CONNECT TO HEATER

THERMOVENT UNIT # 300 E
INSTALL SAME AS OTHER SIDE

HOOD

5-7# Walls 35# 14W.

ST 38 - 54# 14W.

5-9# Walls 45# 14W.

28 x 36

3" WATER LINE BOILER

2'5½" 4" I BEAMS

204 PINS

DETAIL OF STACK ROOMS
No Scale

GRILLE 25" X 96"

RUN RETURN PIPE IN 4" STEEL PIPE IN LINE FROM PIT TO BOILER ROOM.

30 x 36

NOTE PIPING MUST CLEAR STAGE CURTAIN & ROPES

5-9# Walls 45# 14W.

ST 38 - 54# 14W.

5-7# Walls 35# 14W.

HOOD Grille 36 x 20

DUCT

THERMOVENT UNIT # 300 E
Grille 30 x 22 COUNTERED OVER DOOR

CONNECT TO HEATER
SUPPLY 2-2" CONNECTIONS
RETURNS 2-1½" "
USE GATE VALVES

A

3" MAIN

BEAM

A LOCATION OF MAIN IN GYM.

DETAIL OF MAINS IN GYM.

RADIATOR TAPPINGS

RAD.	SUPP.	RET.	RISERS
TWO PIPE WORK			
0-45#	1"	¾	1¼ x ¾
46-90#	1¼	¾	1½ x 1
ONE PIPE WORK			
0-50#	1¼	0	1½"
OVER	1½	0	1½"

BASEMENT FLOOR PLAN
¼" Scale

TUNNOTS TO BE RUN ABOVE CEILING

3x12

BOX 12x18x24 12" BUCKET TYPE PROPELLER EXHAUST FAN

ST 38 RAD 75#
LEGENDS 12'.

1" Drip

1½" 1" Drip

2"

1½"

1"

14# WALL

¾ Drip

3x12 TOILET VENT FLUE

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ST 38 RAD 75#
LEGENDS 12'.

1" Drip

1½"

2"

1"

2"

1½"

1"

2"

1½"

1"

3"

1½ Drip

4"

1"

Supply 1½"
Ret. 1"

3"

1½"

1"

120#

1½"

1"

1½" Drip + Vent

3½"

5"

2"

NOTE
INDIRECT STACKS.
TO BE AT LEAST
2'5" FROM BOTTOM
OF PINS TO W.L. OF BOILER

1½"

3½"

¾ Drip

1½"

2"

2½"

GRILLE 25" X 96"

2"

CONNECT TO #3 TACO AT REAR OF BOILER

HOT WATER HEATER

SMOKE FLUE OUTLET FOR HEATER

18" FLUE

3"

5"

5"

5"

6"

6"

2½"

22"

S.N.

9

14" Drip + Vent

22"

#1 Air Valve

2"

4"

3"

1" BLOW OFF PIPE TO DISCHARGE OUTSIDE BLDG WALL

2½"

14"

STACK 3

SUPPLY.	RET.
180# 2"	1½"
100# 1½"	1"

SUPPORTED IN WALL

3"

14 Drip

14"

¾ Drip

14# WALL

1" Drip

3x8 TOILET VENT FLUE

2"

1½"

1" Drip

WOOD OVER URINAL

3x18

3x24 VENT FLUE

Box 18x24x18 12" Basket Type Propellar Exhaust Fan

ST 38 Rad 72#
LEGENDS 12'.

1½"

2"

1"

1½"

1" Drip

1¼ to Loop

¾ Drip

2"

2"

1½"

2"

1½"

2"

1½

2×7"-Walls 35# ea. 70#
14 1/4 V.

5-7# Walls 35# ea 14V.

1½

5-7# Walls 35# ea 14V

CLASS RM # 2

H.G 19X29

H2

H4

V2

Grilles

4x7

TYPE WRIT ER RM.

Grille 26X16

Grille in Deck 420 Sq. In. Area

26X16 Grille

12"V.R. Vent

ST 38" Rad. 75#
1½" V.

