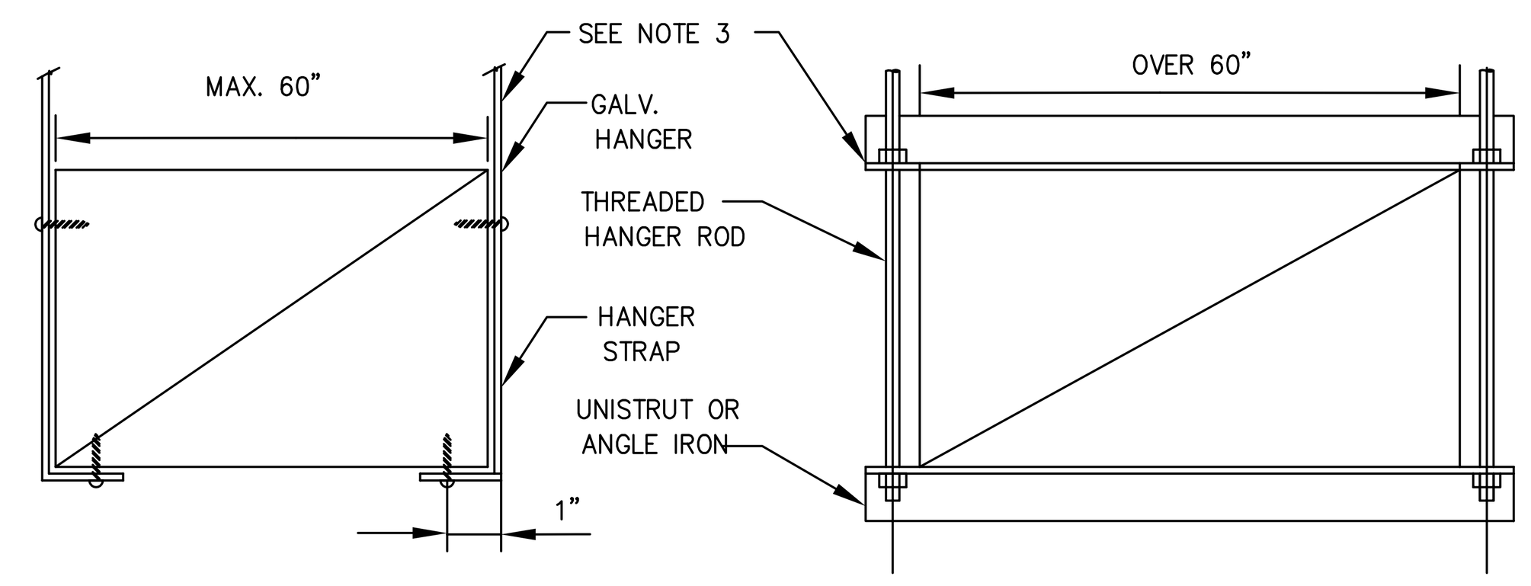


NOTES:

1. ON DUCTS OVER 48" WIDE, BOTTOM SHALL BE BRACED BY ANGLE. FOR CROSS SECTION AREA MORE THAN 8 SQ. FT., DUCT SHALL BE BRACED BY ANGLES ON ALL FOUR SIDES.
2. CUTTING AND PATCHING SHALL BE LIMITED TO A MINIMUM AS REQUIRED FOR PROPER INSTALLATION.
3. SUPPORTS SHALL BE SPACED AND SIZED AS PER SMACNA.
4. PROVIDE SEISMIC BRACING WHERE REQUIRED BY CODE, ORDINANCES, ETC.

F13 DUCT HANGING DETAIL

N.T.S.

K12 COOLING / HEATING PROGRAM

N.T.S.

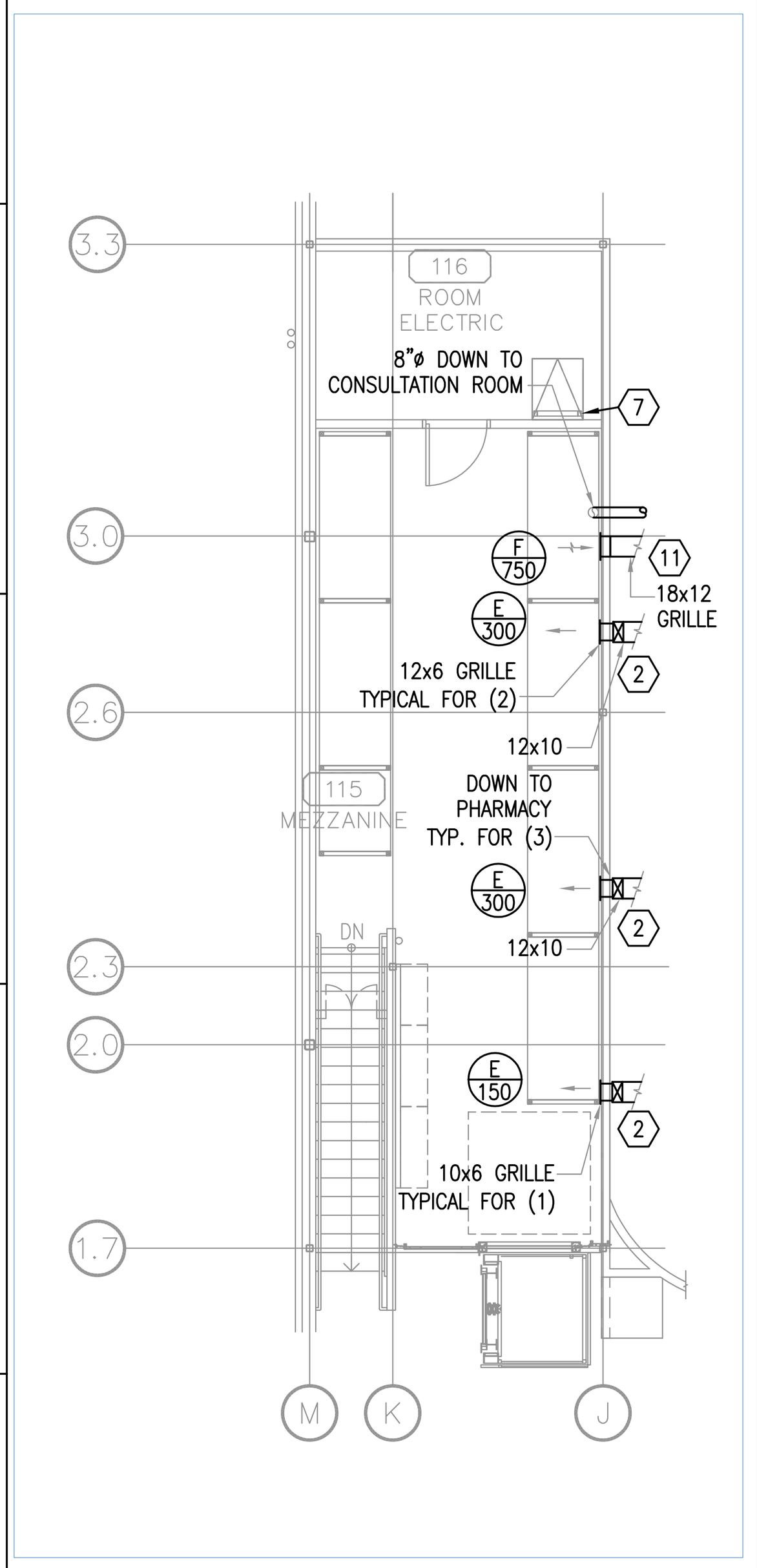
COOLING / HEATING PROGRAM

COOLING

OCCUPIED (8 A.M. – 10 P.M.)		UNOCCUPIED (10 P.M. – 8 A.M.)	
1) SALES	73°F	1) SALES	79°F
2) PHARMACY & PATIENT WAITING	72°F	2) PHARMACY & PATIENT WAITING	79°F
3) RECEIVING	76°F	3) RECEIVING	79°F

