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LEAD IN DRINKING WATER REPORT

Performed At:

Glen Rock Board of Education, Multiple Locations
620 Harristown Road
Glen Rock, NJ 07452

Performed For:

Glen Rock Board of Education
Sandy Marinos
620 Harristown Road
Glen Rock, NJ 07452

Prepared By:

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Inspection Date: 4/12 -13/17,
4/25/17, 6/10/17 &
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Project Number: 170664 & 160924

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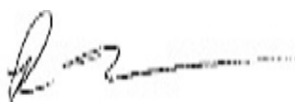
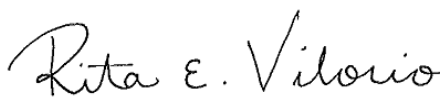
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Contact Information

Agency

Client Contact:	Sandy Marinos
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Risk Assessor(s)

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Site Assessor(s):	Raheen Holland
License:	NJDOH #013217
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Firm

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Organization:	Environmental Hazard Services, LLC
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Introduction

LEW Corporation was contracted by Glen Rock Board of Education to test for the presence of lead in drinking water in five schools in the district.

Sampling Methodology

LEW Corporation followed the July 13, 2016 amendments to NJAC 6A:26. Full details on sampling practices can be found in Districts Sampling Plan.

All samples were collected in 250mL wide mouth plastic containers that was prepackaged by the analytical laboratory. The sample containers may contain nitric acid, if expedited analysis is required. If not, nitric acid will be added to each sample upon arrival at the laboratory. At each sample location, the first draw sample was taken after it was determined that the water had been standing in the plumbing system for greater than eight hours but less than forty-eight hours. If second draw samples were collected, they were collecting following a flushing protocol outlined in the District's Sampling Plan.

Drinking Water Results

On April 12, 2017, LEW Corporation collected the following number of samples:

Hamilton Elementary

- 36 first draw samples and 1 quality control sample
- 1 sample above the 15ppb action level

On April 12, 2017 and April 25, 2017, LEW Corporation collected the following number of water samples:

Glen Rock High School

- 65 first draw samples and 1 quality control sample
- 5 samples above the 15ppb action level

On April 13, 2017, LEW Corporation collected the following number of water samples:

Byrd Elementary

- 22 first draw samples and 1 quality control sample
- 1 sample above the 15ppb action level

On April 13, 2017 and April 25, 2017, LEW Corporation collected the following number of water samples:

Central Elementary

- 28 first draw samples and 1 quality control sample
- 3 samples above the 15ppb action level

On June 10, 2017, LEW Corporation collected the following number of water samples:

Coleman Elementary

- 34 first draw samples collected and 1 quality control sample
- 4 samples above the 15ppb action level

Central Elementary

- 3 first draw samples collected and 1 quality control sample
- 0 samples above the 15ppb action level

Hamilton Elementary

- 2 first draw samples collected and 1 quality control sample
- 0 samples above the 15ppb action level

Glen Rock High School

- 2 first draw samples collected and 1 quality control sample
- 0 samples above the 15ppb action level

On July 15, 2017, LEW Corporation returned to collect the following number of samples:

Central Elementary

- 3 second draw samples collected and 1 quality control sample
- 1 samples above the 15ppb action level

Glen Rock High School

- 5 second draw samples and 1 quality control sample
- 1 samples above the 15ppb action level

Coleman Elementary

- 4 second draw samples collected and 1 quality control sample
- 2 samples above the 15ppb action level

Byrd Elementary

- 1 second draw samples and 1 quality control sample
- 1 sample above the 15ppb action level

Hamilton Elementary

- 1 second draw samples and 1 quality control sample
- 0 sample above the 15ppb action level

The complete list of samples that exceeded the 15ppb limit can be found in Appendix A. The complete list of all sample results can be found in Appendix C. The laboratory results can be found in Appendix E.

Certain outlets could not or were not tested due to various reasons. The following table lists those locations and the reason why samples were not collected.

School	Sample Location	Reason for not testing.
Byrd Elementary	HALL 208	Source Not functional
Coleman Elementary	Room 4A- Bubbler	Outlet Taken Offline
Coleman Elementary	Room 5- Bubbler	Outlet Taken Offline
Coleman Elementary	Room 3- Bubbler	Outlet Taken Offline
Coleman Elementary	Room 4- Bubbler	Outlet Taken Offline
Coleman Elementary	Room 2- Bubbler	Outlet Taken Offline
Coleman Elementary	Room 1- Bubbler	Outlet Taken Offline
Coleman Elementary	K-2- Bubbler	Outlet Taken Offline
Coleman Elementary	K-1- Bubbler	Outlet Taken Offline

Recommendations

For those outlets where the first draw sample exceeds 15ppb and the second draw sample does not exceed 15ppb, the outlet is contributing lead to the drinking water and very little lead is being picked up upstream of the outlet in the building plumbing. LEW Corporation recommends immediately stopping use of these outlets. LEW Corporation then recommends replacing the outlet and associated plumbing up to the wall connection.

For those outlets where the first draw sample exceeds 15ppb and the second draw sample exceeds 15ppb or more, the outlet and the building plumbing are contributing lead to the drinking water. LEW Corporation recommends immediately stopping use of these outlets. LEW Corporation then recommends replacing the outlet and associated plumbing up to the wall connection, and installing a lead filter at the wall connection. A filter maintenance plan will need to be implemented, in order to ensure that all filters are in proper working order.

A complete list of recommendations per outlet can be found in Appendix B.

Additional Recommendations

- 1) Follow-up samples should be collected after any remediation efforts in order to determine the efficacy of the work.
- 2) Any of the inoperable/non-functioning outlets listed above that are brought back into service should be sample.
- 3) Comply with all requirements set forth in NJAC 6A:26.

Appendix A Exceedances

Building	Date Collected	Analysis Date	Sample ID	Sample Description	Concentration (ug/L) Or ppb
1 st Draw Samples					
Coleman Elementary					
Coleman Elementary	06/10/2017	06/15/2017	10-CES-S	RM 4	37.4
Coleman Elementary	06/10/2017	06/15/2017	22-CES-WC	HALL BY RM 11	32.7
Coleman Elementary	06/10/2017	06/15/2017	23-CES-S	RM 11	926
Coleman Elementary	06/10/2017	06/15/2017	29-CES-S	RM 16	15.8
Central Elementary					
Central Elementary	4/13/2017	4/24/2017	1	RM 101 B	241
Central Elementary	4/13/2017	4/24/2017	2	RM 101 S	145
Central Elementary	4/13/2017	4/24/2017	16	RM 210 S	25.6
Byrd Elementary					
Byrd Elementary	4/13/2017	4/24/2017	00	BOILER	527
Hamilton Elementary					
Hamilton Elementary	4/12/2017	4/24/2017	36	BOILER RM S	19.8
Glen Rock High School					
Glen Rock High School	4/12/2017	4/25/2017	8	COOKIE RM S	32.7
Glen Rock High School	4/12/2017	4/25/2017	9	COOKIE RM S	22.9
Glen Rock High School	4/12/2017	4/25/2017	13	KITCHEN PF	846
Glen Rock High School	4/12/2017	4/25/2017	36	RM D110 B	1960
Glen Rock High School	4/12/2017	4/25/2017	55	MAINTENANCE B	16.4

Building	Date Collected	Analysis Date	Sample ID	Sample Description	Concentration (ug/L) Or ppb
2 nd Draw Samples					
Coleman Elementary					
Coleman Elementary	07/5/2017	7/11/2017	10-CES-S	RM 4	2.91
Coleman Elementary	07/5/2017	7/11/2017	22-CES-WC	HALL BY RM 11	16.5
Coleman Elementary	07/5/2017	7/11/2017	23-CES-S	RM 11	834

Coleman Elementary	07/5/2017	7/11/2017	29-CES-S	RM 16	2.38
Central Elementary					
Central Elementary	07/5/2017	7/11/2017	1	RM 101 B	19.4
Central Elementary	07/5/2017	7/11/2017	2	RM 101 S	5.45
Central Elementary	07/5/2017	7/11/2017	16	RM 210 S	8.58
Byrd Elementary					
Byrd Elementary	07/5/2017	7/11/2017	00	BOILER	66.2
Hamilton Elementary					
Hamilton Elementary	07/5/2017	7/11/2017	36	BOILER RM S	<1.00
Glen Rock High School					
Glen Rock High School	07/5/2017	7/11/2017	8	COOKIE RM S	8.19
Glen Rock High School	07/5/2017	7/11/2017	9	COOKIE RM S	5.85
Glen Rock High School	07/5/2017	7/11/2017	13	KITCHEN PF	6.65
Glen Rock High School	07/5/2017	7/11/2017	36	RM D110 B	1.24
Glen Rock High School	07/5/2017	7/11/2017	55	MAINTENANCE B	40.8

Appendix B Recommendations

Building	Sample ID	Sample Description	Remediation Recommendation
Coleman Elementary			
Coleman Elementary	10-CES-S	RM 4	Immediately discontinue use of the outlets. LEW Corporation then recommends replacing the outlet and associated plumbing up to the wall connection.
Coleman Elementary	22-CES-WC	HALL BY RM 11	Immediately discontinue use of the outlets. LEW Corporation then recommends replacing the outlet and associated plumbing up to the wall connection, and installing a lead filter at the wall connection.
Coleman Elementary	23-CES-S	RM 11	Immediately discontinue use of the outlets. LEW Corporation then recommends replacing the outlet and associated plumbing up to

			the wall connection, and installing a lead filter at the wall connection.
Coleman Elementary	29- CES-S	RM 16	Immediately discontinue use of the outlets. LEW Corporation then recommends replacing the outlet and associated plumbing up to the wall connection.
Central Elementary			
Central Elementary	1	RM 101 B	Immediately discontinue use of the outlets. LEW Corporation then recommends replacing the outlet and associated plumbing up to the wall connection, and installing a lead filter at the wall connection.
Central Elementary	2	RM 101 S	Immediately discontinue use of the outlets. LEW Corporation then recommends replacing the outlet and associated plumbing up to the wall connection.
Central Elementary	16	RM 210 S	Immediately discontinue use of the outlets. LEW Corporation then recommends replacing the outlet and associated plumbing up to the wall connection.
Byrd Elementary			
Byrd Elementary	0	BOILER	Immediately discontinue use of the outlets. LEW Corporation then recommends replacing the outlet and associated plumbing up to the wall connection, and installing a lead filter at the wall connection.
Hamilton Elementary			
Hamilton Elementary	36	BOILER RM S	Immediately discontinue use of the outlets. LEW Corporation then recommends replacing the outlet and associated plumbing up to the wall connection.
Glen Rock High School			
Glen Rock High School	8	COOKIE RM S	Immediately discontinue use of the outlets. LEW Corporation then recommends replacing the outlet and associated plumbing up to the wall connection.
Glen Rock High School	9	COOKIE RM S	Immediately discontinue use of the outlets. LEW Corporation then recommends replacing the outlet and associated plumbing up to the wall connection.
Glen Rock High School	13	KITCHEN PF	Immediately discontinue use of the outlets. LEW Corporation then recommends replacing the outlet and associated plumbing up to the wall connection.
Building	Sample ID	Sample Description	Remediation Recommendation
Glen Rock High School	36	RM D110 B	Immediately discontinue use of the outlets. Conduct second draw (flush) samples on these outlets to further delineate source of contamination.
Glen Rock High School	55	MAINTENANCE B	Immediately discontinue use of the outlets. LEW Corporation then recommends replacing the outlet and associated plumbing up to the wall connection, and installing a lead filter at the wall connection.

