

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

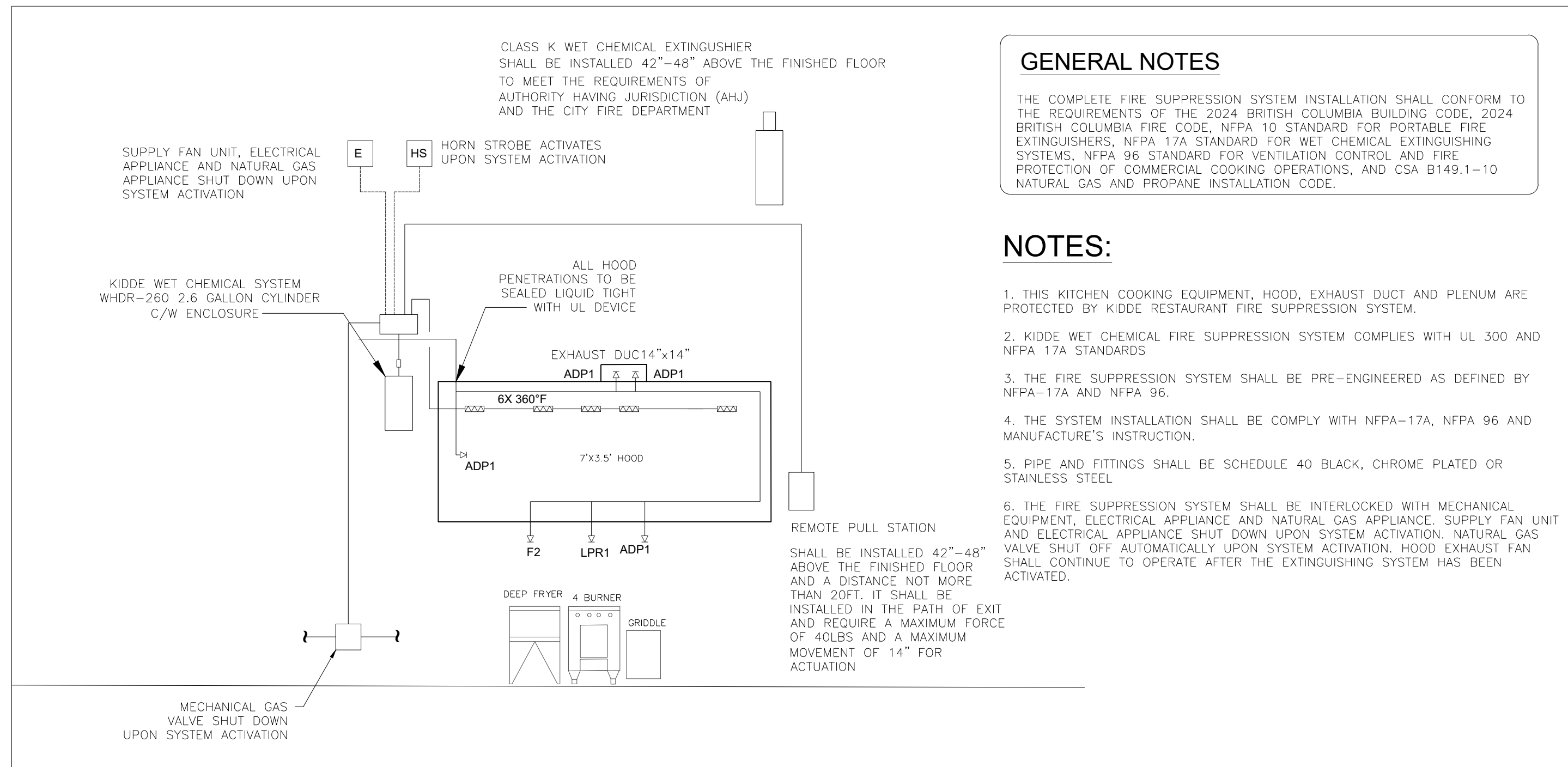
EXHAUST FAN SCHEDULE

UNIT NO.	TAG	ACME	CFM	ESP.	RPM	H.P.	FAN LV	Ø	VOLT	FLA	WT (LBS)	NOTES
1	EF-1	POU150	1960	0.5	1160	0.5	-	1	208	-	120	GREASE FAN