2"

1¼ To Wall

CLASS #1

Grille

V1

H2

H1

H.G 19X29

OFFICE

2×7" Wall 35# ea. 70#
14x3/4 V.

5-7# Walls 35# ea.

ST 32" Rad. 65#
1½" V.

FIRST FLOOR PLAN
4" Scale

ST 75# RAD
3# Floor

1½" Floor 2nd Floor

3"

14

Vent in Basement

Drip

2"

2"

3"

3"

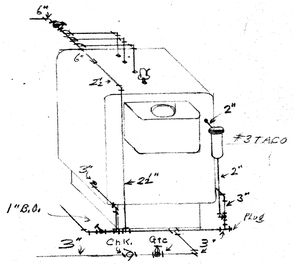
¾"

14

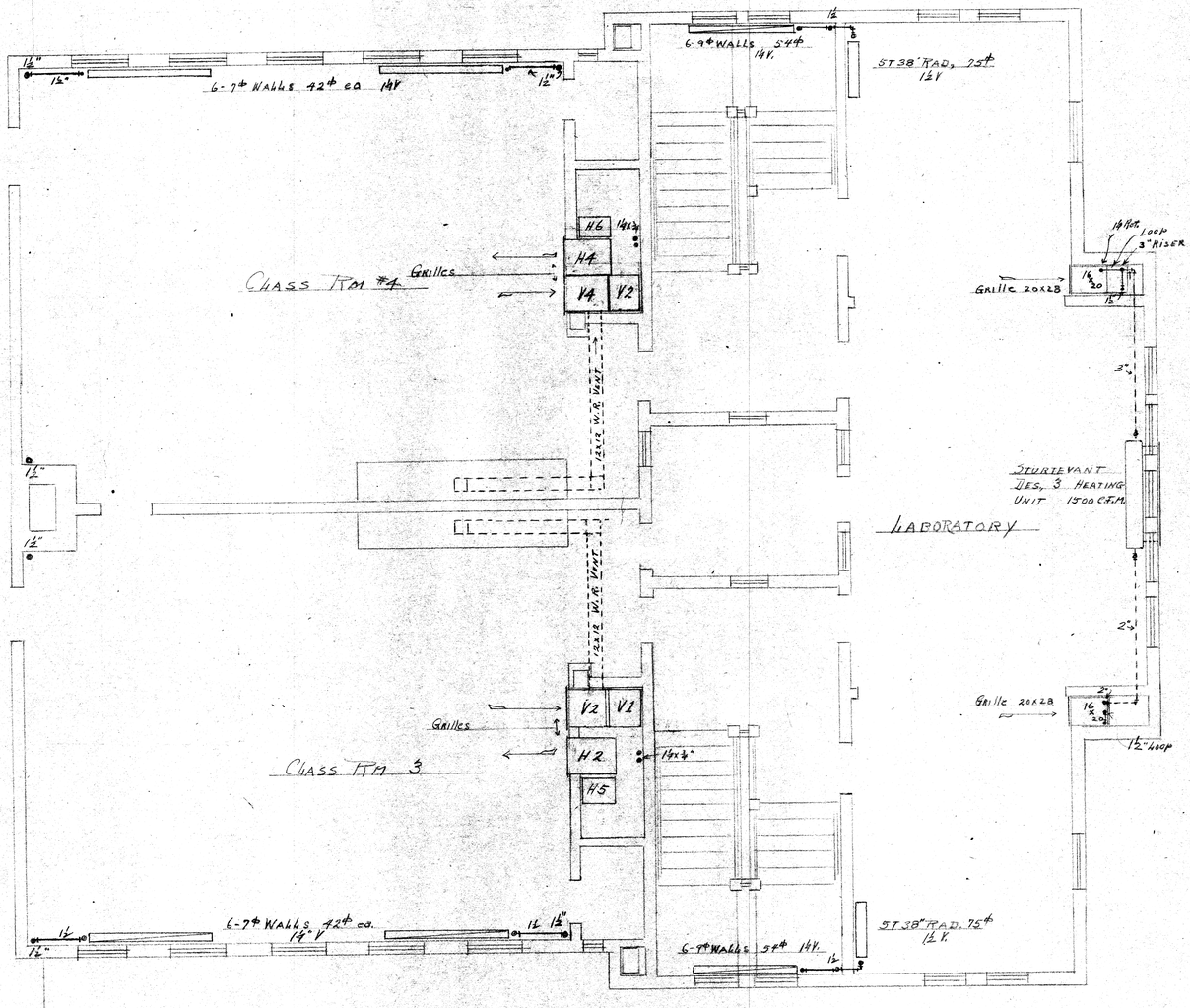
METAL OF VENT DOORS & UNIT HEATER CONNECTIONS FOR CLASS ROOMS AT FRONT OF BUILDING