Appendix C All Results

Building	Date Collected	Analysis Date	Sample ID	Sample Description	Concentration (ug/L) Or ppb
Central Elementary					
Central Elementary	04/13/2017	04/24/2017	1	RM 101 B	241
Central Elementary	07/5/2017	7/11/2017	1 2 nd Draw	RM 101 B	19.4
Central Elementary	04/13/2017	04/24/2017	2	RM 101 S	145
Central Elementary	07/5/2017	7/11/2017	2 2 nd Draw	RM 101 S	5.45
Central Elementary	04/13/2017	04/24/2017	3	RM 100 S	9.43
Central Elementary	04/13/2017	04/24/2017	4	HALL 103 B	<1.00
Central Elementary	04/13/2017	04/24/2017	5	RM 103 S	2.61
Central Elementary	04/13/2017	04/24/2017	6	RM 105 S	5.23
Central Elementary	04/13/2017	04/24/2017	7	RM MULTI PR S	2.47
Central Elementary	04/13/2017	04/24/2017	8	HALL MEDIA CTR B	1.45
Central Elementary	04/13/2017	04/24/2017	9	RM 209 S	3.25
Central Elementary	04/13/2017	04/24/2017	10	HALL 205 B	<1.00
Central Elementary	04/13/2017	04/24/2017	11	HALL 203 BF	<1.00
Central Elementary	04/13/2017	04/24/2017	12	NURSE OFFICE S	3.73
Central Elementary	04/13/2017	04/24/2017	13	NURSE HALL B	2.97
Central Elementary	04/13/2017	04/24/2017	14	NURSE HALL B	W01*
Central Elementary	04/13/2017	04/24/2017	15	NURSE HALL B	5.12
Central Elementary	04/13/2017	04/24/2017	16	RM 210 S	25.6
Central Elementary	07/5/2017	7/11/2017	16 2 nd Draw	RM 210 S	8.58
Central Elementary	04/25/2017	05/03/2017	17-CES-S-GL-210	ROOM 211	4.47
Central Elementary	04/13/2017	04/24/2017	18	HALL 212 BF	<1.00
Central Elementary	04/13/2017	04/24/2017	19	RM 212 S	2.93
Central Elementary	04/25/2017	05/03/2017	20-CES-S-GL-213	ROOM 213	10.6
Central Elementary	04/13/2017	04/24/2017	21	GYM KITCHEN S	6.07
Central Elementary	04/13/2017	04/24/2017	22	RM 214 S	1.64
Central Elementary	04/13/2017	04/24/2017	23	RM 214 B	1.56
Central Elementary	04/13/2017	04/24/2017	24	RM 215 B	1.51
Central Elementary	04/13/2017	04/24/2017	25	RM 215 S	1.60
Central Elementary	04/13/2017	04/24/2017	26	HALL 304 BF	<1.00
Central Elementary	04/13/2017	04/24/2017	27	HALL 306 B	<1.00
Central Elementary	04/13/2017	04/24/2017	00	BOILER	10.8
Central Elementary	04/13/2017	04/24/2017	29	SUN RM (Quality Control)	<1.00

W01*: SAMPLE DEEMED INSUFFICIENT BY TESTING LABORATORY. THIS SAMPLE WAS RECOLLECTED JUNE 10, 2017 AND CAN BE SEEN BELOW.

Building	Date Collected	Analysis Date	Sample ID	Sample Description	Concentration (ug/L) Or ppb
Byrd Elementary					
Byrd Elementary	04/13/2017	04/24/2017	1	HALL BOYS RM B	1.18
Byrd Elementary	04/13/2017	04/24/2017	2	HALL GIRLS RM B	6.39
Byrd Elementary	04/13/2017	04/24/2017	3	KITCHEN S	1.16
Byrd Elementary	04/13/2017	04/24/2017	4	NURSE KITCHEN S	2.34
Byrd Elementary	04/13/2017	04/24/2017	5	NURSE BATH S	<1.00
Byrd Elementary	04/13/2017	04/24/2017	6	RM 212 S	6.20
Byrd Elementary	04/13/2017	04/24/2017	7	HALL 211 BF	<1.00
Byrd Elementary	04/13/2017	04/24/2017	8	RM 211 S	1.42
Byrd Elementary	04/13/2017	04/24/2017	9	RM 211 B	<1.00
Byrd Elementary	04/13/2017	04/24/2017	10	MEDIA CTR S	3.30
Byrd Elementary	04/13/2017	04/24/2017	11	HALL 204 B	1.13
Byrd Elementary	04/13/2017	04/24/2017	12	COPY RM S	3.82
Byrd Elementary	04/13/2017	04/24/2017	13	RM 203 S	8.24
Byrd Elementary	04/13/2017	04/24/2017	14	RM 203 B	7.80
Byrd Elementary	04/13/2017	04/24/2017	15	RM 208 S	2.92
Byrd Elementary	04/13/2017	04/24/2017	16	HALL 208	**
Byrd Elementary	04/13/2017	04/24/2017	17	RM 209 S	7.23
Byrd Elementary	04/13/2017	04/24/2017	18	RM 305 S	10.6
Byrd Elementary	04/13/2017	04/24/2017	19	3 FLR FACULTY S	1.17
Byrd Elementary	04/13/2017	04/24/2017	20	HALL 304 B	2.77
Byrd Elementary	04/13/2017	04/24/2017	21	RM 304 S	6.69
Byrd Elementary	04/13/2017	04/24/2017	00	BOILER	527
Byrd Elementary	07/5/2017	7/11/2017	00 2 nd Draw	BOILER	66.2
Byrd Elementary	04/13/2017	04/24/2017	22	SUN RM (Quality Control)	<1.00

**Water source was not functioning. Sample must be recollected and tested.

Building	Date Collected	Analysis Date	Sample ID	Sample Description	Concentration (ug/L) Or ppb
Hamilton Elementary					
Hamilton Elementary	04/12/2017	04/24/2017	1	RM 150 S	1.61
Hamilton Elementary	04/12/2017	04/24/2017	2	RM 142 B	<1.00
Hamilton Elementary	04/12/2017	04/24/2017	3	RM 142 B	<1.00
Building	Date Collected	Analysis Date	Sample ID	Sample Description	Concentration (ug/L) Or ppb

Hamilton Elementary					
Hamilton Elementary	04/12/2017	04/24/2017	4	RM 138 S	<1.00
Hamilton Elementary	04/12/2017	04/24/2017	5	RM138 S	<1.00
Hamilton Elementary	04/12/2017	04/24/2017	6	MED CTR S	3.42
Hamilton Elementary	04/12/2017	04/24/2017	7	RM 143 B	1.84
Hamilton Elementary	04/12/2017	04/24/2017	8	RM 143 B	10.1
Hamilton Elementary	04/12/2017	04/24/2017	9	RM 145 S	10.5
Hamilton Elementary	04/12/2017	04/24/2017	10	RM 145 B	5.26
Hamilton Elementary	04/12/2017	04/24/2017	11	RM 146 S	2.83
Hamilton Elementary	04/12/2017	04/24/2017	12	RM 146 B	2.26
Hamilton Elementary	04/12/2017	04/24/2017	13	RM 147 B	4.78
Hamilton Elementary	04/12/2017	04/24/2017	14	RM 147 S	3.72
Hamilton Elementary	04/12/2017	04/24/2017	15	RM 148 S	5.23
Hamilton Elementary	04/12/2017	04/24/2017	16	RM 148 B	2.86
Hamilton Elementary	04/12/2017	04/24/2017	17	RM 101 S	<1.00
Hamilton Elementary	04/12/2017	04/24/2017	18	HALL BY 111 B	<1.00
Hamilton Elementary	04/12/2017	04/24/2017	19	RM 107 B	1.99
Hamilton Elementary	04/12/2017	04/24/2017	20	RM 107 S	3.21
Hamilton Elementary	04/12/2017	04/24/2017	21	HALL BY NURSE B	<1.00
Hamilton Elementary	04/12/2017	04/24/2017	22	RM 119 S	1.43
Hamilton Elementary	04/12/2017	04/24/2017	23	RM 121 S	3.87
Hamilton Elementary	04/12/2017	04/24/2017	24	RM 121 B	1.49
Hamilton Elementary	04/12/2017	04/24/2017	25	RM 130 B	1.24
Hamilton Elementary	04/12/2017	04/24/2017	26	RM 130 S	2.32
Hamilton Elementary	04/12/2017	04/24/2017	27	RM 128 B	1.02
Hamilton Elementary	04/12/2017	04/24/2017	28	RM 128 S	3.01
Hamilton Elementary	04/12/2017	04/24/2017	29	RM 122 S	1.64
Hamilton Elementary	04/12/2017	04/24/2017	30	RM 122 B	1.22
Hamilton Elementary	04/12/2017	04/24/2017	31	RM 124 S	1.70
Hamilton Elementary	04/12/2017	04/24/2017	32	RM 124 B	5.01
Hamilton Elementary	04/12/2017	04/24/2017	33	RM 126 B	1.29
Hamilton Elementary	04/12/2017	04/24/2017	34	RM 126 S	<1.00
Hamilton Elementary	04/12/2017	04/24/2017	35	CONCESSION STD S	8.53
Hamilton Elementary	04/12/2017	04/24/2017	36	BOILER RM S	19.8
Hamilton Elementary	07/5/2017	7/11/2017	36 2 nd Draw	BOILER RM S	<1.00
Hamilton Elementary	04/12/2017	04/24/2017	37	SUN RM (Quality Control)	<1.00

Building	Date Collected	Analysis Date	Sample ID	Sample Description	Concentration (ug/L) Or ppb
Glen Rock High School					
Glen Rock High School	04/25/2017	05/03/2017	1GRH-WC-1FL-116	HALL S 116	<1.00
Glen Rock High School	04/12/2017	04/24/2017	2	SPORTS LOBBY BF	<1.00
Glen Rock High School	04/12/2017	04/24/2017	3	HALL D124 B	6.42
Glen Rock High School	04/12/2017	04/24/2017	5*	HALL B117 B*	<1.00
Glen Rock High School	04/12/2017	04/24/2017	5*	HALL B117 B*	7.50
Glen Rock High School	04/12/2017	04/24/2017	6	MEDIA KIT S	2.51
Glen Rock High School	04/12/2017	04/25/2017	7	CAFETERIA S	7.15
Glen Rock High School	04/12/2017	04/25/2017	8	COOKIE RM S	32.7
Glen Rock High School	07/5/2017	7/11/2017	8 2 nd Draw	COOKIE RM S	8.19
Glen Rock High School	04/12/2017	04/25/2017	9	COOKIE RM S	22.9
Glen Rock High School	07/5/2017	7/11/2017	9 2 nd Draw	COOKIE RM S	5.85
Glen Rock High School	04/12/2017	04/25/2017	10	FOOD LINE CF	<1.00
Glen Rock High School	04/12/2017	04/25/2017	11	FOOD LINE S	5.94
Glen Rock High School	04/12/2017	04/24/2017	12	KITCHEN S	5.53
Glen Rock High School	04/12/2017	04/25/2017	13	KITCHEN PF	846
Glen Rock High School	07/5/2017	7/11/2017	13 2 nd Draw	KITCHEN PF	6.65
Glen Rock High School	04/12/2017	04/25/2017	14	KITCHEN PF	2.13
Glen Rock High School	04/12/2017	04/25/2017	15	KITCHEN S	3.96
Glen Rock High School	04/12/2017	04/25/2017	16	KITCHEN S	7.85
Glen Rock High School	04/12/2017	04/25/2017	17	KITCHEN S	12.2
Glen Rock High School	04/12/2017	04/25/2017	18	CAFETERIA B	8.37
Glen Rock High School	04/12/2017	04/25/2017	19	HALL NURSE B	<1.00
Glen Rock High School	04/12/2017	04/25/2017	20	NURSE OFFICE S	1.93
Glen Rock High School	04/12/2017	04/25/2017	21	NURSE OFFICE S	1.59
Glen Rock High School	04/12/2017	04/25/2017	22	NURSE OFFICE S	2.84
Glen Rock High School	04/12/2017	04/25/2017	23	C SCHOOL OFFICE S	4.64
Glen Rock High School	04/12/2017	04/25/2017	24	T LOUNGE S	2.14
Glen Rock High School	04/12/2017	04/25/2017	25	HALL BY ATT B	1.83
Glen Rock High School	04/12/2017	04/25/2017	26	PRINCIPAL O S	4.58
Glen Rock High School	04/12/2017	04/25/2017	27	HOME ECO S	10.6
Glen Rock High School	04/12/2017	04/24/2017	28	HOME ECO S	3.15
Glen Rock High School	04/12/2017	04/25/2017	29	HOME ECO S	9.20
Glen Rock High School	04/12/2017	04/25/2017	30	HOME ECO S	9.21

