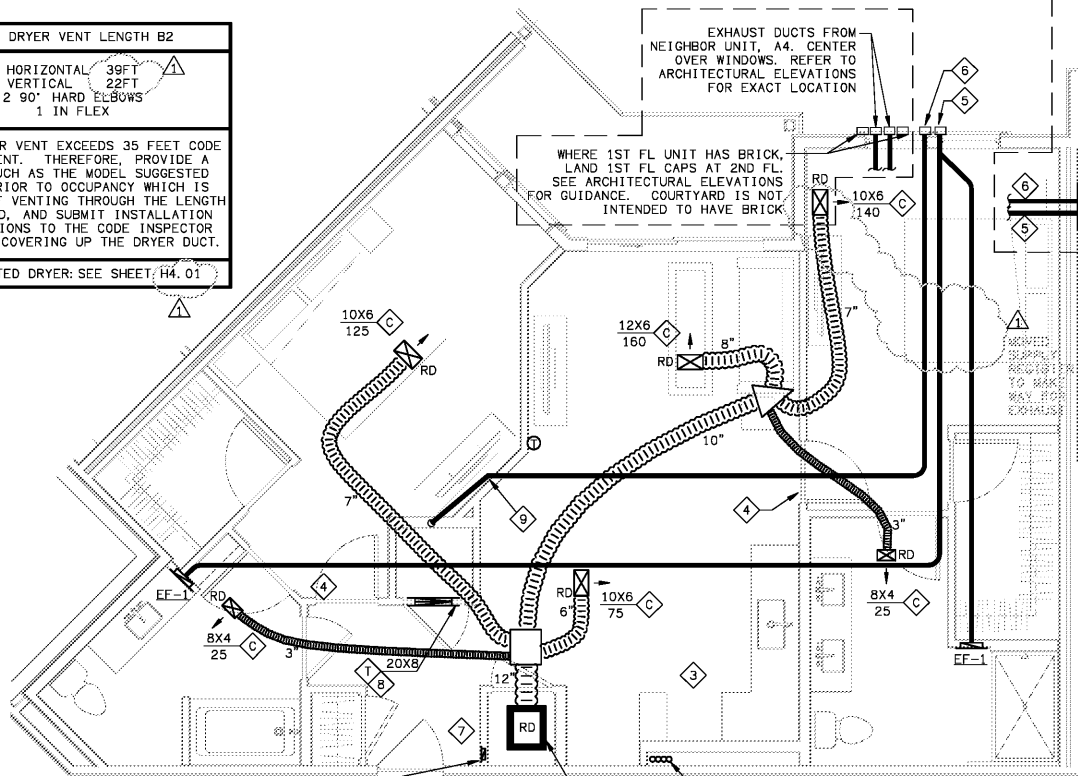


MAX DRYER VENT LENGTH B2	
HORIZONTAL	39FT
VERTICAL	22FT
2 90° HARD ELBOWS 1 IN FLEX	
THIS DRYER VENT EXCEEDS 35 FEET CODE EQUIVALENT. THEREFORE, PROVIDE A DRYER SUCH AS THE MODEL SUGGESTED BELOW PRIOR TO OCCUPANCY WHICH IS CAPABLE OF VENTING THROUGH THE LENGTH INSTALLED, AND SUBMIT INSTALLATION INSTRUCTIONS TO THE CODE INSPECTOR PRIOR TO COVERING UP THE DRYER DUCT.	
SUGGESTED DRYER: SEE SHEET H4.01	



6x30
MOUNT JUST ABOVE BASEBOARD FOR RETURN AIR. FINISH OPENING WITH DRYWALL OR GALV STEEL COLLAR. FOR THIS UNIT TYPE, PROVIDE THE GRILLE ABOVE THE AHU CLOSET DOOR AS A NON-LOUVERED ACCESS PANEL. THIS IS TO KEEP RETURN 10 FEET FROM THE STOVE, AS IS CODE REQUIRED.

