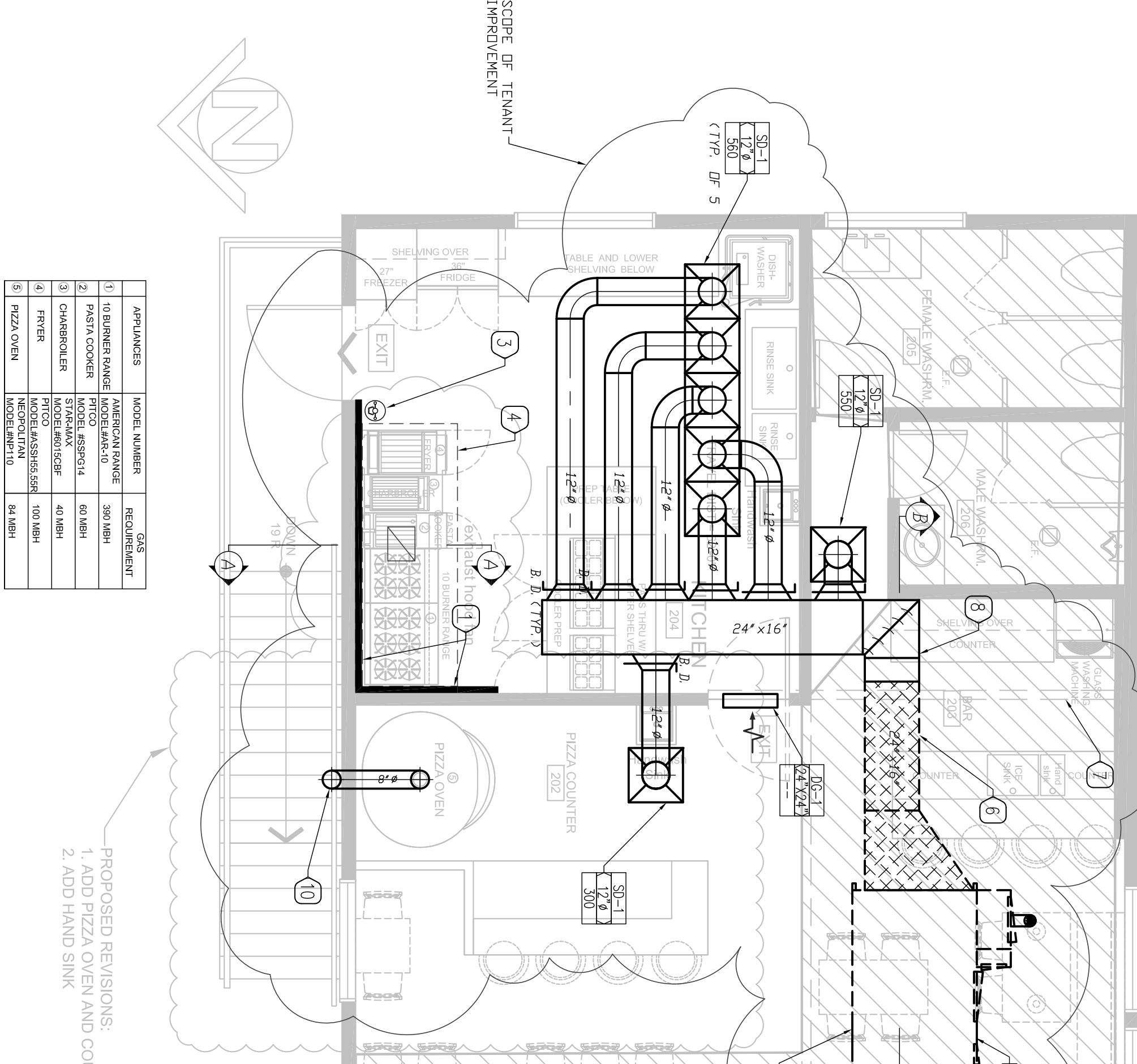


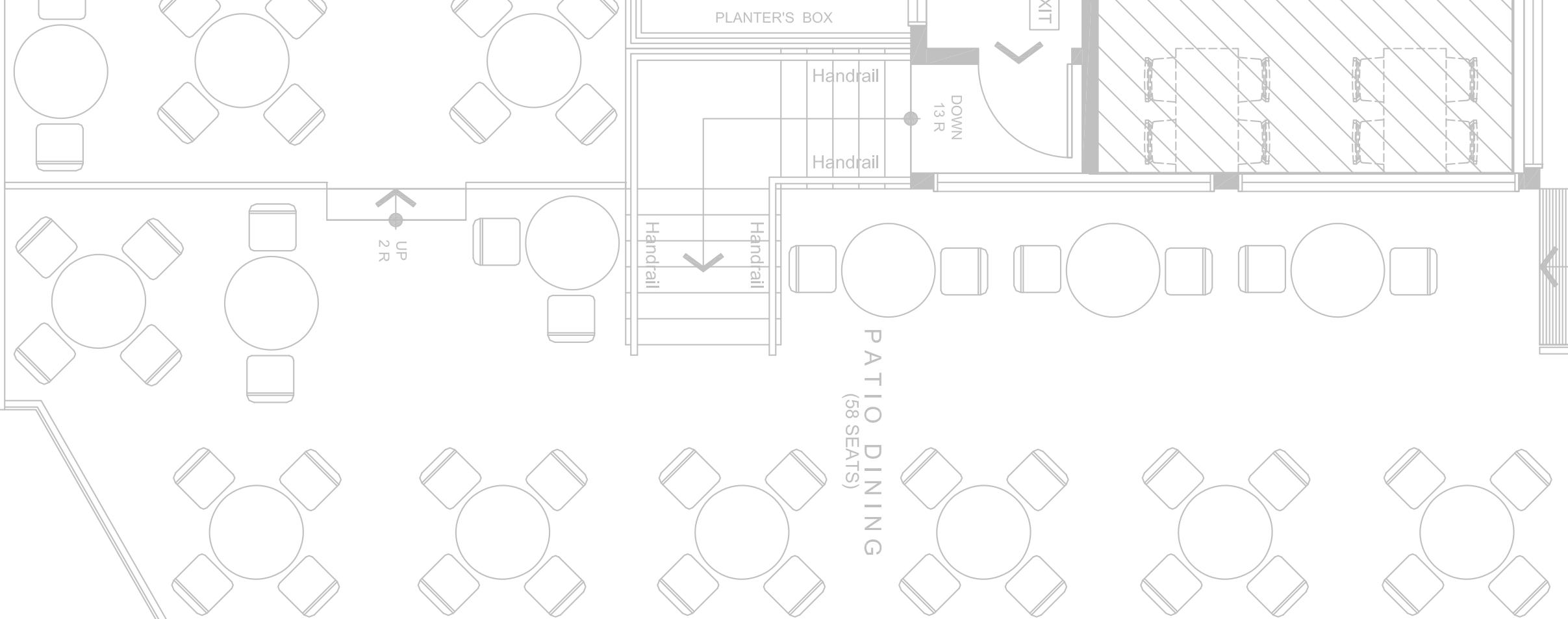
HVAC DESIGN NOTES

- Provide new 3' clearance reduction baffle, behind the hood to the flue, extend the baffle 18" above the hood and each side of hood and where exhaust duct is installed less than 18" from combustible construction. 1" mineral wool batt insulation reinforced with wire mesh and 1" metal 1' spacers per R-26 per detail 41 on this drawing.
- Existing black iron grease duct and clearance reduction baffle, extend baffle to 18" min. below sloped roof as required.
- Manual remote hood fire suppression pull station installed at 48" A.F. at egress route.
- Existing hood and exhaust ducting to remain.
- New make up air unit on roof.
- Supply air duct runs 4' above flat roof and enters attic from the side. See section BB.
- Duct in attic space.
- Outlines of the flat roof above.
- Existing black iron grease duct, maintain 18" min. clearance between duct and combustible and 3" to limited combustible materials.
- Provide masonry oven chimney, model # DKL- double wall s.s. exhaust chimney shall be installed supported and terminated above roof as per manufacturer recommendations.



HVAC FLOOR PLAN

SCALE: 1/4" = 1'-0"



AERIAL VIEW OF ROOF PLAN

SCALE: N.T.S.