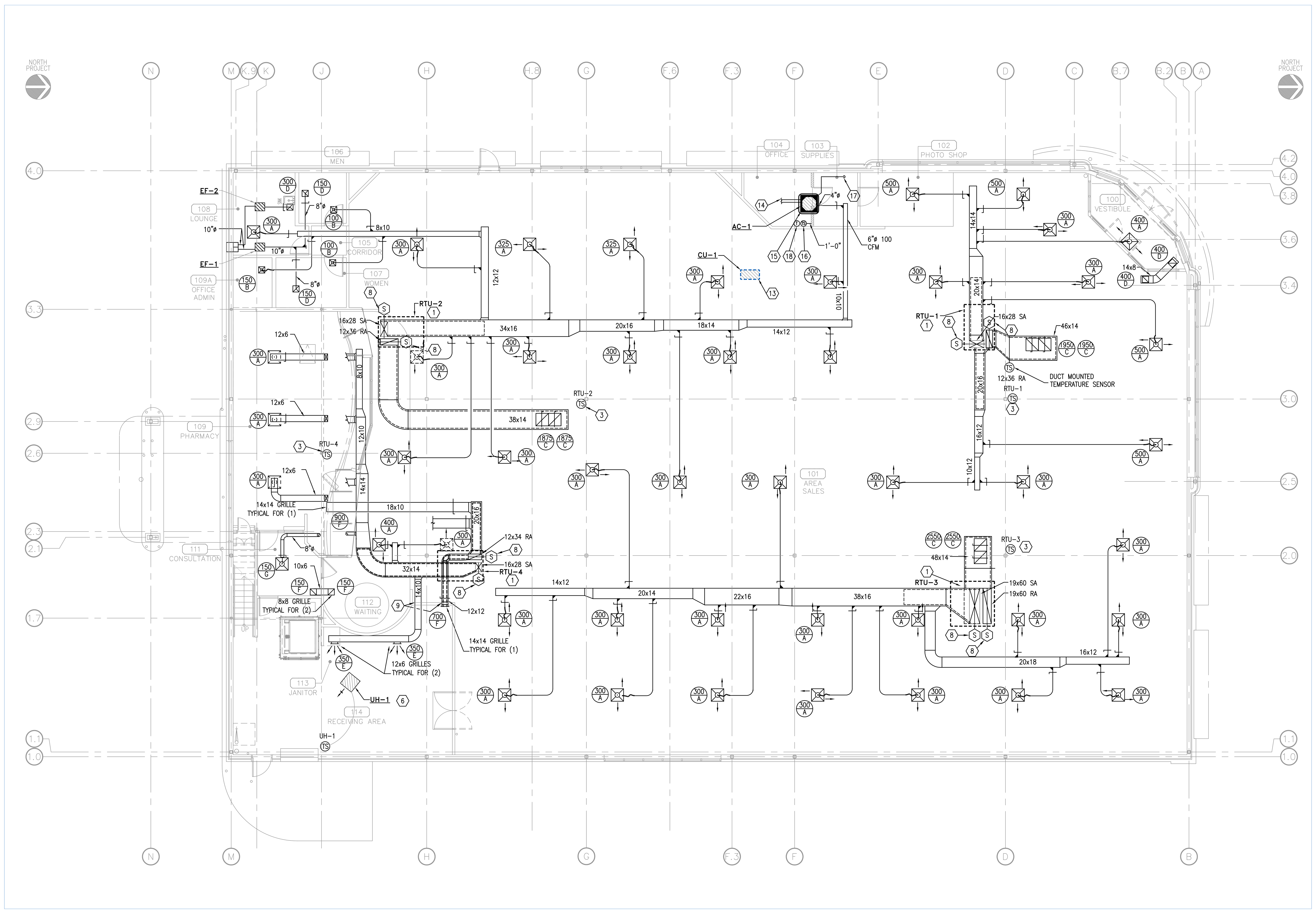
HEATING

OCCUPIED (8 A.M. – 10 P.M.)		UNOCCUPIED (10 P.M. – 8 A.M.)	
1) SALES	70°F	1) SALES	62°F
ENTRANCE HEATER	68°F	ENTRANCE HEATER	50°F
2) PHARMACY & PATIENT WAITING	72°F	2) PHARMACY & PATIENT WAITING	62°F
3) RECEIVING	68°F	3) RECEIVING	62°F



A1 MECH. PLAN MEZZANINE

1/8" = 1'-0"



A3 MECHANICAL PLAN

1/8" = 1'-0"

SHEET NOTES

1. PROVIDE PACKAGED ROOFTOP UNIT WITH GAS HEAT. INSTALL UNIT ON AN INSULATED EQUIPMENT CURB. COORDINATE LOCATION WITH STRUCTURAL DRAWINGS. PIPE CONDENSATE A MIN. OF 6'-0" FROM UNIT TOWARDS THE NEAREST ROOF DRAIN. SEE ROOF PLAN ON SHEET MEP-101. REFER TO DETAIL F9/M-201
2. PROVIDE SUPPLY AND RETURN DUCTWORK TO **SERVE THE MEZZANINE AREA LOCATED ABOVE THE PHARMACY.**
3. TEMPERATURE SENSOR. TO BE MOUNTED AT 7'-0" A.F.F. IN SALES AND 6'-0" A.F.F. IN THE PHARMACY AT LOCATIONS SHOWN. PROVIDED BY RIGHT AID.
4. PROVIDE EXHAUST FANS EF-1,2. PROVIDE WITH DISCONNECT SWITCH. SUSPEND FAN FROM STRUCTURE WITH 3/8" THREADED RODS WITH VIBRATION ISOLATORS. INTERLOCK OPERATION WITH THE EMS SYSTEM.
5. PROVIDE 24"x12" STATIONARY EXHAUST LOUVER EQUAL TO GREENHECK EDJ-202. PROVIDE INSECT SCREEN OVER DUCT OPENING AND FULL SIZED PLENUM WITH SHEETMETAL SEPARATOR.
6. PROVIDE GAS FIRED UNIT HEATER. PROVIDE UNIT WITH VENT KIT UP TO ROOF AND SIZE PIPE DIAMETER AND ROOF TERMINATION PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. SUSPEND UNIT FROM STRUCTURE WITH 3/8" THREADED RODS AND VIBRATION ISOLATORS. SEE SCHEDULE, SHEET M-301. COORDINATE EXACT LOCATION WITH ARCHITECT.
7. EMS CONTROL PANEL. COORDINATE LOCATION WITH ELECTRICAL PANELS.
8. DUCT MOUNTED SMOKE DETECTORS. DETECTORS PROVIDED BY ELECTRICAL CONTRACTOR, INSTALLED IN DUCTWORK BY MECHANICAL CONTRACTOR. COOORDINATE WITH ELECTRICAL DRAWINGS.
9. COORDINATE LOCATION OF DUCT PENETRATION WITH WALL CONSTRUCTION.
10. COORDINATE LOCATION OF DUCT WITH SOFFIT ABOVE PHARMACY.
11. 18X12 RETURN DUCT. SEE A3/M-101 FOR CONTINUATION.
12. ROUTE 12X6 DUCT THRU BEAM CUTS TO SERVE PHARMACY.
13. CONDENSING UNIT (CU-1) AND EQUIPMENT PAD ON ROOF. SEE ROOF PLAN ON SHEET M-102
14. INSULATED REFRIGERANT LINES FROM AC-1 TO CU-1, RUN AS HIGH AS POSSIBLE. CONTRACTOR TO VERIFY SIZE FOR LENGTH OF RUN AND RISE PER MANUFACTURERS SPECIFICATIONS. REFRIGERANT LINES SHALL BE BRAZED.
15. SUSPEND AC-1 FROM DECK USING 3/8" TREADED ROD. PROVIDE (2) NUTS TO THE UNDER SIDE OF UNIT TO SECURE UNIT. INSTALL AS PER MANUFACTURERS SPECIFICATIONS.
16. EMS CONTRACTOR TO FURNISH AND INSTALL TEMPERATURE SENSOR AND PROVIDE OCCUPANCY BASED INTERLOCK WITH THE THERMOSTAT. MOUNT ON WALL 8'-0" A.F.F IN A 2X4 JUNCTION BOX. COORDINATE EXACT LOCATION WITH ARCHITECT AND MECHANICAL CONTRACTOR.
17. ROUTE 1" COPPER CONDENSATE PIPE DOWN TO SINK IN ADJACENT STOREROOM. REFER TO DRAWING P-101.
18. MECHANICAL CONTRACTOR TO FURNISH AND INSTALL THERMOSTAT FOR AC-1 AND CU-1. ALIGN WITH THE TEMPERATURE SENSOR AND COORDINATE EXACT LOCATION WITH ARCHITECT AND CONTROLS CONTRACTOR.

