City of Aurora
Building Codes Division
15151 E Alameda Pkwy
Aurora, CO 80012
(303) 739-7420

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GENERAL LEGEND

ABBV.	SYMBOL	DESCRIPTION
G.C.		GENERAL CONTRACTOR
M.C.		MECHANICAL CONTRACTOR
E.C.		ELECTRICAL CONTRACTOR
T.C.C.		TEMPERATURE CONTROL CONTRACTOR
F.P.C.		FIRE PROTECTION CONTRACTOR
A.F.F.		ABOVE FINISHED FLOOR
N.I.C.		NOT IN CONTRACT
N.C.		NORMALLY CLOSED
N.O.		NORMALLY OPEN
	V V	VENT LINE
AD/AP		ACCESS DOOR/ACCESS PANEL
		POINT OF CONNECTION – NEW TO EXISTING
		DIRECTION OF FLOW IN PIPE
		PITCH PIPE DOWN IN DIRECTION OF ARROW
		WATER FLOW MEASURING DEVICE
		PIPE UNION
		FLEXIBLE PIPE CONNECTION
		STRAINER WITH BLOWDOWN VALVE
		STRAINER
		CONCENTRIC PIPE REDUCER
CV		CHECK VALVE
BV		BALANCING VALVE
GV		GATE VALVE
		BALL VALVE
		GLOBE VALVE
		BUTTERFLY VALVE
		MANUAL AIR VENT
		AUTOMATIC AIR VENT
		PRESSURE RELIEF VALVE
P/T		PRESSURE/TEMPERATURE TEST PLUG
		PIPE ELBOW DOWN
		PIPE ELBOW UP
		PIPE TEE / PIPE ELBOW
		TEE OFF BOTTOM OF PIPE
		TEE OFF TOP OF PIPE
		PRESSURE GAUGE WITH COCK
		THERMOMETER
	X/Y	PIPE TAG – X=PIPE SIZE, Y=GPM
	X / XXX	X = SECTION/DETAIL NUMBER XXX = SHEET NUMBER WHERE SECTION/DETAIL IS DRAWN

HVAC LEGEND

ABBV.	SYMBOL	DESCRIPTION
		ROOFTOP UNIT
		SUPPLY FAN
		EXHAUST FAN
		RETURN FAN
		UNIT HEATER
		CABINET UNIT HEATER
		FAN TERMINAL UNIT
		PUMP
		EXPANSION TANK
		LOUVER

HVAC LEGEND

ABBV.	SYMBOL	DESCRIPTION
CD		CEILING DIFFUSER
SG		SUPPLY GRILLE
SR		SUPPLY REGISTER
RG		RETURN GRILLE
EG		EXHAUST GRILLE
ER		EXHAUST REGISTER
TG		TRANSFER GRILLE
MCD	M	MOTORIZED CONTROL DAMPER
FD		FIRE DAMPER
FSD		COMBINATION MOTORIZED FIRE/SMOKE DAMPER
	T	THERMOSTAT
	T	TEMPERATURE SENSOR
	P	PRESSURE SENSOR
	MS	MOTOR STARTER
	V	VELOCITY SENSOR
	AMD	ANALOG FLOW MEASURING DEVICE
	VFD	VARIABLE FREQUENCY DRIVE
	AO	ANALOG OUTPUT
	AI	ANALOG INPUT
	DO	DIGITAL OUTPUT
	DI	DIGITAL INPUT
		SUPPLY DUCT UP/SUPPLY DUCT DOWN
		RETURN DUCT UP/RETURN DUCT DOWN
MVD		MANUAL VOLUME DAMPER
		DUCT ELBOW WITH TURNING VANES
		SQUARE TO ROUND TRANSITION
	UP	OFFSET DUCT UP IN DIRECTION OF ARROW
	DN	OFFSET DUCT DOWN IN DIRECTION OF ARROW
		CONICAL SPIN-IN FITTING WITH MANUAL VOLUME DAMPER
		CONICAL SPIN-IN FITTING WITHOUT MANUAL VOLUME DAMPER
		45° TAKEOFF
		RADIUS ELBOW
	10x8	DUCT – WIDTH x DEPTH
		SUPPLY REGISTER OR DIFFUSER
		RETURN OR EXHAUST REGISTER OR GRILLE
		FLEXIBLE DUCTWORK
		AIRFLOW – RETURN/EXHAUST
		AIRFLOW – SUPPLY
OA		OUTSIDE AIR
SA		SUPPLY AIR
RA		RETURN AIR
EA		EXHAUST AIR
TA		TRANSFER AIR

SMOKE AND FIRE DAMPERS TO BE INSTALLED PER MFGRS. INSTALLATION INSTRUCTIONS.

