



1 HVAC FLOOR PLAN  
1/4" = 1'-0"

**KEY NOTES:**

- REMOVE SMOKE DETECTOR TEST STATIONS FOR RTU-1, 2, & 3. TEST STATIONS TO BE MONITORED BY THE MANAGER'S OFFICE. SECURITY CONTRACTOR SHALL INSTALL FACTORY VULNERATED SMOKE DETECTORS TO SECURITY FIRE ALARM PANEL. MECHANICAL CONTRACTOR SHALL PROVIDE TEST STATIONS AND VENTILATION COMPONENTS AS WELL AS WIRING TO SHUT DOWN THE A/C FAULT UPON ACTIVATION OF THE SMOKE DETECTOR. A/C TO TEST THE SMOKE DETECTOR FUNCTIONS WITH THE WAVA PROJECT MANAGER.
- WALL MOUNTED BENEFITS FOR EACH MECHANICAL UNIT PER ROOM TO BE SCHEDULED ON SHEET 100. ALL SHALL RETAIN AND WIRE TO THE GAS CONTROLS SHALL CONNECT TO MECHANICAL UNIT ONLY.
- COORDINATE EXACT LOCATION OF EXHAUST FAN PENETRATION WITH ARCHITECTURAL. ROOF FAN, RETAIL, GAS VALVES, ETC. FROM DOWN ROOM FAN IN TO BE MOUNTED SPACE AND CONNECT TO CEILING GRILLES.
- REFER TO TYPICAL DUCT PENETRATION DETAIL ON SHEET 100.
- COORDINATE DUCT WITH STRUCTURE IN THE LOCATION. COORDINATE TAKEOFF THROUGH ROOF OPENINGS. SEE AIR DETAILS SCHEDULE.
- PROVIDE SURFACE MOUNT ADAPTER FRAME TO ALLOW ACCESS TO CEILING ABOVE THROUGH ROOF OPENINGS. SEE AIR DETAILS SCHEDULE.
- ROUTE DUCT UNDER STRUCTURAL MEMBERS AT THE LOCATION.
- ELECTRICAL TO RUN WITHIN SPACE. MECHANICAL CONTRACTOR TO COORDINATE MECHANICAL WORK WITH ALL TRADES PRIOR TO INSTALLATION.
- DUCT TAKEOFF WITH CHAMFER FROM BOTTOM OF MAIN DUCT.
- TRANSFER DUCT ASSEMBLY.
- PROVIDE SEALED 30X30 PENETRATION ASSEMBLY ABOVE TRANSFER GRILLES TO ALLOW FOR TRANSFER DUCT CONNECTIONS.
- GRILLE OPEN TO ABOVE CEILING.
- INSTALL EXHAUST FAN ABOVE CEILING PER DETAIL SHEET 100. FAN SHALL BE WIRING TO EMERGENCY SHUT OFF SWITCH PROVIDED BY OTHERS. REFERENCE ARCHITECTURAL AND ELECTRICAL DRAWINGS.
- MOUNT CENTER OF EXHAUST GRILLE AT 12" ABOVE FINISHED FLOOR. ROUTE DUCT 360 AS SHOWN FROM GRILLE UP IN WALL CHAMFER TO ABOVE CEILING. THEN TO EXHAUST FAN AND OUT TO EXTERIOR WALL. WALLS COORDINATE DUCT PENETRATION WITH ALL OTHER TRADES.
- OTHER EXHAUST FAN (CLUBHOUSE) IS TO BE MANUFACTURED BY GREEN BUCK. RETAIL FOR MANUFACTURER'S RECOMMENDATIONS IN ALL DIMENSIONS. CONSULT PROVIDER APPROVAL. PROVIDE WEIR-HOLD SCREEN 1/2" PLUMBING AND ALUMINUM WALL TRIM.
- EMERGENCY SHUT OFF SWITCH AND WALL PLUGS TO BE INSTALLED IN THE VENTILATION SYSTEM. EMERGENCY SHUT OFF PROVIDED BY OTHERS. REFERENCE ELECTRICAL AND ARCHITECTURAL DRAWINGS.

**SHEET GENERAL NOTE:**

- MECHANICAL CONTRACTOR SHALL ADJUST ALL LINEAR SLOT DIFFUSERS TO A GENERALLY VERTICAL FLOW. ADJUSTMENT SHALL BE MADE TO AS TO AVOID AIRWAYS OR BLENDS. REGENERATION CASES, OR OPEN FOOD REFRIGERATION EQUIPMENT.

**HVAC LEGEND**

SYMBOL	DESCRIPTION
	NEW RECTANGULAR OR ROUND DUCT
	FLEXIBLE DUCT
	SUPPLY AIR DUCTWORK UP THROUGH PLAN
	RETURN AIR DUCTWORK UP THROUGH PLAN
	EXHAUST AIR DUCTWORK UP THROUGH PLAN
	90° ELBOW WITH TURNING VANES
	MANUAL AIR VOLUME CONTROL DAMPER
	4 WAY SUPPLY AIR DIFFUSER
	3 WAY SUPPLY AIR DIFFUSER
	2 WAY OPPOSED SUPPLY AIR DIFFUSER
	2 WAY CORNER SUPPLY AIR DIFFUSER
	RETURN AIR DEVICE
	EXHAUST AIR DEVICE
	AIR CURTAIN
	LINEAR SLOT DIFFUSER WITH PLENUM
	COMBINATION TEMPERATURE/HUMIDITY SENSOR
	TEMPERATURE SENSOR
	CO2 SENSOR
	SWITCH
	TWO-LAMINATE DIFFUSER
	MECHANICAL EQUIPMENT TAG
	CONDENSATE PIPING
	ROOF MOUNTED EXHAUST FAN
	IN-LINE EXHAUST FAN
	PACKAGED ROOFTOP CONDENSER

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WAVA  
200 WEST BALTIMORE PIKE  
WAVA, PENNSYLVANIA 19003

CLIENT NAME  
WAVA  
200 WEST BALTIMORE PIKE  
WAVA, PENNSYLVANIA 19003

PROJECT NAME  
WAVA RFBFB V213  
STONE #5413  
7707 27TH COURT EAST,  
SANDSPRING, FL 32085

REVISIONS

NO.	DATE	DESCRIPTION
1	11/13/2022	ISSUED FOR PERMIT
2	11/13/2022	ISSUED FOR PERMIT
3	11/13/2022	ISSUED FOR PERMIT

PROJECT NO.  
2022071

DATE  
11/13/2022

DRAWN BY  
PJM

CHECKED BY  
JLD

**M1.0**