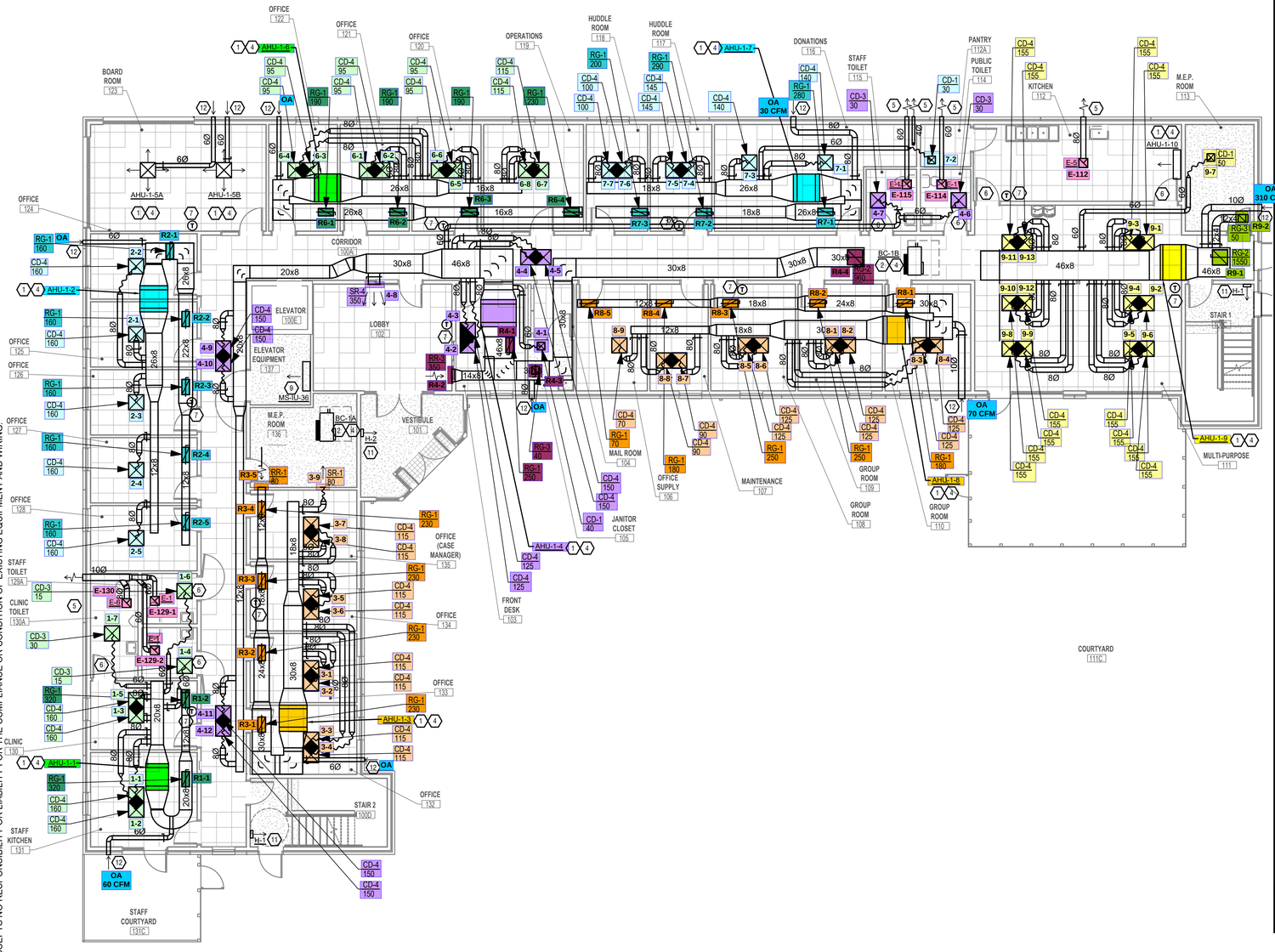

KEYED SHEET NOTES

1. PROVIDE VRF TERMINAL UNIT AND MOUNT AS NOTED REFER TO DRAWING NOTE 4.
2. PROVIDE VRF BRANCH CIRCUIT CONTROLLER ABOVE DROP CEILING AND BELOW DECK ABOVE. REFER TO DRAWING NOTE 4
3. PROVIDE HEAT PUMP UNIT AND EQUIPMENT BASE TO ELEVATE OFF ADJACENT STRUCTURE. HEAT PUMP TO BE MOUNTED ON ROOF ABOVE CORRIDOR BELOW, WITH BIG FOOT SYSTEMS STANDS AND VIBRATION ISOLATION. PROVIDE VIBRATION ISOLATION ON ALL CONNECTIONS TO UNIT AND BASE REFER TO DRAWING NOTE 4.
4. PROVIDE COMPLETE VRF SYSTEM, PER MANUFACTURER'S INSTRUCTIONS, AND LEAVE IN OPERATING CONDITION.
   - 4.1. COORDINATE EXACT EQUIPMENT LOCATIONS WITH OWNER'S REPRESENTATIVE, MANUFACTURER'S INSTRUCTIONS, AND ALL OTHER TRADES. UNITS TO BE INSTALLED TO MAINTAIN REQUIRED SERVICE AND CODE CLEARANCES. PROVIDE ACCESS PANELS AS REQUIRED.
   - 4.2. ROUTE REFRIGERANT PIPING FROM HEAT PUMP TO BRANCH CONTROLLER, AND FROM BRANCH CONTROLLER TO EACH VRF TERMINAL UNIT. PRELIMINARY SIZES INDICATED ON THE PIPING DIAGRAMS. PIPE SIZES AND QUANTITY TO BE DETERMINED BY UNIT MANUFACTURER ONCE FINAL ROUTING IS DETERMINED. DO NOT ORDER UNITS OR MATERIALS UNTIL FINAL PIPE ROUTING IS FINALIZED WITH TOTAL FEET, FEET OF RISE, AND NUMBER OF ELBOWS, AND COORDINATED WITH THE EQUIPMENT MANUFACTURER AND OWNER'S REPRESENTATIVE. INSULATE REFRIGERATION PIPING.
   - 4.3. PROVIDE P-TRAP PER OMC 307.2.4. FOR MINI-SPLITS A P-TRAP OR CHECK VALVE EQUAL TO RECTORSEAL MODEL EZT180 CAN BE USED PER OMC 307.2.4.1. PROVIDE 3/4" CONDENSATE DRAIN LINE TO NEAREST FLOOR DRAIN OR EXTERIOR LANDSCAPING BED. COORDINATE WITH PLUMBING CONTRACTOR AND OWNER'S REPRESENTATIVE. SLOPE PIPE A MINIMUM OF 1/8" PER FOOT AWAY FROM UNIT. PROVIDE CONDENSATE PUMP HARDWIRED TO UNIT TO PROVIDE THE NECESSARY LIFT TO DRAIN CONDENSATE BY GRAVITY IF REQUIRED. CONDENSATE PUMP SHALL BE COMPLETELY CONCEALED IN UNIT CABINET, FOR UNITS LOCATED IN OCCUPIED SPACES.
