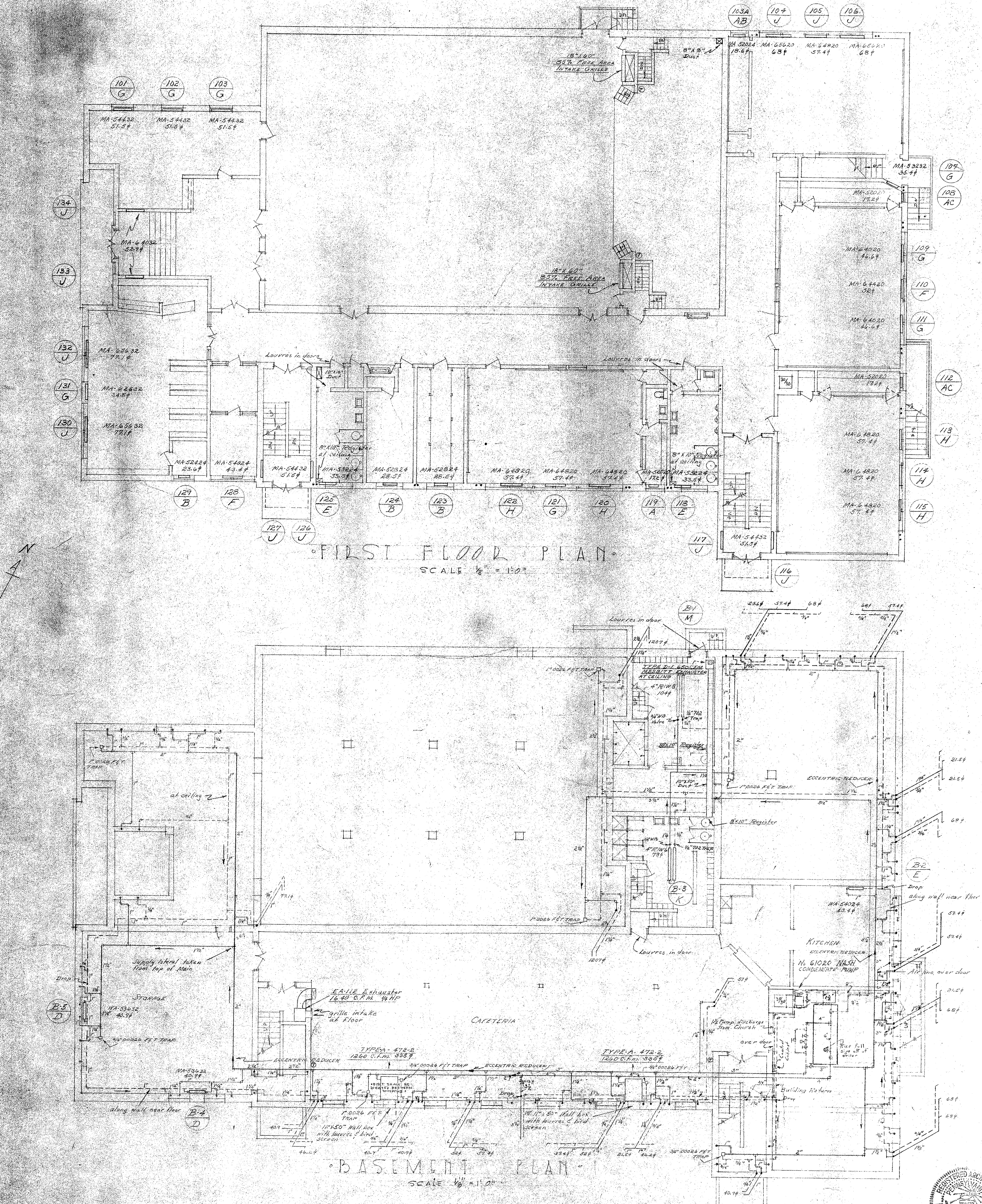

101 G
102 G
103 G
103A AB
104 J
105 J
106 J
107 G
108 AC
109 G
110 F
111 G
112 AC
113 H
114 H
115 H
116 J
117 J
118 E
119 A
120 H
121 G
122 H
123 B
124 B
125 E
126 J
127 J
128 F
129 B
130 J
131 G
132 J
133 J
134 J
MA-54432 51.5#
MA-64032 53.9#
MA-65632 77.1#
MA-62632 34.8#
MA-65632 77.1#
MA-52424 23.6#
MA-54424 43.4#
MA-54632 51.5#
MA-53824 33.5#
MA-52524 28.5#
MA-52824 28.5#
MA-64820 57.4#
MA-52024 18.6#
MA-65620 68#
MA-64820 57.4#
MA-53232 35.4#
MA-52020 17.2#
MA-64020 46.6#
MA-64420 39#
MA-64820 57.4#
MA-54432 51.5#
18"x60" 85% Free Area Intake Grille
8"x8" Duct
Louvres in doors
10"x18" Duct
8"x10" Register at ceiling
FIRST FLOOR PLAN
SCALE 1/8" = 1'-0"
N
B-1 M
B-2 E
B-3 K
B-4 D
B-5 D
Louvres in door
TYPE B-4 RECCO NEBBITT EXHAUSTER AT CEILING
3/4" 00026 F&T TRAP
ECCENTRIC REDUCER
8"x10" Register
at ceiling
Supply lateral taken from top of Main
STORAGE
MA-53632 40.9#
EA-12 Exhauster 1640 C.F.M. 1/4 HP
grille intake at Floor
CAFETERIA
KITCHEN
ECCENTRIC REDUCER
No. 61020 NASH CONDENSATE PUMP
Drop along wall near floor
Air line over door
Pump discharge from Church
Building Return
TYPE A-472-2 1260 C.F.M. 335#
10"x50" Wall box with louvres & bird screen
along wall near floor
BASEMENT PLAN
SCALE 1/8" = 1'-0"

Do not cut pipe from this drawing.
Verify all measurements at building

Baltimore St School

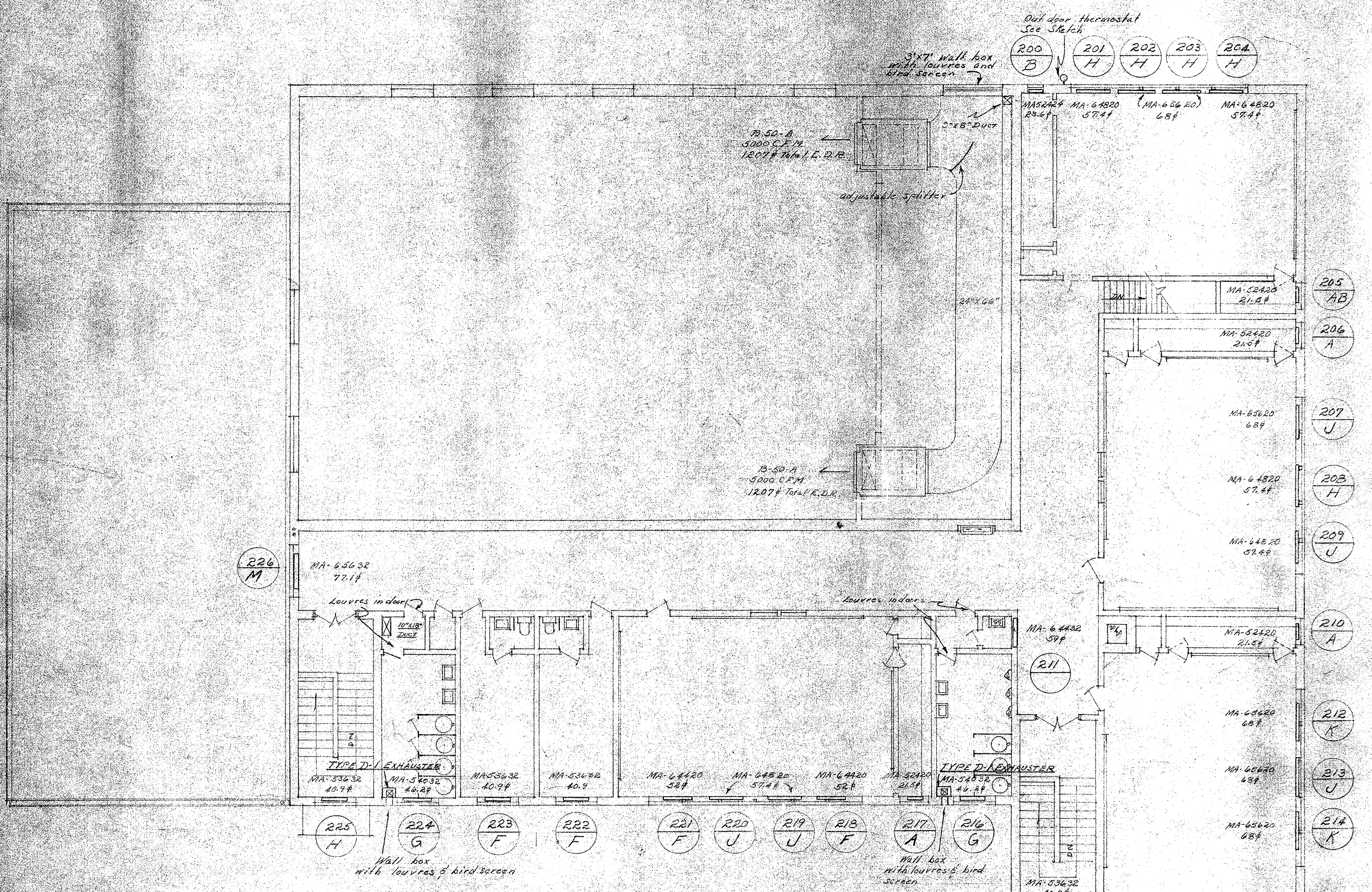
HEATING PLAN

NEW PAROCHIAL SCHOOL FOR
ST. JOSEPH'S PARISH
BALTIMORE STREET
HANOVER PENNA.
MOST REV. GEORGE L. LEECH, TRUSTEE
REV. EDWARD D. O'FLYNN, RECTOR

