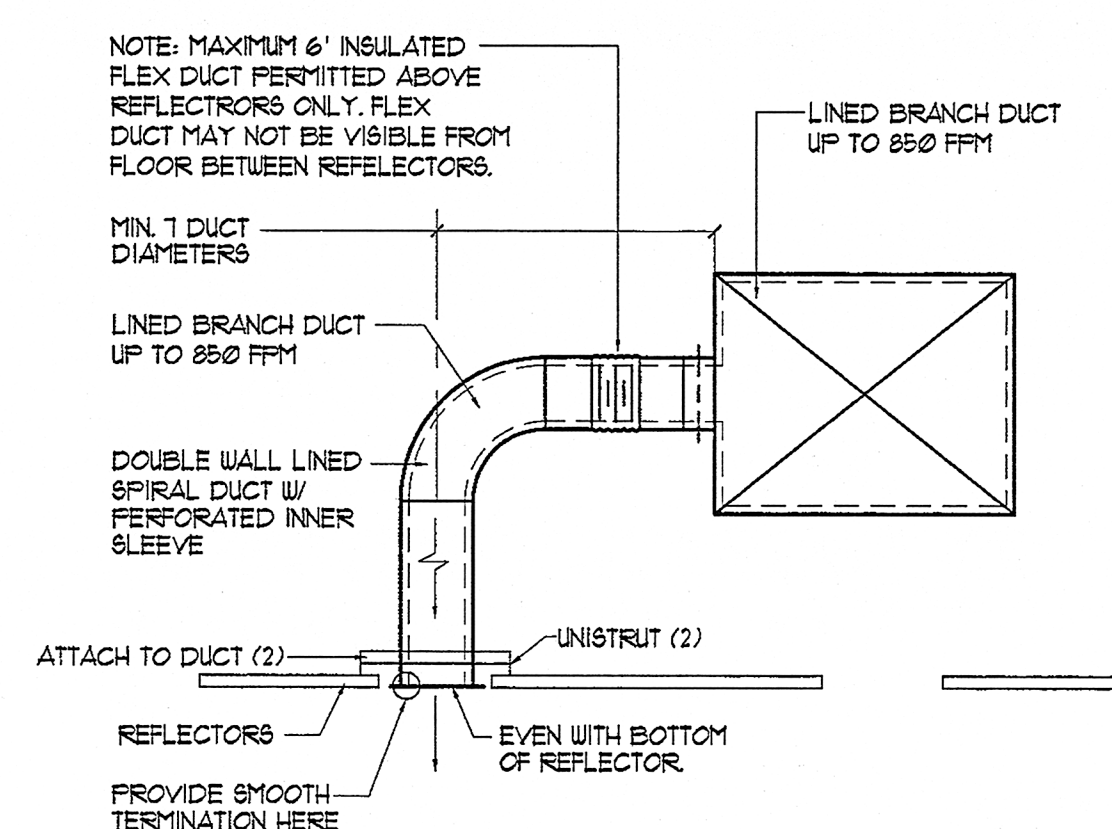
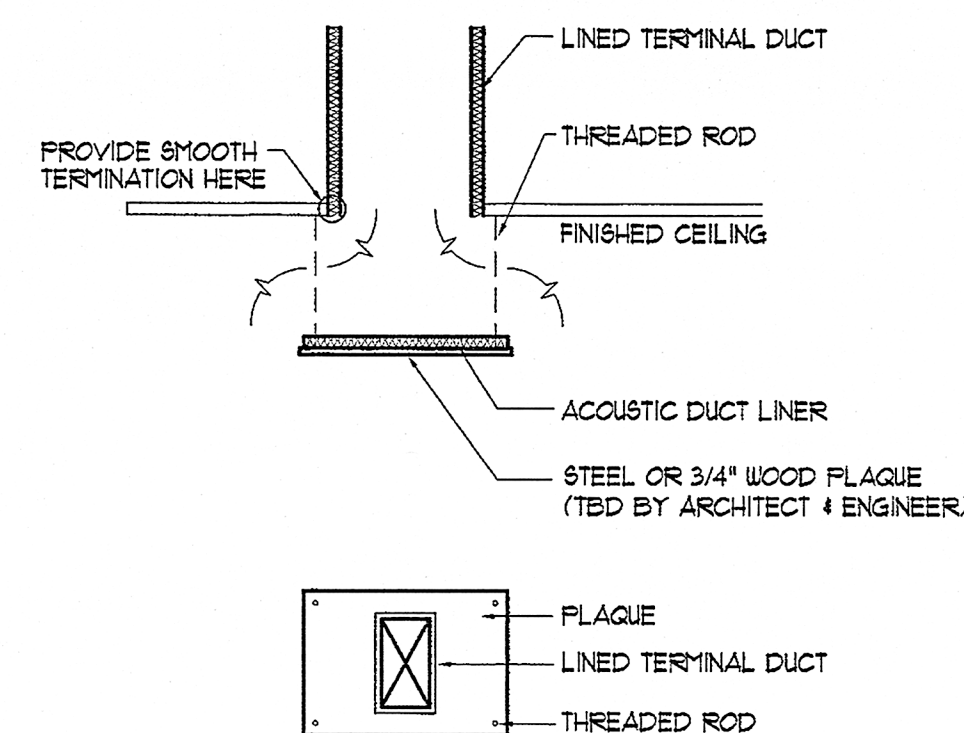


