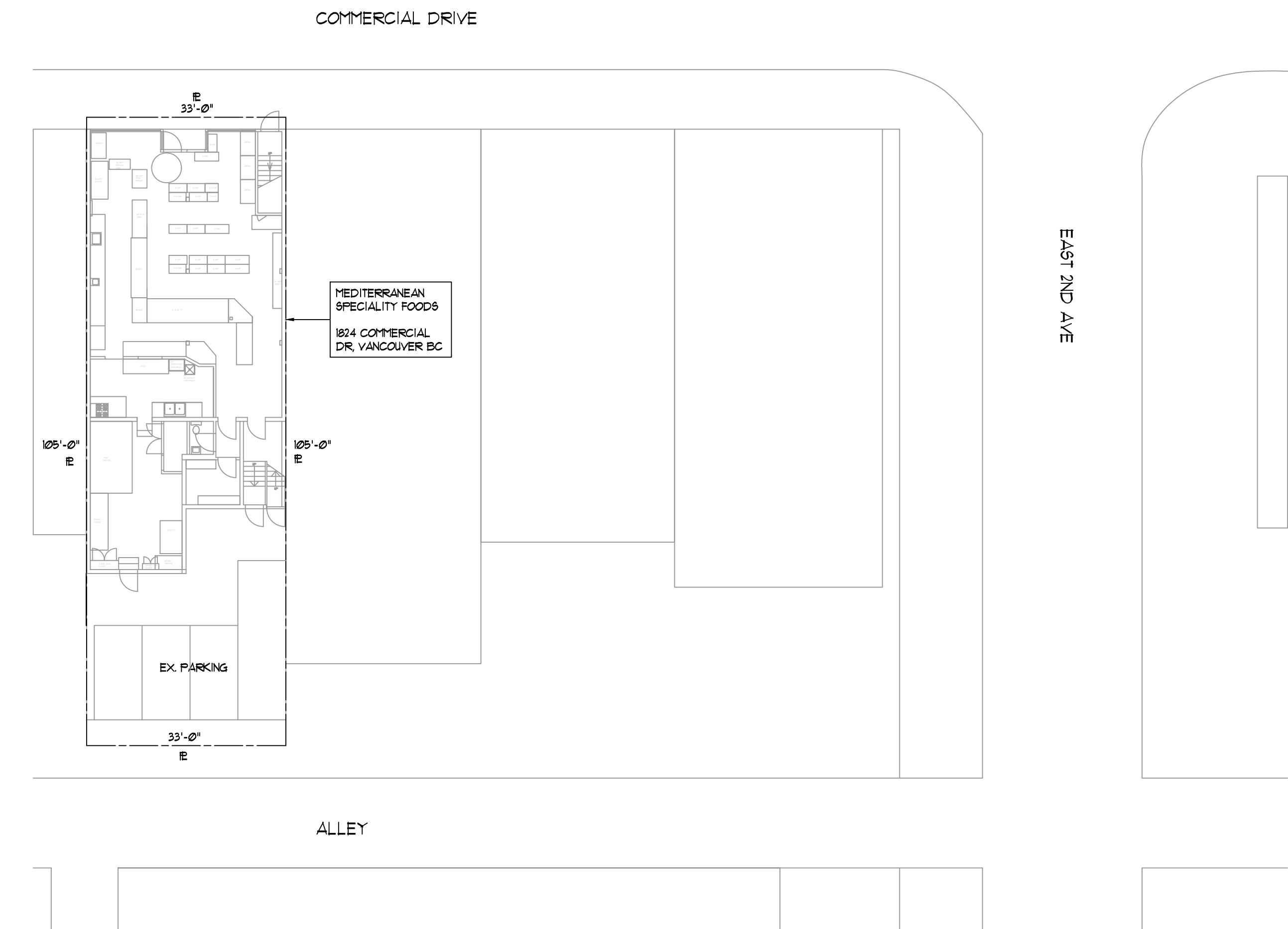
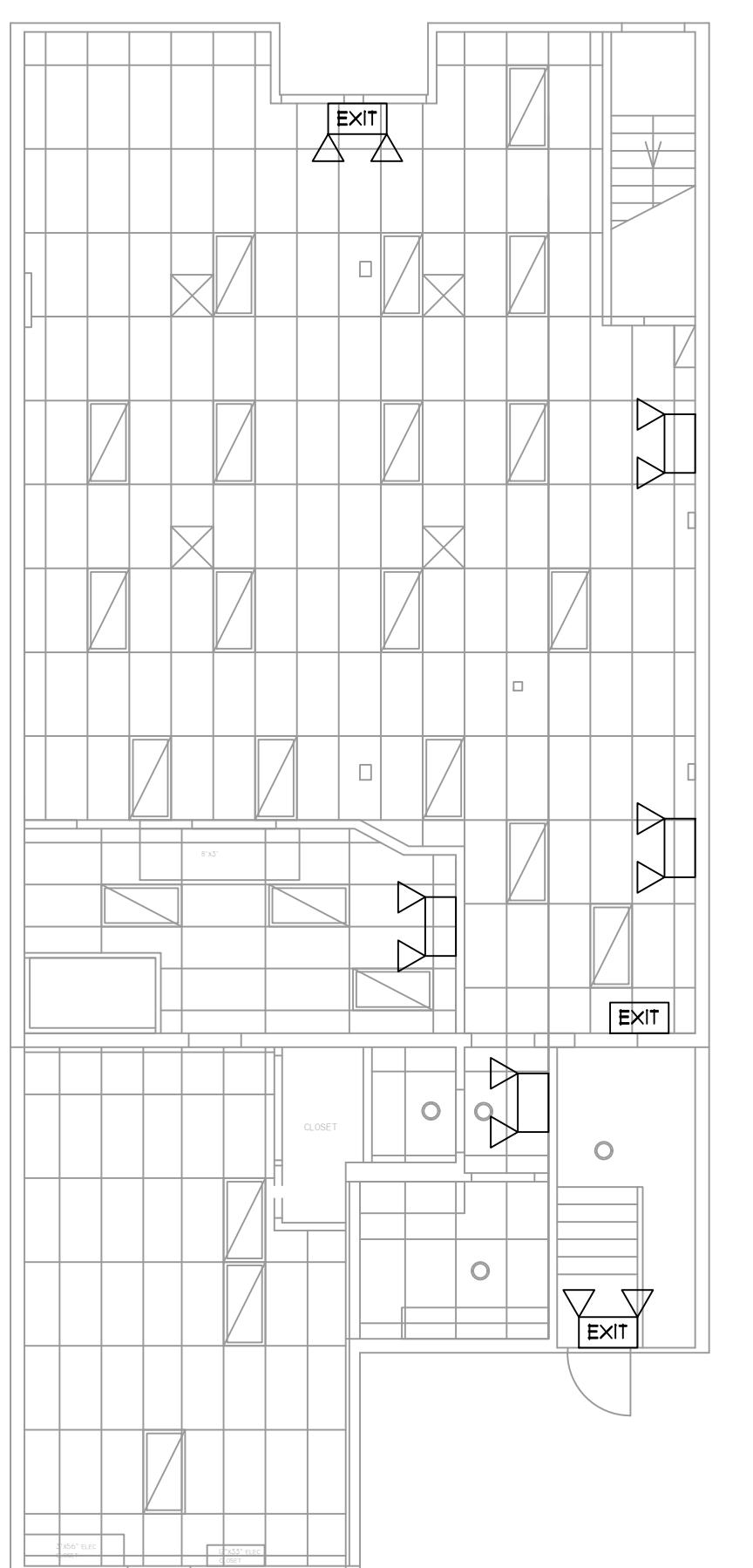