SHEET NO. H-1
DATE
BY

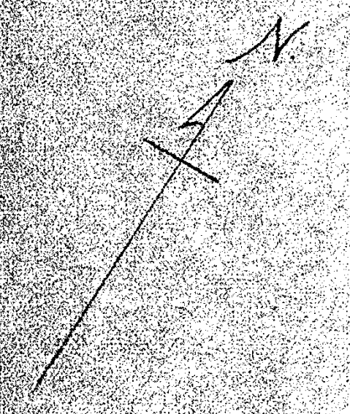
B. E. STARR A. I. A. REGISTERED ARCHITECT
410 N. SECOND ST. HARRISBURG, PA.
PAUL V. LONG REGISTERED ARCHITECT ASSOCIATE

BERNARD E. STARR No. E271
PAUL V. LONG No. A2047


Out door thermostat
See Sketch
3'X7' wall box
with louvres and
bird screen
200
B
201
H
202
H
203
H
204
H
MA52424
23.6#
MA-64820
57.4#
MA-65620
68#
MA-64820
57.4#
B-50-B
5000 C.F.M.
1207# Total E.D.R.
3"x8" Duct
adjustable splitter
24"X66"
DN
205
AB
MA-52420
21.8#
206
A
MA-52420
21.5#
207
J
MA-65620
68#
208
H
MA-64820
57.4#
209
J
MA-64820
57.4#
B-50-A
5000 C.F.M.
1207# Total E.D.R.
226
M
MA-65632
77.1#
Louvres in door
10"x18" Duct
Louvres in doors
MA-64432
59#
211
210
A
MA-52420
21.5#
212
K
MA-65620
68#
213
J
MA-65620
68#
214
K
MA-65620
68#
TYPE D-1 EXHAUSTER
MA-53632
40.9#
MA-54032
46.2#
MA-53632
40.9#
MA-53632
40.9
MA-64420
52#
MA-64820
57.4#
MA-64420
52#
MA-52420
21.5#
TYPE D-1 EXHAUSTER
MA-54032
46.2#
MA-53632
40.9#
225
H
224
G
223
F
222
F
221
F
220
J
219
J
218
F
217
A
216
G
215
H
Wall box
with louvres & bird screen
Wall box
with louvres & bird
screen

SECOND FLOOR PLAN

SCALE 1/8" = 1'0"



Do not cut pipe from this drawing
verify all measurements at building

BERNARD E. STARR No. E271

PAUL V. LONG No. A2047

HEATING PLAN

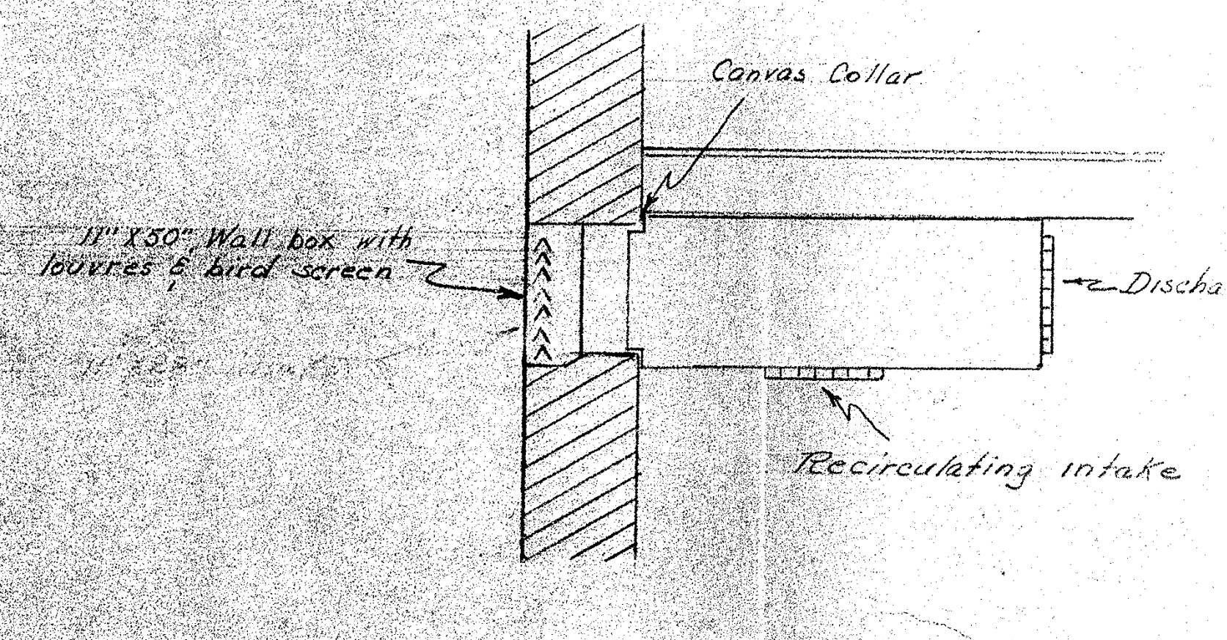
NEW PAROCHIAL SCHOOL FOR
ST. JOSEPH'S PARISH
BALTIMORE STREET
HANOVER PENNA.
MOST REV. GEORGE L. LEECH, TRUSTEE
REV. EDWARD D. O'FLYNN, RECTOR.

