

PACKAGED ROOF TOP UNIT SCHEDULE

| UNIT NO. | AREA SERVED | CFM TYPICAL (IN. WG.) | FAN DATA | | | | | | | | | | DK COIL DATA | | | | | | | | | | HEATING DATA | | | | | | | | | | AIR COOLED CONDENSER | | | | | | | | | | COMPRESSOR DATA | | | | | | | | | | PRE FILTER DATA | | | | | | | | | | EXHAUST FAN | | | | | | | | | | ELECTRICAL DATA | | | | | | | | | | BASIS OF DESIGN | REMARKS |
|----------|-------------|-----------------------|-----------------------|------|-------|-------|----------------|------|--------------------------|----------|----------|----------|--------------|----------------------|-----------------|--------------------|-----------------------------|------|------------------|-------------------|-----------------|---------------------------|---------------|------------|-----|---------------|---------------------|-------------|--------------------|-----------------------|----------|--------|----------------------|-------|-------|----|-----|------|----------------|---------|-----|-----|-----------------------|--------------------------|--|--|--|--|--|--|--|--|-----------------|--|--|--|--|--|--|--|--|--|-------------|--|--|--|--|--|--|--|--|--|-----------------|--|--|--|--|--|--|--|--|--|-----------------|---------|
| | | | EXTERNAL SP (IN. WG.) | RPM | BHP | CLASS | FAN TYPE | MHP | MAX. COIL S.P. (IN. WG.) | EBB (°F) | EWB (°F) | LDB (°F) | LWB (°F) | NOMINAL TOTAL TON(S) | GROSS TOTAL MHP | GROSS SENSIBLE MHP | MIN. FAN NET FLOW (SQ. FT.) | TYPE | MAX. INPUT (MBH) | MAX. OUTPUT (MBH) | TEMP. RISE (°F) | MAX. GAS PRESS. (IN. WG.) | FAN HP (E.A.) | HP (TOTAL) | NO. | NO. OF STAGES | MAX. SPIN (IN. WG.) | FILTER TYPE | MAX. CFM (IN. WG.) | NEGATIVE SP (IN. WG.) | RPM | BHP | MHP | VOLTS | PHASE | HZ | MCA | MOCP | TYPE OF DESIGN | REMARKS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RU-1 | SEE PLANS | 45,000 | 3.0 | 1592 | 72.31 | II | A ⁺ | 2-40 | 1.58 | 80 | 73 | 62.2 | 62.0 | 130 | 1860 | 864 | 5 | 60.4 | 045 | 1000 | 820 | 16 | - | - | 12 | 1 | 63,200 | 8 | 4 | 0.24 | 2" PANEL | 40,000 | 1.25 | 811 | 37.9 | 40 | 480 | 3 | 60 | 401 | 450 | 450 | TRANE SHD0124P4B8C709 | APPROX WEIGHT 17,000 LBS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

- NOTES:
 1. PROVIDE 40 HP, 800 RPM EXHAUST FAN (40,000 CFM).
 2. PROVIDE WITH 100% ECONOMIZER.
 3. 2-SPEED LOW HEAT MODULE.
 4. PROVIDE VFD ON ALL FANS, MOUNT ON UNIT WITH CONDITIONED ENCLOSURE FOR OUTDOOR USE.

FAN SCHEDULE

| UNIT NO. | TYPE | ORIG. LOCATION | SERVICE | CFM (IN.) | PERFORMANCE DATA | | | | | | | | | | FAN MOTOR DATA | | | | | | | | | | REMARKS |
|----------|------|----------------|---------|-----------|------------------|------|----------------|-----------------|--------------|-----------------|--------------|----------------|-----------------|--------------|-----------------|--------------|--|--|--|--|--|--|--|--|---------|
| | | | | | TOTAL SP (IN.) | RPM | MIN. BHP (TYP) | MAX. O.V. (TYP) | STARTER TYPE | ELECTRICAL DATA | MODEL NUMBER | MIN. BHP (TYP) | MAX. O.V. (TYP) | STARTER TYPE | ELECTRICAL DATA | MODEL NUMBER | | | | | | | | | |
| ER-1 | ROOF | BELT | ROOF | 2800 | 1.3 | 1190 | 1.02 | 1297 | 1-1/2 | MAGNETIC | 480 | 3 | 60 | GB-180-15 | | | | | | | | | | | |
| ER-2 | ROOF | BELT | ROOF | 800 | 1.0 | 1518 | 0.27 | 608 | 1/2 | MAGNETIC | 480 | 3 | 60 | GB-141H-5 | | | | | | | | | | | |
| ER-3 | ROOF | BELT | ROOF | 2000 | 1.0 | 1482 | 0.68 | 1515 | 1 | MAGNETIC | 480 | 3 | 60 | GB-141-10 | | | | | | | | | | | |
| ER-4 | ROOF | BELT | ROOF | 2000 | 1.0 | 1482 | 0.68 | 1515 | 1 | MAGNETIC | 480 | 3 | 60 | GB-141-10 | | | | | | | | | | | |
| ER-5 | ROOF | BELT | ROOF | 3000 | 1.0 | 1373 | 1.04 | 1834 | 1-1/2 | MAGNETIC | 480 | 3 | 60 | GB-181-15 | | | | | | | | | | | |
| ER-6 | ROOF | BELT | ROOF | 3000 | 1.5 | 1452 | 1.31 | 1450 | 1-1/2 | MAGNETIC | 480 | 3 | 60 | GB-180HP-15 | | | | | | | | | | | |