2 UNIT B2 - HVAC PLAN
SCALE: 1/4"=1'-0"
18025-H-UNIT

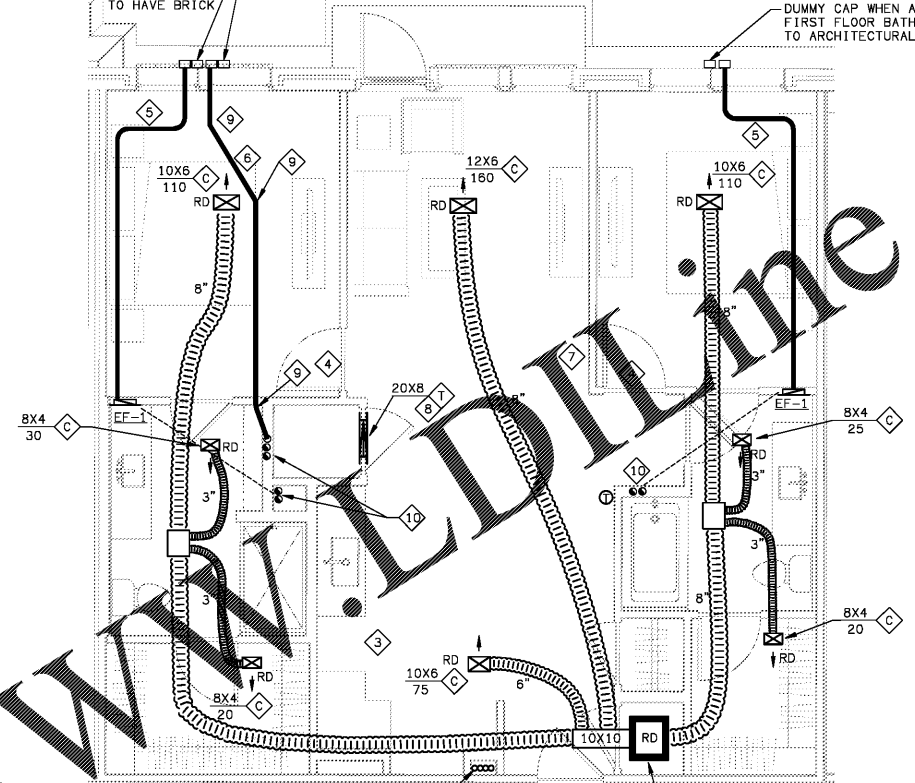
ROUTE UNIT B2 EXHAUST DUCTS THIS WAY WHEN UNIT B2 IS ON THE END OF BUILDING 3. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION

WHERE 1ST FL UNIT HAS BRICK, LAND 1ST FL CAPS AT 2ND FL. SEE ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION

WHERE 1ST FL UNIT HAS BRICK, LAND 1ST FL CAPS AT 2ND FL. SEE ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION. COURTYARD IS NOT INTENDED TO HAVE BRICK

WHERE THIS LIVING UNIT TYPE APPEARS ABOVE THE CLUBHOUSE OR RETAIL WITH EXTERIOR WALL ON THE NON-COURTYARD SIDE, TERMINATE BATH AND DRYER EXHAUSTS AT ROOF AS INDICATED

MAX DRYER VENT LENGTH B1	
HORIZONTAL	18FT
VERTICAL	22FT
1 90° HARD ELBOW 1 IN FLEX	
THIS DRYER VENT EXCEEDS 35 FEET CODE EQUIVALENT. THEREFORE, PROVIDE A DRYER SUCH AS THE MODEL SUGGESTED BELOW PRIOR TO OCCUPANCY WHICH IS CAPABLE OF VENTING THROUGH THE LENGTH INSTALLED, AND SUBMIT INSTALLATION INSTRUCTIONS TO THE CODE INSPECTOR PRIOR TO COVERING UP THE DRYER DUCT.	
SUGGESTED DRYER: SEE SHEET H4.09	



DUMMY CAP WHEN APPLICABLE OR FIRST FLOOR BATH EXHAUST. REFER TO ARCHITECTURAL ELEVATIONS.