DRAWING INDEX

DRAWING NUMBER	DRAWING TITLE
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M2.2	SECOND FLOOR HVAC PLAN
M2.3	THIRD FLOOR HVAC PLAN
M2.4	ROOF HVAC PLAN
M3.1	HVAC SCHEDULES
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P2.1	FIRST FLOOR PLUMBING PLAN
P2.2	SECOND FLOOR PLUMBING PLAN
P2.3	THIRD FLOOR PLUMBING PLAN
P2.4	ROOF PLUMBING PLAN
P3.1	PLUMBING ENLARGED SCALE AND RISERS
P3.2	PLUMBING SCHEDULES AND DETAILS

THIS SHEET OF DRAWINGS HAS NOT BEEN REVIEWED FOR CODE COMPLIANCE.

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ISSUE/REVISION	DATE	NO.
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COLORADO REGISTERED PROFESSIONAL ENGINEER 19089 OCT 26 2004 PROFESSIONAL ENGINEER

MEDICAL CENTER OF AURORA SOUTH
AURORA, COLORADO

HealthONE

MEDICAL OFFICE BUILDING

CONSTRUCTION DOCUMENTS

MECHANICAL COVER SHEET AND LEGEND

DATE	10-26-04
DRAWN BY	RWW/SMB
CHK'D BY	SDF/TRH
X-REF FILE	N:\03098\MP0-1.DWG

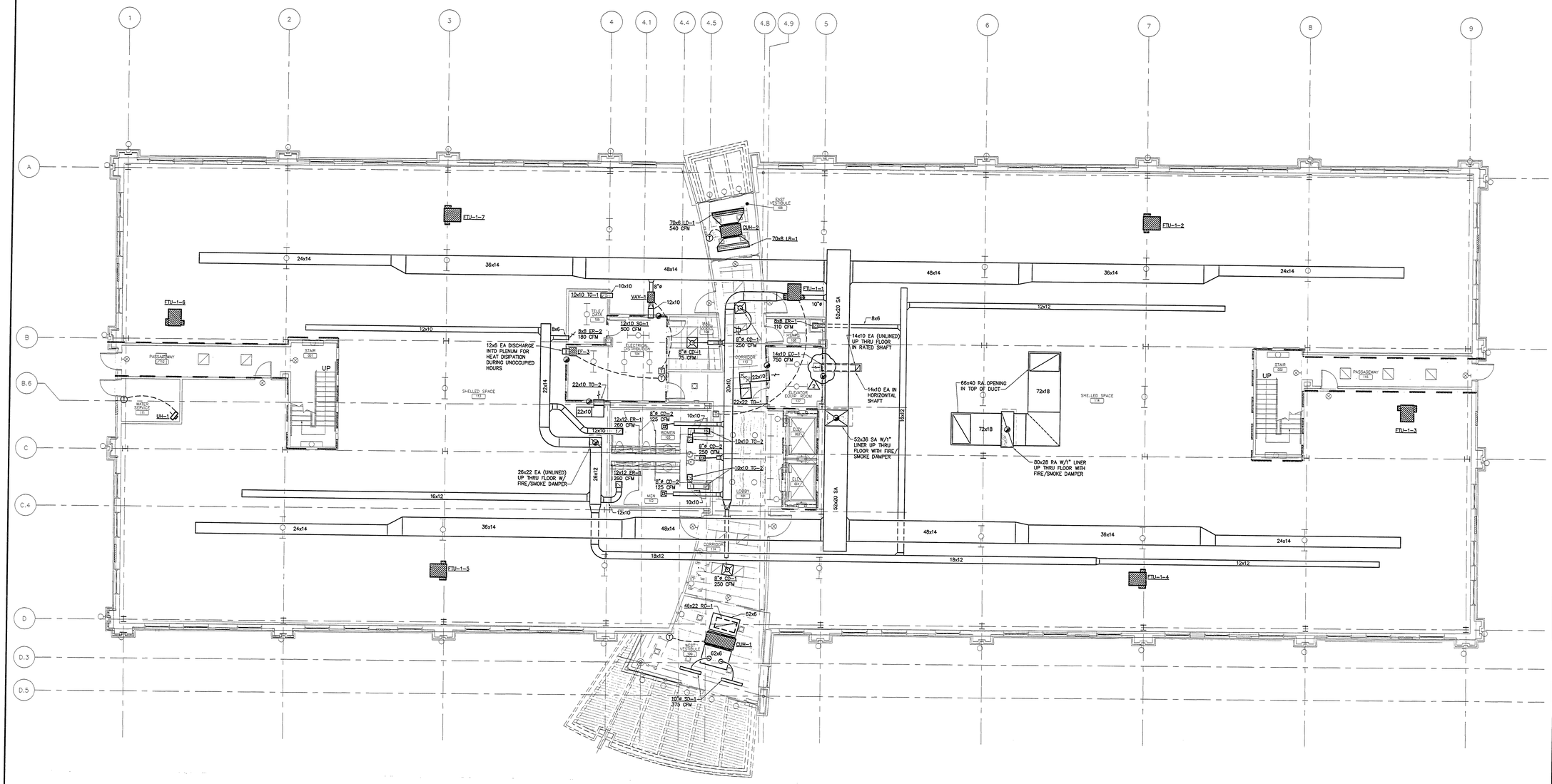
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SHEET NUMBER:

MP0-1

D.P.A. PROJECT # 02419.00

PLOT DATE: October 26, 2004 @ 11:03am
FILE LOCATION: N:\03098\cad\mp0-1.dwg, LAYOUT NAME: Layout1



HVAC GENERAL NOTES:

1. RECTANGULAR DUCTWORK, SUPPLY, RETURN, AND TRANSFER SHALL BE SHEETMETAL AND SHALL BE LINED WITH 1" DUCT LINER. ROUND DUCTWORK SHALL BE SHEETMETAL AND WRAPPED WITH 2" DUCT WRAP. EXHAUST DUCTWORK SHALL BE SHEETMETAL AND SHALL BE UNLINED. ALL DUCTWORK SHALL MEET OR EXCEED SMACNA STANDARDS FOR 2" PRESSURE CLASSIFICATION. GIVEN DIMENSIONS ARE INSIDE DIMENSIONS.
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12. ALL DUCTWORK VISIBLE THROUGH RETURN AIR GRILLES IS TO BE PAINTED FLAT BLACK.
13. COORDINATE LOCATIONS OF THERMOSTATS WITH ARCHITECT PRIOR TO INSTALLATION.

FIRST FLOOR HVAC PLAN

SCALE: 1/8"=1'-0"

SMOKE AND FIRE DAMPERS TO BE INSTALLED PER MFGRS. INSTALLATION INSTRUCTIONS.

AURORA BUILDING DEPARTMENT
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SIGNED 1/20/05 DATE

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PROPOSAL REQUEST #2	27 DEC 04	2

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MEDICAL CENTER OF AURORA SOUTH
AURORA, COLORADO

HealthONE

MEDICAL OFFICE BUILDING

PROPOSAL REQUEST #1

FIRST FLOOR HVAC PLAN

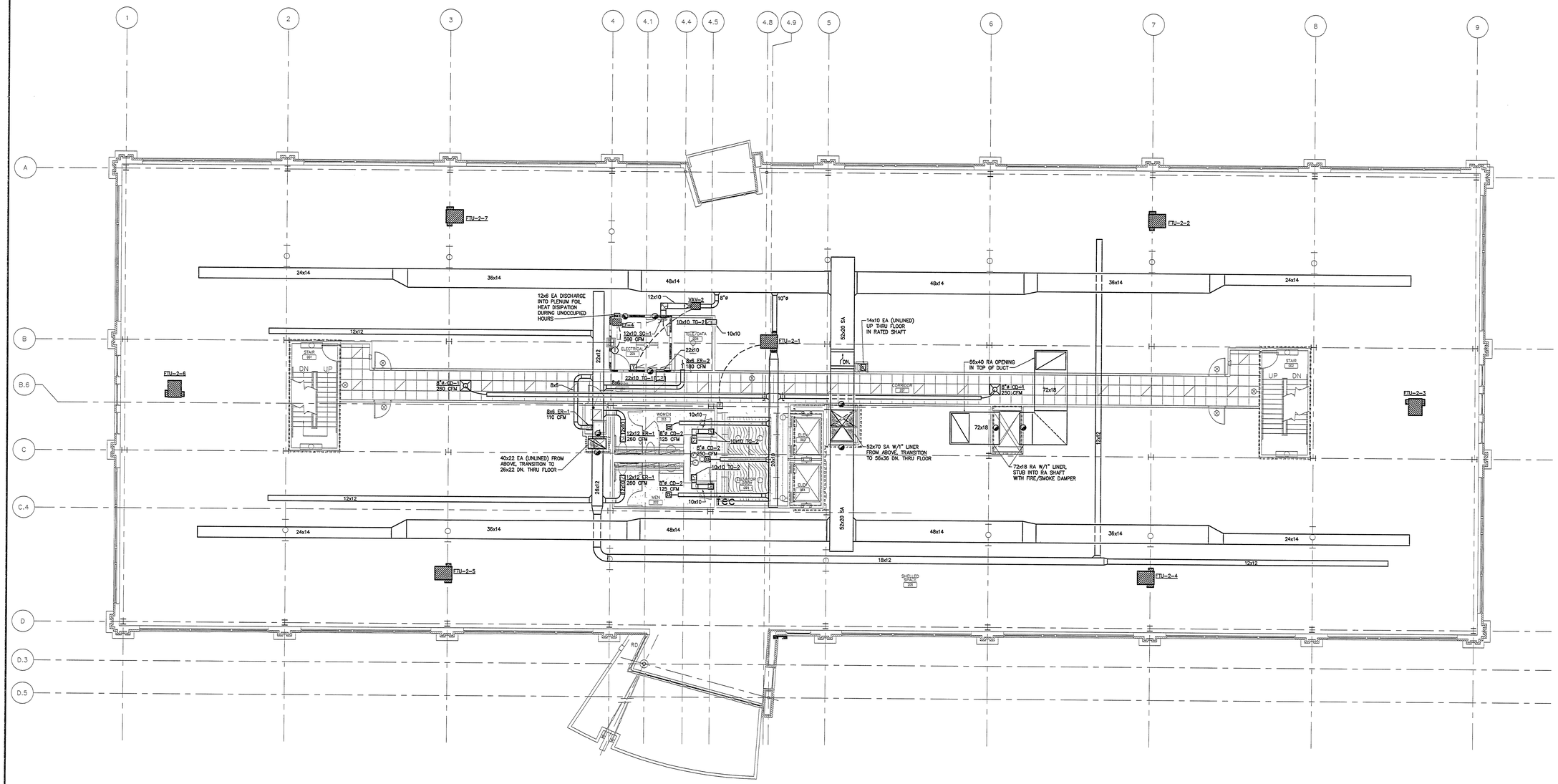
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SECOND FLOOR HVAC PLAN