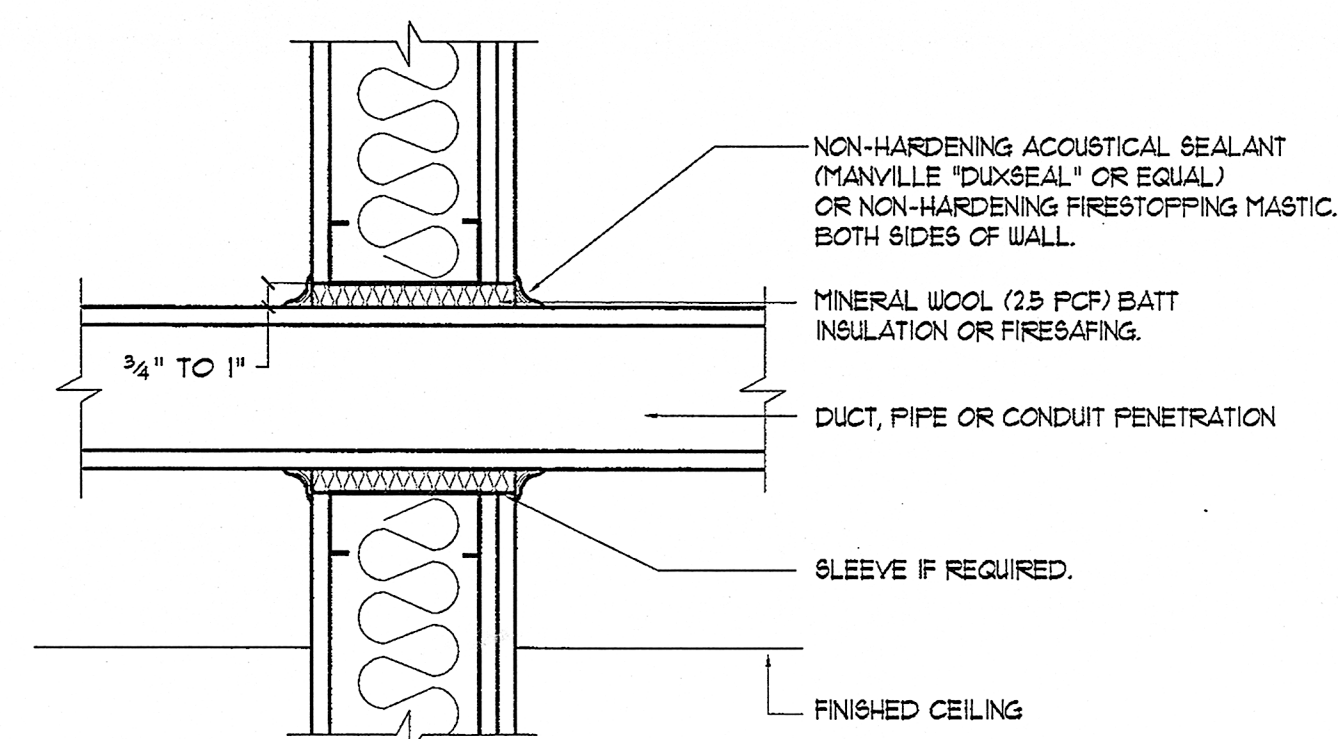


1 DETAIL
M-501 NONE

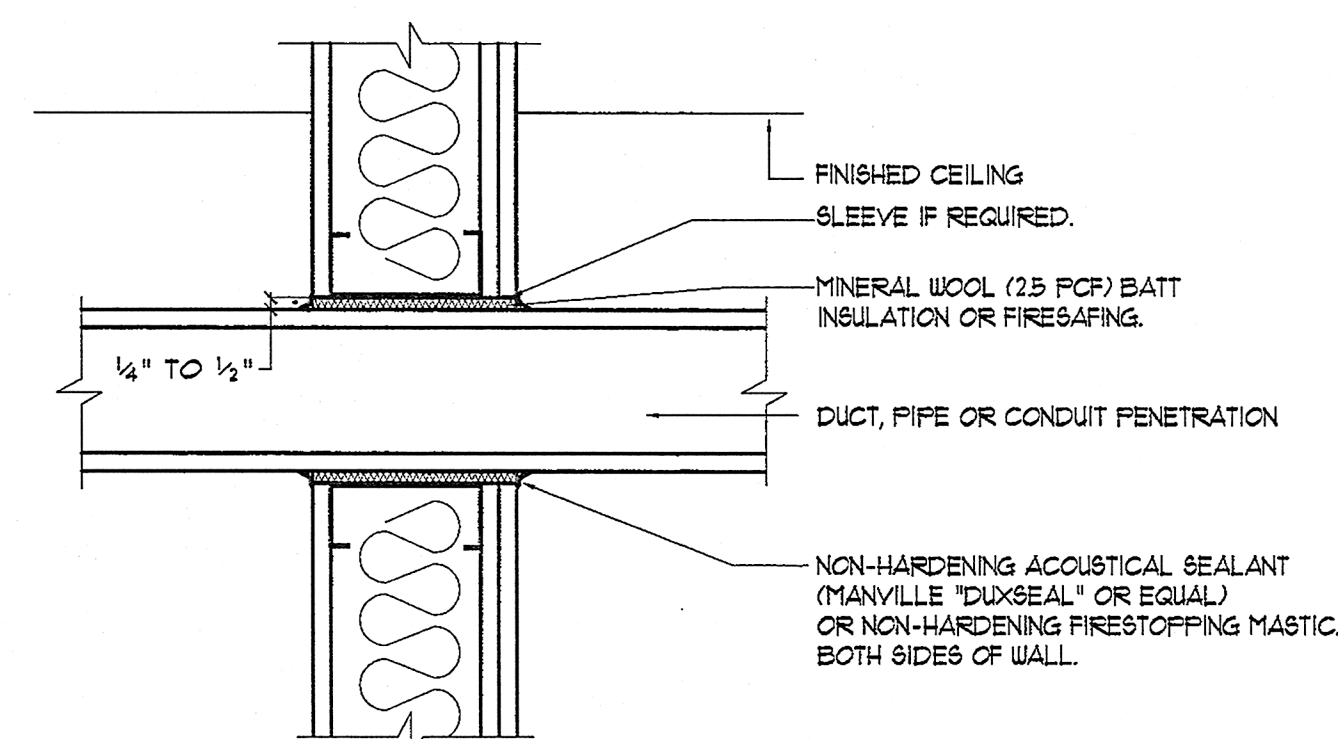
