

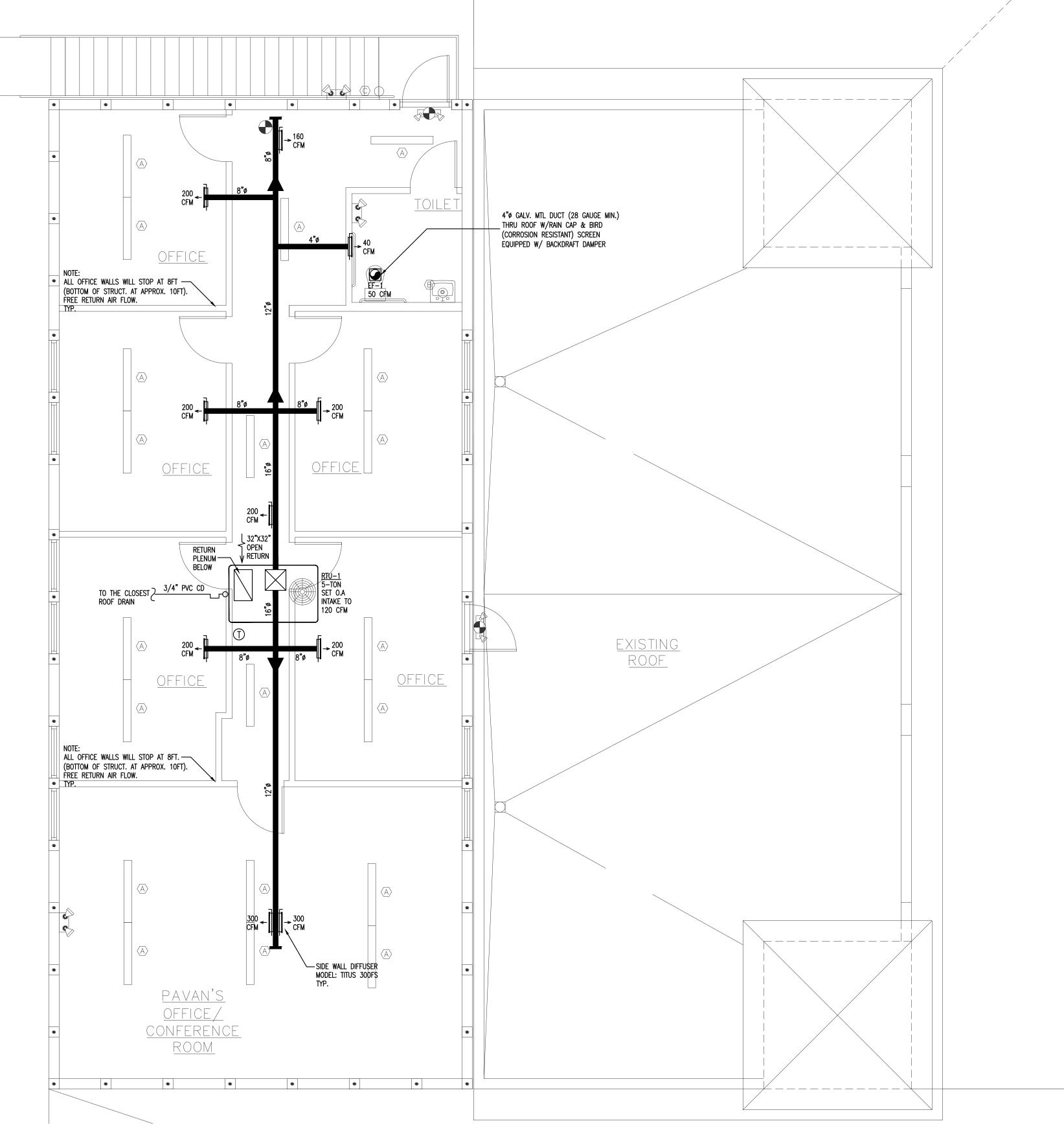
| Manufacturer            | TRANE OR EQUA      |  |
|-------------------------|--------------------|--|
| Model Number            | THC067             |  |
| Nominal Tons            | 5.0                |  |
| Total Capacity (MBH)    | 60.0               |  |
| Sensible Capacity (MBH) | 45.3               |  |
| CFM                     | 2000               |  |
| ESP (" WG)              | 0.5"               |  |
| Entering Air DB/WB      | 80 / 67            |  |
| SEER/EER                | 17.2               |  |
| Voltage/Phase/Hertz     | 208/3/60           |  |
| Heater kW               | 6.0                |  |
| Heating Capacity (MBH)  | 15.4               |  |
| MCA                     | 32.2               |  |
| MOCP                    | 45.0               |  |
| Compressor RLA          | 16.2               |  |
| Condenser Fan FLA       | 2.5                |  |
| Blower HP               | 1.0                |  |
| Blower FLA              | 9.4                |  |
| Evaporator Rows/FPI     | 4/16               |  |
| Evaporator Face Area    | 9.9                |  |
| R-410A (lbs)            | 11.8               |  |
| Unit Weight             | 780                |  |
| Filters                 | (4) 16x25x2        |  |
| Unit Dimensions         | 88.6 x 53.3 x 40.9 |  |

|        | BC-M 2014 Table 403.3                                 | ventuation per r                    |
|--------|---|-------------------------------------|
| Office | Ventilation Zone Name                                 |                                     |
|        | ) Minimum O/A required at Supply Outlet Voz:          |                                     |
| 5      | Occupant Rate Requirements <b>Rp</b> =                | ) Occupant Category (table 6-1)     |
| 0.06   | Building Rate Requirements <b>Ra</b> =                |                                     |
| 8      | b) Estimated No. of Occupants in the Zone <b>Pz =</b> |                                     |
| 1200   |   | Zone Net Occupied Area Az =         |
| 112    | 6-1 Vbz =RpPz + RaAz ) <b>Vbz =</b>                   | O/A required in Breathing Zone (eq  |
| 1      | (table 6-2) <b>Ez =</b>                               | Zone Air Distribution Effectiveness |
| 112    | s (Eq. 6-2 Voz = Vbz/Ez) <i>Voz =</i>                 | Min. O/A required at Supply Oultel  |

PER FBC 2014 COMMERCIAL ENERGY EFFICIENCY 5HT EDITION SECTION C403.2.4.4

SHUTOFF DAMPER CONTROLS:

BOTH OUTDOOR AIR SUPPLY AND EXHAUST DUCTS SHALL BE EQUIPPED WITH DAMPERS THAT WILL AUTOMATICALLY SHUT WHEN THE SYSTEMS OR SPACES SERVED ARE NOT IN USE. VENTILATION OUTSIDE AIR DAMPERS SHALL BE CAPABLE OF AUTOMATICALLY SHUTTING OFF DURING PREOCCUPANCY BUILDING WARMUP, COOLDOWN, AND SETBACK, EXCEPT WHEN VENTILATION REDUCES ENERGY COSTS (E.G., NIGHT PURGE) OR WHEN VENTILATION MUST BE SUPPLIED TO MEET CODE REQUIREMENTS.





H. DeMello AUG. 21, 2015 AS SHOWN project # 15.138

ADDITION FOR

SECOND FLOOR

BUCHANAN P.E CONSULTING INC.

ELECTRICAL \* MECHANICAL \* PLUMBING

E N G | N E E R | N G

CERTIFICATE OF AUTHORIZATION # 8842

□RAJA BUCHANAN P.E # 48916 □MAURICE L□RD P.E # 72550 □DATE: \_\_\_\_\_

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