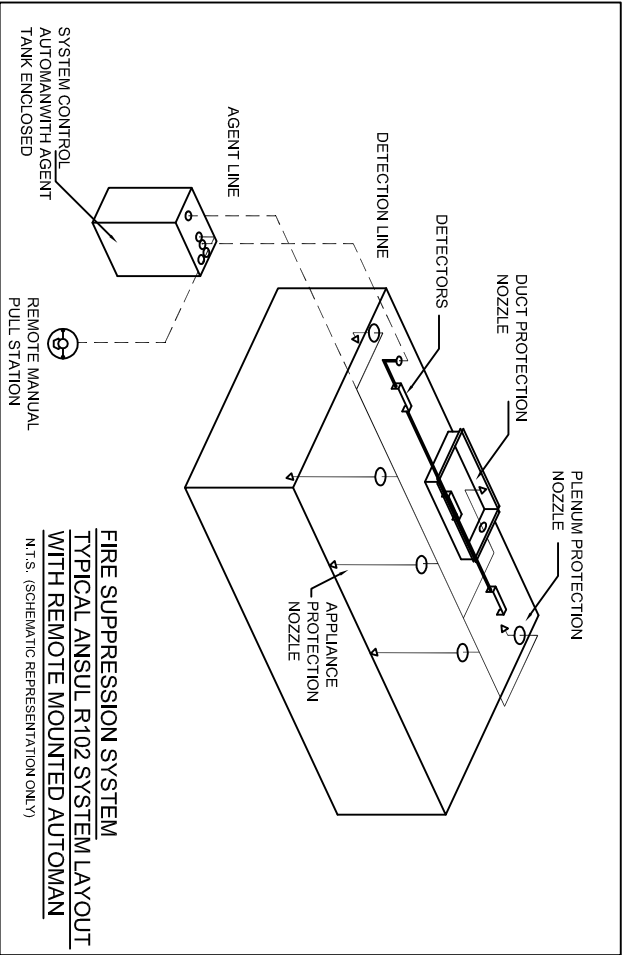


UNIT NUMBER	EF-1	EF-2	EF-3	SF-1
AREA SERVED (ROOMS)	REST-ROOM	REST-ROOM	KITCHEN HOOD	KITCHEN SUPPLY FAN
MANUFACTURER	GREENHECK	GREENHECK	DAYTON	GREENHECK
MODEL NUMBER	G-095-E	G-095-E	4HX96	RST-100
CFM	50	50	4,000	3,200
STATIC PRESSURE	.1'	.1'	.25'	.25'
FAN H.P.	1/30	1/30	3/4	1/2
DRIVE	DIRECT	DIRECT	DIRECT	BELT
RPM	1050	1050	1060	807
ELECTRICAL SERVICE	120/1/60	120/1/60	115/1/60	240/1/60
ROOF OPENING REQ'D.	12.5x12.5	12.5x12.5	19X19	17X17
DUCT SIZE	10x10	10x10	16"x18"	18ø"
DUCT VELOCITY	—	—	—	—

ALTERNATE FAN MANUFACTURERS:
GREENHECK FAN CORP.
PENN V. CORP.



HOOD INFORMATION

MEDIUM TEMPERATURE HOOD (TYPE 1)

HOOD SIZE: 10'-0" x 4'-0" = 40sq ft. x 100=

EXHAUST REQUIRED= 4,000 CFM S

MAKE UP AIR REQUIRED , HOOD WILL BE

4,000 X 80% = 3,200

SUPPLY= 3,200 CFM S

PROVIDE 18" Ø RND. DUCT= 3,200 CFM S

(2) A/C UNIT = 450 CFM

HOOD VELOCITY 1,500-2,500 FPM

ONE SQUARE DUCT OF 16"x18"

K88B/144= 2.05sq ft.

4,000/2= 2,000 FPM (BETWEEN 1,500-2,500)

HOOD SUPPLY FAN AND LIGHTS SHOULD BE WIRED THRU THE
FIRE SYSTEM SHUTS TO SHUTDOWN ON FIRE SYSTEM ACTUATION.
THE EXHAUST FANS SHOULD CONTINUE OPERATION. THE ELECTRICAL
CONTRACTOR SHALL PROVIDE ALL WIRING AND LABORS NECESSARY
FOR CORRECT SYSTEM INSTALLATION AND OPERATION.

[illegible]

1. GENERAL COOPERATION TO VERIFY AND PROVIDE SIZE AND LOCATION OF ALL ROOF SCISSOR, CHIMNEY, AND VENT PIERCINGS AND TO PROVIDE ACCESS TO ROOF FOR THE HOOD INSTALLATION.
2. PROVIDE ALL NECESSARY MATERIALS AND LABOR TO INSTALL THE HOOD.
3. FAN MOTOR STARTERS AND CONTROLS, ROOF DISCONNECTS, AND RECONNECTING THE HOOD TO THE EXISTING ELECTRICAL SYSTEM SHALL BE THE RESPONSIBILITY OF THE HOOD CONTRACTOR. THE HOOD CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISBURSED PERMITS FOR THE HOOD AND DUCT INSTALLATION AND FOR THE APPROVAL OF HIS WORK BY THE CITY OF CHICAGO.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECT HOOD INSTALLATION, FAN AND DUCT SIZING, HOOD PLACEMENT, AND INSTALLATION COORDINATION WITH THE GENERAL CONTRACTOR.

[illegible]

TABLE 6.8.3 H.C.E.C.C. MINIMUM PIPE INSULATION

FLUID	$\leq 1.5''$	$> 1.5'' - 4''$	$> 4''$
STEAM	1 1/2	3	4
SERVICE HOT WATER	1	2	2
CHILLED WATER, BRINE OR REFRIGERANT	1	1 1/2	2

[illegible]

RE: FLOOR PLANS
SCHEMATIC REPRESENTATION ONLY



03/02/	DATE
M.A.	CHECK
M.A.	DRAWN
SCALE	PRO. N

SHEET:

MECHANICAL NOTES

1/4"=1'-0"