FAN SCHEDULE

MARK	LOCATION	AREA SERVED	TYPE	AIRFLOW CFM	ESP (IN. WG)	ELECTRICAL VOLTAGE/PHASE	ELECTRICAL AMPS	MAX SONES	STANDARD OF PERFORMANCE	NOTES
EF-A1 THRU A4 B1 THRU B8, C1 THRU C8	BUILDINGS A, B, C, D	BATHROOM	CEILING	50	0.2	115/1/60	0.53	2.0	GREENHECK SP-B70	1,2,3,4,5,6

NOTES:
1. BACKDRAFT DAMPER
2. DISCONNECT
3. SPEED CONTROL
4. WALL SWITCH CONTROL; TIME DELAY SWITCH
5. FAN SHALL BE ENERGY STAR RATED
6. PROVIDE RECESSED FAN ENCLOSURE FOR MOUNTING FAN IN RATED CEILING – REFER TO FAN SPECIFICATIONS SECTION

KITCHEN HOOD SCHEDULE

MARK	LOCATION	AIRFLOW CFM	SONES	FAN SPEED RPM	VOLTAGE/PHASE	AMPS	STANDARD OF PERFORMANCE
KH-A1,A2,B1,B2,B3,B4,C1,C2,C3,C4	KITCHEN	140	6.5	2700	120/1	2.0	BROAN 40000 SERIES

1. PROVIDE UL RATED, CLASS 2 GREASE FILTERS
2. PROVIDE 60 WATT LIGHT BULB FOR HOOD
3. FAN SHALL BE 2-SPEED, SINGLE COIL, THERMALLY PROTECTED, PERMANENTLY LUBRICATED. BALANCE TO AIRFLOW ON SCHEDULE.

SPLIT SYSTEM UNIT SCHEDULE

MARK	AIRFLOW CFM LOW/MED/HI	E.S.P. IN. W.C.	OUTSIDE AIRFLOW CFM	TOTAL COOLING CAPACITY BTUH	SENSIBLE COOLING CAPACITY BTUH	HEATING CAPACITY BTUH	SEER	HSPF	INDOOR UNIT MCA	INDOOR UNIT MOCP	ELECTRIC AUX. HEAT KW	ELECTRIC AUX. HEAT MCA	ELECTRIC AUX. HEAT MOCP	OUTDOOR UNIT MCA	OUTDOOR UNIT MOCP	VOLTAGE/ PHASE	STANDARD OF PERFORMANCE
AHU-A1,A2,C1,C2,C3,C4/HP-A1,A2,C1,C2,C3,C4	420/510/600	0.5"	35	18,000	15,100	20,000	20.0	12.0	1.5	15	5	24.7	25	16.5	20	230/1/60	DAIKIN FTQ18PBVJU/RZQ18PVJU9
AHU-B1,B2,B3,B4/HP-B1,B2,B3,B4	560/680/800	0.5"	45	24,000	18,800	27,000	19.0	11.5	1.5	15	6	31.3	35	16.5	20	230/1/60	DAIKIN FTQ24PBVJU/RZQ24PVJU9

1. PROVIDE WALL MOUNTED TSTAT AT 48" AFF.
2. PROVIDE 4" CONCRETE PAD FOR OUTDOOR UNIT, CHAMFER FULL PERIMETER
3. VERIFY REFRIGERANT PIPING LENGTH IN FIELD, VERIFY SELECTED UNIT CAN MEET VERTICAL AND HORIZONTAL REFRIGERANT RUNS.
4. REFRIGERANT LINES SHALL BE TYPE ACR COPPER AND SIZED PER MANUFACTURERS RECOMMENDATIONS.
5. PROVIDE ALL REFRIGERANT ACCESSORIES AS REQUIRED.
6. PROVIDE CONDENSATE DRAIN PAN WITH FLOAT SWITCH.
7. PROVIDE LITTLE GIANT CONDENSATE PUMP.
8. PROVIDE MERV 6 AIR FILTER IN FILTER RACK IN RETURN PLENUM.
9. PROVIDE DISCONNECT FOR THE AHU, HP, AND AUX. HEAT.

VENTILATION SYSTEM SCHEDULE

MARK	AIRFLOW CFM	TRANSFORMER VOLTAGE	STANDARD OF PERFORMANCE	NOTES
VS-A1,A2,C1,C2,C3,C4	35	120/1/60	HONEYWELL Y8150	1,2,3,4,5,6,7
VS-B1,B2,B3,B4	45	120/1/60	HONEYWELL Y8150	1,2,3,4,5,6,7

NOTES:
1. PROVIDE COMPLETE SYSTEM WITH VENTILATION CONTROL, DAMPER, TRANSFORMER, MOUNTING HARDWARE FOR CONTROL, AND HOMEOWNER LABEL.
2. PROVIDE DUCT TRANSITIONS AS REQUIRED.
3. INSTALL SYSTEM PER MANUFACTURERS INSTRUCTIONS.
4. SET SYSTEM FOR 62.2 VENTILATION MODE.
5. COORDINATE INSTALLATION WITH ELECTRICAL CONTRACTOR.
6. PROVIDE MAINTENANCE ACCESS.
7. MAINTAIN MANUFACTURER'S RECOMMENDED CLEARANCES.

