



May 19, 2023

Sent via email to: [sfranco@mpcsd.org](mailto:sfranco@mpcsd.org)

Ms. Sandra Guevara  
Menlo Park City School District  
181 Encinal Avenue  
Atherton, CA 94027

**Re: Lead in Drinking/Cooking Water Sampling  
Encinal Elementary School**  
195 Encinal Avenue, Atherton, CA  
ACC Project No: 3238-001.01

Dear Ms. Guevara:

ACC presents this project documentation package, summarizing project activities designed and/or supervised by ACC Environmental Consultants, Inc. (ACC). ACC was authorized by Sandra Guevara with Menlo Park City School District to provide water-monitoring services for Encinal Elementary School, located at 195 Encinal Avenue, Atherton, California. Services were performed in accordance with the scope of work outlined in ACC proposal 81302, dated Tuesday, April 18, 2023.

## CONTAMINANTS OF CONCERN

ACC conducted water sampling during zero occupancy periods at the site. The primary contaminant of concern surveyed in this assessment is total lead. The California State Water Resource Control Board regulates these contaminants under AB2370. The CSWRCB has set the lead water limits to 5 parts per billion (ppb).

The primary exposure to lead in this setting is the ingestion of lead dissolved or suspended in water. Symptoms of lead exposure include weakness or exhaustion (lassitude), insomnia, weight loss, malnutrition, constipation and abdominal pain, anemia, tremors, kidney disease hypertension, and others. Lead is particularly harmful to young children and developing embryos and can lead to a range of developmental problems.

## SAMPLING METHODOLOGIES

Water sampling on April 19, 2023 was conducted by Rachael Gehrman, and water sampling on April 27, 2023 was conducted by Anson Casanares of ACC Environmental Consultants, following the recommended sampling procedures for lead in water as outlined below:

### Sampling

Activities began and were completed before the first person arrived on site in the morning, aside from the sampler and the site representative. Activities included:

- Verification that no tampering or outlet use has been conducted.
- Verification that no leaks were present.

[www.accenv.com](http://www.accenv.com)

Southern California: 1055 Wilshire Boulevard, Suite 1450 • Los Angeles, CA 90017 • (213) 353-1240 • Fax (213) 353-1244  
Northern California: 7977 Capwell Drive, Suite 100 • Oakland, CA 94621 • (510) 638-8400 • Fax (510) 638-8404

- Verification that adequate stagnation time had passed (a minimum of 8-hours).
- Verification that the map was complete and updated.
- Removal of the bagging and signage for the sample outlets.
- Sampling each sample outlet and obtaining 100% of flow without spillage.
- Sampling final flush sample after 30-second flush has occurred and without spillage.
- Removal of all signage throughout facility after sampling is completed.
- Completion of facility checklist, facility and yard map, and self-certification questionnaire.
- Completion of sample chain of custody.

## SAMPLING RESULTS

The results of sampling on April 19, 2023 are outlined below:

Sample ID	Sample Location	Analyte	Concentration (ppb)	Limit (ppb)
W-1-1	Fountain Class 16	Lead	1.92	5
W-1-2	Fountain Class 16 – Post Flush	Lead	<1.00	5
W-2-1	Fountain Class 19	Lead	<1.00	5
W-2-2	Fountain Class 19 – Post Flush	Lead	<1.00	5
W-3-1	Fountain Class 20	Lead	<1.00	5
W-3-2	Fountain Class 20 – Post Flush	Lead	<1.00	5

The results of sampling on April 27, 2023 are outlined below:

Sample ID	Sample Location	Analyte	Concentration (ppb)	Limit (ppb)
Sink-A	Classroom 3 Fountain	Lead	43.5	5
Sink-A (PF)	Classroom 3 Fountain – Post Flush	Lead	4.66	5

## RESULTS AND RECOMENDATIONS

The results indicated that two (2) of the eight (8) samples collected exceeded the five parts per billion lead content limits. Since the reporting limit of the laboratory is 1 ppb, this gives a confidence in each result value of plus or minus 1 ppb. This suggests that, as a conservative approach, samples above 4.01 ppb could potentially exceed the 5 ppb limit as well. For this reason, samples at this level are included as exceedances.