2 DETAIL
M-501 NONE



3 DETAIL
M-501 NONE



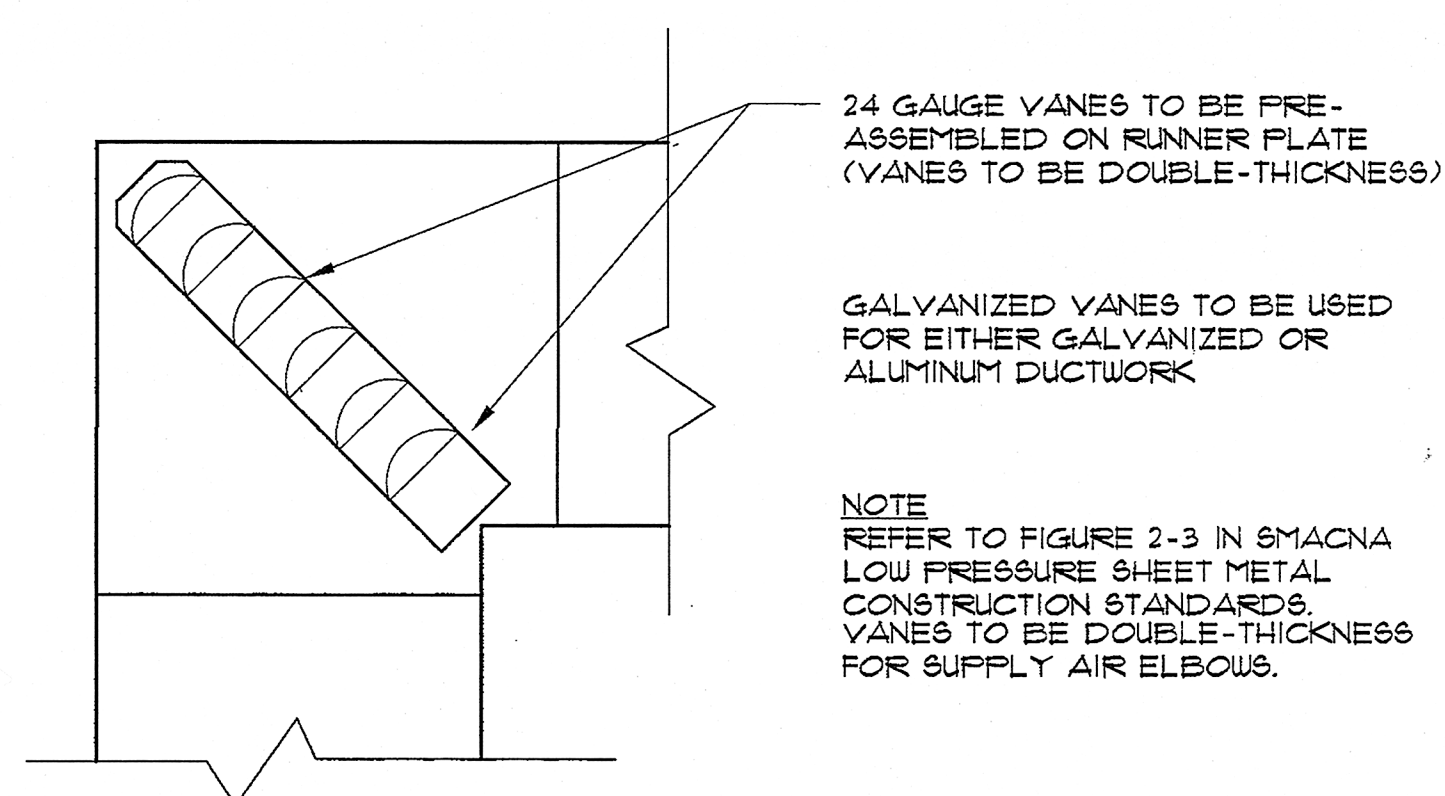