AIR DISTRIBUTION SCHEDULE

MARK	DIFFUSER SIZE (IN. X IN.)	NECK SIZE (IN. X IN.)	MATERIAL	FINISH	DESCRIPTION	STANDARD OF PERFORMANCE	NOTES
S-1	7X4	NA	STEEL	WHITE	22-1/2" DEFLECTION	PRICE 520D	1,5,6
S-2	8X4	NA	STEEL	WHITE	22-1/2" DEFLECTION	PRICE 520D	1,5,6
S-3	10X4	NA	STEEL	WHITE	22-1/2" DEFLECTION	PRICE 520D	1,5,6
S-4	12X12	NA	ALUM	WHITE	4-WAY, DIFFUSER	PRICE ASCD	5,6
R-1	20X18	NA	STEEL	WHITE	LOUVERED FACE	PRICE 530D	5,6
T-1	10X4	NA	STEEL	WHITE	LOUVERED FACE	PRICE STG	5,6,7
T-2	16X8	NA	STEEL	WHITE	LOUVERED FACE	PRICE STG	5,6,7

NOTES:
1. PROVIDE OPPOSED BLADE DAMPER
2. PROVIDE NECK ADAPTER AS REQUIRED
3. PROVIDE LAY-IN FRAME
4. PROVIDE PLASTER FRAME
5. SHALL HAVE MAX NC LEVEL OF 30.
6. PRICE SCHEDULED, OTHER MANUFACTURERS ACCEPTED
7. MOUNT GRILLE ABOVE DOOR WHERE SHOWN ON PLANS

EARTHCRAFT REQUIREMENTS

1. ALL DUCTWORK SHALL COMPLY WITH MANUAL D
2. PENETRATIONS THROUGH INSULATED CEILINGS SHALL BE SEALED.
3. ALL AIR HANDLERS AND DUCT SYSTEMS SEALED WITH MASTIC PASTE.
4. INDOOR AND OUTDOOR COILS SHALL BE ARI PERFORMANCE MATCHED.
5. PROVIDE CODE APPROVED SOLID CONNECTOR FOR ALL FLEX TO FLEX CONNECTIONS.
6. ALL SUPPLY DUCTS SHALL BE DUCTED WITH CODE APPROVED MATERIALS.
7. PROVIDE R-8 (MINIMUM) DUCT INSULATION AROUND ALL DUCTS IN UNCONDITIONED SPACE.
8. ALL OUTSIDE AIR/BATH/SHOWER EXHAUST DUCTS SHALL BE SEALED WITH MASTIC PASTE.
9. LOCATE ALL AIR INTAKES A MINIMUM OF 10 FEET AWAY FROM EXHAUST OUTLETS, VEHICLE IDLING ZONES, ETC.
10. BRANCH RUNOUT DUCTS SHALL BE EQUIPPED WITH A HAND DAMPER.
11. DUCTWORK SHALL COMPLY WITH MANUAL D ON A ROOM-BY-ROOM BASIS.
12. SUPPLY TRUNK SHALL BE RIGID METAL.
13. THERE SHALL BE NO DUCT TAKEOFFS WITHIN 6 INCHES OF TRUNK CAP.
14. RIGID DUCTWORK AND ALL FLEX DUCTS SHALL BE PULLED TIGHT WITH NO PINCHES.
15. THE AIRFLOW FOR EACH DUCT RUN SHALL BE MEASURED AND BALANCED TO WITHIN 20% OF DESIGN VALUE.
16. THERE SHALL BE NO DUCTWORK IN EXTERIOR WALLS OR VAULTED CEILINGS.
17. ALL SUPPLY DUCT TAKE-OFFS SHALL BE SPACED 6 INCHES APART AND NO TAKE-OFFS SHALL OCCUR AT THE DUCT CAP.
18. DUCTWORK SHALL BE DUCT BLASTER TESTED WITH RESULTS 3% OR LESS OF FLOOR AREA SERVED TO OUTSIDE.

MECHANICAL LEGEND - HVAC

- (T) THERMOSTAT
- SUPPLY AIR DIFFUSER – SEE AIR DISTRIBUTION SCHEDULE
- RETURN OR EXHAUST AIR REGISTER – SEE AIR DISTRIBUTION SCHEDULE
- 14X10 RECTANGULAR DUCT – FIRST DIMENSION IS SIDE SHOWN
- 14"ø ROUND DUCT – DIAMETER SHOWN
- ROUND ELBOW
- SQUARE ELBOW W/TURNING VANES
- SUPPLY DUCT RISE
- SUPPLY DUCT DROP
- RETURN OR EXHAUST DUCT RISE
- RETURN OR EXHAUST DUCT DROP
- FD = FIRE DAMPER

GENERAL MECHANICAL NOTES

1.FRESH AIR INTAKES SHALL NOT BE LOCATED CLOSER THAN 10 FEET FROM ANY EXHAUST OR OUTLET VENT.

2.COORDINATE WITH ARCHITECTURAL PLANS FOR ALL FIRE AND/OR SMOKE RATED BUILDING ASSEMBLIES, PROVIDE AND INSTALL U.L. RATED FIRE-STOP ASSEMBLIES IN ANY SUCH AREAS AS REQUIRED BY CODE.

3.WORKMANSHIP: MECHANICAL EQUIPMENT AND ACCESSORIES SHALL BE INSTALLED IN A NEAT WORKMANLIKE MANNER. UNSIGHTLY INSTALLATIONS SHALL BE REMOVED OR REWORKED AT NO EXPENSE TO THE OWNER.

4.DUCTWORK DIMENSIONS GIVEN ARE INSIDE CLEAR. SEE SPECIFICATIONS FOR INSULATION REQUIREMENTS.

5.PROVIDE FLANGES ON CEILING OUTLETS LOCATED IN DRYWALL CEILINGS OR SURFACE MOUNTED OUTLETS.

6.PROVIDE TRANSITION PIECES FROM OUTLET OF AIR HANDLER TO DUCT SIZE INDICATED ON PLANS. COORDINATE WITH AIR HANDLER MANUFACTURER FOR OUTLET SIZE.

7.REFER TO ELECTRICAL AND PLUMBING DRAWINGS FOR ADDITIONAL COORDINATION WITH THESE DRAWINGS.