Based on the results, it is recommended that the Classroom 3 outlet be removed from service and properly flushed before retesting. The outlet must be flushed for thirty seconds at least four times per day for three weeks and then retested for lead. [This sheet provides a summary of these activities and a flushing log that may be used for tracking any new outlets installed.](#)

## CLOSING

Eight (8) total samples were collected from sample outlets utilized at the facility. Lead was detected at or above the action level of 5 ppb in two samples as follows:

Sink-A	Classroom 3 Fountain	Lead	43.5
Sink-A (PF)	Classroom 3 Fountain – Post Flush	Lead	4.66

This could pose a risk to health if the water is regularly consumed. Removing this outlet from service and flushing it is the most effective approach to remediating the higher lead levels. It is important to remember to flush this outlet for thirty seconds at least four times per day for three weeks prior to sampling and using. A method for tracking this is required.

The attached documents provide further details for this Lead Assessment. Please contact ACC Project Manager, Rachael Gehrman at (510) 710-8543, or email [rgehrman@accenv.com](mailto:rgehrman@accenv.com) if you have any questions. Thank you for including ACC in this project. We are available to help with any of the findings and recommendations contained in this report.

Sincerely,  
ACC Environmental Consultants, Inc.



Rachael C. Gehrman  
Associate Project Manager  
Certified Asbestos Consultant #22-7069  
CDPH Lead I/A/PM (LRC#6277 & 7004)

## ATTACHMENTS

- LA Testing Report – 5/4/2023 – Lead via Method 200.8 – LA Testing Order #332307710
- Chain of Custody – 4/27/2023
- LA Testing Report – 4/25/2023 – Lead via Method 200.8 – LA Testing Order #332307130
- Chain of Custody – 4/19/2023
- 5/25/2023 – Self Certification Form
- Facility Map



## LA Testing

5431 Industrial Drive, Huntington Beach, CA 92649

Phone: (714) 828-4999 Fax: (714) 828-4944 Email: [gardengrovelab@latesting.com](mailto:gardengrovelab@latesting.com)

---

Attn: **Michael Burrows**  
**ACC Environmental Consultants, Inc.**  
**7977 Capwell Drive**  
**Suite 100**  
**Oakland, CA 94621**

4/25/2023

Phone: (510) 638-8400  
Fax:

The following analytical report covers the analysis performed on samples submitted to LA Testing on 4/20/2023. The results are tabulated on the attached data pages for the following client designated project:

**ENCINAL ELEMENTARY SCHOOL: 195 ENCINAL AVE.,  
ATHERTON CA: 3238-001.01**

The reference number for these samples is EMSL Order #332307130. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (714) 828-4999.

Approved By:

---

Michael Chapman, Laboratory Manager

Chemical Testing

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc. A2LA accredited chemical testing laboratory for Lead in Paint by Inductively Coupled Plasma (ICP), Total Lead in Children's Metal Jewelry and Phthalates.



# LA Testing

5431 Industrial Drive, Huntington Beach, CA 92649  
 Phone/Fax: (714) 828-4999 / (714) 828-4944  
<http://www.LATesting.com> [gardengrovelab@latesting.com](mailto:gardengrovelab@latesting.com)

LA Testing Order: 332307130  
 CustomerID: ACCE56  
 CustomerPO:  
 ProjectID:

Attn: **Michael Burrows**  
**ACC Environmental Consultants, Inc.**  
**7977 Capwell Drive**  
**Suite 100**  
**Oakland, CA 94621**

Phone: (510) 638-8400  
 Fax:  
 Received: 4/20/2023 10:40 AM  
 Collected: 4/19/2023

Project: ENCINAL ELEMENTARY SCHOOL: 195 ENCINAL AVE., ATHERTON CA: 3238-001.01

## Analytical Results

**Client Sample Description** W-1-1  
 FOUNTAIN CLASS 16  
**Collected:** 4/19/2023 **Lab ID:** 332307130-0001

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>						
200.8	Lead	1.92	1.00	µg/L	4/21/2023 XL	4/24/2023 XL

**Client Sample Description** W-1-2  
 FOUNTAIN CLASS 16 - POST FLUSH  
**Collected:** 4/19/2023 **Lab ID:** 332307130-0002

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>						
200.8	Lead	<1.00	1.00	µg/L	4/21/2023 XL	4/24/2023 XL

