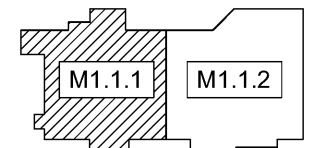


**SHEET KEYNOTES**

- HOOD MOUNTED UTILITY CABINET CONTAINING ANSUL SYSTEM BOTTLES AND ELECTRICAL STARTERS. SEE HSD-4/M.S.1.
- GH-3 ANSUL PULL STATION. VERIFY LOCATION WITH OWNER'S PROJECT MANAGER. MOUNT BETWEEN 42" AND 48" ABOVE FINISHED FLOOR. PROVIDE LABEL INDICATING HOOD SERVED.
- GH-4 ANSUL PULL STATION. VERIFY LOCATION WITH OWNER'S PROJECT MANAGER. MOUNT BETWEEN 42" AND 48" ABOVE FINISHED FLOOR. PROVIDE LABEL INDICATING HOOD SERVED.
- 20x20 GREASE DUCT DOWN FROM EF-7 ON ROOF TO GH-3 HOOD COLLAR. REFER TO HSD-4/M.S.1.
- 18x16 GREASE DUCT DOWN FROM EF-8 ON ROOF TO GH-4 HOOD COLLAR. REFER TO HSD-4/M.S.1.
- INSTALL PW-20 VENT KIT PROVIDED BY HOBART. VENT KIT AUTOMATICALLY REMOVES STEAM/CONDENSATE AT THE END OF COMPLETION OF THE WASH CYCLE. REFER TO HSD-5/M.S.1.
- VENT UP FROM DOUBLE RACK OVEN TO EXHAUST ON ROOF. REFER TO HSD-7/M.S.1.
- 12x12 EXHAUST DUCT UP TO EF-20 ON ROOF.
- 12x12 EXHAUST DUCT UP TO EF-20 ON ROOF.
- 8x8 EXHAUST DUCT UP TO EF-13 ON ROOF.
- 8x8 EXHAUST DUCT UP TO EF-13 ON ROOF.
- 1" GAS PIPE RISER. REFER TO DETAIL 3/M.O.1.
- 1" GAS PIPE RISER. REFER TO DETAIL 4/M.O.1.
- PIPE DOWN FROM ROOF TO DOUBLE RACK OVENS.
- PROVIDE HVAC REFRIGERATION PIPING PER MANUFACTURER'S RECOMMENDATIONS. REFER TO HSD-11/M.S.1.
- 10" DUCT UP TO EF-16 ON ROOF.
- REFER TO HSD-1/M.S.1.
- 8x8 EXHAUST DUCT UP TO EF-18 ON ROOF.
- CONNECT EF-14 TO EXISTING 12x12 DUCT DROP.
- MOUNT SENSOR 7'-6" AFF. SEE ESD-46.
- MOUNT SENSOR 5' AFF. SEE ESD-46.
- RELATIVE HUMIDITY/TEMPERATURE SENSOR USED FOR CYCLING ANTI-SWEAT CASE HEATERS AND HVAC HUMIDITY CONTROL.
- MOUNT GRILLE 7'-6" AFF.
- MOUNT GRILLE 15' AFF.
- GH-4 ANSUL PULL STATION. VERIFY LOCATION WITH OWNER'S PROJECT MANAGER. MOUNT BETWEEN 42" AND 48" ABOVE FINISHED FLOOR. PROVIDE LABEL INDICATING HOOD SERVED.
- THE GENERAL CONTRACTOR IS TO BID THE SETTING, INSTALLATION, CONNECTION, ELECTRICAL WIRING, ELECTRICAL CONNECTIONS, ETC. FOR THE EQUIPMENT SHOWN HATCHED IN THE MEALS PREP - 123 AND TENANT PREP - 119 AS ALTERNATE #1 IN THEIR BID. THE HOOD, ROOF PENETRATION, WIRING, SWITCHES, ETC. FOR THE SMOKER IN TENANT PREP - 119 IS TO BE INCLUDED IN THE ALTERNATE #1.

**GENERAL HVAC NOTES**

- PROVIDE BALANCING DAMPERS AT POINTS ON SUPPLY, RETURN, AND EXHAUST SYSTEMS WHERE BRANCHES LEAD FROM LARGE DUCTS AS REQUIRED FOR AIR BALANCING. INSTALL AT A MINIMUM OF TWO DUCT WIDTHS FROM BRANCH TAKEOFF.
- SEE AIR DISTRIBUTION SCHEDULE FOR DUCT RUNOUT SIZES TO SUPPLY DEVICES.
- WHEN PRACTICAL, CONSOLIDATE REFRIGERATION AND OTHER UTILITY LINE DROPS. CONSTRUCT BOX AROUND CONSOLIDATED LINE DROPS.
- PROVIDE TURNING VANES IN SQUARE ELBOWS AS SHOWN IN DETAIL 1/M.O.1. DO NOT PUT TURNING VANES IN EXHAUST GREASE DUCT.
- PROVIDE BRANCH TAKEOFFS AS SHOWN IN DETAIL 2/M.O.1.
- PROVIDE DUCT LINER IN RECTANGULAR SUPPLY AND RETURN DUCTS IN SPACES WITHOUT A CEILING FOR A DISTANCE OF 10 FEET FROM FIRST ELBOW BELOW THE ROOF.
- MOUNT ALL DUCT, IN PROJECT, ON SALES FLOOR TIGHT TO STRUCTURE UNLESS STATED OTHERWISE. REFER TO HSD-3/M.S.1.



**01 PARTIAL HVAC PLAN WEST**  
SCALE: 3/32" = 1'-0"

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FIRE PROTECTION

**ISSUE LOG**

NO.	REV.	DESCRIPTION	DATE
1	-	PERMIT SET	12/05/18
2	-	BID SET	03/21/19

JOB: 2018041 SCALE: AS SHOWN  
SHEET NO.  
**M1.1.1**  
PARTIAL HVAC PLAN WEST  
KEY PLAN  
SCALE: NOT TO SCALE  
NORTH