Project:

RESTAURANT PROPOSED TENANT IMPROVEMENT

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UPPER FLOOR HVAC

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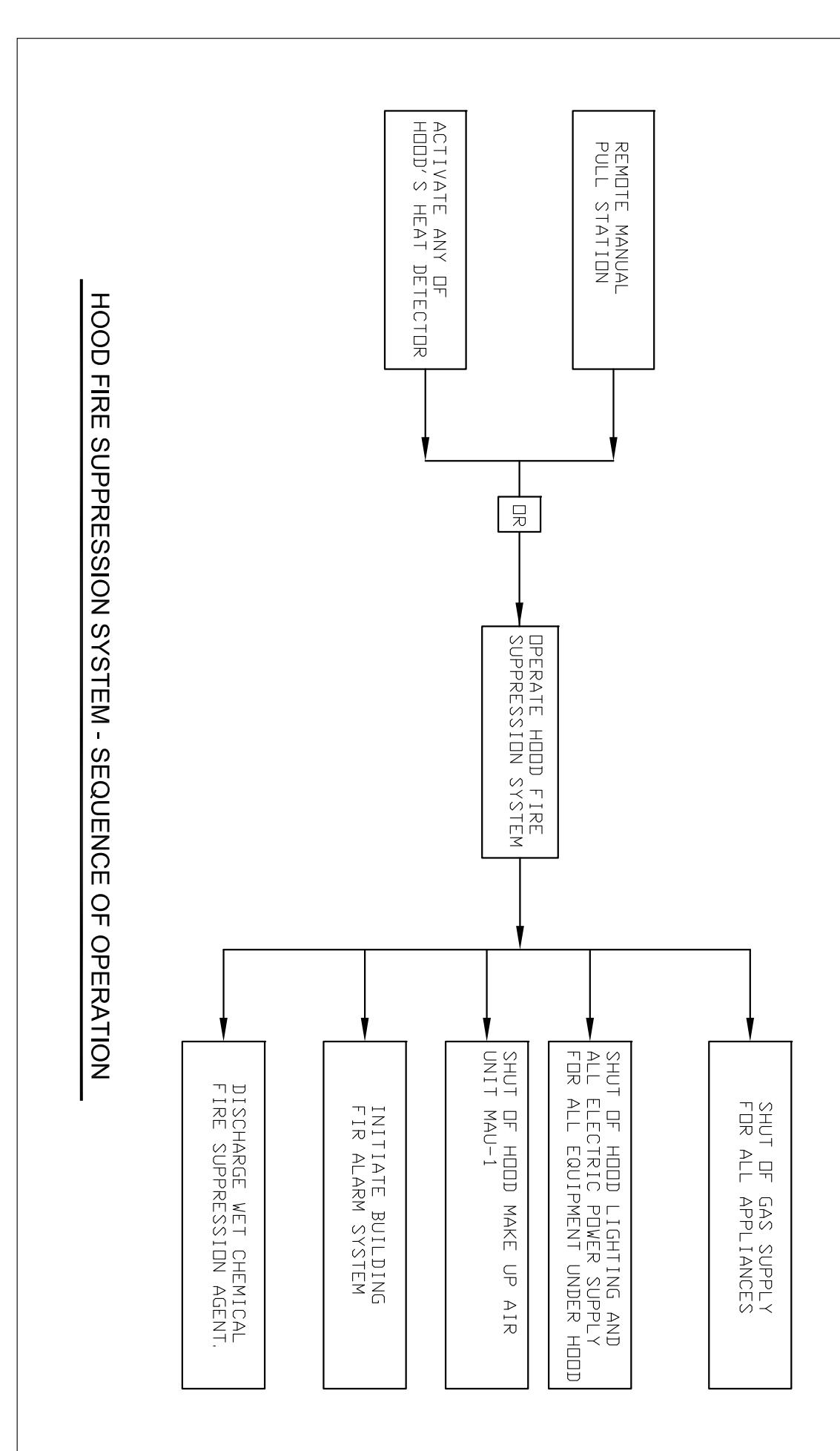
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Sheet Title:

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NOTES

A. DESIGN STANDARDS:

1. 2012 BC Building Code.
2. NFPA 96 - 2011, Standard of Ventilation Control and Fire Protection of Commercial Cooking Operations.
3. NFPA 17 - 2005, Standard of Wet Chemical Extinguishing Systems.
4. ANSI/UL 200, Fire Testing of Fire Extinguishing Systems for Protection of Commercial Cooking Equipment.

