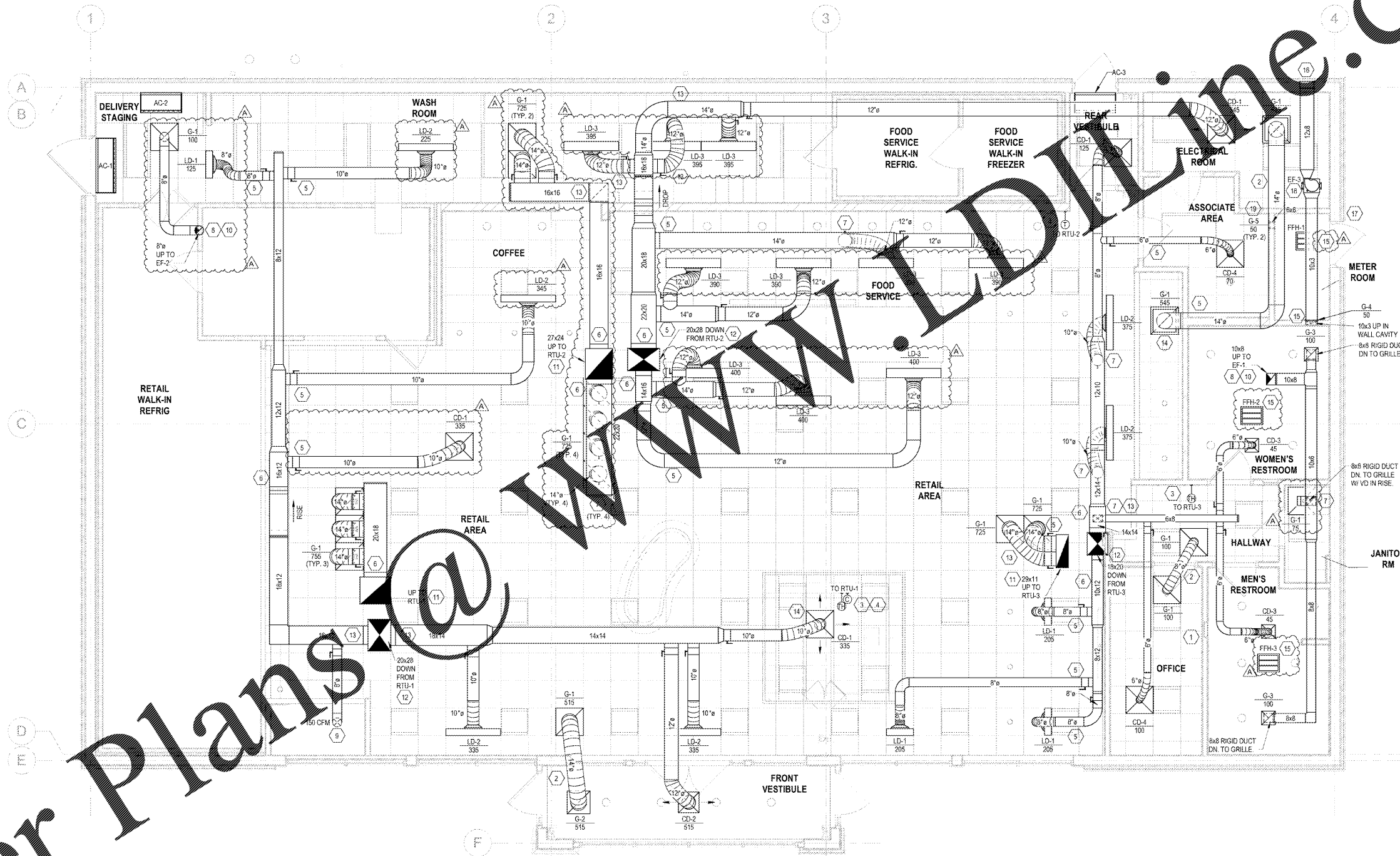


Order Plans



1 HVAC FLOOR PLAN
M1
1/4" = 1'-0"

FLOOR PLAN KEYNOTES

- 1 REMOVE TEST STATION FOR SMOKE DETECTORS FOR RTU-1, 2 & 3. TEST STATION TO BE MOUNTED ON THE MANAGERS OFFICE WALL. SECURITY CONTRACTOR SHALL WIRE RTU FACTORY MOUNTED SMOKE DETECTORS TO SECURITY/FIRE ALARM PANEL. MECHANICAL CONTRACTOR SHALL PROVIDE TEST STATION AND WIRING BETWEEN COMPONENTS AS WELL AS WIRING TO SHUT DOWN THE A/C FAN UPON ACTIVATION OF THE SMOKE DETECTOR. MECHANICAL CONTRACTOR TO PROVIDE WALL MOUNTED, FRAMED DIAGRAM SHOWING SMOKE DETECTOR LOCATIONS. G.C. TO TEST THE SMOKE DETECTOR FUNCTIONS WITH THE WAWA PROJECT MANAGER.
- 2 TRANSFER AIR DUCT ASSEMBLY.
- 3 OWNER SHALL PROVIDE WALL MOUNTED SENSOR(S) FOR EACH MECHANICAL UNIT SCHEDULED ON SHEET M3. G.C. SHALL INSTALL AND WIRE TO UNIT. BAS CONTRACTOR SHALL CONNECT TO MECHANICAL UNIT ONLY.
- 4 PROVIDE UNIT MANUFACTURERS CO2 SENSOR AND WIRE TO RTU-1. SENSOR TO MONITOR CO2 LEVELS THROUGH REMOTE BIAS.
- 5 ROUTE DUCT THROUGH ANGLED WEB MEMBER AND SUPPORT AT PANEL POINT.
- 6 DUCTWORK TO RUN WITHIN JOIST SPACING. MECHANICAL CONTRACTOR TO COORDINATE MECHANICAL WORK WITH ALL TRADES PRIOR TO INSTALLATION.
- 7 CONNECT TO BOTTOM OF MAIN DUCT.
- 8 EXHAUST FAN SPEED CONTROLLER SHALL BE MOUNTED ON INSIDE OF FAN COVER BY MECHANICAL CONTRACTOR AND SET BY THE BALANCER.
- 9 ROUTE SUPPLY DUCT DOWN THROUGH GYPSUM BOARD CEILING AND INTO CAVITY ABOVE FREEZER WITHIN 12" OF BACK WALL. SEAL AROUND DUCT AT PENETRATION AIR TIGHT AND TERMINATE DUCT WITH OPEN END.
- 10 EXHAUST DUCT UP TO ROOF MOUNTED EXHAUST FAN. SEE ROOF PLAN FOR CONTINUATION.