- NOTES:
 1. PROVIDE WITH ROOF CURB, DISCONNECT SWITCH AND MOTORISED DAMPER.
 2. PROVIDE WITH ADJUSTABLE SPEED CONTROLLER.

DIFFUSER SCHEDULE

| UNIT NO. | CFM RANGE | SERVICE | TYPE | NECK SIZE (IN.) | FACE DIMENSIONS WXL (IN.) | BASIS OF DESIGN | BASED ON: TTUS | | | | | | | | | | |
|----------|--------------|---------|------------------|-------------------------------|---------------------------|-----------------|-------------------------------|-----|------|----------------|-----------------|--------------|-----------------|--------------|---|----|-----------|
| | | | | | | | CFM | W | L | MIN. BHP (TYP) | MAX. O.V. (TYP) | STARTER TYPE | ELECTRICAL DATA | MODEL NUMBER | | | |
| CD-A | 0-250 | SUPPLY | LAY-IN | 8" | 24x24 | TTUS PAS | 2800 | 1.3 | 1190 | 1.02 | 1297 | 1-1/2 | MAGNETIC | 480 | 3 | 60 | GB-180-15 |
| CD-B | 250-350 | SUPPLY | LAY-IN | 10" | 24x24 | TTUS PAS | 800 | 1.0 | 1518 | 0.27 | 608 | 1/2 | MAGNETIC | 480 | 3 | 60 | GB-141H-5 |
| CD-C | 350-550 | SUPPLY | LAY-IN | 12" | 24x24 | TTUS PAS | 2000 | 1.0 | 1482 | 0.68 | 1515 | 1 | MAGNETIC | 480 | 3 | 60 | GB-141-10 |
| CD-D | 0-250 | SUPPLY | LAY-IN | 8" | 24x24 | TTUS PAS | 2000 | 1.0 | 1482 | 0.68 | 1515 | 1 | MAGNETIC | 480 | 3 | 60 | GB-141-10 |
| CD-E | 0-250 | SUPPLY | LAY-IN | 8" | 24x24 | TTUS PAS-FR | 24x24 | | | | | | | | | | |
| CC-A | 0-600 | RET/EXH | LAY-IN | 14" | 24x24 | TTUS PAR | 24x24 | | | | | | | | | | |
| CC-B | 0-1500 | RET/EXH | LAY-IN | 22x22 | 24x24 | TTUS PAR | 24x24 | | | | | | | | | | |
| ER-A | 0-150 | RET/EXH | LAY-IN | 6x6 | 12x12 | TTUS PAR | 12x12 | | | | | | | | | | |
| ER-B | 0-400 | RET/EXH | LAY-IN | 12x12 | 24x24 | TTUS PAR | 24x24 | | | | | | | | | | |
| ER-C | 0-800 | RET/EXH | LAY-IN | 14" | 24x24 | TTUS PAR-FR | 24x24 | | | | | | | | | | |
| ER-D | 0-250 | RET/EXH | SIDEWALL MOUNTED | 8x8 | - | TTUS 350-RL | - | | | | | | | | | | |
| LD-A | 0-50 CMV/F | SUPPLY | LAY-IN | 2-SLOT | 4"WD, 6" LNGTH SHOWN | TTUS ML-38 | 2-SLOT | | | | | | | | | | |
| LD-B | 50-65 CMV/F | SUPPLY | LAY-IN | 3-SLOT | 4"WD, 6" LNGTH SHOWN | TTUS ML-38 | 3-SLOT | | | | | | | | | | |
| LD-C | 50-100 CMV/F | SUPPLY | LAY-IN | 1/8" SPACING SIDEWALL MOUNTED | 1/4" BRASS | TTUS CT-481 | 1/8" SPACING SIDEWALL MOUNTED | | | | | | | | | | |
| LR-A | 0-50 CMV/F | RET/EXH | LAY-IN | 2-SLOT | 4"WD, 6" LNGTH SHOWN | TTUS MLR-38 | 2-SLOT | | | | | | | | | | |
| LR-B | 50-65 CMV/F | RET/EXH | LAY-IN | 3-SLOT | 4"WD, 6" LNGTH SHOWN | TTUS MLR-38 | 3-SLOT | | | | | | | | | | |

- NOTES:
 1. NOT ALL DIFFUSER AND REGISTER TYPES ARE NECESSARILY USED. REFER TO PLANS.
 2. LINEAR DIFFUSERS INSTALLED IN CYP BOARD WALLS OR CEILING.
 3. LINEAR DIFFUSERS TO COME COMPLETE WITH MATCHING PLENUM WP-38.

