

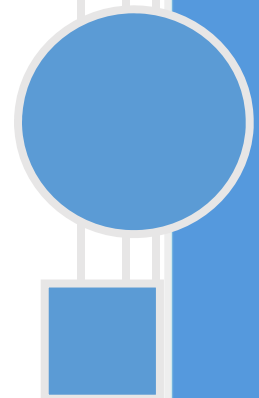
PHASE I

APPENDIX 2

Building Construction History

HORSETOOTH ENGINEERING, LLC

6/18/2015





1999 BOILER INSTALL.
MZ RETROFIT TO
HEATING WATER.
BOILER REPLACED IN
2014.

TOTAL SQ FT=
28,527.98

BARTON ELEMENTARY



<p>HORSETOOTH ENGINEERING LLC 970-556-9210</p>	<p>CLIENT Poudre School District R-1</p>	<p>PROJECT NAME Air Conditioning Study Phase 1 June 18th, 2015</p>	<p>Sheet Name BARTON Scale: 1" = 20' - 0"</p>
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1992

SQ FT=
8,375.31

1970

SQ FT=
1,425.58

1992

SQ FT=
4,265.28

1992

SQ FT=
426.09

1967

SQ FT=
30,605.57

1970

SQ FT=
7,976.3

1992

SQ FT=
2,674.64

1988

SQ FT=
3,796.13

1992

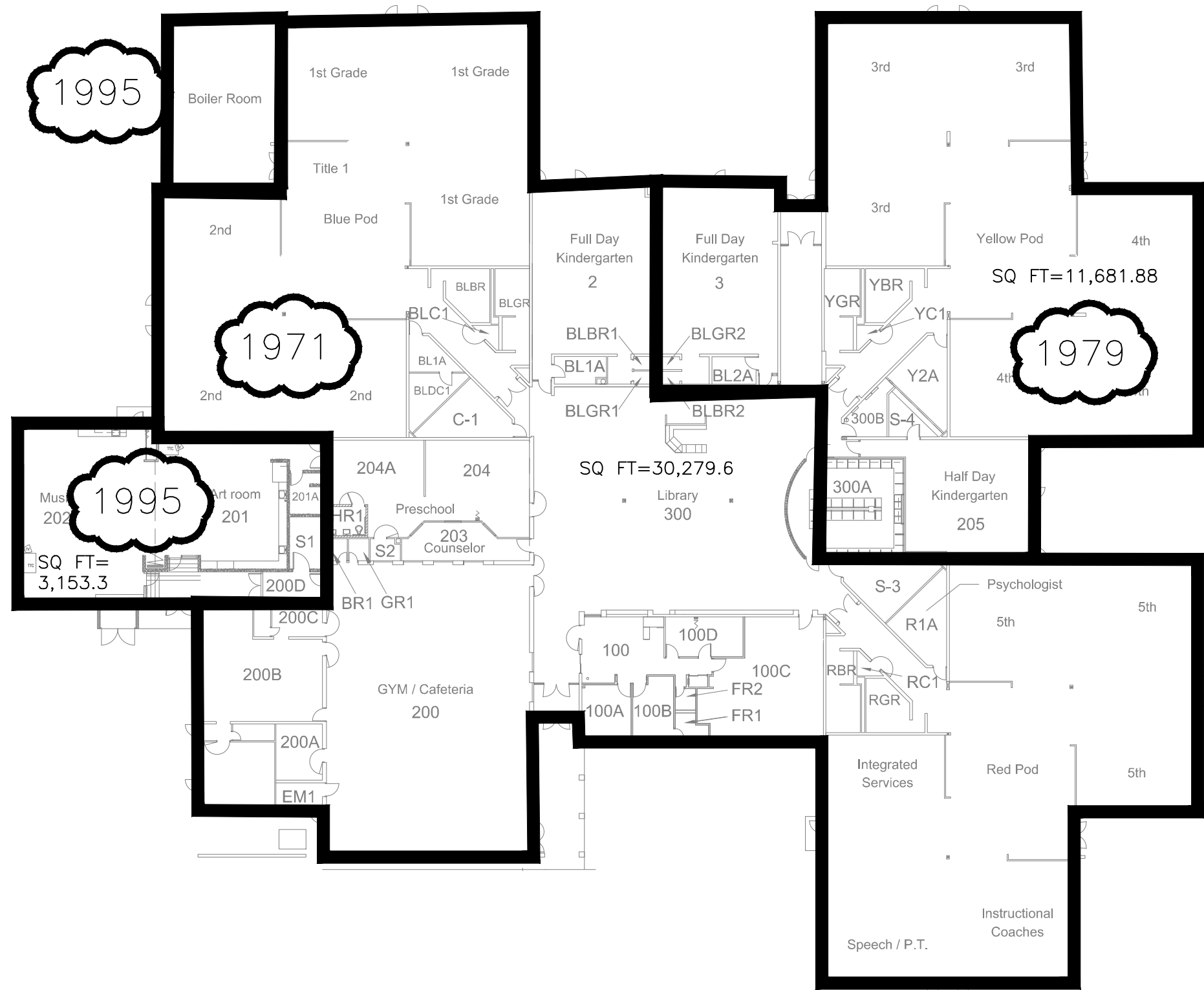
SQ FT=
2,674.64

BAUDER ELEMENTARY



TOTAL SQ FT=
62,219.54

<p>HORSETOOTH ENGINEERING LLC 970-556-9210</p>	<p>CLIENT Poudre School District R-1</p>	<p>PROJECT NAME Air Conditioning Study Phase 1 June 18th, 2015</p>	<p>Sheet Name BAUDER Scale: 1" = 30' - 0"</p>
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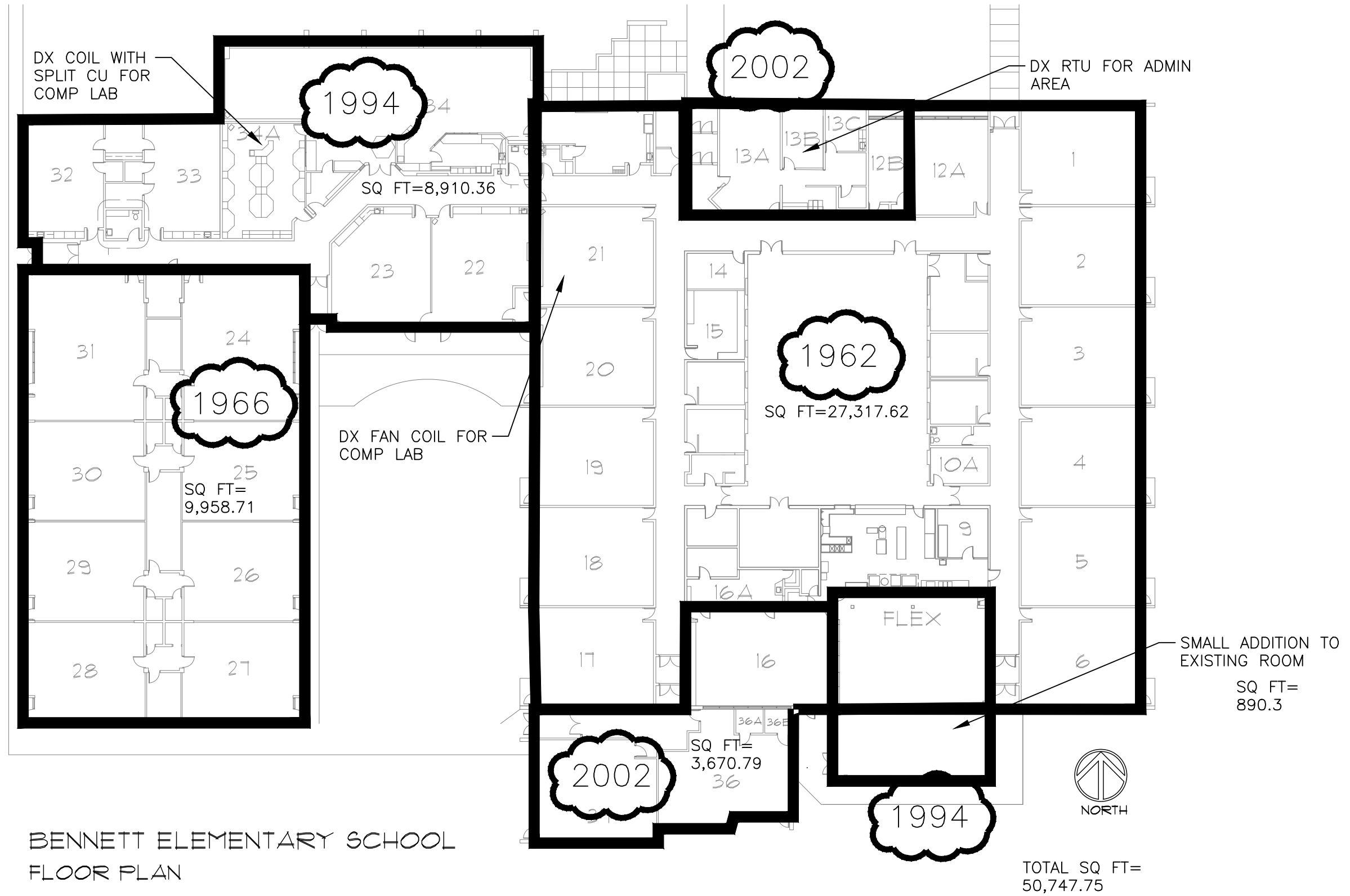


Beattie Floor Plan



TOTAL SQ FT=
45,114.78

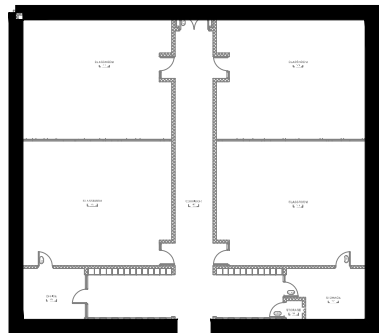
<p>HORSETOOTH ENGINEERING LLC 970-556-9210</p>	<p>CLIENT Poudre School District R-1</p>	<p>PROJECT NAME Air Conditioning Study Phase 1 June 18th, 2015</p>	<p>Sheet Name BEATTIE Scale: 1" = 30' - 0"</p>
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<p>HORSETOOTH ENGINEERING LLC 970-556-9210</p>	<p>CLIENT Poudre School District R-1</p>	<p>PROJECT NAME Air Conditioning Study Phase 1 June 18th, 2015</p>	<p>Sheet Name BENNETT Scale: 1" = 30' - 0"</p>
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1983

SQ FT=
5,127.67



NOTES:

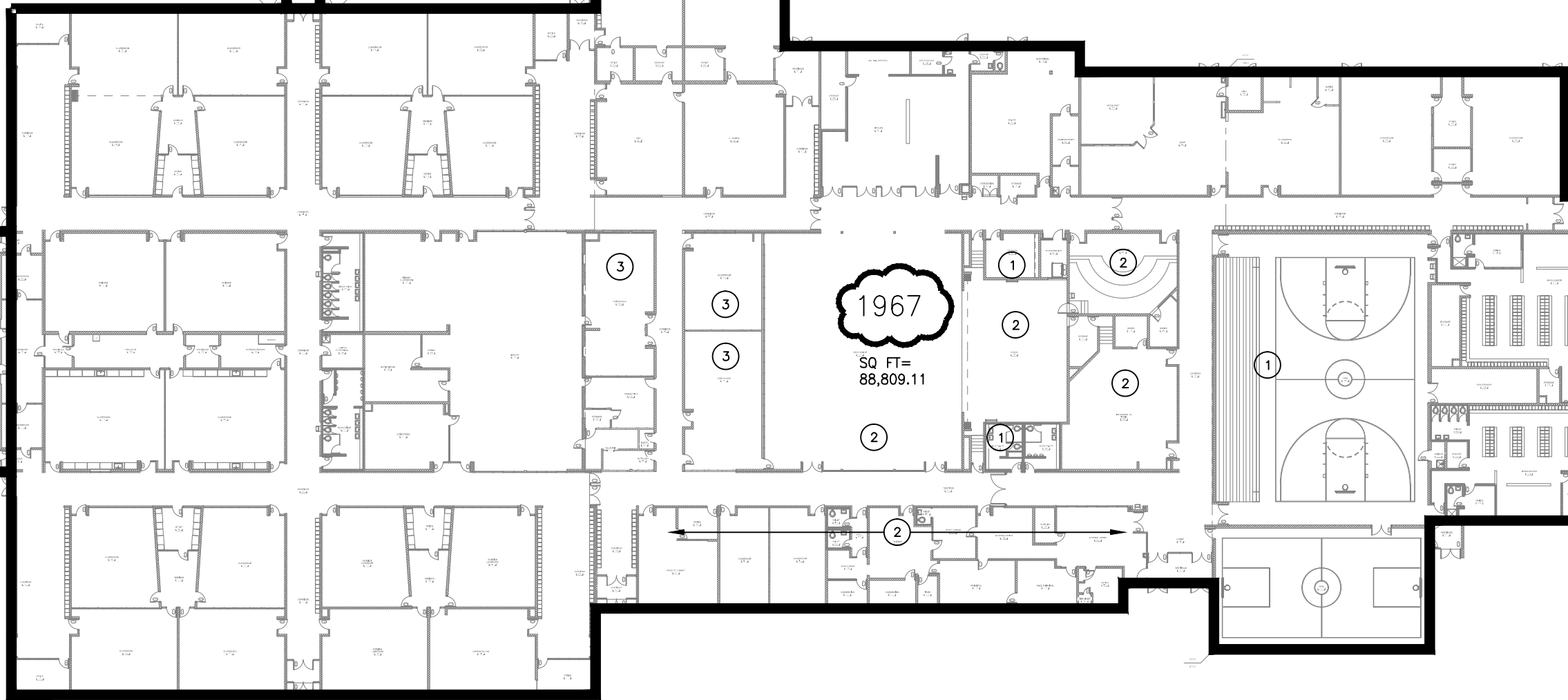
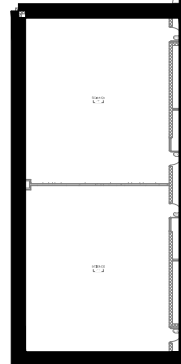
- ① INDOOR MEZZANINE AHU.
- ② SERVED BY INDOOR MEZZANINE AHU.
- ③ PACKAGED DX RTU.

1967

SQ FT=
88,809.11

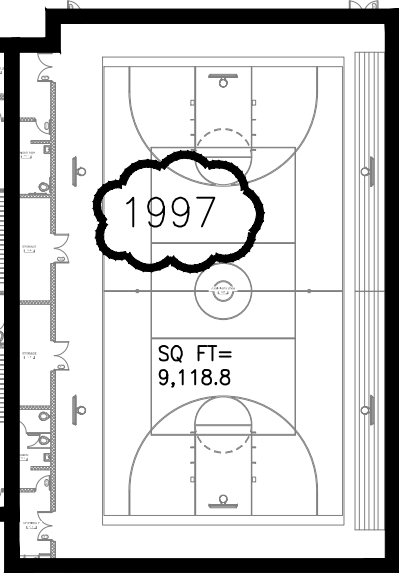
1993

SQ FT=
2,564.24



1997

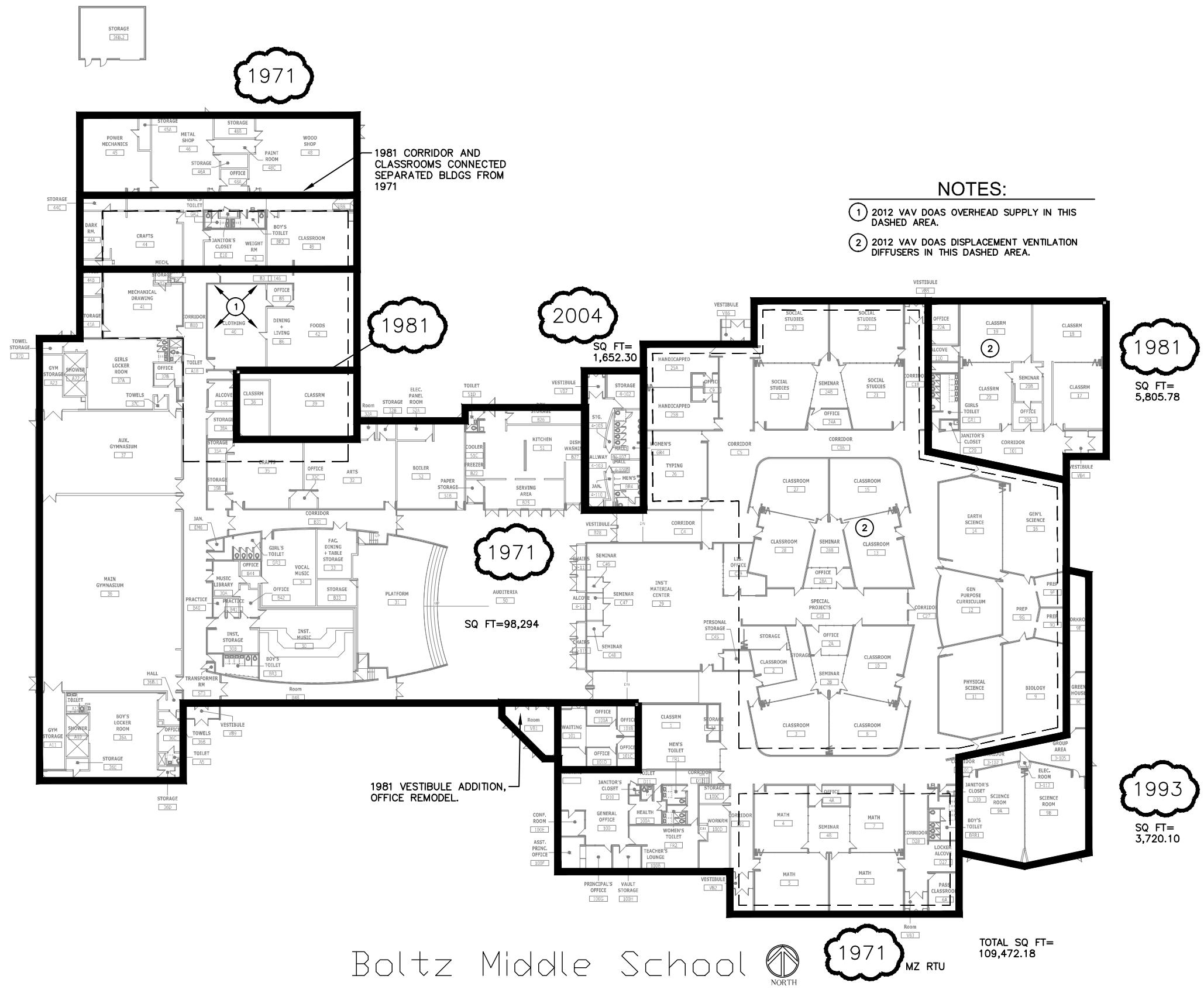
SQ FT=
9,118.8



BLEVINS MIDDLE SCHOOL



TOTAL SQ FT=
105,619.82



NOTES:

- ① 2012 VAV DOAS OVERHEAD SUPPLY IN THIS DASHED AREA.
- ② 2012 VAV DOAS DISPLACEMENT VENTILATION DIFFUSERS IN THIS DASHED AREA.

Boltz Middle School NORTH

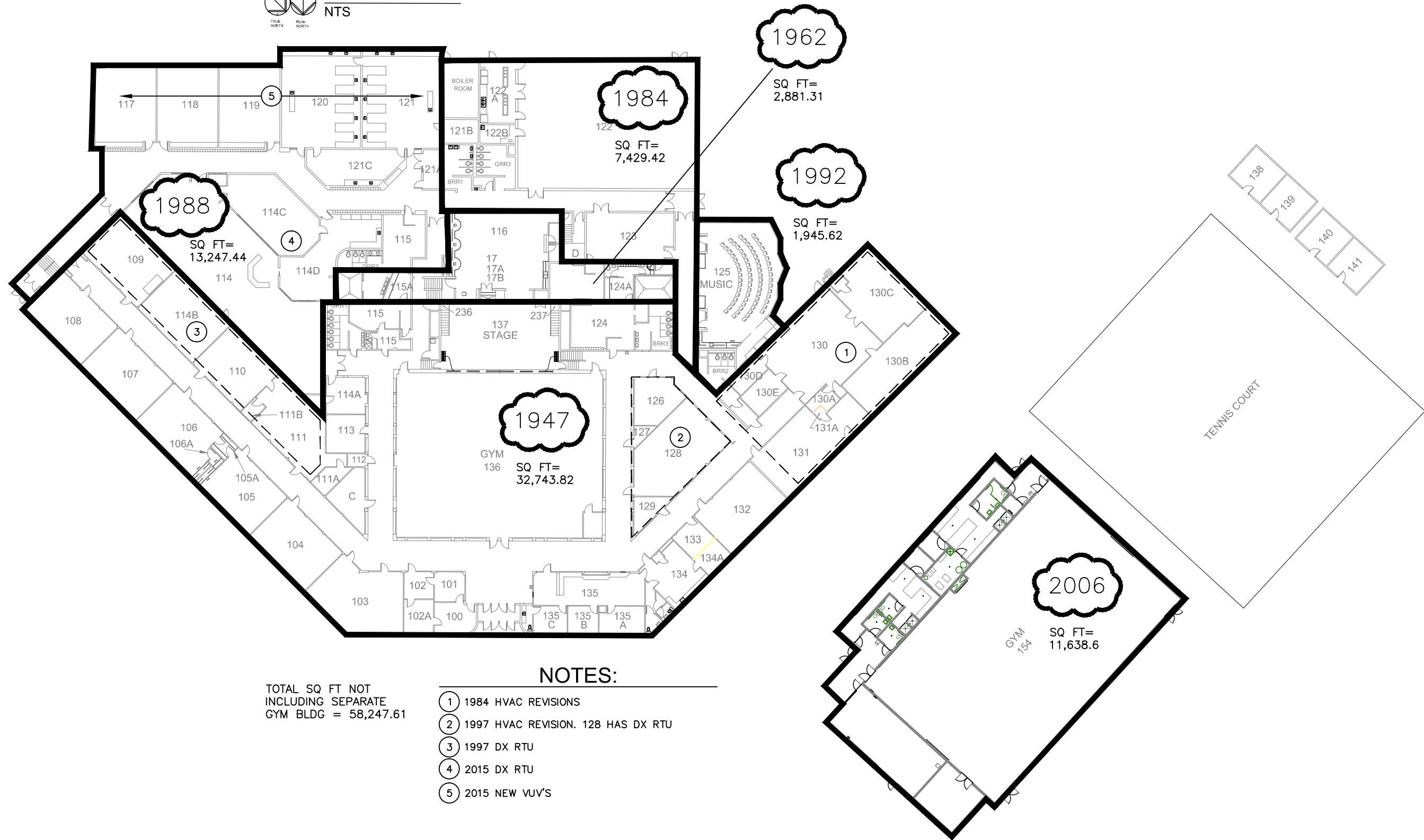
1971 MZ RTU

TOTAL SQ FT= 109,472.18

HORSETOOTH ENGINEERING LLC 970-556-9210	CLIENT Poudre School District R-1	PROJECT NAME Air Conditioning Study Phase 1 June 18th, 2015	Sheet Name BOLTZ Scale: 1" = 50' - 0"
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CACHE LA POUFRE MIDDLE SCHOOL