Building	Date Collected	Analysis Date	Sample ID	Sample Description	Concentration (ug/L) Or ppb
Glen Rock High School	04/12/2017	04/25/2017	31	HOME ECO S	2.71
Glen Rock High School	04/12/2017	04/25/2017	32	RM D108 B	<1.00
Glen Rock High School	04/12/2017	04/25/2017	33	RM D108 S	1.20
Glen Rock High School					
Glen Rock High School	04/12/2017	04/25/2017	34	RM D109 S	2.03
Glen Rock High School	04/12/2017	04/24/2017	35	RM D110 S	14.5
Glen Rock High School	04/12/2017	04/25/2017	36	RM D110 B	1960
Glen Rock High School	07/5/2017	7/11/2017	36 2 nd Draw	RM D110 B	1.24
Glen Rock High School	04/12/2017	04/25/2017	37	LOCKER HALL B	7.77
Glen Rock High School	04/12/2017	04/25/2017	38	MS HALL BF	2.25
Glen Rock High School	04/12/2017	04/25/2017	39	MS HALL B	2.41
Glen Rock High School	04/12/2017	04/25/2017	40	MS OFFICE S	5.67
Glen Rock High School	04/12/2017	04/25/2017	41	MS OFFICE BATH S	2.06
Glen Rock High School	04/12/2017	04/25/2017	42	HS PE OFFICE S	3.06
Glen Rock High School	04/12/2017	04/25/2017	43	HS PE OFFICE S	3.35
Glen Rock High School	04/12/2017	04/25/2017	44	JAN'S OFFICE S	3.16
Glen Rock High School	04/12/2017	04/25/2017	45	ATH DIR S	5.01
Glen Rock High School	04/12/2017	04/25/2017	46	ART OFFICE S	4.46
Glen Rock High School	04/12/2017	04/25/2017	47	B OFFICE PREP S	<1.00
Glen Rock High School	04/12/2017	04/25/2017	48	SS SUITE B	<1.00
Glen Rock High School	04/12/2017	04/25/2017	49	GIRLS LOCKER RM B	1.38
Glen Rock High School	04/12/2017	04/25/2017	50	WEIGHT RM B	1.83
Glen Rock High School	04/12/2017	04/25/2017	51	TR OFFICE S	6.67
Glen Rock High School	04/12/2017	04/25/2017	52	TR OFFICE IM	2.21
Glen Rock High School	04/12/2017	04/25/2017	53	TR HALL CLOSET IM	1.02
Glen Rock High School	04/12/2017	04/25/2017	54	BOYS LOCKER RM B	<1.00
Glen Rock High School	04/12/2017	04/25/2017	55	MAINTENANCE B	16.4
Glen Rock High School	07/5/2017	7/11/2017	55 2 nd Draw	MAINTENANCE B	40.8
Glen Rock High School	04/12/2017	04/25/2017	56	MAINTENANCE SHOP S	<1.00
Glen Rock High School	04/12/2017	04/25/2017	57	HALL A210 B	2.00
Glen Rock High School	04/12/2017	04/25/2017	58	FACULTY KIT S	6.41
Glen Rock High School	04/12/2017	04/25/2017	59	RM A207 B	3.25
Glen Rock High School	04/12/2017	04/25/2017	60	HALL A207 B	2.16
Glen Rock High School	04/12/2017	04/25/2017	61	HALL A201 B	<1.00
Glen Rock High School	04/12/2017	04/25/2017	62	HALL E223 B	<1.00

Glen Rock High School	04/12/2017	04/25/2017	63	CONCESSION S S	7.08
Glen Rock High School	04/12/2017	04/25/2017	64	CONCESSION S S	2.85
Glen Rock High School	04/12/2017	04/25/2017	65	CONCESSION S HB	9.09
Glen Rock High School	04/12/2017	04/25/2017	66	SUN RM (Quality Control)	<1.00

*Samples four and five both labeled as 5 HALL B117 B were recollected on June 10, 2017. The results can be found below.

Building	Date Collected	Analysis Date	Sample ID	Sample Description	Concentration (ug/L) Or ppb
Coleman Elementary					
Coleman Elementary	06/10/2017	06/15/2017	1-CES-S	RM 4B	1.16
Coleman Elementary	06/10/2017	06/15/2017	2-CES-S	RM 4A	4.23
Coleman Elementary	06/10/2017	06/15/2017	5-CES-S	RM 5	1.73
Coleman Elementary	06/10/2017	06/15/2017	6-CES-DW	RM 5	<1.00
Coleman Elementary	06/10/2017	06/15/2017	8-CES-S	RM 3	4.55
Coleman Elementary	06/10/2017	06/15/2017	10-CES-S	RM 4	37.4
Coleman Elementary	07/5/2017	7/11/2017	10-CES-S 2 nd Draw	RM 4	2.91
Coleman Elementary	06/10/2017	06/15/2017	12-CES-S	RM 2	3.53
Coleman Elementary	06/10/2017	06/15/2017	14-CES-S	RM 1	2.06
Coleman Elementary	06/10/2017	06/15/2017	15-CES-WC	HALL BY RM 7	4.95
Coleman Elementary	06/10/2017	06/15/2017	16-CES-S	RM 8	4.52
Coleman Elementary	06/10/2017	06/15/2017	17-CES-S	RM 7	4.94
Coleman Elementary	06/10/2017	06/15/2017	18-CES-S	RM 10	2.00
Coleman Elementary	06/10/2017	06/15/2017	19-CES-WC	HALL BY RM 10	5.51
Coleman Elementary	06/10/2017	06/15/2017	20-CES-S	RM 12	3.82
Coleman Elementary	06/10/2017	06/15/2017	21-CES-S	RM 9	4.18
Coleman Elementary	06/10/2017	06/15/2017	22-CES-WC	HALL BY RM 11	32.7
Coleman Elementary	07/5/2017	7/11/2017	22-CES-WC 2 nd Draw	HALL BY RM 11	16.5
Coleman Elementary	06/10/2017	06/15/2017	23-CES-S	RM 11	926
Coleman Elementary	07/5/2017	7/11/2017	23-CES-S 2 nd Draw	RM 11	834
Coleman Elementary	06/10/2017	06/15/2017	24-CES-S	RM 14	3.38
Coleman Elementary	06/10/2017	06/15/2017	25-CES-WC	HALL BY RM 14	<1.00
Coleman Elementary	06/10/2017	06/15/2017	26-CES-S	RM 13	8.80
Coleman Elementary	06/10/2017	06/15/2017	27-CES-S	HALL 15	6.08
Coleman Elementary	06/10/2017	06/15/2017	28-CES-WC	HALL BY RM 16	<1.00
Coleman Elementary	06/10/2017	06/15/2017	29-CES-S	RM 16	15.8
Coleman Elementary	07/5/2017	7/11/2017	29-CES-S 2 nd Draw	RM 16	2.38
Coleman Elementary	06/10/2017	06/15/2017	30-CES-S	RM 17	9.93

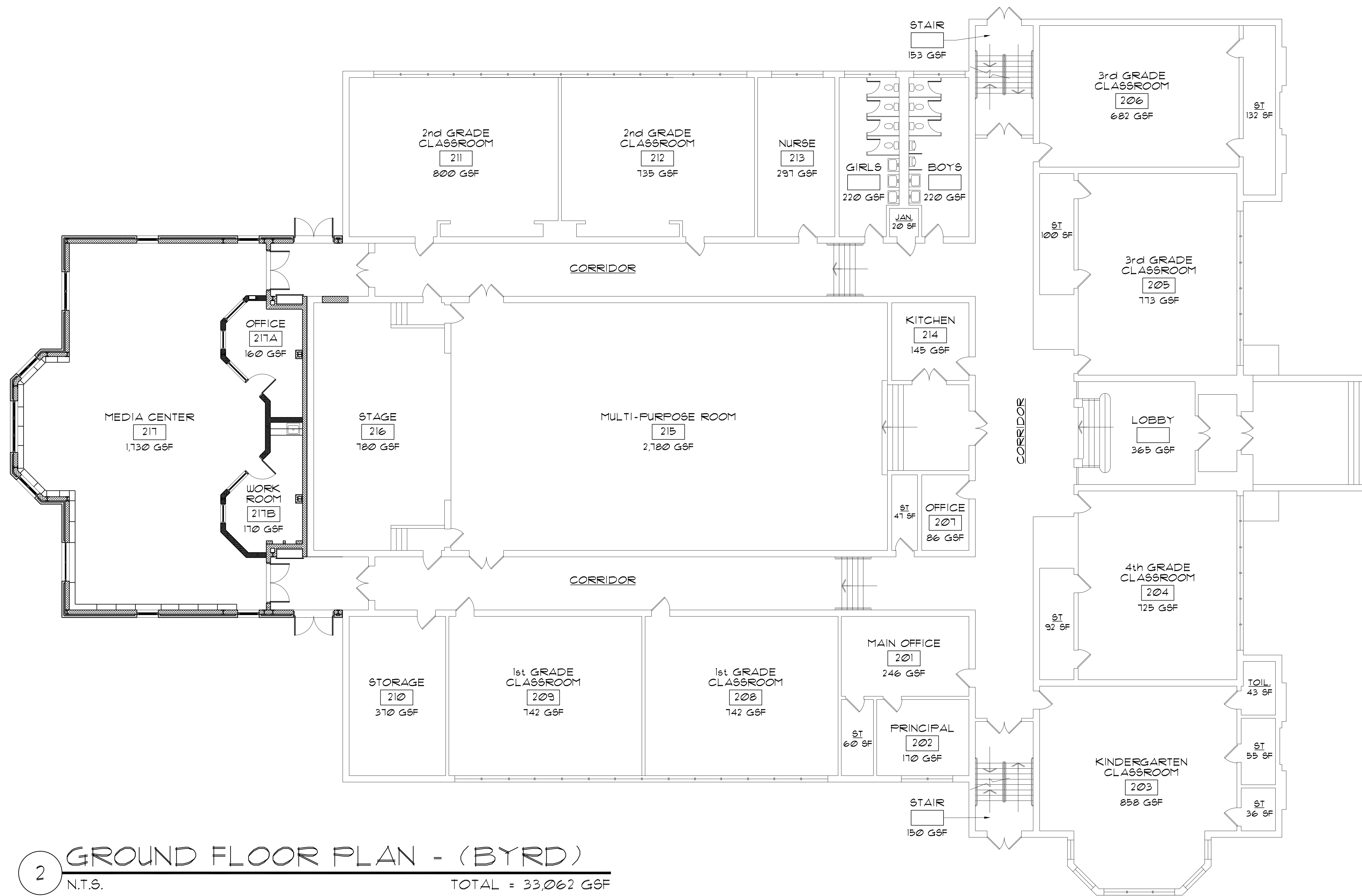
Coleman Elementary	06/10/2017	06/15/2017	31-CES-S	RM 18	7.28
Coleman Elementary	06/10/2017	06/15/2017	32-CES-DW	HALL BY RM 18	8.85
Coleman Elementary	06/10/2017	06/15/2017	33-CES-WC	SIDE HALL ACROSS GYM	<1.00
Coleman Elementary	06/10/2017	06/15/2017	34-CES-S	KITCHEN	3.65
Coleman Elementary	06/10/2017	06/15/2017	35-CES-WC	HALL BY NURSE	1.98
Coleman Elementary	06/10/2017	06/15/2017	36-CES-S	COPY RM	<1.00
Coleman Elementary	06/10/2017	06/15/2017	37-CES-S	NURSE OFFICE	1.83
Coleman Elementary	06/10/2017	06/15/2017	39-CES-S	K-2	1.38
Coleman Elementary	06/10/2017	06/15/2017	41-CES-S	K-1	6.78
Coleman Elementary	06/10/2017	06/15/2017	42-CES-S	FACULTY ROOM	1.84
Coleman Elementary	06/10/2017	06/15/2017	43-CES-WC	STADIUM (Quality Control)	<1.00

