

14 Ridge Square NW #500, WASHINGTON, DC 20016



CAVA #010536
139 HUFFMAN MILL RD #301
BURLINGTON, NC 27215
FOR CAVA

ADP PROJECT NUMBER:	CAV067
ISSUE:	DATE:
PERMIT SET:	09.20.2024
AS BUILT:	12.20.2024

MECHANICAL ROOF PLAN

SHEET: **M201**

GENERAL NOTES

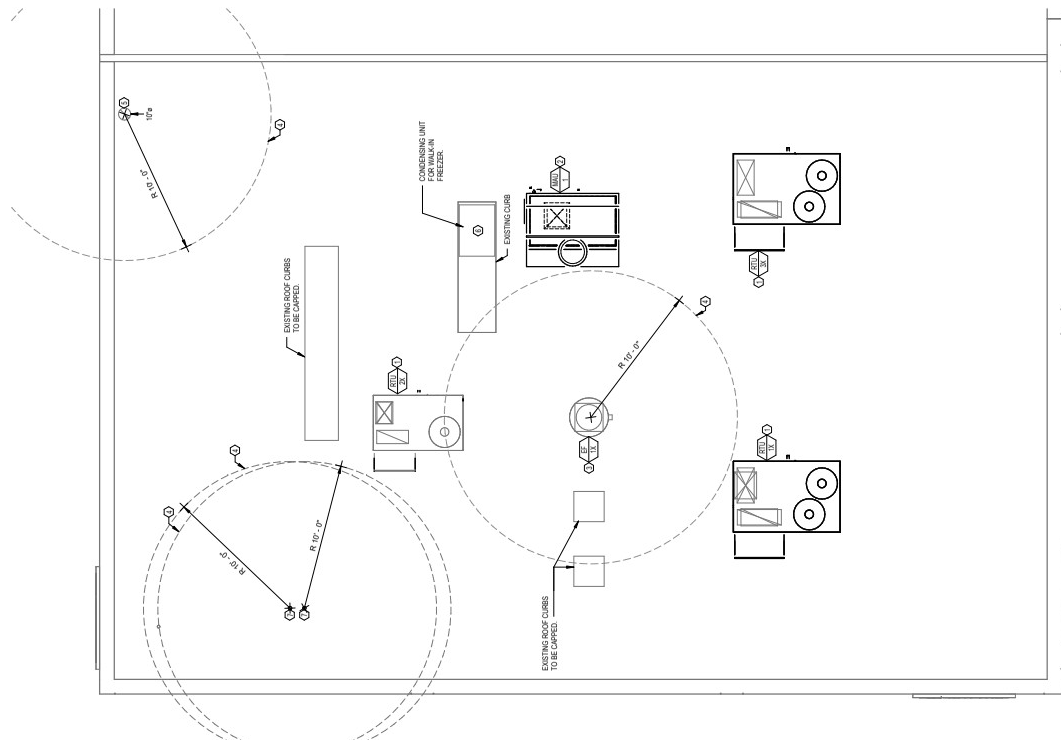
- ALL ROOF EQUIPMENT LOCATIONS SHALL BE COORDINATED WITH THE ROOFING CONTRACTOR. THE STRUCTURAL DRAWINGS SHALL BE REVIEWED BY THE STRUCTURAL ENGINEER TO DETERMINE EXACT LOCATIONS OF EQUIPMENT.
- THE INSTALLING CONTRACTOR SHALL PROVIDE ROOF FLASHING TO MATCH THE EXISTING ROOF FLASHING. THE ROOFING CONTRACTOR SHALL PROVIDE DUCT ROOF CURBS AT ALL DUCT PENETRATIONS THRU THE ROOF.
- ALL PENETRATIONS SHALL BE A MINIMUM OF 10" W/4" THROUGH THE ROOF SHALL HAVE A WEATHER RESISTANT FLASHING. ALL PENETRATIONS SHALL BE PERFORMED BY THE ROOFING CONTRACTOR.
- ALL PENETRATIONS SHALL BE LOCATED A MINIMUM OF 10" AWAY FROM THE EDGE OF THE ROOF PER LOCAL CODE.
- VENT TERMINATIONS PROVIDED BY THE PLUMBING CONTRACTOR SHALL BE EXTENDED TO THE ROOF AIR INTAKE EXTEND TERMINATION HEIGHT TO WHERE REQUIRED.
- ANY PENETRATIONS THROUGH THE ROOF SHALL BE COORDINATED WITH THE ROOFING CONTRACTOR.
- THE STRUCTURAL DRAWINGS SHALL BE REVIEWED BY THE STRUCTURAL ENGINEER TO DETERMINE EXACT LOCATIONS OF EQUIPMENT.
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- VENT TERMINATIONS PROVIDED BY THE PLUMBING CONTRACTOR SHALL BE EXTENDED TO THE ROOF AIR INTAKE EXTEND TERMINATION HEIGHT TO WHERE REQUIRED.
- PROVIDE CURBS FOR ALL MECHANICAL EQUIPMENT THAT REQUIRES SERVICE ON ROOF THAT IS LOCATED WITHIN 10' OF THE ROOF EDGE. THE CURBS SHALL BE LOCATED AT LEAST 1" ABOVE THE ELEVATED SURFACE ADJACENT TO THE GROUND.

