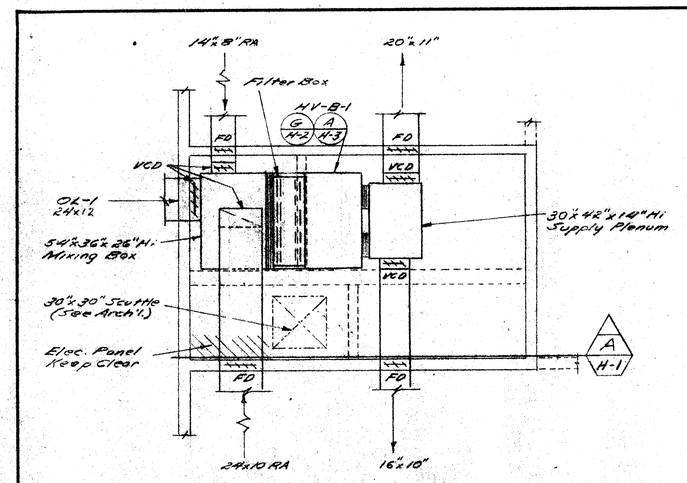
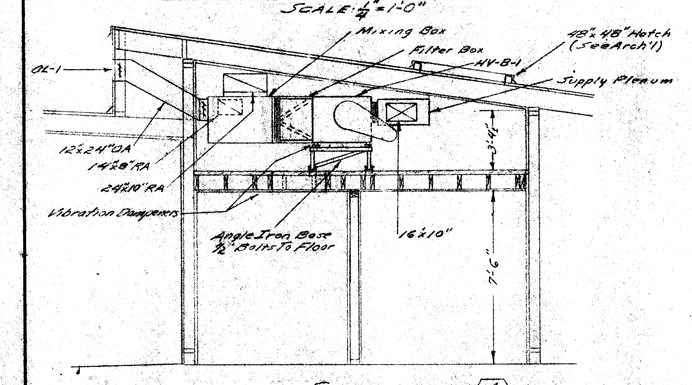
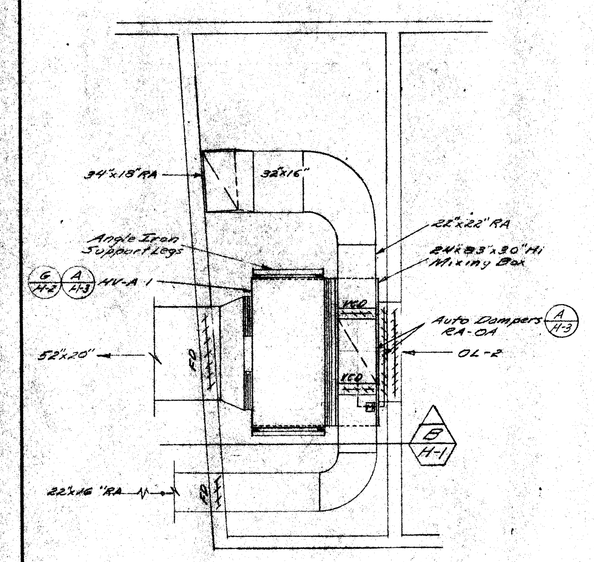


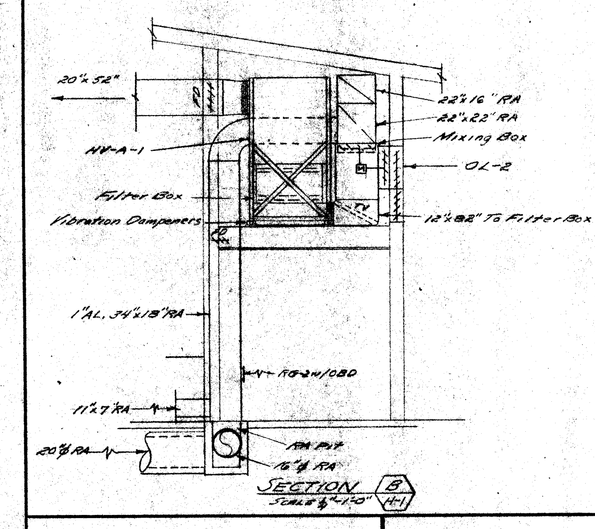
PART PLAN UNIT "B" - FAN ROOM
SCALE: 1/4" = 1'-0"