(2)

HEATING PLANS FOR WESTFORD ACADEMY WESTFORD MASS. H. B. PRESCOTT ARCHT.



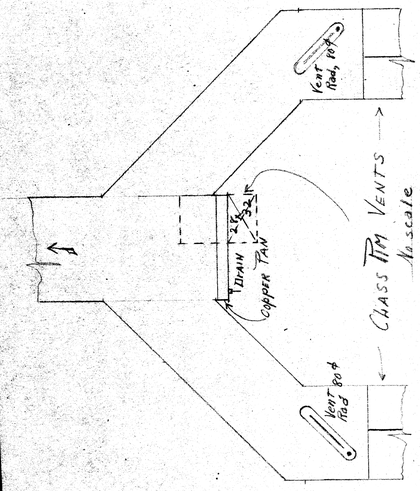
DETAIL OF BOILER CONNECTIONS No Scale

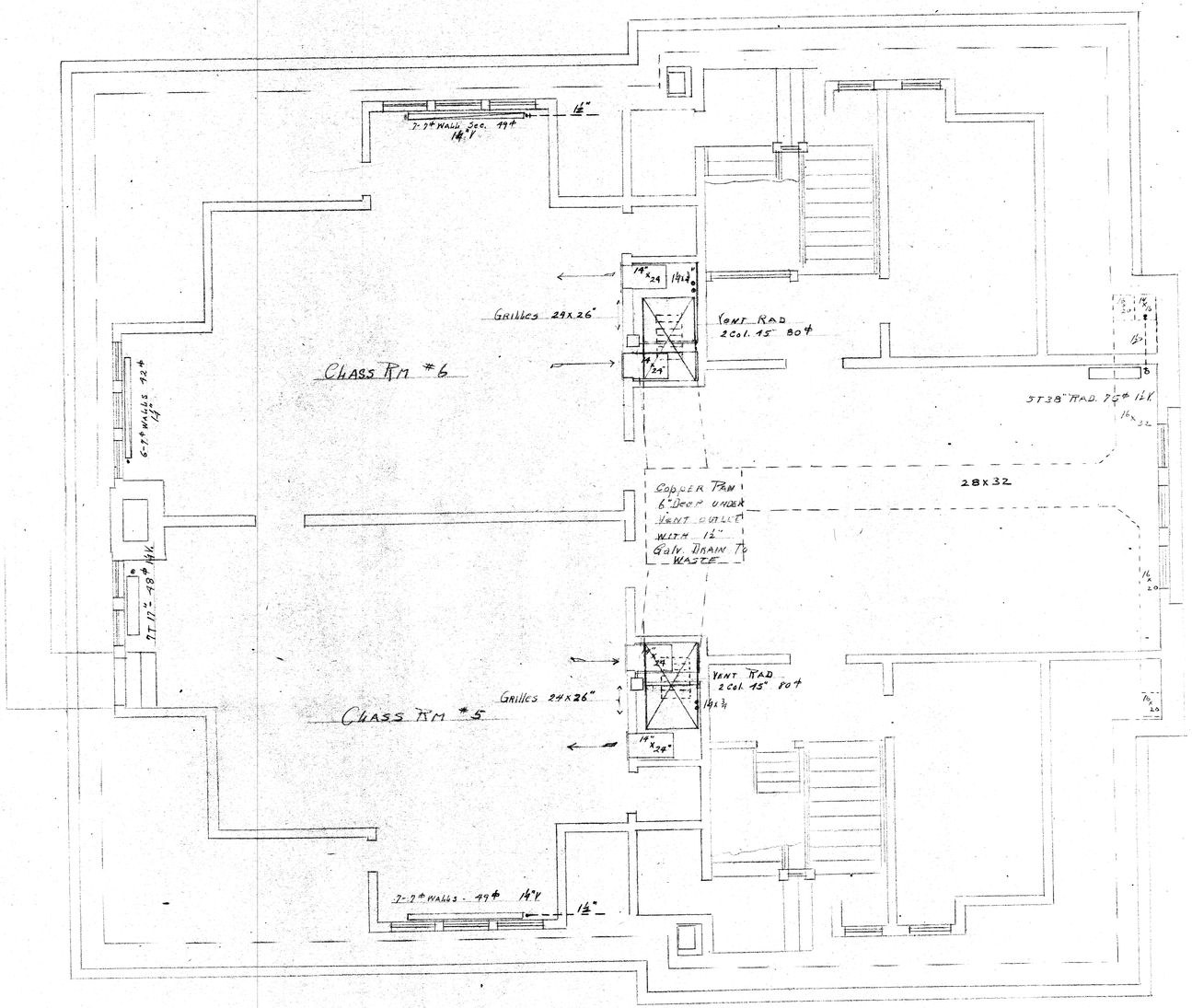


SECOND FLOOR PLAN
4" Scale

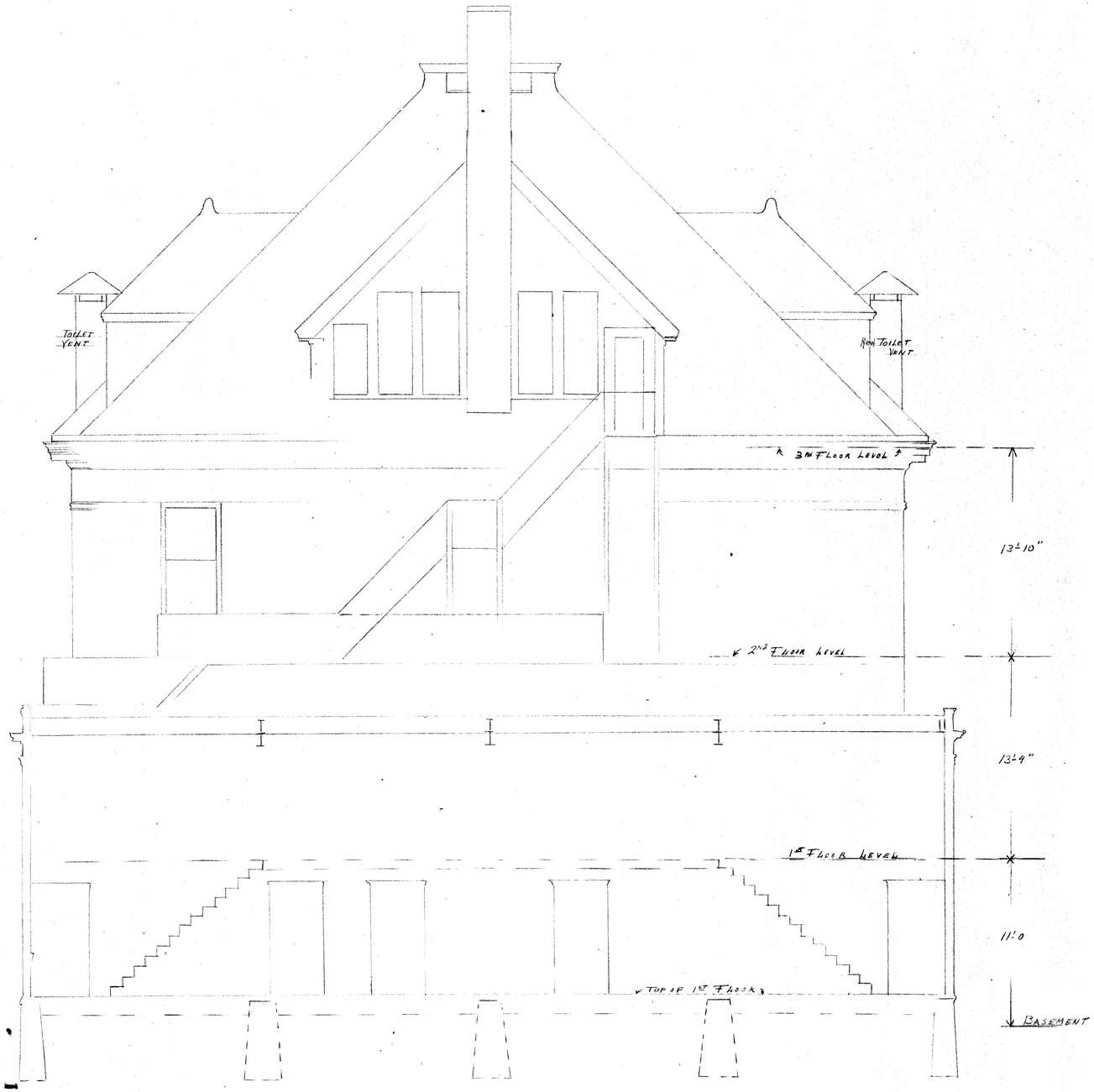
(3)