KEYED NOTES

- EXISTING ROOF TOP INT TO REMAIN AND BE REUSED. FIELD ROOFING TO BE REUSED. CLEANLINE, GREASE ALL BEARINGS, RIGIDLY BRACE ALL SUPPORTS, CLEAN ALL DUCTS, FILTERS, AND CLEAN INDOOR AND OUTDOOR COILS. PROVIDE CLEANABLE CONNECTIONS ON THE SUPPLY AND RETURN AIR DUCTS. PROVIDE DUCT ROOF CURBS AT ALL DUCT PENETRATIONS THRU THE ROOF.
- INSTALL EXISTING CONDENSING UNIT. PROVIDE FLUE GAS CONNECTORS ON SHIM MIT AND CURB LEVEL. PROVIDE FLUE GAS CONNECTORS ON SHIM MIT AND CURB LEVEL. PROVIDE FLUE GAS CONNECTORS ON SHIM MIT AND CURB LEVEL.
- EXISTING ROOF MOUNTED INTACH EXHAUST FAN TO REMAIN IN SERVICE. OPERATIONAL FIELD VERIFY EXACT LOCATION OF EXHAUST FAN. REPLACE WITH EQUIVALENT NEW FAN IF REQUIRED. MAINTAIN A MINIMUM 10" OF CLEARANCE FROM EXHAUST DISCHARGE TO OUTSIDE AIR INTAKES.
- EXTEND 10" EXHAUST DUCT UP THROUGH ROOF TO EXISTING ROOF PENETRATION.
- INSTALL CONDENSING UNIT. PROVIDE FLUE GAS CONNECTORS ON SHIM MIT AND CURB LEVEL. PROVIDE FLUE GAS CONNECTORS ON SHIM MIT AND CURB LEVEL. PROVIDE FLUE GAS CONNECTORS ON SHIM MIT AND CURB LEVEL.
- TEMPERATURE CONTROL, SIGHT GLASS, FILL, OVERFLOW, AND WEATHER PROOF. PROVIDE PIPING THROUGH ROOF PENETRATIONS. PIPING PENETRATIONS THROUGH COOLER ROOF.
- PROVIDE WITH HAWK G0000000000 CONCENTRIC VENT AT TERMINATION.