   - 4.4. FOR CONCEALED UNITS, PROVIDE OVERFLOW SWITCH IN PRIMARY DRAIN LINE THAT WILL SHUT OFF THE UNIT ON HIGH WATER LEVEL.
   - 4.5. PROVIDE HOLES THRU WALLS, FLOORS AND ROOF AS REQUIRED. ROUTE ALL PIPING AND WIRES, CONCEALED WHERE FEASIBLE, TO AVOID SIGNIFICANT TRIM AND ARCHITECTURAL FEATURES WHEN INSTALLING THEM. ALL PIPING TO HAVE FIRE STOP AND BE SEALED WATERTIGHT.
   - 4.6. PROVIDE STAND ALONE CONTROL SYSTEM TO CONTROL ALL ASPECTS OF HVAC SYSTEM, WITH CAPABILITY TO CONNECT TO BUILDING AUTOMATION SYSTEM IN THE FUTURE. PROVIDE ALL INTERCONNECTING CONTROL WIRING. PROVIDE CONTROL SYSTEM TO CONTROL ALL ASPECTS OF HVAC SYSTEM, AND MONITOR SPACE TEMPERATURE, AND FAILURE OF VRF SYSTEM.
   - 4.7. PROVIDE ALL PIPING, ACCESSORIES, THERMOSTATS, AND CONTROLS. FOR A COMPLETE AND OPERATING SYSTEM.
5. ROUTE DRYER, RESIDENTIAL RANGE HOOD (<400 CFM), OR BATH EXHAUST TO EXTERIOR WALL. PROVIDE A FAMCO MODEL DWVP HOODED VENT FOR DRYER AND KITCHEN. PROVIDE A FAMCO MODEL SDWVP HOODED VENT WITH DAMPER AND SCREEN VENT FOR BATH. SEE ARCHITECT BEFORE PENETRATION, FOR EXACT LOCATION, MODEL, AND COLOR COORDINATION. PROVIDE "INSECT" SCREEN FOR BATH EXHAUST ("INSECT" SCREEN SHALL NOT BE USED ON DRYER OR KITCHEN EXHAUST). ALL EXHAUST SHALL MEET THE FOLLOWING REQUIREMENTS.
   - 5.1. 3' FROM PROPERTY LINE.
   - 5.2. 3' FROM OPERABLE OPENINGS INTO BUILDING.
   - 5.3. 10' FROM MECHANICAL AIR INTAKE.
6. UNDERCUT DOOR 1" FOR TRANSFER AIR. FOR DOORS TO CORRIDOR, PROVIDE FIRE RATED TRANSFER AIR GRILLE IN DOOR.
7. PROVIDE PROGRAMMABLE THERMOSTAT, AND INSTALL TO MEET ADA REQUIREMENTS. COORDINATE FINAL LOCATIONS WITH ARCHITECT / OWNER PRIOR TO INSTALLATION. FOR THERMOSTATS INSTALLED ON EXPOSED BRICK WALLS, PROVIDE CONDUIT FOR THERMOSTAT WIRE. FOR THERMOSTATS INSTALLED ON EXTERIOR WALLS, INSULATE BACKSIDE.