SHEET NO.
H-2

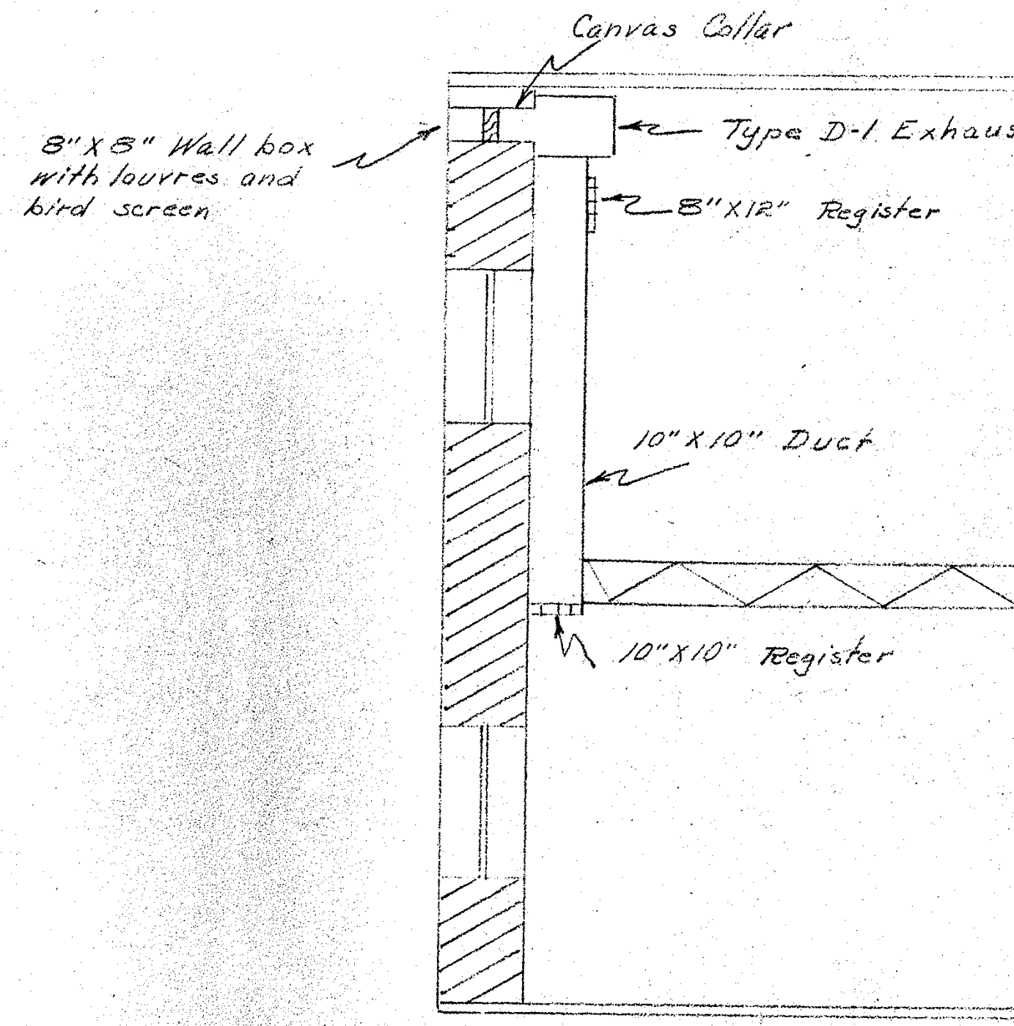
DATE

BY

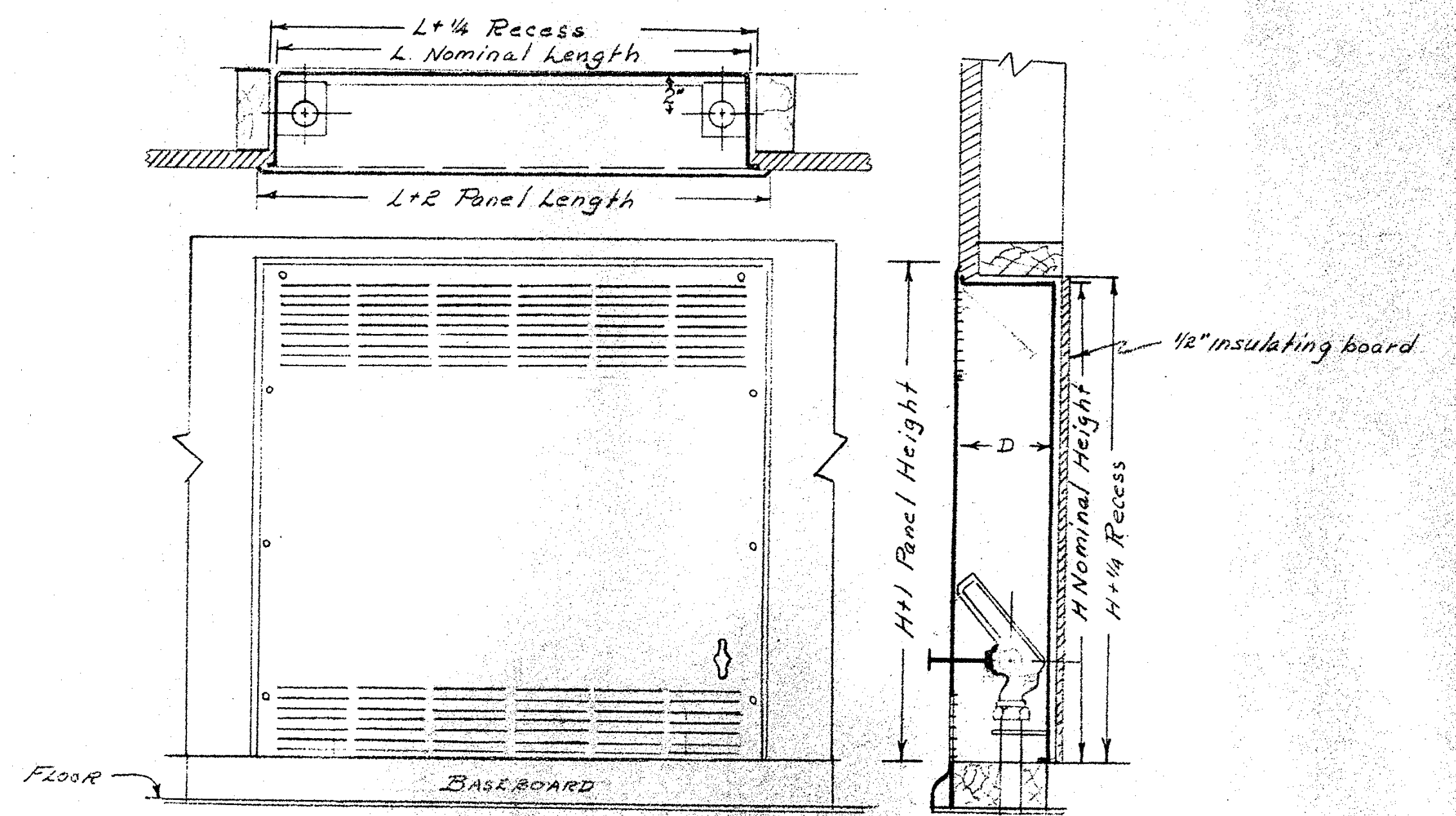
B. E. STARR A. I. A. REGISTERED ARCHITECT
410 N. SECOND ST. HARRISBURG, PA.
PAUL V. LONG REGISTERED ARCHITECT ASSOCIATE


Canvas Collar
11"X50" Wall box with louvres & bird screen
Discharge grille
Recirculating intake

SKETCH OF UNIT VENTILATORS IN CAFETERIA
(NO SCALE)


Canvas Collar
8"X8" Wall box with louvres and bird screen
Type D-1 Exhauster
8"X12" Register
10"X10" Duct
10"X10" Register

SKETCH OF LAVORATORY EXHAUSTER
(NO SCALE)


L+¼ Recess
L Nominal Length
2"
L+2 Panel Length
H+1 Panel Height
D
H Nominal Height
H+¼ Recess
½" insulating board
FLOOR
BASEBOARD

SIZE OF RECESS

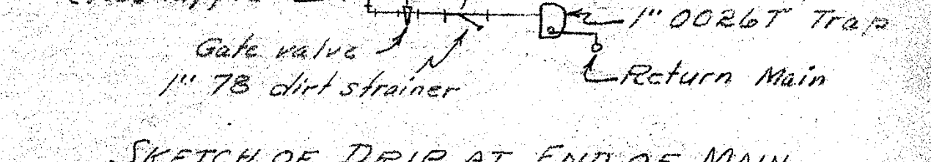
DEPTH = D+⅛
LENGTH = L+¼
HEIGHT = H+¼

All radiators are designed for ¾" steam supply and ½" return connections extending vertically to a height of 1¾" above bottom of cabinet. Valve & Trap are built into header.

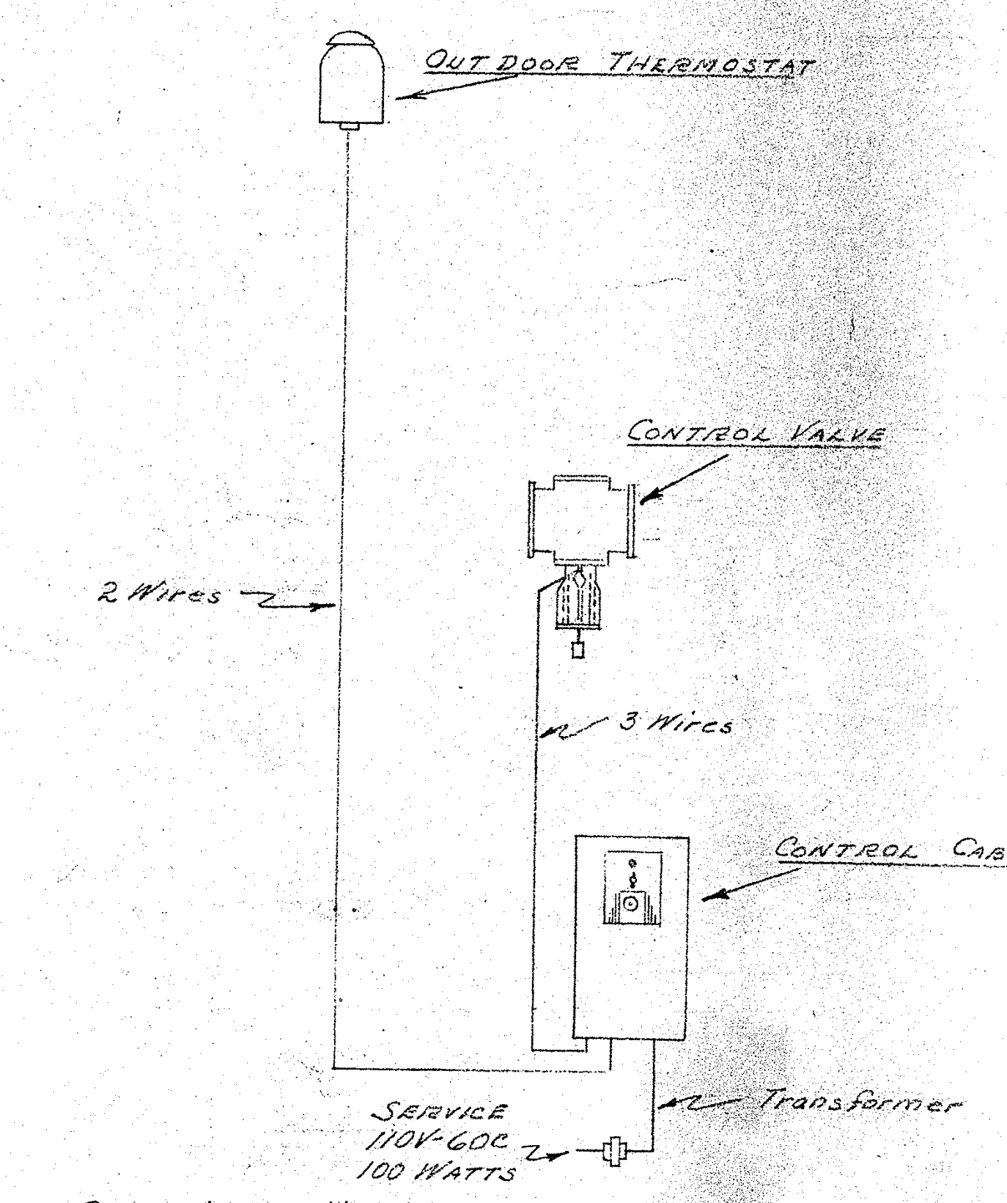
DIMENSIONS		
D NOMINAL	5	6
D ACTUAL	4⅞	6
L	20-24-28-32-36-40-44-48-56	
H	20-24-32	

All dimensions are in inches subject to slight variation.