**Client Sample Description** W-2-1  
 FOUNTAIN CLASS 19  
**Collected:** 4/19/2023 **Lab ID:** 332307130-0003

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>						
200.8	Lead	<1.00	1.00	µg/L	4/21/2023 XL	4/24/2023 XL

**Client Sample Description** W-2-2  
 FOUNTAIN CLASS 19 - POST FLUSH  
**Collected:** 4/19/2023 **Lab ID:** 332307130-0004

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>						
200.8	Lead	<1.00	1.00	µg/L	4/21/2023 XL	4/24/2023 XL

**Client Sample Description** W-3-1  
 FOUNTAIN CLASS 20  
**Collected:** 4/19/2023 **Lab ID:** 332307130-0005

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>						
200.8	Lead	<1.00	1.00	µg/L	4/21/2023 XL	4/24/2023 XL

**Client Sample Description** W-3-2  
 FOUNTAIN CLASS 20 - POST FLUSH  
**Collected:** 4/19/2023 **Lab ID:** 332307130-0006

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>						



# LA Testing

5431 Industrial Drive, Huntington Beach, CA 92649  
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<http://www.LATesting.com> [gardengrovelab@latesting.com](mailto:gardengrovelab@latesting.com)

LA Testing Order: 332307130  
CustomerID: ACCE56  
CustomerPO:  
ProjectID:

Attn: **Michael Burrows**  
**ACC Environmental Consultants, Inc.**  
**7977 Capwell Drive**  
**Suite 100**  
**Oakland, CA 94621**

Phone: (510) 638-8400  
Fax:  
Received: 4/20/2023 10:40 AM  
Collected: 4/19/2023

Project: ENCINAL ELEMENTARY SCHOOL: 195 ENCINAL AVE., ATHERTON CA: 3238-001.01

## Analytical Results

**Client Sample Description** W-3-2 **Collected:** 4/19/2023 **Lab ID:** 332307130-0006  
FOUNTAIN CLASS 20 - POST FLUSH

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>						
200.8	Lead	<1.00	1.00	µg/L	4/21/2023 XL	4/24/2023 XL

### Definitions:

- MDL - method detection limit
- J - Result was below the reporting limit, but at or above the MDL
- ND - indicates that the analyte was not detected at the reporting limit
- RL - Reporting Limit (Analytical)
- D - Dilution Sample required a dilution which was used to calculate final results



EMSL ANALYTICAL, INC.  
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# Industrial Hygiene - Chain of Custody

EMSL Order Number / Lab Use Only

# 3 3 2 3 0 7 1 3 0

EMSL Analytical, Inc.  
5431 Industrial Dr.  
Huntington Beach, CA 92649

PHONE: (800) 755.1794  
EMAIL: c@emsl.com

If Bill-To is the same as Report-To leave this section blank. Third-party billing requires written authorization.

Customer Information	Customer ID:			Billing ID:	Same			
	Company Name:	ACC Environmental Consultants		Company Name:				
	Contact Name:	Michael Burrows		Billing Contact:				
	Street Address:	7977 Capwell Drive, Ste 100		Street Address:				
	City, State, Zip:	Oakland CA 94621	Country:	USA	City, State, Zip:		Country:	
	Phone:	(818) 640-7946		Phone:				
Email(s) for Report:	mburrows@accenv.com		Email(s) for Invoice:	cindy.lee@accenv.com				

Project Name/No: Encinal Elementary School: 195 Encinal Ave., Atherton CA: 3238-001.01 Purchase Order:

EMSL LIMS Project ID: (If applicable, EMSL will provide) US State where samples collected: CA State of Connecticut (CT) must select project location:  
 Commercial (Taxable)  Residential (Non-Taxable)

Media Type: Water Media Manufacturer/Part Number: Media Lot Number:

Sampled By Name: Rachael Gehrman Sampled By Signature: No. Samples in Shipment: 6

Turnaround Time (TAT) Options - Please check:  
 (If no selection made, Standard 2 Week (EOD) TAT will apply)  2 Week  1 Week  4 Day  3 Day  2 Day  1 Day  Other (Call Lab)

Client Sample ID	Location/Description	Analyte/Method	Media	Flow (lpm)	Sample Time		Volume/Area	Sample Type	Sample Date	Comments
					On	Off				
W-1-1	Fountain Class 16	200.8/Lead	Water	n/a	5:05 am		n/a	<input type="checkbox"/> Area <input type="checkbox"/> Personal	04/19/2023	Call Michael Burrows before analysis
W-1-2	Fountain Class 16 - Post Flush	200.8/Lead	Water	n/a	5:11 am		n/a	<input type="checkbox"/> Area <input type="checkbox"/> Personal	04/19/2023	Call Michael Burrows before analysis
W-2-1	Fountain Class 19	200.8/Lead	Water	n/a	5:07 am		n/a	<input type="checkbox"/> Area <input type="checkbox"/> Personal	04/19/2023	Call Michael Burrows before analysis
W-2-2	Fountain Class 19 - Post Flush	200.8/Lead	Water	n/a	5:13 am		n/a	<input type="checkbox"/> Area <input type="checkbox"/> Personal	04/19/2023	Call Michael Burrows before analysis
W-3-1	Fountain Class 20	200.8/Lead	Water	n/a	5:09 am		n/a	<input type="checkbox"/> Area <input type="checkbox"/> Personal	04/19/2023	Call Michael Burrows before analysis
W-3-2	Fountain Class 20 - Post Flush	200.8/Lead	Water	n/a	5:15 am		n/a	<input type="checkbox"/> Area <input type="checkbox"/> Personal	04/19/2023	Call Michael Burrows before analysis
								<input type="checkbox"/> Area <input type="checkbox"/> Personal		
								<input type="checkbox"/> Area <input type="checkbox"/> Personal		

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)  
 For CA SB2370 - Lead; Please send results to ACC, Client (emails above) and upload results to CA State Water Board Laboratory Information Management System (DDW-CCC@waterboards.ca.gov)

Method of Shipment: Sample Condition Upon Receipt:

Relinquished by: Rachael Gehrman	Date/Time: 04/19/2023	Received by: Jonathan Nomura	Date/Time: 4/19/23 3PM
Relinquished by: Jonathan Nomura	Date/Time: 4/19/23 5:30PM	Received by: Jonathan Sinfone (FX)	Date/Time: 4/20/23 10:40am

Controlled Document - COC-21 Industrial Hygiene R4 05/12/2021

AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

OrderID: 332307130

Page 1 of 1



## LA Testing

5431 Industrial Drive, Huntington Beach, CA 92649

Phone: (714) 828-4999 Fax: (714) 828-4944 Email: [gardengrovelab@latesting.com](mailto:gardengrovelab@latesting.com)

---

Attn: **Michael Burrows**  
**ACC Environmental Consultants, Inc.**  
**7977 Capwell Drive**  
**Suite 100**  
**Oakland, CA 94621**

5/4/2023

Phone: (510) 638-8400  
Fax:

The following analytical report covers the analysis performed on samples submitted to LA Testing on 4/28/2023. The results are tabulated on the attached data pages for the following client designated project:

**ENCINAL ELEMENTARY (195 ENCINAL AVE, ATHERTON, CA)  
3238-001.01**

The reference number for these samples is EMSL Order #332307710. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (714) 828-4999.

Approved By:

---

Michael Chapman, Laboratory Manager

Chemical Testing

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc. A2LA accredited chemical testing laboratory for Lead in Paint by Inductively Coupled Plasma (ICP), Total Lead in Children's Metal Jewelry and Phthalates.



# LA Testing

5431 Industrial Drive, Huntington Beach, CA 92649  
 Phone/Fax: (714) 828-4999 / (714) 828-4944  
<http://www.LATesting.com> [gardengrovelab@latesting.com](mailto:gardengrovelab@latesting.com)

LA Testing Order: 332307710  
 CustomerID: ACCE56  
 CustomerPO:  
 ProjectID:

Attn: **Michael Burrows**  
**ACC Environmental Consultants, Inc.**  
**7977 Capwell Drive**  
**Suite 100**  
**Oakland, CA 94621**

Phone: (510) 638-8400  
 Fax:  
 Received: 4/28/2023 10:10 AM  
 Collected: 4/27/2023