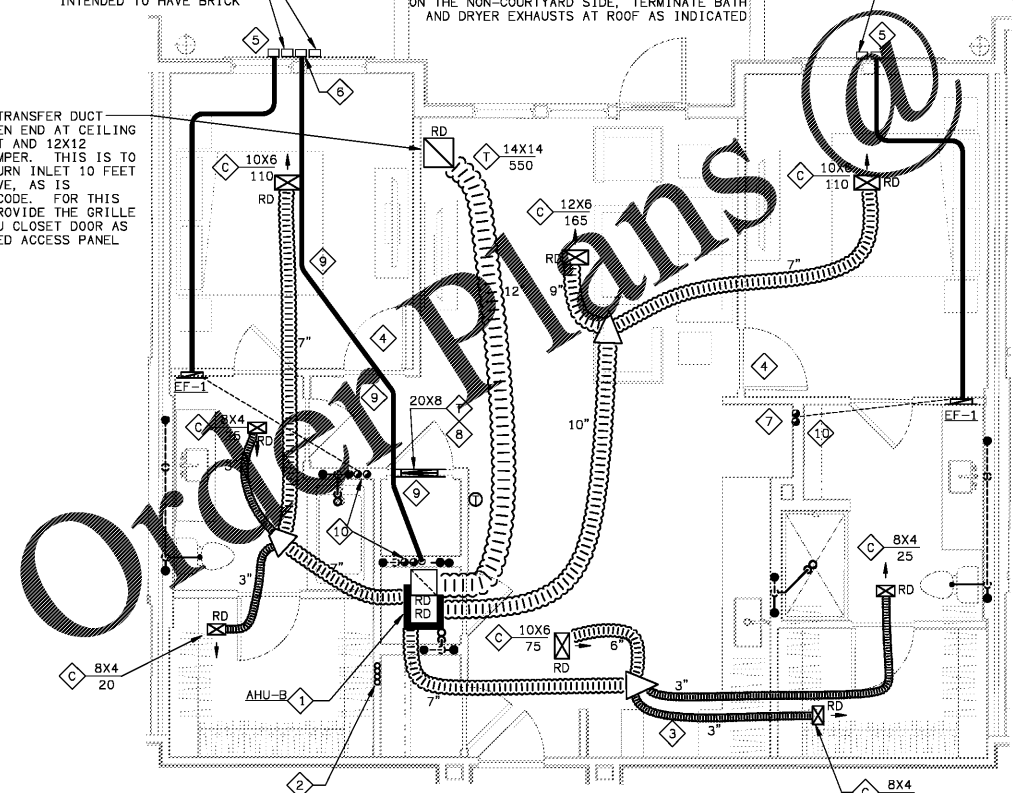
1 UNIT B1 - HVAC PLAN
SCALE: 1/4"=1'-0"
18025-H-UNIT

WHERE 1ST FL UNIT HAS BRICK, LAND 1ST FL CAPS AT 2ND FL. SEE ARCHITECTURAL ELEVATIONS FOR GUIDANCE. COURTYARD IS NOT INTENDED TO HAVE BRICK

WHERE THIS LIVING UNIT TYPE APPEARS ABOVE THE CLUBHOUSE OR RETAIL WITH EXTERIOR WALL ON THE NON-COURTYARD SIDE, TERMINATE BATH AND DRYER EXHAUSTS AT ROOF AS INDICATED

DUMMY CAP WHEN APPLICABLE. REFER TO ARCHITECTURAL ELEVATIONS

TURN RETURN TRANSFER DUCT DOWN WITH OPEN END AT CEILING OF AHU CLOSET AND 12X12 RADIATION DAMPER. THIS IS TO KEEP THE RETURN INLET 10 FEET FROM THE STOVE, AS IS REQUIRED BY CODE. FOR THIS UNIT TYPE, PROVIDE THE GRILLE ABOVE THE AHU CLOSET DOOR AS A NON-LOUVERED ACCESS PANEL