SCALE: 1/8"=1'-0"

HVAC GENERAL NOTES:

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AURORA BUILDING DEPARTMENT
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COLORADO REGISTERED STEVEN F. DIETZ 29089 PROFESSIONAL ENGINEER
OCT 26 2004

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AURORA, COLORADO

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MEDICAL OFFICE BUILDING

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SECOND FLOOR HVAC PLAN

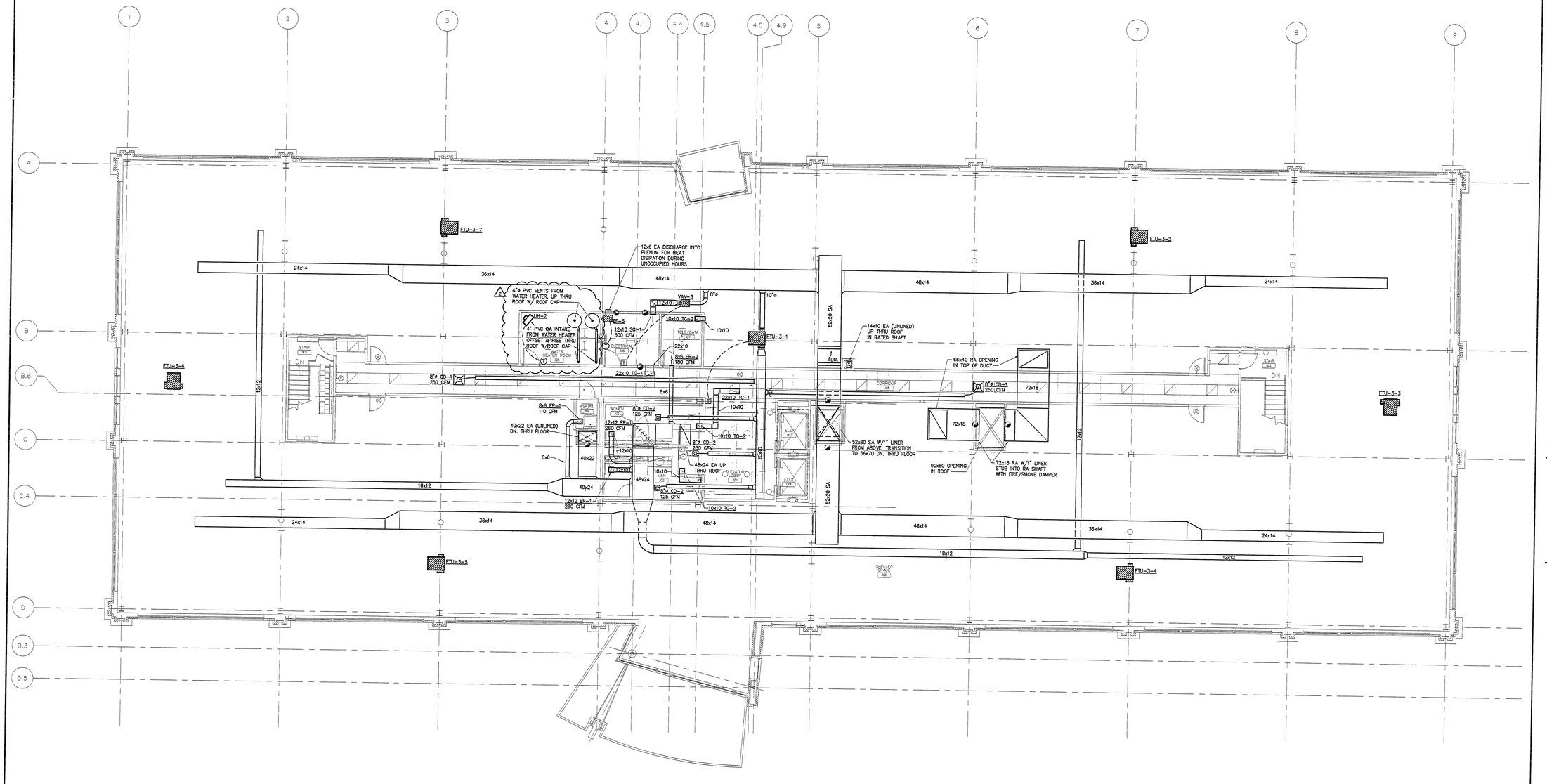
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THIRD FLOOR HVAC PLAN