EQUIPMENT CLEARANCE NOTE

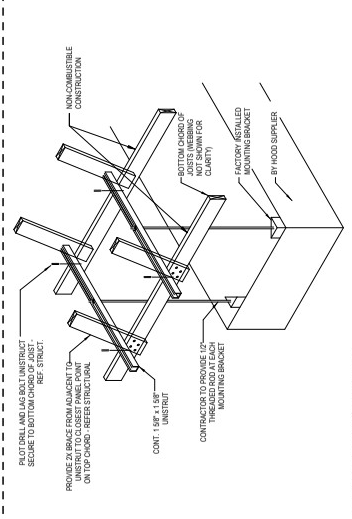
VERIFY ALL EXISTING EXHAUST OUTLETS WITHIN 10' OF OUTDOOR AIR INTAKES. VERIFY ALL EXISTING EXHAUST OUTLETS WITHIN 10' OF OUTDOOR AIR INTAKES. VERIFY ALL EXISTING EXHAUST OUTLETS WITHIN 10' OF OUTDOOR AIR INTAKES. VERIFY ALL EXISTING EXHAUST OUTLETS WITHIN 10' OF OUTDOOR AIR INTAKES. VERIFY ALL EXISTING EXHAUST OUTLETS WITHIN 10' OF OUTDOOR AIR INTAKES.



MECHANICAL ROOF PLAN
SCALE: 1/8" = 1'-0"

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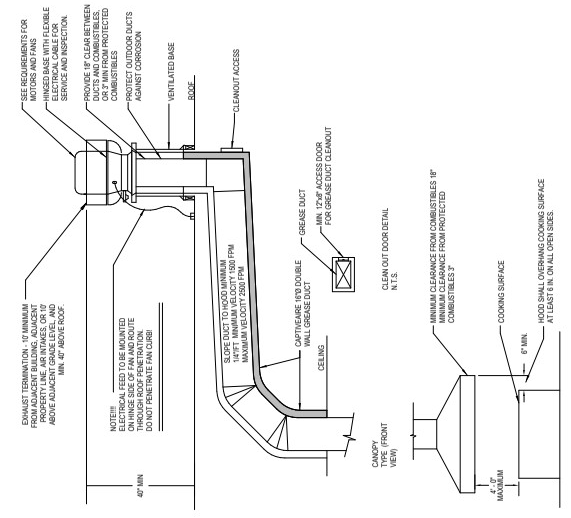
MECHANICAL DETAILS
SHEET:



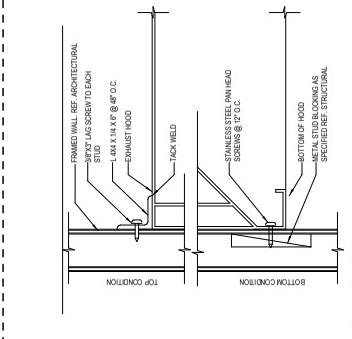
① TYPICAL HOOD SUPPORT AT TRUSS
 SCALE: N.T.S.

- INFORMATIONAL GUIDE FOR COMMERCIAL COOKING HOODS
1. STAINLESS STEEL TO BE NO. 316L S.G.A.E.
 2. HOODS MUST BE PROVIDED THEY SHALL BEAM TO A COLLECTING PAN WHICH IS READILY ACCESSIBLE FOR CLEANING.
 3. SEE TABLE 507.2 FOR MINIMUM DISTANCE BETWEEN LOWER EDGE OF GREASE FILTER AND THE COOKING OR GREASE FILTERS SHALL BE OF STEEL CONSTRUCTION AND READILY ACCESSIBLE FOR CLEANING.
 4. ALL JOINTS AND SEAMS SHALL BE GREASE TIGHT.
 5. HOODS SHALL BE SECURELY FASTENED IN PLACE BY NON-COMBUSTIBLE SUPPORTS.