FLOOR PLAN
NTS



NOTES:

TOTAL SQ FT NOT INCLUDING SEPARATE GYM BLDG = 58,247.61

- ① 1984 HVAC REVISIONS
- ② 1997 HVAC REVISION. 128 HAS DX RTU
- ③ 1997 DX RTU
- ④ 2015 DX RTU
- ⑤ 2015 NEW VUV'S

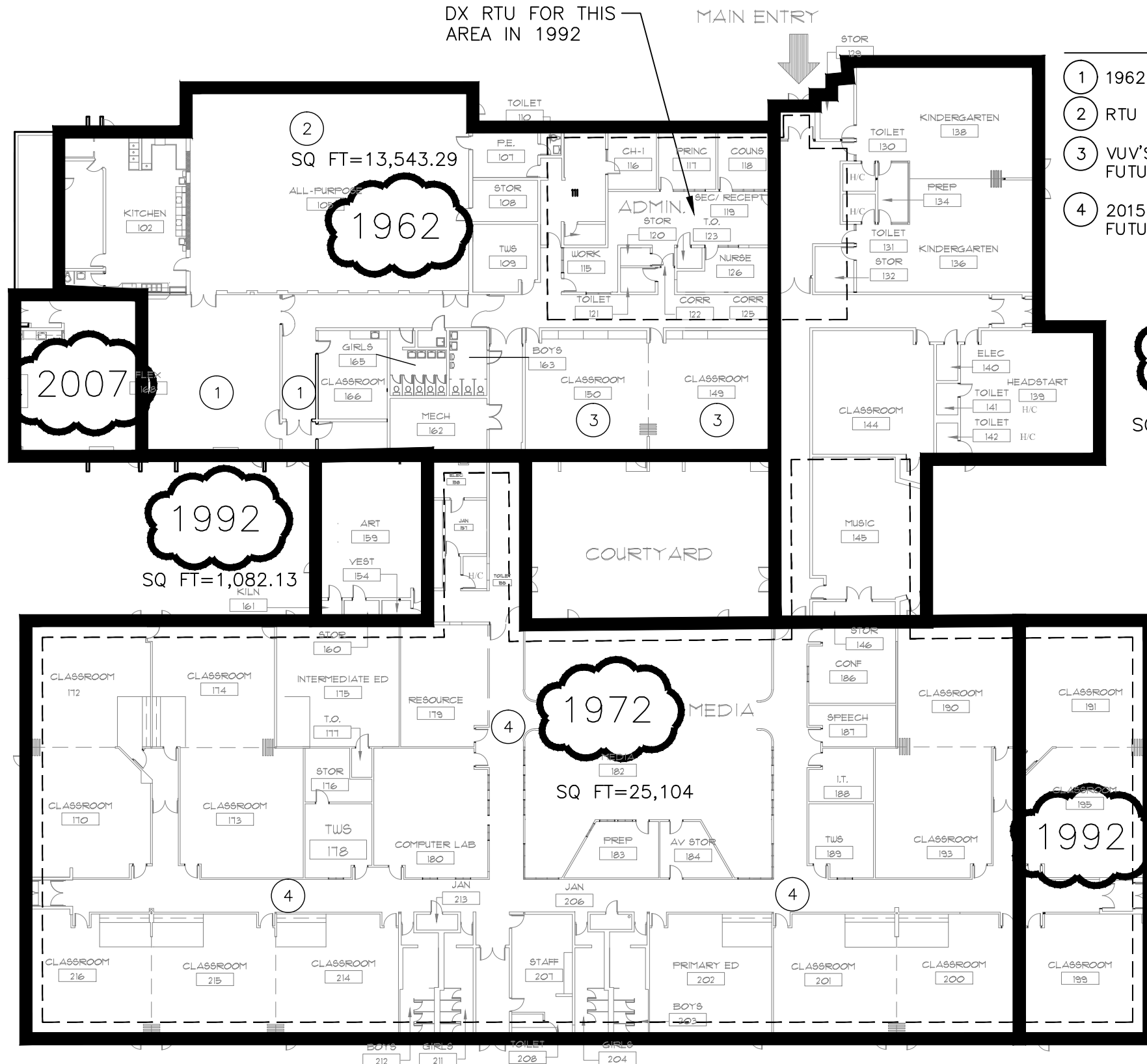
DX RTU FOR THIS AREA IN 1992

MAIN ENTRY

NOTES:

- ① 1962 AREA REMODELED IN 2007.
- ② RTU FOR ALL PURPOSE IN 1992.
- ③ VUV'S IN 2015 H&V ONLY. SPACE FOR FUTURE COOLING COIL.
- ④ 2015 VAV RTU'S H&V ONLY. SPACE FOR FUTURE COOLING COIL.

SQ FT=1,196



1992
SQ FT=1,082.13

1972
SQ FT=25,104

1992
SQ FT=3,165.79

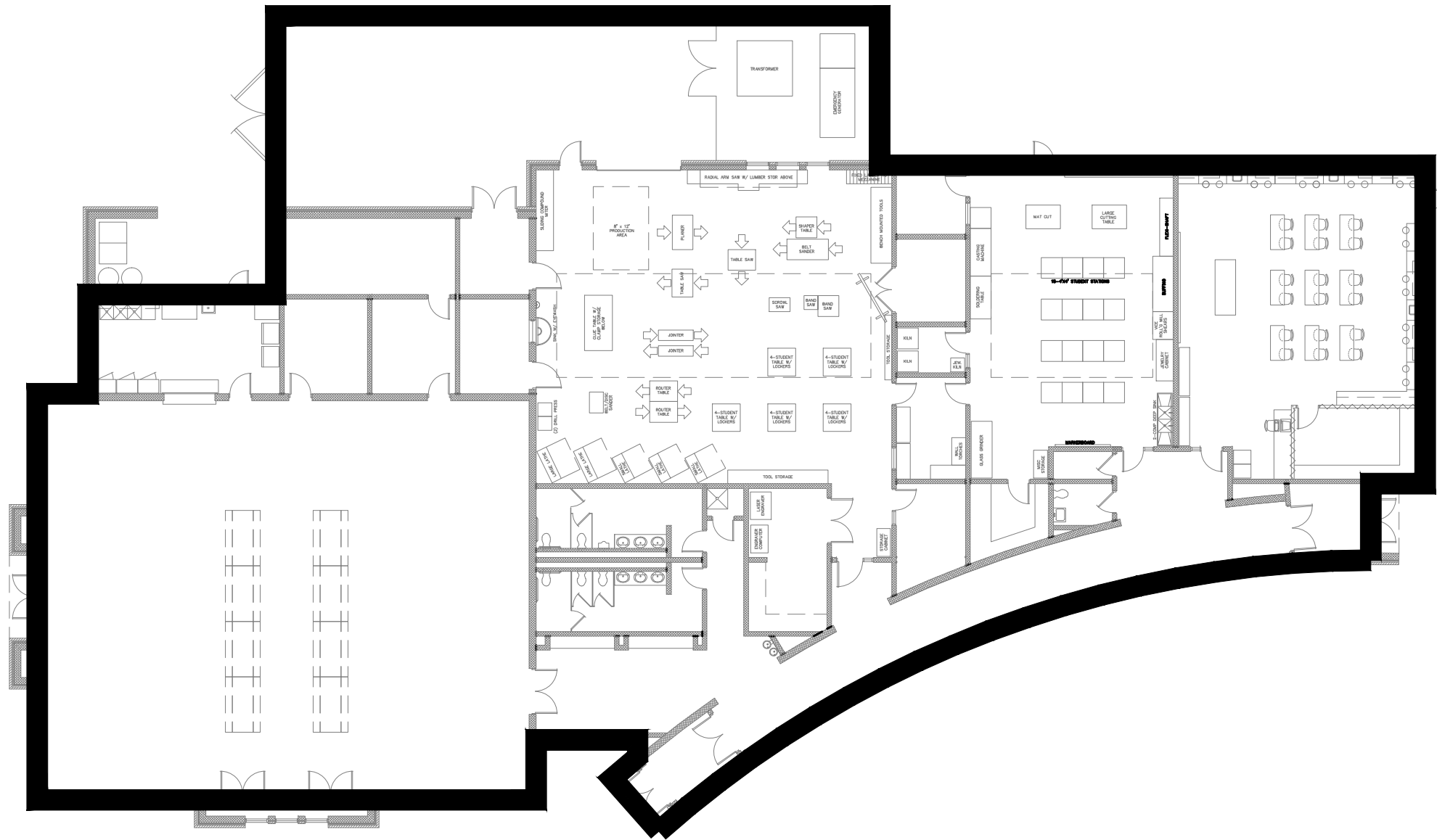
1992
SQ FT=7,888.06

CACHE LA POUFRE ELEMENTARY SCHOOL



TOTAL SQ FT=
51,979.27

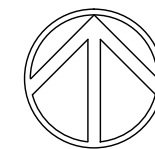
<p>HORSETOOTH ENGINEERING LLC 970-556-9210</p>	<p>CLIENT Poudre School District R-1</p>	<p>PROJECT NAME Air Conditioning Study Phase 1 June 18th, 2015</p>	<p>Sheet Name CACHE LA POUFRE ELEMENTARY Scale: 1" = 30' - 0"</p>
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2004

SQ FT=
16,746.17

CENTENNIAL ACTIVITIES BUILDING

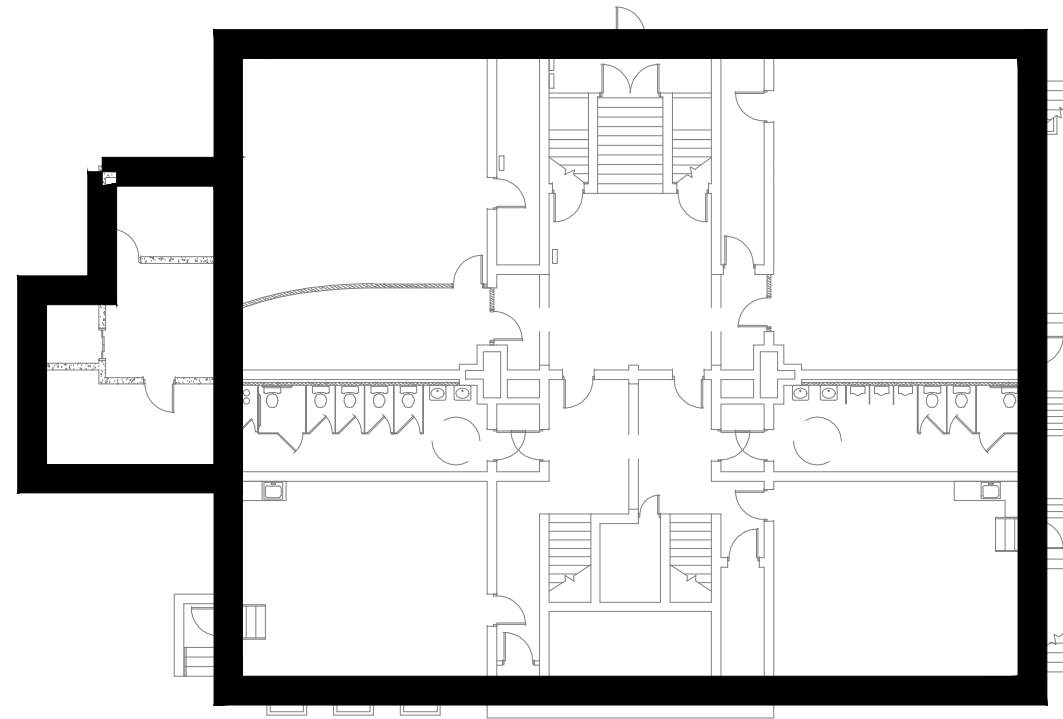


NORTH

<p>HORSETOOTH ENGINEERING LLC 970-556-9210</p>	<p>CLIENT Poudre School District R-1</p>	<p>PROJECT NAME Air Conditioning Study Phase 1 June 18th, 2015</p>	<p>Sheet Name CENTENNIAL Scale: 1" = 20' - 0"</p>
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2004

SQ FT=
569.7



1906

SQ FT=
5,707.94

TOTAL SQ
FT= 6,277.64

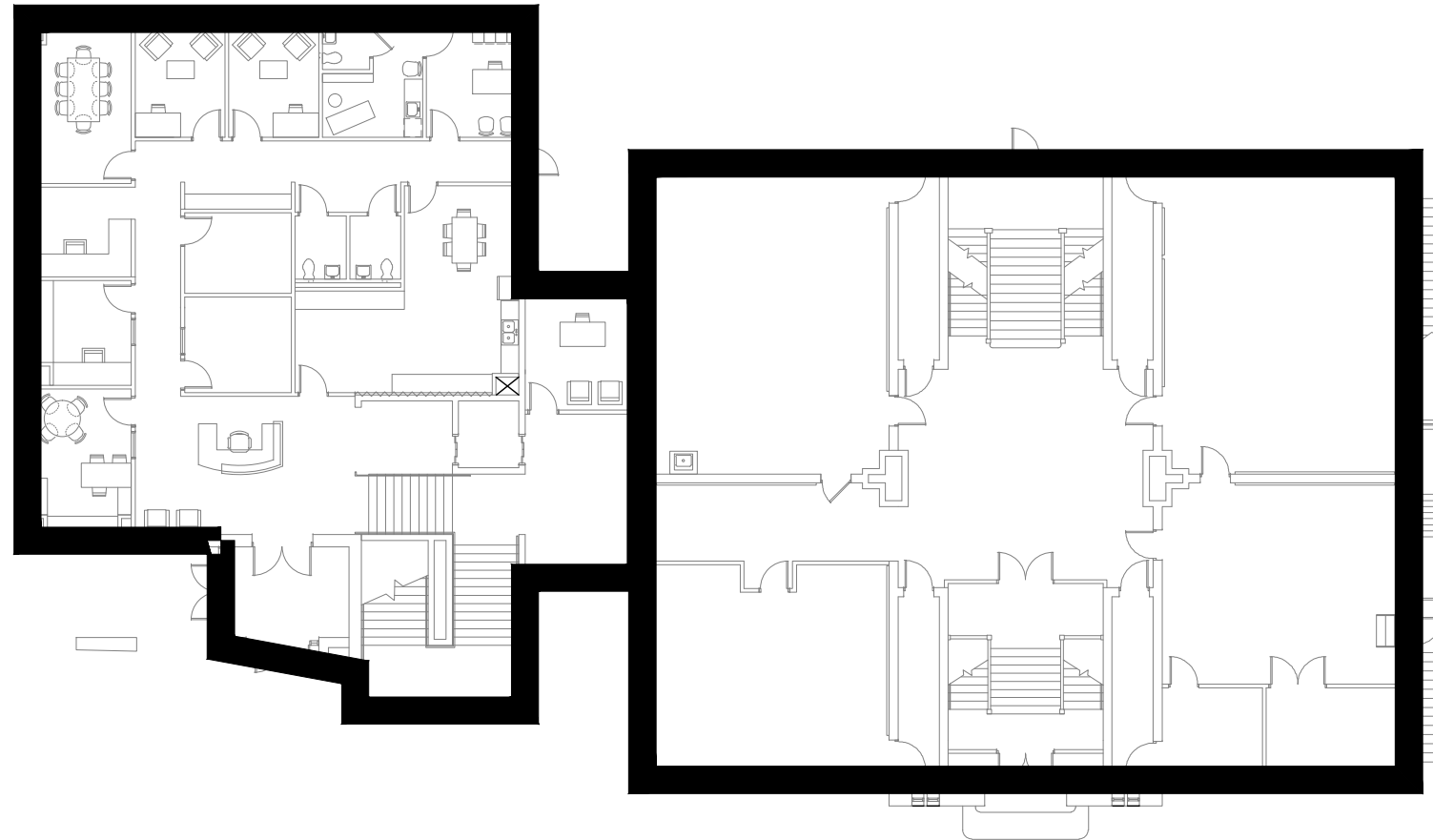
CENTENNIAL BASEMENT



NORTH

2004

SQ FT=
4,085.46



1906

SQ FT=
5,707.94

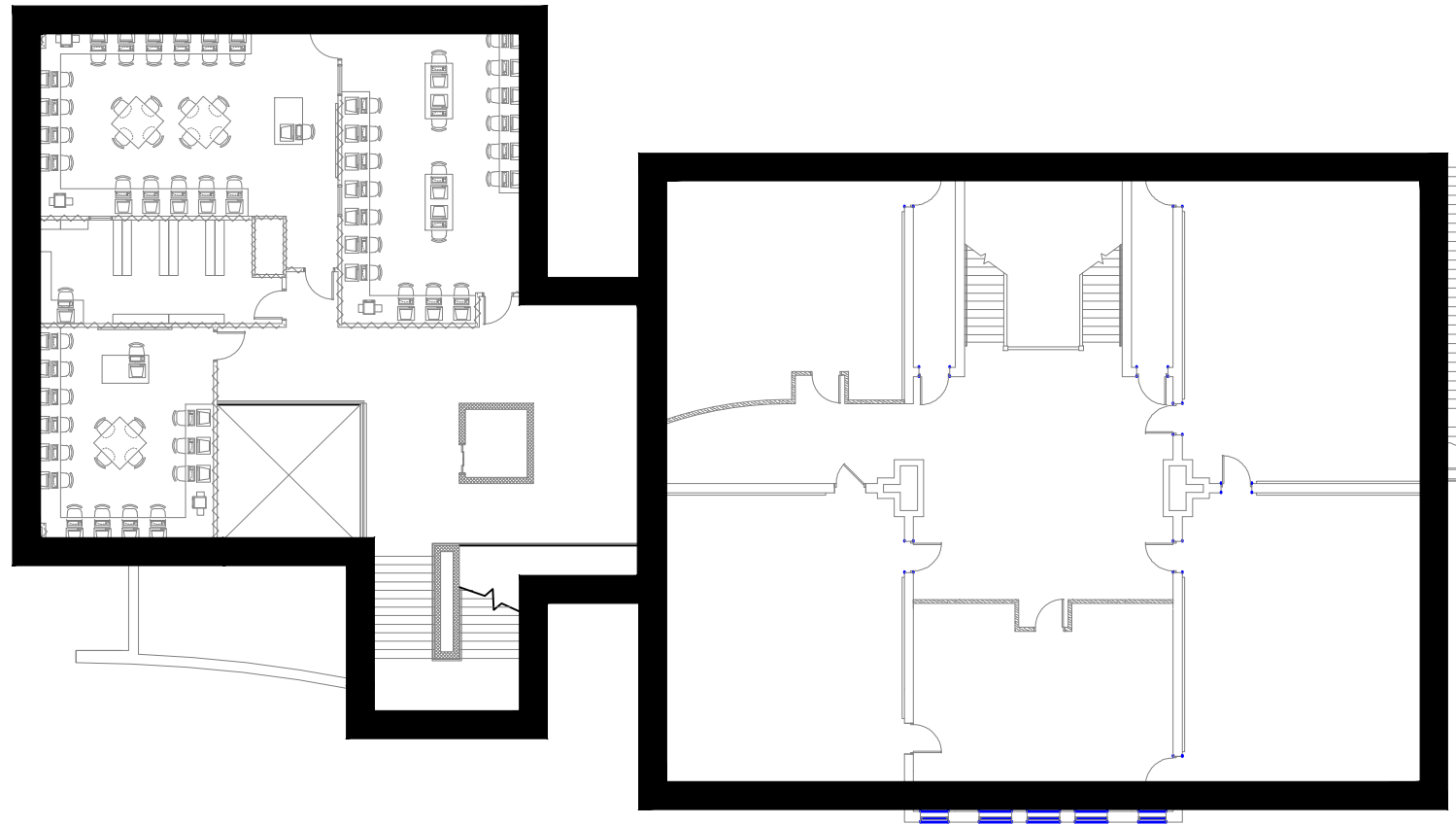
TOTAL SQ
FT= 9,793.4

CENTENNIAL 1ST FLOOR



2004

SQ FT=
3,892.12



1906

SQ FT=
5,707.94

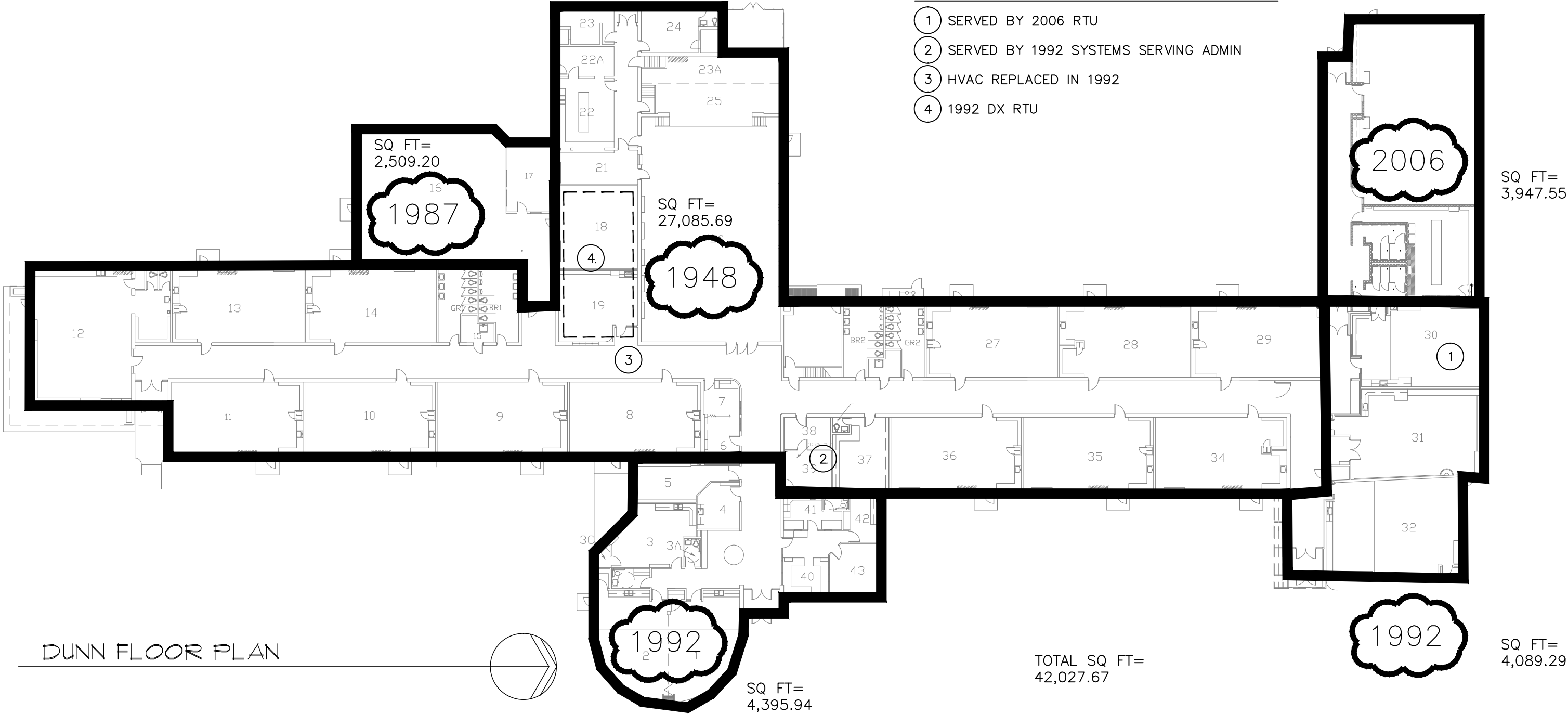
TOTAL SQ
FT= 9,600

CENTENNIAL 2ND FLOOR



NOTES:

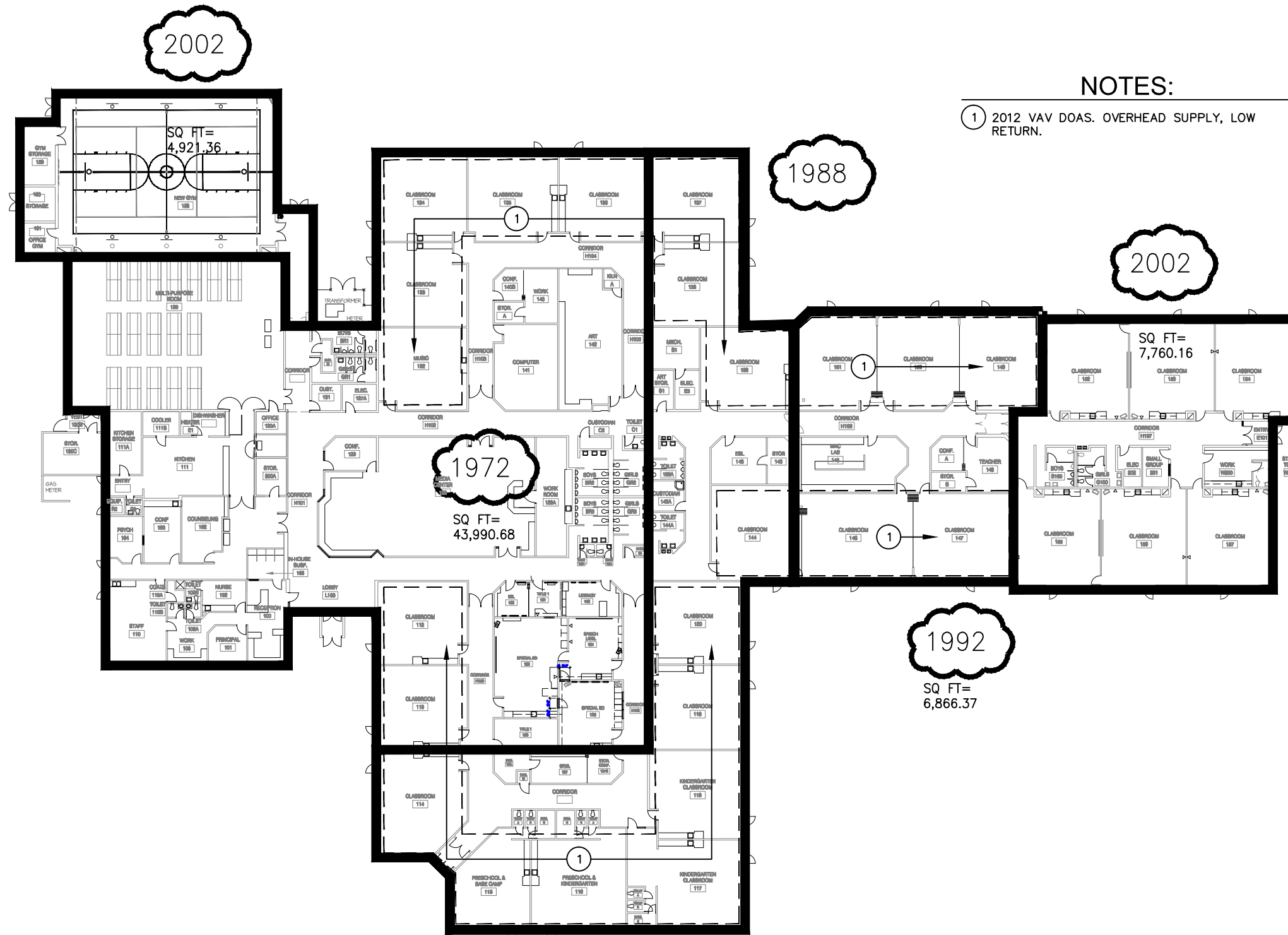
- ① SERVED BY 2006 RTU
- ② SERVED BY 1992 SYSTEMS SERVING ADMIN
- ③ HVAC REPLACED IN 1992
- ④ 1992 DX RTU



DUNN FLOOR PLAN

TOTAL SQ FT=
42,027.67

<p>HORSETOOTH ENGINEERING LLC 970-556-9210</p>	<p>CLIENT Poudre School District R-1</p>	<p>PROJECT NAME Air Conditioning Study Phase 1 June 18th, 2015</p>	<p>Sheet Name DUNN Scale: 1" = 30' - 0"</p>
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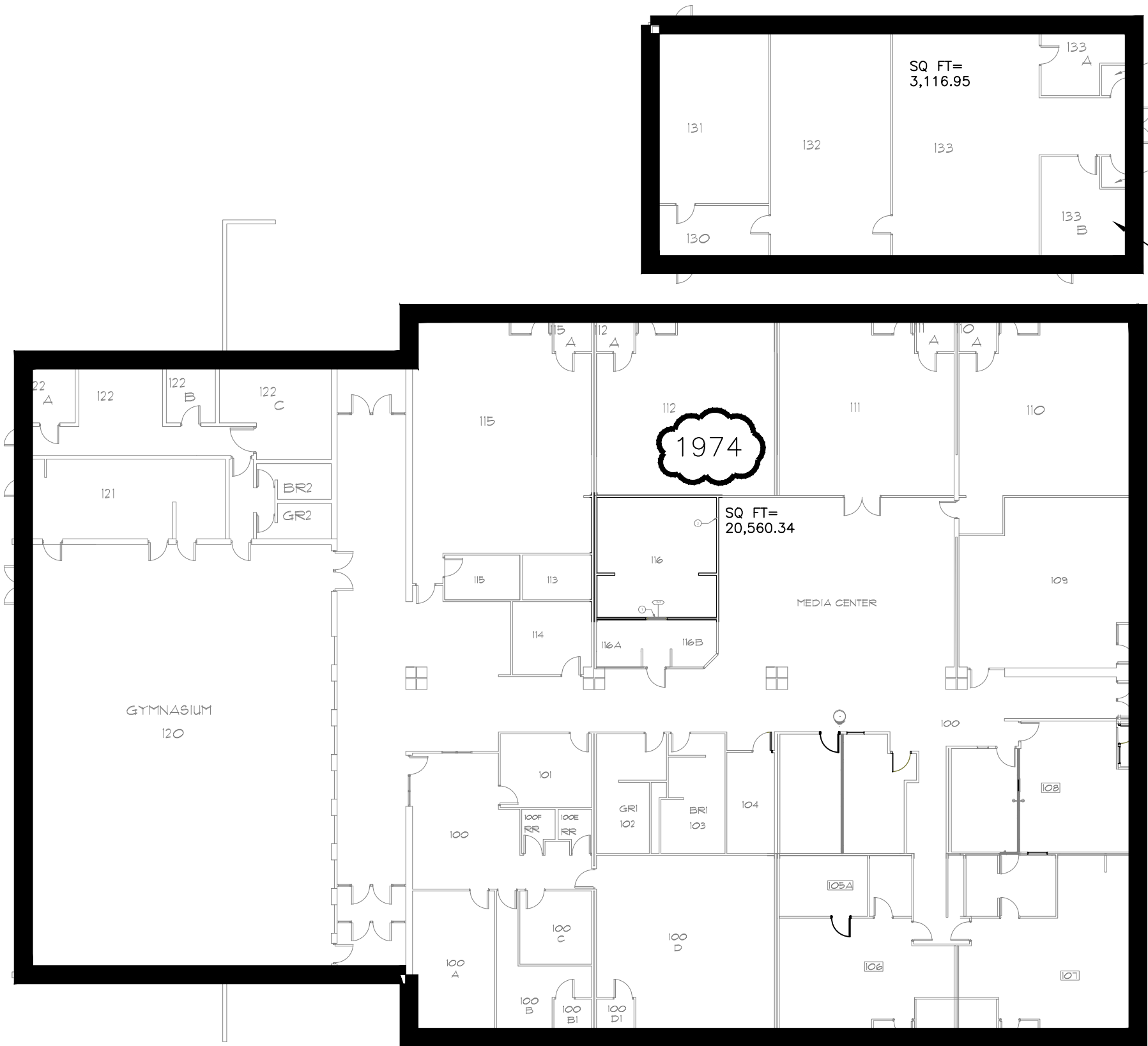
NOTES:

- ① 2012 VAV DOAS. OVERHEAD SUPPLY, LOW RETURN.

Eyestone Elementary



TOTAL SQ FT=
63,538.57



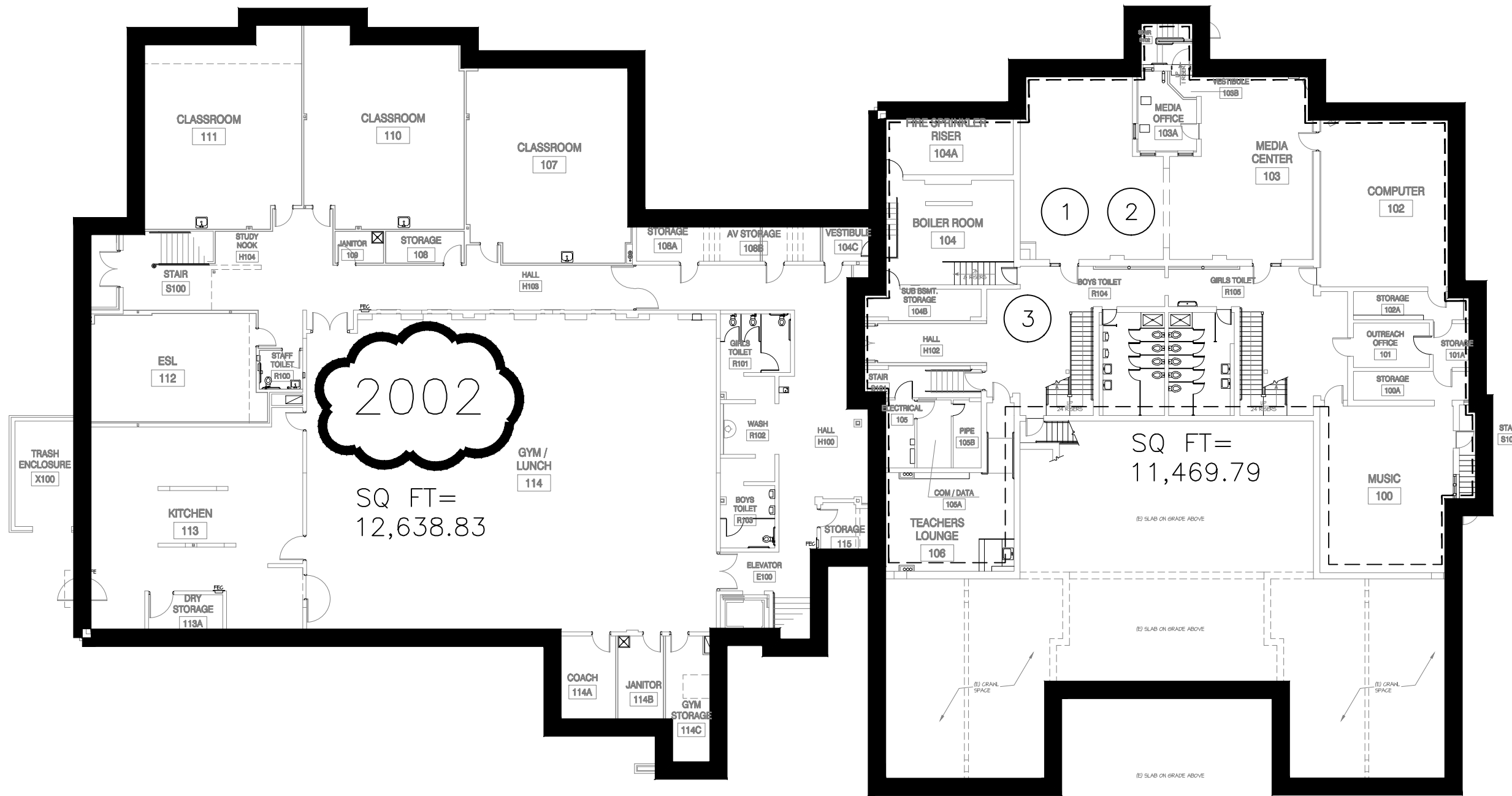
CONSTRUCTION YEAR UNKNOWN, PERHAPS A REMAINING PORTION OF 1960 CONSTRUCTION ON THIS SITE.

FULLANA ELEMENTARY SCHOOL



TOTAL SQ FT= 23,677.29

<p>HORSETOOTH ENGINEERING LLC 970-556-9210</p>	<p>CLIENT Poudre School District R-1</p>	<p>PROJECT NAME Air Conditioning Study Phase 1 June 18th, 2015</p>	<p>Sheet Name FULLANA Scale: 1" = 20' - 0"</p>
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TOTAL SQ FT=
24,108.62

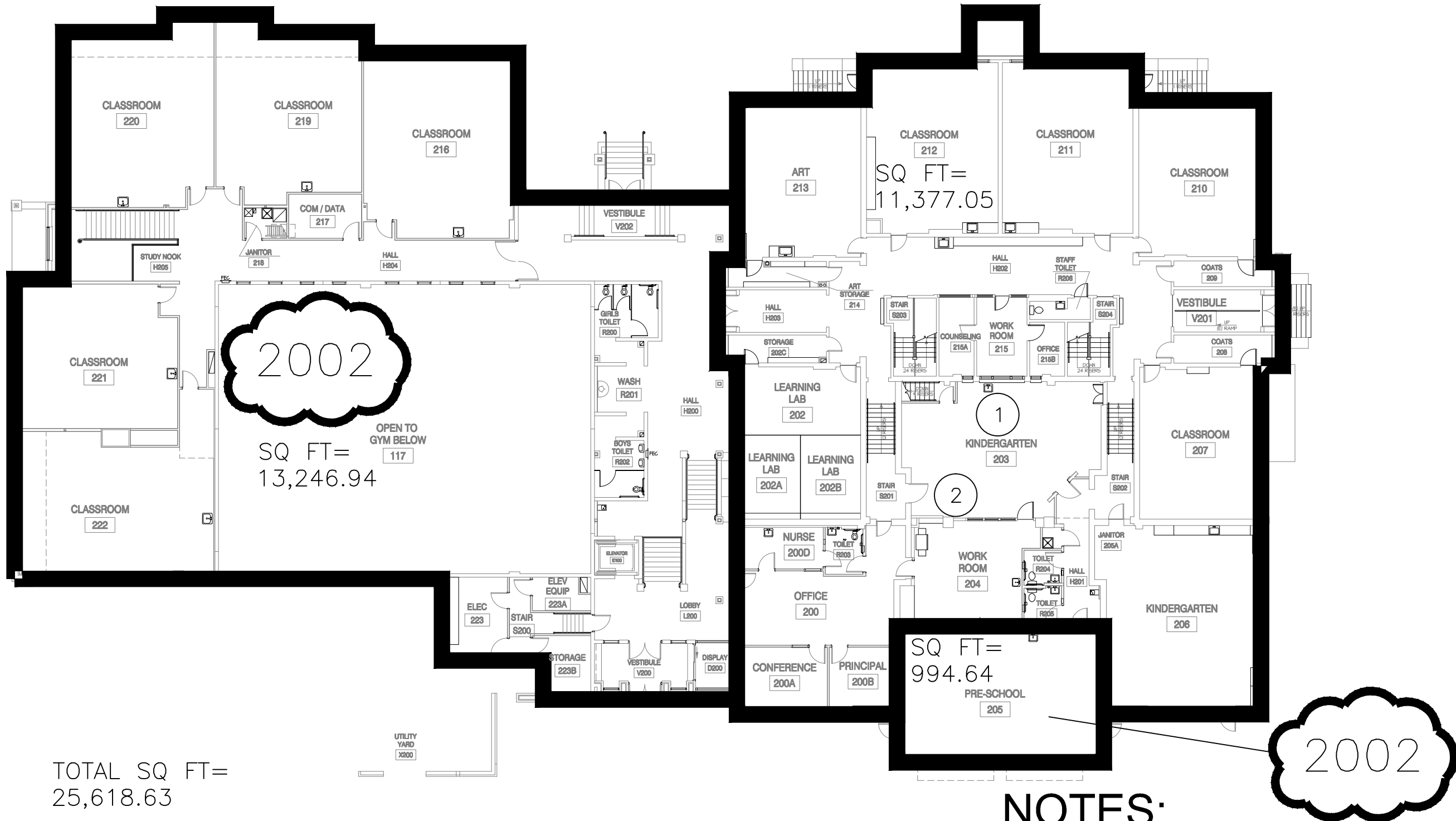
HARRIS ELEMENTARY LOWER LEVEL



NOTES:

- ① OCCUPIABLE SPACE OF ORIGINAL CONSTRUCTION.
- ② YEAR OF CONSTRUCTION BELIEVED TO BE 1919.
- ③ 2002 REMODEL TO SOME HVAC.

HORSETOOTH ENGINEERING LLC 970-556-9210	CLIENT Poudre School District R-1	PROJECT NAME Air Conditioning Study Phase 1 June 18th, 2015	Sheet Name HARRIS Scale: 1" = 20' - 0"
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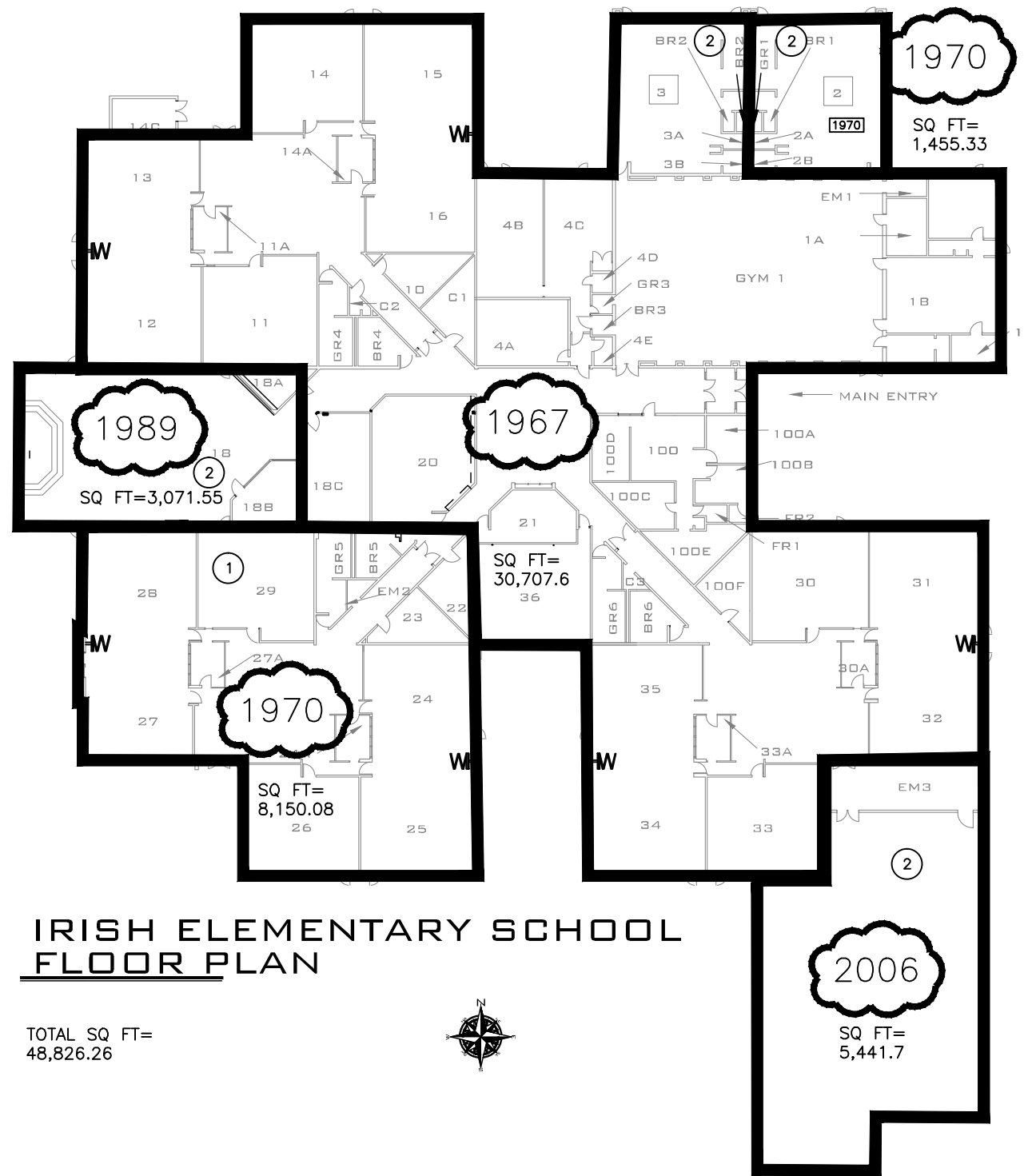
TOTAL SQ FT=
25,618.63

HARRIS ELEMENTARY MAIN LEVEL



NOTES:

- ① YEAR OF CONSTRUCTION BELIEVED TO BE 1919.
- ② 2002 REMODEL TO SOME HVAC.