8. REFER TO DETAILS AND DIAGRAMS ON DRAWING SERIES M300 & M500, FOR WORK IN THIS AREA. PROVIDE COMPLETE SYSTEM, AND LEAVE IN OPERATING CONDITION.
9. PROVIDE INDOOR UNIT. VERIFY LOCATION WITH ALL OTHER TRADES. MECHANICAL CONTRACTOR TO PROVIDE 3/4" CONDENSATE DRAIN LINE TO NEAREST FLOOR DRAIN. COORDINATE WITH PLUMBING CONTRACTOR. SLOPE PIPE A MINIMUM OF 1/8" PER FOOT AWAY FROM UNIT. PROVIDE CONDENSATE PUMP HARDWIRED TO UNIT TO PROVIDE THE NECESSARY LIFT TO DRAIN CONDENSATE BY GRAVITY IF REQUIRED. CONDENSATE PUMP SHALL BE COMPLETELY CONCEALED IN UNIT CABINET, FOR UNITS LOCATED IN OCCUPIED SPACES. ROUTE ALL PIPING AND WIRES, CONCEALED WHERE FEASIBLE, TO AVOID SIGNIFICANT TRIM AND ARCHITECTURAL FEATURES WHEN INSTALLING THEM. FOR WALL MOUNTED MINI SPLIT SYSTEMS, PROVIDE SIICCOM MODEL DEO5LUB100/110 OR APPROVED EQUAL. PROVIDE ALL REFRIGERATION PIPING, ACCESSORIES, CONTROLS, AND LEAVE UNIT IN OPERATING CONDITION.
10. COORDINATE EXACT LOCATION OF HVAC EQUIPMENT, LENGTH OF PIPE, NUMBER OF ELBOWS, AND MAXIMUM RISE BETWEEN INDOOR AND OUTDOOR UNITS; WITH ALL OTHER TRADES AND MANUFACTURE BEFORE ORDERING EQUIPMENT OR ANY MATERIALS. ROUTE REFRIGERANT PIPING FROM OUTDOOR UNIT TO INDOOR UNIT. ALL PIPING SHALL BE CONCEALED IN FINISHED AREA. SIZE PER MANUFACTURES RECOMMENDATIONS. PROVIDE SUPPORT BLOCKS FOR PIPING INSTALLED ON ROOF EQUAL TO EATON DURA-BLOK B-LINE SERIES. UNITS ON ROOF TO BE 10 FEET FROM ROOFS EDGE OR PROVIDED WITH FALL PROTECTION. MECHANICAL CONTRACTOR TO PROVIDE ALL CONTROLS AND CONTROL WIRING AND LEAVE UNITS IN OPERATING CONDITION.
    - 10.1. MINI SPLIT SYSTEMS: POWER WIRING TO HEAT PUMP BY ELECTRICAL CONTRACTOR. MECHANICAL CONTRACTOR TO FURNISH AND INSTALL METAL CLAD (MC) CABLE BETWEEN OUTDOOR UNIT (ODU) AND INDOOR UNIT (IDU), INCLUDING A DISCONNECT SWITCH NEXT TO IDU. MC CABLE TO BE 14 GA IF PROTECTED BY 15 AMP FUSES IN ODU, OR A MINIMUM GAUGE AS REQUIRED FOR FULL AMPERAGE OF ODU.