8.SEAL ALL WALL, ROOF AND FLOOR PENETRATIONS BY MECHANICAL AND ELECTRICAL SERVICE AIRTIGHT.

9.DO NOT BLOCK TUBE PULL OR SERVICE SPACE ON EQUIPMENT WITH PIPING, DUCTWORK, ETC. (FLANGE OR REMOVABLE SECTION MAY BE USED IN SOME INSTANCES WHERE TIGHT CLEARANCE EXIST)

10.DO NOT BLOCK FILTER REMOVAL ON EQUIPMENT WITH PIPING, DUCTWORK, ETC. DEMONSTRATE FILTER REMOVAL TO OWNER'S REPRESENTATIVE FOR EACH UNIT AS PART OF TRAINING.

11.EQUIPMENT SIZES AND SERVICE SPACE REQUIREMENTS MAY VARY BETWEEN DIFFERENT MANUFACTURERS. CONSULT APPROVED MANUFACTURER AS SUBMITTED, AND COORDINATE WITH THESE DRAWINGS.

12.PROVIDE CHROME-PLATED ESCUTCHEONS AT ALL EXPOSED PIPE PENETRATIONS THROUGH WALLS.

13.COORDINATE ALL PENETRATIONS OF FLOOR SLABS, ROOF AND WALLS WITH STRUCTURAL DRAWINGS.

14.PROVIDE COMPANION OPPOSED BLADE VOLUME DAMPERS WITH ALL DIFFUSERS MOUNTED IN DRYWALL.

15.CONTRACTOR SHALL VERIFY CLEARANCE REQUIREMENTS AND INDICATED ROUTING OF DUCTWORK PRIOR TO FABRICATION AS RISES AND DROPS MAY BE NECESSARY DUE TO THE TRUSS FRAMING SYSTEM.

16.CONTRACTOR SHALL PROVIDE CERTIFIED AIR SYSTEM BALANCE. BALANCING CONTRACTOR SHALL BE AABC OR NEBB CERTIFIED. PROVIDE REPORT TO ENGINEER/ARCHITECT.

17.ALL SUPPLY, RETURN AND OUTSIDE AIR DUCTWORK SHALL BE EXTERNALLY INSULATED UNLESS OTHERWISE NOTED. INSULATE DUCT SYSTEM WITH 2 INCH, 1 LB DENSITY, FOIL FACED FIBERGLASS INSULATION WITH VAPOR BARRIER ON THE OUTSIDE. INSTALL PER SMACNA STANDARDS. INSULATED FLEX DUCT SHALL HAVE A MINIMUM R-6 INSULATION VALUE. (EXCEPTION: DUCT LOCATED OUTSIDE THE BUILDING INSULATION LAYER SHALL BE 2 INCH, 1.5 LB DENSITY AND FLEX DUCT TO BE R-8).

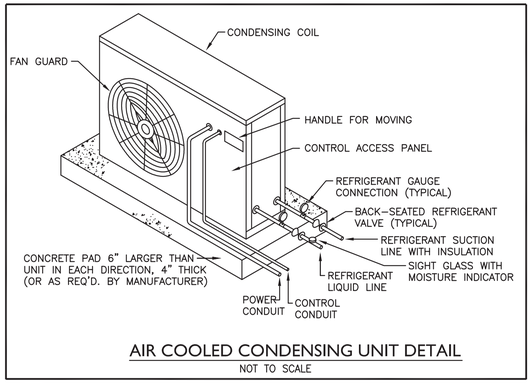
18.PROVIDE 7-DAY PROGRAMMABLE THERMOSTAT; LOCATE AS SHOWN ON PLANS.

19.PROVIDE LOW AMBIENT CONTROL TO 0 DEGREE FAHRENHEIT FOR ALL REFRIGERANT EQUIPMENT.

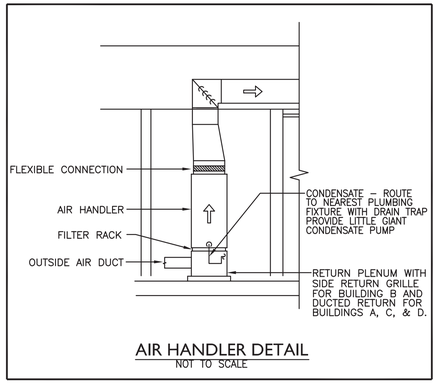
20.VARIATION OF DUCT CONFIGURATION OR SIZES OTHER THAN THOSE OF EQUIVALENT OR LOWER LOSS COEFFICIENT IS NOT PERMITTED EXCEPT BY WRITTEN PERMISSION. SIZE ROUND DUCTS INSTALLED IN PLACE OF RECTANGULAR DUCTS IN ACCORDANCE WITH ASHRAE TABLE OF EQUIVALENT RECTANGULAR AND ROUND DUCTS.

21.EQUIPMENT AND MATERIALS SUBMITTED AS ALTERNATES TO THE SPECIFIED DATA MUST BE CLEARLY MARKED AS TO THE DIFFERENCES IN SUBMITTED VERSUS SPECIFIED. FAILURE TO CLEARLY MARK THE SUBMITTALS AS SUCH IS GROUNDS FOR REJECTION. SUBMITTALS NOT CLEARLY MARKED AS BEING ALTERNATE TO THE SPECIFIED DATA CAN BE ASSUMED TO MEET ALL SPECIFIED REQUIREMENTS AND PROVIDER IS RESPONSIBLE TO PROVIDE AS SUCH.