EQUIPMENT SCHEDULE

ITEM NO.	DESCRIPTION	NO	MFG / MODEL	KW	V	PH	MBH	CU	HU	DRW	GT-1 GPM	REMARK
01	6'X42" KITCHEN HOOD	-	-	-	-	-	-	-	-	-	-	-
02	12'X30" 55" TABLE	-	-	-	-	-	-	-	-	-	-	-
03	4-BURNER	-	BAKER PRIDE 24-BP-4B-S20	-	-	-	40	-	-	-	-	-
04	EX. 8'X3' 55" TABLE	-	-	-	-	-	-	-	-	-	-	-
05	EX. 2' COMP-SINK (21"X17"X14"X2)	-	-	-	-	-	-	-	-	-	2"	433
06	RELOCATED HAND SINK	-	-	-	-	-	-	-	-	-	1/2"	1/2"
07	GREASE INTERCEPTOR	-	SEE EQUIPMENT LIST	-	-	-	-	-	-	-	1 1/4"	-
08	6'X42" CANOPY HOOD	1	CUSTOM MAKE	-	-	-	-	-	-	-	-	-
09	BAKING OVEN	-	BAKER PRIDE D-125	-	-	-	-	-	-	-	105	-
10	MOP SINK 20"X20"X12"	-	-	-	-	-	-	-	-	-	1/2"	1/2"
											2"	113
												NON-SIMULTANEOUS LOAD
												TOTAL: 433 GT-1 = 50 GPM