11. PROVIDE HEATER. VERIFY LOCATION WITH ALL OTHER TRADES.
12. ROUTE OUTSIDE AIR INTAKE FROM EXTERIOR WALL. TRANSITION TO CONNECTION SIZE AT UNIT AS REQUIRED. PROVIDE A FAMCO MODEL RDWV HOODED INTAKE VENT WITH REMOVABLE "INSECT" SCREEN AND REVERSIBLE BACKDRAFT DAMPER, SAME SIZE AS DUCT. SEE ARCHITECT BEFORE PENETRATION, FOR EXACT LOCATION, MODEL, AND COLOR COORDINATION. FOR OUTSIDE AIR DUCT, PROVIDE MOTOR OPERATED DAMPER TO OPEN WHEN UNIT IS ENERGIZED. ALL INTAKES SHALL MEET THE FOLLOWING REQUIREMENTS.
    - 12.1. NOT LESS THAN 10 FEET FROM LOT LINES OR BUILDINGS ON THE SAME LOT.
    - 12.2. NOT LESS THAN 10 FEET HORIZONTALLY FROM ANY HAZARDOUS OR NOXIOUS CONTAMINANT SOURCE, SUCH AS VENTS, STREETS, ALLEYS, PARKING LOTS AND LOADING DOCKS, EXCEPT AS SPECIFIED IN ITEM 3 OR SECTION "LOCATION OF EXHAUST OUTLETS". OUTDOOR AIR INTAKE OPENINGS SHALL BE PERMITTED TO BE LOCATED LESS THAN 10 FEET HORIZONTALLY FROM STREETS, ALLEYS, PARKING LOTS AND LOADING DOCKS PROVIDED THAT THE OPENINGS ARE LOCATED NOT LESS THAN 25 FEET VERTICALLY ABOVE SUCH LOCATIONS. WHERE OPENINGS FRONT ON A STREET OR PUBLIC WAY, THE DISTANCE SHALL BE MEASURED FROM THE CLOSEST EDGE OF THE STREET OR PUBLIC WAY.
    - 12.3. NOT LESS THAN 3 FEET BELOW CONTAMINANT SOURCES WHERE SUCH SOURCES ARE LOCATED WITHIN 10 FEET OF THE OPENING.
    - 12.4. INTAKE OPENINGS ON STRUCTURES IN FLOOD HAZARD AREAS SHALL BE AT OR ABOVE THE ELEVATION REQUIRED BY SECTION 1612 OF THE BUILDING CODE FOR UTILITIES AND ATTENDANT EQUIPMENT.
13. PROVIDE WALL PENETRATION PER OMC SECTION 607.5.3 EXCEPTION 4. DUCT TO BE CONSTRUCTED OF SHEET STEEL NOT LESS THAN 26 GAGE THICKNESS AND SHALL BE CONTINUOUS FROM THE AIR-HANDLING APPLIANCE OR EQUIPMENT TO THE AIR OUTLET AND INLET TERMINALS.
14. PROVIDE WALL PENETRATION PER OMC SECTION 607.5.3 EXCEPTION 1. REFER TO DETAIL 2 ON DRAWING M302.