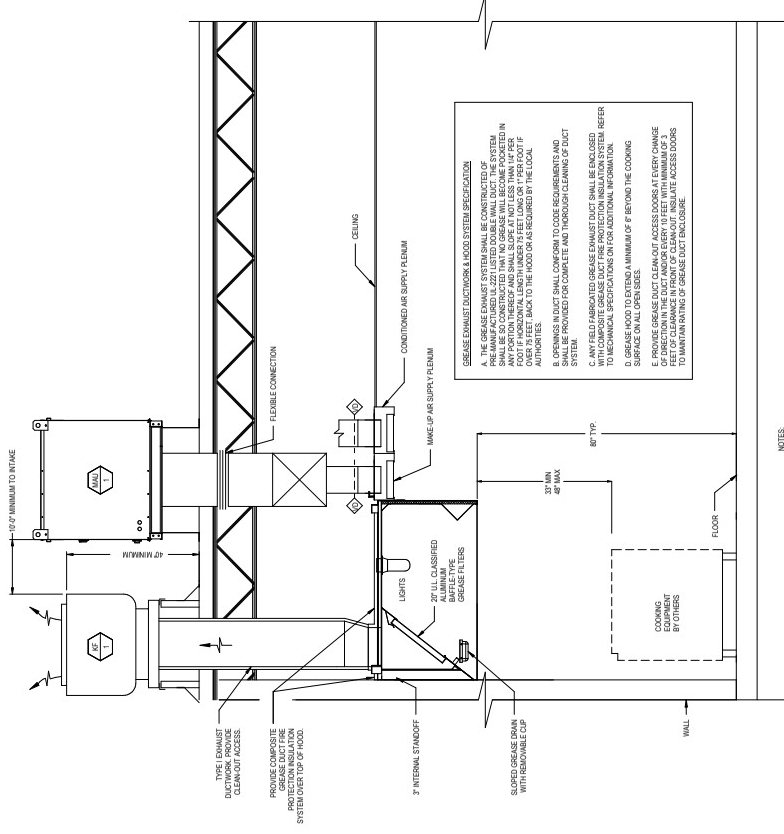
- NOTES
1. PROVIDE ADEQUATE CLEANOUT OPENINGS FOR THOROUGH CLEANING OF DUCT SYSTEM.
 2. PROVIDE ADEQUATE CLEARANCE FROM ADJACENT WALLS FOR THOROUGH CLEANING.
 3. PROVIDE A SEPARATE DUCT SYSTEM FOR EACH HOOD.
 4. THICKNESS OF DUCTS SHALL BE:
 - 1/2\"/>
 5. SUPPORT THE DUCTS AS REQUIRED. DO NOT PENETRATE DUCT WALLS WITH SCREWS, NAILS, ETC.
 6. SECTIONS OF DUCT SHALL NOT CONTAIN GREASE POCKETS.
- ALL ROOFING PENETRATIONS ARE TO BE PERFORMED BY THE SHELL BUILDING ROOFING CONTRACTOR.



② TYPICAL HOOD VENTILATION AND SECTION
 SCALE: N.T.S.



③ TYPICAL HOOD ON RIP AT WALL
 SCALE: N.T.S.



- NOTES:
1. PROVIDE (A) LISTED TYPE EXHAUST HOOD.
 2. THE GREASE HOOD SHALL MEET THE REQUIREMENTS OF THE MECHANICAL CODE (MFC) AND NFPA 96A TYPE I HOOD.
 3. THE DEPARTMENT APPROVAL SHALL BE REQUIRED ON FIRE PROTECTION SYSTEM FOR GREASE HOODS AND DUCTS AS PER NFPA 96A.
 4. PROVIDE CHEMICAL FIRE SUPPRESSION SYSTEM AS REQUIRED BY NFPA 96A.
 5. ALL INSTALLATIONS SHALL BE IN ACCORDANCE WITH ALL APPLICABLE LOCAL CODES AND REGULATIONS.

④ KITCHEN HOOD SCHEMATIC
 SCALE: N.T.S.