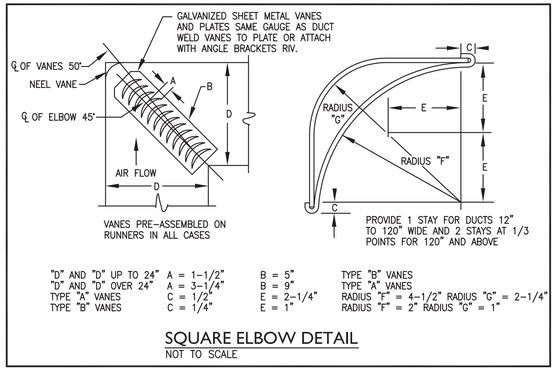
22.REFRIGERANT PIPE INSULATION SHALL BE FLEXIBLE, CLOSED CELL ELASTOMERIC PIPE INSULATION. INSULATION MATERIAL SHALL BE CLOSED CELL STRUCTURE TO PREVENT MOISTURE FROM WICKING AND SHALL HAVE A FLAME SPREAD INDEX OF LESS THAN 25 AND A SMOKE DEVELOPED INDEX OF LESS THAN 50 AS TESTED PER ASTM E 84.



AIR COOLED CONDENSING UNIT DETAIL
NOT TO SCALE



AIR HANDLER DETAIL
NOT TO SCALE



SQUARE ELBOW DETAIL
NOT TO SCALE

COMMONWEALTH OF VIRGINIA
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HVAC NOTES, LEGENDS, SCHEDULES, & DETAILS

Purpose of Document Issue

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Project No. 12655-05

THOMPSON & LITTON

Sheet No.
M001

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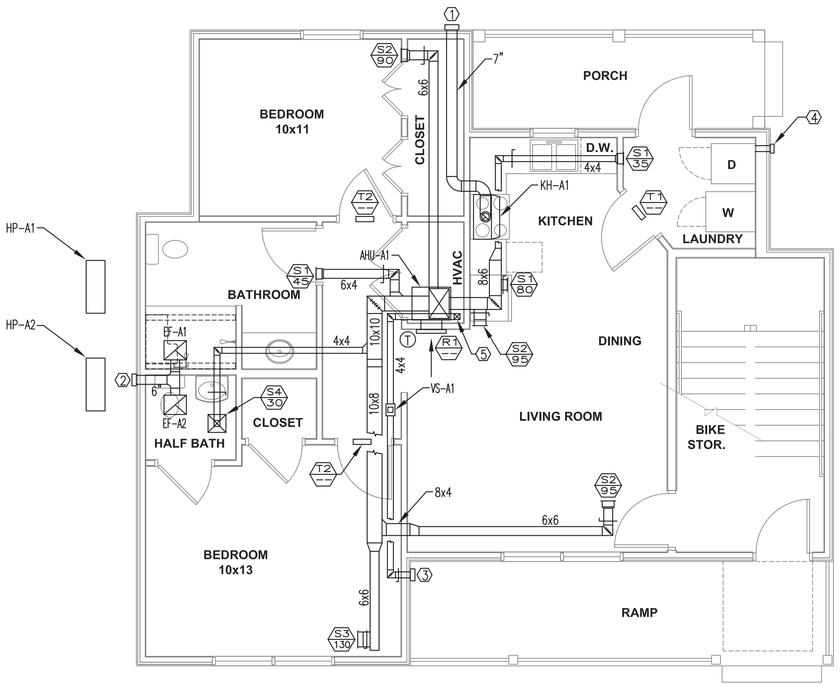
GENERAL NOTES:

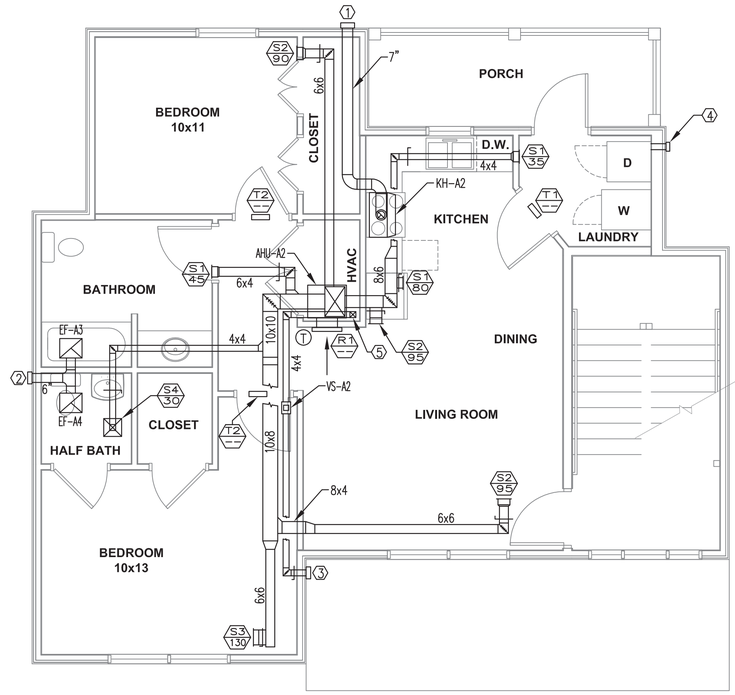
1 KITCHEN HOOD EXHAUST, EXHAUST FAN EXHAUST AND OUTSIDE AIR DUCTS SHALL BE RUN IN TRUSSES.
2 INSULATE OUTSIDE AIR DUCT WITH TWO INCHES OF INSULATION. REFER TO SPECIFICATIONS.
3 INSTALL EQUIPMENT ACCORDING TO MANUFACTURER'S RECOMMENDED REFRIGERANT LINE LENGTHS.
4 VENTILATION SYSTEM SHALL HAVE ACCESS DOORS FOR MAINTENANCE.
5 DUCT RUNOUTS TO GRILLES SHALL BE SAME SIZE AS GRILLES – REFER TO AIR DISTRIBUTION SCHEDULE.
6 EXHAUST OUTLETS SHALL BE A MINIMUM OF 3 FEET FROM BUILDING OPENINGS.
OUTSIDE AIR INTAKES SHALL BE A MINIMUM OF 10 FEET FROM EXHAUST OUTLETS.
7 SUPPLY AND RETURN DUCT ELBOWS SHALL HAVE TURNING VANES

KEYED NOTES:

1 7" KITCHEN HOOD EXHAUST WALL CAP WITH GRAVITY DAMPER AND BIRD SCREEN.
2 6" EXHAUST WALL CAP WITH GRAVITY DAMPER AND BIRD SCREEN.
3 4x4 OUTSIDE AIR WALL CAP WITH BIRD SCREEN.
4 4" DRYER EXHAUST DUCT TO WALL VENT WITH BACKDRAFT DAMPER.
5 ROUTE 4X4 FRESH AIR DUCT OVER AHU AND CONNECT TO RETURN PLENUM BELOW AHU.