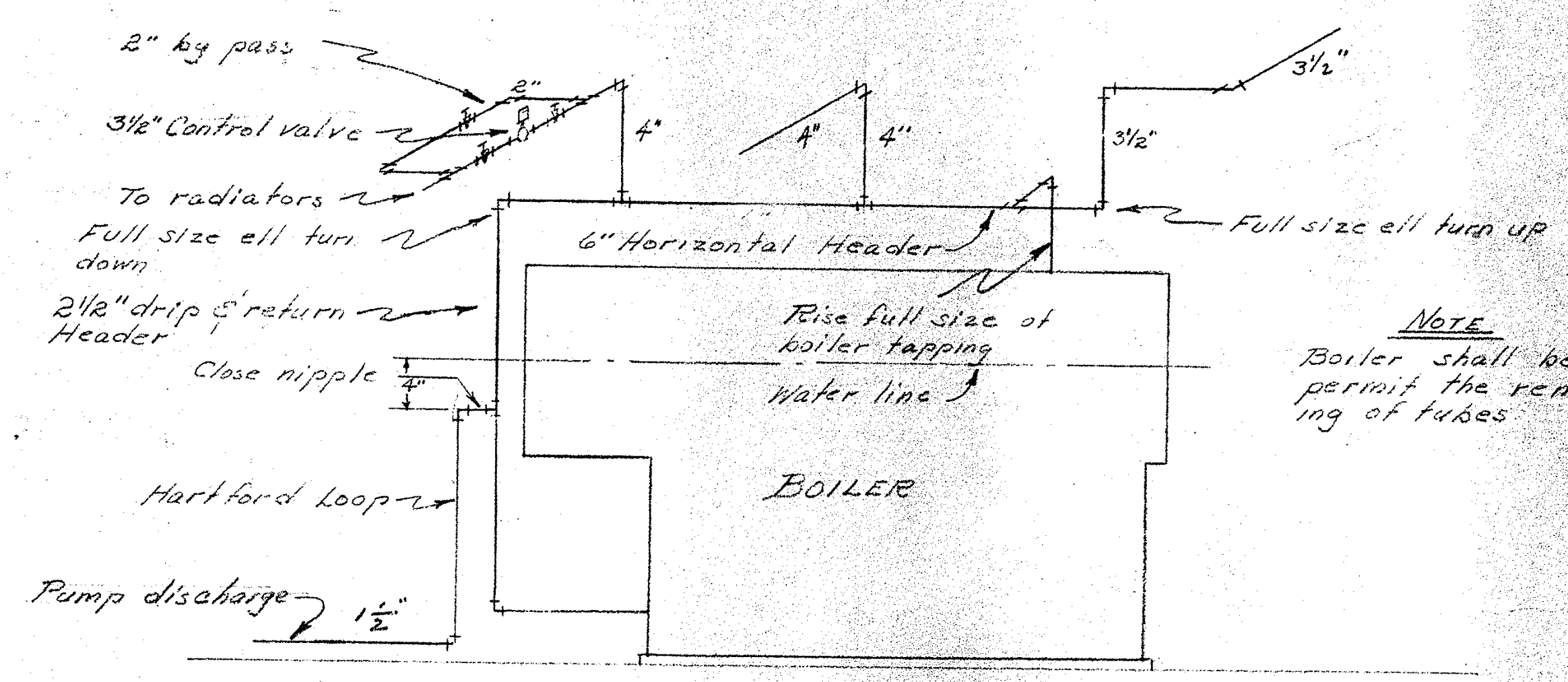
SKETCH OF RECESS CONVECTOR
(NO SCALE)


Supply Main
Reducing ell
Close nipple
1"
1" 0026T Trap
Gate valve
1" 78 dirt strainer
Return Main

SKETCH OF DRIP AT END OF MAIN
(No Scale)

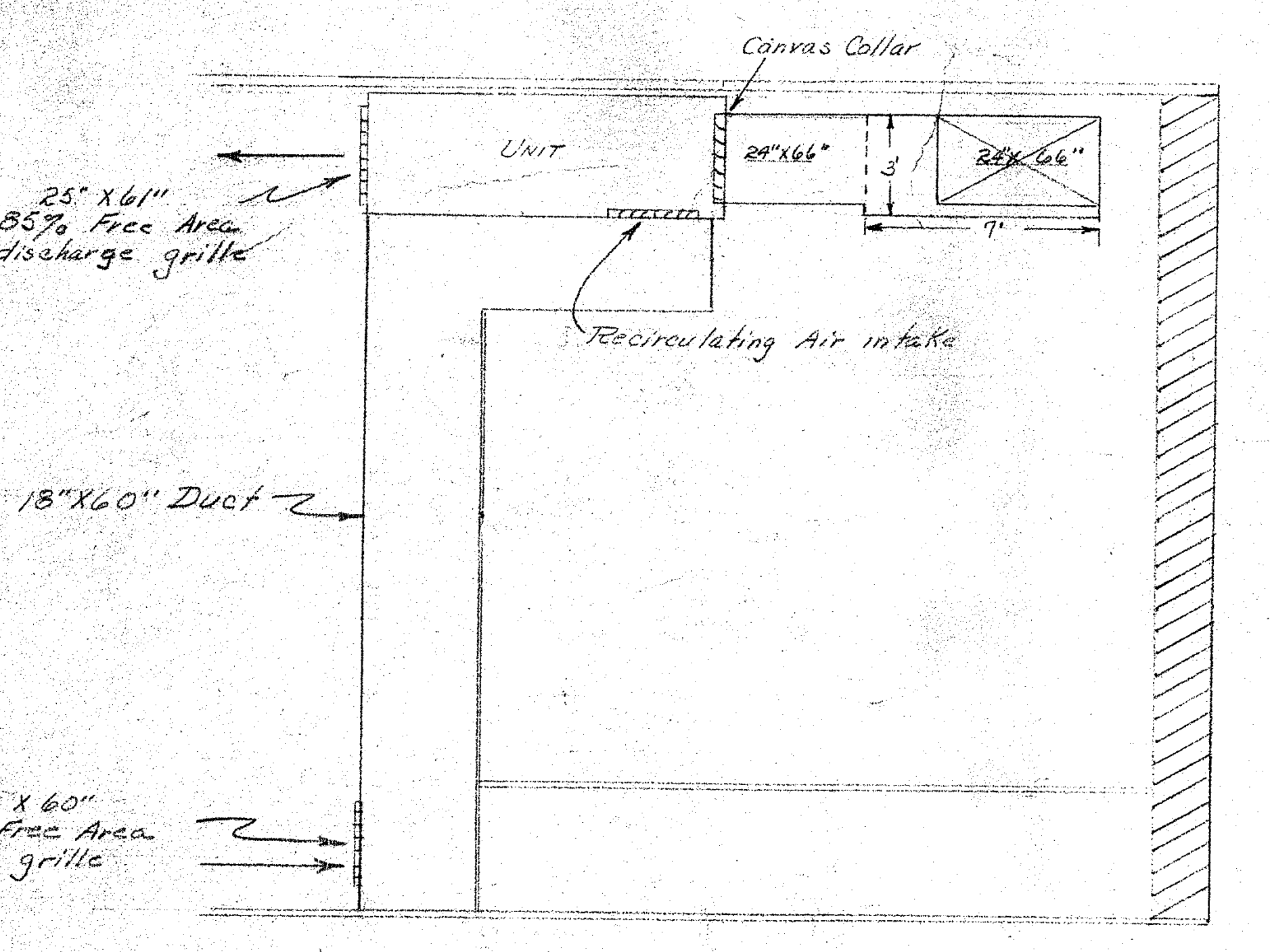

OUT DOOR THERMOSTAT
CONTROL VALVE
2 Wires
3 Wires
CONTROL CABINET
Transformer
SERVICE 110V-60C 100 WATTS