**IRISH ELEMENTARY SCHOOL
FLOOR PLAN**

TOTAL SQ FT=
48,826.26

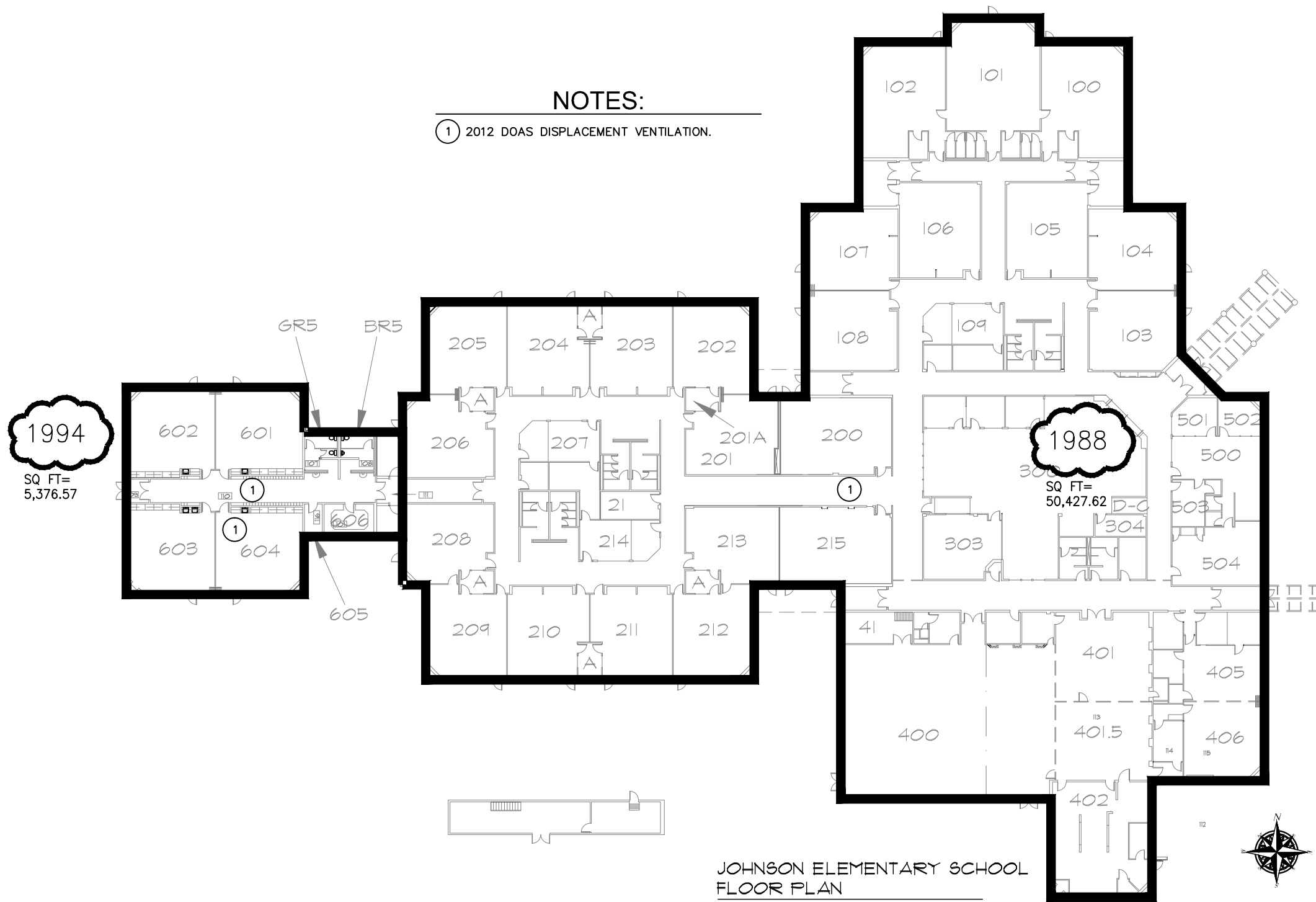


NOTES:

- ① NEW VAV RTU 2014.
- ② NEW RTU 2014.

NOTES:

- ① 2012 DOAS DISPLACEMENT VENTILATION.

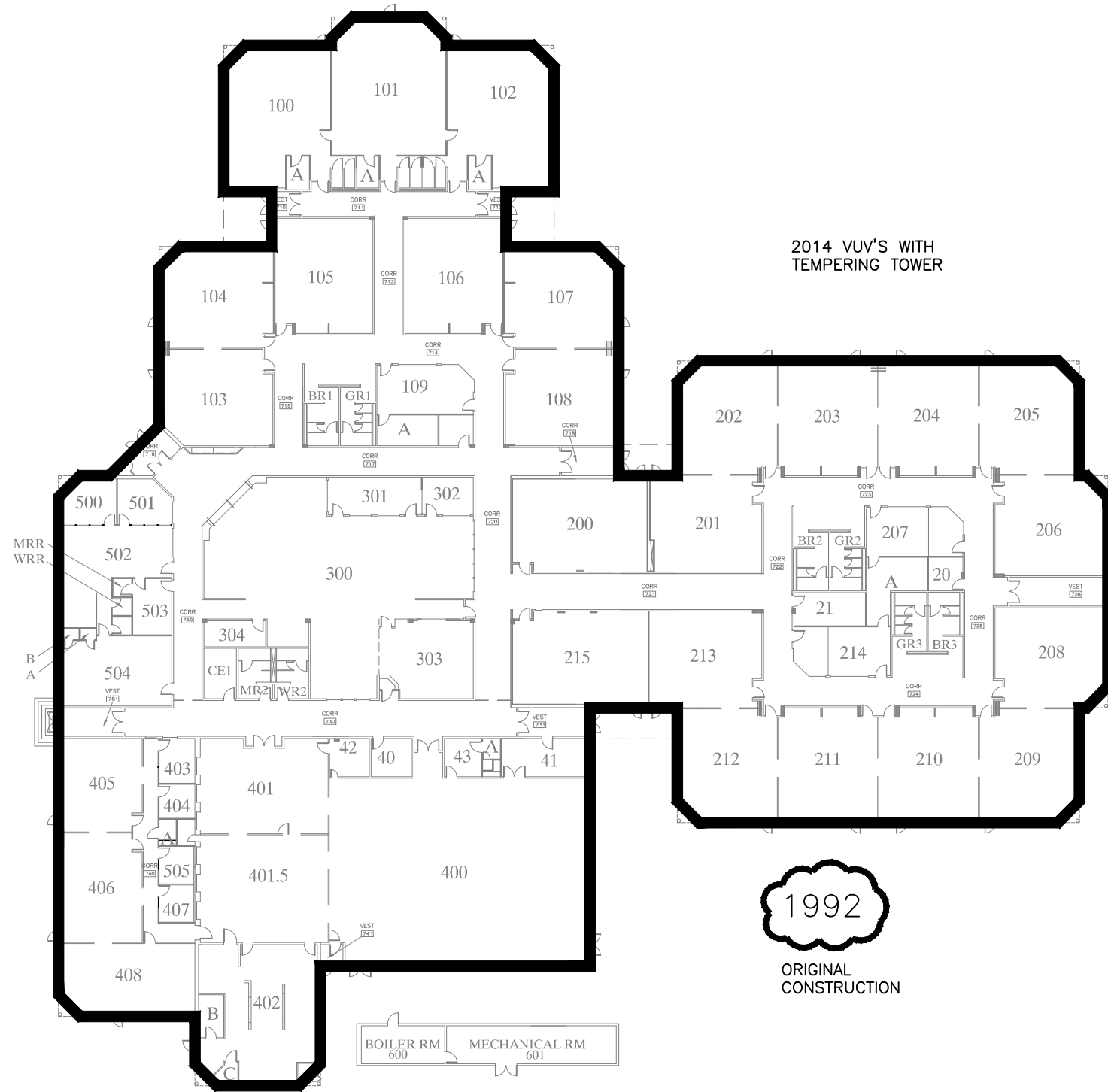


JOHNSON ELEMENTARY SCHOOL
FLOOR PLAN

TOTAL SQ FT=
55,804.19



<p>HORSETOOTH ENGINEERING LLC 970-556-9210</p>	<p>CLIENT Poudre School District R-1</p>	<p>PROJECT NAME Air Conditioning Study Phase 1 June 18th, 2015</p>	<p>Sheet Name JOHNSON Scale: 1" = 40' - 0"</p>
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KRUSE ELEMENTARY SCHOOL

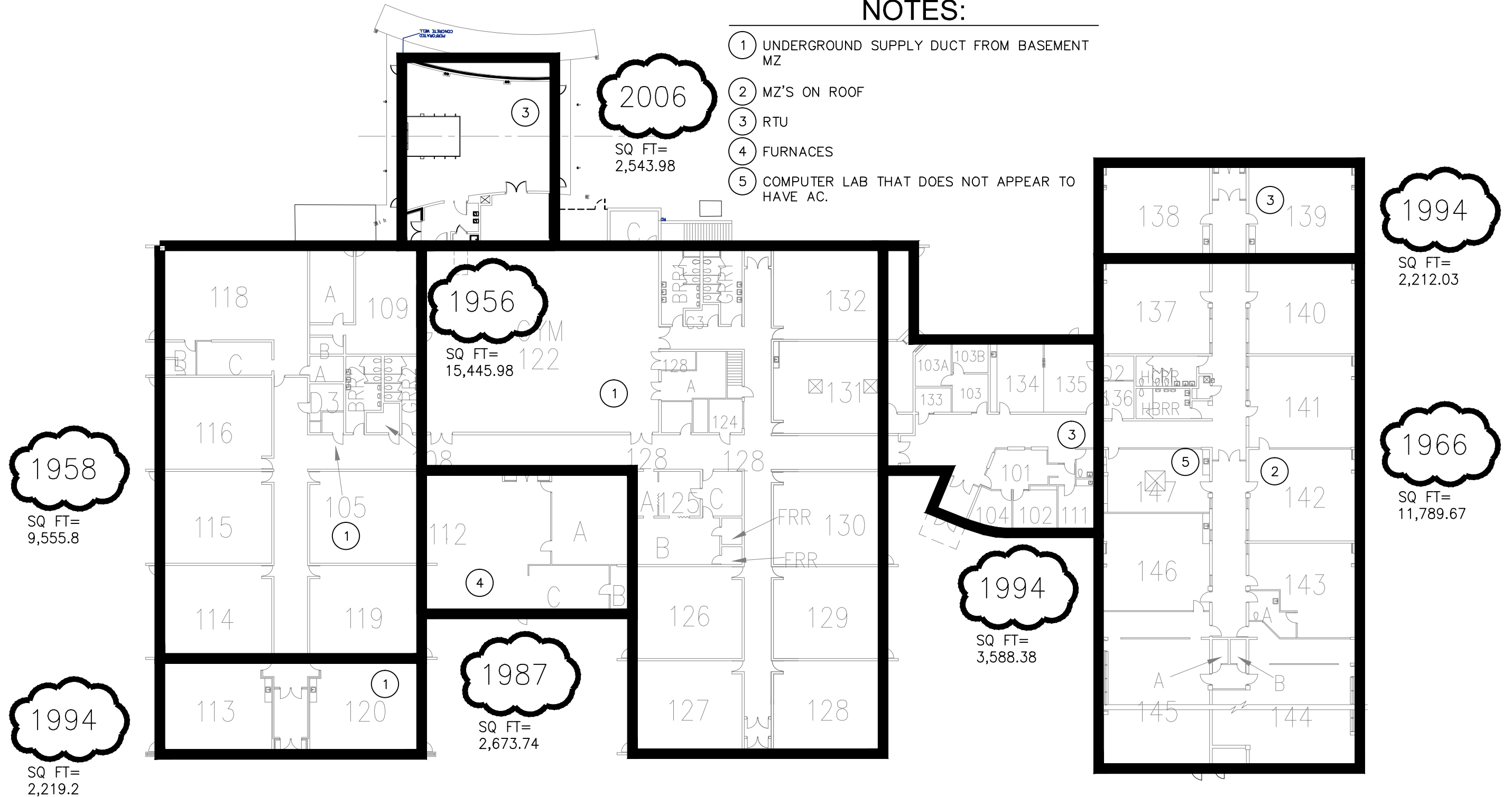
TOTAL SQ FT=
51,404.35



<p>HORSETOOTH ENGINEERING LLC 970-556-9210</p>	<p>CLIENT Poudre School District R-1</p>	<p>PROJECT NAME Air Conditioning Study Phase 1 June 18th, 2015</p>	<p>Sheet Name KRUSE Scale: 1" = 40' - 0"</p>
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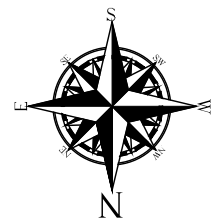
NOTES:

- ① UNDERGROUND SUPPLY DUCT FROM BASEMENT MZ
- ② MZ'S ON ROOF
- ③ RTU
- ④ FURNACES
- ⑤ COMPUTER LAB THAT DOES NOT APPEAR TO HAVE AC.

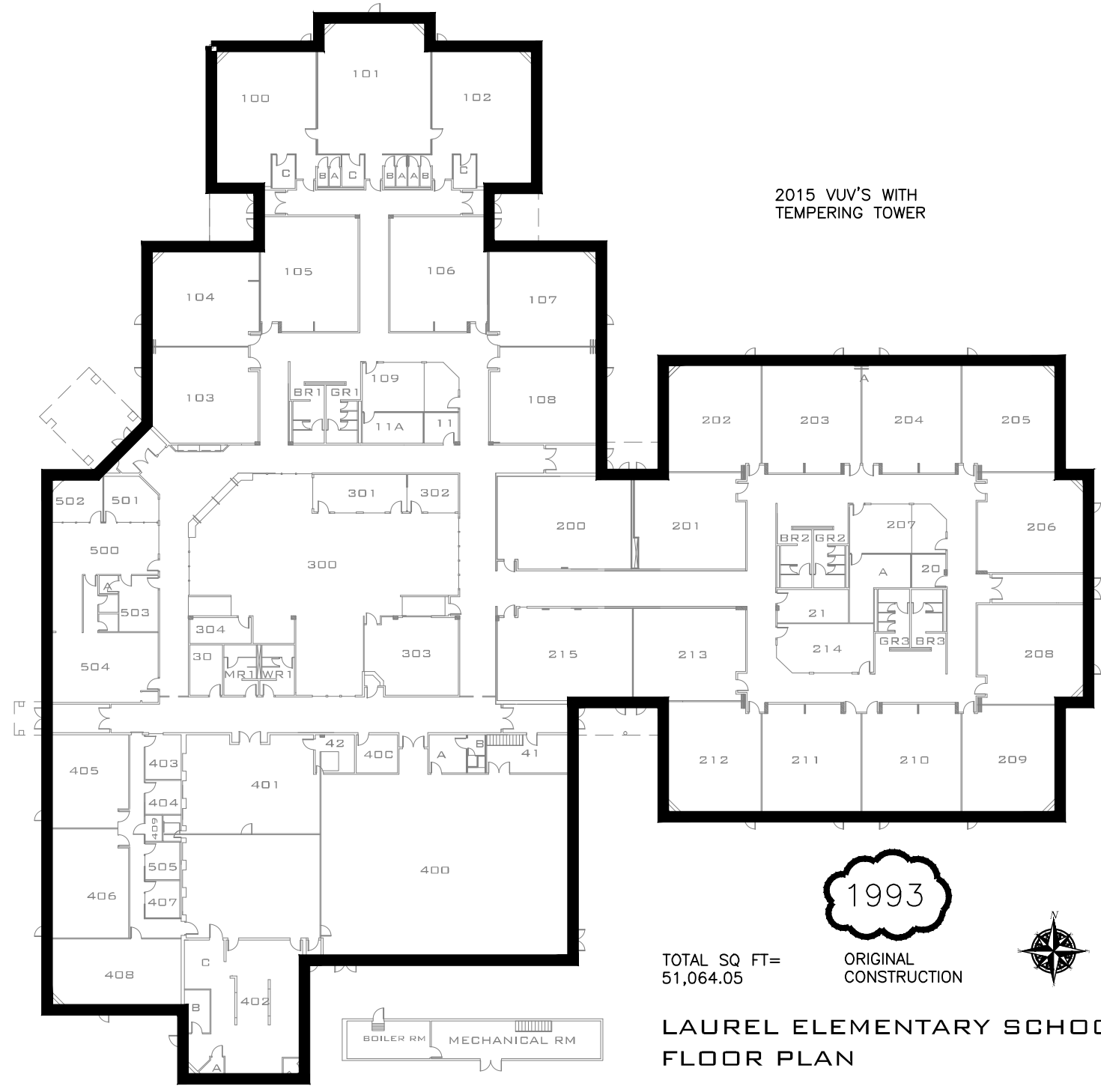


Lab School for Creative Learning
 Polaris Expeditionary Learning School
 FLOOR PLAN

TOTAL SQ FT=
 50,028.78



HORSETOOTH ENGINEERING LLC 970-556-9210	CLIENT Poudre School District R-1	PROJECT NAME Air Conditioning Study Phase 1 June 18th, 2015	Sheet Name LAB-POLARIS Scale: 1" = 30' - 0"
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2015 VUV'S WITH TEMPERING TOWER

1993

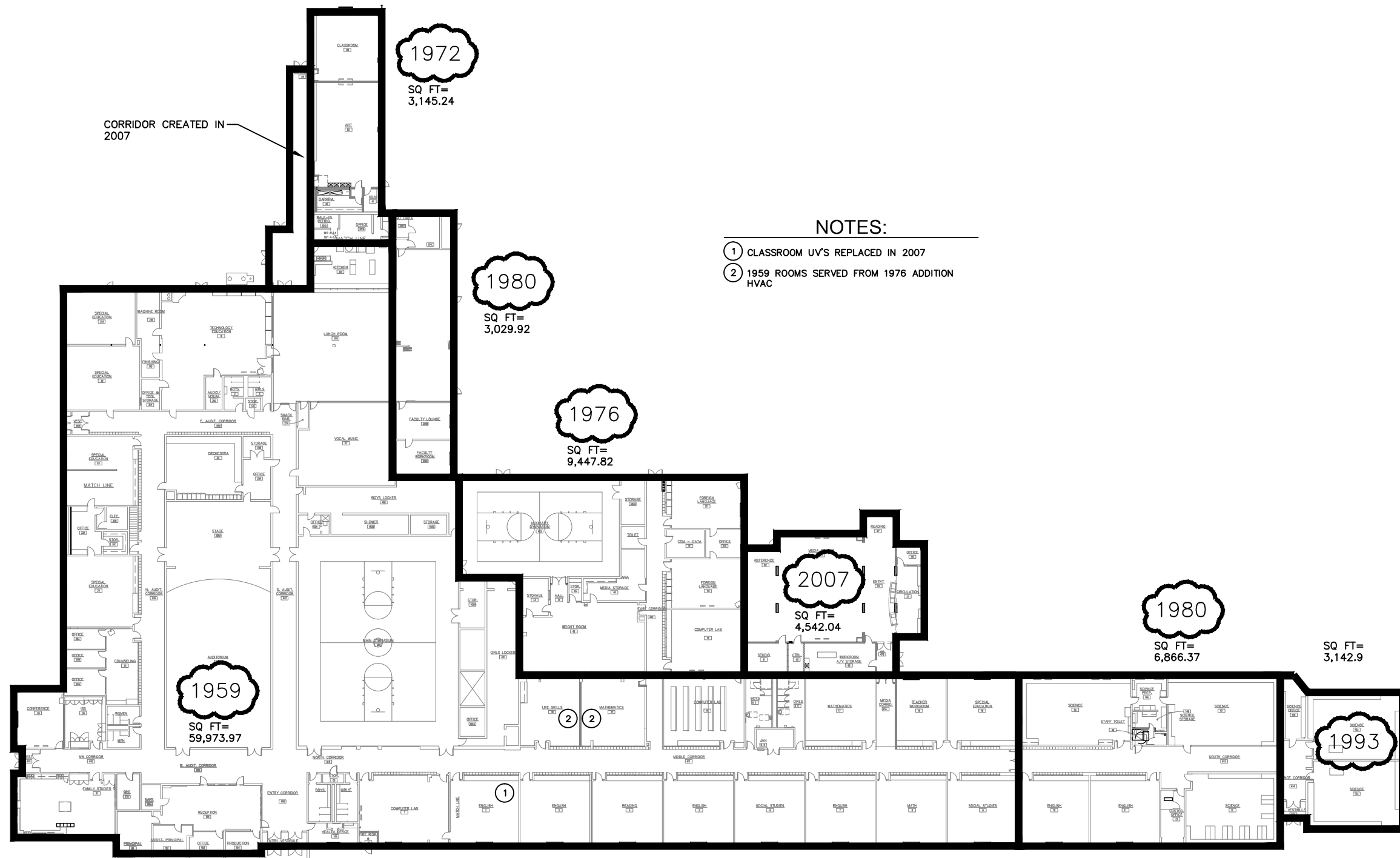
TOTAL SQ FT=
51,064.05

ORIGINAL
CONSTRUCTION



LAUREL ELEMENTARY SCHOOL
FLOOR PLAN

<p>HORSETOOTH ENGINEERING LLC 970-556-9210</p>	<p>CLIENT Poudre School District R-1</p>	<p>PROJECT NAME Air Conditioning Study Phase 1 June 18th, 2015</p>	<p>Sheet Name LAUREL Scale: 1" = 40' - 0"</p>
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NOTES:

- ① CLASSROOM UV'S REPLACED IN 2007
- ② 1959 ROOMS SERVED FROM 1976 ADDITION HVAC

CORRIDOR CREATED IN 2007

1972
SQ FT=
3,145.24

1980
SQ FT=
3,029.92

1976
SQ FT=
9,447.82

2007
SQ FT=
4,542.04

1980
SQ FT=
6,866.37

SQ FT=
3,142.9

1959
SQ FT=
59,973.97

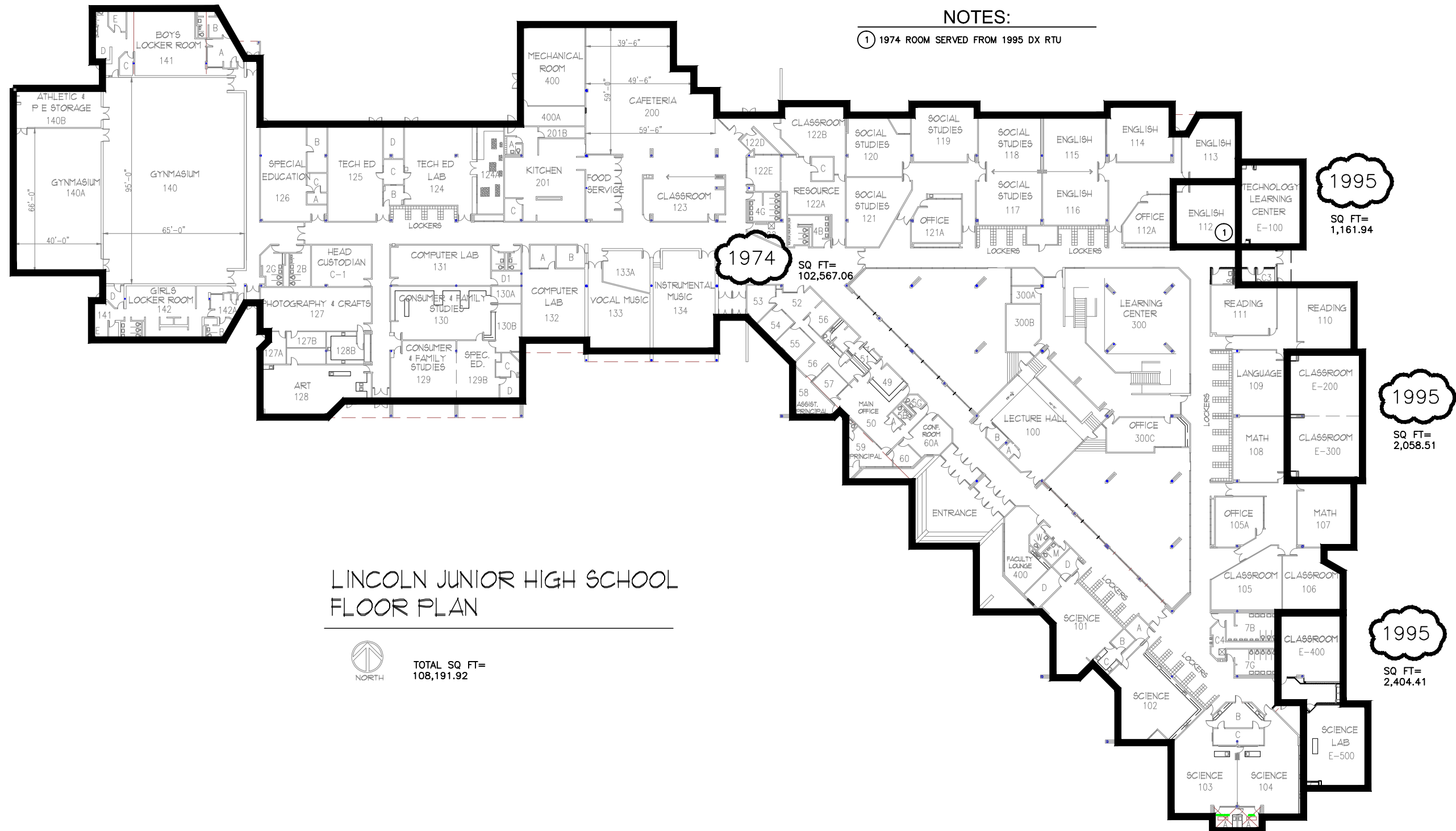
1993

LESHER JUNIOR HIGH



TOTAL SQ FT=
90,148.26

<p>HORSETOOTH ENGINEERING LLC 970-556-9210</p>	<p>CLIENT Poudre School District R-1</p>	<p>PROJECT NAME Air Conditioning Study Phase 1 June 18th, 2015</p>	<p>Sheet Name LESHER Scale: 1" = 50' - 0"</p>
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LINCOLN JUNIOR HIGH SCHOOL FLOOR PLAN