BUILDING CODE ANALYSIS: VBBL 2014

LEGAL DESCRIPTION	ADDRESS	LEGAL DESCRIPTION
1824 COMMERCIAL DR, VICTORIA DR, VANCOUVER, BC,	LOT 9, BLK 144, PL VAP144, DL-164A NUD EXCEPT	PLAN PT IN PL 4388, OF LOT A, • PL-111
BUILDING STATISTICS		
BUILDING AREA FOOTPRINT: 2294 SF. (213.12M ²)	UNIT GROSS FLOOR AREA: 2105 SF. (196.5M ²)	NO. OF STREET FACING: ONE
NO. OF STOREYS: 1	SPRINKLERED: NONE	NO. OF STOREYS: TWO
MAJOR OCCUPANCY: 32266 GROUP E - MARKET	BUILDING CONSTRUCTION TYPE: COMBUSTIBLE	TRAVEL DISTANCE: PROVIDED 14.2M REQUIRED MAX ISM 3.315A
EMERGENCY LIGHT POWER: 30 MIN	EXIT: 2	EMERGENCY LIGHT POWER: 30 MIN
WASHROOM: 1		WASHROOM: 1
SECTION 3.11: OCCUPANT LOAD DETERMINATION (VBBL 2014 TABLE 3.11T1)		
KITCHEN: 9.3 SQM PER PERSON X 16.0 SQM (200 SQFT) = 5.6 (3 PERSON)		
SERVICE AREA: 3.1 SQM PER PERSON X 18.6 SQM (200 SQFT) = 5.6 (5 PERSON)		
MERCHANTILE: 3.1 SQM PER PERSON X 38.1 SQM (410 SQFT) = 10.5 (11 PERSON)		
TOTAL: 19 PERSON		
PART II: EXISTING BUILDINGS		
FLOW CHART I: MINOR RENOVATION - FI, R2, NI, A2, E2		
1: EXITS TO BE UPGRADED WITH RESPECT TO NUMBER, CAPACITY AND FIRE SEPARATIONS ONLY.		
2: NON-STRUCTURAL ELEMENTS AND FALLING HAZARDS MUST BE RESTRAINED TO RESIST LATERAL LOADS. ALL EXISTING CEILINGS MUST BE RESTRAINED TO RESIST LATERAL LOADS. PROJECT: NO. 1824 COMMERCIAL DR, VANCOUVER, BC		
3: RESTRAIN ALL CEILINGS SUPPORTING FRAMES, T-BARS ASSEMBLIES, CEILING, OVERHEAD MECHANICAL DUCTS AND EQUIPMENT, OVERHEAD ELECTRICAL CONDUITS AND LIGHTS.		
A2: DOOR CLEARANCES, DOOR HARDWARE AND AREAS OF REFUGE.		
E2: REHABILITATION - MINOR RENOVATION (E2) - RETROFIT PATH: 1 • L1 • L2.		
L2 - HVAC - INSTALL MAKE UP AIR SUPPLY PER CODE TO BALANCE EXHAUST FANS OVER 3000CFM		



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FIELD REVIEW
Contractor shall responsible to inform the Engineer 48 hours prior the Field Reviews. Field Reviews are required for all under slab installation, rough-in installation and Final.

4 NOV 27/19 GENERAL REVISION L5

3 JUL 23/19 REDESIGN 4 RE-ISSUED FOR BP L5

2 MAY 23/19 ISSUED FOR BUILDING PERMIT L5

1 JAN 03/19 ISSUED FOR REVIEW L5

NO DATE REVISION BY

Stamp

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Cell: (778) 705-2481
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Project
MEDITERRANEAN SPECIALTY FOODS
1824 COMMERCIAL DRIVE
VANCOUVER, BC

DB-2019-03373

SITE PLAN
- MECHANICAL

Drawn LS Project No. M18239

Checked DS Drawing No.