MECHANICAL SCOPE OF WORK

PROVIDE NEW VRF HVAC SYSTEM FOR A NEW DORM FACILITY
PROVIDE CONTROL SYSTEMS FOR ALL HVAC EQUIPMENT. FOR VRF SYSTEMS PROVIDE COMPLETE CONTROLS SYSTEM, INCLUDING BUT NOT LIMITED TO, ONE MITSUBISHI AE200 CENTRALISED AND WEB CONTROLLER FOR EACH 200 INDOOR UNITS, ONE MITSUBISHI EW-50E CENTRALIZED AND EXPANSION CONTROLLER FOR EACH 50 INDOOR UNITS, AND ONE MITSUBISHI WALL THERMOSTAT FOR EACH INDOOR UNIT. LEAVE ALL SYSTEMS IN OPERATING CONDITION.

CODES REFERENCED

- 2017 OHIO MECHANICAL CODE
- 2017 OHIO BUILDING CODE
- ASHRAE 90.1-2010

HVAC DESIGN CONDITIONS

COOLING	HEATING
OUTDOOR: 93 DB / 75 WB	OUTDOOR: 0 DB
INDOOR: 74 (COMMON AREAS)	INDOOR: 72 (COMMON AREAS)
INDOOR: 75 (RESIDENTIAL)	INDOOR: 70 (RESIDENTIAL)