GENERAL NOTES

1. ALL WORK SHOWN SHALL COMPLY WITH ALL NATIONAL, STATE AND LOCAL CODES, ORDINANCES, ETC.
2. CONTRACTOR SHALL COORDINATE WITH ALL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL WORK OR CLARIFICATION OF NECESSARY WORK. MECHANICAL CONTRACTOR SHALL REFER TO ROOF PLAN ON MEP-101 FOR SCOPE OF ROOF WORK.
3. ALL FRESH AIR INTAKES ON ROOF SHALL BE LOCATED A MINIMUM OF 10'-0" AWAY FROM ANY EXHAUST DUCT, BLOWER DISCHARGE, PLUMBING VENT, ETC.
4. HVAC ROOFTOP UNIT TO INCLUDE FLEXIBLE CONNECTIONS, REFER TO DETAIL F9/201. OUTSIDE AIR INTAKE TO BE SIZED FOR A 100 % OF OUTSIDE AIR FOR ECONOMIZER SYSTEMS.
5. ALL SUPPLY & RETURN DUCTWORK TO BE GALVANIZED SHEET METAL. INTERNALLY LINE SUPPLY AND RETURN FOR FIRST 10 FEET FROM UNIT OR AS SHOWN. EXTERNALLY INSULATE ALL SUPPLY AND RETURN DUCTWORK WITH 2" DUCT WRAP. REFER TO SPECIFICATION FOR EXACT REQUIREMENTS.
6. PROVIDE FLUE THRU ROOF (WITH WEATHER CAP) FOR GAS FIRED UNIT HEATER (IF APPLICABLE), REFER TO DETAIL C13/M-201
7. HVAC UNITS MUST BE INSTALLED LEVEL ON ROOF.
8. FLEXIBLE DUCT LENGTH NOT TO EXCEED A MAXIMUM OF 6'-0". USE ONLY ON FINAL SUPPLY AIR RUN-OFF FROM BRANCH DUCT TO SUPPLY AIR DIFFUSER, AND 3'-0" FROM THE RETURN AIR GRILLE TO THE DUCTWORK. FOR BOTH CASES 90 DEG. TURNS ARE NOT ALLOWED – OFFSET ANGLES SHALL BE KEPT TO A MINIMUM. REFER TO BRANCH DUCT SIZE CHART ON L14/M-301 FOR SIZING BRANCH DUCTS.
9. PROVIDE A LABEL ON ALL TEMPERATURE SENSORS NOTING THE UNITS SERVED.
10. SEE ARCHITECTURAL DRAWINGS FOR HVAC ROOF CURB, PITCH POCKET AND PIPE CURB DETAILS.
11. ALL NON-AIR CONDITIONING COMPRESSORS LISTED WITH REFRIGERANT PIPING SHALL BE FURNISHED BY RITE AID.
12. PAINT THE INTERIOR SURFACE OF DUCTS WHERE VISIBLE THROUGH GRILLES, DIFFUSERS, ETC., WITH FLAT, 'DTM' (DIRECT TO METAL), BLACK PAINT.
13. NEW ENERGY MANAGEMENT SYSTEM (EMS) SHALL BE PROVIDED AND INSTALLED BY RITE AID. EMS SYSTEM USED WILL BE JOHNSON CONTROLS "METASYS SYSTEM".
14. MECHANICAL CONTRACTOR TO COORDINATE DUCKWORK WITH SECURITY GATE SOFFIT ABOVE PHARMACY.

SYMBOLS

- DUCTWORK W/ LINING
- DUCTWORK
- VOLUME DAMPER
- TURNING VANES
- FLEXIBLE CONNECTION
- FLEXIBLE DUCT
- SUPPLY AIR DIFFUSER
- RETURN AIR GRILLE
- EXHAUST AIR GRILLE
- THERMOSTAT
- TEMPERATURE SENSOR
- DUCT MOUNTED SMOKE DETECTOR
- DUCT TAP W/ VOLUME DAMPER
- DIFFUSER TYPE / CFM QUANTITY

BRUCE RONAYNE HAMILTON ARCHITECTS
ARCHITECTURE
LAND PLANNING
INTERIOR DESIGN
3D VISUALIZATION
833 TURNPIKE ROAD
P.O. BOX 104
NEW IPSWICH
NEW HAMPSHIRE 03071

DESIGN DAY MECHANICALS INC
CORPORATE: 1 MAPLELEAF DRIVE, NASHUA, NH 03062
DAVID E. GODDARD, P.E.
THE PROJECT MANAGER FOR THIS PROJECT IS NOTED BELOW: PLEASE REFER ALL QUESTIONS, SUBMITTALS AND CORRESPONDENCE TO THE PROJECT MANAGER.
HVAC: DOUGLAS C. WAITT PH (603) 878-4330
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RITE AID STORE #4122
WASHINGTON & ALLEN AVENUE
PORTLAND, MAINE

