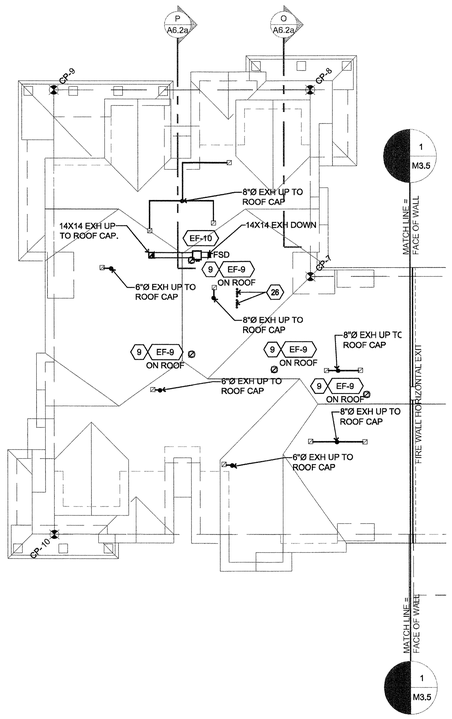
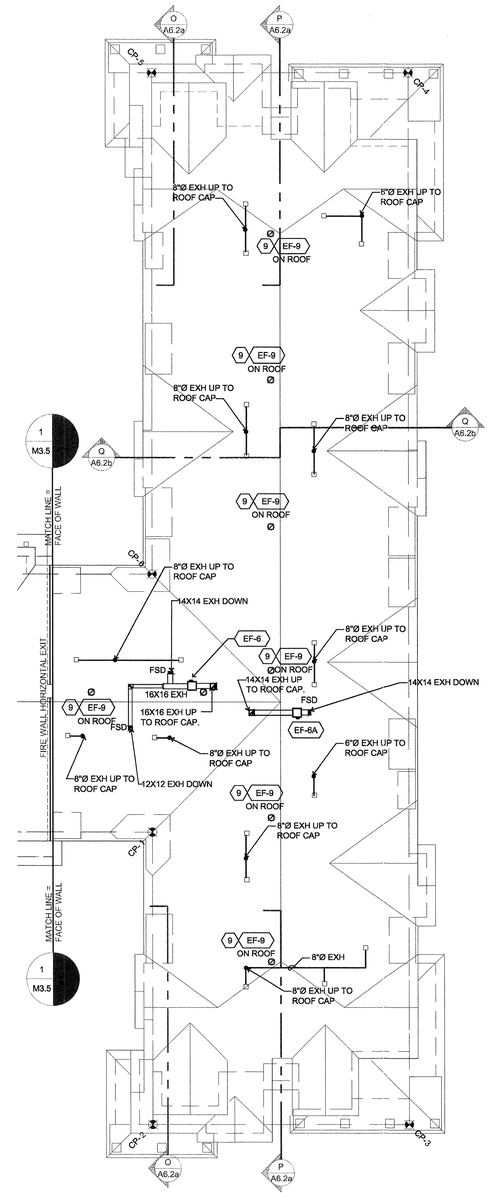



2 M3.8 ATTIC WING "C" - HVAC

SCALE: 1/16" = 1'-0"