TOTAL SQ FT= 108,191.92

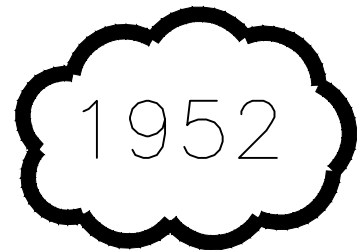
NOTES:

① 1974 ROOM SERVED FROM 1995 DX RTU

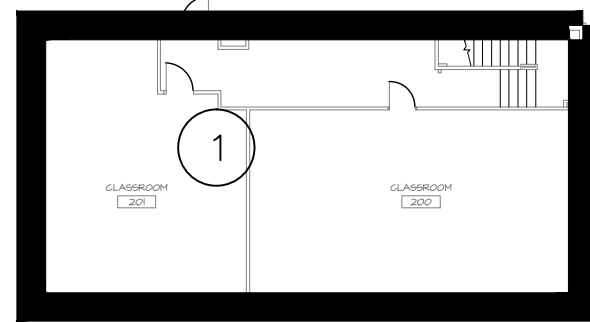
NOTES:

- ① UPDATED HVAC AND HEATING PLANT IN 1993
- ② AC FROM DX SPLIT SYSTEM ON FURNACE

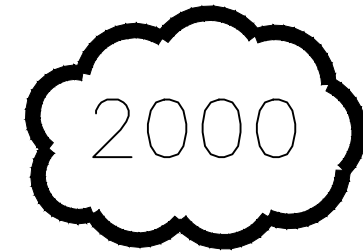
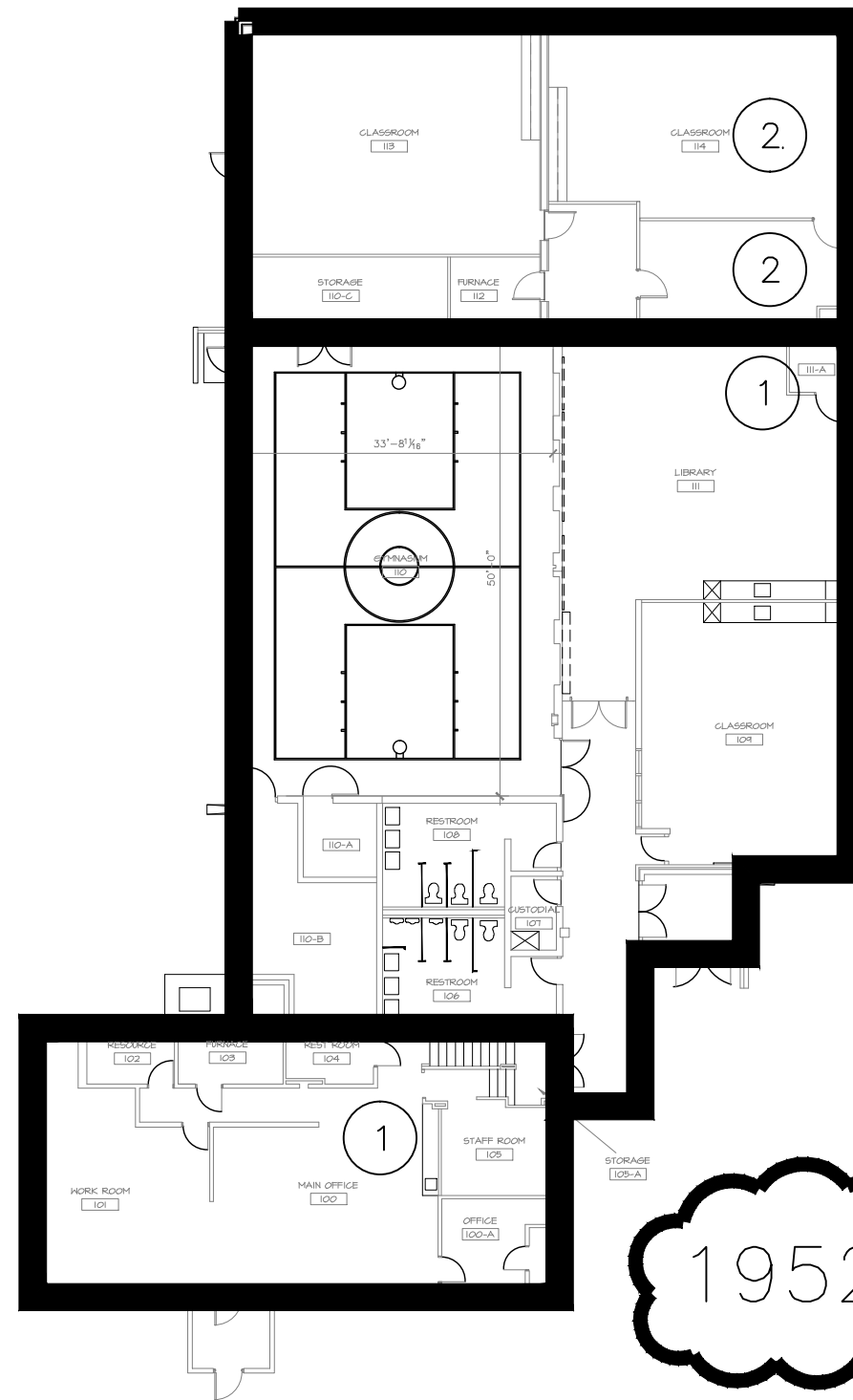
Livermore Elementary
TOTAL SQ FT=10,595.74



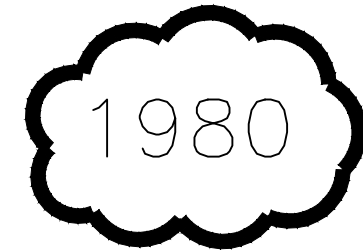
SQ FT=
1,703.55



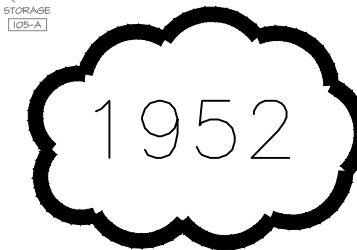
SECOND FLOOR PLAN



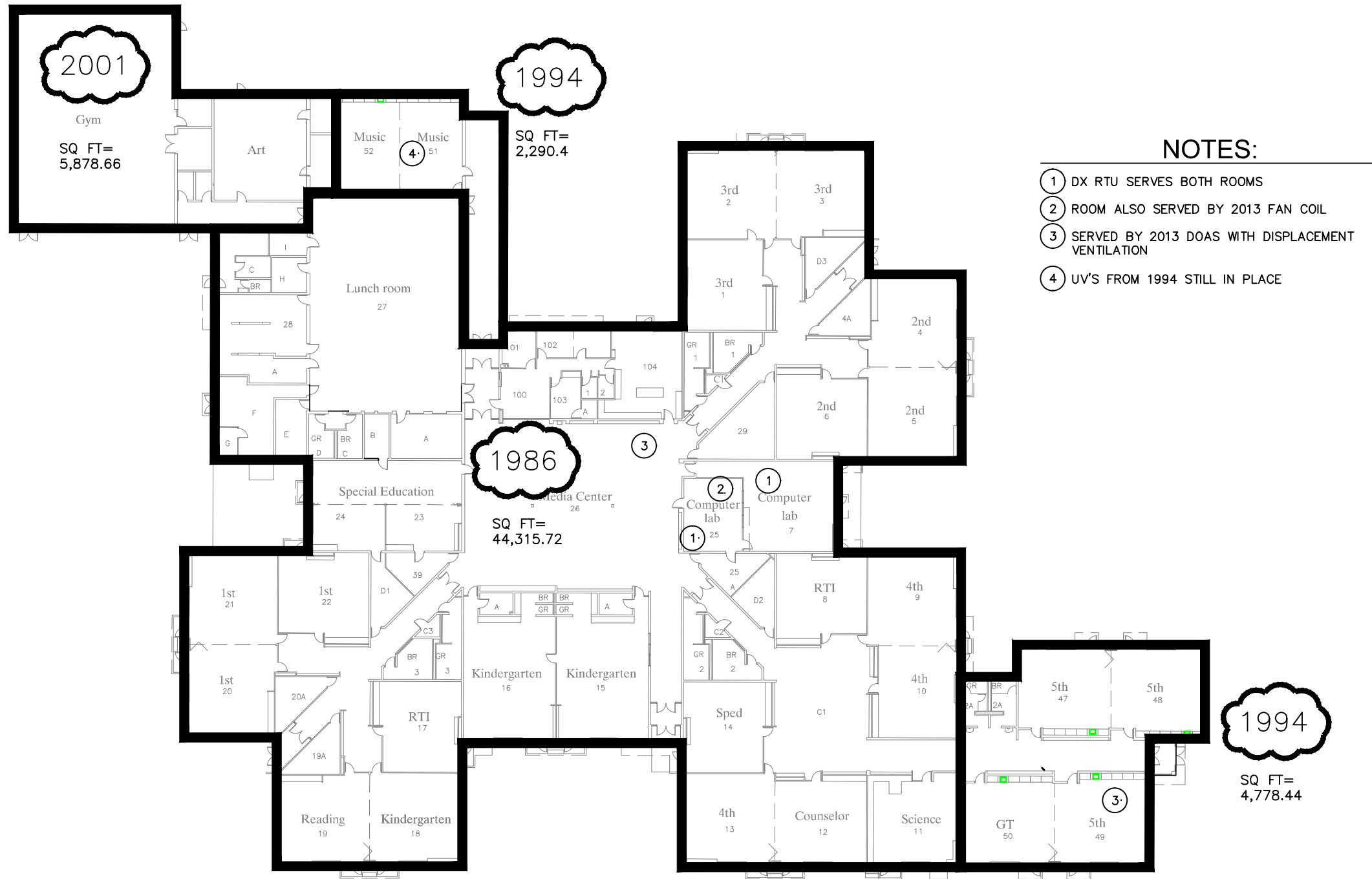
SQ FT=
2,290.05



SQ FT=
4,898.59



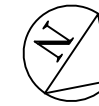
SQ FT=
1,703.55



- NOTES:**
- ① DX RTU SERVES BOTH ROOMS
 - ② ROOM ALSO SERVED BY 2013 FAN COIL
 - ③ SERVED BY 2013 DOAS WITH DISPLACEMENT VENTILATION
 - ④ UV'S FROM 1994 STILL IN PLACE

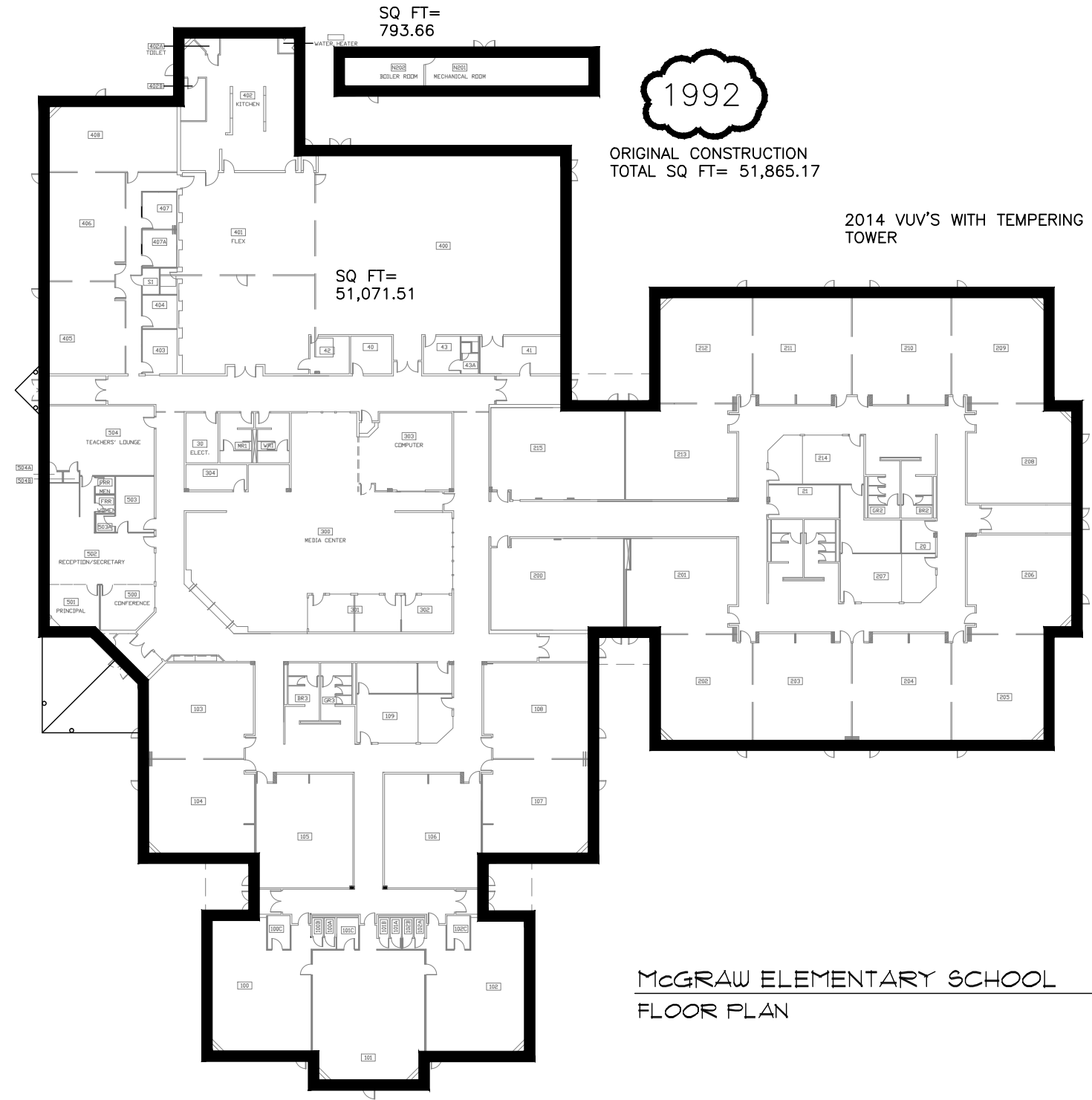
LOPEZ ELEMENTARY
FLOOR PLAN

TOTAL SQ FT=
57,263.22

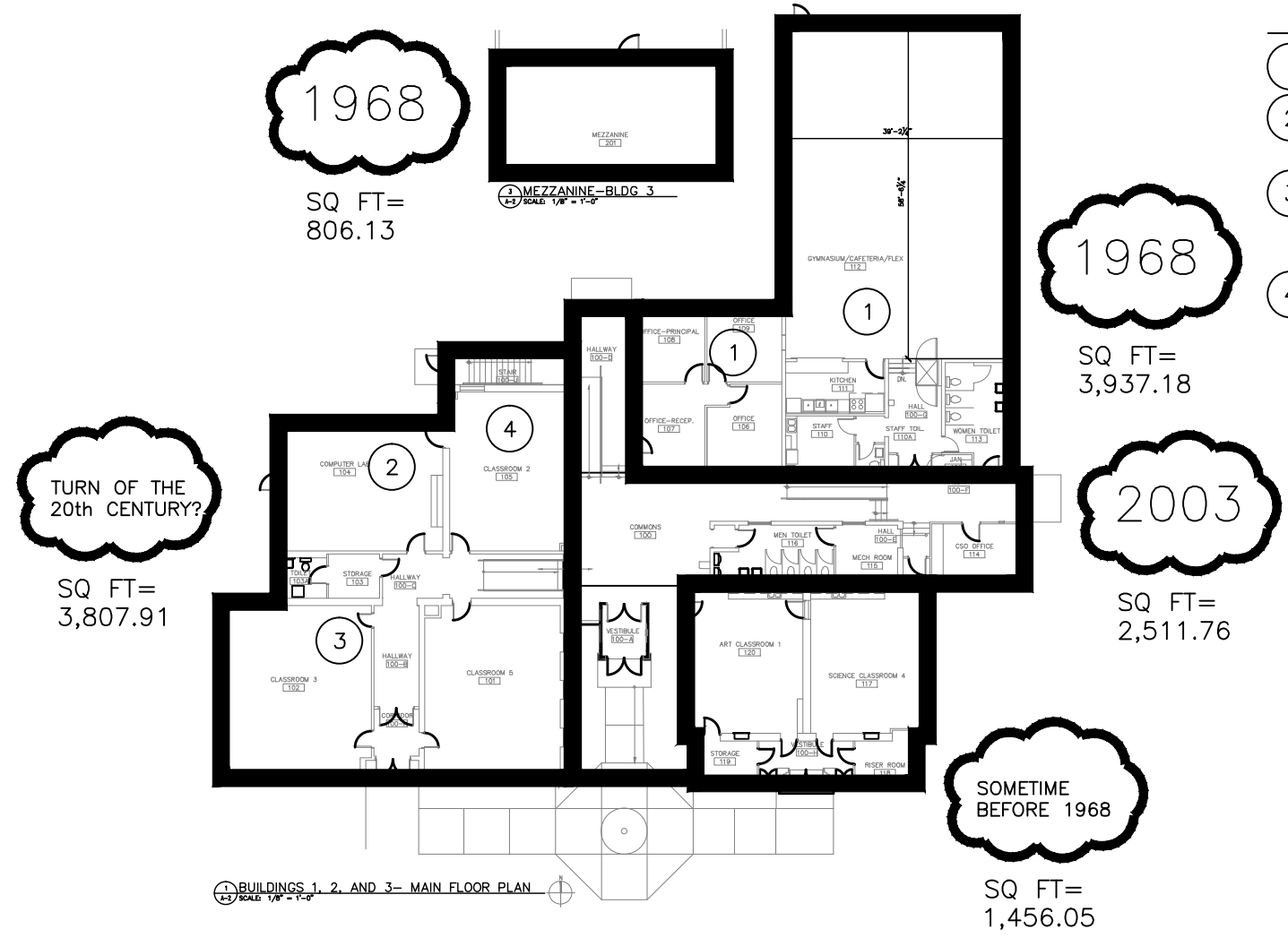


PROJECT NORTH TRUE NORTH

<p>HORSETOOTH ENGINEERING LLC 970-556-9210</p>	<p>CLIENT Poudre School District R-1</p>	<p>PROJECT NAME Air Conditioning Study Phase 1 June 18th, 2015</p>	<p>Sheet Name LOPEZ Scale: 1" = 40' - 0"</p>
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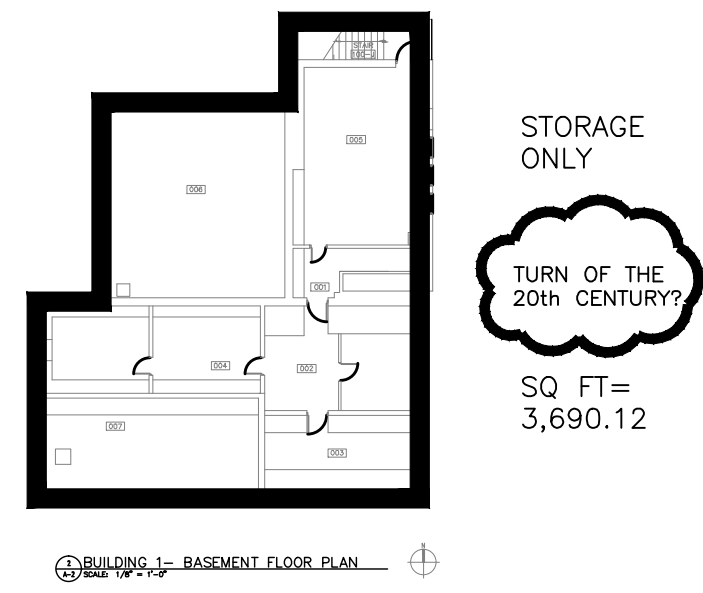


<p>HORSETOOTH ENGINEERING LLC 970-556-9210</p>	<p>CLIENT Poudre School District R-1</p>	<p>PROJECT NAME Air Conditioning Study Phase 1 June 18th, 2015</p>	<p>Sheet Name McGRAW Scale: 1" = 40' - 0"</p>
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NOTES:

- ① HVAC UPDATED 2003
- ② DX SPLIT SYSTEM FOR COMPUTER LAB. INSTALL DATE UNKNOWN.
- ③ BASEBOARD HEAT AND OPERABLE WINDOWS FOR ORIGINAL CONSTRUCTION. TURN OF THE 20th CENTURY.
- ④ NO VENTILATION AIR IN THIS ROOM.