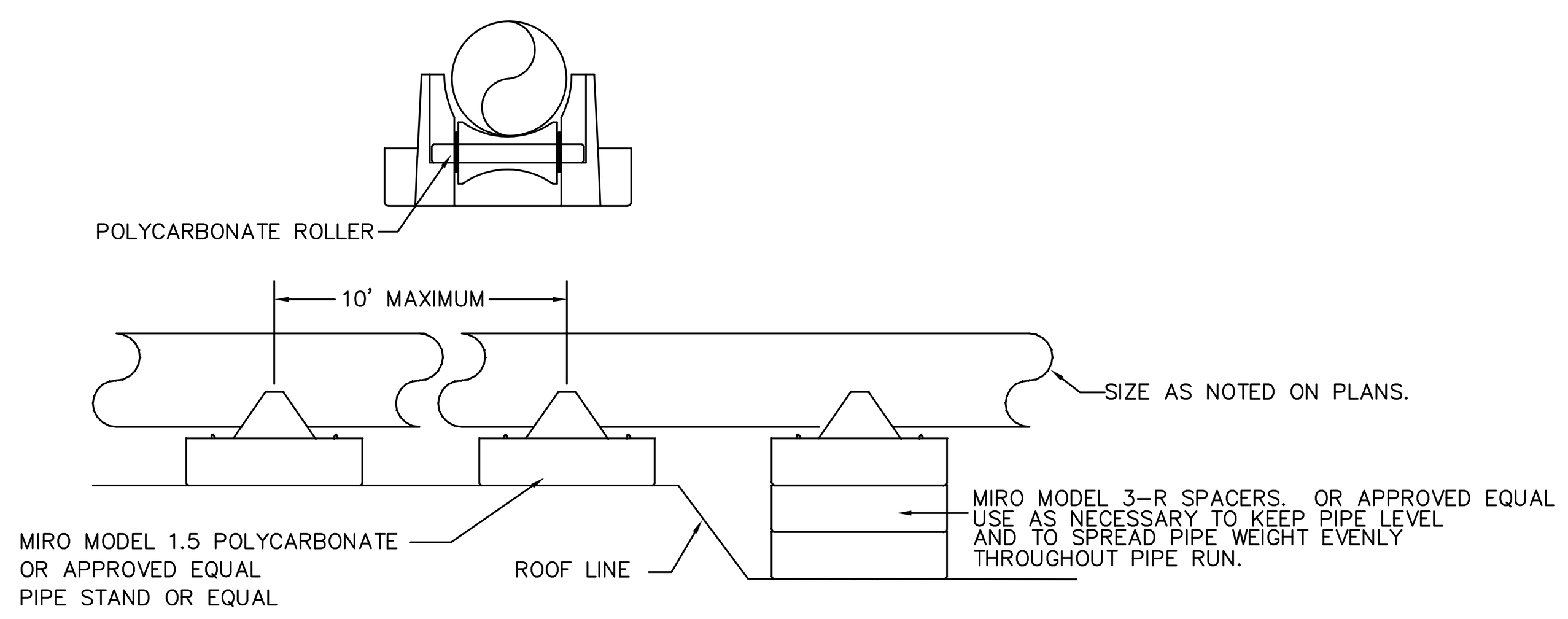
REVISIONS

No.	Date	Desc.
1	10-27-06	ISSUED FOR BUILDING PERMIT / GC BIDDING

Drawn	DCW
Checked	DEG
Approved	DEG
Project No.	0525/DDM 0696
Date:	10/27/06

Title
MECHANICAL PLAN

Sheet No.
M-101



K1 ROOF TOP PIPING SUPPORT DETAIL

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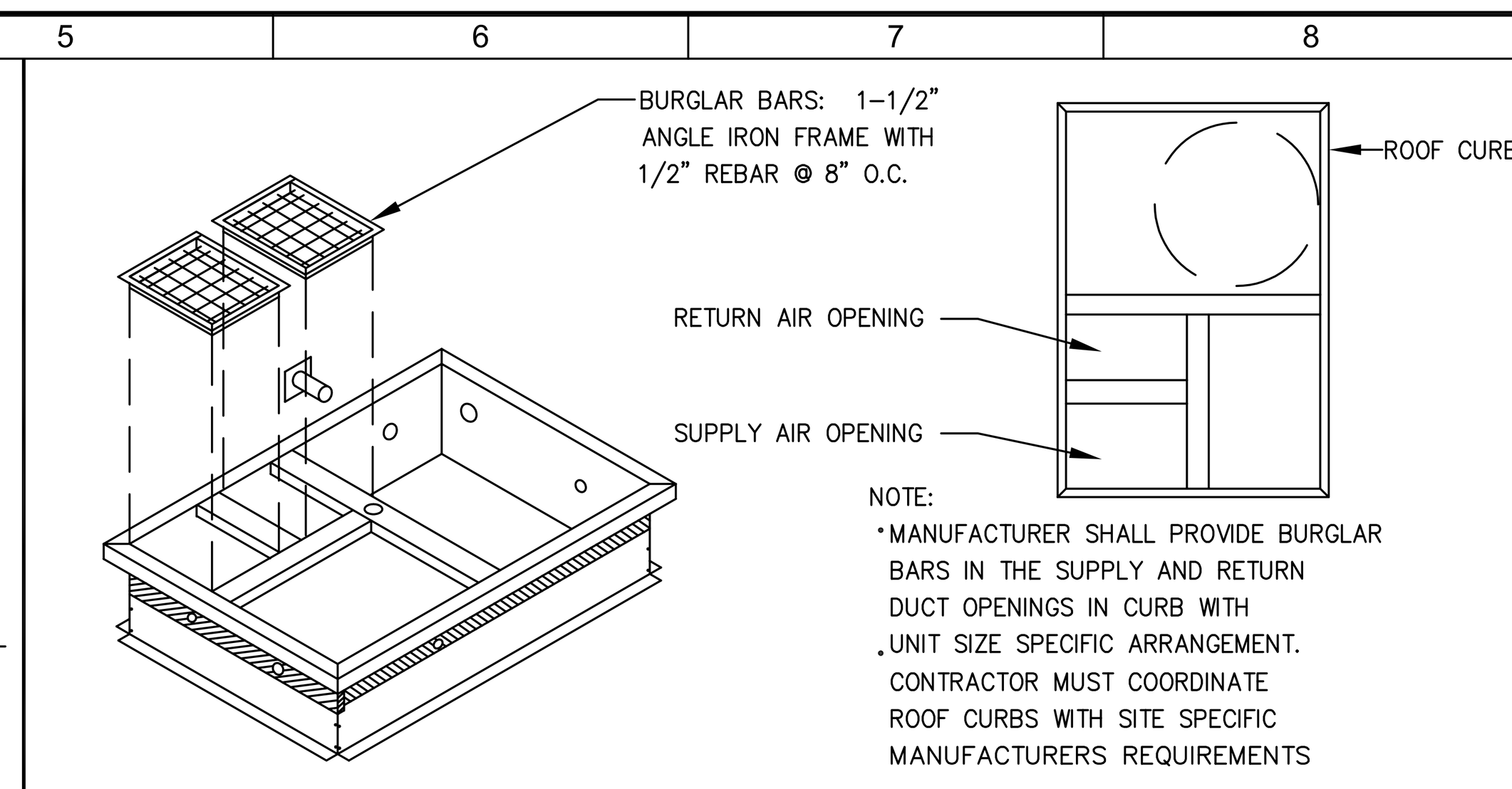

J9 ROOFTOP UNIT CURB DETAIL (YORK)

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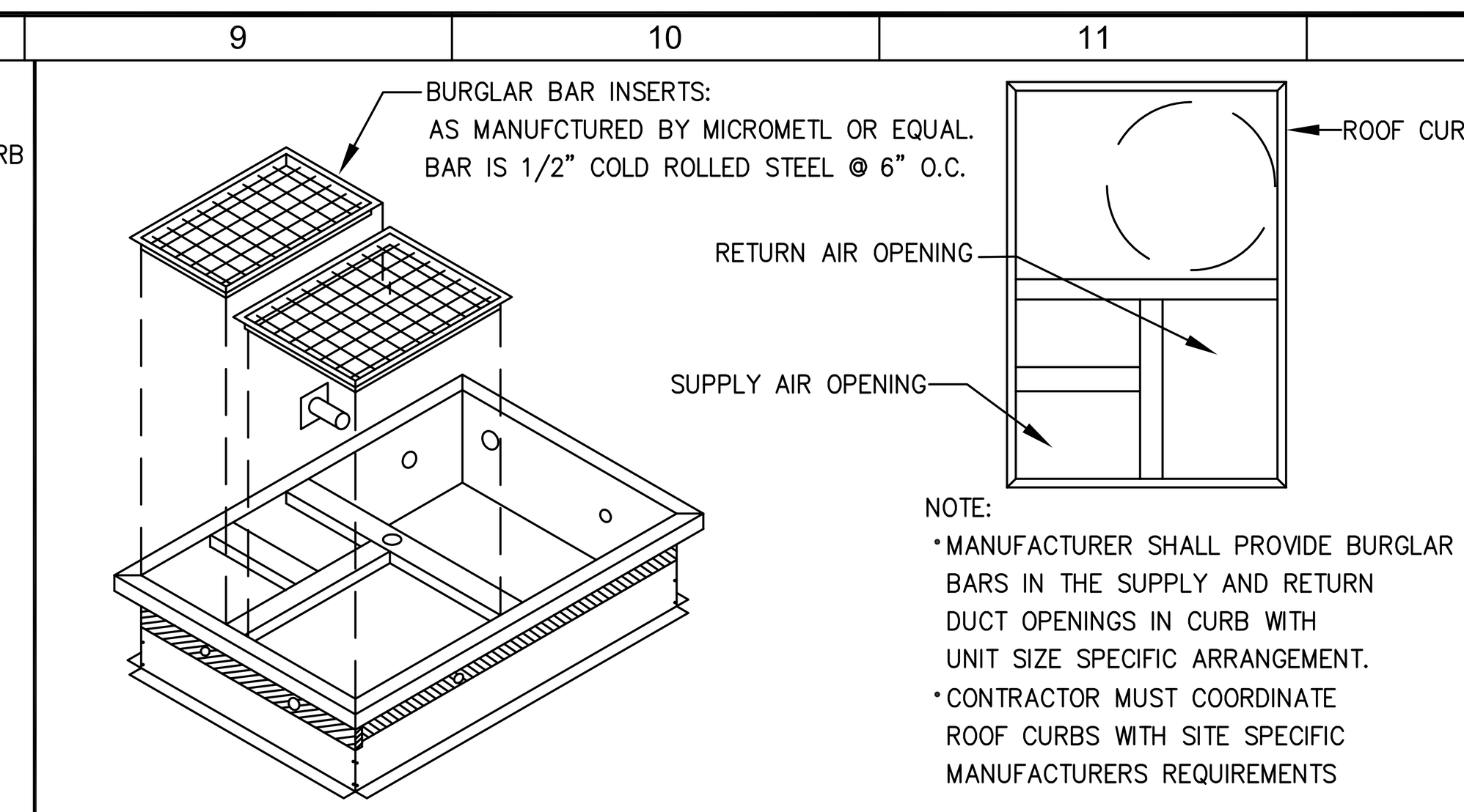

J13 ROOFTOP UNIT CURB DETAIL (CARRIER)