GENERAL NOTES

A. THE CONTRACT DRAWINGS ARE DIAGRAMMATIC AND INTENDED TO COVER THE SCOPE OF THE WORK AND TO INDICATE THE GENERAL ARRANGEMENT AND APPROXIMATE SIZE AND LOCATION OF EQUIPMENT, DUCTS, PIPES, ETC. THEY ARE NOT INTENDED TO SHOW EVERY OFFSET, FITTING, AND COMPONENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING AND VERIFYING ALL CONDITIONS AND DIMENSIONS. DO NOT SCALE THE DRAWINGS. CONTRACTOR TO VERIFY EXISTING SUPPLY AND RETURN DUCTWORK AND PIPING, SYSTEMS, SIZE, AND DUCT AND PIPE TYPE PRIOR TO MAKING CONNECTIONS.
B. FOR FULL SCHEDULES, SPECIFICATIONS, AND COMPLETE LISTING SEE DETAIL SHEETS.
C. COORDINATE ROUTING OF ALL WORK WITH OTHER TRADES.
D. COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER CONNECTIONS TO ALL MECHANICAL EQUIPMENT.
E. INSTALL ALL EQUIPMENT PER MANUFACTURER'S REQUIREMENTS. MAINTAIN ALL CODE RECOMMENDED CLEARANCES FOR ACCESS AND MAINTENANCE.
F. REFER TO ARCHITECTURAL PLANS FOR DIMENSIONS, AND FINAL CEILING DIFFUSER LOCATIONS.
G. MAINTAIN ALL CODE REQUIRED SERVICE CLEARANCES. FOLLOW CLEARANCE TO COMBUSTIBLE DISTANCE PER MANUFACTURER'S INSTRUCTIONS.
H. PROVIDE BACKDRAFT DAMPERS FOR ALL EXHAUST SYSTEMS AND EITHER LOUVER, BRICK VENT, OR CAPS AT ALL EXTERIOR BUILDING PENETRATIONS.
I. PROVIDE AN AUXILIARY DRAIN PAN WITH OVERFLOW SWITCH UNDERNEATH HORIZONTAL UNITS, WHICH WILL SHUTOFF THE UNIT ON HIGH WATER LEVEL.
J. A WATER-LEVEL DETECTION DEVICE CONFORMING TO UL508 SHALL BE PROVIDED THAT WILL SHUT OFF THE EQUIPMENT SERVED IN THE EVENT THAT THE PRIMARY DRAIN IS BLOCKED. THE DEVICE SHALL BE INSTALLED IN THE PRIMARY DRAIN LINE, THE OVERFLOW DRAIN LINE, OR IN THE EQUIPMENT-SUPPLIED DRAIN PAN, LOCATED AT A POINT HIGHER THAN THE PRIMARY DRAIN LINE CONNECTION AND BELOW THE OVERFLOW RIM OF SUCH PAN.
K. ROUTE ALL SUPPLY, RETURN, AND EXHAUST DUCTWORK ABOVE DROP CEILING OR IN BULKHEADS. COORDINATE ROUTING WITH ARCHITECTURAL DRAWINGS. DUCTS SHALL BE RUN BELOW THE RATED FLOOR/CEILING. WHEN DUCTS ARE ROUTED UP IN JOIST POCKET. RATING SHALL BE MAINTAINED AROUND JOIST TO PREVENT FIRE DAMPER. PROVIDE FIRE, SMOKE, AND FIRE / SMOKE RATED DAMPERS ON ALL PENETRATIONS TO RATED WALLS, CEILINGS, AND FLOORS. PROVIDE RADIATION DAMPERS ON ALL AIR DEVICES, FANS, ETC., THAT PENETRATE THE MEMBRANE OF THE RATED FLOOR/CEILING ASSEMBLY. REFER TO ARCHITECTURAL PLANS FOR LOCATIONS.
L. ROUTE ALL AIR CONDITIONER CONDENSATE TO NEARBY FLOOR DRAIN. PROVIDE MINIMUM SLOPE OF 1/8 " PER FOOT. SIZE CONDENSATE PER SECTION 307.2.2 OF THE OHIO MECHANICAL CODE.
M. PROVIDE AN APPROVED THROUGH PENETRATION FIRESTOP FOR ALL PIPING INSTALLED AS TESTED IN ACCORDANCE WITH ASTM E814 OR UL 1479. FIRESTOP SHALL HAVE A MINIMUM POSITIVE PRESSURE DIFFERENTIAL OF 0.01 INCHES OF WATER AND SHALL HAVE AN F RATING OF NOT LESS THAN THE REQUIRED FIRE-RESISTANCE RATING OF THE WALL OR FLOOR PENETRATED.
N. ANY EQUIPMENT THAT IS SUBSTITUTED SHALL FIT IN THE SPACE PROVIDED WITH ADEQUATE ROOM FOR SERVICING, INCLUDING SUBSTITUTE EQUIPMENT NAMED IN THE SPECIFICATIONS. SUBMIT A 1/4" SCALE DRAWING OF ALL EQUIPMENT SUBSTITUTED FOR APPROVAL PRIOR TO INSTALLATION, INCLUDING, BUT NOT LIMITED TO, STRUCTURAL AND ARCHITECTURAL IMPACT, CLEARANCE REQUIREMENTS AND UTILITY REQUIREMENTS. IT IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR TO COORDINATE ALL NEW ELECTRICAL AND PLUMBING REQUIREMENTS WITH THE ELECTRICAL AND PLUMBING CONTRACTORS.