TYPE–A/D BUILDING – LOWER LEVEL
SCALE: 1/4"=1'–0"



TYPE–A/D BUILDING – UPPER LEVEL
SCALE: 1/4"=1'–0"

0 2' 4' 8'
SCALE: 1/4" = 1'–0"

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BRHA - TVO-1460.00.MF.0915
BUILDING A & D
UPPER AND LOWER LEVEL HVAC

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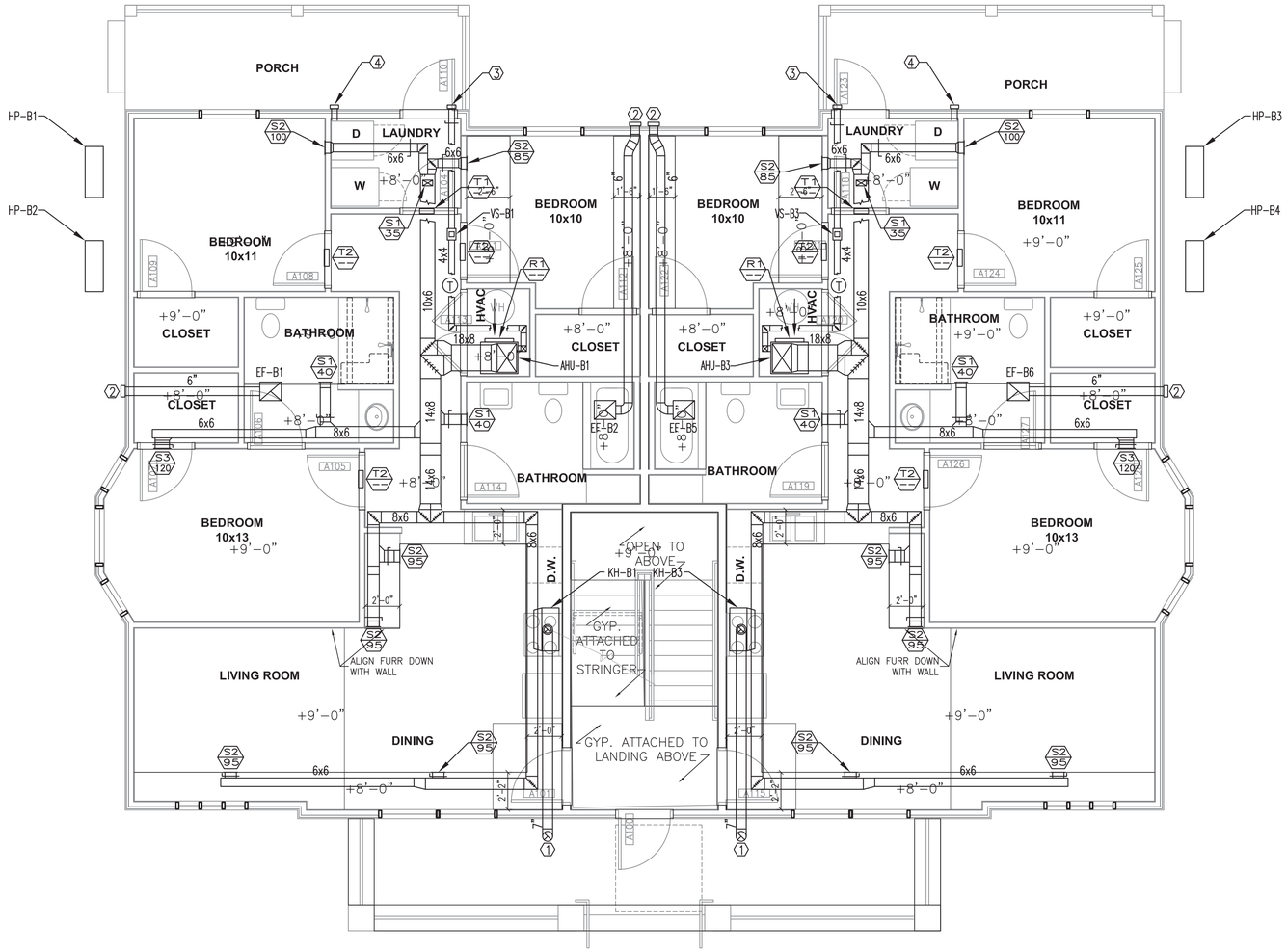
Sheet No.
M101



TYPE-B BUILDING - LOWER LEVEL

SCALE: 1/4"=1'-0"

GENERAL NOTES:

1 KITCHEN HOOD EXHAUST, EXHAUST FAN EXHAUST AND OUTSIDE AIR DUCTS SHALL BE RUN IN TRUSSES.
2 INSULATE OUTSIDE AIR DUCT WITH TWO INCHES OF INSULATION. REFER TO SPECIFICATIONS.
3 INSTALL EQUIPMENT ACCORDING TO MANUFACTURER'S RECOMMENDED REFRIGERANT LINE LENGTHS.
4 VENTILATION SYSTEM SHALL HAVE ACCESS DOORS FOR MAINTENANCE.
5 DUCT RUNOUTS TO GRILLES SHALL BE SAME SIZE AS GRILLES – REFER TO AIR DISTRIBUTION SCHEDULE
6 EXHAUST OUTLETS SHALL BE A MINIMUM OF 3 FEET FROM BUILDING OPENINGS. OUTSIDE AIR INTAKES SHALL BE A MINIMUM OF 10 FEET FROM EXHAUST OUTLETS.
7 SUPPLY AND RETURN DUCT ELBOWS SHALL HAVE TURNING VANES.