MAKE UP AIR UNIT

FAN UNIT NO.	TAG	GREENHECK	CFM	ESP.	RPM	H.P.	GAS INPUT	Ø	VOLT	FLA	WT (LBS)	SONES
1	MUA-1	DGX-H05	1866	1.50	1292	2	260MBTU	3	208	8.3	650	10.8

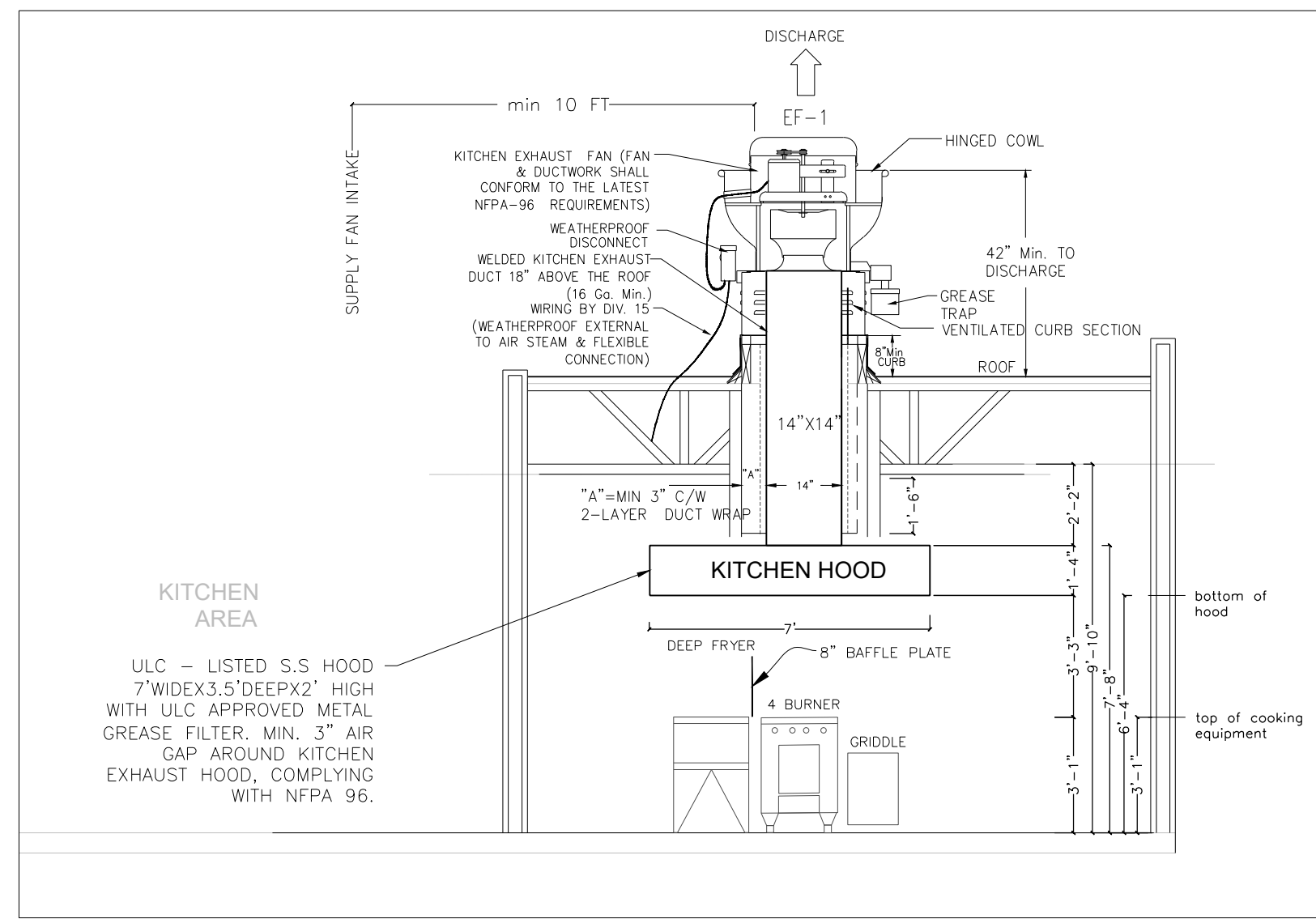
GENERAL HVAC NOTE.
1. THIS KITCHEN HVAC CONTRACT IS FOR KITCHEN HOOD VENTILATION SYSTEM ONLY.
2. PROVIDE MUA-1 INTERLOCK WITH EF-1 BY ELECTRICAL CONTRACTOR.