SKETCH OF WIRING FOR E-6 MODERATOR CONTROL

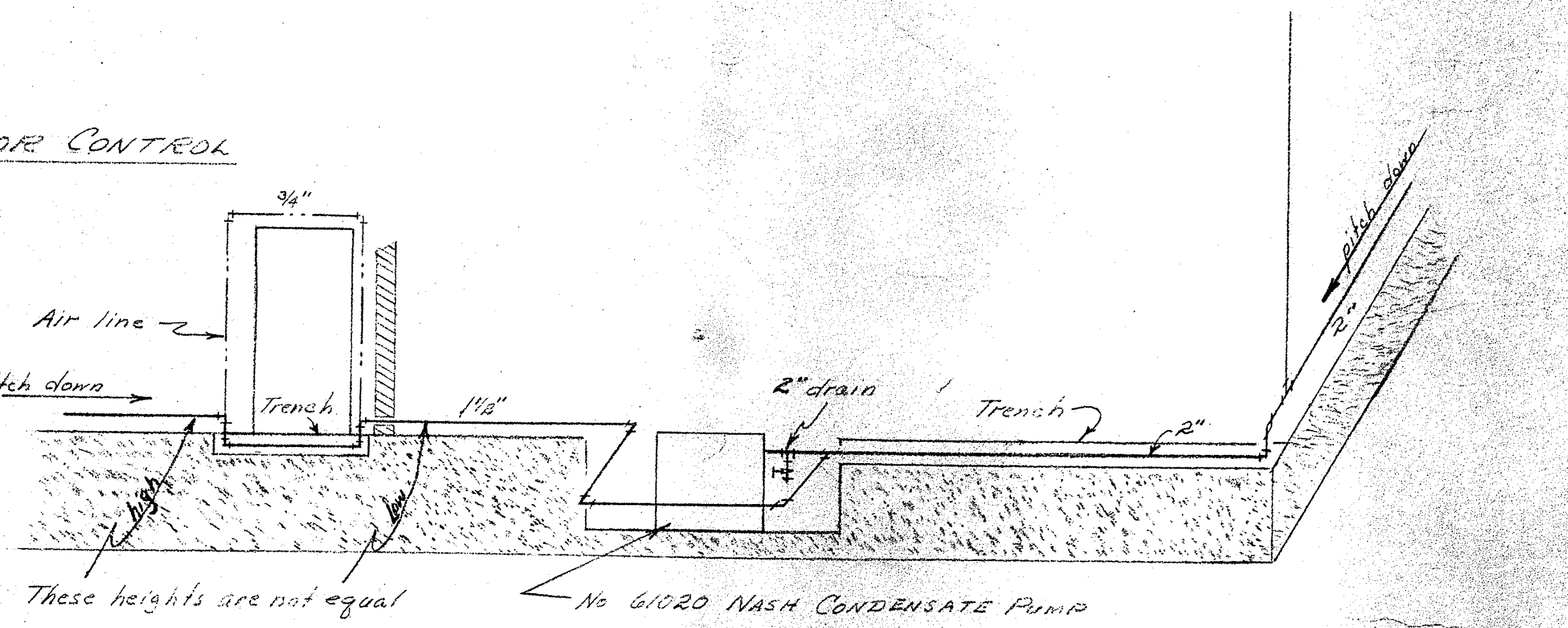

2" by pass
2"
3½" Control valve
4"
4"
4"
3½"
3½"
To radiators
Full size ell turn down
6" Horizontal Header
Full size ell turn up
2½" drip & return Header
Rise full size of boiler tapping
Water line
Close nipple
4"
BOILER
Hartford Loop
Pump discharge
1½"

NOTE
Boiler shall be located as to permit the removal or installing of tubes

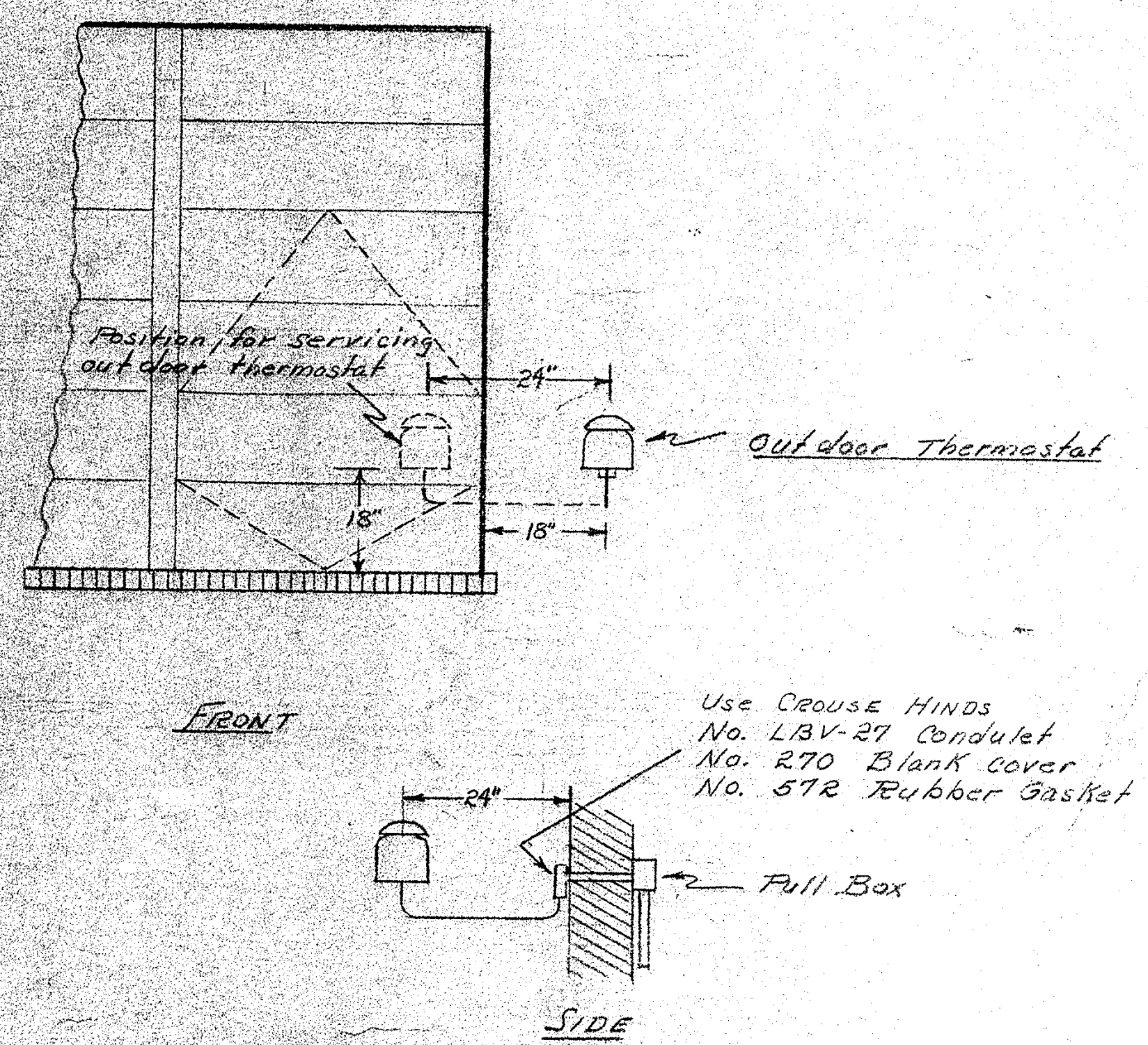
SKETCH OF DRIPPING STEAM HEADER ON BOILER
(No Scale)


Canvas Collar
UNIT
24"X66"
3'
24"X66"
7'
25"X61" 85% Free Area discharge grille
Recirculating Air intake
18"X60" Duct
18"X60" 85% Free Area Intake grille

SKETCH OF DUCTS TO UNIT VENTILATORS IN AUDITORIUM
(NO SCALE)


¾"
Air line
pitch down
Trench
1½"
2" drain
Trench
2"
pitch down
2"
high
low
These heights are not equal
No 61020 NASH CONDENSATE PUMP

SKETCH OF RETURNS AROUND CONDENSATE PUMP
(NO SCALE)

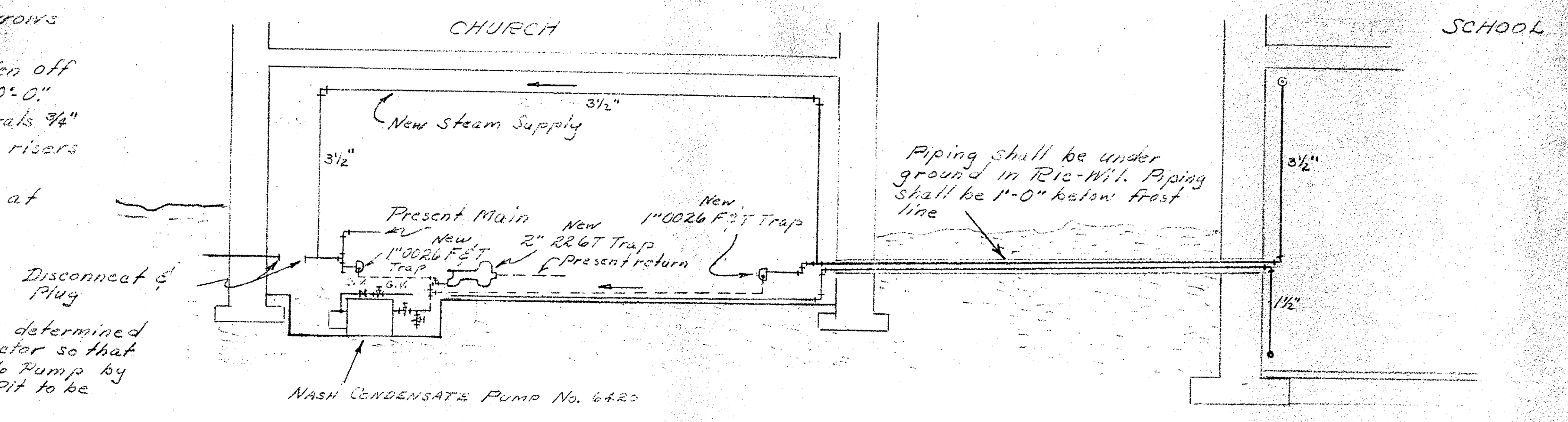

Position for servicing out door thermostat
24"
Out door Thermostat
18"
18"
FRONT
Use CROUSE HINDS No. LBV-27 Condulet No. 270 Blank cover No. 572 Rubber Gasket
24"
Pull Box
SIDE

SKETCH OF LOCATING OUTDOOR THERMOSTAT
(No Scale)

NOTES

All supply and return mains to **grade** in direction of arrows approximately 1" in 20'-0."
All connections from mains to risers and rads shall be taken off the top and shall pitch down toward mains at least 2" in 10'-0."
All supply laterals to 1st floor rads. to be 1", & return laterals ¾"
All supply risers to be 1" unless otherwise noted, all return risers to be ¾" unless otherwise noted.
All laterals from risers to rads to grade down toward risers at least 2" in 10'-0."
All piping to be reamed & cleaned before assembly.
Ⓣ denotes thermostat.