CABINET UNIT HEATER SCHEDULE

| UNIT NO. | LOCATION | SERVICE | TYPE | HEATING CAPACITY (MBH) | FAT (BT) | LAT (BT) | CFM | KW | NO. OF STAGES | MOTOR HP | ELECTRICAL DATA | | | ENCLOSURE DIMENSIONS (INCHES) | | | MANUF. MODEL # | REMARKS |
|----------|-------------|-------------|----------|------------------------|----------|----------|-----|-----|---------------|----------|-----------------|-------|----|-------------------------------|------------|----------|----------------|------------------|
| | | | | | | | | | | | VOLTS | PHASE | HZ | HEIGHT | LENGTH | DEPTH | | |
| CUH-A | VESTIBULES | VESTIBULES | MMH-4000 | 10.2 | 50 | 95 | 100 | 3.0 | 1 | - | 277 | 1 | 60 | 9'-3/8" | 15'-25/32" | 3'-3/4" | MMH-4A07 | RECESSED SURFACE |
| CUH-B | EXIT STAIRS | EXIT STAIRS | MMH-4000 | 6.8 | 50 | 95 | 100 | 2.0 | 1 | - | 277 | 1 | 60 | 9'-3/8" | 15'-25/32" | 3'-5/16" | MMH-4D07 | |

- NOTE:
 1. PROVIDE WALL MOUNTED WITH BACK BOX AND SURFACE MOUNT FRAME AS REQUIRED.
 2. PROVIDE WITH FRONT UPPER DISHWASH AND FRONT LOWER INWAKE.

TERMINAL BOX SCHEDULE

| DESIGNATION | BOX TYPE | BOX SIZE (IN. STD) | AIRCOW RANGE (CFM) | | LOWEST CFM SENSING | MINIMUM STATIC PRESSURE, ΔPS AT MAX. CFM & ΔPS (IN. WG.) | DISCHARGE SOUND LEVEL AT MAX. CFM & ΔPS (NO.) | REQUIRED SOUND LEVEL AT MAX. CFM & ΔPS (NO.) | ELECTRIC RENT | | | TYPE OF CONNECTIONS | MANUF. MODEL # | REMARKS | |
|-------------|-----------|--------------------|--------------------|------|--------------------|--|---|--|---------------|-------|-------|---------------------|----------------|---------|---|
| | | | MIN. | MAX. | | | | | VOLTS | PHASE | HERTZ | | | | |
| TM-A | SINGLE WM | 5 | 100 | 200 | 100 | 0.02 | 30 | 35 | 2.5 | 277 | 1 | 60 | DDC | VCF | - |
| TM-B | SINGLE WM | 10 | 500 | 1000 | 500 | 0.03 | 32 | 38 | 11.0 | 480 | 3 | 60 | DDC | VCF | - |
| TM-C | SINGLE WM | 12 | 680 | 1360 | 680 | 0.03 | 35 | 37 | 13.0 | 480 | 3 | 60 | DDC | VCF | - |

BASED ON: TRANE

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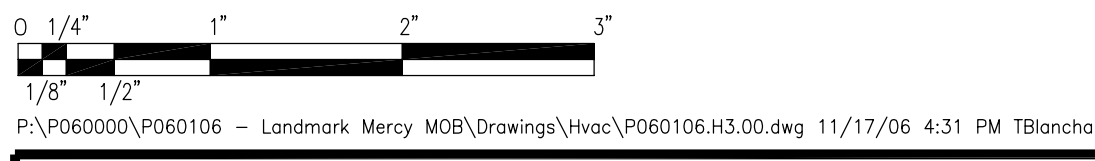
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 ADMINISTRATION NO. 060106
 DATE: 11/17/06

Revision: 11-20-06 CONSTRUCTION DOCUMENTS ISSUED

Sheet: HVAC SCHEDULES

Project Title: Landmark Healthcare Facilities LLC
 Fore River Medical Pavilion
 Portland, Maine

Date: NOVEMBER 20, 2006
 Project Number: F06-5103
 Drawing Number: H3.00



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