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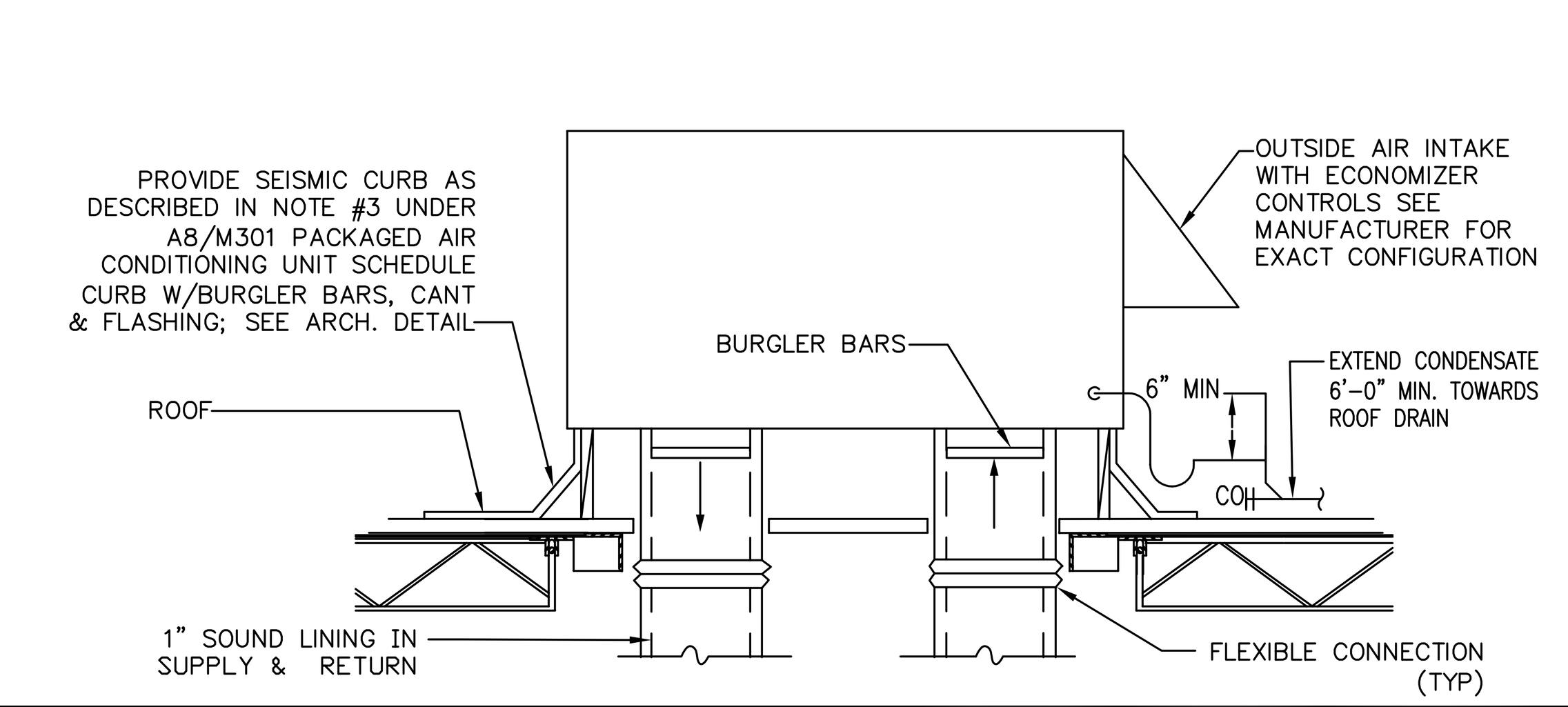

F9 ROOFTOP UNIT DETAIL

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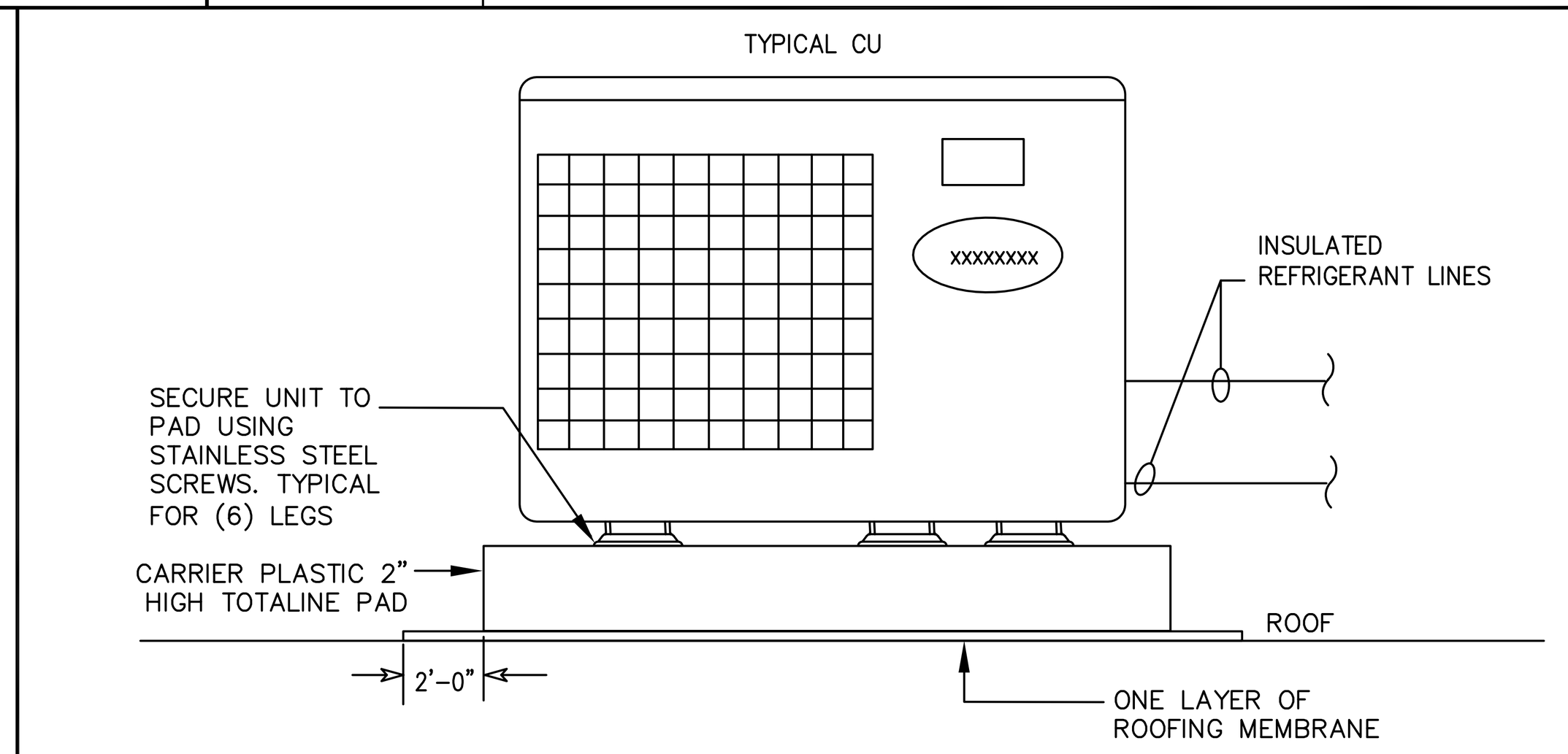

C9 CONDENSING UNIT DETAIL (CU-1)