Date JAN 2019

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

1 of 3

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FIELD REVIEW
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AIR BALANCING CALCULATION						
ITEM NO.	DESCRIPTION	CFM CAP.	O/A CAP.	E/A CAP.	KITCH BALC	COMMENTS
xEF	KITCHEN EXHAUST	2000	0	2000	-1000	
EF-1	KITCHEN EXHAUST	2000	0	2000	-1000	
SF-1	MAKE UP AIR UNIT	-	1000	-	1000	85.7% MUA FOR K2 FORM
SF-2	MAKE UP AIR UNIT	-	1100	-	1100	K2 FORM NOT APPLICABLE
	TOTAL	2000		3300		
KITCH O/A E/A						87.8% TOTAL MUA PERCENTAGE A) MIN. 80% WHEN NOT DIRECT FIRED.

HVAC GENERAL NOTE:

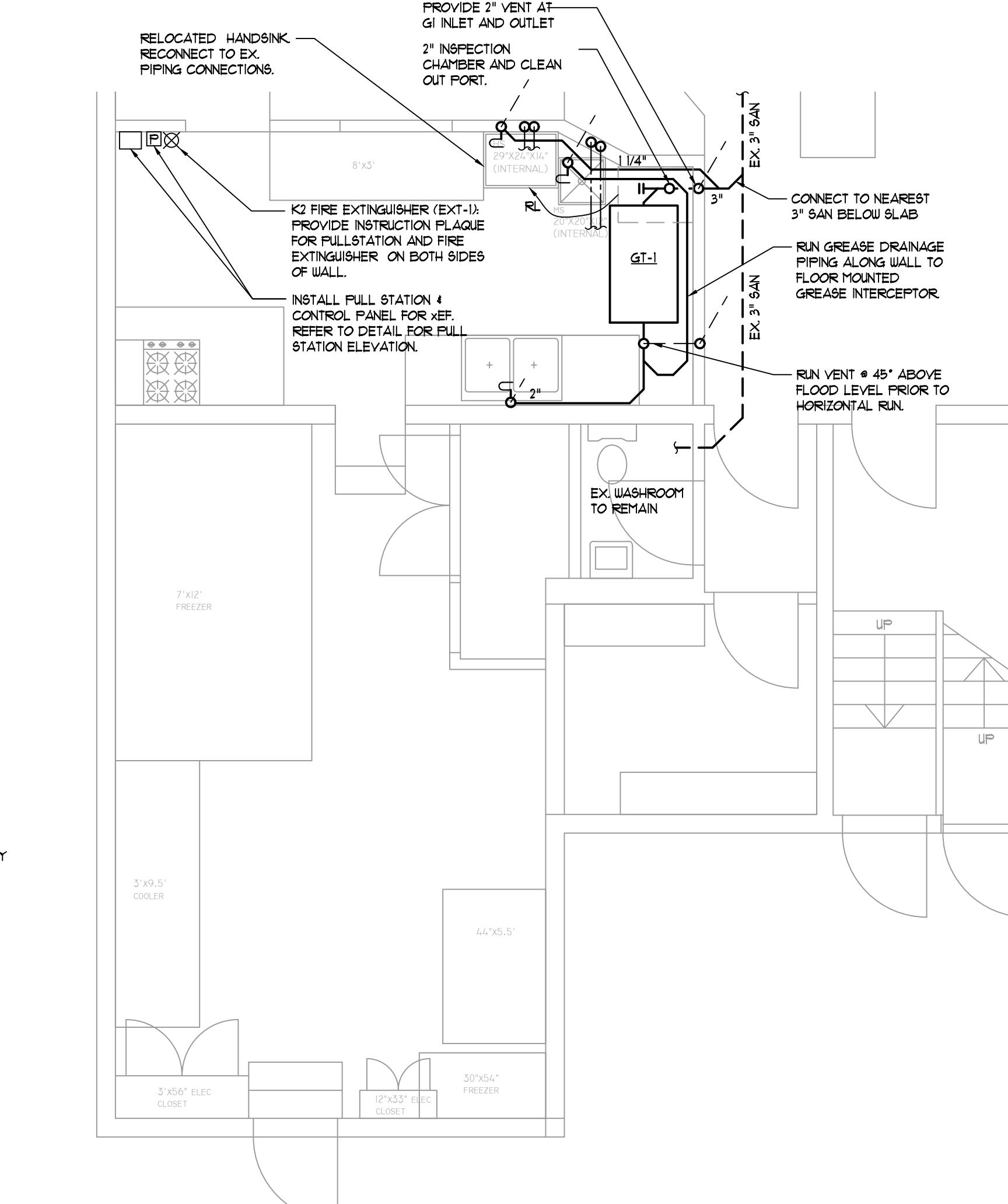
- ALL EXISTING SERVICE IN THIS DRAWING MAY NOT REFLECT THE EXACT LOCATION OF THE SERVICE. CONTRACTOR REQUIRE TO CONFIRM ALL EXIST. SERVICE ON-SITE PRIOR CONSTRUCTION. CONSULT ENGINEER IMMEDIATELY FOR ANY DISCREPANCY.
- CO-ORDINATE LOCATIONS OF ALL GRILLEES AND DIFFUSERS WITH LIGHTS, SPRINKLERS, ETC AND REFLECTED CEILING PLANS.
- KEEP ALL SERVICES AS HIGH AS POSSIBLE TO MAINTAIN CEILING HEIGHTS SHOWN ON ARCH.
- FINAL LOCATIONS OF ALL AIR HANDLING EQUIPMENT MUST BE SUCH THAT SERVICE IS EASILY MAINTAINED IN ORDER THAT THEY ARE READILY ACCESSIBLE FOR SERVICE/ADJUSTMENT.
- PROVIDE ALL DUCT AND PIPE DROPS OR RISERS IN CEILING SPACE WHETHER SHOWN OR NOT AS REQUIRED TO SUIT STRUCTURAL ELEMENTS, ROOF LEVELS, CEILING LEVELS ETC.
- PROVIDE BALANCING DAMPER ON ALL FRESH AIR AND SUPPLY AIR BRANCHES WHETHER SHOWN OR NOT.
- EXISTING BAKE OVEN LOCATIONS SHALL BE CONFIRMED BY MECHANICAL CONTRACTOR ON-SITE PRIOR TO AIR BALANCING.
- PROVIDE BIRD SCREEN RUST PROOF MESH AT ALL OUTDOOR INTAKE.
- ENSURE TO PROVIDE PROPER DUCTWORK GRADING FOR DRAINE.
- BALANCE EX. SUPPLY AIR FOR AIR HANDLING UNIT ASSOCIATED WITH KITCHEN MAKE UP AIR SYSTEM AS INDICATED. PROVIDE BALANCE AIR REPORT TO LINKFIELD ENGINEERING FOR REVIEW REFER TO SPECIFICATIONS FOR FURTHER DETAILS.