O. PROVIDE COMPLETE CONTROL SYSTEM, AND LEAVE UNITS IN OPERATING CONDITION.
P. MATERIALS WITHIN PLENUMS SHALL BE NONCOMBUSTIBLE OR SHALL BE LISTED AND LABLED AS HAVING A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND SMOKE-DEVELOPED INDEX OF NOT MORE THAN 50 WHEN TESTED IN ACCORDANCE WITH ASTM E 84 OR UL 723.
Q. THE FOLLOWING GUIDELINES MUST BE FOLLOWED FOR THE DOMESTIC DRYER EXHAUST SYSTEMS.
   - Q.A. EXHAUST DUCTS SHALL HAVE A SMOOTH INTERIOR FINISH AND BE CONSTRUCTED OF METAL A MINIMUM OF 28 GAGE.
   - Q.B. DUCT SIZE SHALL BE 4 INCHES NOMINAL DIAMETER.
   - Q.C. DUCTS SHALL BE SUPPORTED AT 4-FOOT INTERVALS AND SECURED IN PLACE. THE INSERT END OF THE DUCT SHALL EXTEND INTO THE ADJOINING DUCT OR FITTING IN THE DIRECTION OF AIRFLOW.
   - Q.D. DUCTS SHALL NOT BE JOINED WITH SCREWS OF SIMILAR FASTENERS THAT PROTRUDE MORE THAN ¼ INCH INTO THE INSIDE OF THE DUCT.
   - Q.E. PROTECTIVE SHIELD PLATES SHALL BE PLACED WHERE NAILS OR SCREWS FROM FINISH OR OTHER WORK ARE LIKELY TO PENETRATE THE CLOTHES DRYER EXHAUST DUCT.SHIELD PLATES SHALL BE PLACED ON THE FINISHED FACE OF ALL FRAMING MEMBERS WHERE THERE IS LESS THAN 1-1/4 INCHES BETWEEN THE DUCT AND THE FINISHED FACE OF THE FRAMING MEMBER. SHIELD PLATES SHALL BE CONSTRUCTED OF STEEL, HAVE A THICKNESS OF 0.062 INCHES, AND EXTEND NOT LESS THAN 2 INCHES ABOVE SOLE PLATES AND BELOW TOP PLATES.
   - Q.F. TRANSITION DUCTS USED TO CONNECT THE DRYER TO THE EXHAUST DUCT SYSTEM SHALL BE A SINGLE LENGTH THAT IS LISTED AND LABELED IN ACCORDANCE WITH UL 2158A. TRANSITION DUCTS SHALL BE NOT GREATER THAN 8 FEET IN LENGTH AND SHALL NOT BE CONCEALED WITHIN CONSTRUCTION.
   - Q.G. PROVIDE DRYER WALL BOX EQUAL TO DRYERBOX MODEL 350 NEAR DRYER. INSTALL PER MANUFACTURER'S INSTRUCTIONS, INCLUDING FIRE STOP IF INSTALLED IN A RATED WALL. CAP EXHAUST DUCT AT DRYER WALL BOX FOR FUTURE CONNECTION.
   - Q.H. PROVIDE A PERMANENT LABEL OR TAG (EQUAL TO DRYERPLACARD) INDICATING ACTUAL EQUIVALENT LENGTH OF EXHAUST DUCT. LENGTH SHALL INCLUDE 5' FOR 90 . LABEL/TAG MUST BE WITHIN 6' OF DRYER EXHAUST CONNECTION. DRYER EXHAUST DUCT FITTING EQUIVALENT LENGTH SHALL BE 2'-6" FOR A RADIUS MITERED 45-DEGREE ELBOW AND 5 FEET FOR A RADIUS MITERED 90-DEGREE ELBOW.
   - Q.I. IF LENGTH OF DRYER VENT EQUIVALENT LENGTH IS GREATER THAN 35', AND DRYER TO BE INSTALLED IS NOT RATED FOR OVER 35'; OR IF DRYER VENT EQUIVALENT LENGTH IS GREATER THAN THAT OF INSTALLED DRYERS INSTALLATION DIRECTIONS; PROVIDE NEW SECONDARY LINT TRAP, DRYER EXHAUST FAN BF-1, SENSORS, AND CONTROLS. FAN TO BE FANTECH MODEL DEDPV-705 OR EQUAL. FAN TO BE LISTED AND LABELED TO UL705 FOR USE IN DRYER EXHAUST DUCT SYSTEMS. LINT TRAP TO BE FANTECH MODEL DBLT4W OR EQUAL. COORDINATE FINAL DRYER VENT ROUTING LENGTH AND ELBOWS WITH FAN MANUFACTURER, BEFORE ORDERING FAN, AND PROVIDE FAN FOR FINAL DRYER VENT ROUTING. INSTALL PER MANUFACTURER'S INSTRUCTIONS, AND AUTHORITY HAVING JURISDICTION.
R. INSTALL ALL EQUIPMENT WITH PROPER CODE REQUIRED SERVICE/ ACCESS CLEARANCES, AND ACCESS PANELS. EQUIPMENT SHALL BE COMPLETELY REPLACEABLE WITHOUT REMOVING PERMANENT BUILDING COMPONENTS.