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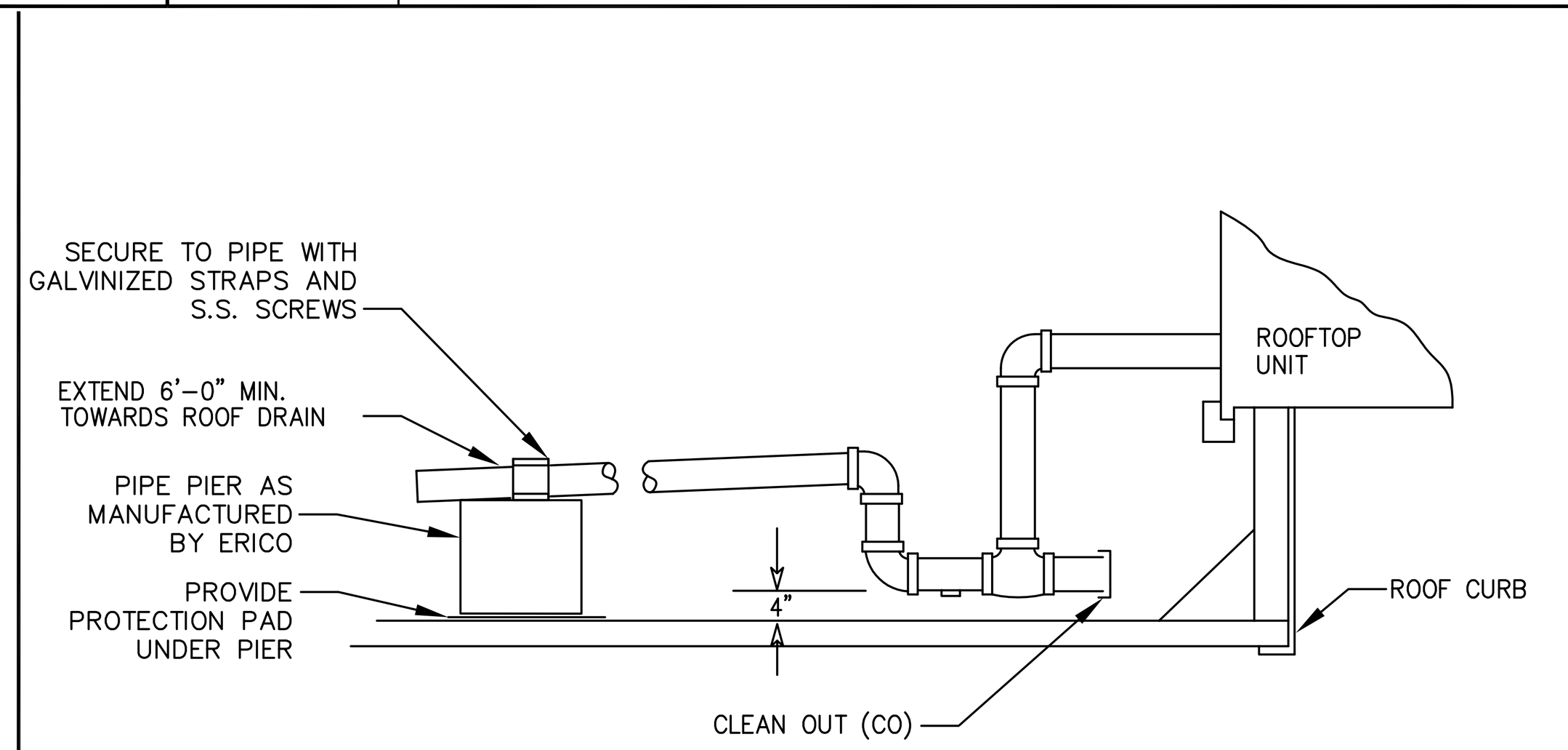
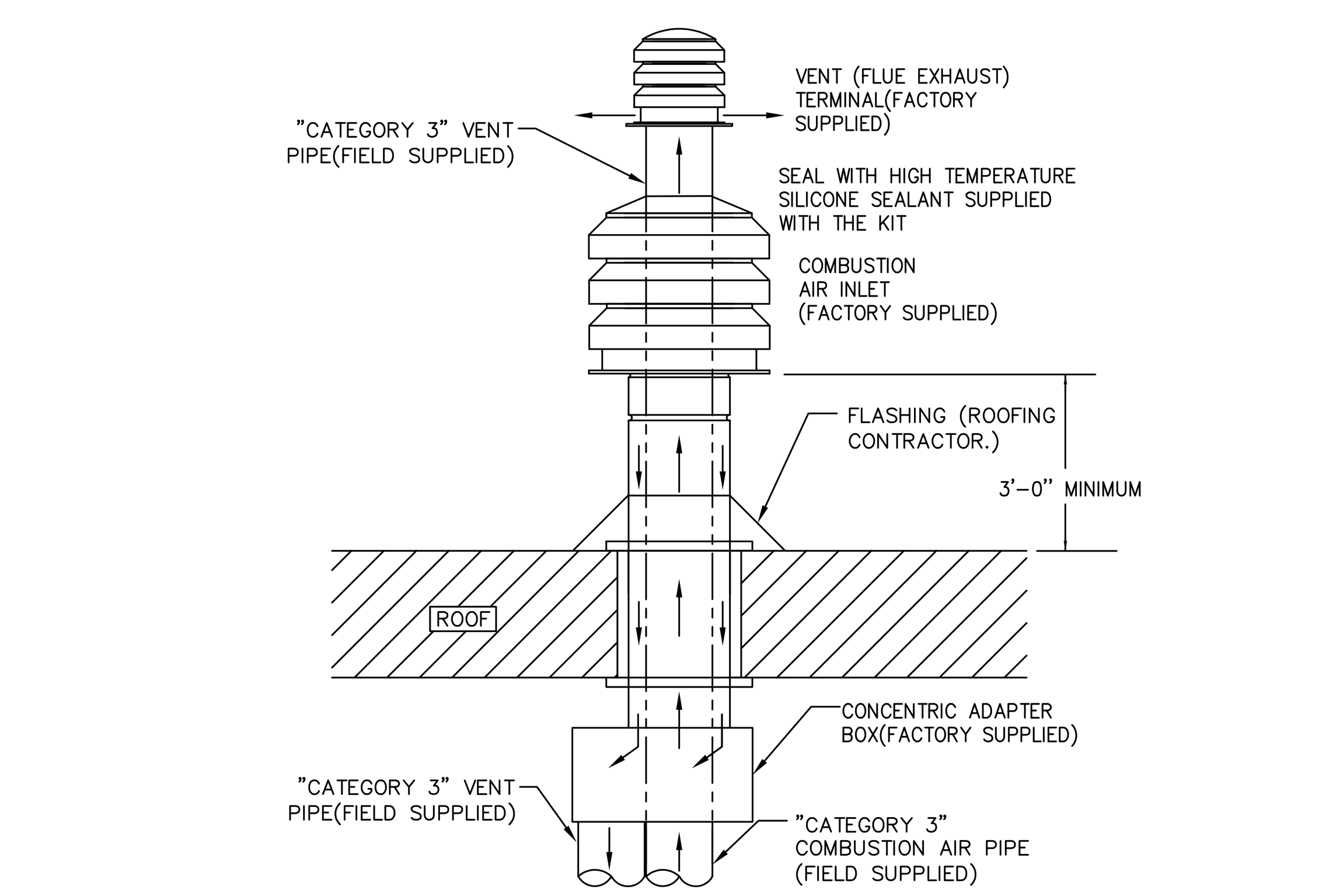


A13 CONDENSATE DRAIN DETAIL

N.T.S.



C13 CONCENTRIC GAS VENT DETAIL (UH-1)

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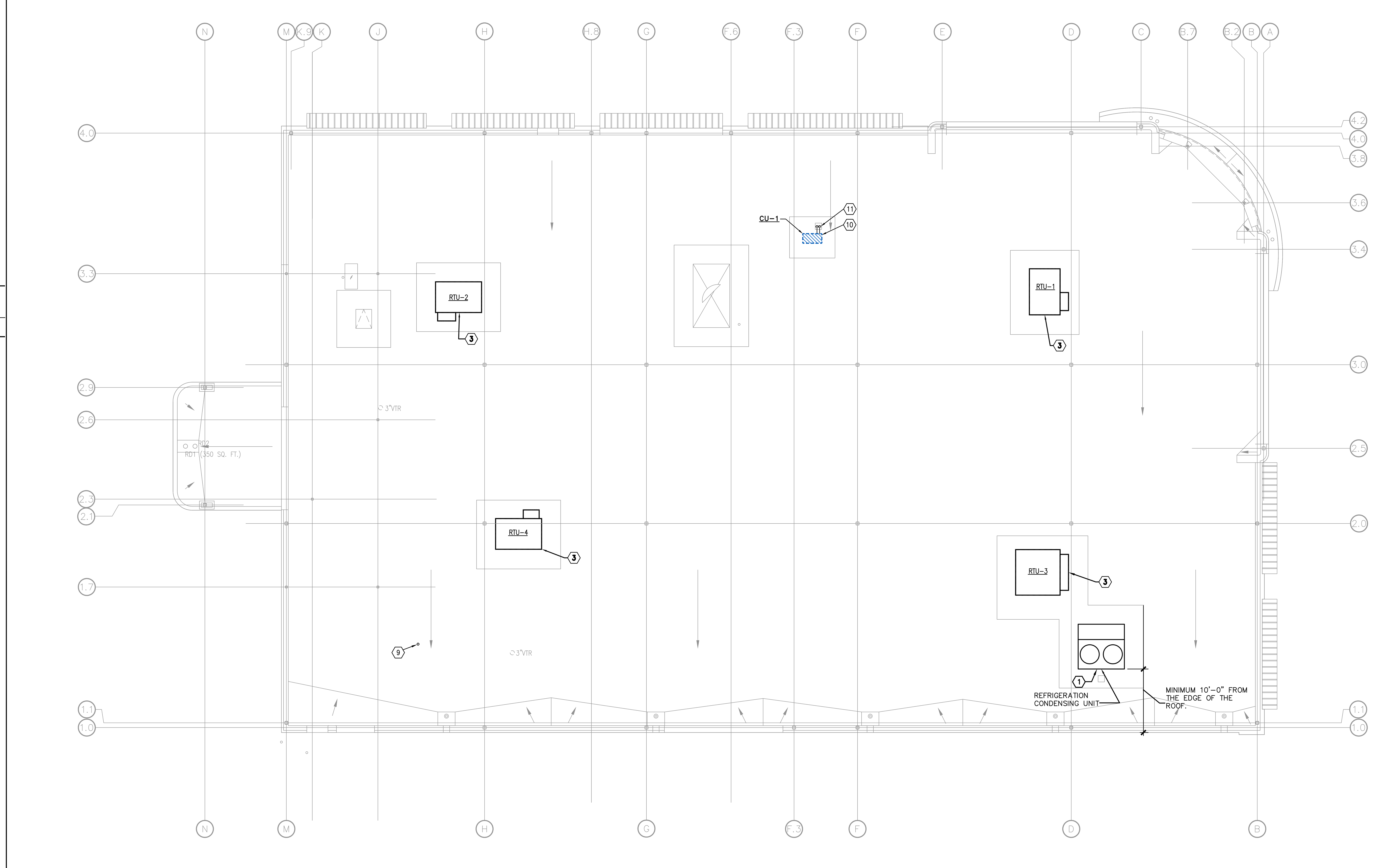