PENETRATION ABOVE FINISHED CEILING



PENETRATION BELOW FINISHED CEILING

RECORDING STUDIO

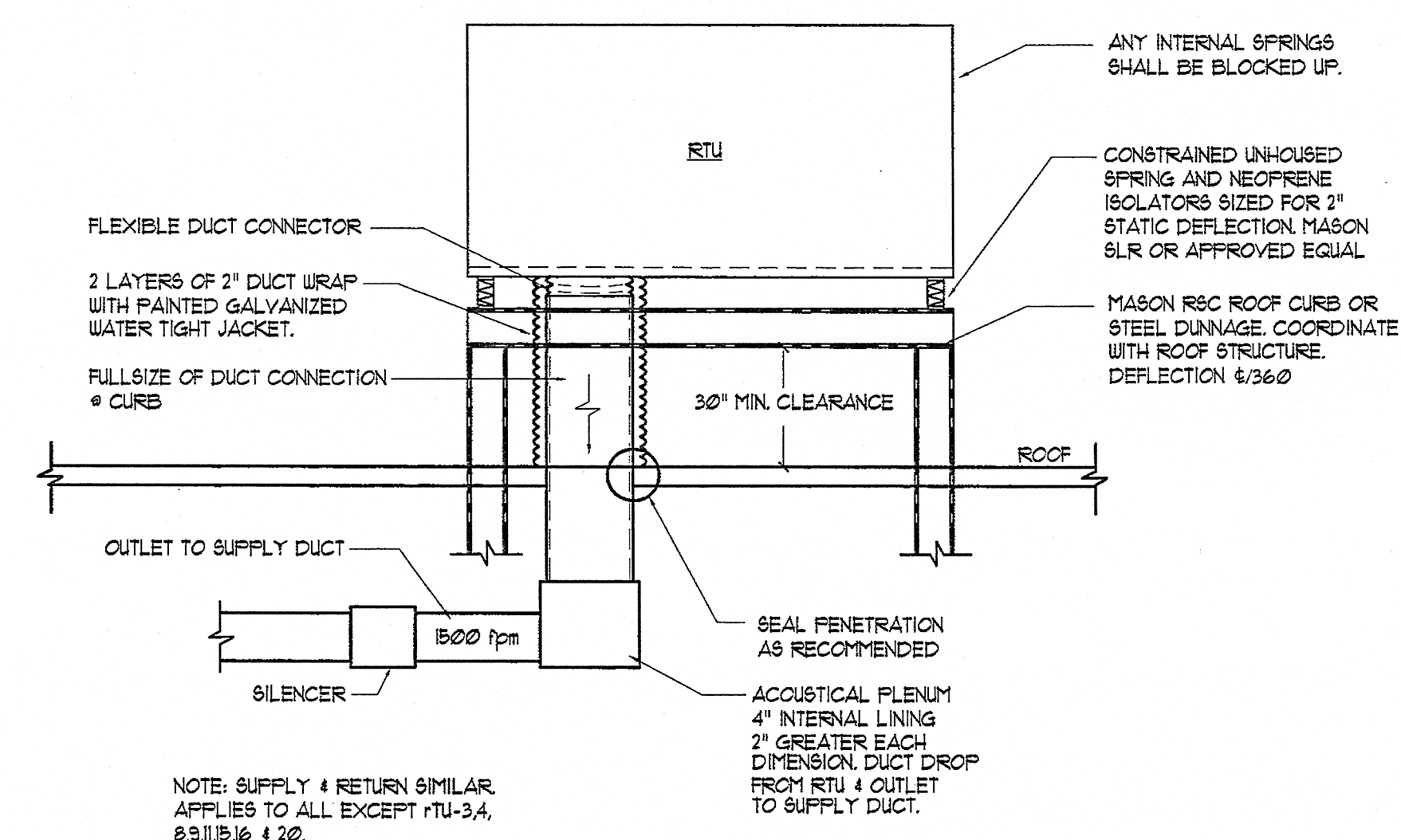
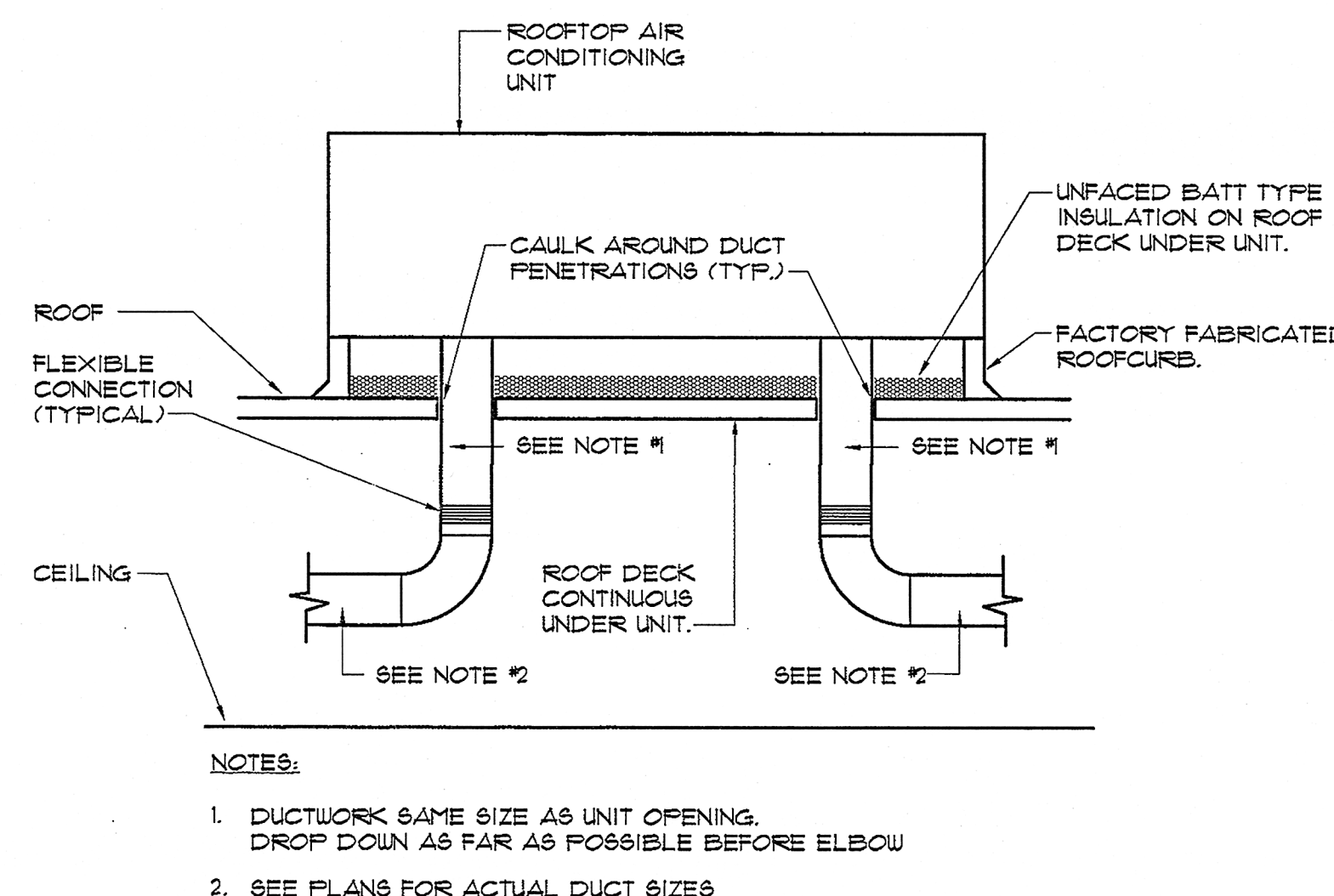
4 PENETRATION DETAIL
M-501 NONE