Building	Date Collected	Analysis Date	Sample ID	Sample Description	Concentration (ug/L) Or ppb
Central Elementary					
Central Elementary	06/10/2017	06/15/2017	14-CS-DW	HALL BY NURSE	2.08
Central Elementary	06/10/2017	06/15/2017	17-CS-S	ROOM 211	5.83
Central Elementary	06/10/2017	06/15/2017	20-CS-S	ROOM 213	7.44
Central Elementary	06/10/2017	06/15/2017	21-CS-WC	STADIUM (Quality Control)	<1.00

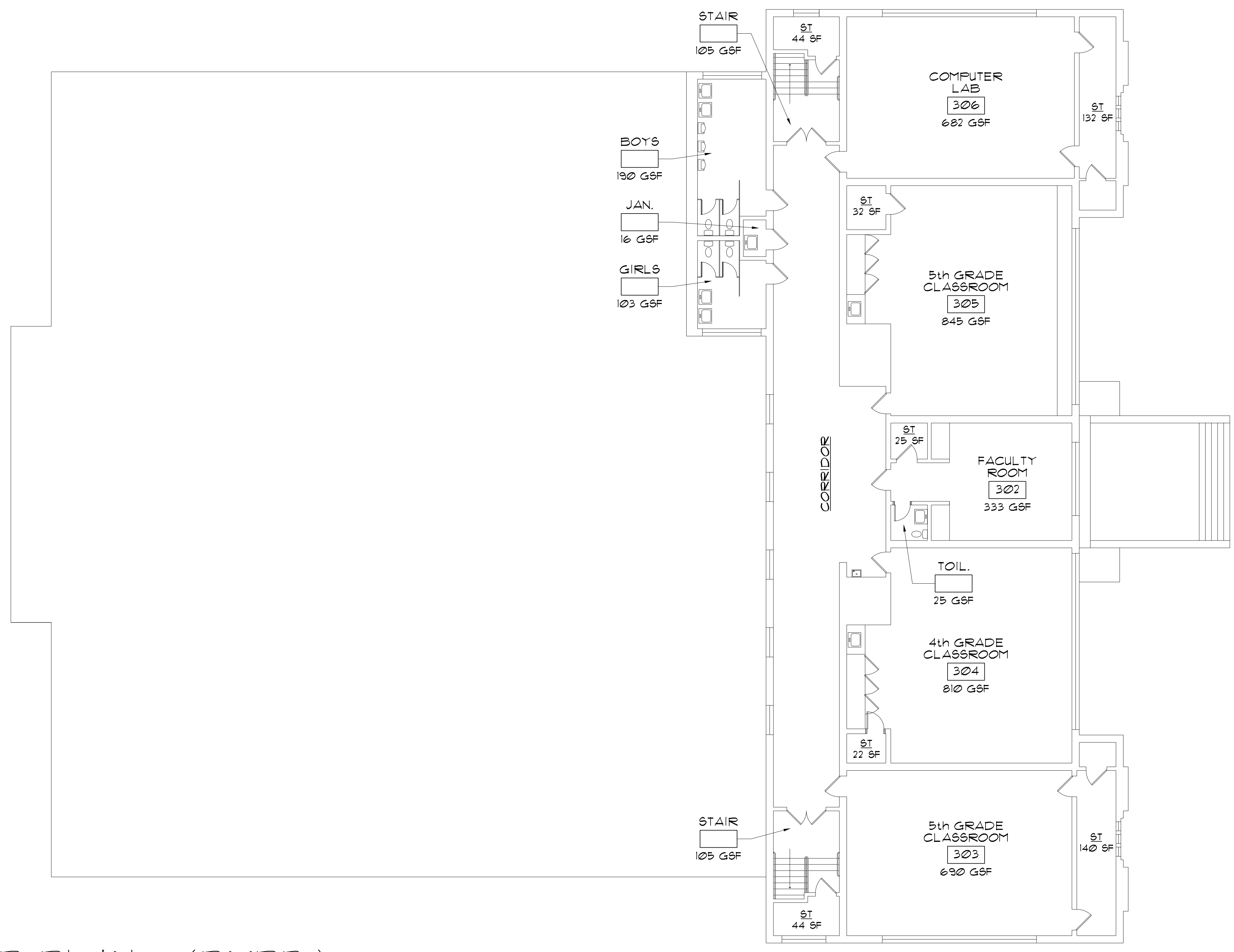
Building	Date Collected	Analysis Date	Sample ID	Sample Description	Concentration (ug/L) Or ppb
Hamilton Elementary					
Hamilton Elementary	06/10/2017	06/15/2017	2-HES-WC	FOUNTAIN 2	<1.00
Hamilton Elementary	06/10/2017	06/15/2017	3-HES-WC	FOUNTAIN 3	<1.00
Hamilton Elementary	06/10/2017	06/15/2017	4-HES-WC	STADIUM (Quality Control)	<1.00

Building	Date Collected	Analysis Date	Sample ID	Sample Description	Concentration (ug/L) Or ppb
Glen Rock High School					
Glen Rock High School	06/10/2017	06/15/2017	4-GHS-WC	HALL BY S.S OFFICE	2.09
Glen Rock High School	06/10/2017	06/15/2017	5-GHS-WC	HALL BY B117	<1.00
Glen Rock High School	06/10/2017	06/15/2017	6-GHS-WC	STADIUM (Quality Control)	<1.00

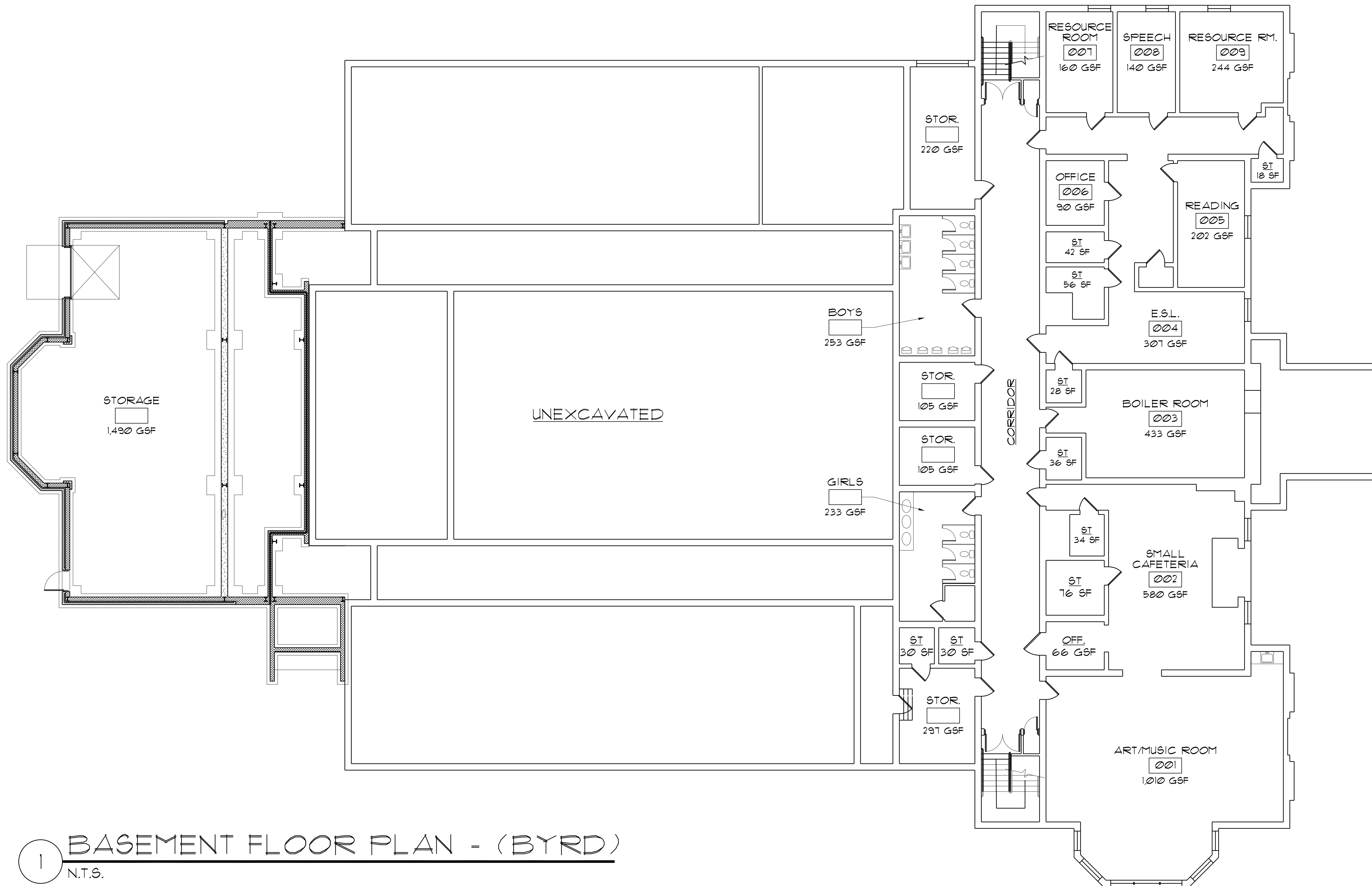
Appendix D Floor Plan(s)



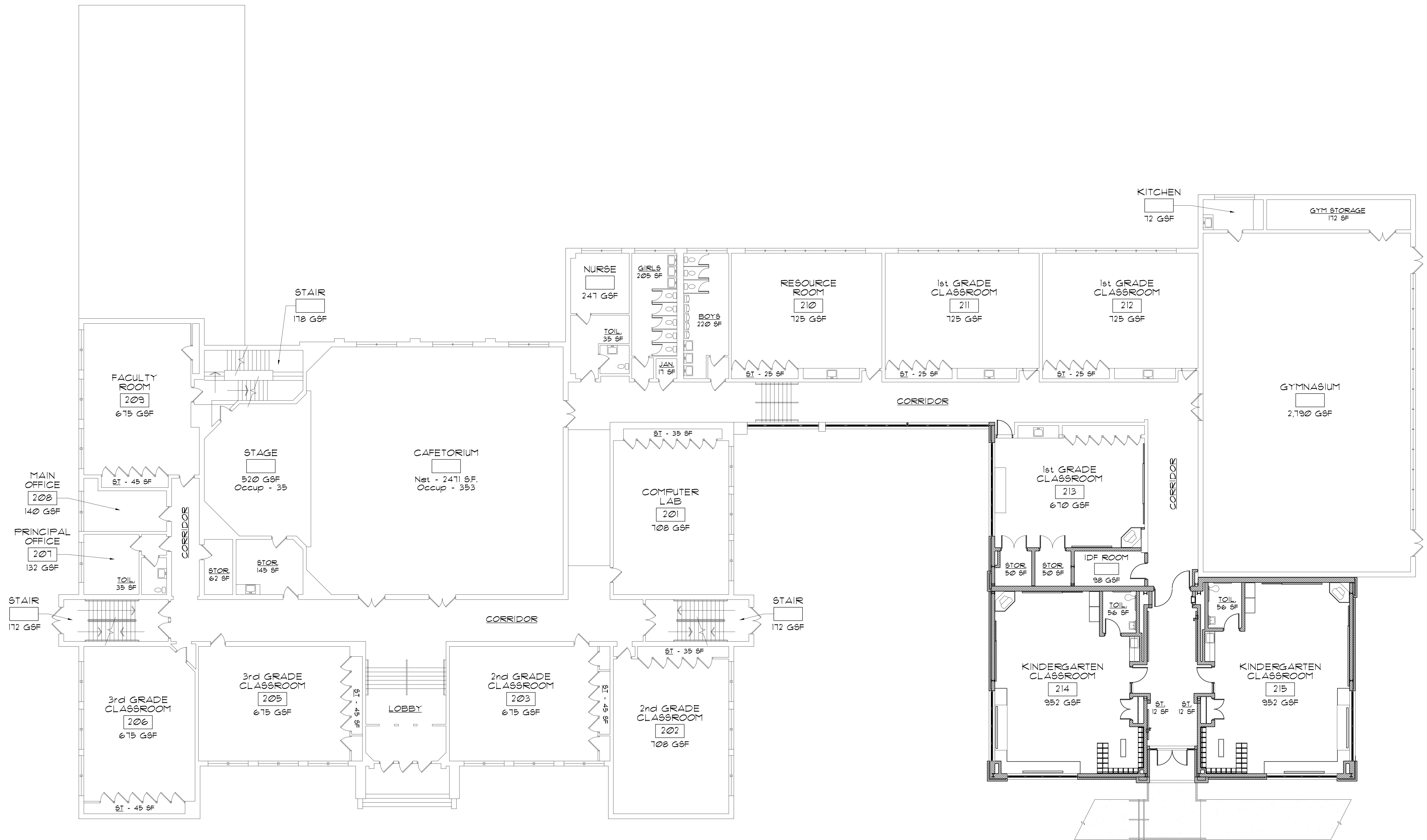
2 GROUND FLOOR PLAN - (BYRD)
 N.T.S. TOTAL = 33,062 GSF



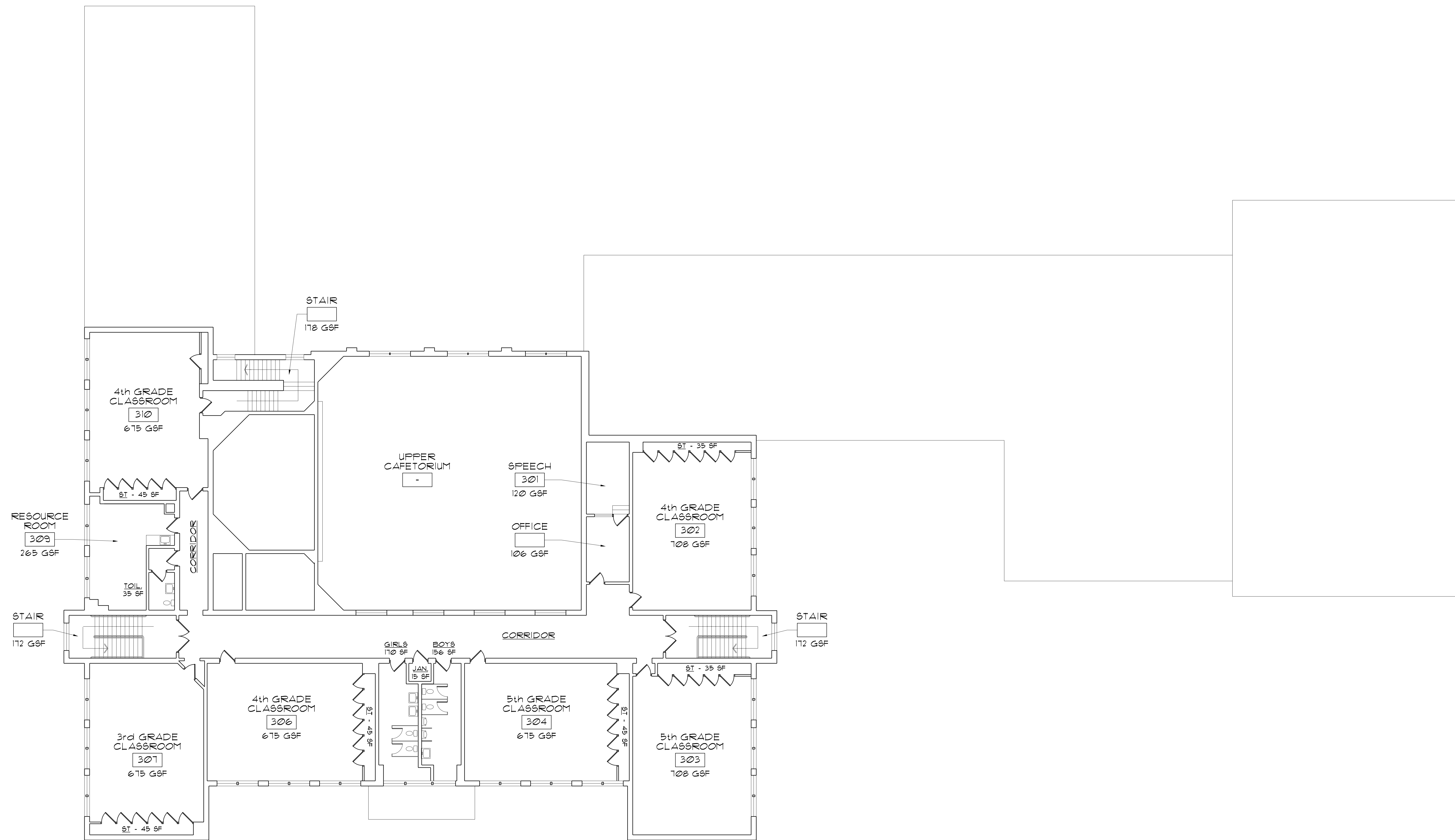
3 SECOND FLOOR PLAN - (BYRD)
 N.T.S.



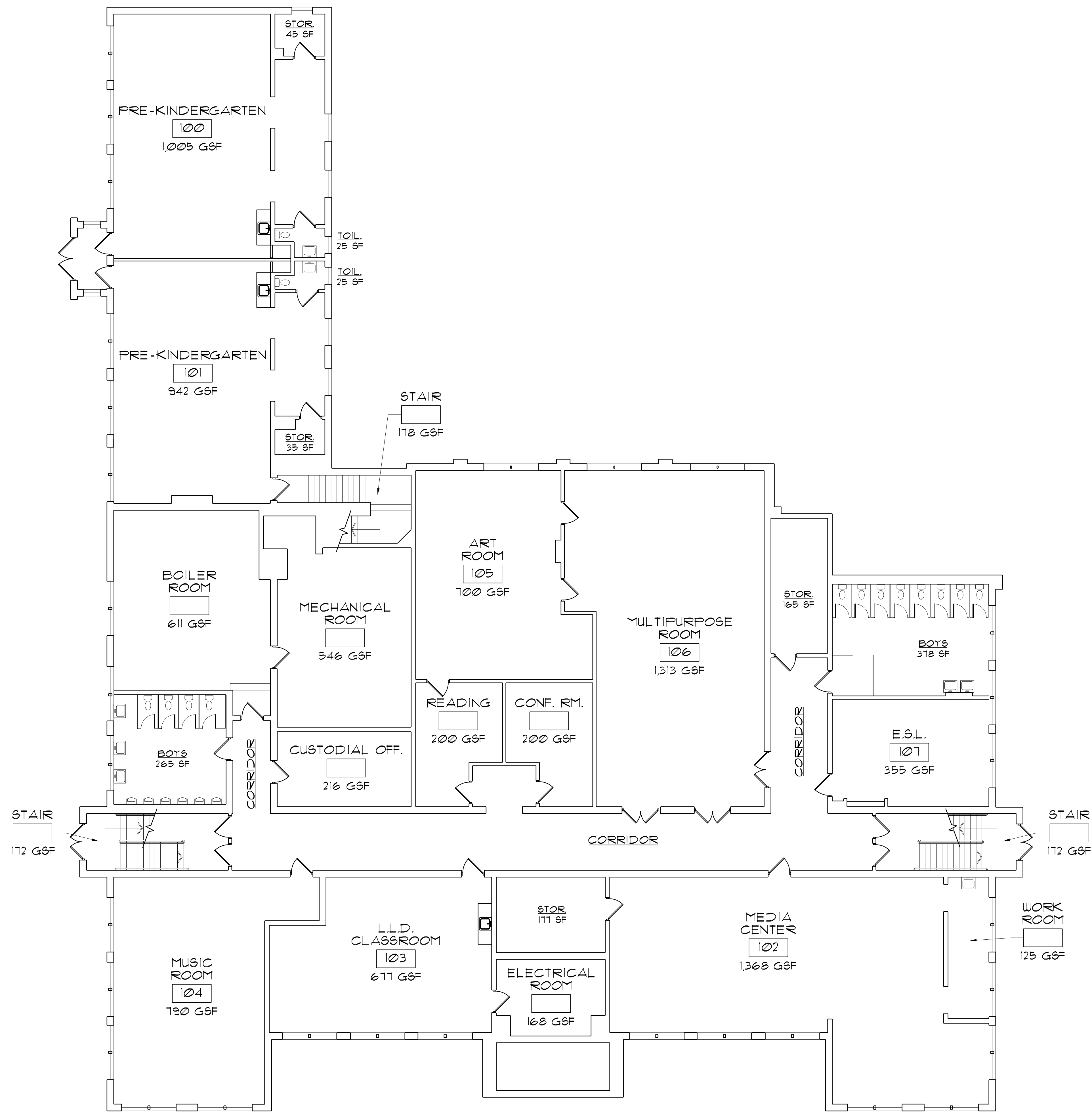
1 BASEMENT FLOOR PLAN - (BYRD)
N.T.S.



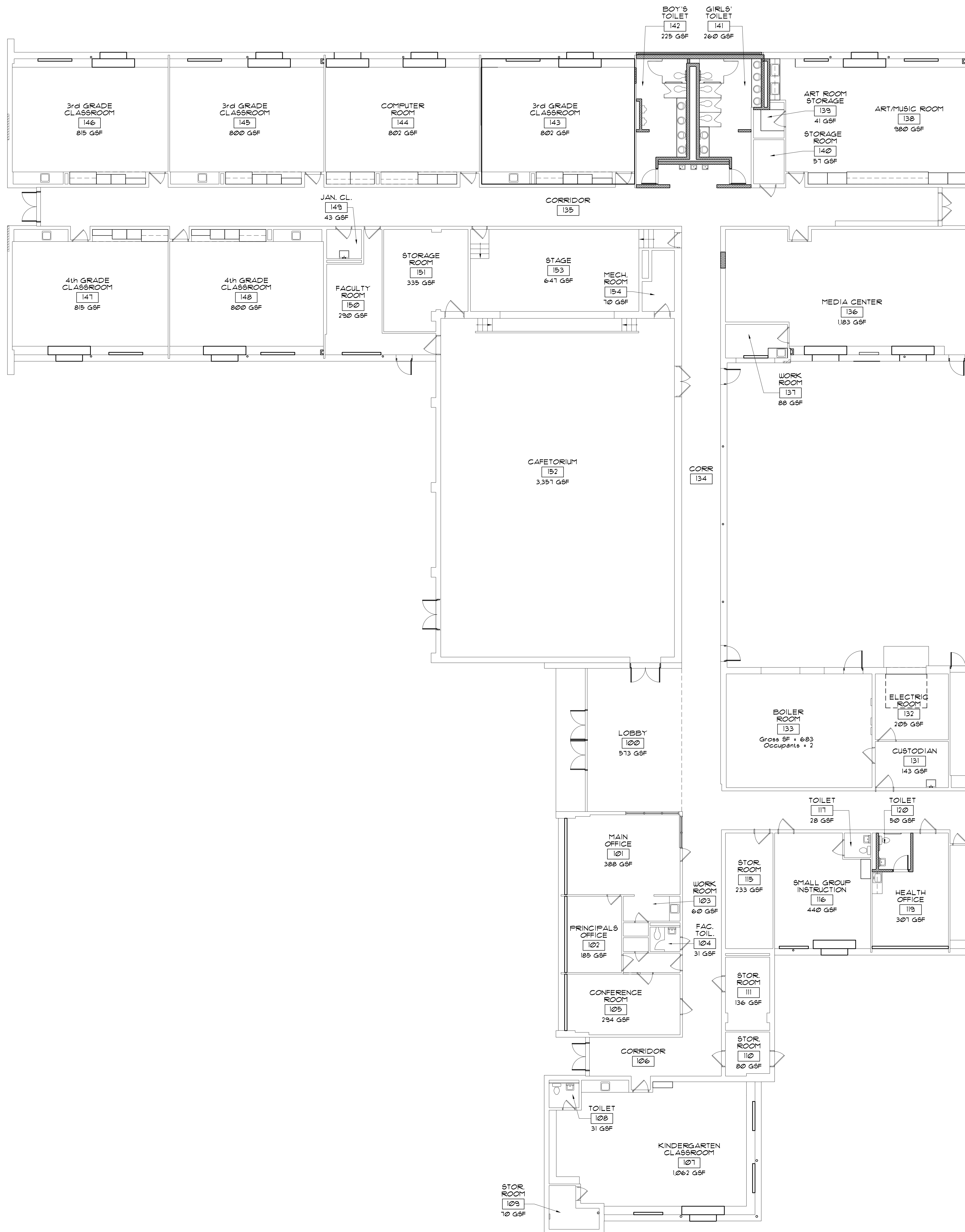
2 GROUND FLOOR PLAN - (CENTRAL)
 N.T.S. TOTAL = 45,400 GSF



3 SECOND FLOOR PLAN - (CENTRAL)
N.T.S.



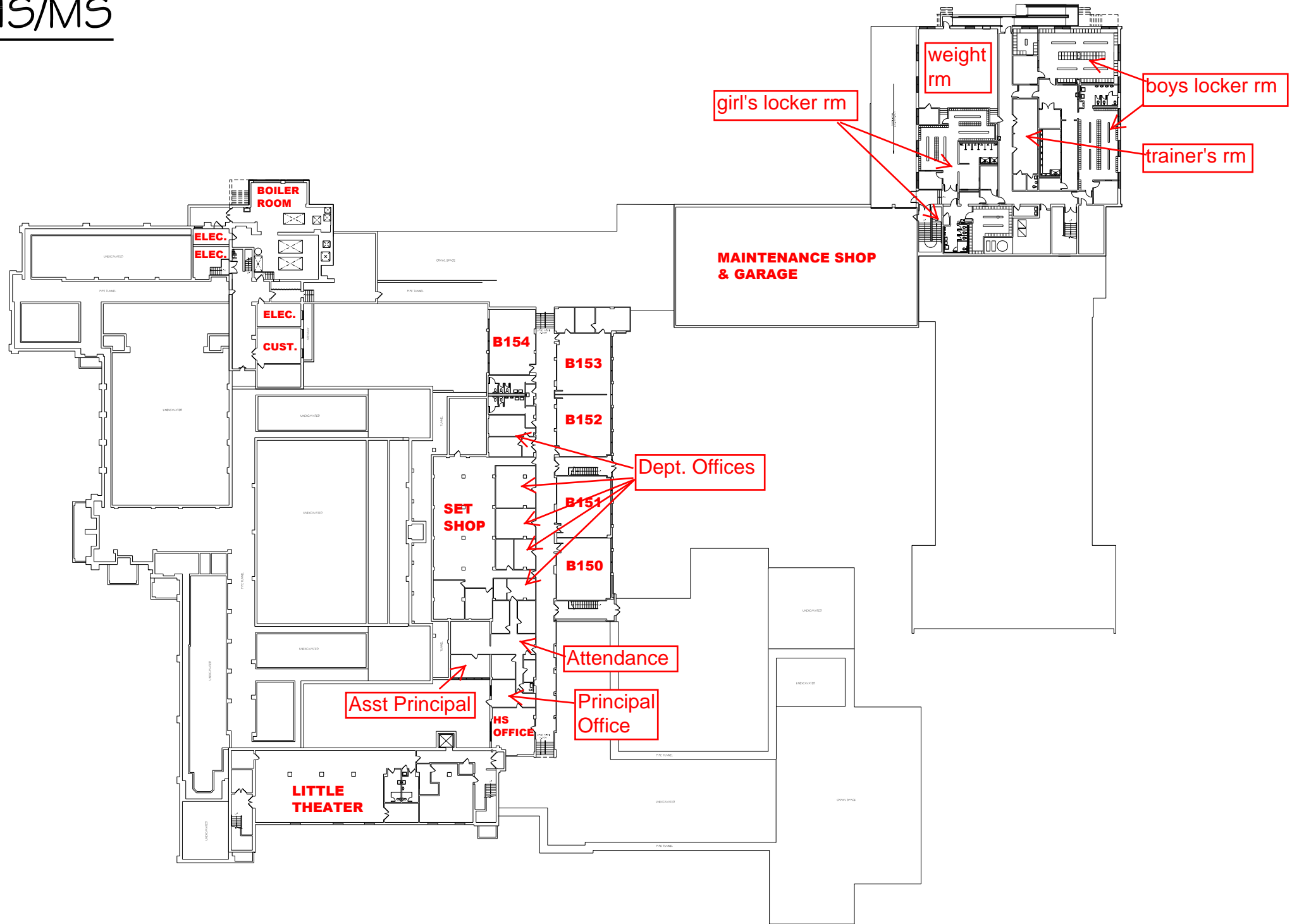
1 LOWER LEVEL FLOOR PLAN - (CENTRAL)
 N.T.S.



1 FLOOR PLAN - (HAMILTON)
 N.T.S. TOTAL = 29,895 GSF

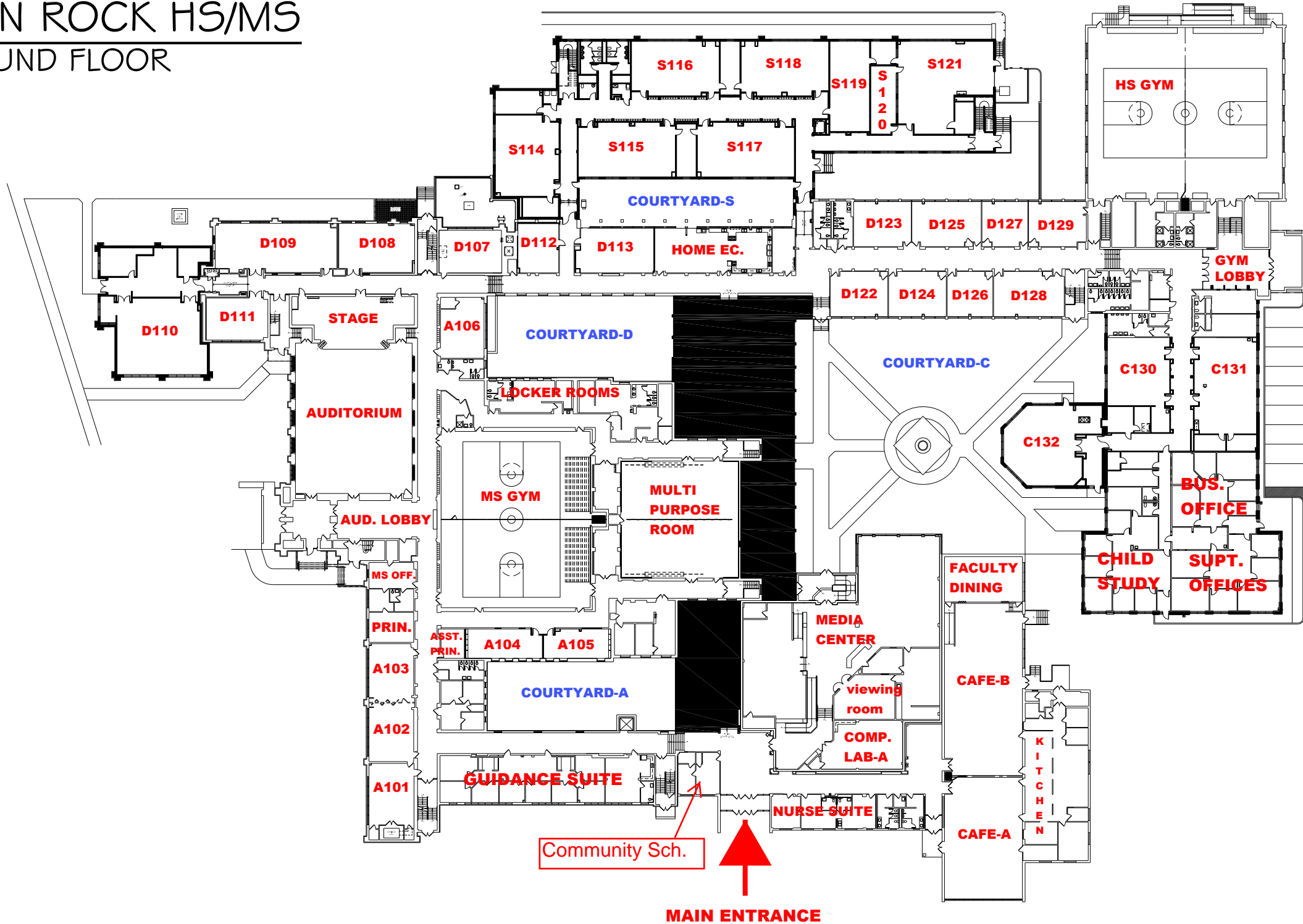
GLEN ROCK HS/MS

LOWER LEVEL



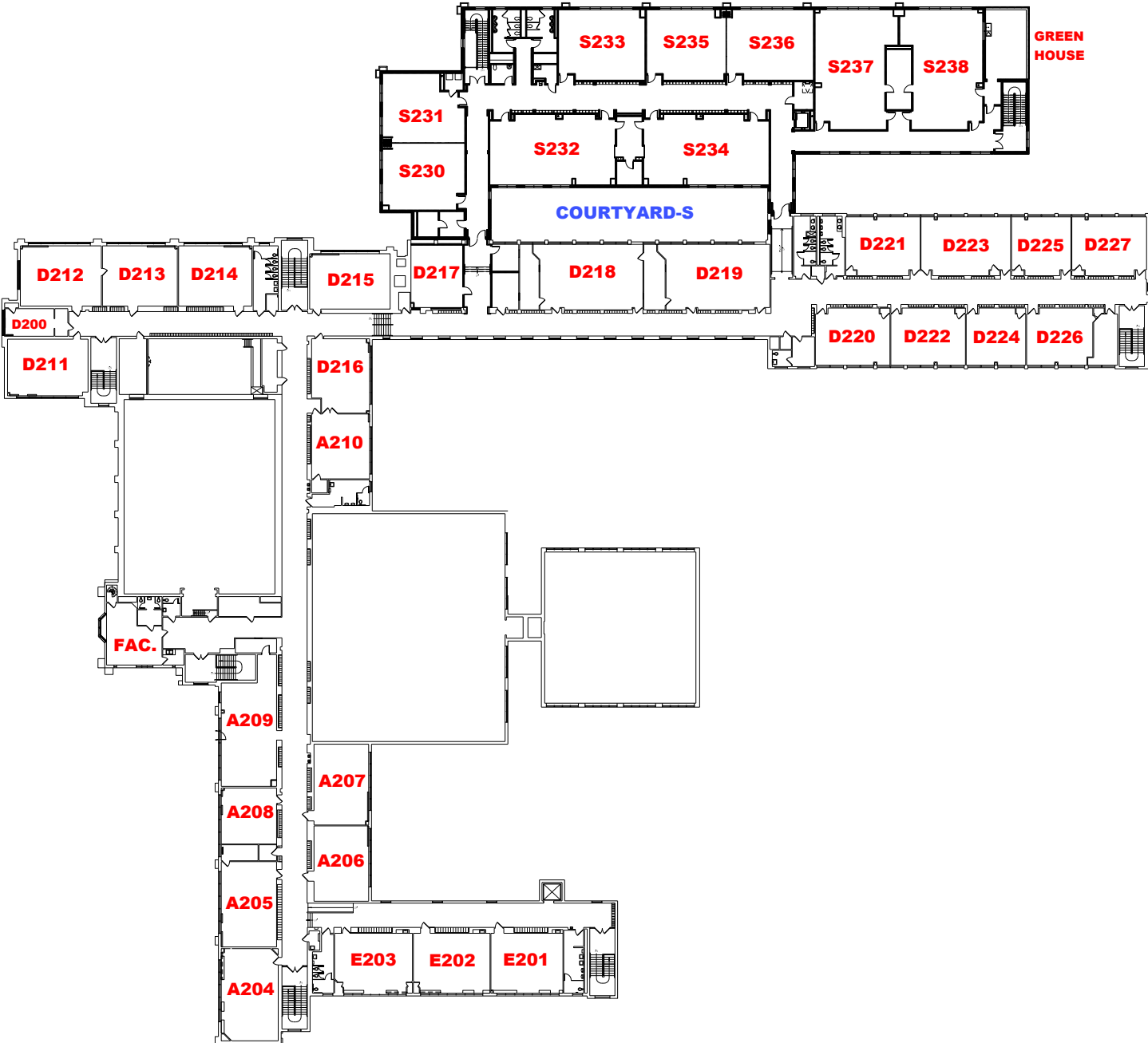
GLEN ROCK HS/MS

GROUND FLOOR



GLEN ROCK HS/MS

SECOND FLOOR



Appendix E Laboratory Data



Environmental Hazards Services, LLC

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July 13, 2017

LEW Corp
181 US Highway 46
Mine Hill, NJ 07803

PROJECT INFORMATION

Project/Test Address: 170664; Hamilton Elementary; 380 Harristown Rd; Glen Rock, NJ

Report Number: 17-07-00800

Analysis Type: Lead – Standard Method 3113B

Lab Accreditation

Number: NJ-VA008/NY-11714

Results, Discussion

Qualifiers: N/A

A handwritten signature in blue ink that reads "Julie Dickerson". The signature is fluid and cursive, with the first name "Julie" and last name "Dickerson" clearly legible.

Julie Dickerson
Laboratory Administrator
Environmental Hazards Services, LLC



Environmental Hazards Services, L.L.C.
 7469 Whitepine Rd
 Richmond, VA 23237
 Telephone: 800.347.4010

Lead in Drinking Water Analysis Report

Report Number: 17-07-00800

Client: LEW Corp
 181 US Hwy 46
 Mine Hill, NJ 07803

Received Date: 07/07/2017
Reported Date: 07/13/2017
Sampled By: Neil Wendt
Tech Certification #:

Project/Test Address: 170664; Hamilton Elementary; 380 Harristown Rd; Glen Rock, NJ

Client Number:
 201327

Laboratory Results

Fax Number:
 Ext 18

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
17-07-00800-001	36-HAM-S	7/05/2017	BOILER RM SINK	<1.00	07/11/2017	
17-07-00800-002	BLANK	7/05/2017	BLANK	<1.00	07/11/2017	

Method: SM 3113B-2010
Accreditation #: NJ VA008

Reviewed By Authorized Signatory: *Melissa Kanode*

Missy Kanode
 QA/QC Clerk

Sample Results denoted with a "less than" (<) sign contain less than the reporting limit which is 1 ppb.

The EPA Maximum Contaminant Level for Lead in Drinking Water is 15 ppb. The results herein conform to NELAC standards, where applicable, unless otherwise narrated on this report. Results represent the analysis of samples submitted by the client. Sample location, description, field parameter results, etc., were provided by the client. This report cannot be reproduced, except in full, without written approval from Environmental Hazards Services, L.L.C.

LEGEND ug/L= micrograms per liter ppb = parts per billion



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SHIP TO: 7469 Whitepine Rd. Richmond, VA 23237

Phone: (800) 347-4010 FAX: (804) 275-4907

17-07-00800



Due Date:

07/14/2017

(Friday)

AE

Company Name: LEW Corporation

Account #: 201327

Address: 1090 Bristol Road

City/State/Zip: Mountaintside, NJ 07092

Phone: 908-654-8068

Email: labresults@lewcorp.com

Fax: 908-654-8069

Project Name / Collection Address: 170664, 640 Doremus Ave.

City/State/Zip: Glen Rock NJ

P.O. #: _____ Sampled By: N. Wendt

License # (If Required): _____

Water Source: (Check One) Public Well Well Tag # (If Applicable):

Byrd Elementary & Hamilton Elementary
640 Doremus Ave 380 Harrison Blvd

<input checked="" type="checkbox"/> 5 Day Turnaround	<input type="checkbox"/> 3 Day Turnaround	<input type="checkbox"/> 2 Day Turnaround	<input type="checkbox"/> 1 Day Turnaround * Call/Ahead
--	---	---	--

No.	Client Sample ID	Collection Location (Ex: Kitchen Sink)	Collection Date	Collection Time	Metals			Field Parameters		LAB USE
					Lead	Copper	Other	Field pH at time of Collection:	Temp. at time of Collection:	
1	00-BE-POE	Boiler Room POE	7/5/17	11 AM	X		Byrd Elementary			
2	Blank	lot # 4705ESI								
3	36-PLAN-S	Boiler Room Sink								
4	Blank	lot # 4705ESI								
5										
6										
7										
8										
9										
10										

Released by: N. Wendt

Signature: [Signature]

Released by: [Signature]

Signature: [Signature]

Date/Time: 7/5/17 4PM

Date/Time: 7/7/17

BBEC

[Signature]



Environmental Hazards Services, LLC

7469 Whitepine Rd. • Richmond, VA 23237 • 800-347-4010 • jdickerson@leadlab.com

July 12, 2017

LEW Corp
181 US Highway 46
Mine Hill, NJ 07803

PROJECT INFORMATION

Project/Test Address: 170664; Glen Rock H.S.; 400 Hamilton Ave.; Glen Rock, NJ

Report Number: 17-07-00792

Analysis Type: Lead – Standard Method 3113B

Lab Accreditation

Number: NJ-VA008/NY-11714

Results, Discussion

Qualifiers: N/A

A handwritten signature in blue ink, appearing to read "Julie Dickerson". The signature is fluid and cursive, with the first name "Julie" being more prominent.

Julie Dickerson
Laboratory Administrator
Environmental Hazards Services, LLC



Environmental Hazards Services, L.L.C.
 7469 Whitepine Rd
 Richmond, VA 23237
 Telephone: 800.347.4010

Lead in Drinking Water Analysis Report

Report Number: 17-07-00792

Client: LEW Corp
 181 US Hwy 46
 Mine Hill, NJ 07803

Received Date: 07/07/2017
 Reported Date: 07/12/2017
 Sampled By: Neil Wendt
 Tech Certification #:

Project/Test Address: 170664; Glen Rock H.S.; 400 Hamilton Ave.; Glen Rock, NJ

Client Number:
 201327

Laboratory Results

Fax Number:
 Ext 18

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
17-07-00792-001	13-GRHW-FP	07/05/2017	KITCHEN KETTLE	6.65	07/11/2017	
17-07-00792-002	8-GRHS-KC	07/05/2017	COOKIE RM	8.19	07/11/2017	
17-07-00792-003	9-GRHS-KC	07/05/2017	COOKIE RM	5.85	07/11/2017	
17-07-00792-004	35-GRHS-S	07/05/2017	RM D-110 BAND	1.24	07/11/2017	
17-07-00792-005	55-GRHS-WC	07/05/2017	MAINTENENCE	40.8	07/11/2017	
17-07-00792-006	BLANK	07/05/2017		<1.00	07/11/2017	

Environmental Hazards Services, L.L.C

Client Number: 201327

Report Number: 17-07-00792

Project/Test Address: 170664; Glen Rock H.S.; 400 Hamilton Ave.; Glen Rock, NJ

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
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Method: SM 3113B-2010

Accreditation #: NJ VA008



Reviewed By Authorized Signatory:

Julie Dickerson

Laboratory Administrator

Sample Results denoted with a "less than" (<) sign contain less than the reporting limit which is 1 ppb.

The EPA Maximum Contaminant Level for Lead in Drinking Water is 15 ppb. The results herein conform to NELAC standards, where applicable, unless otherwise narrated on this report. Results represent the analysis of samples submitted by the client. Sample location, description, field parameter results, etc., were provided by the client. This report cannot be reproduced, except in full, without written approval from Environmental Hazards Services, L.L.C.

LEGEND ug/L= micrograms per liter ppb = parts per billion



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July 13, 2017

LEW Corp
181 US Highway 46
Mine Hill, NJ 07803

PROJECT INFORMATION

Project/Test Address: 170664; Coleman Elementary; 100 Pinelynn Rd; Glen Rock, NJ

Report Number: 17-07-00796

Analysis Type: Lead – Standard Method 3113B

Lab Accreditation

Number: NJ-VA008/NY-11714

Results, Discussion

Qualifiers: N/A

A handwritten signature in blue ink that reads 'Julie Dickerson'. The signature is fluid and cursive, with the first name 'Julie' being particularly prominent.