A3 MECHANICAL, ELECTRICAL, PLUMBING ROOF PLAN

1/8" = 1'-0"

SHEET NOTES

1. DIMENSION SHOWN FOR THE REFRIGERATION CONDENSING UNITS ARE MINIMUM CLEARANCE TO ROOF EDGE. EQUIPMENT PROVIDED BY REFRIGERATION CONTRACTOR. WIRING AND TERMINATION BY ELECTRICAL CONTRACTOR.
2. NOT USED
3. PACKAGED ROOFTOP UNITS WITH FACTORY ROOF CURBS. COORDINATE EXACT LOCATION OF SUPPLY AND RETURN DUCT PENETRATIONS AND STRUCTURAL SUPPORT FOR UNITS WITH STRUCTURAL DRAWINGS. CONTRACTOR SHALL INSTALL EQUIPMENT AS PER MANUFACTURERS INSTALLATION INSTRUCTIONS.
4. NOT USED
5. NOT USED
6. NOT USED
7. NOT USED
8. NOT USED
9. 4"ø CONCENTRIC VENT FROM UH-1. REFER TO DETAIL C13/M-201.
10. SECURE CONDENSING UNIT (CU-1) TO EQUIPMENT PAD USING STAINLESS STEEL SCREWS. PROVIDE (1) LAYER OF ROOF MEMBRANE UNDER PAD AND EXTEND 2 FEET BEYOND EQUIPMENT PAD ON ALL SIDES.
11. INSULATED REFRIGERANT LINES FROM AC-1 TO CU-1. CONTRACTOR TO VERIFY SIZE FOR LENGTH OF RUN AND RISE PER MANUFACTURERS SPECIFICATIONS. REFRIGERANT LINES SHALL BE BRAZED.

LEGEND

ELBOW UP

ELBOW DOWN

BRUCE RONAYNE HAMILTON ARCHITECTS
ARCHITECTURE
LAND PLANNING
INTERIOR DESIGN
3D VISUALIZATION
63 TURNPIKE ROAD
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RITE AID STORE #4122
WASHINGTON & ALLEN AVENUE
PORTLAND, MAINE

RITE AID

REVISIONS No.	Date	Desc.
1	10-27-06	ISSUED FOR BUILDING PERMIT/ GC BIDDING

Drawn DCW
Checked DEG
Approved DEG

Project No. 0525/DDM 0696
Date: 10/23/06

Title
MECHANICAL ROOF PLAN

Sheet No.

M-102

SEQUENCE OF OPERATION

1. ROOFTOP UNITS (RTU);

A. UPON A SIGNAL FROM THE EMS, THE RTU SHALL START, HENCEFORTH, BE IN OPERATION 24 HOURS A DAY, 7 DAYS A WEEK.

1. OCCUPIED: THE RTU SUPPLY FAN SHALL RUN CONTINUOUSLY. THE OUTDOOR AIR DAMPER SHALL GO TO THE MINIMUM VENTILATION POSITION. IN THE HEATING MODE, THE RTU SHALL MAINTAIN OCCUPANCY TEMPERATURE SET POINTS. IN THE COOLING MODE, THE ECONOMIZER DAMPERS AND THE INDIVIDUAL STAGES OF COOLING SHALL OPERATE IN SEQUENCE TO MAINTAIN OCCUPANCY SET POINTS. THE UNIT'S HEATING AND COOLING FUNCTION SHALL NOT BE PERMITTED TO RUN AT THE SAME TIME AND A (5) MINUTE (ADJ.) TIME DELAY SHALL BE REQUIRED WHILE SWITCHING FROM HEATING TO COOLING FUNCTION (OR VICE-VERSA). THE UNIT SHALL BE EQUIPPED WITH A HOT GAS BY-PASS TO KEEP THE COMPRESSOR RUNNING DURING PART LOAD CONDITIONS, CONTROL OF WHICH SHALL BE BY THE UNIT'S FACTORY INSTALLED CONTROLS.

2. UNOCCUPIED: THE RTU SUPPLY FAN SHALL RUN INTERMITTENTLY. THE OUTDOOR AIR DAMPER SHALL GO TO THE CLOSED POSITION. IN THE HEATING MODE, THE RTU SHALL MAINTAIN UNOCCUPIED TEMPERATURE SET POINTS. IN THE COOLING MODE, THE ECONOMIZER DAMPERS AND THE INDIVIDUAL STAGES OF COOLING SHALL OPERATE IN SEQUENCE TO MAINTAIN UNOCCUPIED SET POINTS. THE UNIT'S HEATING AND COOLING FUNCTION SHALL NOT BE PERMITTED TO RUN AT THE SAME TIME AND A (5) MINUTE (ADJ.) TIME DELAY SHALL BE REQUIRED WHILE SWITCHING FROM HEATING TO COOLING FUNCTION (OR VICE-VERSA). THE UNIT SHALL BE EQUIPPED WITH A HOT GAS BY-PASS TO KEEP THE COMPRESSOR RUNNING DURING PART LOAD CONDITIONS, CONTROL OF WHICH SHALL BE BY THE UNIT'S FACTORY INSTALLED CONTROLS.

3. WHEN THE OUTDOOR AIR IS SUITABLE FOR COOLING AS DETERMINED BY THE RETURN AND OUTDOOR AIR ENTHALPY SENSORS, THE RETURN AND OUTDOOR AIR DAMPERS SHALL MODULATE UNDER MIXED AIR ECONOMIZER CONTROL AS NEEDED TO MAINTAIN THE DESIRED DISCHARGE AIR TEMPERATURE SETPOINT (55°F(ADJ.)). THE MECHANICAL COOLING SHALL BE PERMITTED TO RUN IN SEQUENCE WITH THE ECONOMIZER, IF COMPARATIVE ENTHALPY LOGIC ALLOWS, TO MAINTAIN DISCHARGE AIR TEMPERATURE SETPOINT UNTIL SPACE TEMPERATURE SETPOINTIS SATISFIED.

B. SAFETIES:

1. UPON ACTIVATION OF THE RTU DUCT SMOKE DETECTOR(S), THE SUPPLY FAN SHALL STOP AND THE OUTDOOR AIR DAMPER SHALL CLOSE.

C. ALARMS:

1. THE FOLLOWING CONDITIONS SHALL GENERATE AN AUDIBLE/VISUAL ALARM AT THE CONTROL PANEL AND AT THE FACILITIES MANAGERS OFFICE.
   a. RTU COMMON "TROUBLE " ALARM.
   b. LOSS OF AIR FLOW.

2. EXHAUST FANS (EF);

A. THE OPPERATION OF EXHAUST FANS EF-1,2 SHALL BE INTERLOCKED WITH THE OPERATION OF RTU-2.

G1 SEQUENCE OF OPERATION

DESIGNATION	SERVICE	INDOOR UNIT MODEL	COOLING CAP. (BTU)	HEATING CAP. (BTU)	CFM (HIGH)	INDOOR ELECTRICAL VOLTAGE	PHASE	HZ	CONDENSER UNIT MODEL	FAN FLA	MOCP	CONDENSER ELECTRICAL VOLTAGE	PHASE	HZ	SEER	REMARKS	ACCESSORIES
AC-1/CU-1	MANAGER'S OFFICE	40KMQ018	17,900	16,800	690	208	1	60	38QRF018	.8	20	208	1	60	13.0	1,2,3	1,2,3,4,5,6

REMARKS:
1. UNIT SELECTION BASED ON CARRIER. ACCEPTABLE MANUFACTURER IS MITSUBISHI MODEL #PLAA18AA/PUZ-A18NHA HEAT PUMP.
2. CONDENSING UNITS SHALL BE MOUNTED ON EQUIPMENT PAD AS MANUFACTURED BY CARRIER PART # P142-3830.