KEYED NOTES:

(1) 7" KITCHEN HOOD EXHAUST UP TO ROOF CAP WITH GRAVITY DAMPER AND BIRD SCREEN.
(2) 6" EXHAUST WALL CAP WITH GRAVITY DAMPER AND BIRD SCREEN.
(3) 4x4 OUTSIDE AIR WALL CAP WITH BIRD SCREEN. MOUNT AT HIGHEST POINT ON EXTERIOR WALL.
(4) 4" DRYER EXHAUST DUCT TO WALL VENT WITH BACKDRAFT DAMPER. MOUNT AT LOWEST POINT ON EXTERIOR WALL.
(5) ROUTE 4X4 FRESH AIR DUCT TO RETURN PLENUM BELOW AHU. RETURN SHALL HAVE 20x18 OPENING.

0 2' 4' 8'

SCALE: 1/4" = 1'-0"

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BUILDING B
LOWER LEVEL HVAC

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Project No. 12655-05

THOMPSON & LITTON

Sheet No. M102A

GENERAL NOTES:

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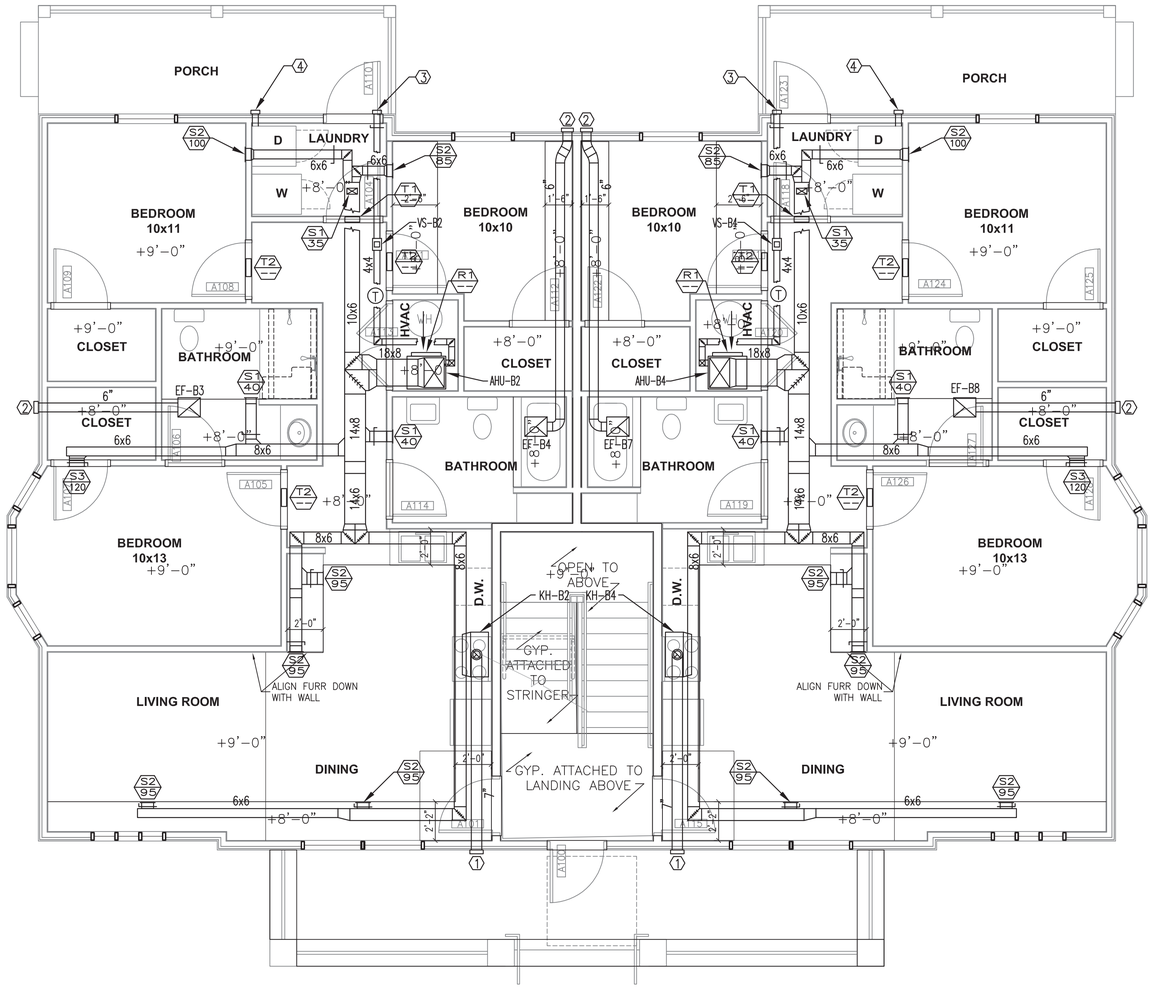
7 SUPPLY AND RETURN DUCT ELBOWS SHALL HAVE TURNING VANES.