B. MANUFACTURER'S MANUAL:

1. INSTALLATION OF FIRE SUPPRESSION SYSTEM SHALL BE AS MANUFACTURER REQUIREMENTS, STANDARD AND LIMITATION.

C. FIRE ALARM SYSTEM:

1. RANGE GUARD FIRE CHEMICAL - 2009 P/N: 60-9127100-000, APRIL 2009

D. IMPLEMENTATION:

1. FIRE SUPPRESSION SYSTEM SHALL BE INSTALLED, INSPECTED, MAINTAINED, AND RECHARGED IN ACCORDANCE WITH MANUFACTURER'S USED INSTRUCTION MANUAL.
2. GENERAL CONTRACTOR/OWNER SHALL HIRE A LICENSED AND FULLY INSURED CONTRACTOR TO PERFORM FIRE SUPPRESSION SYSTEMS AND FIRE EXTINGUISHERS. CONTRACTOR AS PER MANUFACTURER INSTALLATION MANUAL AND AS PER NFPA 96, NFPA 17A AND 1300.
3. PROVIDE CLASS K PORTABLE FIRE EXTINGUISHERS AS PER NFPA 10 AND LOCAL FIRE MARSHALL REQUIREMENT.
4. PIPING LIMITATIONS SHALL BE FOLLOWED AS PER INSTALLATION MANUAL.
5. FIRE SUPPRESSION PIPING SHALL BE SCHEDULE 40 BLACK STEEL.
6. REMOVE MANUAL PULL STATION TO BE INSTALLED AT AN EXIT PATH AT A 48" ABOVE FINISHED FLOOR.
7. PROVIDE WHEEL LOCK TO SECURE APPLIANCES FINAL POSITIONS ON THE FLOOR UNDER EXHAUST CONCEPT.
8. FIRE SUPPRESSION PIPING SHALL CONTINUE TO RUN WHEN THE EXHAUST FAN IS TURNED ON.
9. FIRE SUPPRESSION SYSTEM IS ACTIVATED.
10. FIRE SUPPRESSION SYSTEM IS ACTIVATED WHEN THE FIRE EXHAUST FAN IS TURNED ON.

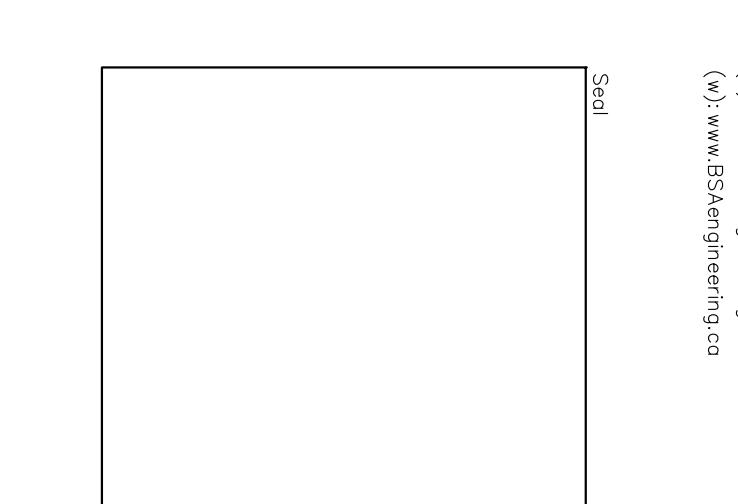
6. NOTE FOR FIRE ALARM SYSTEM BY ELECTRICAL:

1. KITCHEN HOOD FIRE SUPPRESSION SYSTEM SHALL BE TIED TO BUILDING FIRE ALARM SYSTEM TO ANNOUNCE AS A SEPARATE ZONE.
2. THERE IS NO INTERLOCK BETWEEN HOOD EXHAUST FAN AND FIRE SUPPRESSION SYSTEM.
3. HOOD EXHAUST FAN SHALL CONTINUE TO RUN WHEN THE FIRE SUPPRESSION SYSTEM IS ACTIVATED.
4. MAKE UP AIR UNIT SHALL SWING OPEN WHEN THE FIRE SUPPRESSION SYSTEM IS ACTIVATED.

These drawings are for the purpose specifically intended for the region and issue counts as shown, not for printing or reproduction.

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Project:

RESTAURANT PROPOSED TENANT IMPROVEMENT

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Sheet Title:

KITCHEN HOOD
WEST CHEMICAL
FIRE SUPPRESSION

ISSUES	DESCRIPTION	DATE
	ISSUED FOR COORDINATION	SEP 07, 2018
	ISSUED FOR BUILDING PERMIT	SEP 26, 2018

