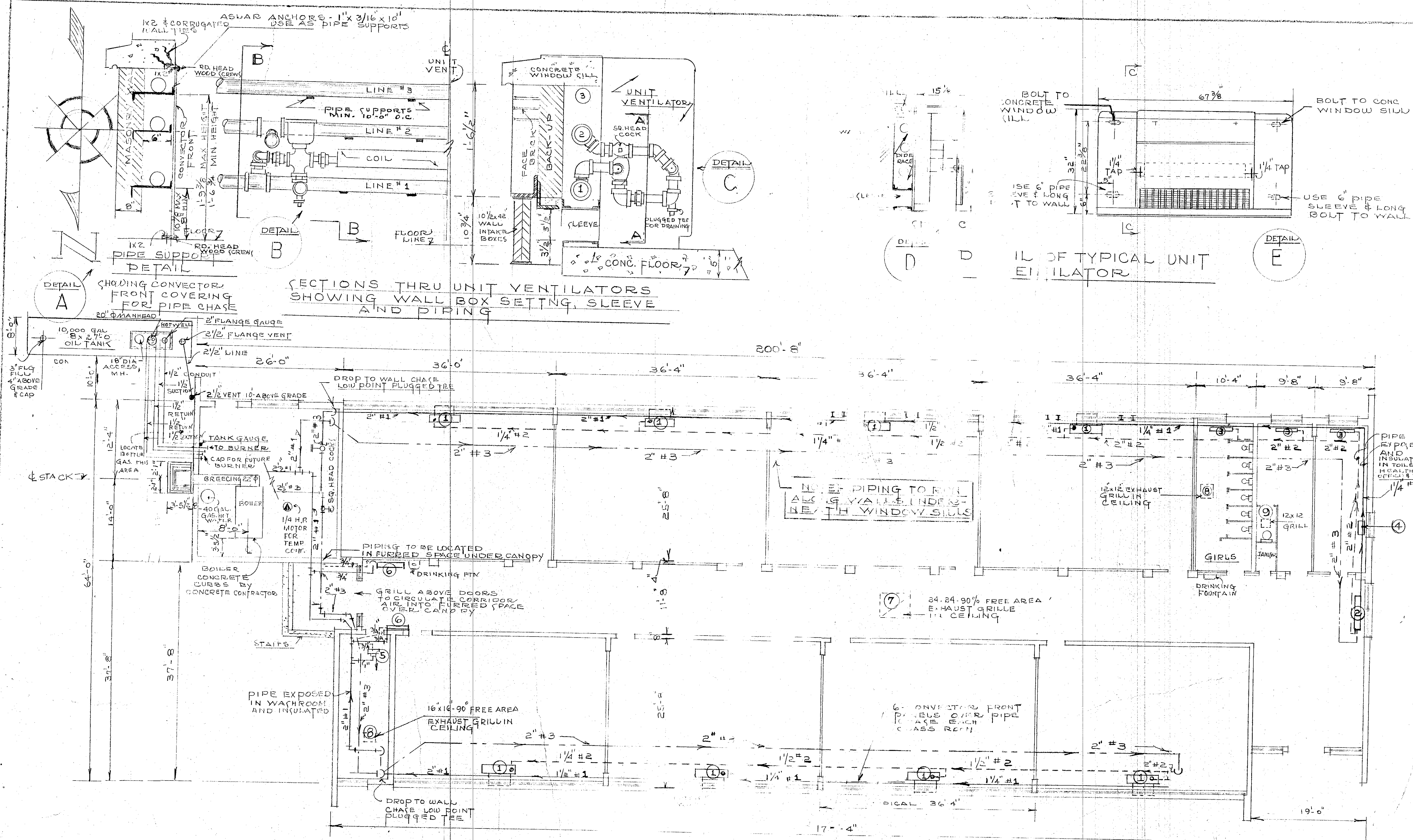




LEGEND - HEATERS & CONVECTORS		
SYMBOL	NO. REQ'D	DESCRIPTION
(1)	8	UNIT VENTILATORS 1250 C.F.M. (ANEMOMETER) 74 M.B.H. IF 6 G.P.M. 220° ENT. WATER 1/8 H.P. MOTOR 10 3/4" x 42" WALL BOX 1/4" PIPING CONNECTIONS UNIT SIZE 150"
(2)	1	CABINET TYPE UNIT HEATER 85.0 M.B.H. 7.8 G.P.M. 220° ENTERING WATER 70° ENT. AIR 11500 C.F.M. 100 R.P.M. FAN 1/4 H.P. MOTOR 1/4" PIPING CONNECTIONS
(3)	3	CONVECTORS 8' x 6' x 32" 18.9 M.B.H. - 3/4" PIPING CONNECTIONS (CAB. TYPE)
(4)	1	CONVECTOR - 6' x 4' x 32" 11.8 M.B.H. 1/2" CONNECTIONS
(5)	1	PROPELLER TYPE UNIT HEATER WITH LOUVER FIN DIFFUSER 25 M.B.H.
(6)	2	8' x 5' 6" x 32" CONVECTORS 20 M.B.H. 3/4" CONNECTIONS (CAB. TYPE)

PIPING LEGEND	
MAIN #1 - HOT WATER SUPPLY	
#2 - HOT WATER RETURN FOR HEATING EQUIP.	
#3 - RETURN TO BOILER	

ROOF VENTILATORS		
SYMBOL	NO. REQ'D	DESCRIPTION
(7)	1	10" ROOF VENTILATOR 1/8 H.P. MOTOR - 850 R.P.M. 1500 C.F.M. @ 1/8" STATIC P. CURB BY ROOF CONT. DIRECT DRIVE - EXHAUST (HALLWAY)
(8)	2	10 3/16" ROOF VENTILATOR 1/30 H.P. MOTOR - 1500 R.P.M. 550 C.F.M. @ 1/8" STATIC P. DIRECT DRIVE - EXHAUST CURB BY ROOF CONT. (GIRLS TOILET) & BOYS
(9)	1	8" MECHANICAL VENTILATOR (HEALTH WASHROOM)

NOTE: PIPING TO RUN ALONG
TOP OF CLASS ROOMS
UNIT HEATH WINDOW SILL - SEE DETAIL (B) & (C) ABOVE
THIS EXPOSED PIPING TO
BE COVERED WITH CONVECTOR
COVERS AS SHOWN IN DETAIL A ABOVE
AND DETAIL (D) HEREIN.

GENERAL NOTES:
1) ALL CLASSROOMS TO HAVE AT
LEAST 1 SQ. FT. FREE AREA LOUVRES
2) TOILET ROOM DOORS WILL HAVE
AT LEAST 1.75 SQ. FT. FREE AREA
TIGHT PROOF LOUVRES

LIBERTY SCHOOL HEATING LAYOUT		SHEET 14 OF 21 5-20-52
CHAS. L. STEED Structural and Design Engineer Chesterton, Indiana		