N

1 / M100 MECHANICAL FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

SCOTT SEVERT STILKEY E-77795 REGISTERED PROFESSIONAL ENGINEER STATE OF OHIO

ISSUANCES

NO.	DESCRIPTION	DATE
-	PERMIT SET	08-05-2022

JOSEPH HOUSE
3304 Colerain Avenue
Cincinnati, Ohio 45225

PR-09656

ENGINEERED BUILDING SYSTEMS INC.
Shared Success Through Collaboration and Efficiency
515 Monmouth Street, Suite 201
Newport, KY 41071 (859) 261-0585
MEP Consulting Services, Inc. in OH

Copyright © 2022
THIS DOCUMENT IS THE PRODUCT AND EXCLUSIVE PROPERTY OF ENGINEERED BUILDING SYSTEMS, INC. NEITHER THE DOCUMENT NOR THE INFORMATION IT CONTAINS MAY BE USED FOR OTHER THAN THE SPECIFIC PURPOSE FOR WHICH IT WAS PREPARED WITHOUT WRITTEN CONSENT OF ENGINEERED BUILDING SYSTEMS, INC.

DRAWN BY	CHECKED BY
SRB	SSS

PROJECT NO.: 9656

SCALE:AS NOTED

DATE: 08-05-2022

DRAWING TITLE
MECHANICAL FIRST FLOOR PLAN

SHEET NO.
M100

Z:\~Project Directories\9600~9699\9656~~ The Joseph House\~Construction Documents\9656~M100~MECHANICAL~FIRST~FLOOR~PLAN.dwg~EBS, Plot Date/Time: Aug 04, 2022~9:36am ~ By: sboehringer
THESE DRAWINGS AND SPECIFICATIONS ARE NOT AUTHORIZED TO BE USED AS CONTRACT DOCUMENTS. THESE DRAWINGS HAVE BEEN PREPARED TO DEMONSTRATE COMPLIANCE WITH APPLICABLE CODES, AND ARE INTENDED TO PROVIDE THE AUTHORITIES HAVING JURISDICTION WITH INFORMATION TO DETERMINE CODE COMPLIANCE. THE INSTALLING CONTRACTOR IS RESPONSIBLE TO ENSURE THAT MEANS, METHODS, AND MATERIALS USED IN CONSTRUCTION ARE INSTALLED IN ACCORDANCE WITH ANY CONTRACTURAL AGREEMENT THAT MAY EXIST WITH AN OWNER, CONSTRUCTION MANAGER, GENERAL CONTRACTOR, ETC. EBS ACCEPTS NO RESPONSIBILITY OR LIABILITY FOR THE COMPLIANCE OR CONDITION OF EXISTING EQUIPMENT AND WIRING.