ACCESSORIES:
1. ISOLATION RELAY.
2. CRANKCASE HEATER.
3. LOW AMBIENT CONTROL AND WINTER START.
4. WIND BAFFLE.
5. INDOOR GRILLE MODEL # 40KMC9006
6. WIRED THERMOSTAT M#33MC-URC

L8 DUCTLESS SPLIT HEAT PUMP UNIT SCHEDULE

DUCT SIZE	CFM RANGE
6" ø	0 - 100 CFM
8" ø	101 - 250 CFM
10" ø	251 - 400 CFM
12" ø	401 - 600 CFM
14" ø	601 - 1000 CFM

L14 BRANCH DUCT SIZE CHART

TAG	TYPE	VOLUME CONTROL	SIZE FACE	SIZE NECK	FRAME STYLE	MATERIAL	FINISH	MAX. SOUND (NC)	PRESSURE DROP	MANUFACTURER	MODEL No.	REMARKS
A	SUPPLY DIFFUSER	DUCT	24X24	(1)	(4)	STEEL	(3)	30	.06	TITUS	TMSA	(5)
B	SUPPLY DIFFUSER	DUCT	12X12	(1)	(4)	STEEL	(3)	30	.03	TITUS	TMSA	(5)
C	RETURN GRILLE	DUCT	24X24	20X20	LAY-IN	STEEL	(3)	25	.04	TITUS	50R-C	(5)
D	EXHAUST GRILLE	OBD	12X12	(2)	(4)	STEEL	(3)	25	.02	TITUS	50R-C	
E	SUPPLY GRILLE	OBD	(2)	(2)	SURFACE	STEEL	(3)	30	.04	TITUS	300R	
F	RETURN GRILLE	OBD	(2)	(2)	(4)	STEEL	(3)	25	.02	TITUS	350R	
G	SUPPLY DIFFUSER	DUCT	24X24	(1)	LAY-IN	STEEL	(3)	25	.70	ACCUTHERM	THERMAFUSER-TF-HC	(5)

REMARKS:
1. REFER TO BRANCH DUCT SIZE CHART
2. SIZE AS NOTED ON PLAN
3, WHITE UNLESS OTHERWISE NOTED (DIFFUSERS AT COSMETIC CEILING WILL BE PAINTED)
4. FRAME STYLE TO MATCH ARCHITECTURAL CEILING TYPE .
5 2-WAY THROW AWAY FROM LIGHT.

H8 AIR DEVICE SCHEDULE

TAG	CFM	HEATER KW	HEATER GAS (MBH) INPUT	HEATER GAS (MBH) OUTPUT	HEATER V	HEATER PH	HEATER HZ	FAN MOTOR HP	FAN MOTOR V	FAN MOTOR PH	FAN MOTOR HZ	FAN MOTOR RPM	MOUNTING HEIGHT	MANUFACTURER AND MODEL NO.	LOCATION	FLUE SIZE	WT. LBS	REMARKS
UH-1	630	N/A	45	37.3	N/A	N/A	N/A	1/15	115	1	60	1550	12'	REZNOR UDAP-45	RECEIVING AREA	4"	60	1,2

REMARKS:
1. SUSPEND FROM STRUCTURE USING 3/8" THREADED RODS AND VIBRATION ISOLATORS.
2. PROVIDE UNIT WITH VENT KIT.

F8 UNIT HEATER SCHEDULE

TAG	CFM	S.P. IN WG.	ELECTRICAL DATA HP/WATTS	RPM	V	PH	HZ	CONTROL	SERVICE	MANUFACTURER AND MODEL NO.	REMARKS
EF-1	300	.125	144 W	1350	120	1	60	EMS	RESTROOMS	GREENHECK CSP-A390	1,2,3,4,5
EF-2	300	.125	144 W	1350	120	1	60	EMS	LOUNGE	GREENHECK CSP-A390	1,2,3,4,5

REMARKS:
1. PROVIDE WITH UNIT MOUNTED SPEED CONTROLLER.
2. PROVIDE WITH DISCONNECT SWITCH
3. SUSPEND FROM STRUCTURE USING 3/8" THREADED RODS AND VIBRATION ISOLATORS.

D8 EXHAUST FAN SCHEDULE

TAG	SUPPLY FAN CFM	STATIC PRESSURE IN. WG. EXTERNAL	MOTOR BHP	MOTOR RPM	MOTOR TYPE	EVAPORATOR AIR TEMP. F° ENT. DB	ENT. WB	LVG. DB	LVG. WB	TOTAL MBH	SENS. MBH	COND. SECT MOTOR DATA NO.	HP	NATURAL GAS HEATING AIR TEMP. F° ENT.	LVG.	INPUT MBH	OUTPUT MBH	OUTSIDE AIR CFM	MANUFACTURER MODEL NO.	MANUFACTURER MODEL NO.	UNIT WEIGHT W/CURB LBS.	EER	ELECTRICAL* VOLTAGE	MCA	MOCP	REMARKS
RTU-1	3900	1.0	3.7	2100	STD	78.1	65.3	58.3	56.1	122	92	2	.25	64	103	172/230	186	420	CARRIER 48HJD012	YORK DH120N20P2AAA3	1253	11.0	208/3/60	59	70	1,2,3,4,5
RTU-2	3750	1.0	3.7	2100	STD	78.9	66.4	58.8	58.0	126	96	2	.25	62.5	101	206/275	223	820	CARRIER 48HJD012	YORK DH120N20P2AAA3	1253	10.8	208/3/60	63.4	70	1,2,3,4,5
RTU-3	5100	1.0	3.13	1725	STD	78.9	66.4	57.6	57.2	165	130	3	.50	62	101	206/275	223	720	CARRIER 48HJD015	YORK DH150N32P2ABA3	2015	10.8	208/3/60	62	80	1,2,3,4,5
RTU-4	2450	1.0	2.9	878	STD	74.5	64.1	54.5	53.1	85	57	2	.25	65.4	101	90/125	73/102	200	CARRIER 48HJD008	YORK DH090N10P2AAA3	1088	11.0	208/3/60	44.2	50	1,2,3,4,5

REMARKS:
1. UNIT FURNISHED WITH OUTSIDE AIR ECONOMIZER WITH FACTORY MOUNTED DIFFERENTIAL ENTHALPY CONTROLS, AND BAROMETRIC RELIEF.
2. BAROMETRIC RELIEF DAMPER SHALL BE PROVIDED AND SIZED FOR ECOMOMIZER CYCLE BASED ON RTU SUPPLY CFM.
3. CONTRACTOR SHALL FURNISH AND INSTALL UNIT WITH 14" HIGH FACTORY ROOF CURB W/ BURGLER BARS. LEVEL UNITS AS REQUIRED TO ADJUST FOR ROOF SLOPE. ROOF CURB SHALL BE SEISMICALLY RATED AS REQUIRED FOR SITE CLASSIFICATION Cz, BUILDING USE GROUP MERCANTILE AND CONSTRUCTION TYPE 5B.
4. CONTRACTOR TO PROVIDE CONNECTIONS AND TRANSITIONS FROM ROOFTOP UNIT TO SUPPLY AND RETURN CEILING MOUNTED DUCTWORK.
5. CONTRACTOR TO CONTACT THEIR LOCAL CARRIER OR YORK SALES REPRESENTATIVE FOR PRICING. FOR FURTHER QUESTIONS CONTACT THE NATIONAL ACCOUNTS PERSON.

A8 PACKAGED ROOFTOP AIR CONDITIONING UNIT SCHEDULE

BRUCE RONAYNE HAMILTON ARCHITECTS
ARCHITECTURE
LAND PLANNING
INTERIOR DESIGN
3D VISUALIZATION
833 TURNPIKE ROAD
P.O. BOX 104
NEW IPSWICH
NEW HAMPSHIRE 03071

DESIGN DAY MECHANICALS INC
CORPORATE: 1 MAPLELEAF DRIVE, NASHUA, NH 03062
DAVID E. GODDARD, P.E.

THE PROJECT MANAGER FOR THIS PROJECT IS NOTED BELOW: PLEASE REFER ALL QUESTIONS, SUBMITTALS AND CORRESPONDENCE TO THE PROJECT MANAGER.

HVAC: DOUGLAS C. WAITT PH (603) 878-4330
EMAIL DWAITT@ADELPHIA.NET FAX (603) 258-8355
369 PAGE HILL ROAD, P.O. BOX 447, NEW IPSWICH, NH 03071

RITE AID STORE #4122
WASHINGTON & ALLEN AVENUE
PORTLAND, MAINE

REVISIONS

No.	Date	Desc.
1	10-27-06	ISSUED FOR BUILDING PERMIT/ GC BIDDING

Drawn DCW
Checked DEG
Approved DEG

Project No. 0525/DDM 0696
Date: 10/23/06

Title
MECHANICAL SCHEDULES

Sheet No.
M-201