Depth of Pit to be determined by Heating Contractor so that returns will flow to Pump by gravity. Floor of Pit to be concrete 4" thick.

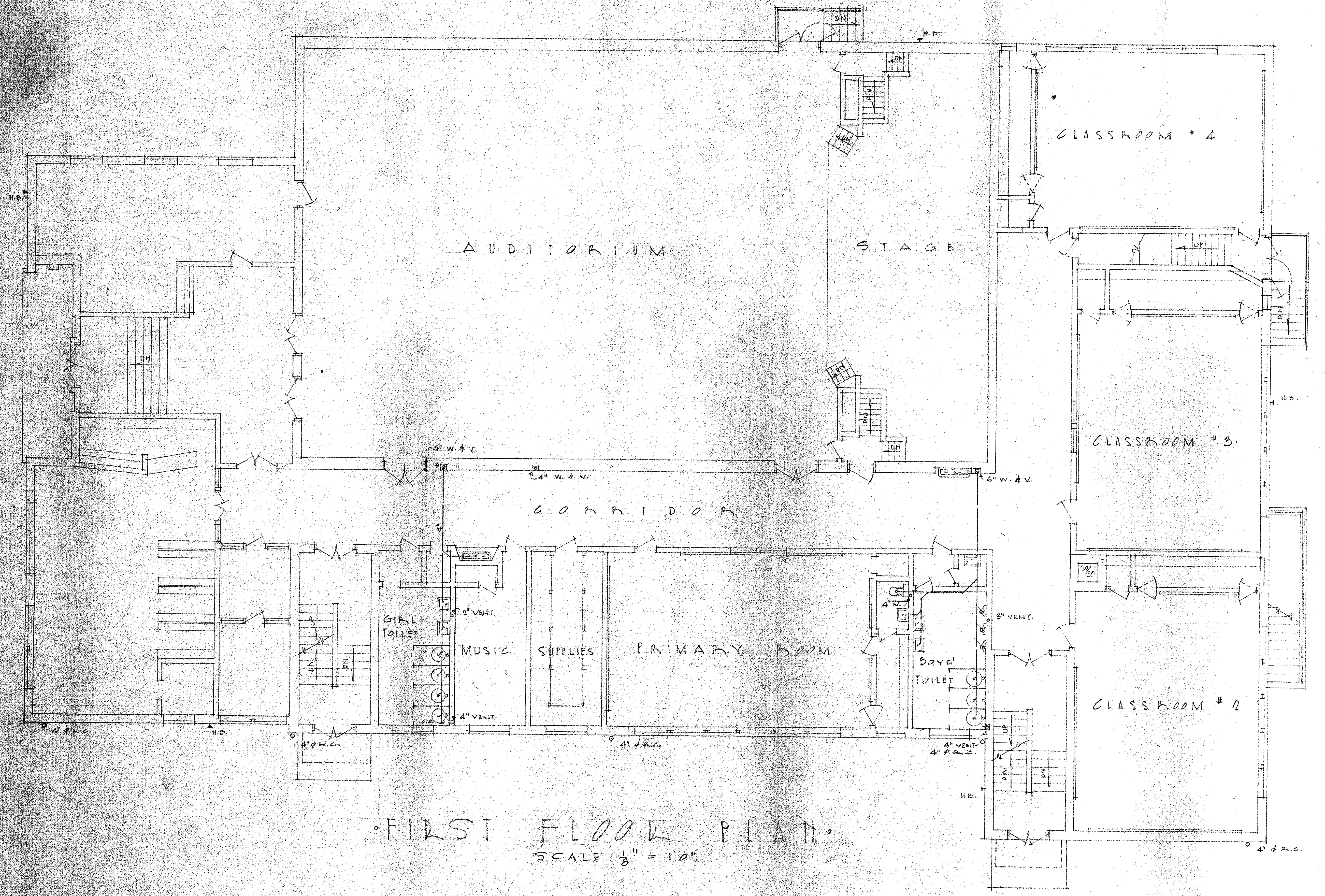

CHURCH
SCHOOL
3½"
New Steam Supply
3½"
Present Main
New 1" 0026 F&T Trap
New 2" 226T Trap
Present return
New 1" 0026 F&T Trap
Disconnect & Plug
G.V.
Piping shall be under ground in Ric-Wil. Piping shall be 1'-0" below frost line
3½"
1½"
NASH CONDENSATE PUMP No. 6420

DIAGRAMMATIC ARRANGEMENT OF CONNECTING NEW SUPPLY MAIN
TO PRESENT HEATING SYSTEM
NO SCALE

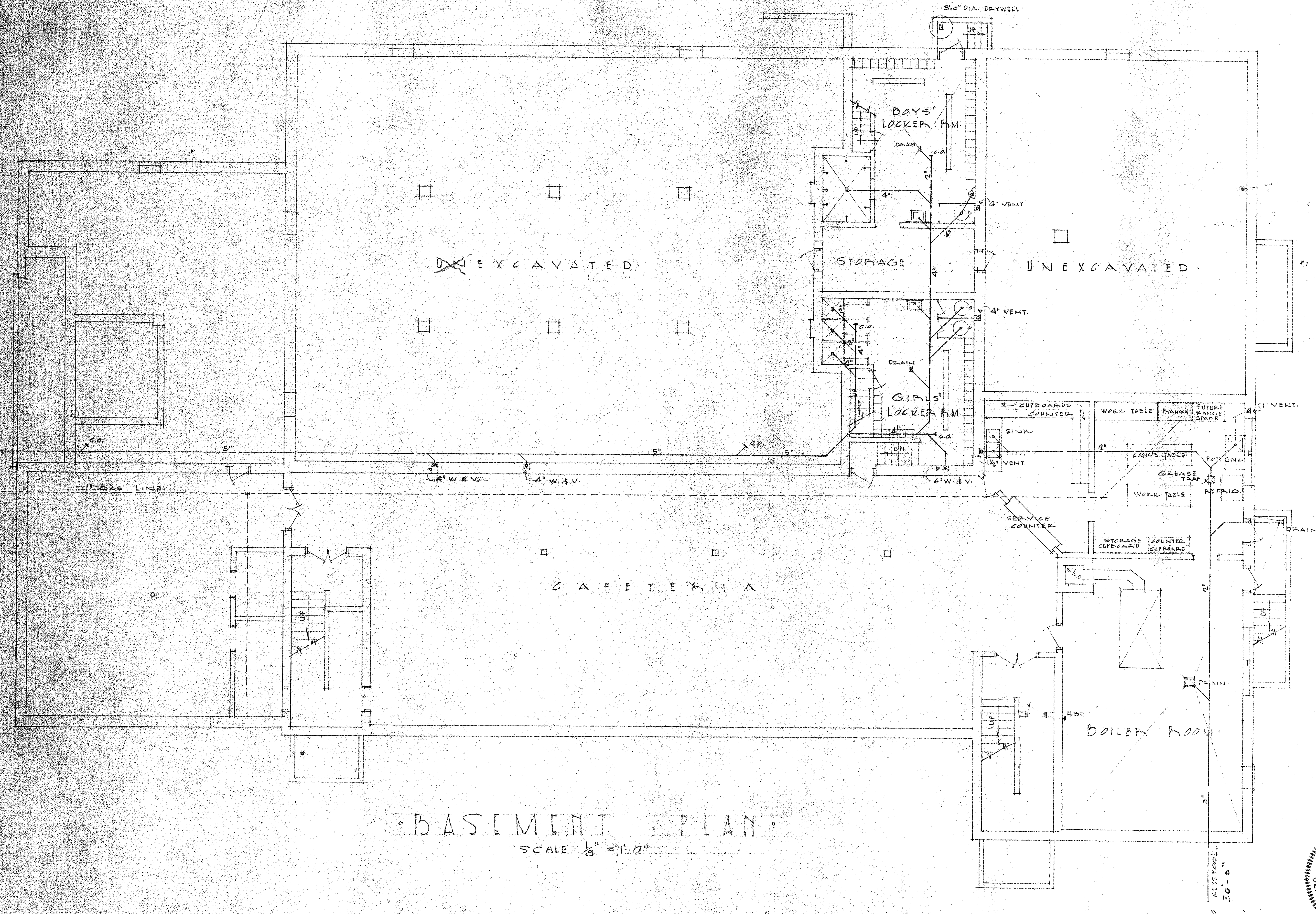
HEATING PLAN.
NEW PAROCHIAL SCHOOL FOR
ST JOSEPH'S PARISH
BALTIMORE STREET.
HANOVER PENNA.
MOST REV. GEORGE L. LEECH, TRUSTEE.
REV. EDWARD D. O'FLYNN, RECTOR.