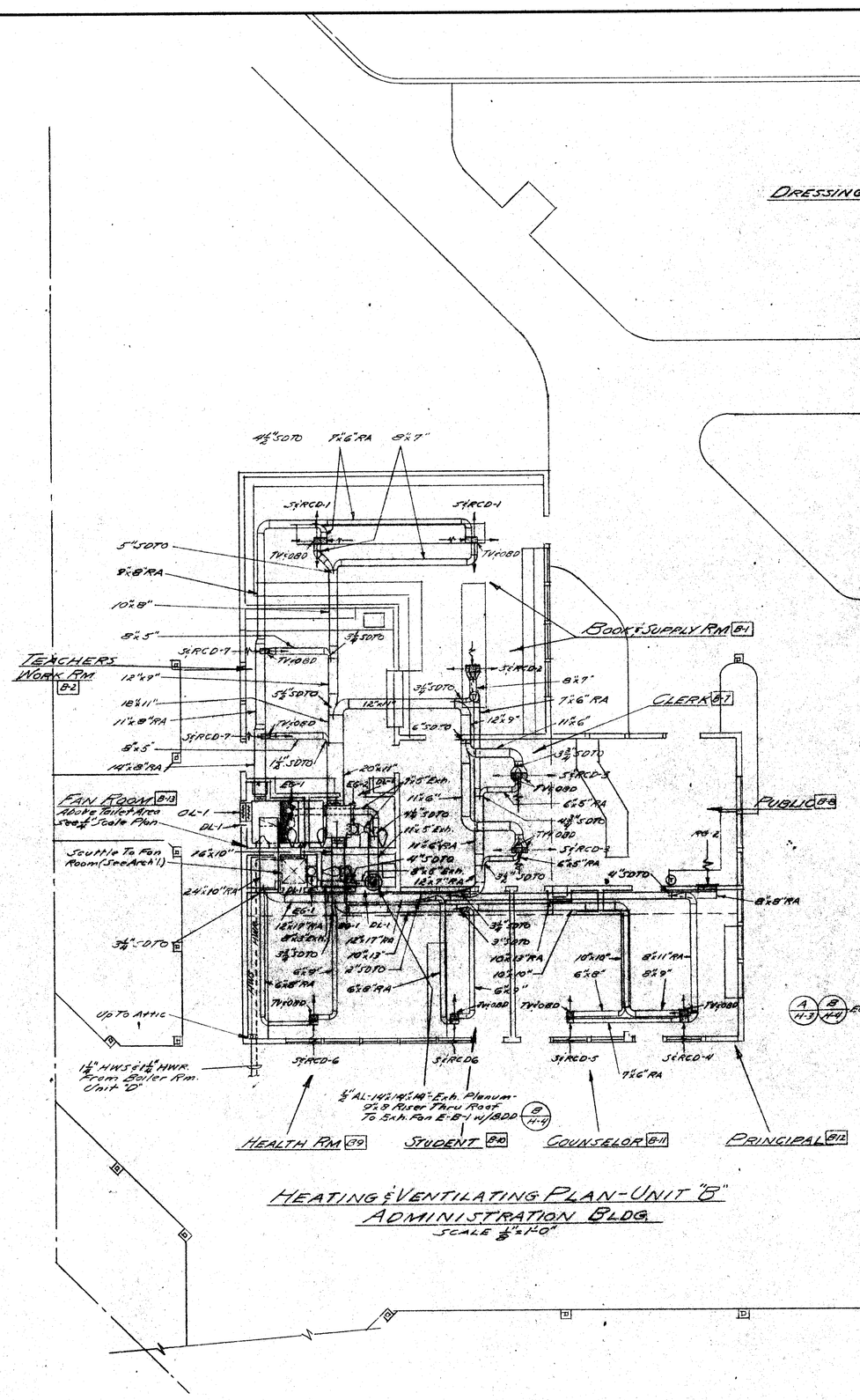
SECTION
SCALE: 1/4" = 1'-0"