HEATING PLANS FOR WESTFORD ACADEMY WESTFORD MASS. H. B. PRESCOTT ARCHT.

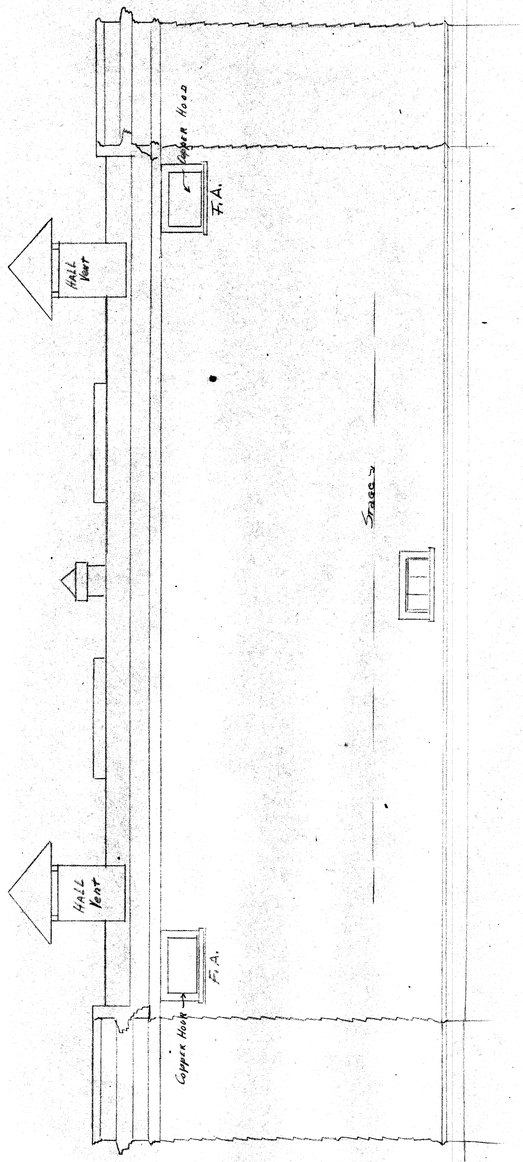




THIRD FLOOR PLAN
¼ Scale



LONGITUDINAL SECTION
1/4" Scale



HALL ELEVATION
1/4" Scale

HEATING PLANS FOR WESTFORD ACADEMY WESTFORD MASS. H. B. PRESCOTT ARCHT.