SHEET NO.
H-3
DATE
BY

B. E. STARR A. I. A. REGISTERED ARCHITE
410 N. SECOND ST. HARRISBURG, P
PAUL V. LONG REGISTERED ARCHITECT ASSOCIATE


AUDITORIUM
STAGE
CLASSROOM #4
CLASSROOM #3
CLASSROOM #2
CORRIDOR
GIRL TOILET
MUSIC
SUPPLIES
PRIMARY ROOM
BOYS' TOILET
H.B.
4" W. & V.
2" VENT
4" VENT
3" VENT
4" V.
4" VENT
4" & R.C.
DN
UP

FIRST FLOOR PLAN
SCALE 1/8" = 1'0"


3'-0" DIA. DRYWELL
BOYS' LOCKER RM.
DRAIN
C.O.
4" VENT
STORAGE
GIRLS' LOCKER RM.
~~UN~~EXCAVATED
UNEXCAVATED
5"
1" GAS LINE
4" W. & V.
CUPBOARDS COUNTER
SINK
1½" VENT
WORK TABLE
RANGE
FUTURE RANGE SPACE
1" VENT
COOK'S TABLE
POT SINK
GREASE TRAP
REFRIG.
WORK TABLE
SERVICE COUNTER
STORAGE CUPBOARD
COUNTER CUPBOARD
CAFETERIA
BOILER ROOM
H.B.
DRAIN
2"
3"
TO CESSPOOL 30'-0"
UP
DN

BASEMENT PLAN
SCALE 1/8" = 1'0"

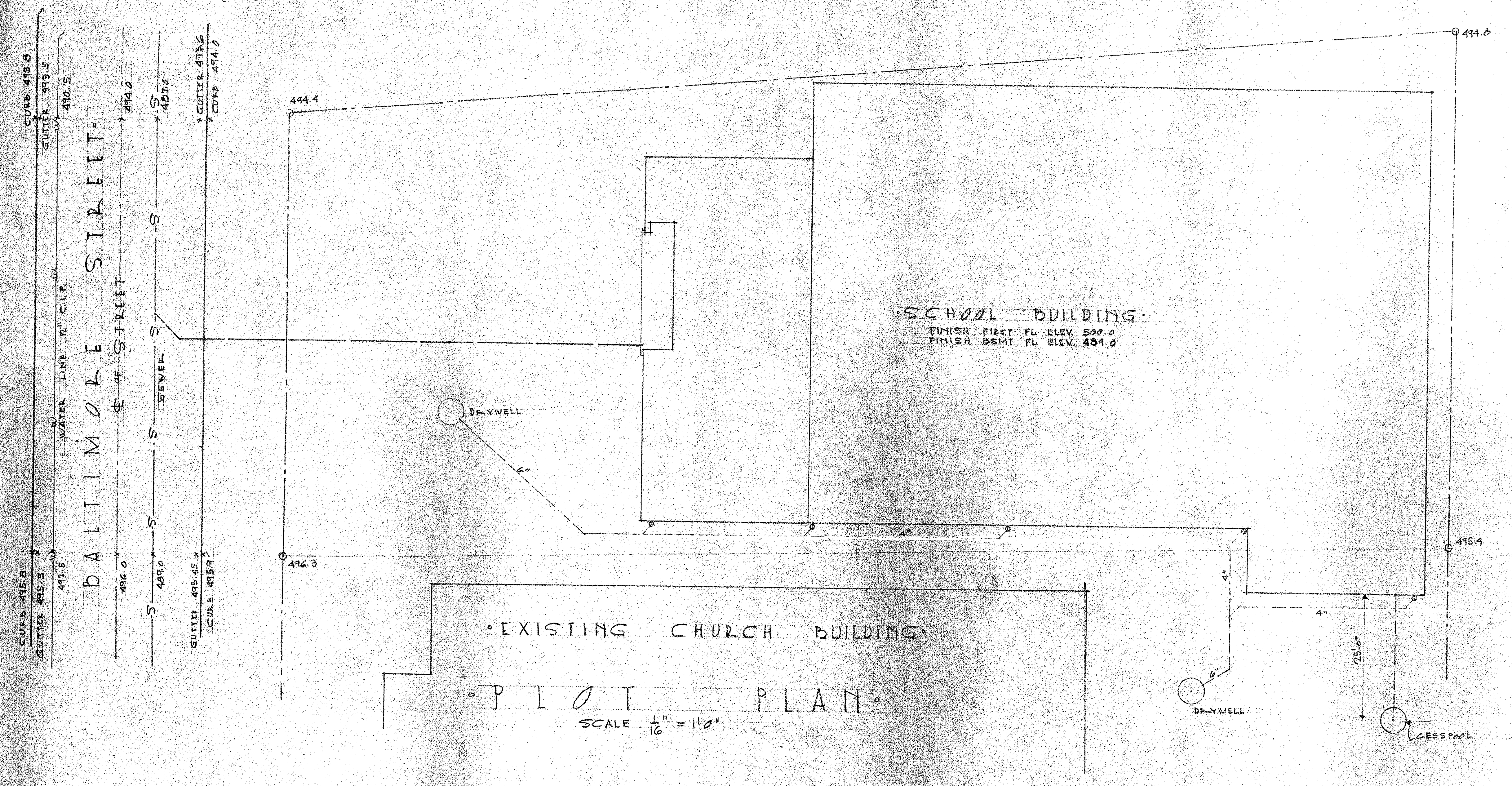
PLUMBING PLAN

NEW PAROCHIAL SCHOOL FOR
ST. JOSEPH'S PARISH
BALTIMORE STREET
HANOVER, PENNA.
MOST REV. GEORGE L. LEECH, TRUSTEE
REV. EDWARD D. O'FLYNN, RECTOR

SHEET NO. P-1
DATE 6/11/48
BY

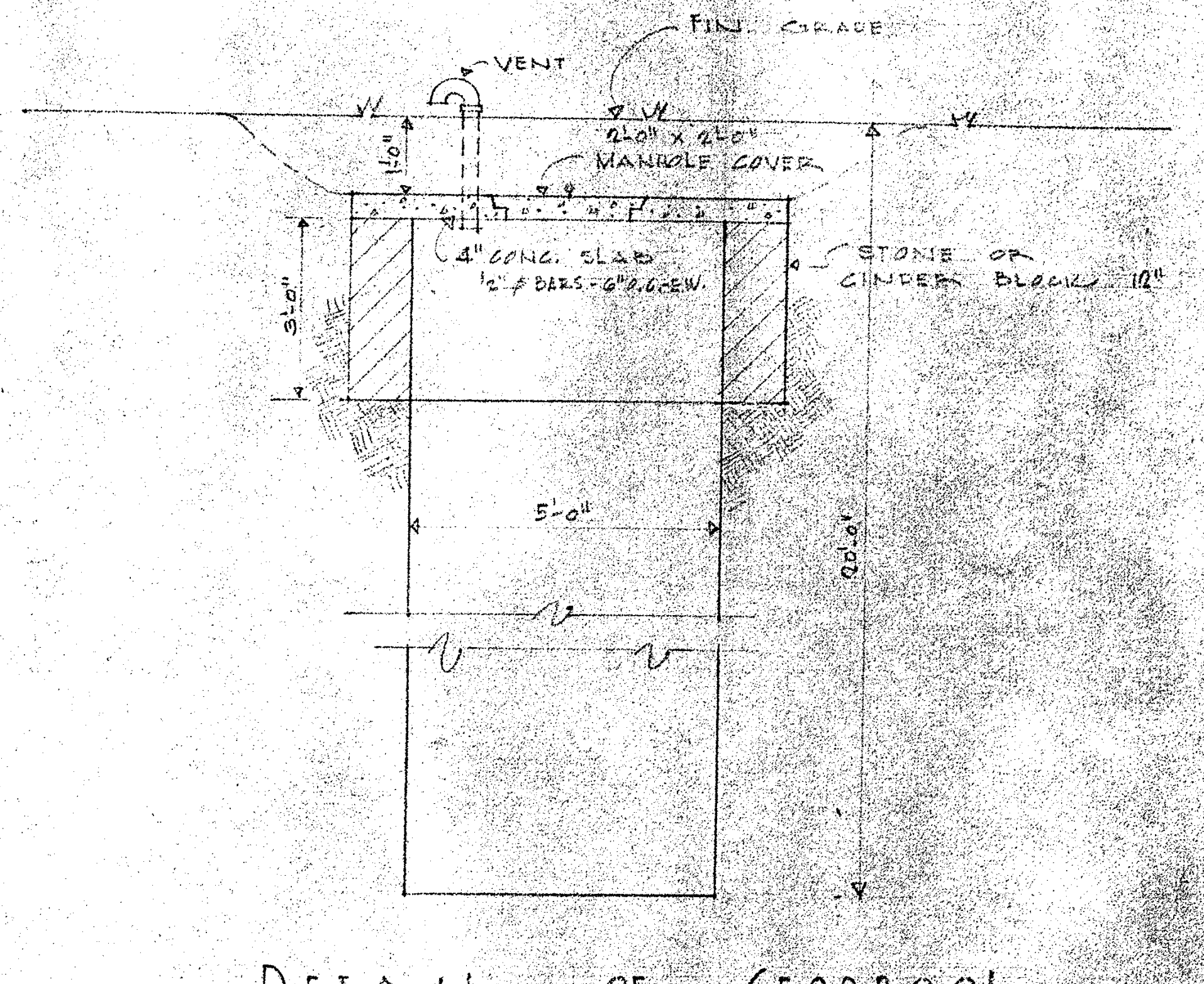
B. E. STARR A. I. A. REGISTERED ARCHITECT
410 N. SECOND ST. HARRISBURG, PA.
PAUL V. LONG REGISTERED ARCHITECT ASSOCIATE