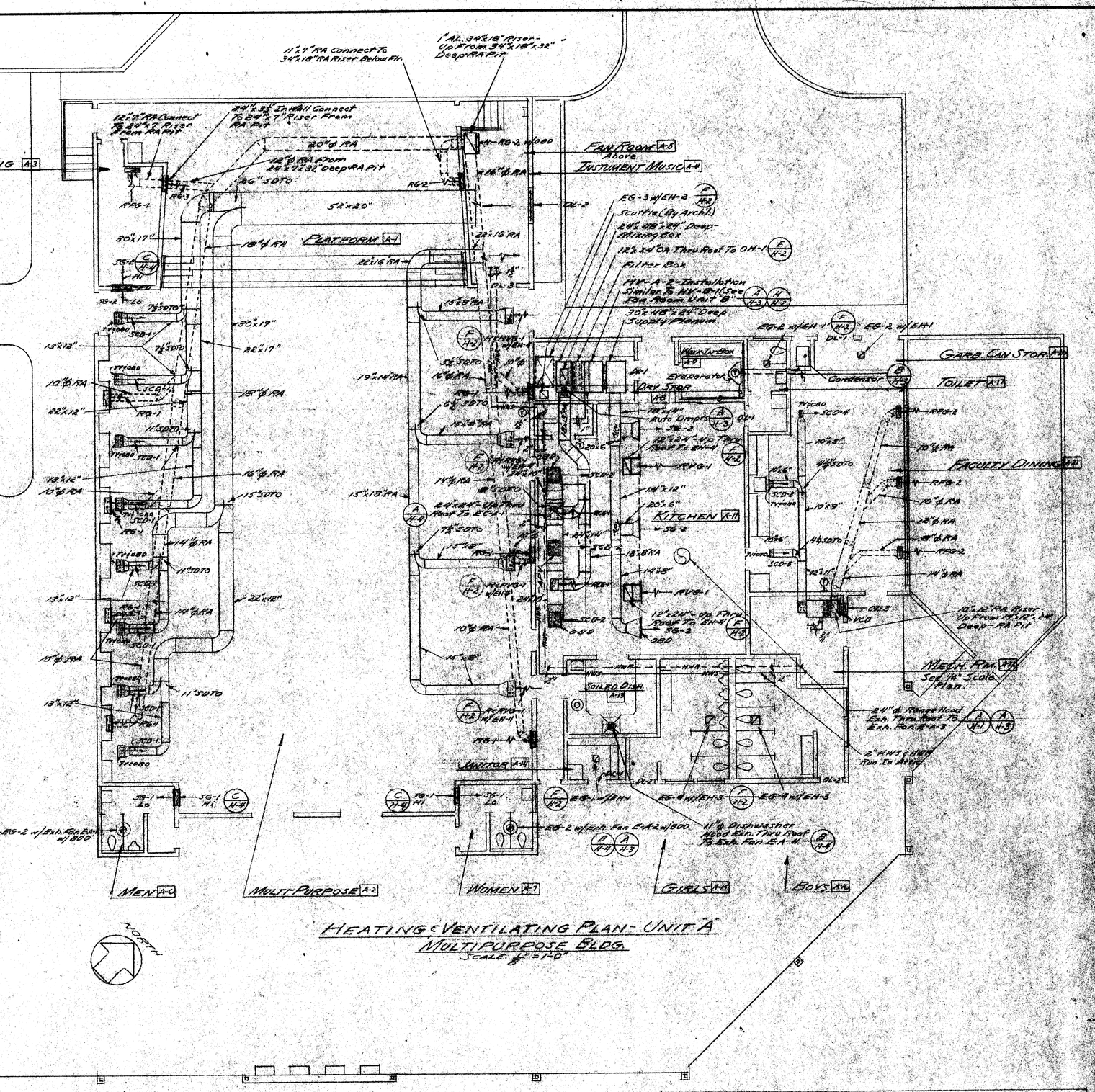
PART PLAN UNIT "A" - FAN RM.
SCALE: 1/4" = 1'-0"



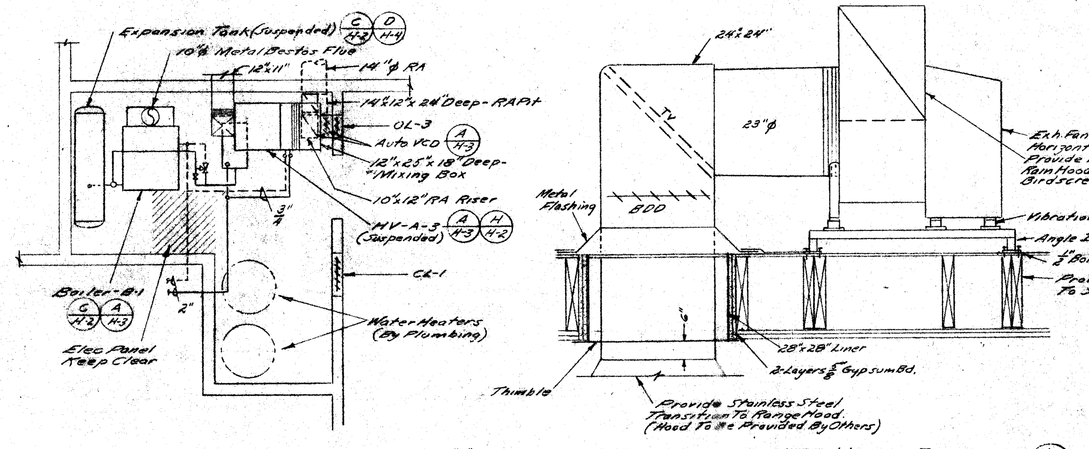
SECTION
SCALE: 1/4" = 1'-0"



