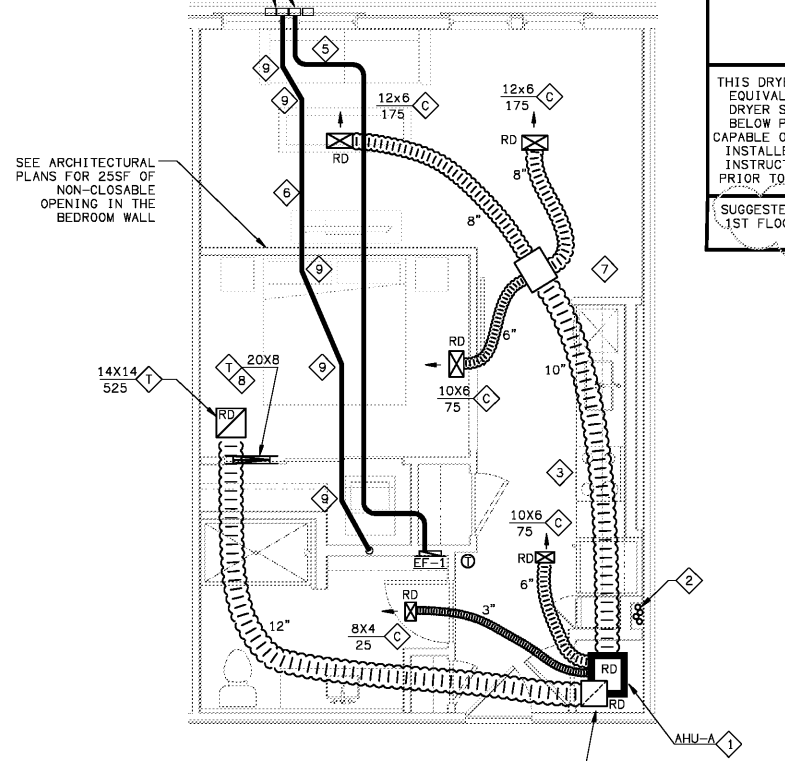


WHERE 1ST FL UNIT HAS BRICK, LAND 1ST FL CAPS AT 2ND FL. SEE ARCHITECTURAL ELEVATIONS FOR GUIDANCE. COURTYARD IS NOT INTENDED TO HAVE BRICK