1 M3.8 ATTIC WING "B" - HVAC

## HVAC KEY NOTES:

1. 4" EXHAUST DUCT FROM BATHROOM EXHAUST FAN TO APPROVED DISCHARGE CAP WITH INTEGRAL BACK DRAFT DAMPER. MAINTAIN 3FT MIN. CLEARANCE TO BUILDING OPENINGS, AND 10' MIN. FROM MECHANICAL FRESH AIR INTAKES. SEE 3/M4.0 FOR ROOF DISCHARGE DETAIL.
2. HOOD DRAWINGS (H-1 - H-5) FOR ADDITIONAL INFORMATION.
3. SEE SHEET M4.2 FOR KITCHEN HOOD SECTIONS
4. DISHWASHER: TYPE II HOOD AND EXHAUST SYSTEM.
5. 6"Ø SHEETMETAL EXHAUST DUCT IN SOFFIT TO APPROVED SOFFIT CAP WITH BACKDRAFT DAMPER.
6. 6" EXHAUST DUCT TO APPROVED DISCHARGE CAP WITH INTEGRAL BACK DRAFT DAMPER. MAINTAIN 3FT MIN. CLEARANCE TO ALL OPENINGS, SEE 3/M4.0 FOR ROOF DISCHARGE DETAIL.
7. 7"Ø RANGE EXHAUST DUCT TO APPROVED CAP. PROVIDE UL LISTED FIRE CAULKING AT RATED MEMBRANE PENETRATIONS.
8. OUTDOOR COOLER/ FREEZER UNITS. ROUTE REFRIGERATION LINES UNDER SLAB IN 6" CONDUIT WITH LONG SWEEPS.
9. INSTALL ATTIC FANS (EF-9) NEAR ROOF PEAK, OPPOSITE OF MAIN PARKING.
10. 8" EXHAUST DUCT FROM EXHAUST FAN TO APPROVED DISCHARGE CAP WITH INTEGRAL BACK DRAFT DAMPER. MAINTAIN 3FT MIN. CLEARANCE TO ALL OPENINGS, SEE 3/M4.0 FOR ROOF DISCHARGE DETAIL.
11. LOCATION OF FUTURE DOOR
12. MECHANICAL SHAFT COORDINATE WITH ARCHITECTURAL AND STRUCTURAL. SEE DETAILS 8/A8.8 AND 2/S2.5.
13. SPLIT SYSTEM EVAPORATORS, SEE MECH. SPECIFICATIONS
14. FILTER RETURN GRILLE FOR T-BAR INSTALLATION.
15. LAUNDRY MAKE UP AIR -SEE DETAIL 5/M4.0
16. ROUTE DRAIN OVER AND DOWN IN WALL. DAYLIGHT INTO JANITOR SINK.
17. NOT USED.
18. 8x8 EXHAUST DUCT TO APPROVED CAP.
19. ROUTE ALL DUCTWORK UNDER MECHANICAL WELL INTO ATTIC SPACE.
20. SEE SHEETS SMOKE CONTROL SHEETS SC1.1, 1.2 1.3, 1.4 AND SC2.1 FOR ATRIUM SMOKE EXHAUST
21. COORDINATE DUCT ROUTING CLOSELY W/ STRUCTURAL. NOTIFY ARCHITECT IF CONFLICTS OCCUR. TYPICAL FOR ALL AREAS OF BUILDING.
22. W/ FSD AT TOP OF SHAFT
23. DRYER VENT, (4" MIN., MATCH DRYER DISCHARGE) EXHAUST DUCT TO APPROVED ROOF CAP WITH INTEGRAL BACK DRAFT DAMPER.
24. MOUNT PTAC UNIT 6" ABOVE OUTSIDE ROOF LINE. PROVIDE REMOTE THERMOSTAT OR REMOTE CONTROLLER WHERE MANUFACTURER EQUIPMENT HAS NO OPTION FOR REMOTE THERMOSTAT.
25. WATER HEATER VENTING UP. PROVIDE 3" PVC FOR VENT AND 3" PVC FOR COMBUSTION AIR. SEE DETAILS 1/M2.2 AND 14/M4.0.
26. DRYER VENT, 4" EXHAUST DUCT TO IN-O-VATE DRYER BOX AT WALL PENETRATION. PROVIDE UL LISTED RATED SEAL AT MEMBRANE PENETRATIONS, SEE SHEET M4.0 FOR DRYER DETAILS.
27. PROVIDE CONDENSATE LINE FOR FUTURE THRU-WALL PTAC UNITS IN "C" UNIT SPARE BEDROOMS.

## DIFFUSER, REGISTER AND GRILLE SCHEDULE

| SYM | TYPE | FACE | FRAME | DAMPER | FINISH | MODEL NO. |
|---|---|---|---|---|---|---|
| CD-1 | CEILING DIFFUSER | LOUVERED | T-BAR | MVD | WHITE | E.H. PRICE SMD |
| CD-2 | CEILING DIFFUSER | LOUVERED | SURFACE | OBD | WHITE | E.H. PRICE SMD |
| CD-3 | CEILING SUPPLY/EXHAUST | LOUVERED | SURFACE | N/A | WHITE | ALDES "CAR" |
| CRG-1 | CEILING GRILLE | PERFORATED | T-BAR | MVD | WHITE | E.H. PRICE PDR |
| CRG-2 | CEILING GRILLE | PERFORATED | SURFACE | OBD | WHITE | E.H. PRICE PDR |
| CRG-3 | CEILING FILTER GRILLE | PERFORATED | T-BAR | MVD | WHITE | E.H. PRICE 10FF |
| RG-1 | SIDEWALL GRILL | FIXED BAR | 1" BORDER | OBD | WHITE | E.H. PRICE 530 |
| SR-1 | SIDEWALL SUPPLY GRILL | DOUBLE DEFL. | 1" BORDER | OBD | WHITE | E.H. PRICE 520 |
| TG-1 | TRANSFER GRILL | FIXED BAR | 1" BORDER | OBD | WHITE | E.H. PRICE 530 |
| CTG-1 | CEILING GRILLE | FIXED BAR | SURFACE | OBD | WHITE | E.H. PRICE 530 |
| WL-1 | WALL LOUVER | FIXED BAR DRAINABLE | 6" DEEP | OBD | MILL. | RUSKIN ELF6375OX |
| WL-2 | WALL LOUVER | FIXED BAR DRAINABLE | 2" DEEP | | MILL. | GREENHECK EHH-201 SIZE: 22X10 |

OBD = OPPOSED BLADE DAMPER.
MVD = MANUAL VOLUME DAMPER.

SEE DETAILS 8/M2.1, 9/M2.1, AND 9/M4.0 FOR ALLOWABLE BORING / NOTCHING OF MEMBERS.

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# ATTIC WING HVAC PLAN

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DATE 8/28/2015

REVISED DATE
1 9/22/2015

SHEET M3.8