PLUMBING GENERAL NOTE:

- NO CHANGE TO EX FLOOR LAYOUT. PLUMBING RENOVATION TO INCLUDE GREASE DRAINAGE SYSTEM ONLY.
- PLUMBING CONTRACTOR TO PROVIDE SCOPING AND TO RECONFIGURE EX. SANITARY DRAINAGE TO MEET DESIGN INTENT.
- ALL EXISTING SERVICE IN THIS DRAWING MAY NOT REFLECT THE EXACT LOCATION OF THE SERVICE. CONTRACTOR REQUIRE TO CONFIRM ALL EXIST. SERVICE ON-SITE PRIOR CONSTRUCTION. CONSULT ENGINEER IMMEDIATELY FOR ANY DISCREPANCY.
- CONTRACTOR MUST VERIFY PIPE LENGTHS ON SITE PRIOR TO TENDER AND CONSTITUTE TO EQUIPMENT SCHEDULE FOR INDIVIDUAL PLUMBING FIXTURE LINE SIZING.
- CONTRACTOR TO REVIEW EXISTING SAN. PIPING INVERTS AND ESTABLISH MINIMUM GRADING PRIOR TO INSTALLATION. CONSULT LINKFIELD ENGINEERING FOR ANY INVERT COMPLICATIONS FOR REVIEW PRIOR TO INSTALLATION.
 - 3" SAN AND SMALLER - 2% SLOPE
 - 3" SAN 1/2% SLOPE
- INSTALL DRAINAGE DROPS RIGHT TO BACK OF WALL.
- KITCHEN SINK AND FAUCET SINK TO CONNECT TO NEW GREASE DRAINAGE SYSTEM.
- HANDSINK TO CONNECT TO NON-GREASE SANITARY SYSTEM.