5 SQUARE ELBOW - DETAIL
M-501 SCALE : NONE

6 SPIN IN FITTING
M-501 SCALE : NONE

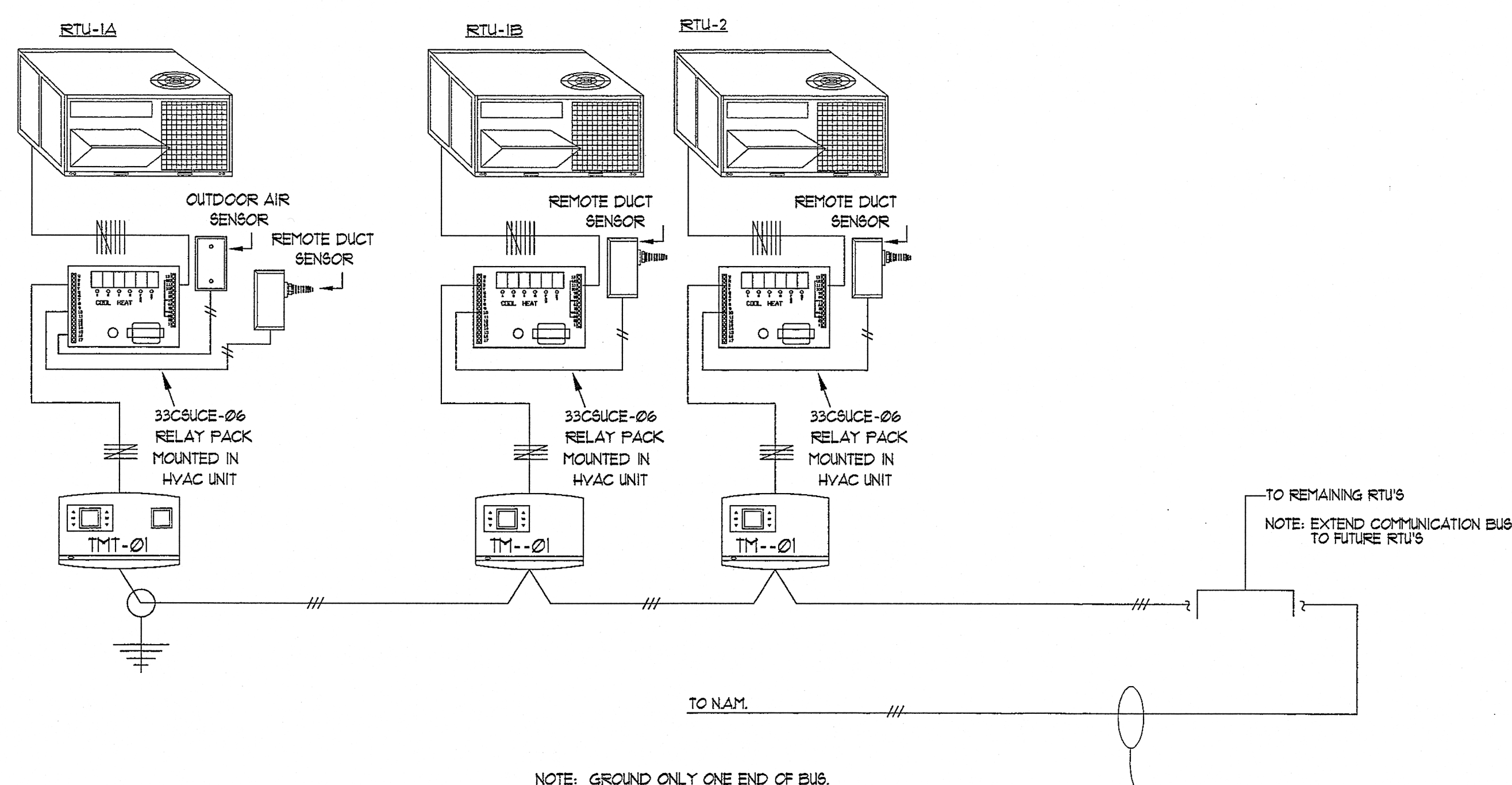
7 ROOFTOP A/C UNIT - DETAIL
M-501 SCALE : NONE