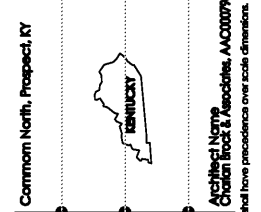
3 UNIT B3 - HVAC PLAN
SCALE: 1/4"=1'-0"
18025-H-UNIT

MAX DRYER VENT LENGTH B3	
HORIZONTAL	25FT
VERTICAL	22FT
1 90° HARD ELBOW 1 IN FLEX	
THIS DRYER VENT EXCEEDS 35 FEET CODE EQUIVALENT. THEREFORE, PROVIDE A DRYER SUCH AS THE MODEL SUGGESTED BELOW PRIOR TO OCCUPANCY WHICH IS CAPABLE OF VENTING THROUGH THE LENGTH INSTALLED, AND SUBMIT INSTALLATION INSTRUCTIONS TO THE CODE INSPECTOR PRIOR TO COVERING UP THE DRYER DUCT.	
SUGGESTED DRYER: SEE SHEET H4.01 FOR 1ST FLOOR NON-COURTYARD, AND H4.09 OTHERWISE	

HVAC SHEET NOTES

- MOUNT AHU PER DETAIL ON SHEET H6.01. SEE HEAT PUMP SCHEDULE ON SHEET H6.01.
- REFRIGERANT LINES TO CU'S ON ROOF. PROVIDE THRU FIRESTOP PENETRATION ASSEMBLY AT TRUSS PENETRATIONS. WHERE REFRIGERANT LINES ENTER TRUSSES FROM ACCESSIBLE AREAS OUTSIDE OF WALLS OR CAVITIES, PROVIDE THRU PENETRATION WITH A 1-HOUR T-RATING AS WELL AS A 1-HOUR F-RATING.
- UNLIMITED DUCTLESS VENTILATING DEVICE FOR STOVE.
- UNDERCUT DOOR 1" ABOVE FINISHED FLOOR.
- ROUTE ROUND BATH EXHAUST PER BATH EXHAUST DETAIL ON SHEET H6.05. 4" UNLESS OTHERWISE NOTED.
- ROUTE 4" DRYER VENT PER DRYER VENTING DETAIL ON SHEET H6.05.
- AVOID ROUTING DUCT OVER ELECTRICAL PANEL IN THIS AREA.
- PROVIDE GRILLE ON BOTH SIDES OF WALL ABOVE DOOR FOR DRYER MAKEUP OR RETURN AIR TRANSFER. CONNECT WITH GALVANIZED STEEL COLLAR. CENTER OVER THE DOOR. ANGLE GRILLE BLADES UP.
- PROVIDE ELBOW AS LESS THAN 45° SO AS TO KEEP THE TOTAL DRYER VENT LENGTH AS SHORT AS POSSIBLE.
- VENT TO ROOF WHERE THIS UNIT TYPE APPEARS ABOVE THE CLUBHOUSE OR ABOVE RETAIL ON THE FRONT FACE OF THE BUILDING. WALL VENTS ARE ACCEPTABLE ON THE COURTYARD SIDE. PROVIDE AS 4" AND 26 GAGE GALV STEEL, AND OTHERWISE COMPLY WITH THE REQUIREMENTS OF THE EXCEPTION OF SECTION 607.6.1 OF THE MECHANICAL CODE. TERMINATE WITH CURBED ROOF CAP. PROVIDE BIOSCREEN FOR BATH EXHAUST. PROVIDE BACKDRAFT DAMPER AND NO SCREEN FOR DRYER VENT.

THE EXACT POSITION OF THE EXHAUST CAPS IS IMPORTANT. USUALLY CENTERED ABOVE WINDOWS. SEE ARCHITECTURAL ELEVATIONS



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UNIT B1, B2, AND B3
HVAC
PLAN

date: 06-04-2019
job no: 3789.15
drawn by: GNIK
reviewed by: GNIK
file: 18025-H-UNIT
issue history:
07-03-2019

H4.04

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