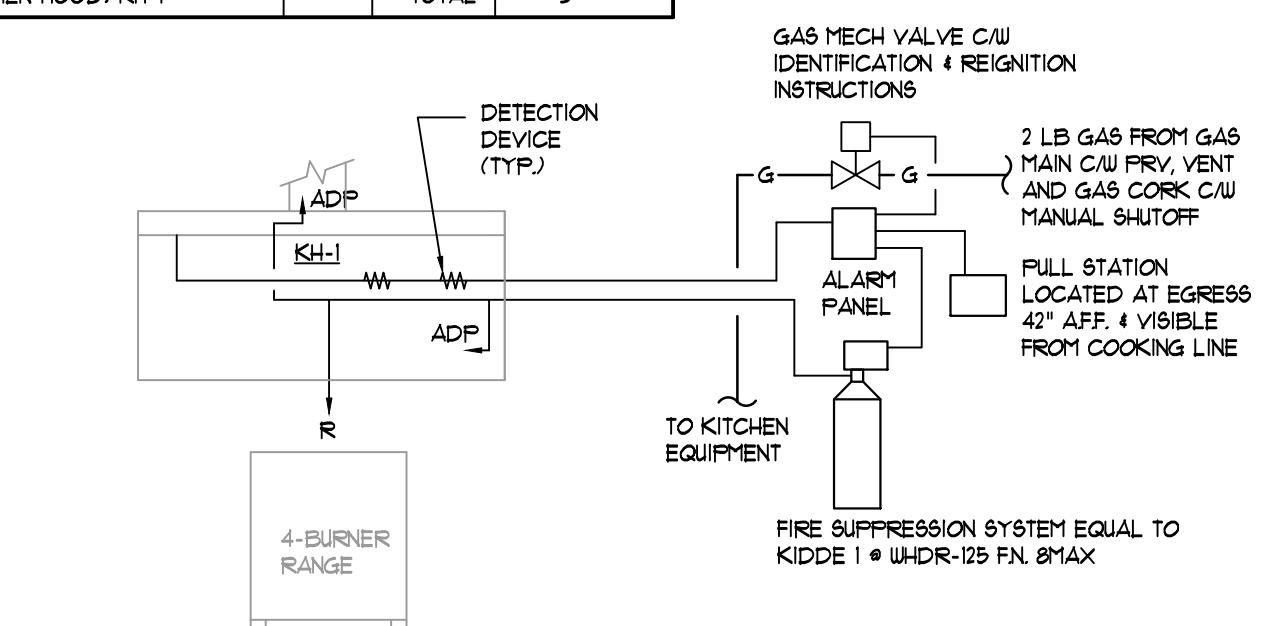
LEGEND

SAN SEWER EXPOSED	2 HR RATED DUCT WRAP
SAN SEWER (BURIED)	SUPPLY AIR DUCT (DOWN + UP)
DOMESTIC COLD WATER SUPPLY	RETURN AIR DUCT (DOWN + UP)
DOMESTIC HOT WATER SUPPLY	
G	TYPE
	SIZE - inches
	VOLUME - cfm
GAS LINE	AIR OUTLET
GATE VALVE	
GLOBE VALVE	PULL STATION FOR FIRE SUPPRESSION ACTIVATION
THERMOSTAT	K-CLASS FIRE EXTINGUISHER
FLOOR DRAIN	BALANCE DAMPER
RD	BACKDRAFT DAMPER
PIPE DROPPING	
PIPE RISING	
	PLUMBING FIXTURE