NO	THIS PACKAGE	LOCATION	QUANTITY	OPTION	FINISH CONTROL
1	RPV-311	UTILITY GABINET LEFT	1 PM	SMART CONTROLS RPV	TYPE 1 100V 15A SUPPLY 3 1500V 200 4.4 EXHAUST 3 1400V 200 15

ELECTRICAL PACKAGE - JOB#F232608

NO	THIS PACKAGE	LOCATION	QUANTITY	OPTION
1	RPV-311	UTILITY GABINET LEFT	1 PM	SMART CONTROLS RPV

NO	THIS PACKAGE	LOCATION	QUANTITY	OPTION
1	RPV-311	UTILITY GABINET LEFT	1 PM	SMART CONTROLS RPV

NO	DESCRIPTION	DATE

ferris+sloane

CAPTIVE WIRE
www.captivewire.com

14 Ridge Square NW #500, WASHINGTON, DC 20016
CAVA FOR CAVA
139 HUFFMAN MILL RD #301
BURLINGTON, NC 27215

DATE: 12/19/2024
DWG.#: 7232608
DRAWN BY: AJP-32
SCALE: 3/4" = 1'-0"
MASTER DRAWING

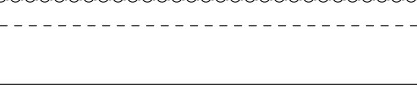
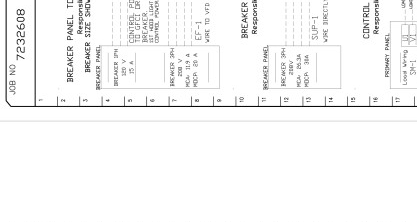
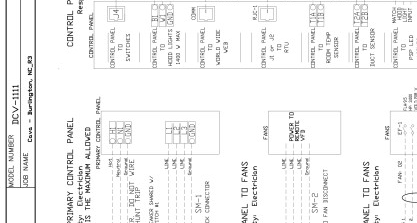
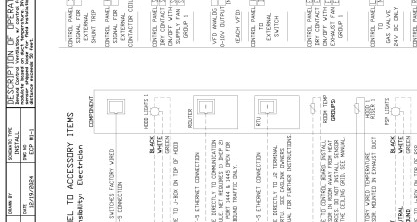
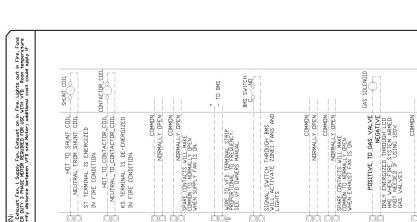
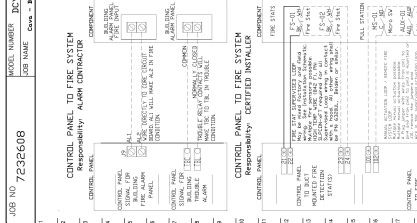
SHEET NO. 6

MECHANICAL HOOD DETAIL PLAN

MARYLAND MECHANICAL
139 Huffman Mill Road, Burlington, NC, 27215

REVISIONS

MODEL NUMBER: RPV-311
JOB NAME: Cava - Burlington, NC #3ISSUE NO: 01/27/2024



RESPONSIBILITY: CAPTIVE WIRE CONTRACTOR

RESPONSIBILITY: ALARM CONTRACTOR

RESPONSIBILITY: ELECTRICIAN

RESPONSIBILITY: ELECTRICIAN

RESPONSIBILITY: ELECTRICIAN

RESPONSIBILITY: ELECTRICIAN

RESPONSIBILITY: ELECTRICIAN

RESPONSIBILITY: ELECTRICIAN

RESPONSIBILITY: ELECTRICIAN

RESPONSIBILITY: ELECTRICIAN

DETAIL GENERAL NOTE
DETAILS PROVIDED ON THE PLAN ARE FOR MOUNTING AND EQUIPMENT STANDS ARE TO BE PROVIDED BY THE EQUIPMENT VENDOR OR CONTRACTOR.

MECHANICAL HOOD DETAIL PLAN

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ISSUE NO: 01/27/2024

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DRAWN BY: AJP-32
SCALE: 3/4" = 1'-0"
MASTER DRAWING

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