HEATING & VENTILATING PLAN - UNIT "B"
ADMINISTRATION BLDG.
SCALE: 1/8" = 1'-0"



HEATING & VENTILATING PLAN - UNIT "A"
MULTI-PURPOSE BLDG.
SCALE: 1/8" = 1'-0"



PLAN - BOILER ROOM - UNIT "A"
SCALE: 1/4" = 1'-0"

DETAIL - RANGE HOOD EXHAUST
NOT TO SCALE

GENERAL NOTES

1. All Floor Mounted Mechanical Equipment (Fans, Conditioning Units, Fan Coils, Compressors, Boilers, etc.) To Be Anchored To Floor With A Minimum Of 4-3/8" Bolts, 3" Cinch Anchors, Or Anchor Bolts, Not To Exceed 3". In Accordance With Manufacturers Recommendations. Equipment Mounting Holes Less Than 3" Shall Be Assumed To Accommodate 3/8" Bolts.
2. All Fusible Link Fire Dampers To Be Accessible Thru Access Panels.
3. All Thermostats Mounted On Outside Walls Or Walls Adjacent To Unheated Rooms Shall Be Mounted On 1" Thick Insulation.
4. All Items Marked (See Arch'l), (By Plumbing) Etc. Are Not To Be Provided Under This Section.
5. Contractor Shall Balance The Water & Air Systems & Mark, Permanently, The Positions On Balancing Cocks & Dampers.
6. For All Structural Reinforcing, Blocking, Base Pads For Equipment, Trenches, Tunnels, Pits & Cover Plates See Structural Dwgs.
7. All Concrete Pipe, Ductwork Etc. Connected To Pits, Trenches, Tunnels Etc. Are To Be Provided In This Section.
8. This Contractor Shall Run Drains From Mech. Equipment And Drain Pans To Floor Sinks. Plumbing Contractor Shall Run All Make-Up Water For Mech. Equipment To Points Indicated On Plans.
9. Fabrication And Material Of All Equipment Supports To Be Provided Under This Section.

LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
HWS	Heating Water Supply	TV	Turning Vanes
HWR	" " Return	OBD	Opposed Blade Damper
SCD-	Supply Ceiling Diffuser	VCD	Volume Control Damper
SG-	Supply Register	FD	Fusible Link Fire Damper
SRCD-	Supply & Return Ceiling Diffuser	SDTD	Splitter Damper Take-Off
		ARV	Air Proportioning Valves
RG-	Return Grille	TCV	Temperature Control Valve
RFG-	" Floor Grille	BDD	Back Draft Damper
R&VG-	Return & Relief Vent Grille		Thermostat
RVG-	Relief Vent Grille	AL	Acoustic Lining (See Spec.)
RCG-	Return Ceiling Grille	NC NO	Normally Closed — Normally Open
EG-	Exhaust Grille		Screw Flange Connections
			Press. Reducing Valve
OH	Outside Air Intake Hood		2-Way Motorized Valves
EH	Exhaust Hood		Gate Valve
	"		Globe "
OL	Outside Air Intake Louver		Check "
CL	Combustion Air Louver		Balancing Cock
DL	Door Louver		Strainer
RV	Relief Vent		Auto Air Vent
RA	Return Air		Radiant Panel Air Vent (See Spec.)
OA	Outside Air		Thermometer, Thermometer Well
			4" Conduit Connection

PLANS - HEATING & VENTILATING UNITS A & B, DETAILS & LEGEND

CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE BEFORE PROCEEDING WITH WORK. REPORT ANY DISCREPANCIES TO THE ARCHITECT.

OFFICE OF SUPERINTENDENT OF SCHOOLS
APPROVED
DATE

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

BAKERSFIELD CITY SCHOOL DIST.
BAKERSFIELD, CALIFORNIA
BOARD OF EDUCATION

APPROVED	DATE

MARK	DATE	REVISIONS
1		
2		
3		
4		
5		

McCANDLESS & WILLIAMS
CONSULT. MECH. ENGINEERS
Reg. No. 2833 Exp. No. 283
2016 MERCED ST., FRESNO, CALIF.
TEL. 8-6208
DATE 2-13-57

DATE
DRAWN
CHECKED

ERNEST L. McCOY A.I.A. ARCHITECT
2611 H STREET
BAKERSFIELD
PHONE FA. 4-8881
CALIFORNIA

C-558
JOB No.

BENTON PARK SCHOOL
WILSON ROAD & BENTON STREET
BAKERSFIELD, CALIFORNIA

SHEET No.
H-1
OF 8 SHEETS