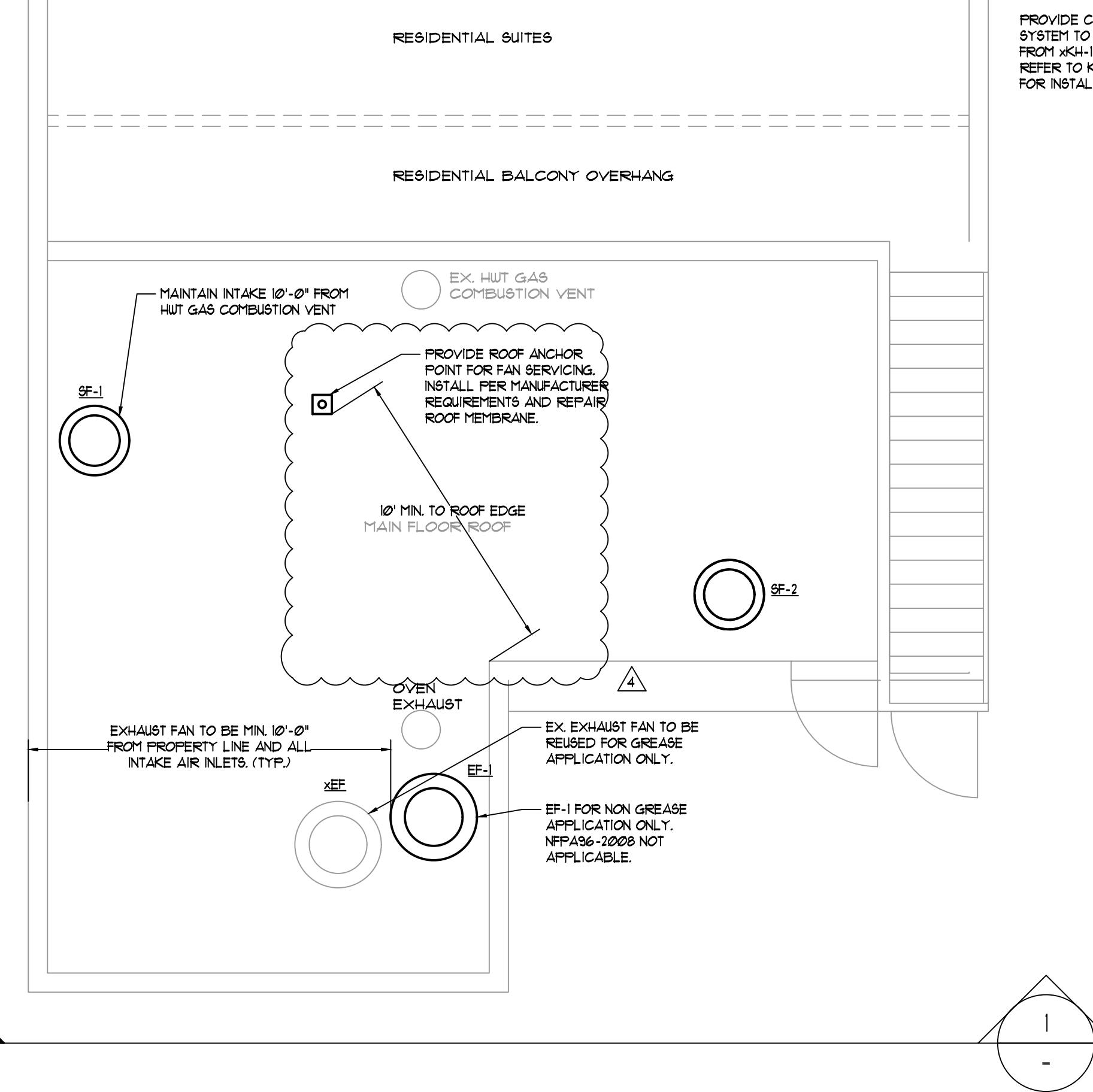


PARTIAL FLOOR PLAN - PLUMBING & FIRE SUPPRESSION
SCALE 1/4"=1'-0"