KEYED NOTES:

1 7" KITCHEN HOOD EXHAUST TO WALL CAP WITH GRAVITY DAMPER AND BIRD SCREEN.
2 6" EXHAUST WALL CAP WITH GRAVITY DAMPER AND BIRD SCREEN.
3 4x4 OUTSIDE AIR WALL CAP WITH BIRD SCREEN. MOUNT AT HIGHEST POINT ON EXTERIOR WALL.
4 4" DRYER EXHAUST DUCT TO WALL VENT WITH BACKDRAFT DAMPER. MOUNT AT LOWEST POINT ON EXTERIOR WALL.
5 ROUTE 4X4 FRESH AIR DUCT OVER AHU AND CONNECT TO RETURN PLENUM BELOW AHU.



TYPE-B BUILDING – UPPER LEVEL

SCALE: 1/4"=1'-0"

0 2' 4' 8'

SCALE: 1/4" = 1'-0"

COMMONWEALTH OF VIRGINIA
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BRHA - TVO-1460.00.MF.0915
BUILDING B
UPPER LEVEL HVAC

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File No.	

Project No. 12655-05

THOMPSON & LITTON

Sheet No. M102B

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GENERAL NOTES:

1 KITCHEN HOOD EXHAUST, EXHAUST FAN EXHAUST AND OUTSIDE AIR DUCTS SHALL BE RUN IN TRUSSES.
2 INSULATE OUTSIDE AIR DUCT WITH TWO INCHES OF INSULATION. REFER TO SPECIFICATIONS.
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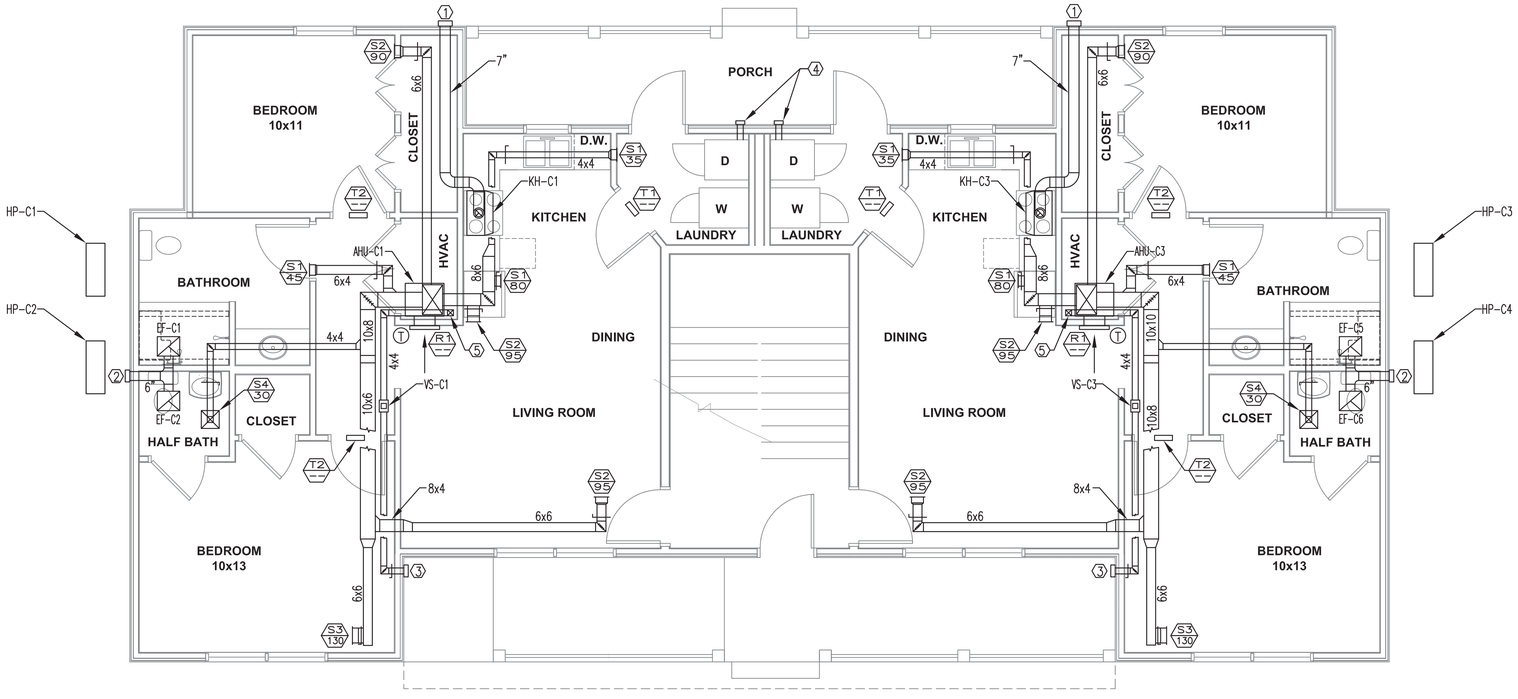
KEYED NOTES:

(1) 7" KITCHEN HOOD EXHAUST WALL CAP WITH GRAVITY DAMPER AND BIRD SCREEN.
(2) 6" EXHAUST WALL CAP WITH GRAVITY DAMPER AND BIRD SCREEN.
(3) 4x4 OUTSIDE AIR WALL CAP WITH BIRD SCREEN.
(4) 4" DRYER EXHAUST DUCT TO WALL VENT WITH BACKDRAFT DAMPER.
(5) ROUTE 4X4 FRESH AIR DUCT OVER AHU AND CONNECT TO RETURN PLENUM BELOW AHU.



