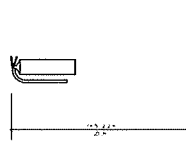


LIFE SAFETY PLAN

 Fire Extinguisher
 TOTAL AREA = 1,440 SQ.FT.
 TOTAL SEATS = 29 X 52 = 1,45 - REQUIRED
 2 HANDICAP SEATS PROVIDED



LIFE SAFETY NOTES

NOTE: SECTIONS INDENTED ARE FROM THE 2018 WITH 10' LIFT SAFETY CODE

32.2.1.5 - THE CLEAR WIDTH OF ANY CORRIDOR OR PROCEEDING WAYWAY AN OCCUPANCY LOAD OF 50 OR MORE SHALL BE NOT LESS THAN 44 INCHES

32.2.1.6 - THE CLEAR WIDTH OF ANY CORRIDOR OR PROCEEDING WAYWAY AN OCCUPANCY LOAD OF 50 OR MORE SHALL BE NOT LESS THAN 44 INCHES

32.2.1.7 - 2 EGRESS ARE PROVIDED

32.2.1.8 - EGRESS SHALL BE LOCATED REMOTELY FROM EACH OTHER AND SHALL BE ARRANGED TO MINIMIZE THE POSSIBILITY THAT THEY MIGHT BE BLOCKED BY ANY OBSTACLE

32.2.1.9 - EGRESS ARE LOCATED REMOTELY EACH OTHER

32.2.1.10 - TRAVEL DISTANCE TO EGRESS, MEASURED IN ACCORDANCE W/ SECTION 7-4.3 SHALL NOT EXCEED 100 FEET.

32.2.1.11 - MEANS OF EGRESS SHALL BE ILLUMINATED IN ACCORDANCE WITH SECTION 7-4.6.

32.2.1.12 - MEANS OF EGRESS ILLUMINATED

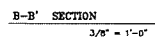
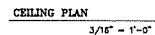
32.2.1.13 - EMERGENCY LIGHTING SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 7-4.6.

32.2.1.14 - MEANS OF EGRESS SHALL BE MARKED IN ACCORDANCE WITH SECTION 7-4.6.

32.2.1.15 - MEANS OF EGRESS SHALL HAVE SIGNS IN ACCORDANCE WITH SECTION 7-4.10.

32.2.1.16 - MEANS OF EGRESS MARKED

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PROJECT NO:	
DATE: 11/20/20	
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-  Emergency light fixture, self-contained unit
-  Emergency Exit Sign, red letter color; double letters indicate punch out direction
-  Fluorescent Light, 20W 2x4 lay-in fixture
-  Fluorescent Light, 20W 2x2 lay-in fixture
-  Air Return Grill
-  Air Supply
-  Make-up Air
-  Exhaust Air Motor Operated
-  Hood Light
-  Track Light



1. CEILING: LAY - IN 2X2 REGULAR SUSPENDED & COUSTICAL PANEL
CEILING SYSTEM
2. CEILING: LAY - IN 2X4 REGULAR SUSPENDED & COUSTICAL PANEL
CEILING SYSTEM

SUSPENDED CEILING GRID SYSTEMS DETAIL

SCALE: NONE



CUSTOM DESIGN
&
DEVELOPMENT
CORPORATION

5750 HUNFORD HWY.
SUITE 300
MORGAN, CA 90071
TEL: (770)-826-0843
FAX: (770)-826-0844

CEILING PLAN
NOTES & SCHEDULE

REVISION	BY
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SCALE: AS NOTED

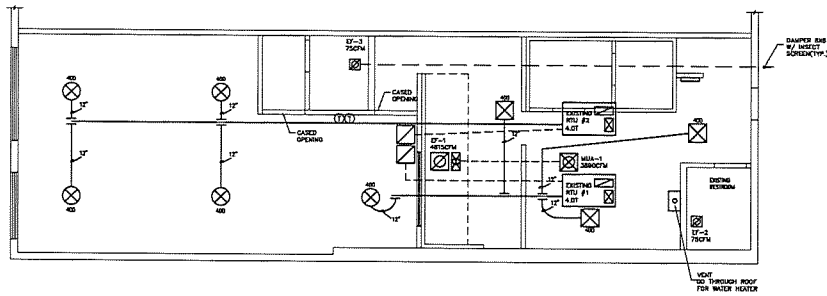
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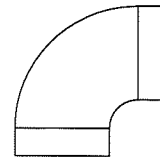


HVAC PLAN

3/16" = 1'-0"

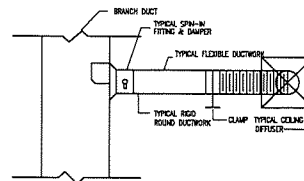
Ⓢ PROGRAMMABLE THERMOSTAT

NOTE: KITCHEN HOOD, SPRINKLER AND ANSUL SUPPRESSION SYSTEMS SHALL BE SUBMITTED SEPARATELY BY THOSE SPECIFIC TRADES.