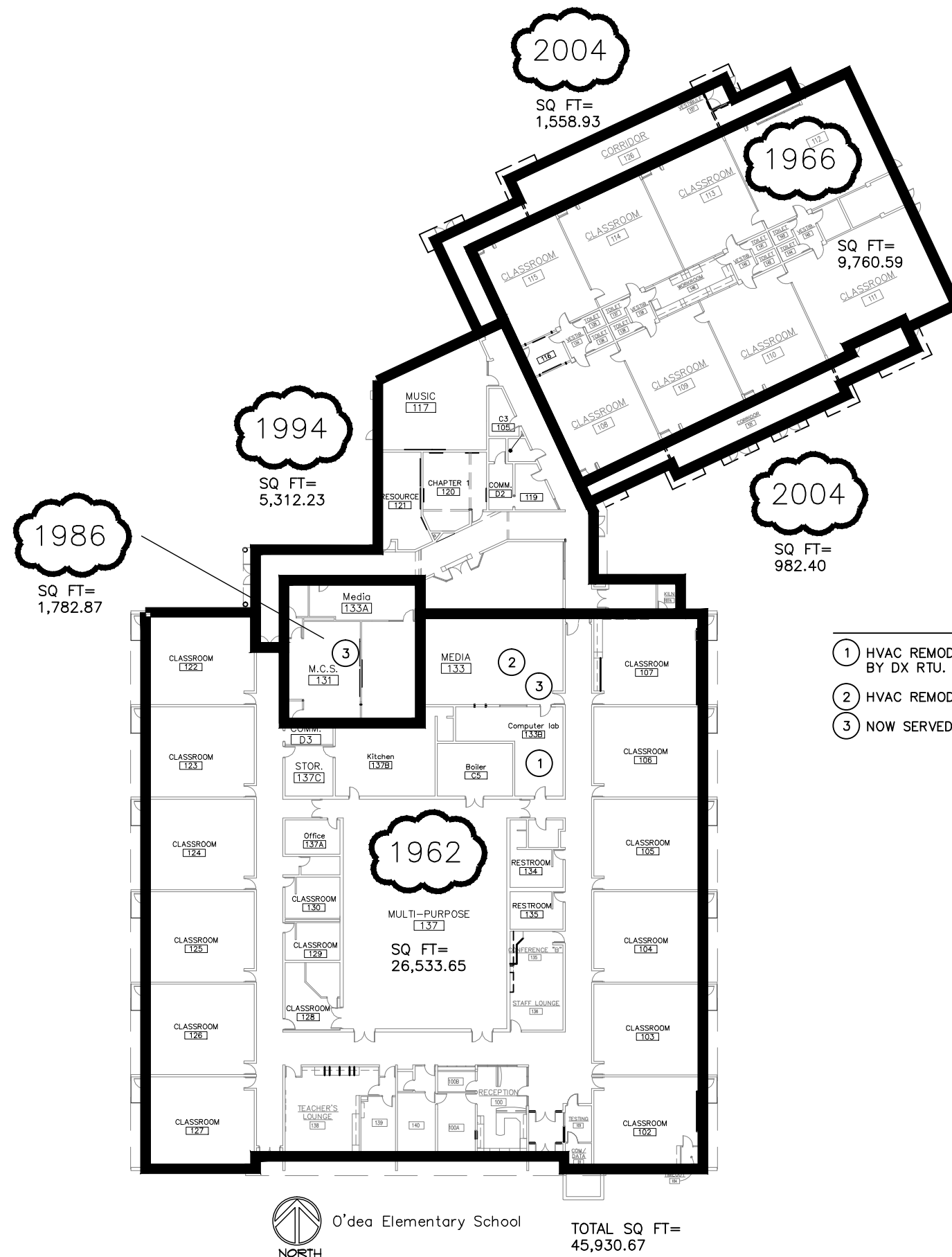


Mountain View School



TOTAL SQ FT=
16,209.15

<p>HORSETOOTH ENGINEERING LLC 970-556-9210</p>	<p>CLIENT Poudre School District R-1</p>	<p>PROJECT NAME Air Conditioning Study Phase 1 June 18th, 2015</p>	<p>Sheet Name POUDRE COMMUNITY ACADEMY - MOUNTAIN VIEW Scale: 1" = 30' - 0"</p>
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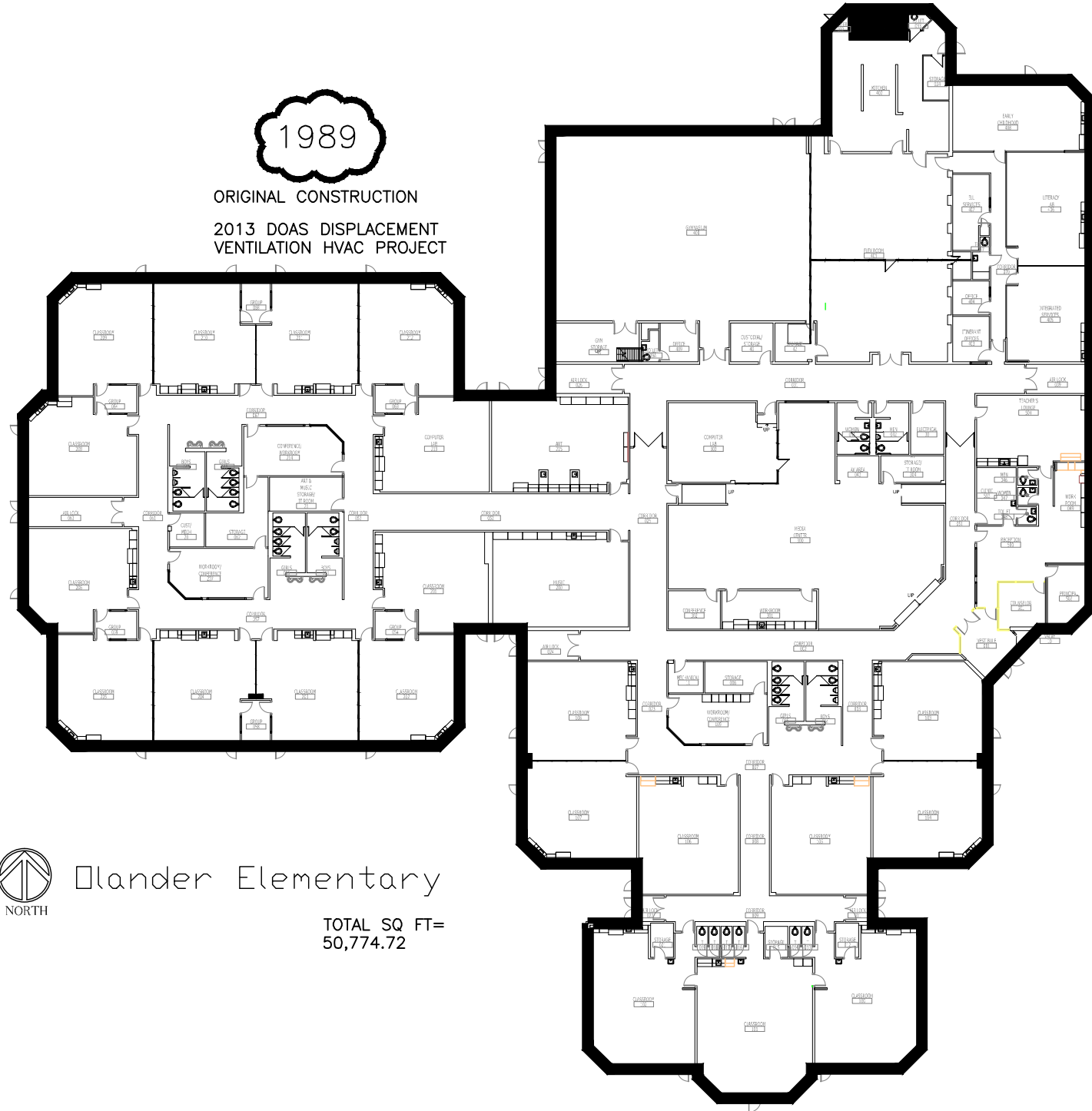
NOTES:

- ① HVAC REMODEL IN 1986. CURRENTLY SERVED BY DX RTU. INSTALL DATE UNCERTAIN.
- ② HVAC REMODEL IN 1986
- ③ NOW SERVED BY 1994 REMODEL

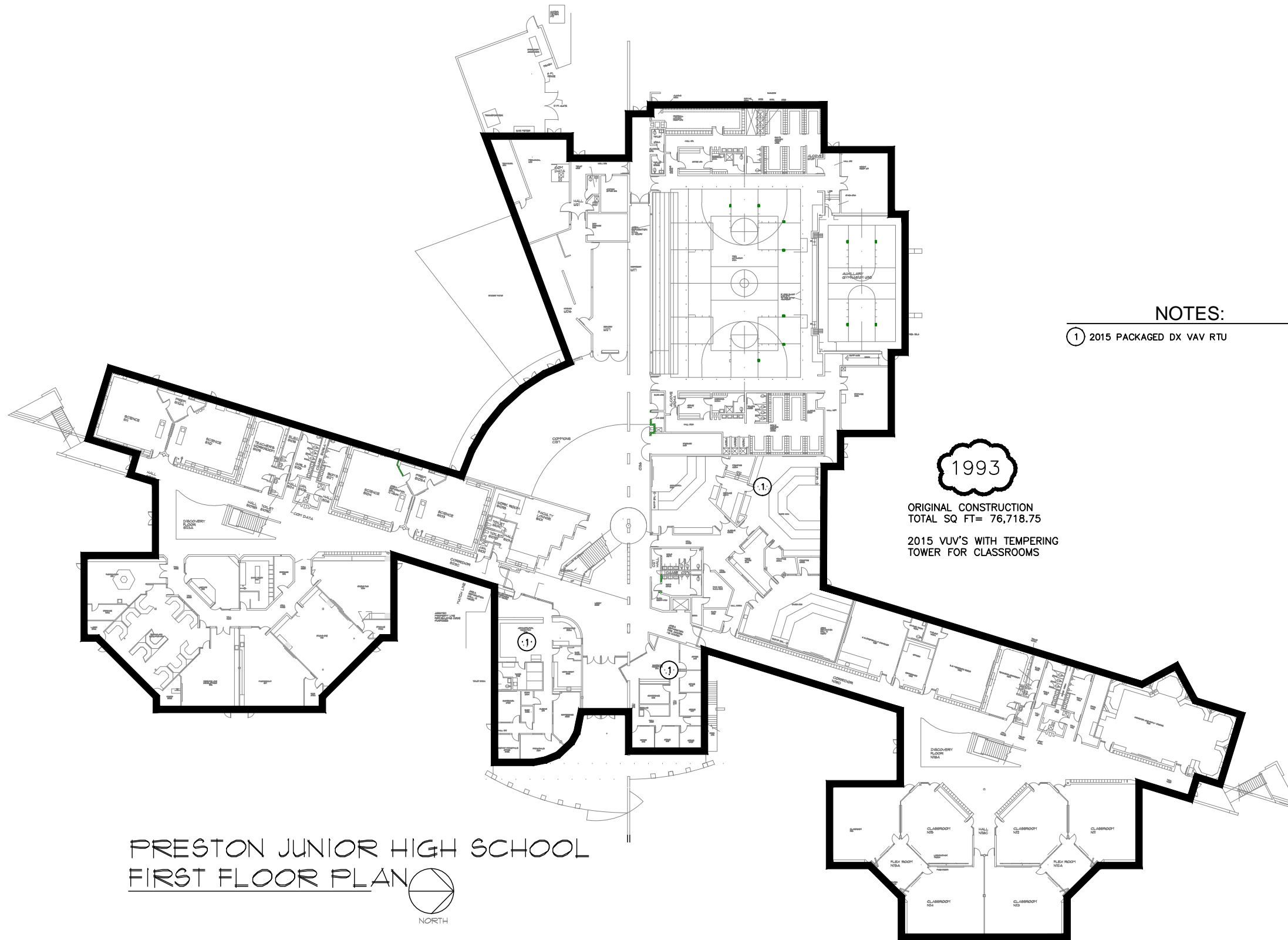


O'dea Elementary School

TOTAL SQ FT= 45,930.67



<p>HORSETOOTH ENGINEERING LLC 970-556-9210</p>	<p>CLIENT Poudre School District R-1</p>	<p>PROJECT NAME Air Conditioning Study Phase 1 June 18th, 2015</p>	<p>Sheet Name OLANDER Scale: 1" = 40' - 0"</p>
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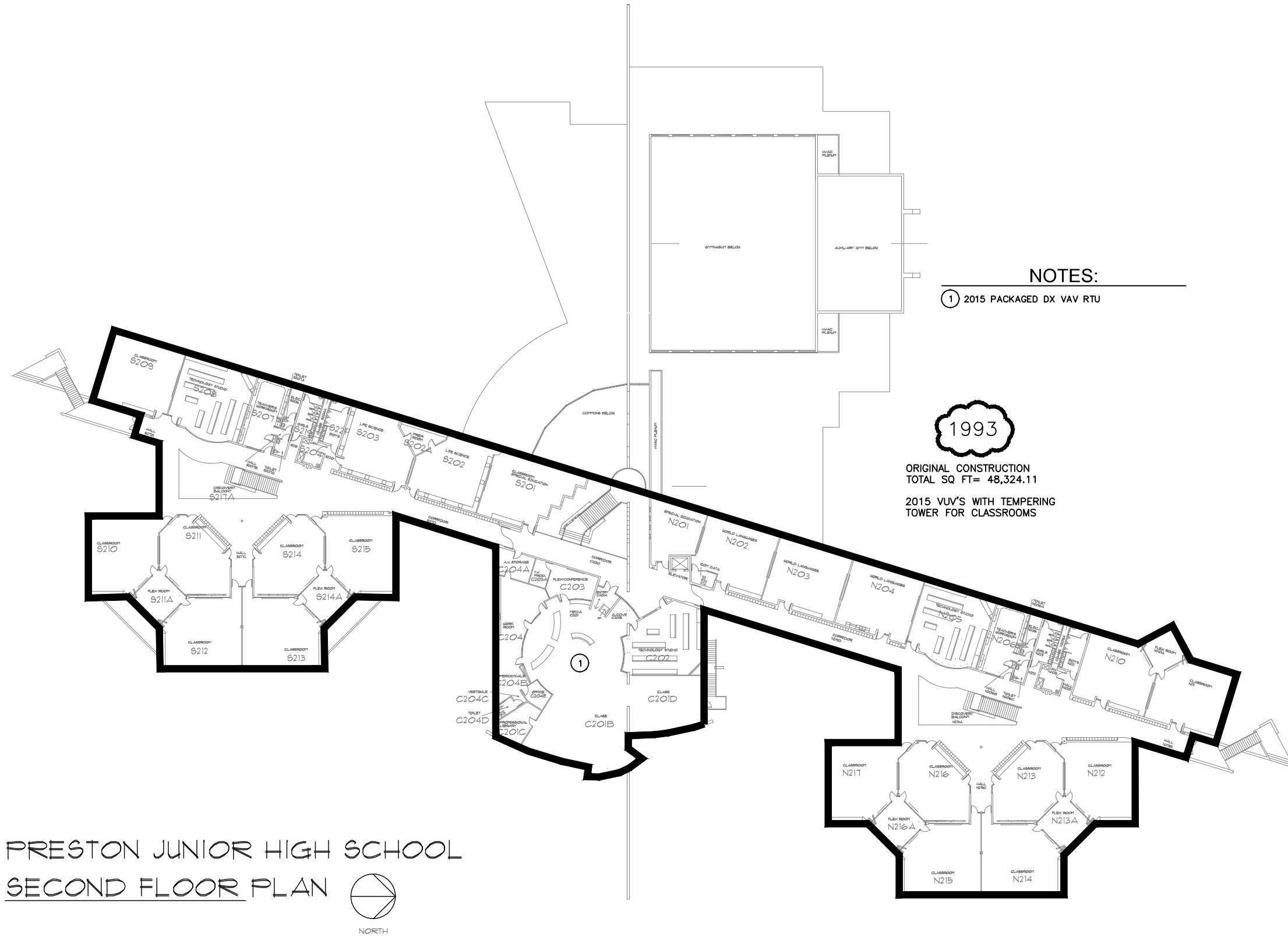


NOTES:

- ① 2015 PACKAGED DX VAV RTU

PRESTON JUNIOR HIGH SCHOOL
 FIRST FLOOR PLAN





NOTES:

① 2015 PACKAGED DX VAV RTU

1993

ORIGINAL CONSTRUCTION
TOTAL SQ FT= 48,324.11

2015 VUV'S WITH TEMPERING
TOWER FOR CLASSROOMS

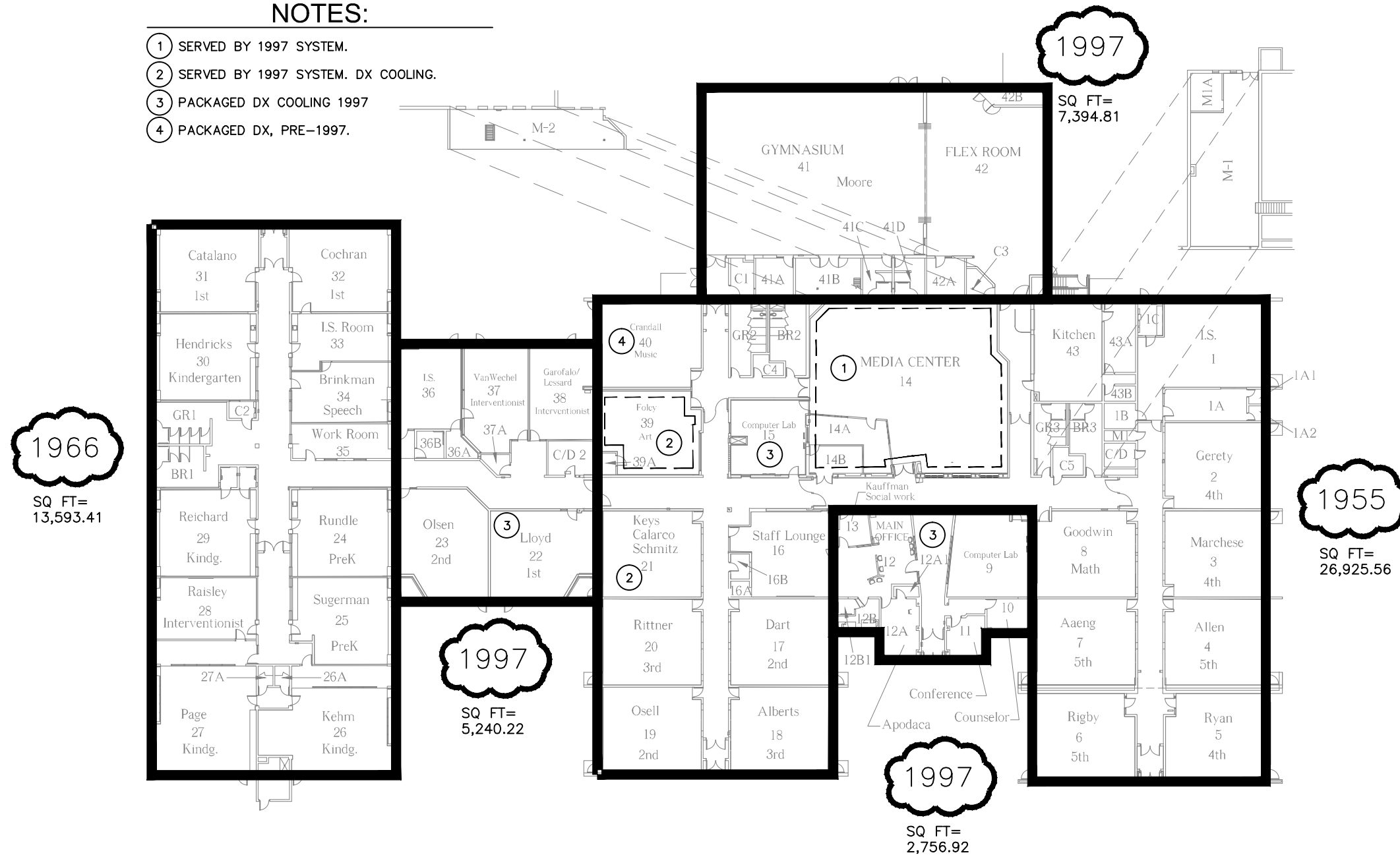
PRESTON JUNIOR HIGH SCHOOL
SECOND FLOOR PLAN



<p>HORSETOOTH ENGINEERING LLC 970-556-9210</p>	<p>CLIENT Poudre School District R-1</p>	<p>PROJECT NAME Air Conditioning Study Phase 1 June 18th, 2015</p>	<p>Sheet Name PRESTON Scale: 1" = 50' - 0"</p>
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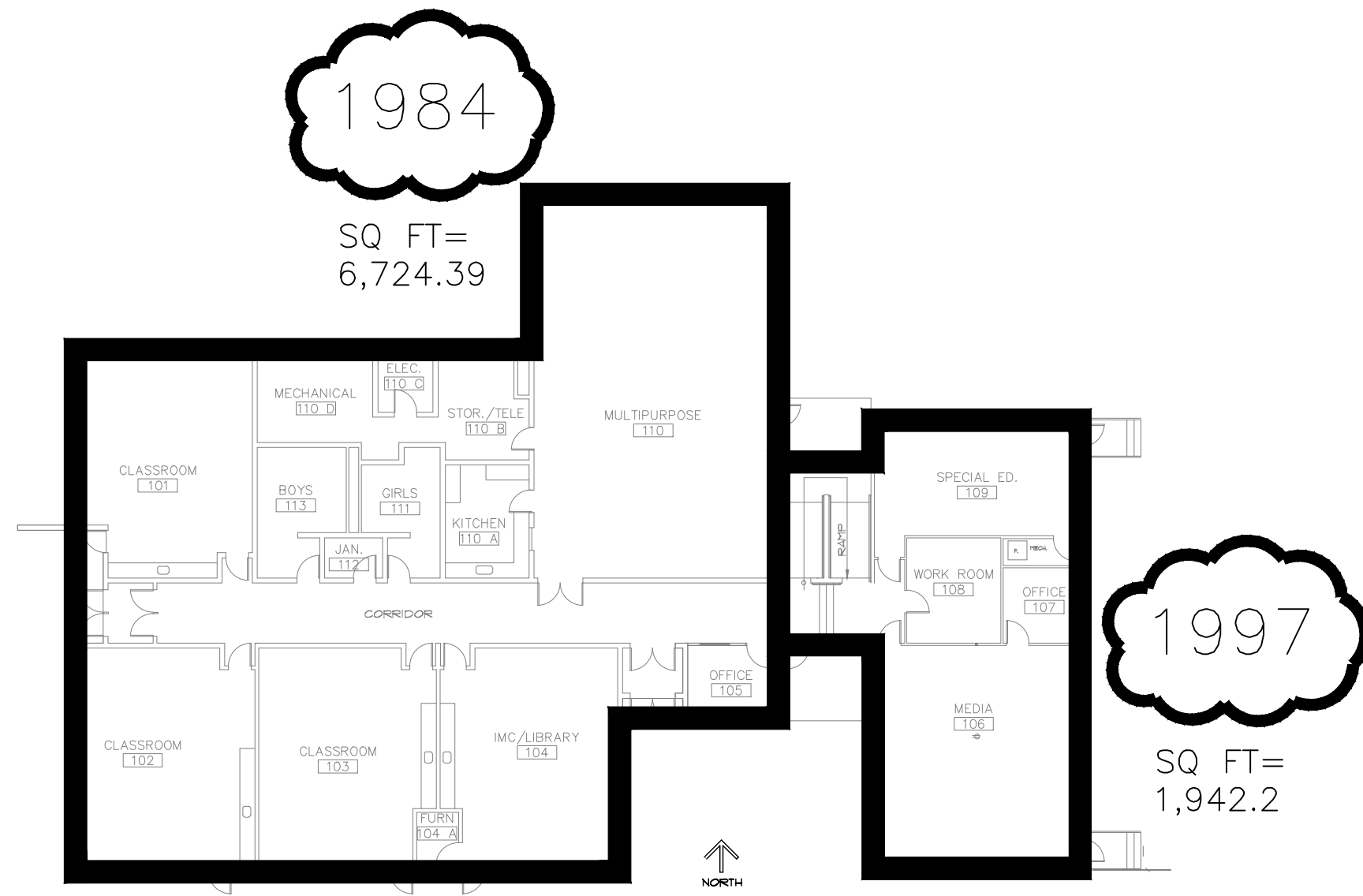
NOTES:

- ① SERVED BY 1997 SYSTEM.
- ② SERVED BY 1997 SYSTEM. DX COOLING.
- ③ PACKAGED DX COOLING 1997
- ④ PACKAGED DX, PRE-1997.