SCALE: 1/8"=1'-0"

AURORA BUILDING DEPARTMENT
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PLOT DATE: December 09, 2004 @ 10:39am
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PROPOSAL REQUEST #1	08 DEC 04	2

COLORADO REGISTERED ENGINEERING PRACTICE
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MEDICAL OFFICE BUILDING

MEDICAL CENTER OF AURORA SOUTH
AURORA, COLORADO

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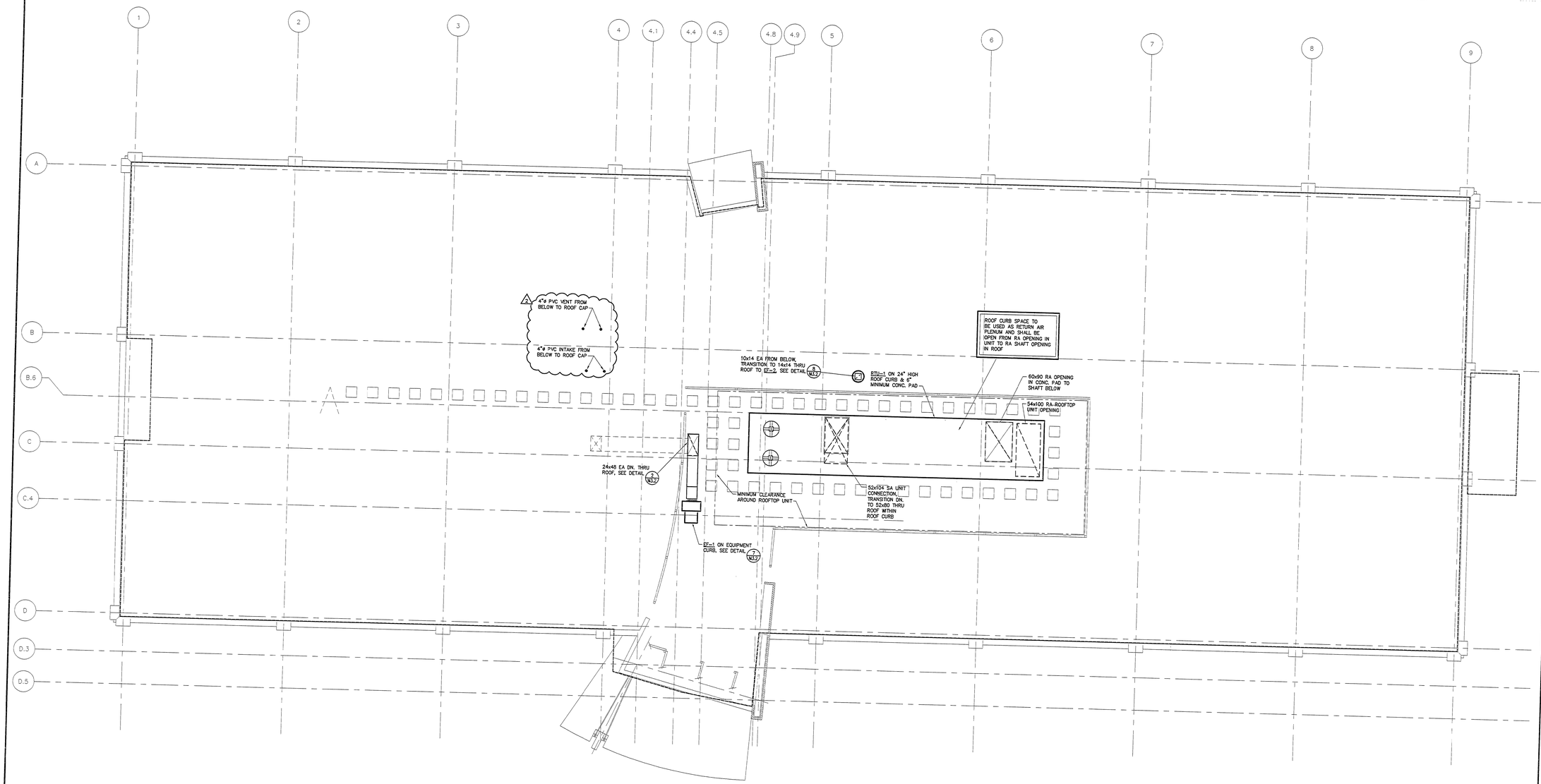
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SHEET NUMBER:
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HVAC ROOF PLAN

SCALE: 1/8"=1'-0"

N

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AURORA BUILDING DEPARTMENT
MECHANICAL
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AND FIELD INSPECTIONS.