BERNARD E. STARR No. E271
PAUL V. LONG No. 42047


BALTIMORE STREET
℄ OF STREET
WATER LINE 12" C.I.P.
SEWER
CURB 498.8
GUTTER 498.5
490.5
494.0
487.0
GUTTER 493.6
CURB 494.0
CURB 495.8
GUTTER 495.5
492.5
496.0
489.0
GUTTER 495.45
CURB 495.9
494.4
496.3
494.0
495.4
SCHOOL BUILDING
FINISH FIRST FL. ELEV. 500.0
FINISH BSMT. FL. ELEV. 489.0
DRYWELL
DRYWELL
CESSPOOL
6"
4"
4"
4"
6"
25'-0"
EXISTING CHURCH BUILDING

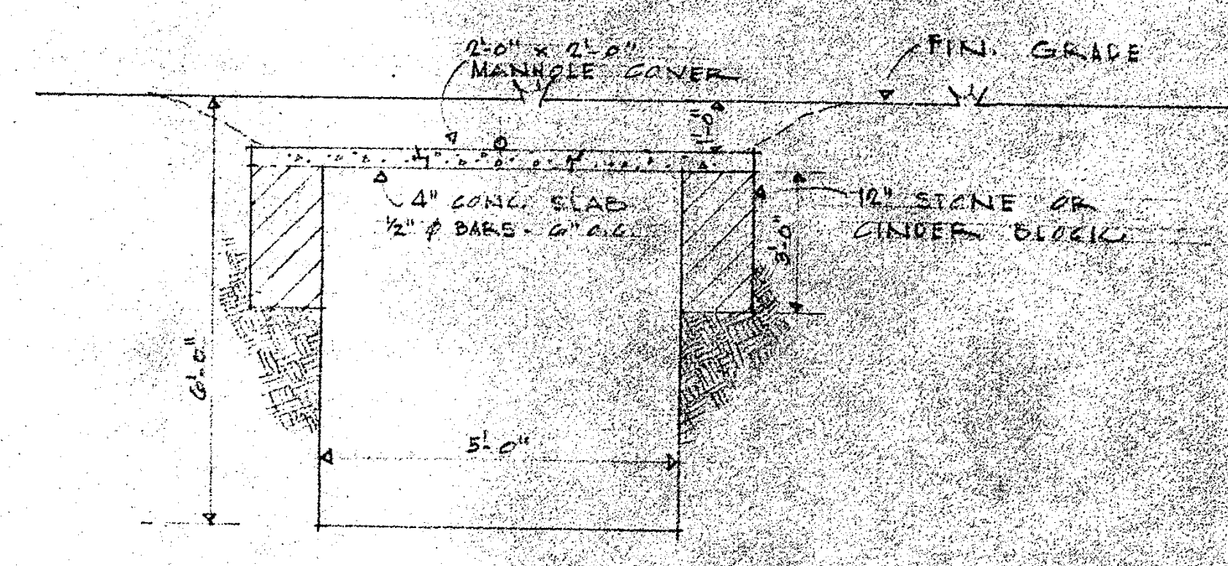
PLOT PLAN

SCALE 1/16" = 1'-0"


VENT
FIN. GRADE
2'-0" x 2'-0" MANHOLE COVER
1'-0"
4" CONC. SLAB ½" ϕ BARS - 6" O.C.-E.W.
STONE OR CINDER BLOCK 12"
3'-0"
5'-0"
20'-0"

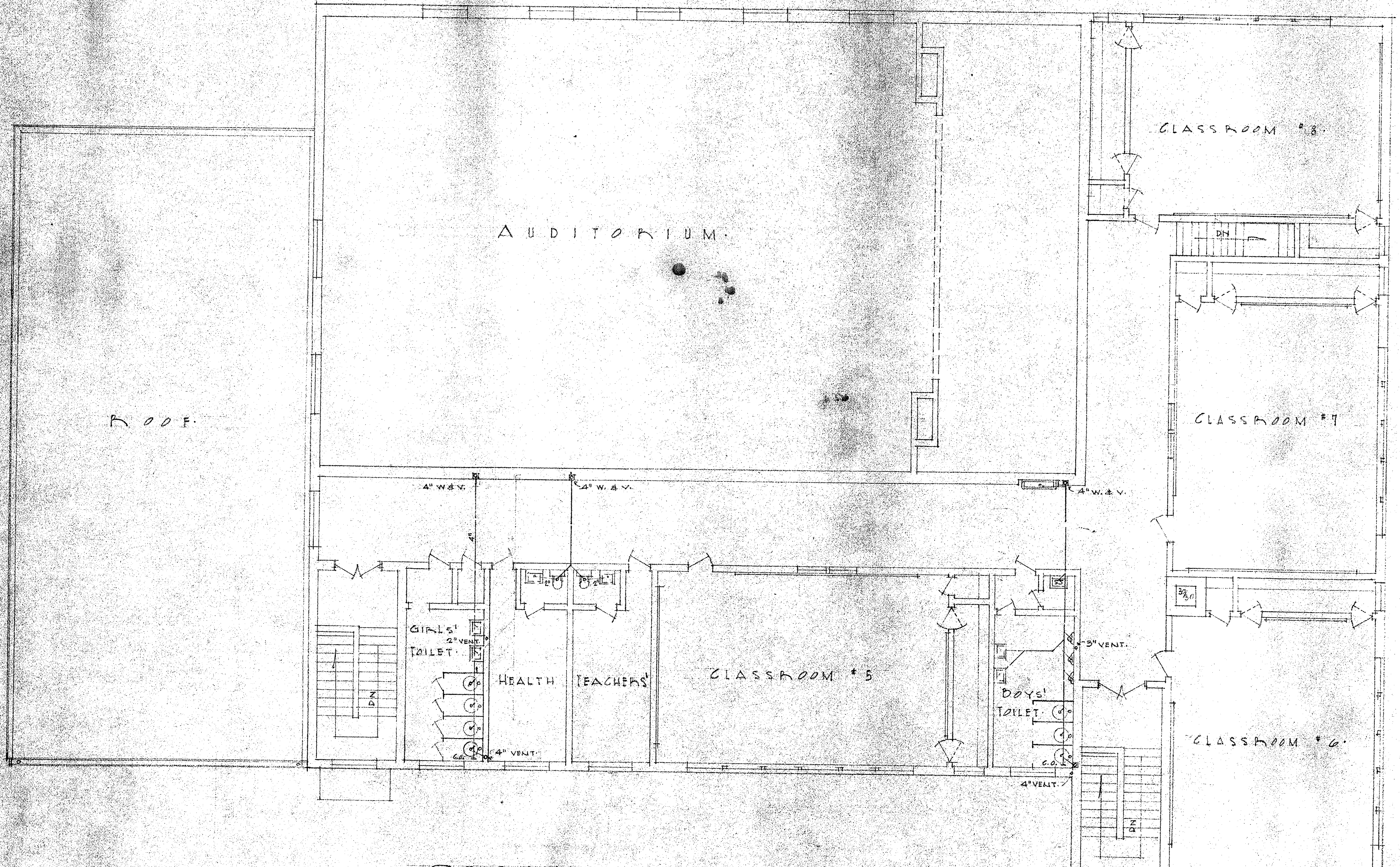
DETAIL OF CESSPOOL

SCALE 3/8" = 1 FT.


2'-0" x 2'-0" MANHOLE COVER
FIN. GRADE
1'-0"
4" CONC. SLAB ½" ϕ BARS - 6" O.C.
12" STONE OR CINDER BLOCK
3'-0"
6'-0"
5'-0"

DETAIL OF DRYWELL

SCALE 3/8" = 1 FT.


AUDITORIUM
ROOF
CLASSROOM #8
CLASSROOM #7
CLASSROOM #6
CLASSROOM #5
GIRLS' TOILET
2" VENT
4" VENT
HEALTH
TEACHERS'
BOYS' TOILET
3" VENT
4" VENT
4" W & V.
4" W. & V.
4" W. & V.
2"
2"
4"
C.O.
DN
DN
SS

SECOND FLOOR PLAN

SCALE 1/8" = 1'-0"

PLUMBING PLAN

NEW PAROCHIAL SCHOOL FOR
ST. JOSEPH'S PARISH
BALTIMORE STREET
HANOVER, PENNA.
MOST REV. GEORGE L. LEECH, TRUSTEE
REV. EDWARD D. O'FLYNN, RECTOR

SHEET NO. P-2
DATE 6/11/46
BY

B. E. STARR A. I. A. REGISTERED ARCHITECT
410 N. SECOND ST. HARRISBURG, PA.
PAUL V. LONG REGISTERED ARCHITECT ASSOCIATE

BERNARD E. STARR No. E271
PAUL V. LONG No. A2047