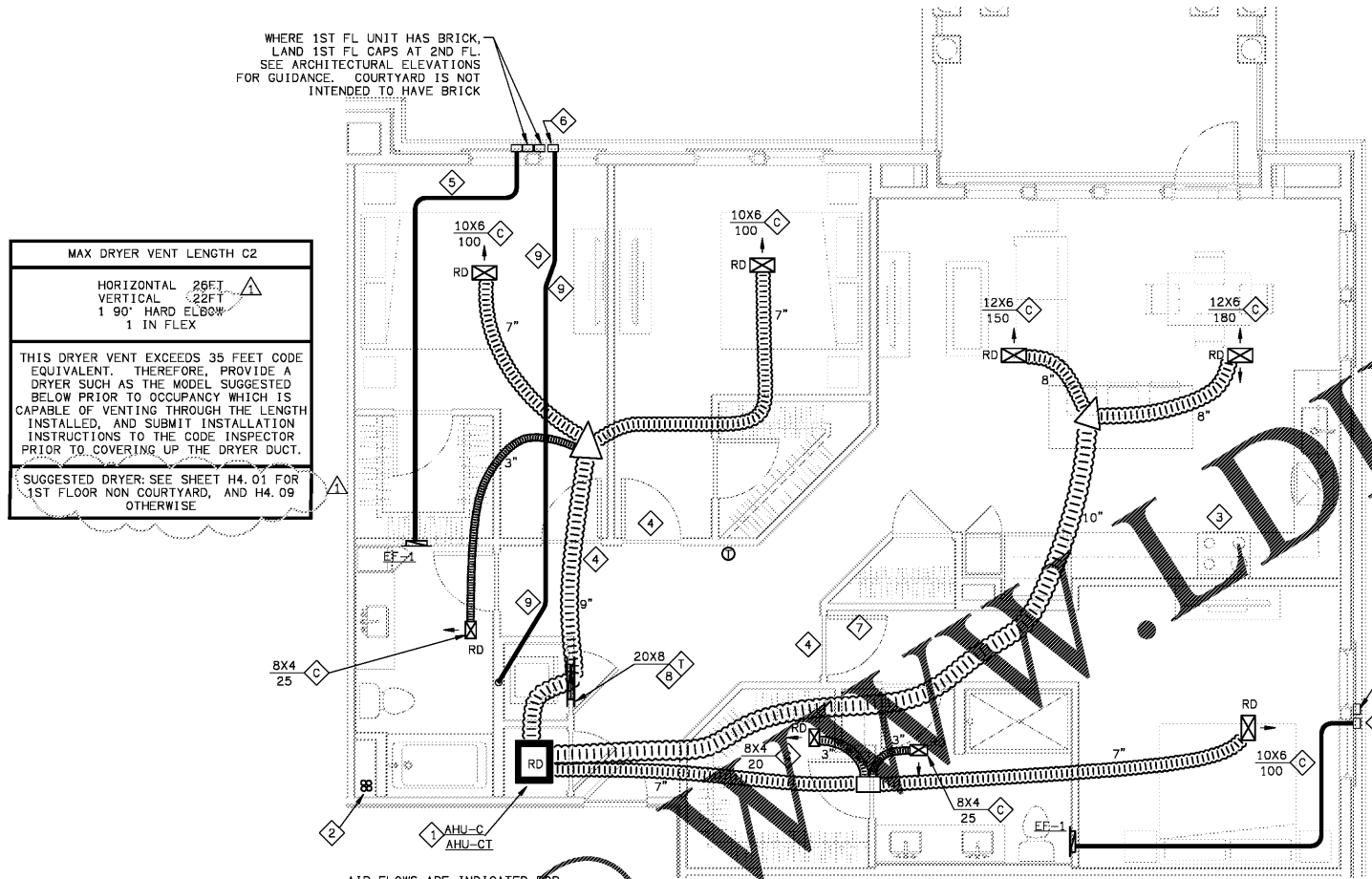


Order Plans



MAX DRYER VENT LENGTH C2	
HORIZONTAL	26FT
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

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

AIR FLOWS ARE INDICATED FOR THE LARGER AHU-CT. BALANCE EACH SUPPLY PROPORTIONALLY LOWER WHERE AHU-B IS USED

UNIT C2 - HVAC PLAN
SCALE: 1/4"=1'-0"
18025-H-UNIT

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.
- UNLISTED DUCTLESS VENTILATING DEVICE FOR 3 VES.
- 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 BIRDSCREEN 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 C2
HVAC
PLAN

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

H4.08

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