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ADDENDUM 1	09 NOV 04	1
PROPOSAL REQUEST #1	08 DEC 04	2

COLORADO REGISTERED
ROBERT W. SCHEID
29089
12-9-04
PROFESSIONAL ENGINEER

MEDICAL OFFICE BUILDING

MEDICAL CENTER
OF AURORA SOUTH
AURORA, COLORADO

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HVAC ROOF PLAN

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M2.4

P.R.A. PROJECT #

ROOFTOP UNIT SCHEDULE (GAS FIRED HEATING & COOLING – POWER EXHAUST)

CODE	MANUFACTURER & MODEL NO.	COOLING CAPACITY					HEATING CAPACITY		SUPPLY FAN				RETURN FAN		ELECTRICAL										DIMENSIONS				REMARKS
		TOTAL MBH	SENSIBLE MBH	AMBIENT °F	ENT. EVAP. db	ENT. EVAP. wb	MBH INPUT @ S.L.	MBH OUTPUT @ ALT.	CFM	MIN. OSA CFM	TSP	ESP	CFM	TSP	VOLTS	ø	COMPRESSOR NO.	COMPRESSOR KW	COMPRESSOR RLA	COND. FLA	SF HP	SF FLA	EF HP	EF FLA	MCA	HEIGHT	LENGTH	WIDTH	WEIGHT	
RTU-1	MAMMOTH CLHBEP-1803-G1000-811-VAV	1986.0	1986.0	95°	83°	60°	1250.0	800.0	65000	13000	3.62"	2.5"	58000	1.68"	460	3	1 2	– –	72.0 58.0 EA.	15.2	75	96.0	40	52.0	386.6	126"	616"	136"	37,000#	①②③④⑤⑥⑦⑧

① 24" HIGH ROOF CURB, UNIT HEIGHT SCHEDULED DOES NOT INCLUDES CURB ② OVERSIZE MOTOR. ③ ECONOMIZER. ④ POWER EXHAUST. ⑤ HAIL & COIL GUARDS. ⑥ NON FUSED DISCONNECT SWITCH WITH EXTERNAL HANDLE. ⑦ FUEL TYPE TO ROOFTOP UNIT SHALL BE NATURAL GAS AT A PRESSURE OF 14" W.C. (MINIMUM), PROVIDE GAS PRESSURE REDUCER AS REQUIRED.
⑧ PHOTOHELIC TYPE SMOKE DETECTOR IN SUPPLY AND RETURN AIR DUCTWORK SHALL SHUT-DOWN ROOFTOP UNIT AND ALL FAN TERMINAL UNITS ASSOCIATED WITH ROOFTOP UNIT UPON DETECTION OF SMOKE PER IMC SECTION 606 & NFPA 90A. FURNISHED AND WIRED BY E.C. AND INSTALLED BY M.C.

FAN TERMINAL UNIT SCHEDULE (ELECTRIC HEAT)

CODE	MANUFACTURER & MODEL NO.	TERMINAL UNIT TOTAL CFM	PRIMARY AIR CFM MAX	PRIMARY AIR CFM MIN	MIN. O.P. INLET S.P.	FAN CFM	FAN ESP	FAN ELECTRICAL HP	FAN ELECTRICAL VOLTS	FAN ELECTRICAL ø	FAN ELECTRICAL RPM	HEATING COIL ELECTRICAL KW	HEATING COIL ELECTRICAL STEPS	EAT	LAT	HEATING COIL ELECTRICAL VOLTS	HEATING COIL ELECTRICAL ø	DIMENSIONS H	L	W	INLET	OUTLET	OPER. WEIGHT	CONTROL	REMARKS
FTU-1-1	ENVIRO-TEC VFR-EH SIZE 10	1075	860	215	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-1-2	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-1-3	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-1-4	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-1-5	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-1-6	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-1-7	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-2-1	ENVIRO-TEC VFR-EH SIZE 10	1000	800	200	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-2-2	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-2-3	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-2-4	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-2-5	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-2-6	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-2-7	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-3-1	ENVIRO-TEC VFR-EH SIZE 10	1000	800	200	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-3-2	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-3-3	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-3-4	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-3-5	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-3-6	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-3-7	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION

① FAN SHALL OPERATE CONTINUOUSLY DURING OCCUPIED HOURS. AT MAXIMUM AIRFLOW, PRIMARY AIR AND FAN SUPPLIED PLENUM AIR SHALL SUPPLY 55°F AIR TO AIR DEVICES. WHEN UNIT IS AT MINIMUM PRIMARY AIRFLOW AND SPACE TEMPERATURE CANNOT BE SATISFIED, THE ELECTRIC HEATING COIL SHALL ENERGIZE TO MAINTAIN SPACE TEMPERATURE SETPOINT. DURING UNOCCUPIED HOURS, THE UNIT'S FAN AND ELECTRIC HEATING COILS SHALL BE DE-ENERGIZED AND THE PRIMARY AIR DAMPER SHALL MODULATE TO MAINTAIN THE UNOCCUPIED SPACE TEMPERATURE SETPOINT.
② UNIT MOUNTED FUSED DISCONNECT ③ VARIABLE SPEED CONTROL ④ MINIMUM DAMPER POSITION SHALL BE 25% OF COOLING SETPOINT
⑤ INTERLOCK WITH RTU-1 DUCT DETECTOR TO SHUTDOWN ON DETECTION OF SMOKE

CABINET UNIT HEATER SCHEDULE (ELECTRIC)