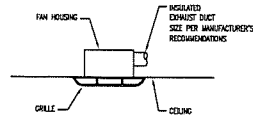
ROUND ELBOW - DETAIL

NOT TO SCALE



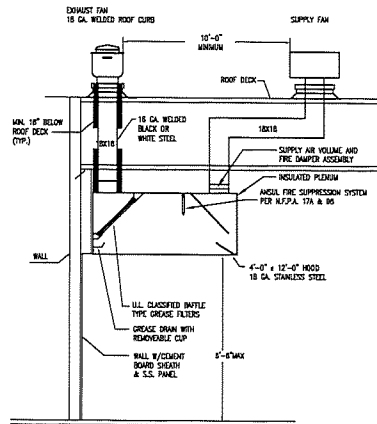
TYPICAL RIGID ROUND DUCT TAKE - OFF

NOT TO SCALE



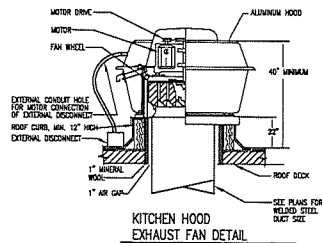
EXHAUST FAN DETAIL

NOT TO SCALE



KITCHEN HOOD DETAIL

NOT TO SCALE



KITCHEN HOOD EXHAUST FAN DETAIL

NOT TO SCALE

NOTES:

- HOODS TO COMPLY WITH NFPA 96 REQUIREMENTS.
- ALL MOTORS SHALL BE U.L. LISTED.
- EMERGENCY GAS SHUT-OFF VALVE AND FIRE SYSTEM TO BE INSTALLED BY SAME CONTRACTOR.
- KITCHEN EXHAUST DUCT SHALL BE CONSTRUCTED OF 18 GAUGE MET OR COLD ROLL STEEL (WELDED).
- PROVIDE ROOF CURBS AND GREESE CLANS FOR EACH HOOD EXHAUST FAN.
- INSTALLATION TO MEET NFPA96

MECHANICAL NOTES

- Mechanical contractor shall obtain the mechanical permit for the work.
- Contractor shall make the existing heating and air conditioning equipment operable for the intended use to meet the current code requirements.
- Duct work shall have proper 2" thick fire insulation and shall have access door to clean inside of the ducts.
- Clean all existing air handling diffusers in the space.
- All fans supplying more than 2,000 cfm shall be installed with a smoke detector in compliance with Section 605.2.1 of the I.M.C. The smoke detector shall be wired to stop the fan upon detection of smoke.

OUTSIDE AIR REQUIREMENTS, TABLE 2403.3

LOCATION	BTU's	AREA (SF)	Occ/1000sf	Occ	Chg/sec	Chg/SP	Tot Chg Required
DINING	see schedule	384	70	28.48	7.5	0.18	257
KITCHEN	see schedule	738	20	14.76	7.5	0.12	200
CORRIDOR	see schedule	174	---	---	---	0.06	10

Total Required 467

Total PROVIDED 1100

AIR BALANCE SCHEDULE (CFM)

CFM PROVIDED(A/C)	1100
BASED ROOM EXH. FANS	-150
HOOD MAKE-UP FANS	3890
HOOD EXH. FANS	-4815
BALANCE	25

NOTE:

Low pressure insulated flexible duct shall be designed in accordance with ACCA (Air Conditioning Contractors of America) duct sizing calculation based on a friction loss of 0.1.
The diameter and amount of radius bends will also affect the calculated air flow, make duct to prevent over flex as recommended by the manufacturer. The following chart is based on straight runs and is taken from the ACCA duct sizing calculations.

CFM	DUCT DIAMETER
0 - 80	6"
81 - 185	8"
186 - 300	10"
301 - 500	12"
501 - 850	14"

FAN SCHEDULE

MARK	LOCATION	TYPE	CFM	EXT SP IN WC	DRIVE	HP	V/PH/Hz	RPM	REMARKS
EF-1	KITCHEN	CEILING MOUNT	4815	1.0	DIRECT	1.5	110/1/60		NFPA - 96
EF-2	RESTROOM	CEILING MOUNT	75	0.5	DIRECT	1/8	110/1/60		EXISTING
EF-3	RESTROOM	CEILING MOUNT	75	0.5	DIRECT	1/8	110/1/60		GO THRU WALL
MLA-1	KITCHEN	CEILING MOUNT	3890	0.375	DIRECT	1	110/1/60		NFPA - 96

EXISTING ROOF TOP UNIT SCHEDULE

TAG	AREA SERVED	NOMINAL TONS	TOTAL CFM	ESP (INCHES)	O.A. CFM	MAX. FAN R.P.M.	COOLING				HEATING NAT. GAS				(ALL NOTES APPLY) ACCESSORIES
							TOTAL MBH	SEAS. MBH	EAT (COOL) MBH	LAT (COOL) DB	WOL SEER /EER	INPUT MBH	OUTPUT MBH	AFUE %	
RTU - 1	AS SHOWN	4TON	1800	0.6	550	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
RTU - 2	AS SHOWN	4TON	1800	0.6	550	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING

NOTES: (APPLIES TO ALL ROOF TOP UNITS)