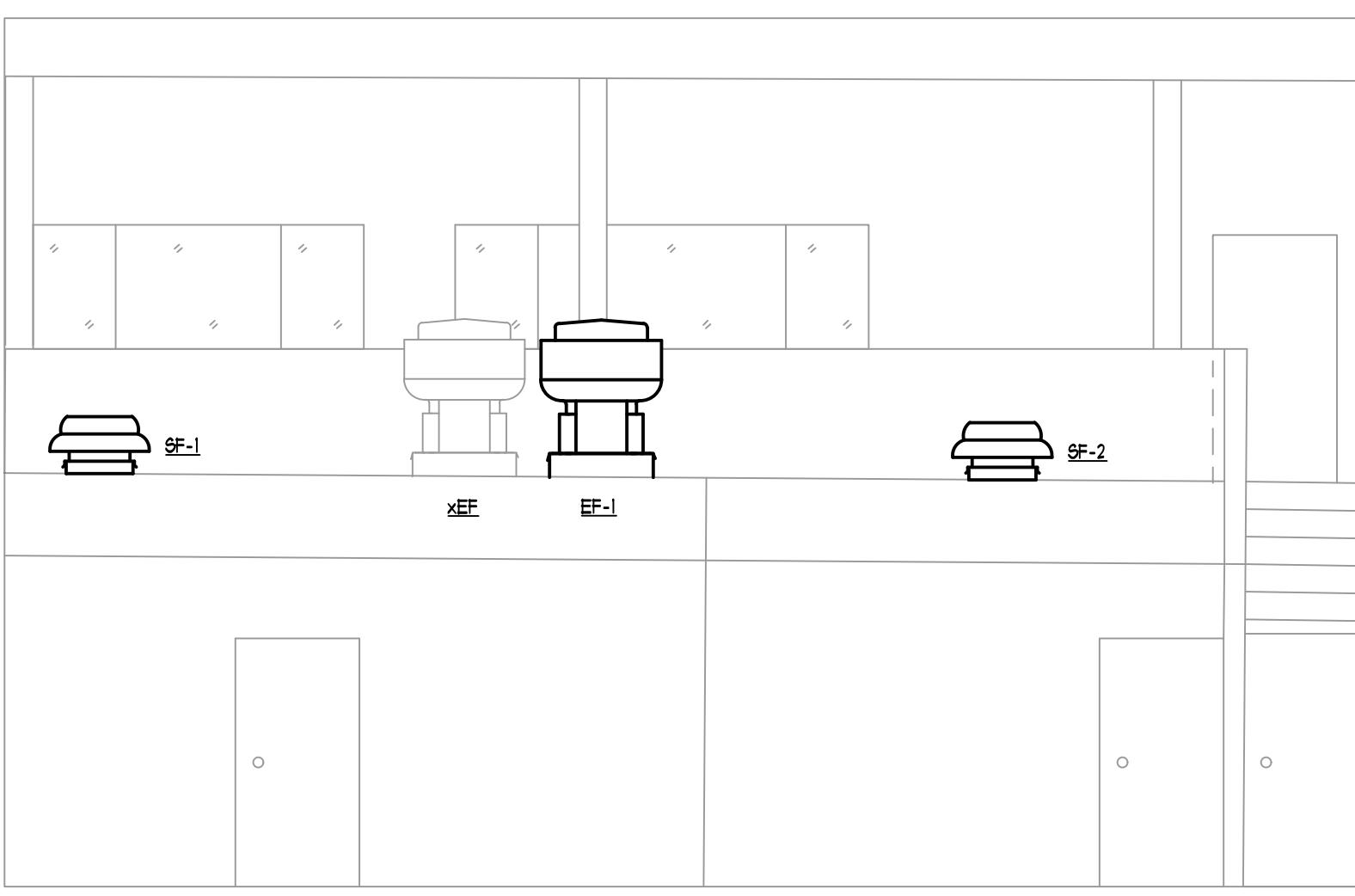
NOZZLE SUMMARY	TYPE	NUMBER	FLOW NUMBER
12"x12" EXHAUST DUCT	ADP/1	1	1
42"x6"x10" KITCHEN HOOD	ADP/1	1	1
28" 4-BURNER RANGE	R/1	1	1
KITCHEN HOOD: KH-1		TOTAL	3



KITCHEN FIRE SUPPRESSION SYSTEM DETAIL
N.T.S.



PARTIAL ROOF PLAN - KITCHEN EXHAUST AND MUA
SCALE 1/4"=1'-0"



Project
MEDITERRANEAN SPECIALTY FOODS
1824 COMMERCIAL DRIVE
VANCOUVER, BC

DB-2019-03373
FLOOR PLAN
- MECHANICAL

Drawn LS Project No. M18239
Checked DS Drawing No.
Date JAN 2019 M-2
Scale 1/4" = 1'-0" 2 of 3