8 ROOFTOP UNIT MOUNTING AND ACOUSTIC PLENUMS - SCHEMATIC
M-501 NONE

LEGEND	
	SQUARE ELBOW WITH DOUBLE THICKNESS TURNING VANES
	SHEET METAL DUCT INTERNALLY INSULATED W/ 1" THICK DUCT LINER
①	THERMOSTAT
②	WALL SWITCH
	SPIN-IN FITTING, INSULATED FLEXIBLE DUCT, SUPPLY DIFFUSER
	SPIN-IN FITTING, INSULATED RIGID ROUND, INSULATED FLEXIBLE ROUND, SUPPLY DIFFUSER
	EXHAUST OR RETURN AIR
	45 DEGREE BRANCH TAKEOFF
	RECTANGULAR TO ROUND TRANSITION
	VOLUME DAMPER

21122 01
AMC
CONSULTING ENGINEERS, INC. PHONE: (770) 980-0581 FAX: (770) 988-5340
1827 POWERS FERRY ROAD BLDG 15, SUITE 100 ATLANTA, GEORGIA 30339



9 TYPICAL TEMP SYSTEM
M-501

Sequence of Operation

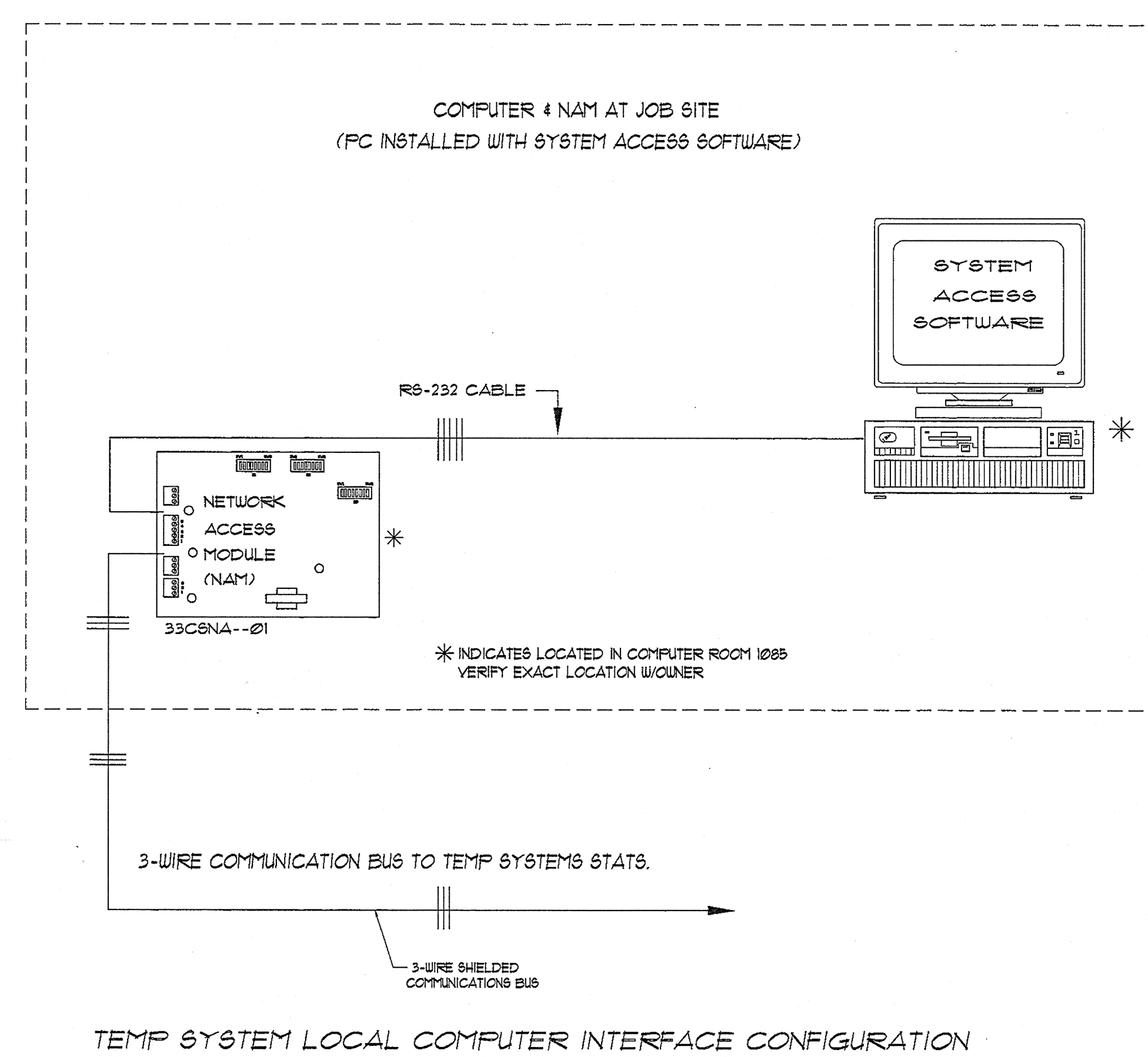
Rooftop Units:

Occupied:

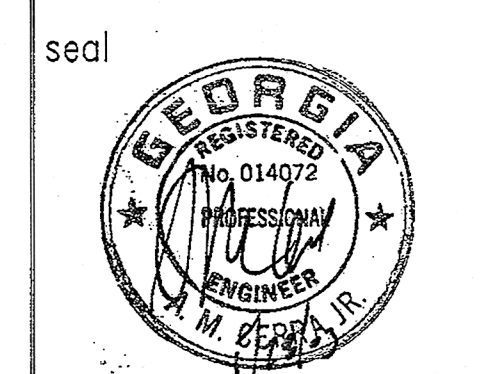
1. Morning warmup for RTU-1A/1B, 2. RTU in heat mode until return air temperature reaches setpoint, set 70°F (adjustable). For RTU's w/economizers the outside air damper to remain closed until return air temperature reaches setpoint.

Unoccupied:

1. RTU's with economizers: Outside air damper closed.
2. RTU operates in response to thermostat setback temperatures.
3. Fan cycles.



for construction
This drawing, as an instrument of service, is and shall remain the property of the Architects and Engineers and shall not be reproduced, published or used in any way without the written permission of the Architect or Engineer.
Copyright © 2001 By
AMC Consulting Engineers, Inc.



John Ware & Associates, Inc.
Architects & Engineers

1954 Airport Road
Suite 100
Atlanta, GA 30341
(770) 451-1921
FAX (770) 457-1920

project
CHURCH IN THE NOW

address
1813 4 1933
IRIS DRIVE
CONYERS, GA
for
COVENANT SERVICES INC
1111 WESLEY WAY
CONYERS, GA

sheet description
DETAILS - HVAC

drawn
checked AMC

job 01-145

date 08/15/02

M-501
of 6