL SUPPORT RAIL AND DOES NOT INCLUDE SUPPLEMENTAL STEEL INDICATED IN ABOVE ELEVATION VIEW.
  - INSTALLING CONTRACTOR TO PROVIDE SUPPLEMENTAL BEAM/CHANNEL BENEATH MANUFACTURER'S INTEGRAL SUPPORT RAIL TO ACCOMMODATE SIZE OF PROPER DRAIN TRAP. REFER TO DRAIN TRAP DETAILS FOR ADDITIONAL INFORMATION.



- NOTES:
- COORDINATE LOCATION OF ACCESS DOORS, PIPING CONNECTIONS, AND AIR INLETS AND OUTLETS WITH FLOOR PLANS.
  - UNIT LENGTH LISTED IN SCHEDULES DOES NOT INCLUDE FIELD FABRICATED MIXING BOX OR FIELD FABRICATED DISCHARGE PLENUM. UNIT HEIGHT INCLUDES MANUFACTURES INTEGRAL SUPPORT RAIL AND DOES NOT INCLUDE SUPPLEMENTAL STEEL INDICATED IN ABOVE ELEVATION VIEW.
  - INSTALLING CONTRACTOR TO PROVIDE SUPPLEMENTAL BEAM/CHANNEL BENEATH MANUFACTURER'S INTEGRAL SUPPORT RAIL TO ACCOMMODATE SIZE OF PROPER DRAIN TRAP. REFER TO DRAIN TRAP DETAILS FOR ADDITIONAL INFORMATION.

AHU ARRANGEMENT  
(TYPICAL FOR AHU-1 & 2)  
(NOT TO SCALE)



- NOTES:
- AHU-5 SHALL BE PROVIDED WITH PLENUM FAN AND FIELD FABRICATED DISCHARGE PLENUM. AHU-4 SHALL BE PROVIDED WITH HOUSED AIRFOIL FAN, FIELD FABRICATED PLENUM DISCHARGE SECTION NOT REQUIRED FOR AHU-4.
  - COORDINATE LOCATION OF ACCESS DOORS, PIPING CONNECTIONS, AND AIR INLETS AND OUTLETS WITH FLOOR PLANS.
  - UNIT LENGTH LISTED IN SCHEDULES DOES NOT INCLUDE FIELD FABRICATED MIXING BOX OR FIELD FABRICATED DISCHARGE PLENUM. UNIT HEIGHT INCLUDES MANUFACTURES INTEGRAL SUPPORT RAIL AND DOES NOT INCLUDE SUPPLEMENTAL STEEL INDICATED IN ABOVE ELEVATION VIEW.
  - INSTALLING CONTRACTOR TO PROVIDE SUPPLEMENTAL BEAM/CHANNEL BENEATH MANUFACTURER'S INTEGRAL SUPPORT RAIL TO ACCOMMODATE SIZE OF PROPER DRAIN TRAP. REFER TO DRAIN TRAP DETAILS FOR ADDITIONAL INFORMATION.

AHU ARRANGEMENT  
(TYPICAL FOR AHU-4 & 5)  
(NOT TO SCALE)



OWNER:  
Ramapo College of New Jersey  
505 Ramapo Valley Road  
Mahwah, New Jersey 07430-1630

CONSTRUCTION MANAGERS:  
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335 East Main Street  
Somerville, NJ 08876  
908-253-9500

ARCHITECT:  
Mitchell/Giurgola Architects, LLP  
630 Ninth Avenue, Suite 711  
New York, New York 10036  
212 529 2263

MEP ENGINEER:  
Joseph R. Loring & Associates, Inc.  
21 Pennsylvania Plaza  
New York, NY 10001  
212 563 7400

STRUCTURAL ENGINEER:  
Yarael A Seiniuk PC  
228 East 45th Street 2nd Floor  
New York, NY 10017  
212 687 2233

LANDSCAPE ARCHITECT:  
Dirtworks, PC  
200 Park Avenue South  
New York, NY 10003  
212 529 2263

SITE CIVIL ENGINEER:  
Langan Engineering  
619 River Drive Center 1  
Elmwood Park, NJ 07407-1338  
201 794 6900

AV CONSULTANT:  
Ceramni & Associates  
404 Fifth Avenue  
New York, NY 10018  
212 370 1776

Key Plan:

