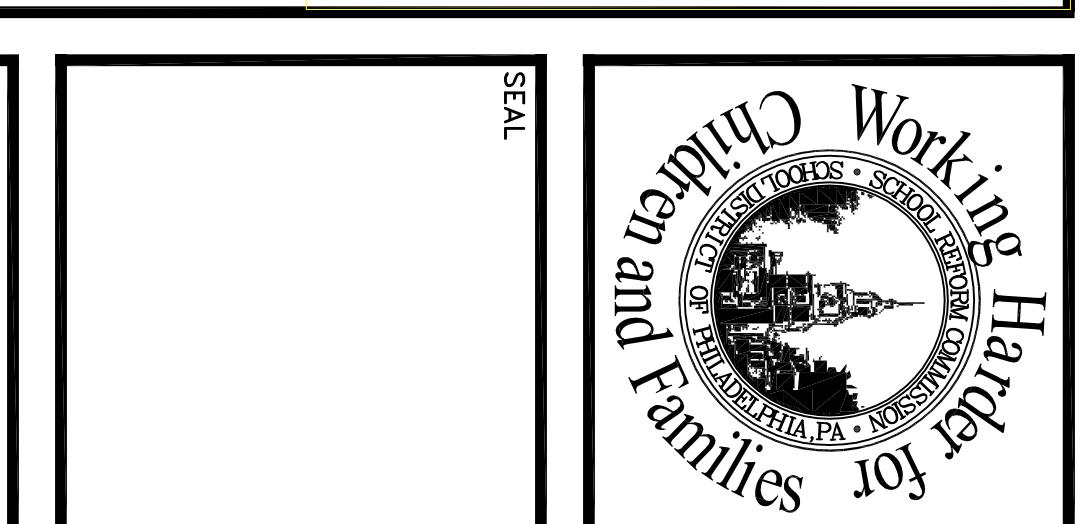


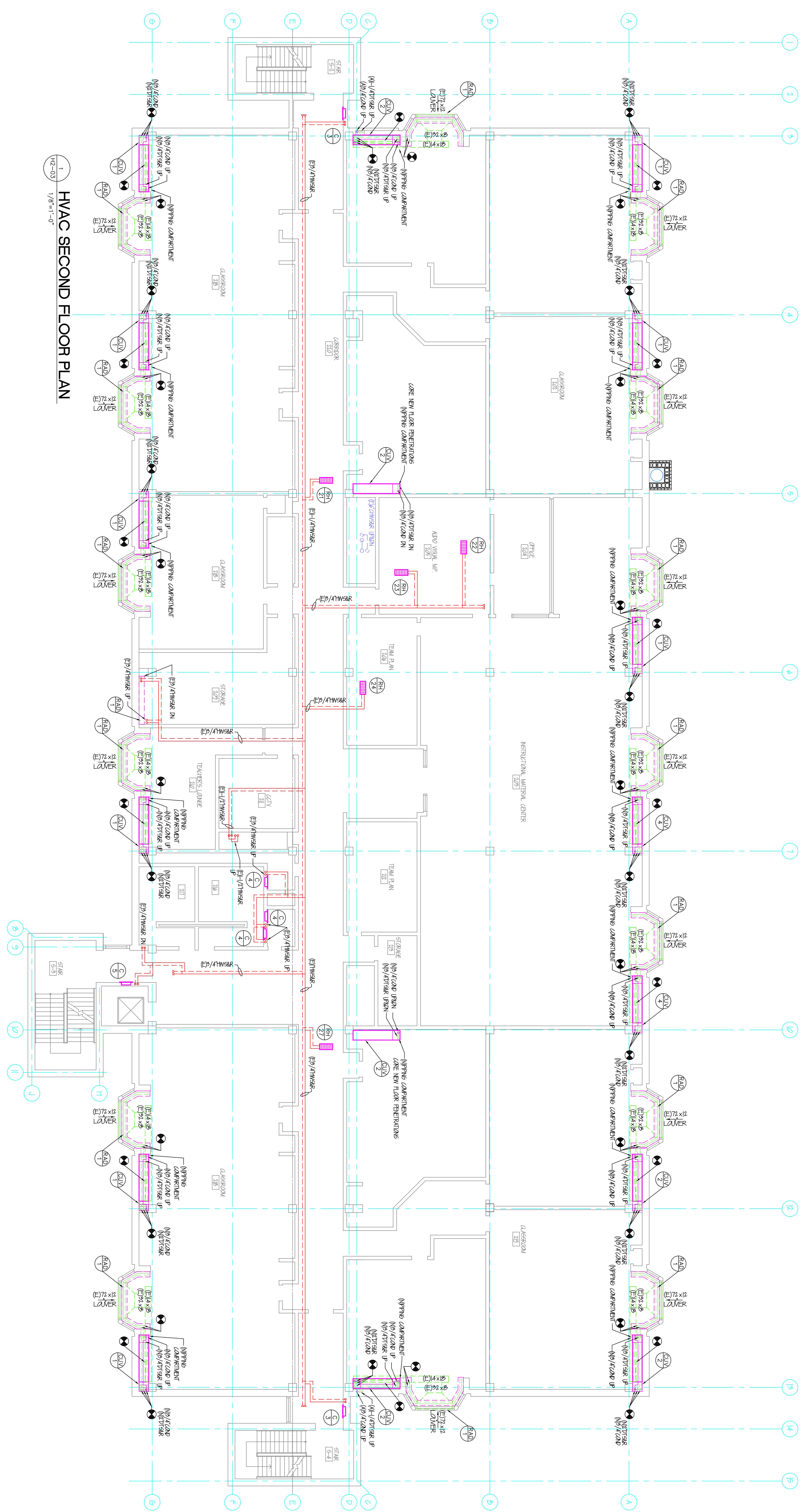


SCHOOL DISTRICT OF PHILADELPHIA THE SCHOOL REFORM COMMISSION

SCHOOL & LOCATION	GREEENFIELD ELEMENTARY 2200 Chestnut Street, Philadelphia. PA 19103
PROJECT TITLE	Project Determination
DRAWING TITLE	First Floor Plan
APPROVED BY	

CONSULTANTS





GENERAL NOTES

TYPEWRITER
LIBRARY
HAND ED
NETTLETON

GENERAL NOTES:

- TYPICAL UNIT VENTILATOR INSTALLATION 
 1. DEMO EXISTING UNIT
 2. REMOVE PIPING TO VERTICAL SUPPLY RISER
 3. ABANDONED PIPING IN MASONRY ENCLOSURE
 4. CORE NEW PENETRATION FOR SLEEVES
 5. CONNECT TO EXISTING OA DUCT
 6. CONNECT TO EXISTING VERTICAL DTS&R
 7. REPIPE AS INDICATED ON DETAIL
 8. PROVIDE STANDALONE CONTROLLER
 9. REWIRE

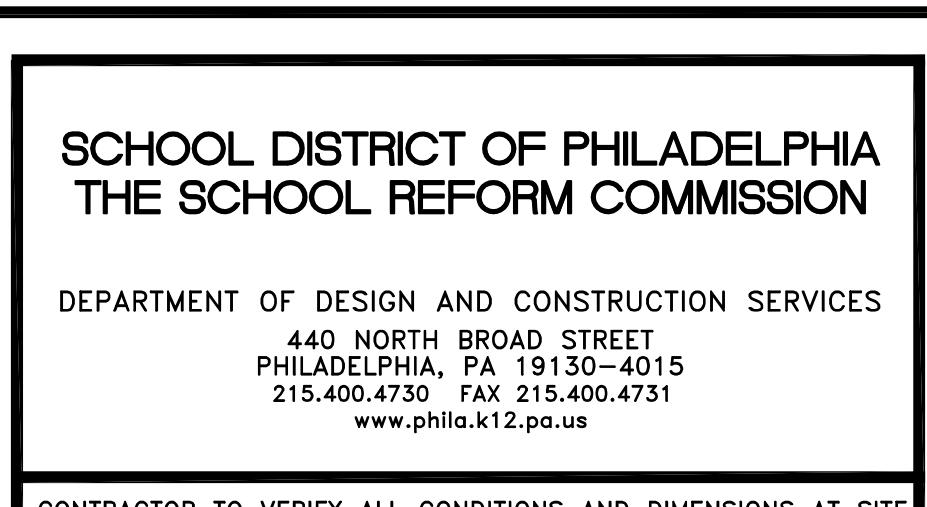
- TYPICAL REHEAT COIL INSTALLATION 
 1. DEMO EXISTING COIL AND PIPING MANIFOLD
 2. REPLACE COIL
 3. REPIPE AS INDICATED ON DETAIL

- TYPICAL RADIATION INSTALLATION 
 1. DEMO EXISTING PIPING MANIFOLD
 2. CLEAN FINNED ELEMENT
 3. REPIPE AS INDICATED ON DETAIL

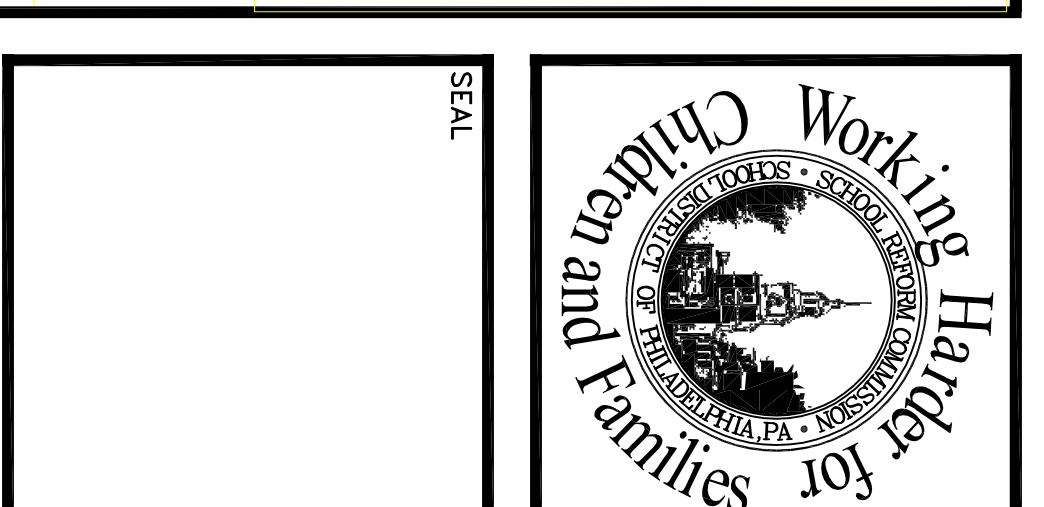
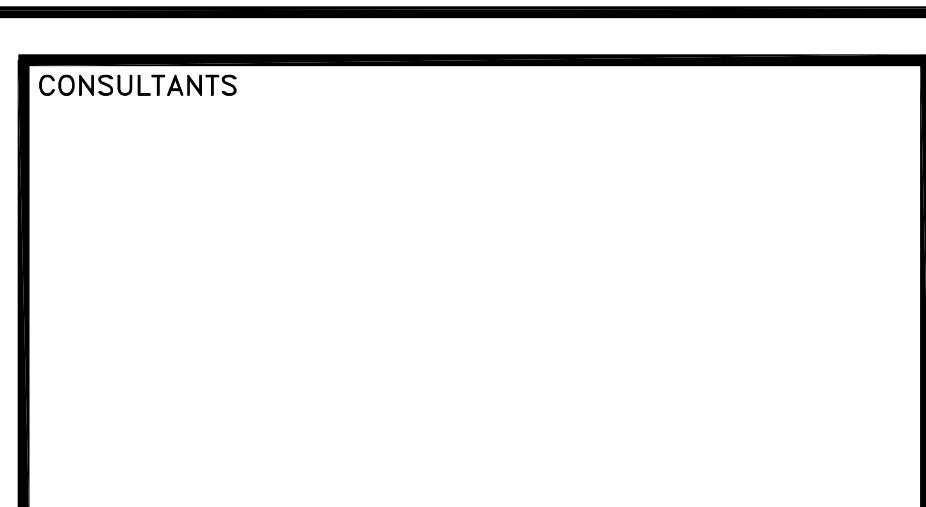
- TYPICAL CABINET UNIT HEATER INSTALLATION 
 1. REMOVE EXISTING UNIT AND PIPING MANIFOLD
 2. REPLACE UNIT
 3. REPIPE AS INDICATED ON DETAIL

- TYPICAL CONVECTOR HEATER INSTALLATION
 1. REMOVE EXISTING UNIT AND PIPING MANIFOLD
 2. REPLACE UNIT
 3. REPIPE AS INDICATED ON DETAIL

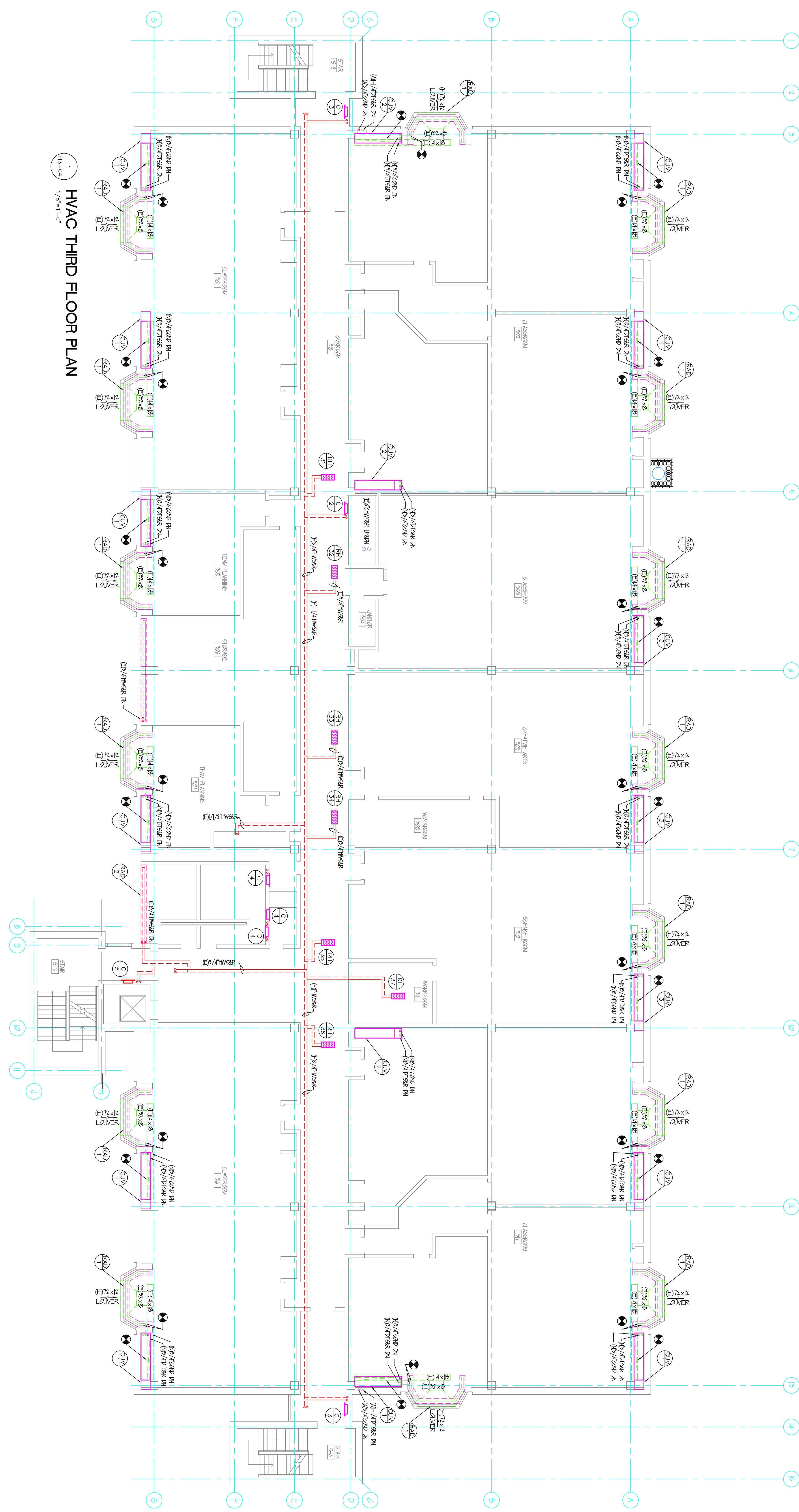
9		
8		
7		
6		
5		
4		
3		
2		
1		
NO.	DATE	REVISION



SCHOOL & LOCATION	GREENFIELD ELEMENTARY 2200 Chestnut Street, Philadelphia. PA 19103
PROJECT TITLE	Project Determination
DRAWING TITLE	Second Floor Plan
APPROVED BY	



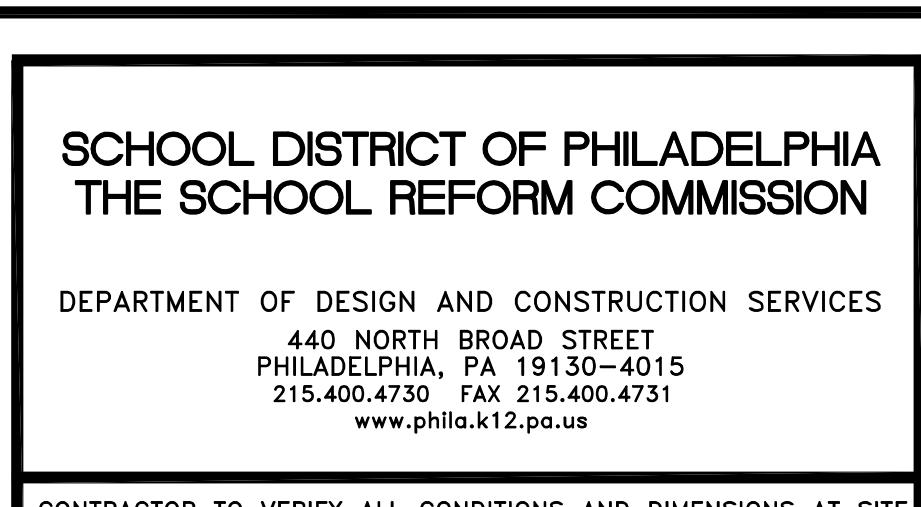
RAWING NO.



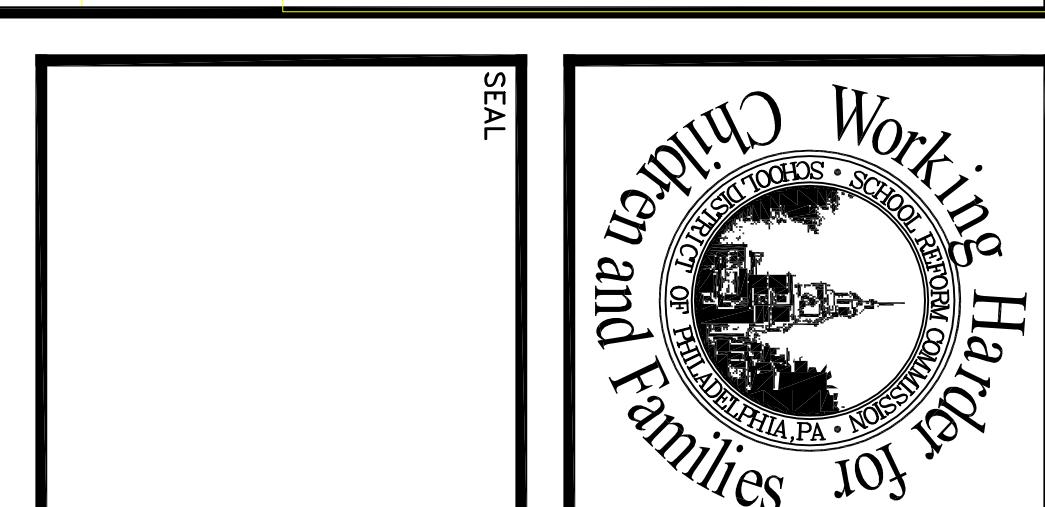
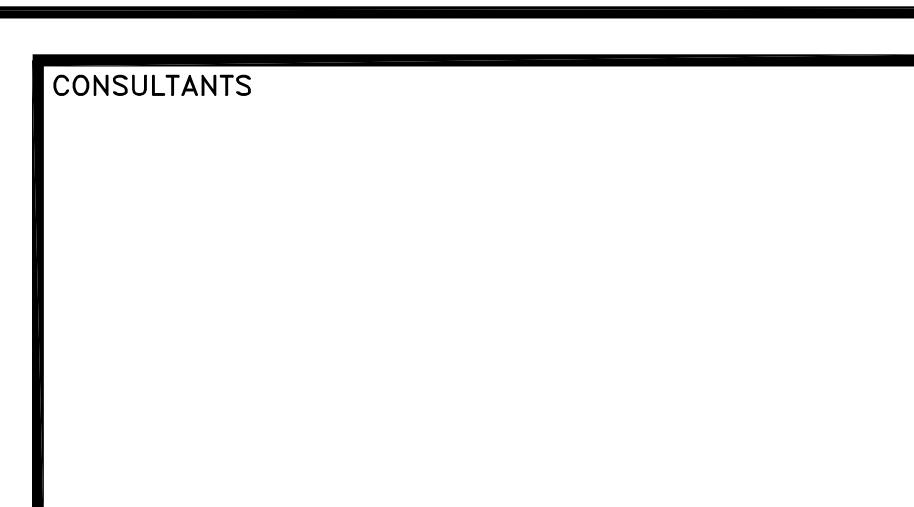
GENERAL NOTES:

HA

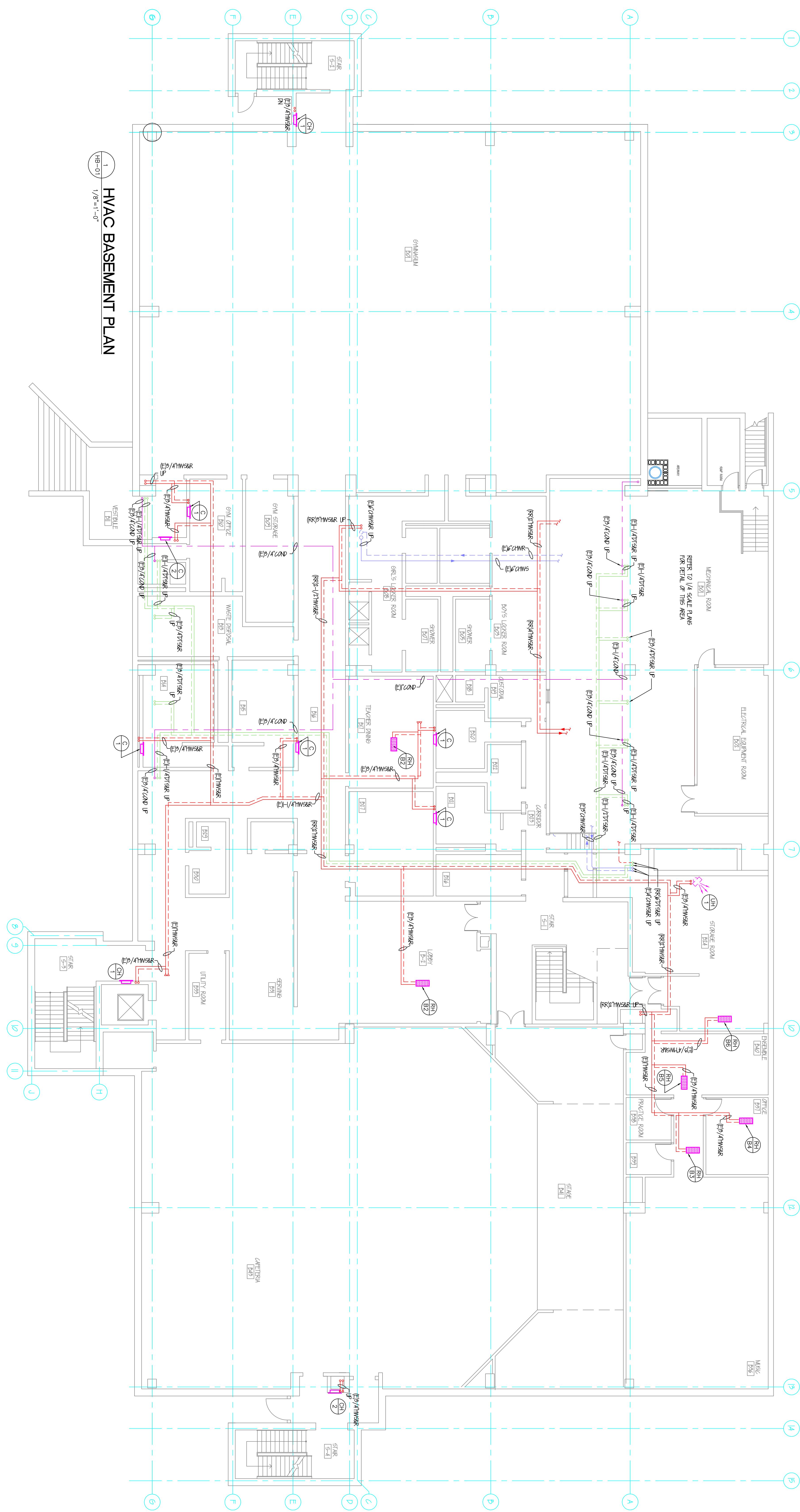
9		
8		
7		
6		
5		
4		
3		
2		
1		
NO.	DATE	REVISION

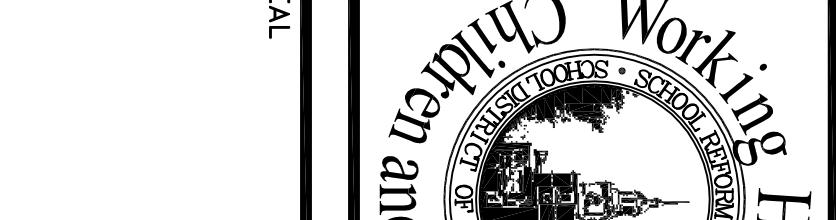


SCHOOL & LOCATION	GREEENFIELD ELEMENTARY 2200 Chestnut Street, Philadelphia. PA 19103
PROJECT TITLE	Project Determination
DRAWING TITLE	Third Floor Plan
APPROVED BY	



H3-04
RAWING NO.



DRAWING NO.		
HB-01		
SPEC NO. <i>N/A</i>	DATE <i>3-11-16</i>	LOCATION NO. <i>2470</i>
SCALE <i>AS NOTED</i>	TYPE NO. <i>253</i>	
DRAWN BY <i>CSH</i>	FILE NO. <i>XXX</i>	CHECKED BY <i>CSH</i>
NO. DATE REVISION		
9 8 7 6 5 4 3 2 1		
SCHOOL & LOCATION GREENFIELD ELEMENTARY 2200 Chestnut Street, Philadelphia. PA 19103		
THE SCHOOL REFORM COMMISSION		
DEPARTMENT OF DESIGN AND CONSTRUCTION SERVICES 440 NORTH BROAD STREET PHILADELPHIA, PA 19130-4015 215.400.4730 FAX 215.400.4731 www.phila.k12.pa.us		
CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS AT SITE		
CONSULTANTS		
SEAL		
APPROVED BY		
 <p>Working Hard for Children and Families</p>		



HVAC BASEMENT PLAN

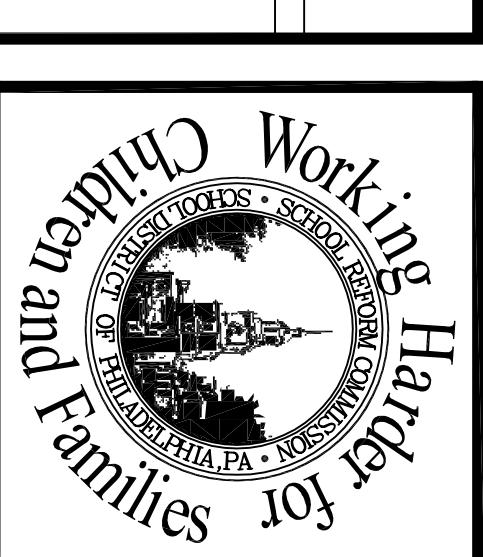
CHIMNEY ELEVATION
4
HB-05
 $1/4'' = 1'-0''$

HB-05 5 CUV ELEVATION
 $1/4"$ = $1'-0"$

N/A
OF
2015/16

1 2 3 4 5 6 7 8

SYMBOL LIST



REHEAT COIL SCHEDULE		FUEL OIL PUMP SCHEDULE					
No.	Service	EAT	MBH	EAT	MBH	GPM	LPH
B1	Teachers Dining B-17	54	90	25.6	180	2.5	168
B2	Lobby B-2	1000	54	39.6	180	60	4.0
B3	Music Room B-36	1200	54	47.0	180	60	5.0
B4	Office B-37	250	54	90	10.0	1.0	126
B5	Practice Rm B-38	60	54	2.3	180	60	0.5
B6	Ensemble 10	400	54	90	15.8	180	60
B7	Ensemble 10	250	54	90	10.0	180	60
B8	Ensemble 10	350	54	90	14.0	180	60
B9	Administrative 125	250	54	90	12.0	180	60
B10	Conference 128	300	54	90	1.2	180	60
B11	Multipurpose 130	160	54	90	6.4	180	60
B12	Nurse 131	90	54	90	3.6	180	60
B13	Room 132	75	54	90	3.6	180	60
B14	Room 133	100	54	90	4.0	180	60
B15	Room 135	190	54	90	7.6	180	60
B16	Room 136	230	54	90	9.2	180	60
B17	Room 137	165	54	90	6.6	180	60
B18	Corridor	140	54	90	5.6	180	60
B19	Audi Visual 141	140	54	90	5.6	180	60
B20	Team Plan 206	475	54	90	18.5	180	60
B21	Team Plan 212	400	54	90	15.8	180	60
B22	CCTV 211	200	54	90	7.9	180	60
B23	Classroom 219	1100	54	90	4.0	180	60
B24	Classroom 302	1000	54	90	4.4	180	60
B25	Science Room 303	325	54	90	39.6	180	60
B26	Work Room 310	1100	54	90	30.0	180	60
B27	Classroom 311	175	54	90	7.0	180	60
B28	Furnish with complete manufacturers suction diffuser and inline duty valve						

UNIT HEATER SCHEDULE		UNDERGROUND FUEL OIL TANK SCHEDULE				
No.	Location	Input MBH	Output MBH	Fan Data	Electrical Data	Basis Of
1	Mechanical Rm B002	300	240	300	208-3-60	4.0
2	Chesnut Street courtyard	500	240	506	208-3-60	4.0
3	Construction to be double wall					
4	Furnish with extended year warranty					
5	Provide hold down straps					

1. Furnish with horizontal and vertical louvers

2. Furnish with backdraft damper

3. Provide hold down straps

4. Note unit heater #1 is existing to remain

5. Furnish with belt guard

6. Furnish piping enclosure for all second floor units

7. Furnish with complete set of spare gaskets

8. Furnish single coil or all units

9. Furnish piping enclosure for all second floor units

10. Furnish as vertical draw-thru

11. Furnish with complete set of spare gaskets

12. Furnish with complete set of spare gaskets

13. Furnish with complete set of spare gaskets

14. Furnish with complete set of spare gaskets

15. Furnish with complete set of spare gaskets

16. Furnish with complete set of spare gaskets

17. Furnish with complete set of spare gaskets

18. Furnish with complete set of spare gaskets

19. Furnish with complete set of spare gaskets

20. Furnish with complete set of spare gaskets

21. Furnish with complete set of spare gaskets

22. Furnish with complete set of spare gaskets

23. Furnish with complete set of spare gaskets

24. Furnish with complete set of spare gaskets

25. Furnish with complete set of spare gaskets

26. Furnish with complete set of spare gaskets

27. Furnish with complete set of spare gaskets

28. Furnish with complete set of spare gaskets

29. Furnish with complete set of spare gaskets

30. Furnish with complete set of spare gaskets

31. Furnish with complete set of spare gaskets

32. Furnish with complete set of spare gaskets

33. Furnish with complete set of spare gaskets

34. Furnish with complete set of spare gaskets

35. Furnish with complete set of spare gaskets

36. Furnish with complete set of spare gaskets

37. Furnish with complete set of spare gaskets

38. Furnish with complete set of spare gaskets

39. Furnish with complete set of spare gaskets

40. Furnish with complete set of spare gaskets

41. Furnish with complete set of spare gaskets

42. Furnish with complete set of spare gaskets

43. Furnish with complete set of spare gaskets

44. Furnish with complete set of spare gaskets

45. Furnish with complete set of spare gaskets

46. Furnish with complete set of spare gaskets

47. Furnish with complete set of spare gaskets

48. Furnish with complete set of spare gaskets

49. Furnish with complete set of spare gaskets

50. Furnish with complete set of spare gaskets

51. Furnish with complete set of spare gaskets

52. Furnish with complete set of spare gaskets

53. Furnish with complete set of spare gaskets

54. Furnish with complete set of spare gaskets

55. Furnish with complete set of spare gaskets

56. Furnish with complete set of spare gaskets

57. Furnish with complete set of spare gaskets

58. Furnish with complete set of spare gaskets

59. Furnish with complete set of spare gaskets

60. Furnish with complete set of spare gaskets

61. Furnish with complete set of spare gaskets

62. Furnish with complete set of spare gaskets

63. Furnish with complete set of spare gaskets

64. Furnish with complete set of spare gaskets

65. Furnish with complete set of spare gaskets

66. Furnish with complete set of spare gaskets

67. Furnish with complete set of spare gaskets

68. Furnish with complete set of spare gaskets

69. Furnish with complete set of spare gaskets

70. Furnish with complete set of spare gaskets

71. Furnish with complete set of spare gaskets

72. Furnish with complete set of spare gaskets

73. Furnish with complete set of spare gaskets

74. Furnish with complete set of spare gaskets

75. Furnish with complete set of spare gaskets

76. Furnish with complete set of spare gaskets

77. Furnish with complete set of spare gaskets

78. Furnish with complete set of spare gaskets

79. Furnish with complete set of spare gaskets

80. Furnish with complete set of spare gaskets

81. Furnish with complete set of spare gaskets

82. Furnish with complete set of spare gaskets

83. Furnish with complete set of spare gaskets

84. Furnish with complete set of spare gaskets

85. Furnish with complete set of spare gaskets

86. Furnish with complete set of spare gaskets

87. Furnish with complete set of spare gaskets

88. Furnish with complete set of spare gaskets

89. Furnish with complete set of spare gaskets

90. Furnish with complete set of spare gaskets

91. Furnish with complete set of spare gaskets

92. Furnish with complete set of spare gaskets

93. Furnish with complete set of spare gaskets

94. Furnish with complete set of spare gaskets

95. Furnish with complete set of spare gaskets

96. Furnish with complete set of spare gaskets

97. Furnish with complete set of spare gaskets

98. Furnish with complete set of spare gaskets

99. Furnish with complete set of spare gaskets

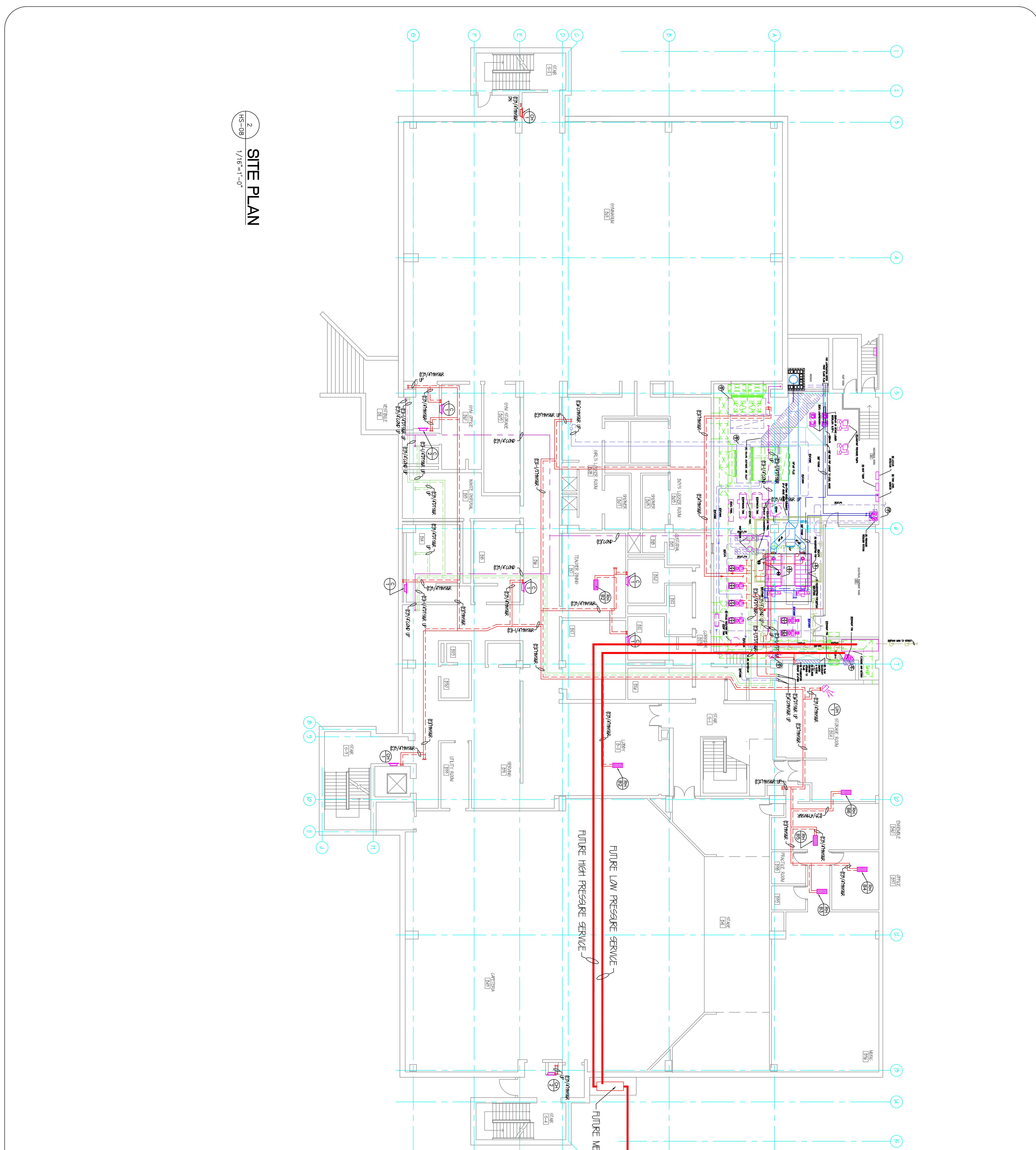
100. Furnish with complete set of spare gaskets

F E D C B A

23RD STREET

CHESTNUT STREET

SANSOM STREET



DRAWING NO. HS-08	SPFC NO. N/A	DATE 8-1-16	SCALE 1/16	LOCATION NO. As Noted	CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS AT SITE	SCHOOL & LOCATION GREENFIELD ELEMENTARY 2200 Chestnut Street, Philadelphia, PA 19103	PROJECT TITLE Project Determination	DRAWING TITLE Site Plan Future Gas Service	APPROVED BY	CONSULTANTS	SEAL
NO., DATE Car	REVISION 000	FILE NO. 2200	DRAWN BY Car	checked by Car							
N/A OF 8 OF 8											