CODE	MANUF. & MODEL NO.	LOCATION	MBH	ELEMENT KW	ELEMENT VOLTS	ELEMENT ø	ELEMENT AMPS	CFM	ARRANGMENT	DIMENSION L	DIMENSION W	DIMENSION HT	DIMENSION WT	CONTROL	REMARKS
CUH-1	RAYWALL T6-12	VESTIBULE WEST	41.0	12	208	3	36.3	750	HORIZ. DUCTED	66"	25"	9"	250#	WALL T'STAT	①
CUH-2	RAYWALL T4-06	VESTIBULE EAST	20.5	6	208	3	18.8	540	HORIZ. DUCTED	46"	25"	9"	150#	WALL T'STAT	①

① UNIT MOUNTED DISCONNECT

UNIT HEATER SCHEDULE (ELECTRIC)

CODE	MANUF. & MODEL NO.	MBH	ELEMENT KW	ELEMENT VOLTS	ELEMENT ø	ELEMENT AMPS	CFM	EAT	LAT	MOTOR HP	MOTOR VOLTS	MOTOR ø	MOTOR RPM	WEIGHT	CONTROL	REMARKS
UH-1	RAYWALL TASKMASTER 5103	11.3	3.3	208	1	13.7	400	60°	86°	1/125	208	1	1550	25#	WALL T'STAT	① HORIZONTAL DISCHARGE
UH-2	RAYWALL TASKMASTER 5107	25.6	7.5	208	3	9.1	700	60°	94°	1/50	208	3	1550	50#	WALL T'STAT	① HORIZONTAL DISCHARGE

① UNIT MOUNTED DISCONNECT

FAN SCHEDULE

CODE	MANUFACTURER & MODEL NO.	TYPE	SERVICE	CFM	TSP @ S.L.	RPM @ S.L.	ELECTRICAL HP	ELECTRICAL VOLTS	ELECTRICAL ø	ELECTRICAL RPM	WEIGHT	VIBRATION ISOLATION	REMARKS
EF-1	COOK 330 CPV	UTILITY	CENTRAL EXHAUST	11250	1.0"	650	5	460	3	1750	850#	NONE	① ②
EF-2	COOK 100 ACE-B	CENT. ROOF	ELEV. MACH. ROOM EXH.	750	0.5"	1550	1/4	120	1	1750	50#	NONE	③ ④
EF-3	COOK GEMINI GC-620	CEILING	1ST FLOOR ELECT. EXH.	500	0.125"	1200	233 W.	120	1	1070	30#	NONE	④ ⑤
EF-4	COOK GEMINI GC-620	CEILING	2ND FLOOR ELECT. EXH.	500	0.125"	1200	233 W.	120	1	1070	30#	NONE	④ ⑤
EF-5	COOK GEMINI GC-620	CEILING	3RD FLOOR ELECT. EXH.	500	0.125"	1200	233 W.	120	1	1070	30#	NONE	④ ⑤

① PROVIDE VARIABLE FREQUENCY DRIVE MOTOR ② CONTROL PER DDC OCCUPANCY SCHEDULE. ③ PROVIDE ROOF CURB, BACKDRAFT DAMPER, BIRDSCREEN & INTEGRAL DISCONNECT.
④ CONTROL WITH REVERSE-ACTING THERMOSTAT ⑤ PROVIDE INTEGRAL BACKDRAFT DAMPER, METAL GRILLE AND UNIT MOUNTED SPEED CONTROLLER SWITCH.

GRILLES, REGISTERS & DIFFUSERS SCHEDULE

CODE	MANUFACTURER & MODEL NO.	SERVICE	FACE SIZE	NECK SIZE	VOLUME DAMPER	MOUNTING	FINISH	MATERIAL	REMARKS
CD-1	TITUS TDC	SUPPLY	24x24	AS SHOWN	NO	LAY-IN	WHITE	STEEL	
CD-2	TITUS TDC	SUPPLY	NECK + 6"	AS SHOWN	NO	GYP. CLG.	WHITE	STEEL	
SD-1	TITUS TBD-30	SUPPLY	48x8	AS SHOWN	NO	LAY-IN	WHITE	STEEL	(4) 1" SLOTS
SG-1	TITUS 300 RL	SUPPLY	NECK + 2"	AS SHOWN	NO	SIDEWALL	WHITE	STEEL	
LD-1	TITUS CT-480	SUPPLY	NECK + 2"	70x6	NO	LAY-IN	WHITE	STEEL	
LR-1	TITUS CT-480	RETURN	NECK + 2"	70x8	NO	LAY-IN	WHITE	STEEL	
RG-1	TITUS PAR	RETURN	NECK + 2"	AS SHOWN	NO	LAY-IN	WHITE	STEEL	
EG-1	TITUS 350 RL	EXHAUST	NECK + 2"	AS SHOWN	NO	EXPOSED	WHITE	STEEL	
ER-1	TITUS 350 RL	EXHAUST	NECK + 2"	AS SHOWN	YES	GYP. CLG.	WHITE	STEEL	
ER-2	TITUS 350 RL	EXHAUST	NECK + 2"	AS SHOWN	YES	SIDEWALL	WHITE	STEEL	
TG-1	TITUS PAR	TRANSFER	NECK + 2"	AS SHOWN	NO	LAY-IN	WHITE	STEEL	
TG-2	TITUS 350 RL	TRANSFER	NECK + 2"	AS SHOWN	NO	SURFACE	WHITE	STEEL	