Julie Dickerson
Laboratory Administrator
Environmental Hazards Services, LLC



Environmental Hazards Services, L.L.C.
 7469 Whitepine Rd
 Richmond, VA 23237
 Telephone: 800.347.4010

Lead in Drinking Water Analysis Report

Report Number: 17-07-00796

Client: LEW Corp
 181 US Hwy 46
 Mine Hill, NJ 07803

Received Date: 07/07/2017
Reported Date: 07/13/2017
Sampled By: Neil Wendt
Tech Certification #:

Project/Test Address: 170664; Coleman Elementary; 100 Pinelynn Rd; Glen Rock, NJ

Client Number:
 201327

Laboratory Results

Fax Number:
 Ext 18

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
17-07-00796-001	22-COE-DW	07/05/2017	RM 11 HALL	16.5	07/11/2017	
17-07-00796-002	23-COE-S	07/05/2017	RM 11	834	07/12/2017	
17-07-00796-003	29-COE-S	07/05/2017	RM 16	2.38	07/11/2017	
17-07-00796-004	10-COE-S	07/05/2017	RM 4	2.91	07/11/2017	
17-07-00796-005	BLANK	07/05/2017	BLANK	<1.00	07/11/2017	

Method: SM 3113B-2010
Accreditation #: NJ VA008

Reviewed By Authorized Signatory: *Melissa Kanode*

Missy Kanode
 QA/QC Clerk

Sample Results denoted with a "less than" (<) sign contain less than the reporting limit which is 1 ppb.

The EPA Maximum Contaminant Level for Lead in Drinking Water is 15 ppb. The results herein conform to NELAC standards, where applicable, unless otherwise narrated on this report. Results represent the analysis of samples submitted by the client. Sample location, description, field parameter results, etc., were provided by the client. This report cannot be reproduced, except in full, without written approval from Environmental Hazards Services, L.L.C.

LEGEND ug/L= micrograms per liter ppb = parts per billion



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17-07-00796



Due Date:

07/14/2017

(Friday)

AE

CS

Company Name: LEW Corporation

Account #: 201327

Address: 1090 Bristol Road

City/State/Zip: Mountainside, NJ 07092

Phone: 908-654-8068

Email: labresults@lewcorp.com

Fax: 908-654-8069

Project Name / Collection Address: (Required)

170664, 100 Pinelawn Rd

City/State/Zip: (Required)

Glen Rock NJ

P.O. #: _____

Sampled By: *W Cleverly*

License # (if Required): _____

Water Source: (Check One) Public Well

Well Tag # (if Applicable): _____

Well Tag # (if Applicable): _____

Coleman Elementary

<input checked="" type="checkbox"/> 5 Day Turnaround	<input type="checkbox"/> 3 Day Turnaround	<input type="checkbox"/> 2 Day Turnaround	<input type="checkbox"/> 1 Day Turnaround - Call Ahead
--	---	---	--

No.	Client Sample ID	Collection Location (Ex: Kitchen Sink)	Collection Date	Collection Time	Metals			Field Parameters		LAB USE
					Lead	Copper	Other	Field pH at time of Collection:	Temp. at time of Collection:	
1	725-COE-DVD	Rm 11 Hall	7/5/17	10 AM	X					
2	23-COE-5	Rm 11								
3	29-COE-5	Rm 16								
4	10-COE-5	Rm 4								
5	blank	184705E51								
6										
7										
8										
9										
10										

Released by: *W Cleverly* Signature: *W Cleverly* Date/Time: 7/5/17 4PM

Released by: *GRB* Signature: *GRB* Date/Time: 7/7/17



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July 12, 2017

LEW Corp
181 US Highway 46
Mine Hill, NJ 07803

PROJECT INFORMATION

Project/Test Address: 170664; Central Elementary; 600 Maple Ave.; Glen Rock, NJ

Report Number: 17-07-00790

Analysis Type: Lead – Standard Method 3113B

Lab Accreditation

Number: NJ-VA008/NY-11714

Results, Discussion

Qualifiers: N/A

A handwritten signature in blue ink, appearing to read 'Julie Dickerson', written in a cursive style.

Julie Dickerson
Laboratory Administrator
Environmental Hazards Services, LLC



Environmental Hazards Services, L.L.C.
 7469 Whitepine Rd
 Richmond, VA 23237
 Telephone: 800.347.4010

Lead in Drinking Water Analysis Report

Client: LEW Corp
 181 US Hwy 46
 Mine Hill, NJ 07803

Report Number: 17-07-00790
 Received Date: 07/07/2017
 Reported Date: 07/12/2017
 Sampled By: Neil Wendt
 Tech Certification #:

Project/Test Address: 170664; Central Elementary; 600 Maple Ave.; Glen Rock, NJ

Client Number:
 201327

Laboratory Results

Fax Number:
 Ext 18

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
17-07-00790-001	16-CE-S	07/05/2017	RM 210	8.58	07/11/2017	
17-07-00790-002	1-CE-DW	07/05/2017	RM 101	19.4	07/11/2017	
17-07-00790-003	2-CE-S	07/05/2017	RM 101	5.45	07/11/2017	
17-07-00790-004	BLANK	07/05/2017		<1.00	07/11/2017	

Method: SM 3113B-2010
 Accreditation #: NJ VA008

Reviewed By Authorized Signatory:

Julie Dickerson
 Laboratory Administrator

Sample Results denoted with a "less than" (<) sign contain less than the reporting limit which is 1 ppb.

The EPA Maximum Contaminant Level for Lead in Drinking Water is 15 ppb. The results herein conform to NELAC standards, where applicable, unless otherwise narrated on this report. Results represent the analysis of samples submitted by the client. Sample location, description, field parameter results, etc., were provided by the client. This report cannot be reproduced, except in full, without written approval from Environmental Hazards Services, L.L.C.

LEGEND ug/L= micrograms per liter ppb = parts per billion



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17-07-00790



Due Date:

07/14/2017

(Friday)

AE

Account #: 201327

Company Name: LEW Corporation

Address: 1090 Bristol Road

City/State/Zip: Mountainside, NJ 07092

Phone: 908-654-8068

Email: labresults@lewcorp.com

Fax: 908-654-8069

Project Name / Collection Address: (Required)

170664, 600 Maple Ave

City/State/Zip: (Required)

Clon Rock NJ

P.O. #: _____

Sampled By: *N Wendt*

License # (If Required): _____

Water Source: (Check One) Public Well

Well Tag # (If Applicable): _____

Center of Environment

5 Day Turnaround
 3 Day Turnaround
 2 Day Turnaround
 1 Day Turnaround - Call Ahead

No.	Client Sample ID	Collection Location (Ex: Kitchen Sink)	Collection Date	Collection Time	Metals			Field Parameters		LAB USE Temp at Time of Receipt:
					Lead	Copper	Other	Field pH at time of Collection:	Temp. at time of Collection:	
1	16-CE-S	Rm 210	7/5/17	10 ^{AM}	X					
2	1-CE-DW	Rm 101								
3	2-CE-S	Rm 101								
4	blank	lot 4705E51								
5										
6										
7										
8										
9										
10										

Released by: *NWendt*

Signature: *NWendt*

Date/Time: 7/5/17

Released by: _____

Signature: _____

Date/Time: _____

GRCS

[Handwritten signature]

7/7/17



Environmental Hazards Services, LLC

7469 Whitepine Rd. • Richmond, VA 23237 • 800-347-4010 • jdickerson@leadlab.com

July 13, 2017

LEW Corp
181 US Highway 46
Mine Hill, NJ 07803

PROJECT INFORMATION

Project/Test Address: 170664; Byrd Elementary; 640 Doremus Ave; Glen Rock, NJ

Report Number: 17-07-00798

Analysis Type: Lead – Standard Method 3113B

Lab Accreditation

Number: NJ-VA008/NY-11714

Results, Discussion

Qualifiers: N/A

A handwritten signature in blue ink that reads "Julie Dickerson". The signature is fluid and cursive, with the first name "Julie" and last name "Dickerson" clearly legible.

Julie Dickerson
Laboratory Administrator
Environmental Hazards Services, LLC



Environmental Hazards Services, L.L.C.
 7469 Whitepine Rd
 Richmond, VA 23237
 Telephone: 800.347.4010

Lead in Drinking Water Analysis Report

Client: LEW Corp
 181 US Hwy 46
 Mine Hill, NJ 07803

Report Number: 17-07-00798
Received Date: 07/07/2017
Reported Date: 07/13/2017
Sampled By: Neil Wendt
Tech Certification #:

Project/Test Address: 170664; Byrd Elementary; 640 Doremus Ave; Glen Rock, NJ

Client Number:
201327

Laboratory Results

Fax Number:
Ext 18

Lab Sample Number	Client Sample ID	Collection Date	Collection Location	Concentration ug/L (ppb)	Analysis Date	Narrative ID
17-07-00798-001	00-BE-POE	07/05/2017	BOILER RM POE	66.2	07/11/2017	
17-07-00798-002	BLANK	07/05/2017	BLANK	<1.00	07/11/2017	

Method: SM 3113B-2010
Accreditation #: NJ VA008

Reviewed By Authorized Signatory: *Melissa Kanode*

Missy Kanode
QA/QC Clerk

Sample Results denoted with a "less than" (<) sign contain less than the reporting limit which is 1 ppb.

The EPA Maximum Contaminant Level for Lead in Drinking Water is 15 ppb. The results herein conform to NELAC standards, where applicable, unless otherwise narrated on this report. Results represent the analysis of samples submitted by the client. Sample location, description, field parameter results, etc., were provided by the client. This report cannot be reproduced, except in full, without written approval from Environmental Hazards Services, L.L.C.

LEGEND ug/L= micrograms per liter ppb = parts per billion



ENVIRONMENTAL HAZARDS SERVICES, LLC

ONLINE CLIENT PORTAL AVAILABLE FOR ANALYSIS RESULTS AT: www.leadlab.com

Water Chain-of-Custody Form

SHIP TO: 7469 Whitepine Rd. Richmond, VA 23237
Phone: (800) 347-4010 FAX: (804) 275-4907

Company Name: LEW Corporation
Address: 1090 Bristol Road
City/State/Zip: Mountainside, NJ 07092
Account #: 201327

Phone: 908-654-8068
Email: labresults@lewcorp.com
Fax: 908-654-8069

Project Name / Collection Address: 170664, 640 Doremus Ave
City/State/Zip: Glen Rock NJ

P.O. #: _____
Sampled By: N. Wendt
License # (If Required): _____

Water Source: (Check One) Public Well
Well Tag # (If Applicable): 640 Doremus Ave
Byrd Elementary + Hamilton Elem Rd
350 Hattistown Rd

X 5 Day Turnaround 3 Day Turnaround 2 Day Turnaround 1 Day Turnaround Callhead

No.	Client Sample ID	Collection Location (Ex: Kitchen Sink)	Collection Date	Collection Time	Metals			Field Parameters		LAB USE
					Lead	Copper	Other	Field pH at time of Collection:	Temp. at time of Collection:	
1	00-BE-POE	Boiler Rm POE	7/5/17	11 AM PM	X					
2	Blank	lot # 4705E51					Byrd Elementary			
3	36-HAM-5	Boiler Nm Sink								
4	Blank	lot # 4705E51					Hamilton Elem			
5										
6										
7										
8										
9										
10										

Released by: N. Wendt
Signature: *N. Wendt*
Date/Time: 7/5/17
APM

GREEN

[Signature]

7/7/17

17-07-00798

Due Date: 07/14/2017 (Friday)
AE