1. THE COOLING CAPACITY, SEASONS, AND HEATING CAPACITY RATING ARE BASED AT 95 DEGREE DB COOL AND 55 DB WET IN EXISTING CHIMNEY COIL.
2. FOR SMALL PAKS SYSTEMS, THE FINAL AIRFLOW AND AIR QUALITY SHOULD BE DETERMINED THROUGH THE TIGHTEN PAKS COIL FOR THE PRICE OF WORK, FOR "TIGHTEN PAKS".
3. WETTER WILDLIFE BUILT ALL ACCESSORIES ROOF DRAIN AND VENTS FOR DRAIN ALTERNATE INSULATION WITHIN THE ROOF DRAIN AND A MINIMUM SLOPE OF 1/8" PER FOOT FOR DRAINAGE.
4. WETTER WILDLIFE BUILT ALL ACCESSORIES ROOF DRAIN AND VENTS FOR DRAIN ALTERNATE INSULATION WITHIN THE ROOF DRAIN AND A MINIMUM SLOPE OF 1/8" PER FOOT FOR DRAINAGE.
5. BURNER SHUTTER ADJUSTMENT: THE PROPOSED UNITS SHALL BE OF THE SIZED-VALVE VALVES.

NOTES: (APPLIES TO ALL ROOF TOP UNITS)

1. UNIT COOLING CAPACITY AND MAXIMUM SEER/EER RATINGS ARE BASED AT 80 DEGREE DB COIL, 95 DB WET BULB AND 95 DB OUTDOOR AIR. UNIT COOLING CAPACITY SHALL BE ADJUSTED DURING THE DESIGN PHASE OF WORK SET DURING THE DESIGN PHASE OF WORK FOR "WHITE BOX" UNIT. UNIT SHALL BE ADJUSTED TO MEET THE DESIGN PHASE OF WORK SET DURING THE DESIGN PHASE OF WORK FOR "WHITE BOX" UNIT.
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4. UNIT SHALL BE ADJUSTED TO MEET THE DESIGN PHASE OF WORK SET DURING THE DESIGN PHASE OF WORK FOR "WHITE BOX" UNIT.

ICHIRO JAPANESE RESTAURANT
400 WILMIST WAY.
SUITE 104
DALLAS, TX 75201



CUSTOM DESIGN & DEVELOPMENT CORPORATION
8700 MITCHELL DRIVE
HOUSTON, TX 77063
TEL: (713) 960-0000
FAX: (713) 960-0000

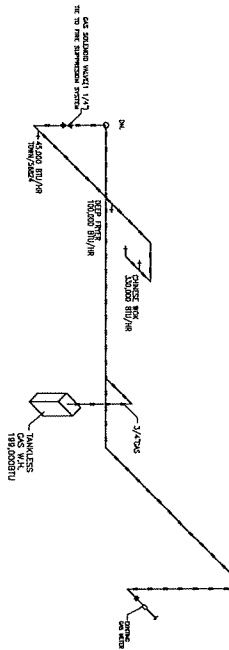
MECHANICAL PLAN
NOTES & SCHEDULE

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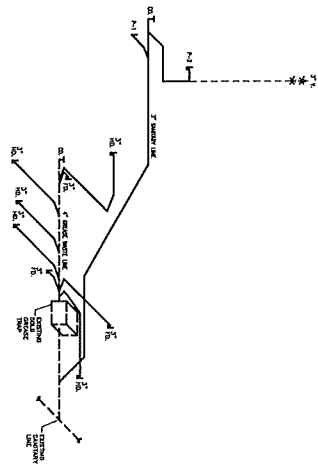
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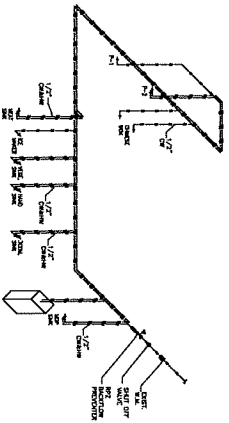
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GAS RISER DIAGRAM
 N.T.S.
 * NOTE: 218 PRESSURE CAPACITY
 OF PIPES AND PUT REGULATOR TO EACH APPLIANCE
 GAS LOAD
 A/C : 120
 EQUIP. : 475
 W.H. : 189
 TOTAL : 794 CH
 TOTAL LENGTH : 33'-7"



GREASE WASTE RISER DIAGRAM
 N.T.S.



WATER RISER DIAGRAM
 N.T.S.

 ICHIRO JAPANESE RESTAURANT 420 WALMART WAY. SUITE #A DALTON, GA 30533		CRESTON DESIGN & DEVELOPMENT CORPORATION 1000 W. WALMART WAY. SUITE 100 DALTON, GA 30533 TEL: (706) 276-1000 FAX: (706) 276-1000	RISER DIAGRAM NOTES & SCHEDULE <table border="1"> <tr> <th>REVISION</th> <th>BY</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	REVISION	BY	DATE																						DRAWN BY: _____ SCALE: AS NOTED PROJECT NO: _____ DATE: 11/28/72 SHEET P2 OF 2 SHEETS
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