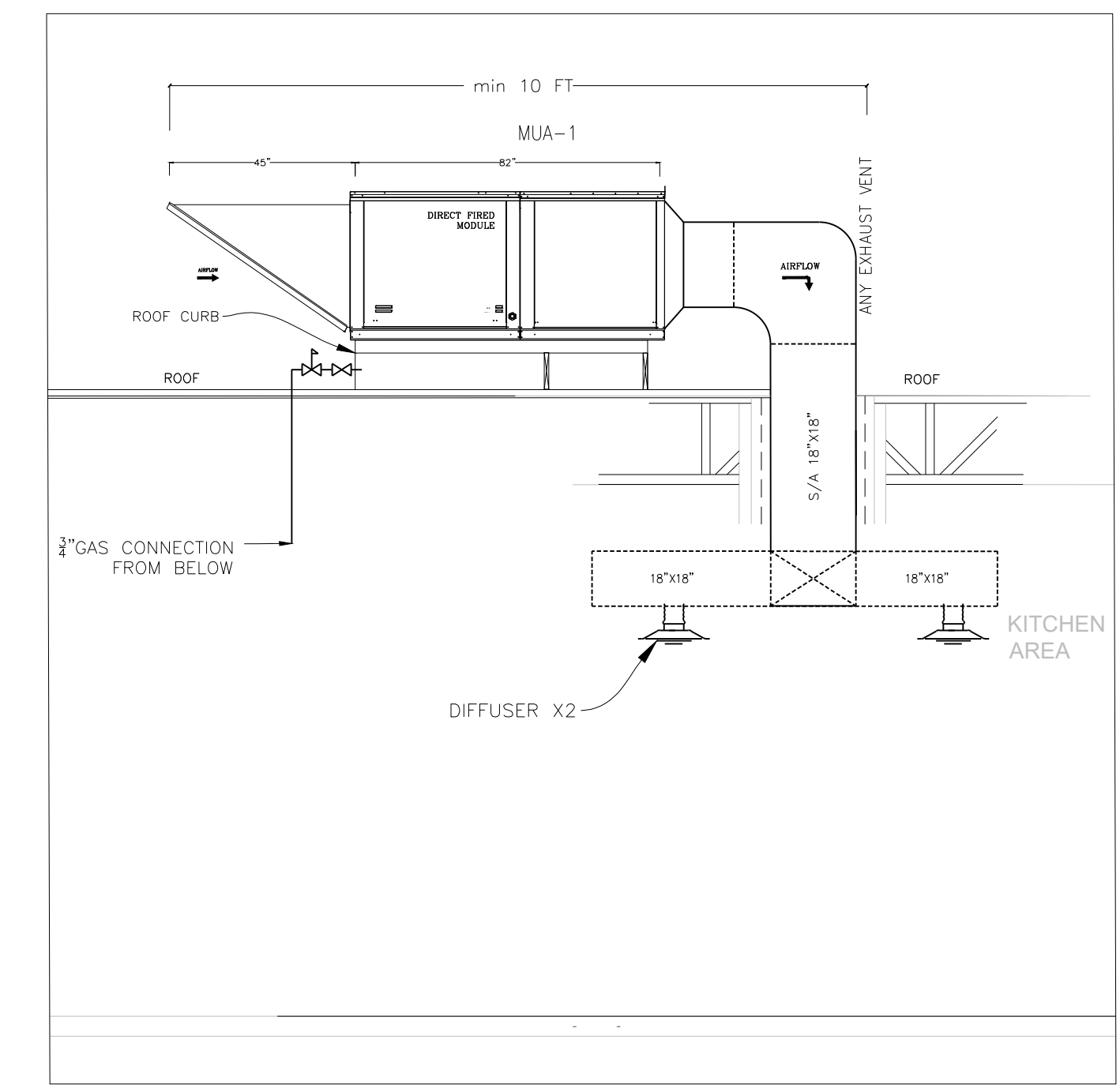
FIRE SUPPRESSION SYSTEM SKETCH
NTS

GENERAL NOTES
THE COMPLETE FIRE SUPPRESSION SYSTEM INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE 2024 BRITISH COLUMBIA BUILDING CODE, 2024 BRITISH COLUMBIA FIRE CODE, NFPA 10 STANDARD FOR PORTABLE FIRE EXTINGUISHERS, NFPA 17A STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS, NFPA 96 STANDARD FOR VENTILATION CONTROL AND FIRE PROTECTION OF COMMERCIAL COOKING OPERATIONS, AND CSA B149.1-10 NATURAL GAS AND PROPANE INSTALLATION CODE.