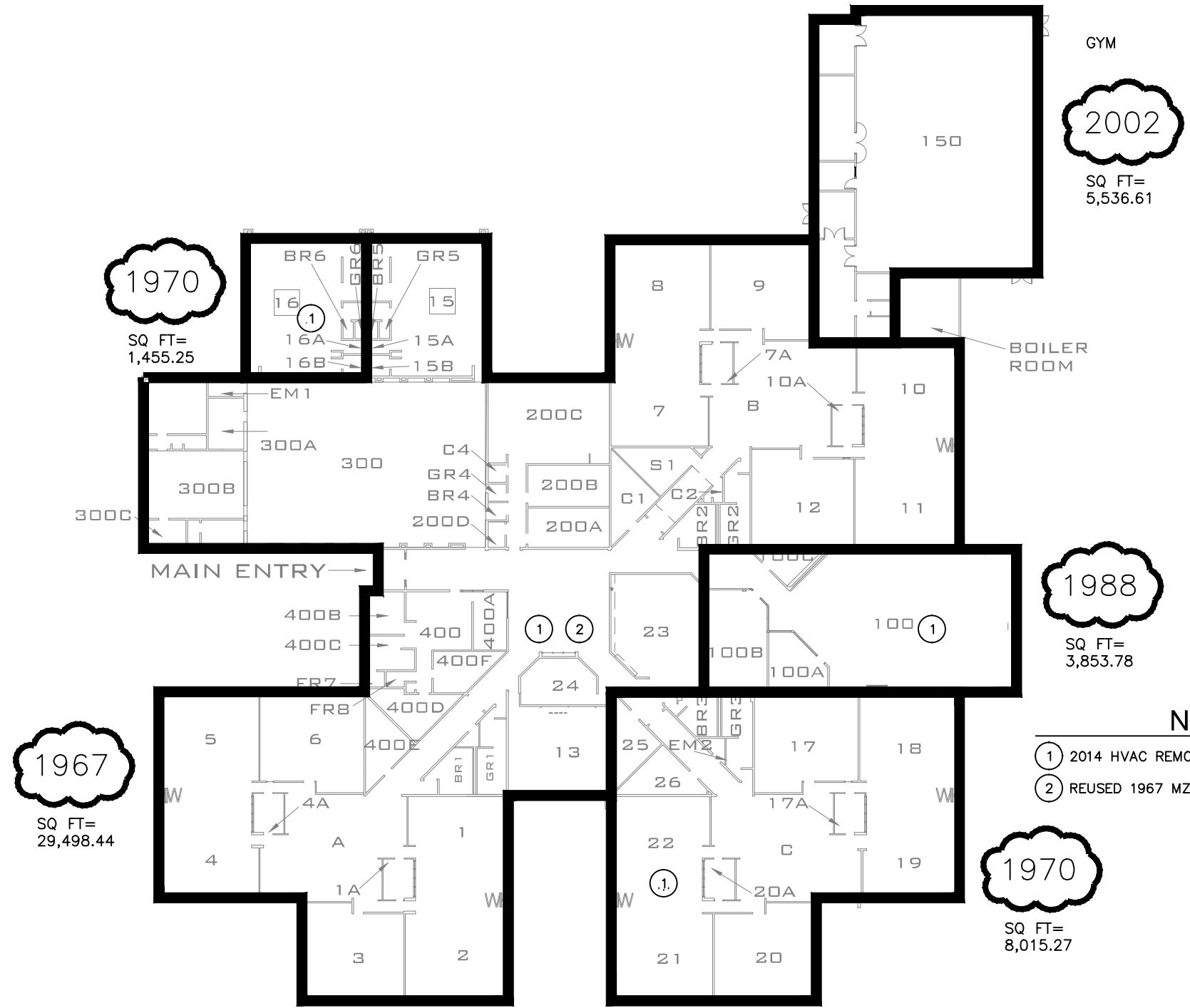


**PUTNAM ELEMENTARY FLOOR PLAN
2012-2013**

TOTAL SQ FT=
55,910.92



<p>HORSETOOTH ENGINEERING LLC 970-556-9210</p>	<p>CLIENT Poudre School District R-1</p>	<p>PROJECT NAME Air Conditioning Study Phase 1 June 18th, 2015</p>	<p>Sheet Name RED FEATHER Scale: 1" = 20' - 0"</p>
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GYM
2002
SQ FT=
5,536.61

1970
SQ FT=
1,455.25

1988
SQ FT=
3,853.78

1967
SQ FT=
29,498.44

1970
SQ FT=
8,015.27

- NOTES:
- ① 2014 HVAC REMODEL
 - ② REUSED 1967 MZ'S

RIFFENBURGH ELEMENTARY SCHOOL FLOOR PLAN

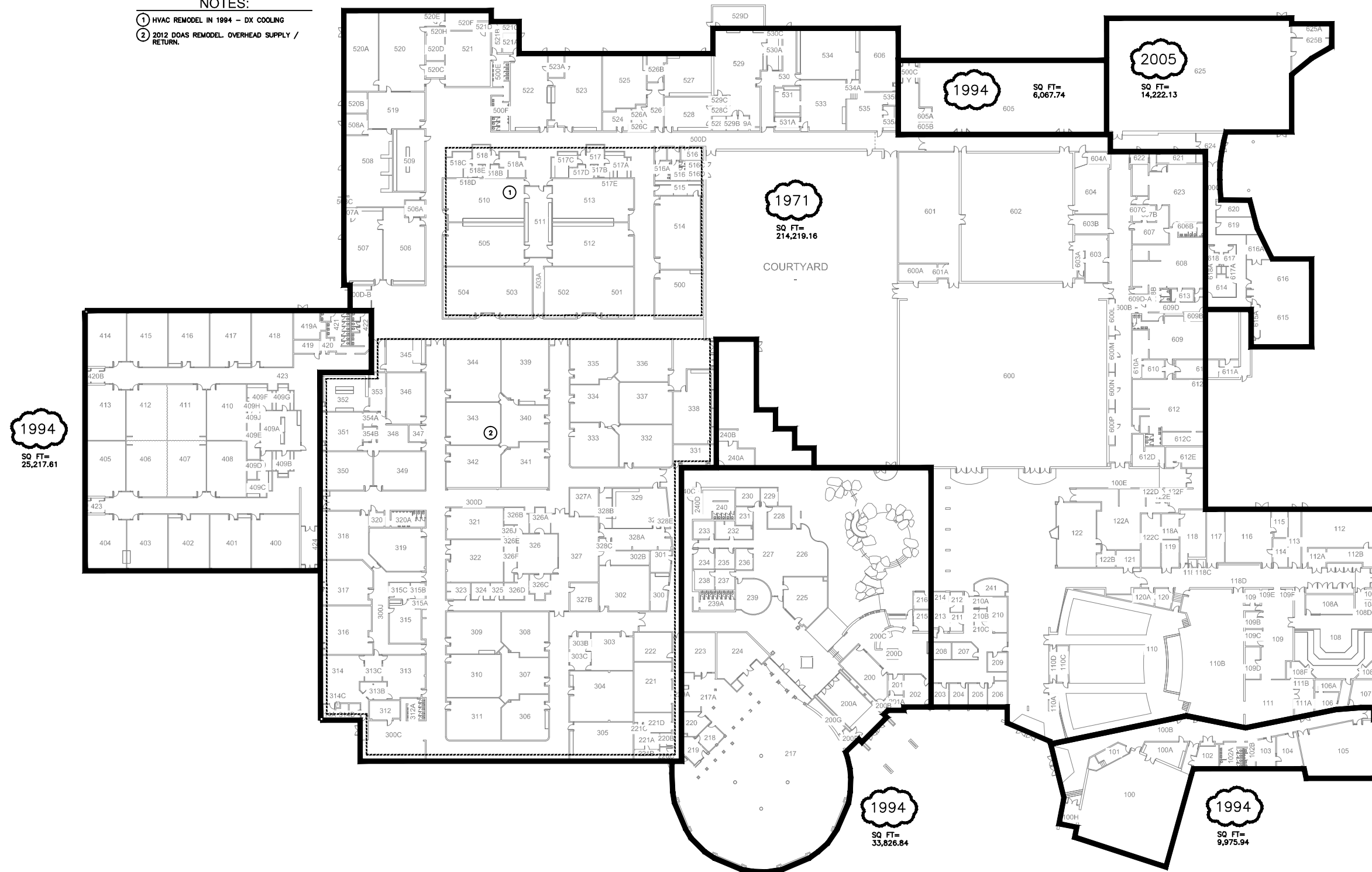


TOTAL SQ FT=
48,359.35

HORSETOOTH ENGINEERING LLC 970-556-9210	CLIENT Poudre School District R-1	PROJECT NAME Air Conditioning Study Phase 1 June 18th, 2015	Sheet Name RIFFENBURGH Scale: 1" = 40' - 0"
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NOTES:

- ① HVAC REMODEL IN 1994 - DX COOLING
- ② 2012 DOAS REMODEL. OVERHEAD SUPPLY / RETURN.



ROCKY MOUNTAIN HIGH SCHOOL
1300 WEST SWALLOW



TOTAL SQ FT=
303,529.42

HORSETOOTH ENGINEERING LLC
970-556-9210

CLIENT

Poudre School District R-1

PROJECT NAME

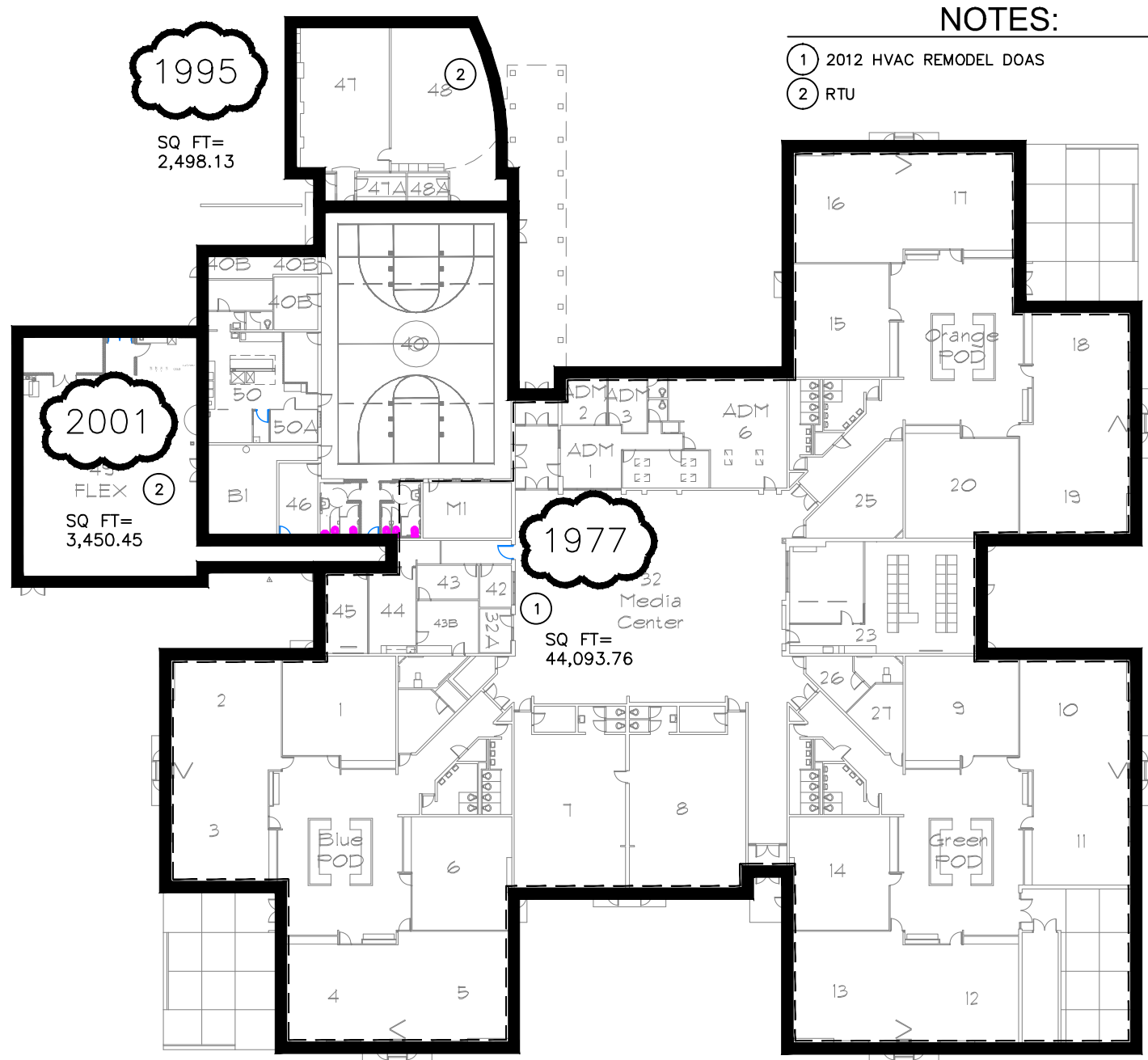
Air Conditioning Study Phase 1

Sheet Name

ROCKY MOUNTAIN

June 18th, 2015

Scale: 1" = 70' - 0"



NOTES:

- ① 2012 HVAC REMODEL DOAS
- ② RTU

TOTAL SQ FT=
50,042.34

Shepardson Elementary



<p>HORSETOOTH ENGINEERING LLC 970-556-9210</p>	<p>CLIENT Poudre School District R-1</p>	<p>PROJECT NAME Air Conditioning Study Phase 1 June 18th, 2015</p>	<p>Sheet Name SHEPARDSON Scale: 1" = 40' - 0"</p>
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1988

