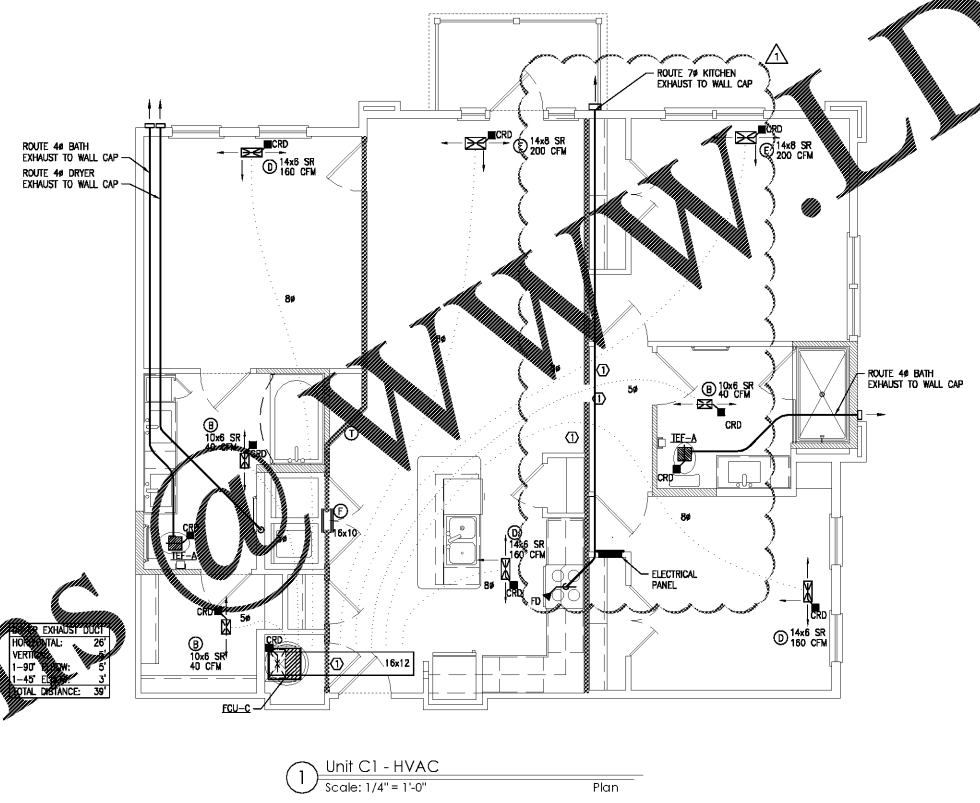


Order Plans

NATURAL VENTILATION CALCULATIONS BASED ON NCBC SECTION 402.2

AREA TYPE	AREA (SF)	REQ'D OPERABLE OPENING AREA 4% OF FLOOR (SF)	ACTUAL OPERABLE OPENING AREA (SF)
KITCHEN/LIVING	467	19	24
BEDROOM 1	164	7	16
BEDROOM 2	166	7	35
BEDROOM 3	133	5	16



① Unit C1 - HVAC
Scale: 1/4" = 1'-0"
Plan

- NOTES:
- DUCTWORK SHALL BE ROUTED BETWEEN 18" DEEP OPEN WEB ROOF TRUSSES AT 24" O.C. (UNLESS NOTED OTHERWISE) RUNNING PARALLEL TO THE EXTERIOR WALL.
 - CONDENSING UNITS SHALL BE MOUNTED ON THE ROOF. COORDINATE EXACT LOCATIONS WITH ARCHITECT.
 - ALL CONDENSING UNITS SHALL HAVE THE FOLLOWING MINIMUM CLEARANCES, OR AS SPECIFIED BY MANUFACTURER:
 - 12 IN. FROM BUILDING
 - 30 IN. FROM CONDENSING UNIT ON OPPOSITE SIDE FROM BUILDING
 - 24 IN. FROM CONDENSING UNITS ON TWO REMAINING SIDES
 - SEE "HVAC GENERAL NOTES" FOR DRYER EXHAUST.
 - EXHAUST AND DRYER WALL CAPS SHALL HAVE BACK DRAFT DAMPERS.
 - PROVIDE HOODED BATH/DRYER CAPS. DO NOT PROVIDE WIRE MESH OR SCREEN ON DRYER VENT CAP.
 - FCU CONDENSATE SHALL BE ROUTED TO DRAIN IN MECHANICAL CLOSET ON THE BOTTOM FLOOR. COORDINATE WITH PLUMBING.
 - DRYER VENT SHALL TURN DOWN IN WALL AT DRYER AND TERMINATE AT DRYER BOX. SEE DETAIL.
 - TRANSFER GRILLES SHALL BE PROVIDED ABOVE LAUNDRY ROOM DOORS AS SHOWN. LAUNDRY ROOM DOORS ARE SOLID AND NOT GLAZED. PROVIDE A GRILLE ON BOTH (2) SIDES OF WALL. CENTER GRILL ABOVE DOOR. SEE DRAWING FOR SIZE.
 - RETURN AIR SHALL BE THRU LAUNDRY ROOM AT MECHANICAL CLOSET. SEE DETAIL.
 - MAINTAIN 6" MIN. BETWEEN TRUNK DUCT'S MAIN TRUNK DUCT. NO-TAKE OFF SHALL BE LOCATED WITHIN 5' OF START OR END OF TRUNK DUCT.
 - A DUCT LEAKAGE TEST SHALL BE PERFORMED ON ALL APARTMENT UNITS TO MEASURE DUCT LEAKAGE. THE MAXIMUM ALLOWABLE DUCT LEAKAGE IS 4 CFM PER 100 S.F. (4%). THIS TESTING SHALL BE DONE WHILE THE DUCTWORK IS STILL ACCESSIBLE, BEFORE THE CEILING IS INSTALLED.
 - CEILING SHALL BE REVEALED. PROVIDE CRD'S AT EACH PENETRATION.
 - PROVIDE 1" UNDERCUT OF ALL BEDROOM DOORS.
 - PROVIDE 1" UNDERCUT OF ALL LAUNDRY ROOM DOORS.
- KEY NOTES:
- COORDINATE WITH STRUCTURAL ENGINEER FOR PENETRATION IN THIS AREA. PROVIDE BOX OUT.

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Drawn By: NT
Checked By: CB
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Construction Release Set:
May 15, 2020

Revisions

No.	Date	Description
1	03/19/21	Owner Comments

ASI / RFI Revisions

No.	Date	Description
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Borough 33
an Apartment Community by
33 Broad MF, LLC
in Chattanooga, Tennessee

Drawing Title:
Unit Plan

M1.4

ISSUED FOR CONSTRUCTION