- NOTES:**
1. THIS KITCHEN COOKING EQUIPMENT, HOOD, EXHAUST DUCT AND PLENUM ARE PROTECTED BY KIDDE RESTAURANT FIRE SUPPRESSION SYSTEM.
 2. KIDDE WET CHEMICAL FIRE SUPPRESSION SYSTEM COMPLIES WITH UL 300 AND NFPA 17A STANDARDS.
 3. THE FIRE SUPPRESSION SYSTEM SHALL BE PRE-ENGINEERED AS DEFINED BY NFPA-17A AND NFPA 96.
 4. THE SYSTEM INSTALLATION SHALL BE COMPLY WITH NFPA-17A, NFPA 96 AND MANUFACTURE'S INSTRUCTION.
 5. PIPE AND FITTINGS SHALL BE SCHEDULE 40 BLACK, CHROME PLATED OR STAINLESS STEEL.
 6. THE FIRE SUPPRESSION SYSTEM SHALL BE INTERLOCKED WITH MECHANICAL EQUIPMENT, ELECTRICAL APPLIANCE AND NATURAL GAS APPLIANCE. SUPPLY FAN UNIT AND ELECTRICAL APPLIANCE SHUT DOWN UPON SYSTEM ACTIVATION. NATURAL GAS VALVE SHUT OFF AUTOMATICALLY UPON SYSTEM ACTIVATION. HOOD EXHAUST FAN SHALL CONTINUE TO OPERATE AFTER THE EXTINGUISHING SYSTEM HAS BEEN ACTIVATED.



A-A SECTION
1/4"=1'-0"



B-B SECTION
1/4"=1'-0"

KITCHEN EXHAUST NOTES:
PROVIDE ALL NEW HOODS, DUCTING, EXHAUST FAN MEET NFPA 96.
ALL KITCHEN EXHAUST SYSTEMS INCLUDING FANS, DUCTING, HOODS, EXTINGUISHING AND CONTROLS SHALL COMPLY WITH ALL RELEVANT NFPA AND LOCAL AUTHORITY REQUIREMENTS.
ALL KITCHEN EQUIPMENT SHALL MEET ULC/ORD 1254.6-1995 REQUIREMENTS.
ALL KITCHEN EXHAUST DUCTS TO BE 16 GA. BLACK IRON WITH CONTINUOUS EXTERNAL WELDED SEAMS AND FLANGED JOINTS TO NFPA 96.
ALL KITCHEN EXHAUST DUCTING TO MAINTAIN A MINIMUM 18" CLEARANCE TO COMBUSTIBLES, 3" TO LIMITED COMBUSTIBLES, AND 0" TO NON-COMBUSTIBLES. WHERE THESE CLEARANCES CANNOT BE MET, APPLY 3M DUCT WRAP 615 2-LAYER GREASE DUCT METHOD.
ALL HORIZONTAL DUCTING SHALL SLOPE AT 2% BACK TO CANOPY.
ALL EQUIPMENTS, HOODS, DUCTWORK SUPPORT SHALL MEET ALL CODES AND INSURANCE REQUIREMENTS, INCLUDING SEISMIC RESTRAINTS.

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Rev.	Description	DD/MM/YY

1.	Issue for B.P.	16/04/25
No.	Issued For	DD/MM/YY

Mechanical drawings to be read in conjunction with and in compliance with the mechanical specifications. Plot size of this drawings is 36"x24".
These drawings are for the purposes specifically identified in the revision and issue columns. These drawings are not for pricing or construction unless indicated as such.
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ENGINEER'S SEAL

UNIT 102B - 2100 WHATCOM RD
ABBOTSFORD BC

PROJECT# 2025-13

MECH PLAN

SHEET TITLE

DC DRAWN: **DCHEN** CHECKED:

AS NOTED SCALE:

DATE: 2025-04-16

DWG # **M-01** OF **01** REV. #

PROJECT # 2025-13