- 11 RETURN DUCT PLENUM UP TO RTU FULL SIZE OF UNIT CONNECTION.
- 12 SUPPLY DUCT PLENUM DOWN FROM RTU FULL SIZE OF UNIT CONNECTION.
- 13 DUCT TO PASS BELOW BEAM IN THIS AREA. COORDINATE WITH STRUCTURE.
- 14 MOUNT SUPPLY DIFFUSER OR RETURN GRILLE IN LOWER CEILING AT THIS LOCATION.
- 15 HEATER SHALL BE A MINIMUM OF 12" AWAY FROM ANY WALL.
- 16 12"X12" EXTERIOR WALL LOUVER MODEL EHH-601 AS MANUFACTURED BY GREENHECK. INSTALL PER MANUFACTURERS RECOMMENDED INSTALLATION INSTRUCTIONS. FLORIDA PRODUCT APPROVAL #10088.1. PROVIDE WITH BIRD SCREEN, 1-1/2" FLANGE, AND ALUMINUM MILL FINISH.
- 17 EMERGENCY SHUTOFF SWITCH AND WALL PLACARD INDICATING VENTILATION SYSTEM EMERGENCY SHUTOFF PROVIDED BY OTHERS. REFERENCE ELECTRICAL AND ARCHITECTURAL DRAWINGS.
- 18 INSTALL EXHAUST FAN PER DETAIL SHEET M3. FAN SHALL BE WIRED TO EMERGENCY SHUTOFF SWITCH PROVIDED BY OTHERS. REFERENCE ARCHITECTURAL AND ELECTRICAL DRAWINGS.
- 19 WALL TRANSFER DUCT ASSEMBLY. MOUNT CENTER OF GRILLE WITHIN 12" OF CEILING. COORDINATE WITH ALL OTHER TRADES.

SHEET GENERAL NOTES:

- 1 MECHANICAL CONTRACTOR SHALL ADJUST ALL LINEAR SLOT DIFFUSERS TO A GENERALLY VERTICAL FLOW. ADJUSTMENT SHALL BE MADE SO AS TO AVOID AIRFLOWS ON SENSORS, REFRIGERATION CASES, OR OPEN FOOD REFRIGERATION EQUIPMENT.

Revision Schedule	No.	Description	Date
PERMIT SET	A	REV V2018 01	09/21/2018
BID SET	B	REV V2018 01	01/28/2019

PROJECT NO.	2180130
DATE	09-21-2018
DRAWN	FWK
CHECKED	JUD/FP

M1

CLIENT NAME
WAWA
280 W. BALTIMORE PIKE
WAWA, PA 19063

PROJECT NAME
U45-VA V2018 01-MA
STORE #8647-PHM
PARRHAM RD. & THREE CHOPT RD.
HENRICO, VA

SHEET TITLE
HVAC FLOOR PLAN

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