① PROVIDE SOUND BOOT, SEE DETAIL 1/M32

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AND FIELD INSPECTIONS.
SIGNED DATE 1/20/05

See revised on APPROVED DEC 20 2005

PLOT DATE: October 26, 2004 @ 1:17pm
FILE LOCATION: N:\03098\M3-1.dwg LAYOUT NAME: Layout1

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ISSUE/REVISION	DATE	NO.
DESIGN DEVELOPMENT	17 NOV 03	
50% CONSTRUCTION DOCUMENTS	21 SEP 04	
95% CONSTRUCTION DOCUMENTS	08 OCT 04	
100% CONSTRUCTION DOCUMENTS	26 OCT 04	

COLORADO REGISTERED STEVEN D. FRANTZ 29089 OCT 26 2004 PROFESSIONAL ENGINEER

MEDICAL CENTER OF AURORA SOUTH
AURORA, COLORADO

HealthONE

MEDICAL OFFICE BUILDING

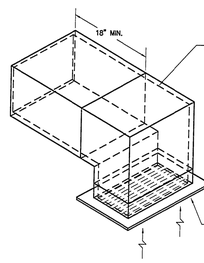
CONSTRUCTION DOCUMENTS

HVAC SCHEDULES
HVAC PLAN

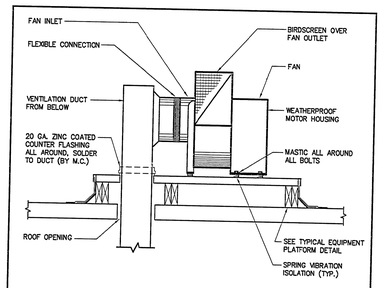
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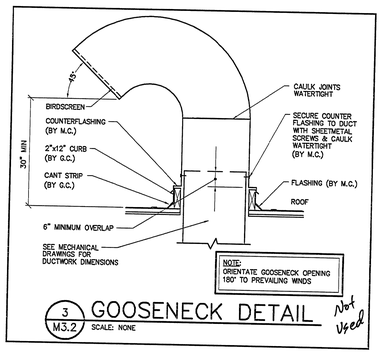
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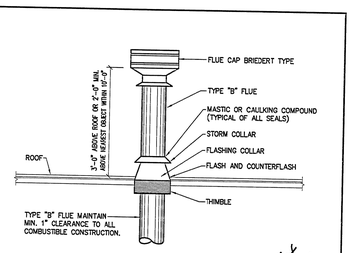
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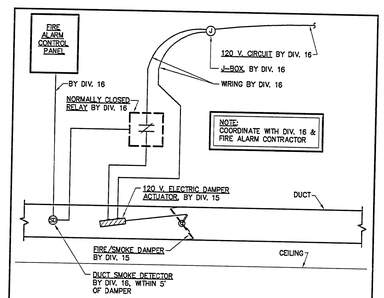
2 M3.2 ROOF MOUNTED UTILITY SET DETAIL
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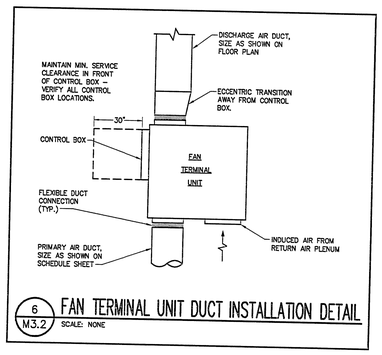
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Not Used



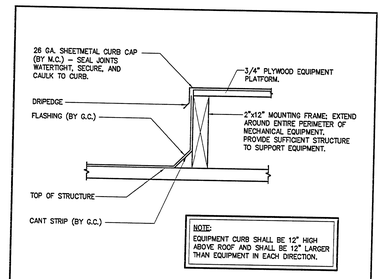
4 M3.2 FLUE THRU ROOF DETAIL
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Not Used



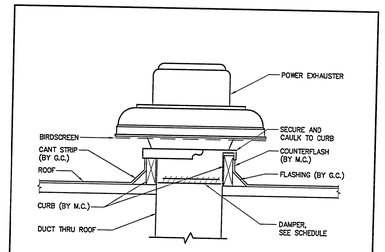
5 M3.2 FIRE/SMOKE DAMPER SYSTEM DETAIL
SCALE: NONE



6 M3.2 FAN TERMINAL UNIT DUCT INSTALLATION DETAIL
SCALE: NONE



7 M3.2 EQUIPMENT CURB DETAIL
SCALE: NONE



8 M3.2 EXHAUST ROOF FAN DETAIL
SCALE: NONE

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Health ONE

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CONSTRUCTION DOCUMENTS

HVAC DETAILS AND SECTION

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