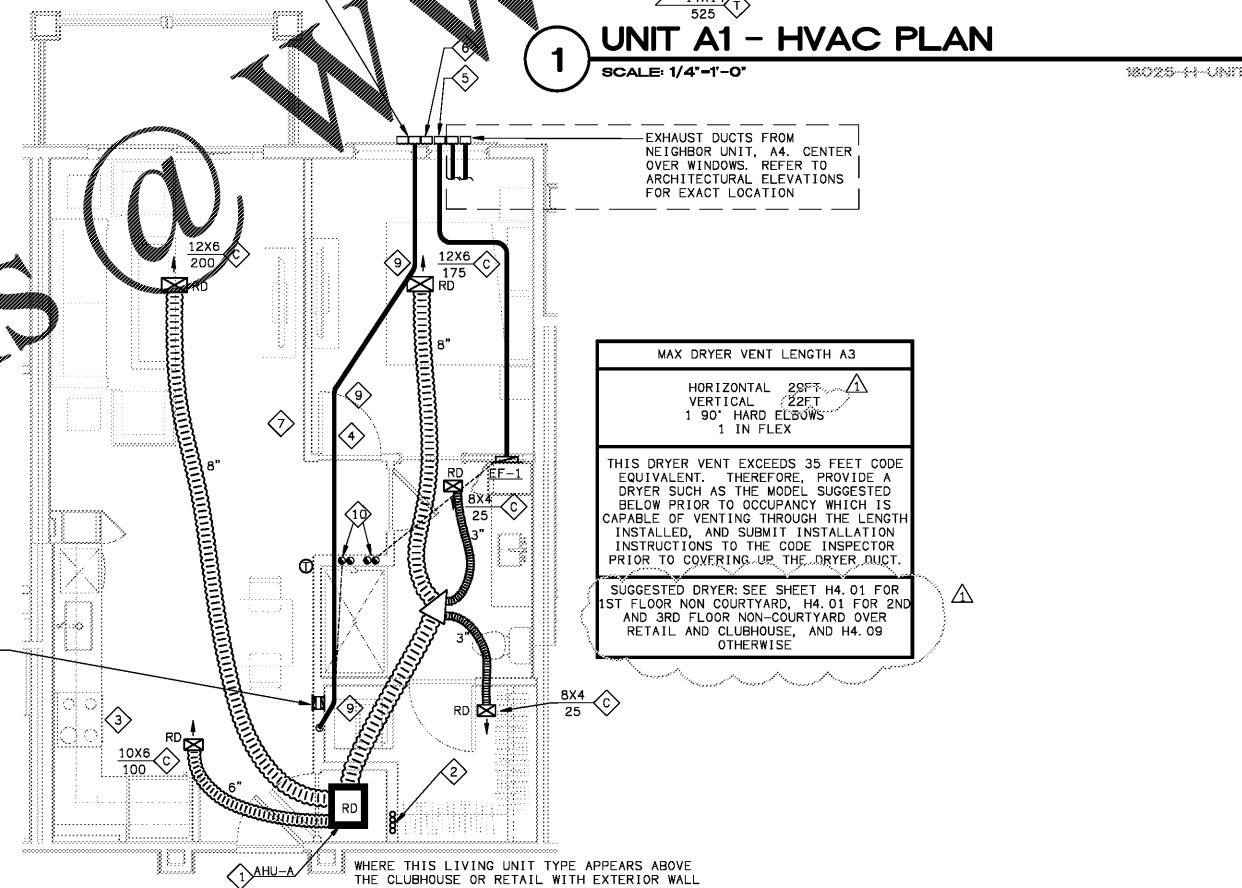
2 UNIT A2 - HVAC PLAN
SCALE: 1/4"=1'-0"
18025-H-UNIT

TURN RETURN TRANSFER DUCT DOWN WITH OPEN END AT CEILING 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 AHJ CLOSET DOOR AS A NON-LOUVERED ACCESS PANEL

MAX DRYER VENT LENGTH A2	
HORIZONTAL	26FT
VERTICAL	11FT
1 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 FOR 1ST FLOOR NON COURTYARD, AND H4.09 OTHERWISE	

MAX DRYER VENT LENGTH A1	
HORIZONTAL	26FT
VERTICAL	11FT
1 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 H4.09	

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



1 UNIT A1 - HVAC PLAN
SCALE: 1/4"=1'-0"
18025-H-UNIT

MAX DRYER VENT LENGTH A3	
HORIZONTAL	28FT
VERTICAL	22FT
1 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 FOR 1ST FLOOR NON COURTYARD, H4.01 FOR 2ND AND 3RD FLOOR NON-COURTYARD OVER RETAIL AND CLUBHOUSE, AND H4.09 OTHERWISE	

6x24 MOUNT JUST ABOVE BASEBOARD FOR DRYER MAKEUP AIR. FINISH OPENING WITH DRYWALL OR GALV STEEL COLLAR.

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

3 UNIT A3 - 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

EXHAUST DUCTS FROM NEIGHBOR UNIT, A4. CENTER OVER WINDOWS. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION

EXHAUST DUCTS FROM NEIGHBOR UNIT, A4. CENTER OVER WINDOWS. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION

SEE ARCHITECTURAL PLANS FOR 25SF OF NON-CLOSABLE OPENING IN THE BEDROOM WALL

TURN RETURN TRANSFER DUCT DOWN WITH OPEN END AT CEILING 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 AHJ CLOSET DOOR AS A NON-LOUVERED ACCESS PANEL

EXHAUST DUCTS FROM NEIGHBOR UNIT, A4. CENTER OVER WINDOWS. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION

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 DUCTS FOR SERVICE.
- UNDERCUT FLOOR 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 A1, A2 AND A3
HVAC
PLANS

date: 06-04-2019
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07-03-2019

H4.02

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