Project: ENCINAL ELEMENTARY (195 ENCINAL AVE, ATHERTON, CA) 3238-001.01

## Analytical Results

**Client Sample Description** SINK-A  
 CLASSROOM 3 FOUNTAIN **Collected:** 4/27/2023 **Lab ID:** 332307710-0001

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>						
200.8	Lead	43.5	1.00	µg/L	4/28/2023 XL	5/1/2023 XL

**Client Sample Description** SINK-A POST FLUSH  
 CLASSROOM 3 FOUNTAIN **Collected:** 4/27/2023 **Lab ID:** 332307710-0002

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
<b>METALS</b>						
200.8	Lead	4.66	1.00	µg/L	4/28/2023 XL	5/1/2023 XL

### Definitions:

- MDL - method detection limit
- J - Result was below the reporting limit, but at or above the MDL
- ND - indicates that the analyte was not detected at the reporting limit
- RL - Reporting Limit (Analytical)
- D - Dilution Sample required a dilution which was used to calculate final results



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# Industrial Hygiene - Chain of Custody

EMSL Order Number / Lab Use Only

#332307710

EMSL Analytical, Inc.  
5431 Industrial Dr.  
Huntington Beach, CA 92649

PHONE: (800) 755.1794  
EMAIL: c@emsl.com

T032184

Order ID: 332307710

If Bill-To is the same as Report-To leave this section blank. Third-party billing requires written authorization.

Customer Information	Customer ID:			Billing Information	Billing ID:	Same			
	Company Name:	ACC Environmental Consultants			Company Name:				
	Contact Name:	Michael Burrows			Billing Contact:				
	Street Address:	7977 Capwell Drive, Ste 100			Street Address:				
	City, State, Zip:	Oakland CA 94621	Country:		USA	City, State, Zip:		Country:	
	Phone:	(818) 640-7946			Phone:				
Email(s) for Report:	mburrows@accenv.com;		Email(s) for Invoice:	cindy.lee@accenv.com					

Project Name/No: Encinal Elementary (195 Encinal Ave, Atherton, CA) 3238-001.01 Purchase Order:

EMSL LIMS Project ID: (If applicable, EMSL will provide) US State where samples collected: CA State of Connecticut (CT) must select project location:  Commercial (Taxable)  Residential (Non-Taxable)

Media Type: Water Media Manufacturer/Part Number: Media Lot Number:

Sampled By Name: Anson Casanares Sampled By Signature: No. Samples in Shipment: 2

Turnaround Time (TAT) Options - Please check: (If no selection made, Standard 2 Week (EOD) TAT will apply)

2 Week  1 Week  4 Day  3 Day  2 Day  1 Day  Other (Call Lab)

Client Sample ID	Location/Description	Analyte/Method	Media	Flow (lpm)	Sample Time		Volume/Area	Sample Type	Sample Date	Comments
					On	Off				
Sink-A	Classroom 3 Fountain	200.8/Lead	Water	n/a	6:17 am		n/a	<input type="checkbox"/> Area <input type="checkbox"/> Personal	4/27/2023	
Sink-A Post Flush	Classroom 3 Fountain	200.8/Lead	Water	n/a	6:18 am		n/a	<input type="checkbox"/> Area <input type="checkbox"/> Personal	4/27/2023	
								<input type="checkbox"/> Area <input type="checkbox"/> Personal		
								<input type="checkbox"/> Area <input type="checkbox"/> Personal		
								<input type="checkbox"/> Area <input type="checkbox"/> Personal		
								<input type="checkbox"/> Area <input type="checkbox"/> Personal		
								<input type="checkbox"/> Area <input type="checkbox"/> Personal		
								<input type="checkbox"/> Area <input type="checkbox"/> Personal		

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)  
 For CA SB2370 - Lead; Please send results to ACC, Client (emails above) and upload results to CA State Water Board Laboratory Information Management System (DDW-CCC@waterboards.ca.gov)

Method of Shipment: Sample Condition Upon Receipt:

Relinquished by: Anson Casanares Date/Time: 4/27/2023 Received by: *AK DB* Date/Time: 04272023-0800

Relinquished by: *110 FX* Date/Time: 4/27/23 4:00pm Received by: *Emily Mendez (FX)* Date/Time: 4/28/23 10:10AM

Controlled Document - COC-21 Industrial Hygiene R4 05/12/2021  AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