TYPE–C BUILDING – LOWER LEVEL

SCALE: 1/4"=1'–0"

SCALE: 1/4" = 1'–0"

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THE VILLAGE AT OAKVIEW
BRISTOL, VIRGINIA
BRHA - TVO-1460.00.MF.0915
BUILDING C
LOWER LEVEL HVAC

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12655-05

THOMPSON & LITTON

Sheet No.
M103A

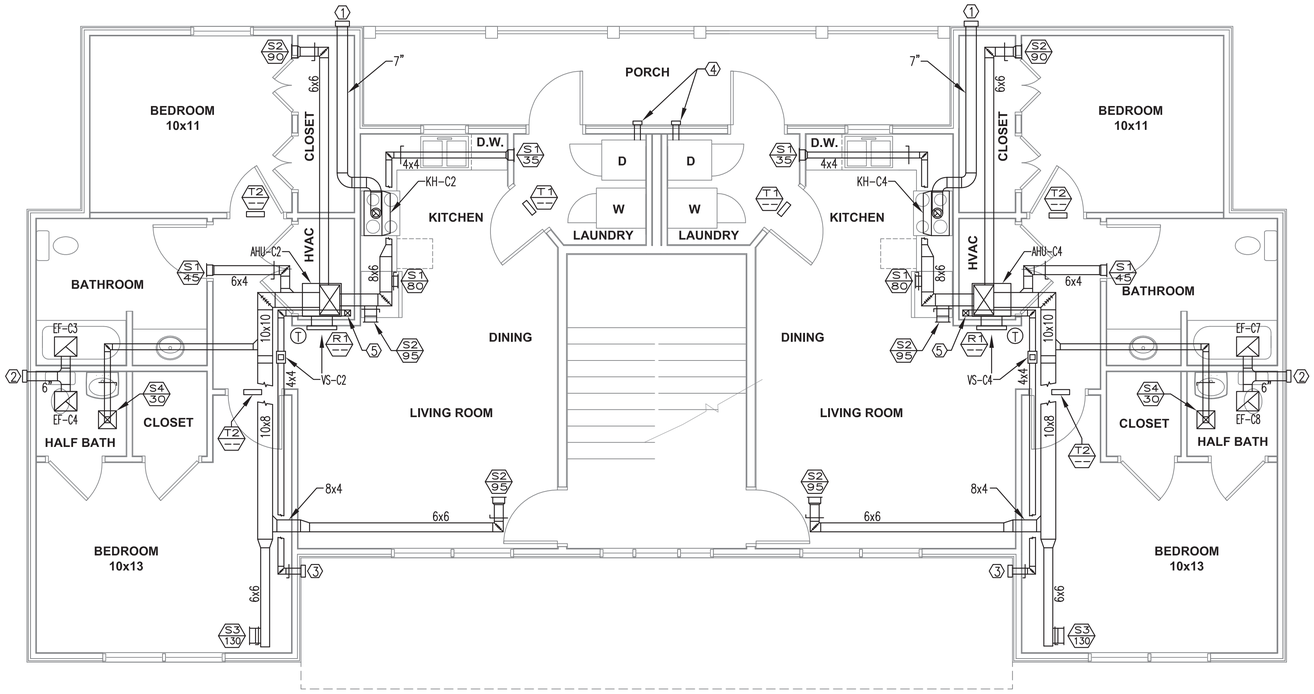
User: steven_zimmy Date/Time: Sep 11, 2015 - 3:05pm Filename: T:\projects\12655 Village at Oak View - Old BHRA Bonham Circle\MECHANCIAL-ELECTRICAL-PLUMBING\CAD\MECH\working\Mechanical Bldg C.dwg

GENERAL NOTES:

1 KITCHEN HOOD EXHAUST, EXHAUST FAN EXHAUST AND OUTSIDE AIR DUCTS SHALL BE RUN IN TRUSSES.
2 INSULATE OUTSIDE AIR DUCT WITH TWO INCHES OF INSULATION. REFER TO SPECIFICATIONS.
3 INSTALL EQUIPMENT ACCORDING TO MANUFACTURER'S RECOMMENDED REFRIGERANT LINE LENGTHS.
4 VENTILATION SYSTEM SHALL HAVE ACCESS DOORS FOR MAINTENANCE.
5 DUCT RUNOUTS TO GRILLES SHALL BE SAME SIZE AS GRILLES – REFER TO AIR DISTRIBUTION SCHEDULE
6 EXHAUST OUTLETS SHALL BE A MINIMUM OF 3 FEET FROM BUILDING OPENINGS. OUTSIDE AIR INTAKES SHALL BE A MINIMUM OF 10 FEET FROM EXHAUST OUTLETS.
7 SUPPLY AND RETURN DUCT ELBOWS SHALL HAVE TURNING VANES.

KEYED NOTES:

(1) 7" KITCHEN HOOD EXHAUST WALL CAP WITH GRAVITY DAMPER AND BIRD SCREEN.
(2) 6" EXHAUST WALL CAP WITH GRAVITY DAMPER AND BIRD SCREEN.
(3) 4x4 OUTSIDE AIR WALL CAP WITH BIRD SCREEN.
(4) 4" DRYER EXHAUST DUCT TO WALL VENT WITH BACKDRAFT DAMPER TYPICAL.
(5) ROUTE 4X4 FRESH AIR DUCT OVER AHU AND CONNECT TO RETURN PLENUM BELOW AHU.



TYPE–C BUILDING – UPPER LEVEL

SCALE: 1/4"=1'–0"

0 2' 4' 8'

SCALE: 1/4" = 1'–0"

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9/14/15
COMMONWEALTH OF VIRGINIA
PROFESSIONAL ENGINEER

BRISTOL REDEVELOPMENT & HOUSING AUTHORITY
THE VILLAGE AT OAKVIEW
BRISTOL, VIRGINIA
BRHA - TVO-1460.00.MF.0915
BUILDING C
UPPER LEVEL HVAC

No.	Date	Purpose of Document Issue

Designed	SZ
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Project No.
12655-05

THOMPSON & LITTON

Sheet No.
M103B

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