SQ FT=
941.68

1972

SQ FT=
2,493.38

2005

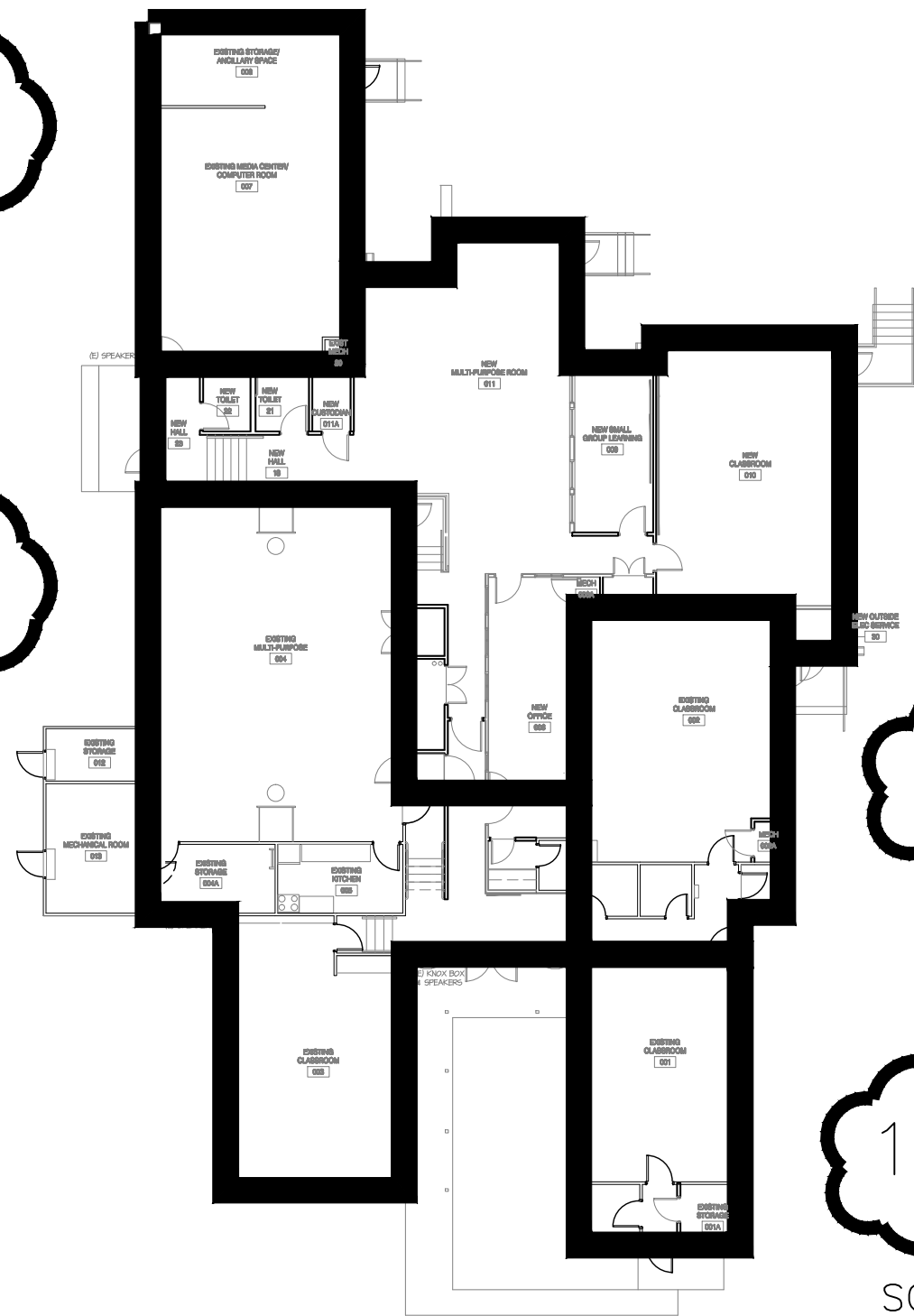
SQ FT=
2,770.09

1960

SQ FT=
930.07

1896

SQ FT=
632.1

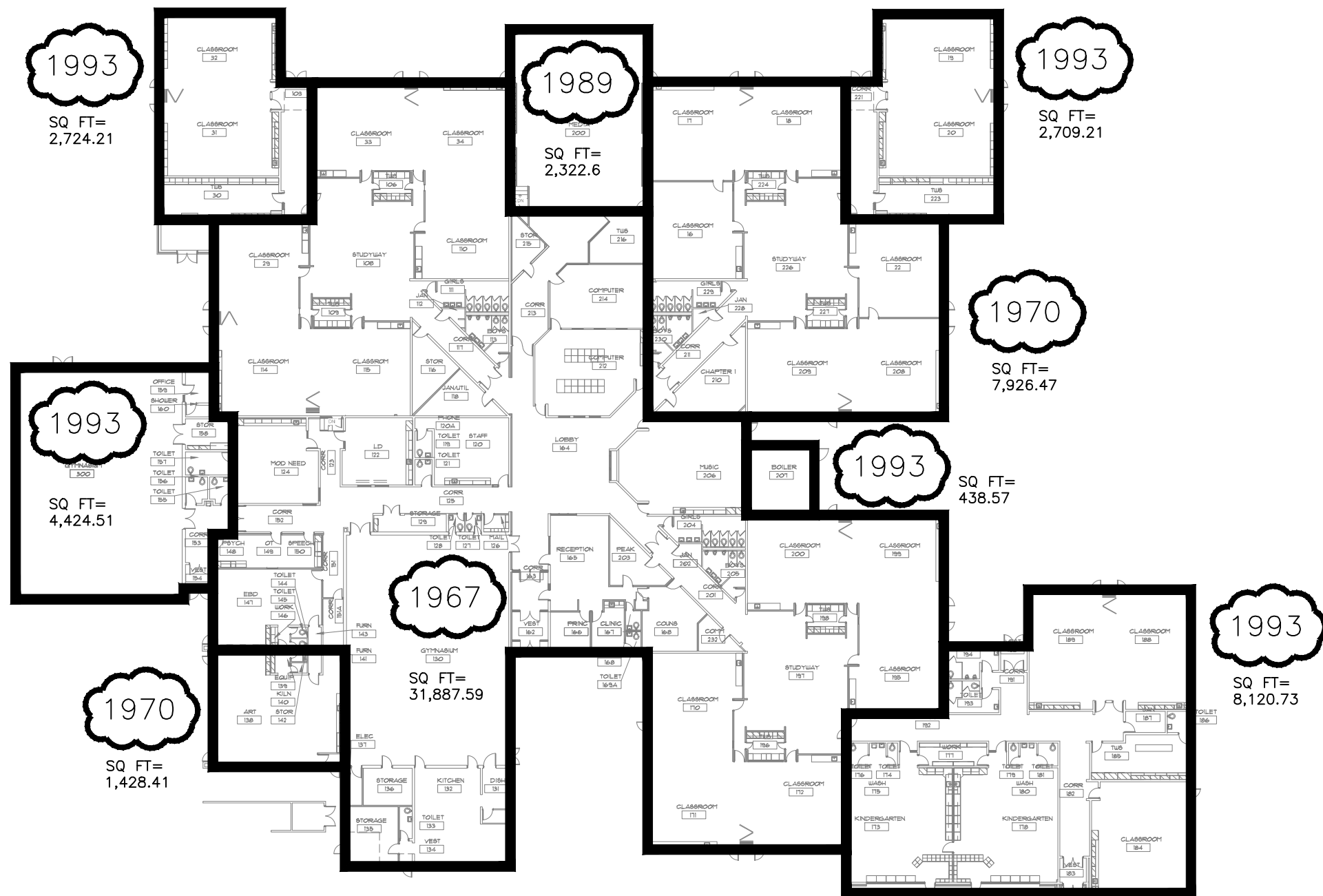


Stove Prairie Elementary

TOTAL SQ FT=
7,767.32



<p>HORSETOOTH ENGINEERING LLC 970-556-9210</p>	<p>CLIENT Poudre School District R-1</p>	<p>PROJECT NAME Air Conditioning Study Phase 1 June 18th, 2015</p>	<p>Sheet Name STOVE PRAIRIE Scale: 1" = 20' - 0"</p>
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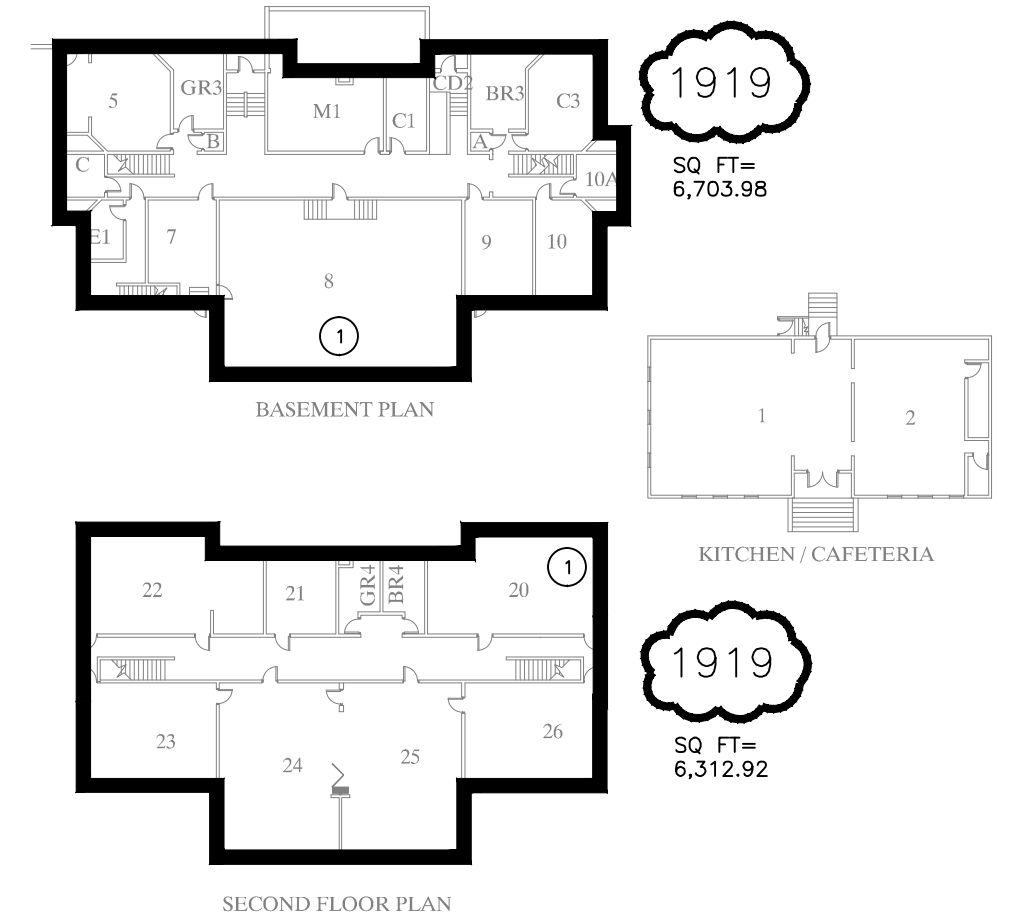
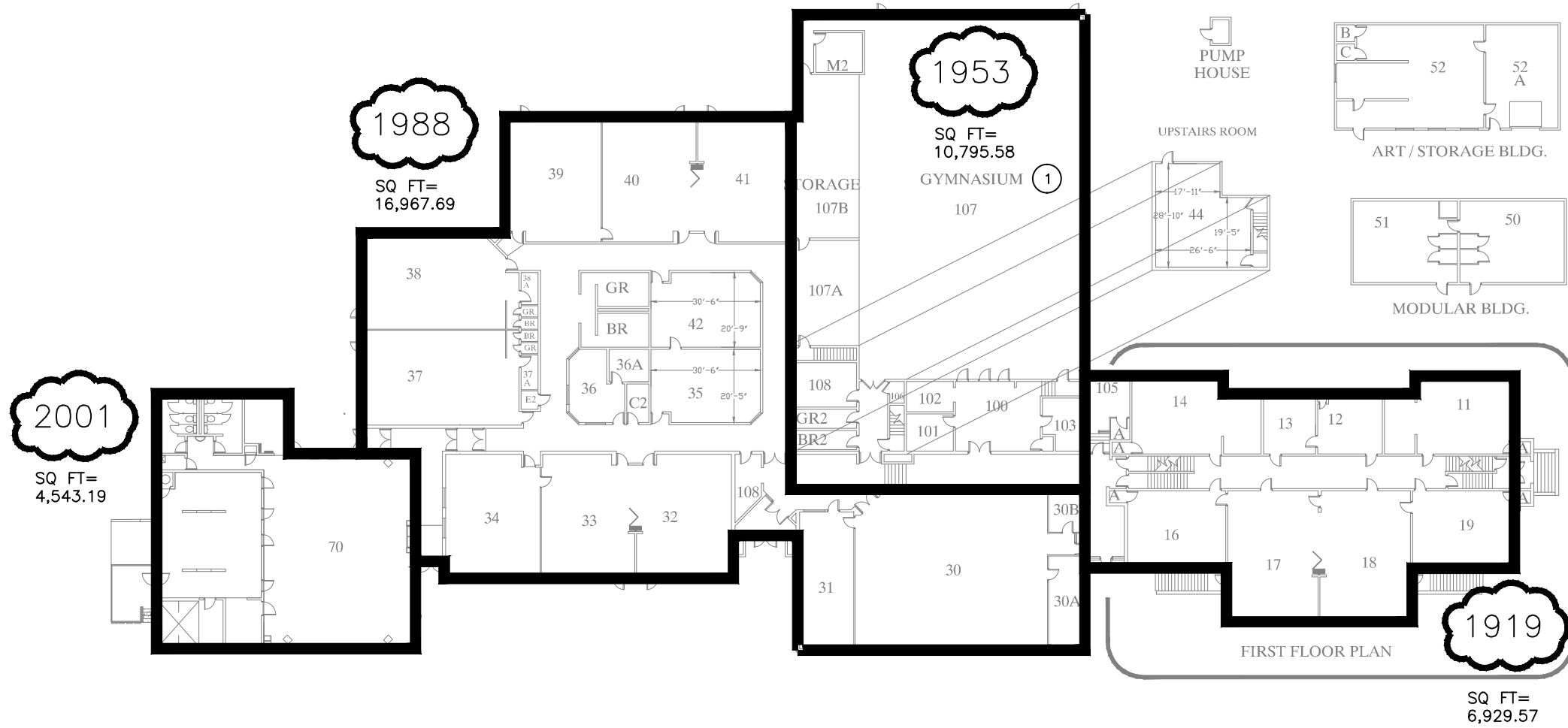


Tavelli Elementary

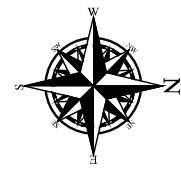


TOTAL SQ FT= 61,982.3

<p>HORSETOOTH ENGINEERING LLC 970-556-9210</p>	<p>CLIENT Poudre School District R-1</p>	<p>PROJECT NAME Air Conditioning Study Phase 1 June 18th, 2015</p>	<p>Sheet Name TAVELLI Scale: 1" = 40' - 0"</p>
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TIMNATH ELEMENTARY SCHOOL

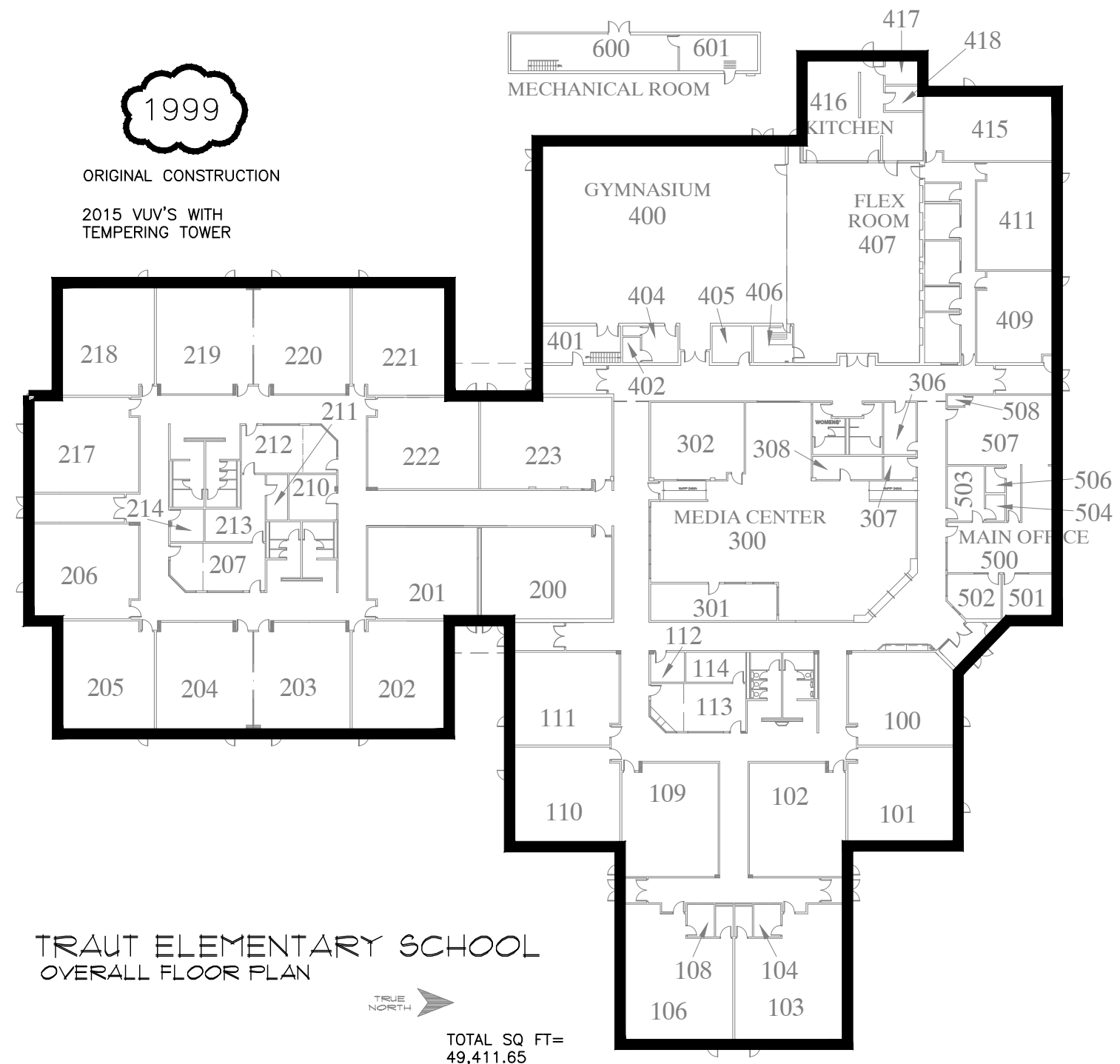


NOTES:

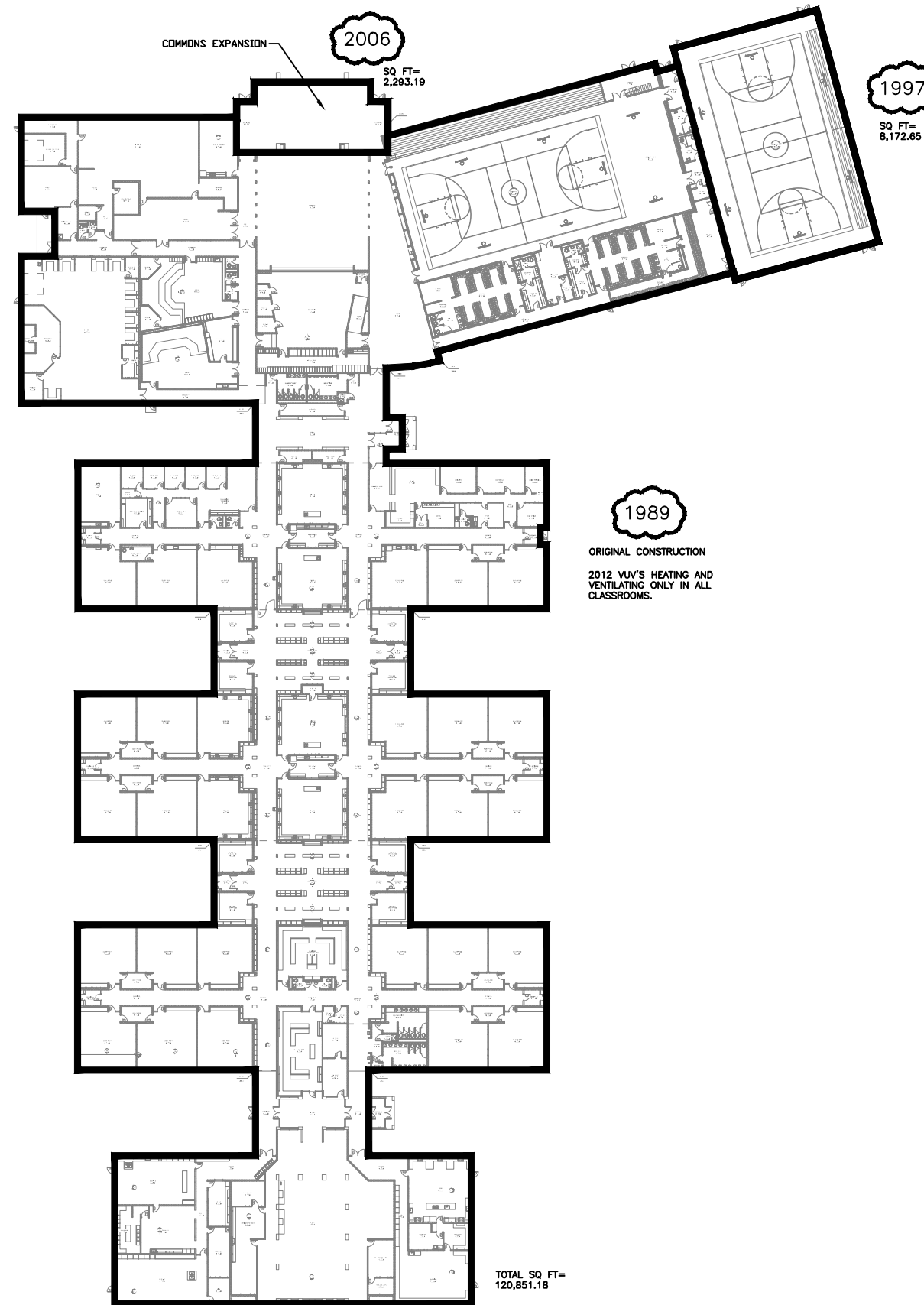
① HVAC UPDATED IN 1992

TOTAL SQ FT=
52,569.4

HORSETOOTH ENGINEERING LLC 970-556-9210	CLIENT Poudre School District R-1	PROJECT NAME Air Conditioning Study Phase 1 June 18th, 2015	Sheet Name TIMNATH Scale: 1" = 40' - 0"
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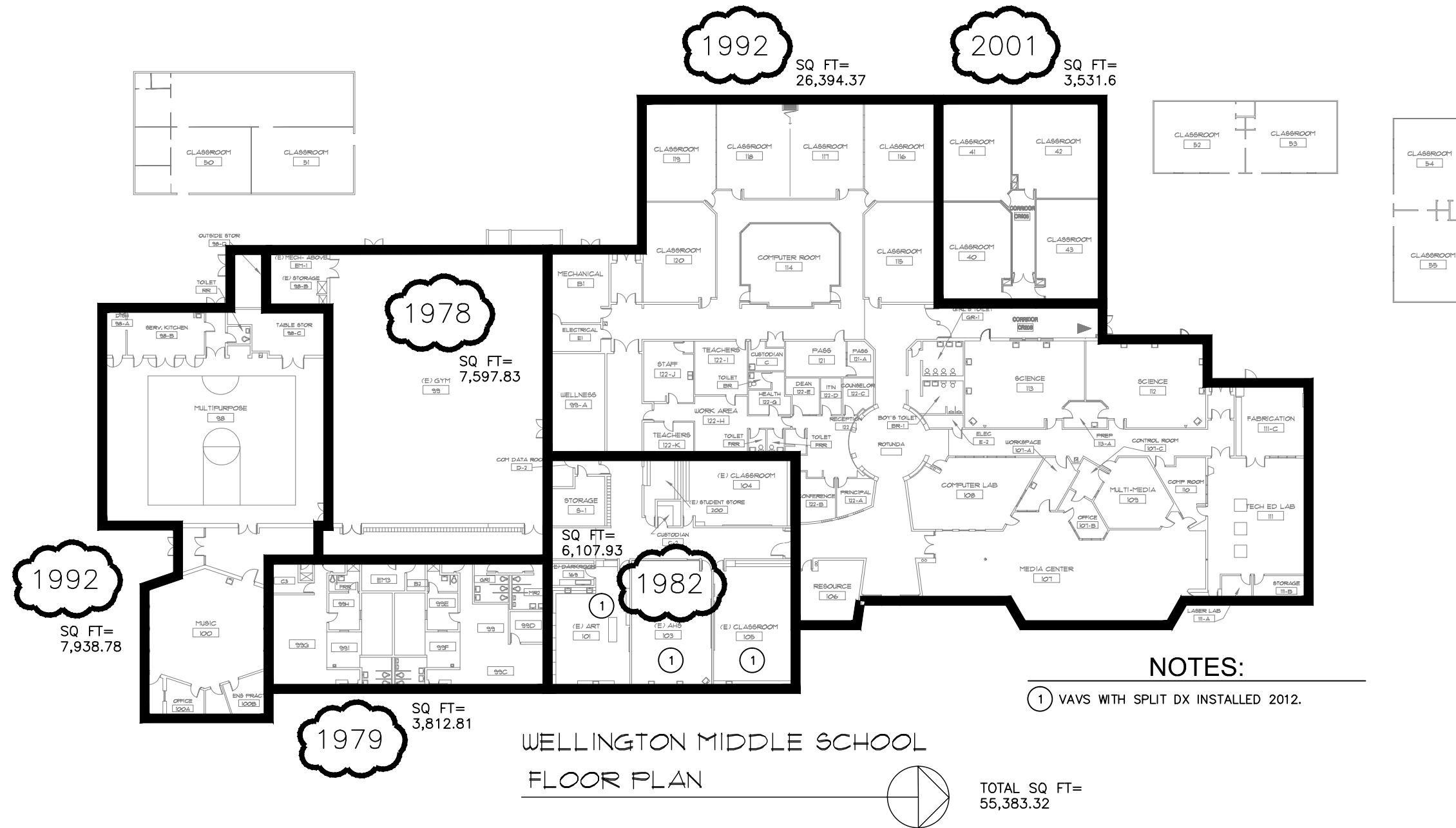


<p>HORSETOOTH ENGINEERING LLC 970-556-9210</p>	<p>CLIENT Poudre School District R-1</p>	<p>PROJECT NAME Air Conditioning Study Phase 1 June 18th, 2015</p>	<p>Sheet Name TRAUT Scale: 1" = 40' - 0"</p>
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Webber Middle School 

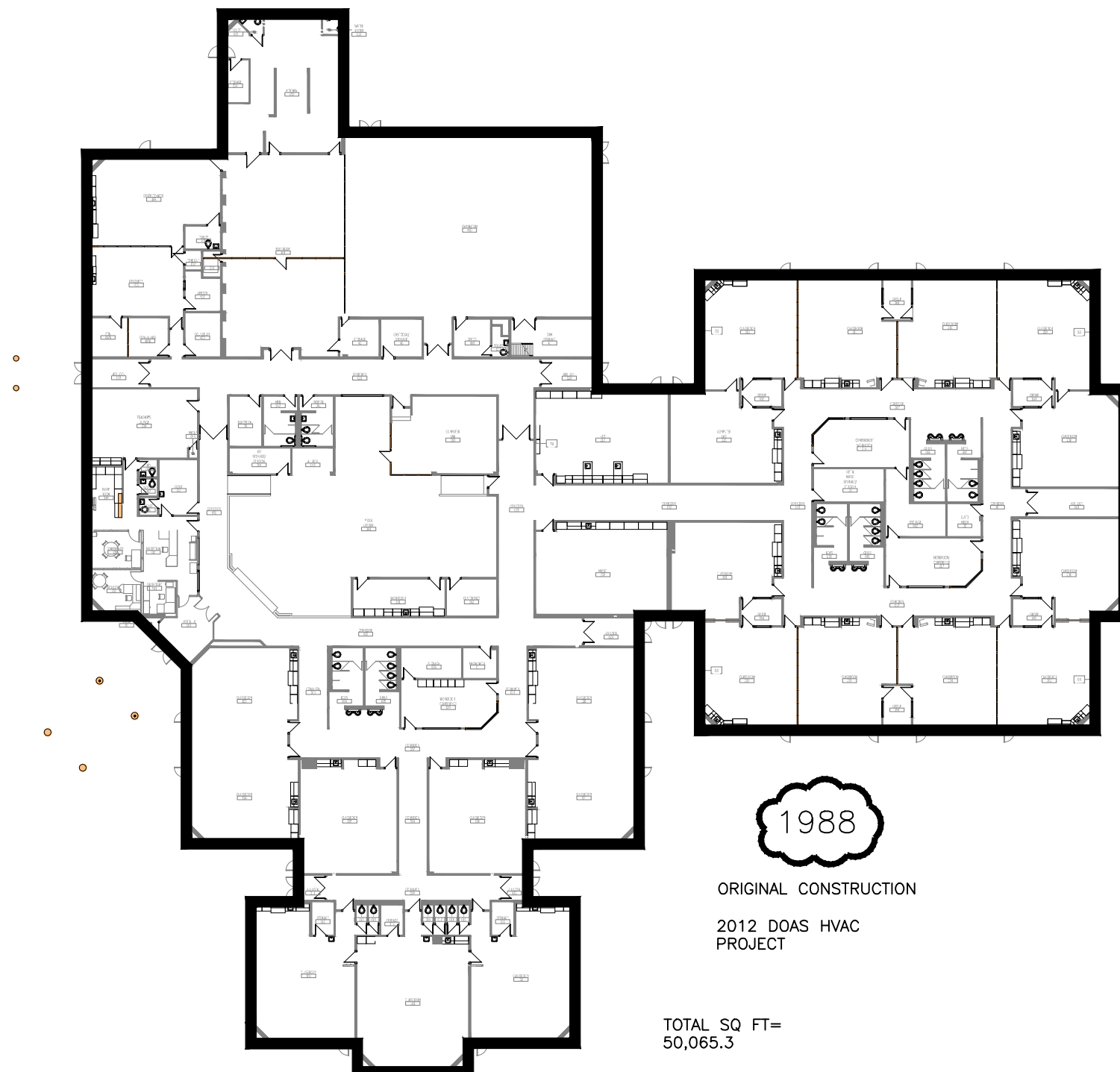
<p>HORSETOOTH ENGINEERING LLC 970-556-9210</p>	<p>CLIENT Poudre School District R-1</p>	<p>PROJECT NAME Air Conditioning Study Phase 1 June 18th, 2015</p>	<p>Sheet Name WEBBER Scale: 1" = 70' - 0"</p>
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NOTES:

- ① VAVS WITH SPLIT DX INSTALLED 2012.

<p>HORSETOOTH ENGINEERING LLC 970-556-9210</p>	<p>CLIENT Poudre School District R-1</p>	<p>PROJECT NAME Air Conditioning Study Phase 1 June 18th, 2015</p>	<p>Sheet Name WELLINGTON Scale: 1" = 40' - 0"</p>
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1988

ORIGINAL CONSTRUCTION

2012 DOAS HVAC PROJECT

TOTAL SQ FT=
50,065.3

Werner Elementary 

<p>HORSETOOTH ENGINEERING LLC 970-556-9210</p>	<p>CLIENT Poudre School District R-1</p>	<p>PROJECT NAME Air Conditioning Study Phase 1 June 18th, 2015</p>	<p>Sheet Name WERNER Scale: 1" = 40' - 0"</p>
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