Page 1 of 1

Menlo Park City School District  
**ENCINAL SCHOOL**  
 2017-18

TERC

District Office

Track/Fields

BaseBall Diamond

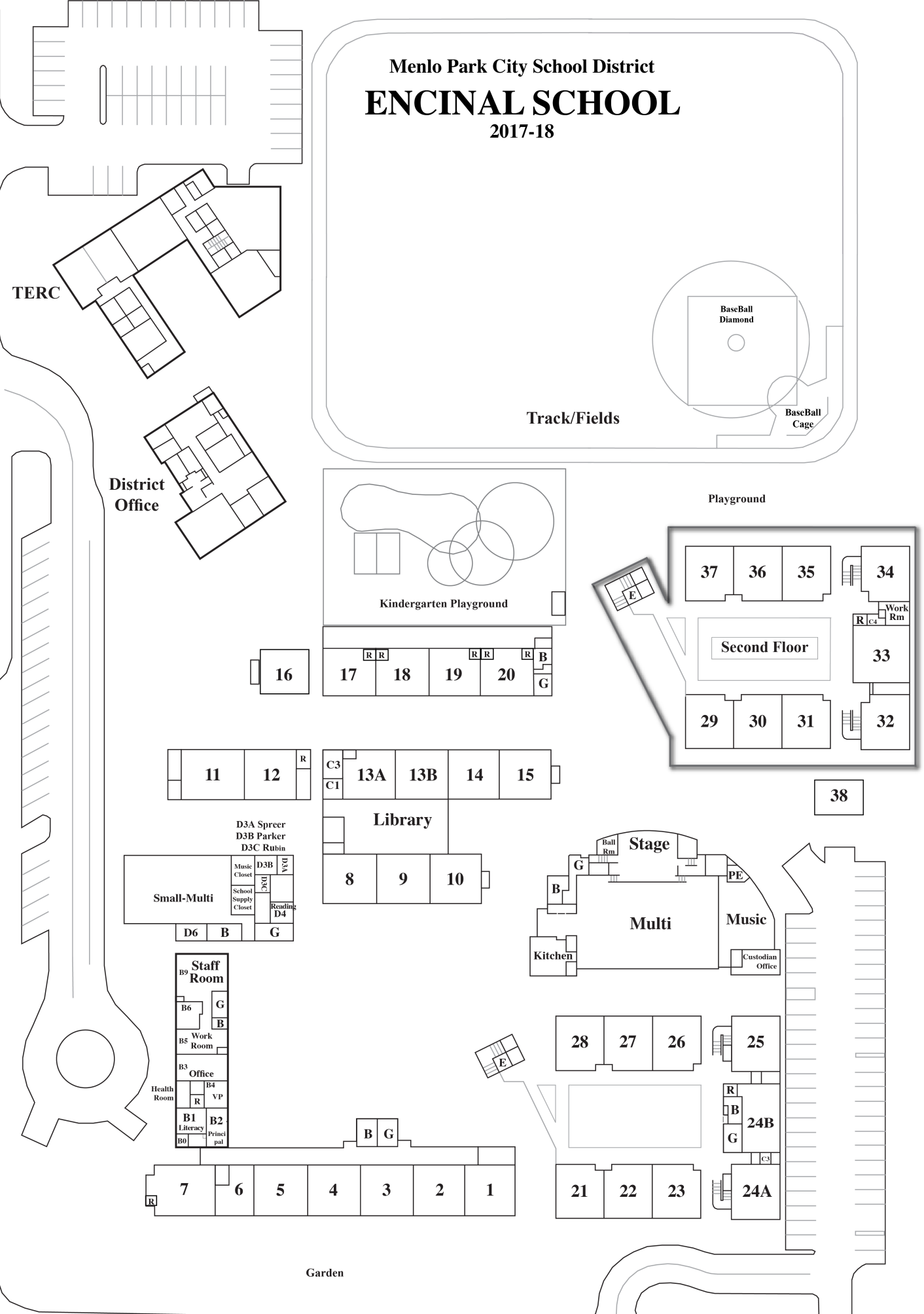
BaseBall Cage

Playground

Kindergarten Playground

Second Floor

Encinal Avenue



Garden

Middlefield Road

