Accredited Environmental Technologies, Inc.

LEAD IN DRINKING WATER TESTING REPORT

ST. PHILIPS ACADEMY
18 WASHINGTON STREET NEWARK, NEW JERSEY 07103

Testing Conducted By:	**Accredited Environmental Technologies, Inc.**
Client:	**Uncommon Schools** **826 Broadway, 9th Floor** **New York, NY 10003**
Contact:	**Mr. Sabin Ciocan** **Associate Director of Real Estate & Facilities**
AET Project #:	**4-17-11971**
Date of Testing:	**August 18, 2017, 2017 (Initial)** **October 2, 2017 (Flush)**
Date of Report:	**November 8, 2017**

EXECUTIVE SUMMARY

In August 2017, Accredited Environmental Technologies, Inc. (AET) was contracted by Uncommon Schools ("Client") to conduct lead in drinking water testing at 7 designated school buildings. Samples were collected from all accessible drinking water outlets (water fountains, sinks, coffee water lines, showers, exterior spigots and specialty taps) located within each school. AET's services were performed in accordance with AET's Proposal #9379 dated 3/29/17.

This report documents the results of drinking water testing conducted at St. Philips Academy in accordance with EPA's Lead Safe Drinking Water Standards (3T's for reducing lead in drinking water in schools) and NJAC 6A:26-1.2 and 12.4. Testing was conducted on 8/18/17 at 28 outlets (see attached Table 1 sampling data forms and recommendations) designated by the client or clients representative. Sampling was conducted on 28 designated testing locations for first draw samples (second draw samples were collected, when required, when lead in drinking water exceeded EPA Guidance >15ppb). Samples were collected utilizing 250ml plastic bottles and transported directly to EMSL Analytical in Cinnaminson, New Jersey. Samples were analyzed by EPA Method 200.9. This report includes both the initial testing data and subsequent 30 second flush sampling performed after implementation of corrective measures. Samples were analyzed by EMSL Analytical.

Water Sourcing: Water sourcing can be found in the supplemental plumbing profile for the Lincoln Park High School.

CONCLUSION

Based on the sampling performed within the 28 testing locations, drinking water results were below the EPA Lead Safe Drinking Water action limit of 15 ppb, in all but 12 outlets. Lead concentrations from the tested water outlets (which were below 15 ppb) ranged from <3.00 ppb to 14.8 ppb. Of the 28 tested locations 2 outlets were reported as no lead detected (none detect) or below the laboratories detection limit. Flush sampling was conducted on 9/29/17 on taps above 15 ppb throught the school, results from the testing ranged from below the analytical detection limit to 110 ppb. Corrective measures and recommendations can be found within Table 1 (sampling data and recommendations) of this report.

Restrictions/Limitations: Drinking water sampling was performed at previously identified Client locations. Sampling was performed within the 8-48 hour window of inactivity. AET was met at each school facility by a member of the maintenance staff who identified specific outlets for testing. All samples collected were first draw samples in accordance with the Lead-Safe Drinking Water Standard. No aerators, screens, filters were removed prior to or during sampling.

Lead testing results are representative of conditions including frequency of use of drinking water outlets at the time of testing (snapshot in time). Infrequent use or prolonged contact time of water in the piping system (where lead is present) can result in higher lead levels.

METHODS

Lead in Drinking Water Testing was conducted in accordance with EPA's Lead Safe Drinking Water Standards and in accordance with NJAC 6A:26-1.2 and 12.4. Samples collected were both first draw samples per the EPA Lead in Drinking Water in Schools Standard, 30 second flush sampling. Samples were collected from the cold water outlet after drinking water was static in the plumbing system for at least 8 hours but no more than 48 hours. Samples were collected during non-occupancy of the school. Aerators were not removed from the outlet fixtures prior to testing.

Each sample was collected utilizing a 250ml plastic bottle. Water samples obtained were filled to the bottles shoulder and were individually capped for laboratory transport. Documentation for each sample and sample location was maintained on a Lead Sampling Log and included the following information:

- School Name
- Sample Type (First Draw or Flush)
- Collection Date and Time
- Sample Location/Outlet with Assigned Sample Number

Samples were directly transported to EMSL Analytical in Cinnaminson, NJ. Samples were analyzed by EPA Method 200.9.

STANDARDS

The EPA's Lead Safe Drinking Water Standard (3T's for Reducing Lead in Drinking Water in Schools) was designed to protect public health within school buildings by implementing testing procedures to document lead levels within drinking water. Standards were developed to ascertain potential corrosion of plumbing materials, which can contain lead, and to determine the extent of lead concentrations within the water distribution system.

Materials which may be present within the water distribution system may include but are not limited to; lead-based solder, brass and chrome-plated faucets (not designated as lead free), and lead piping connected from the main to the buildings water system. In 1986, Congress banned the use of lead solder containing greater than 0.2% lead and restricted the lead content in faucets, pipes, and other plumbing materials to 8.0%. The EPA's Lead Safe Drinking Water Standards are a component of the EPA Safe Drinking Water Act (40 CFR Part 141) which established an action limit of 15 ppb for lead.

The EPA has developed a process for reducing lead in drinking water in schools. This program requires schools to implement simple strategies for managing health risks of lead in school drinking water including:

- **Training** to identify potential sources of lead in the facilities and establish a testing plan.
- **Testing** to monitor school drinking water for elevated lead levels and take corrective actions (where necessary)
- **Telling** to communicate student, parents, and staff testing results and remediation actions taken.

The EPA 3T Program recommends a two-step sampling process to identify lead concentrations in drinking water within schools.

- **Step 1** - Initial first draw sampling of cold water outlets, designated for consumption.
- **Step 2**- Follow-up flush sampling of cold water outlets where initial sampling results exceed 15ppb. Flush samples are utilized to determine if the lead concentrations found are from the fixture or from the interior feed piping. Flush samples are collected from the outlet after the water has run for 30 seconds.

RECOMMENDED INTERIM CONTROLS –LEAD IN WATER LEVELS BELOW 15ppb

AET recommends the following procedures be followed where lead levels have been documented within school drinking water outlets in order to maintain lead levels below 15ppb.

1. Establishment of a water outlet cleaning maintenance schedule to include but not limited to the following;

    - Installation of aerators (screening) on water outlets designated for consumption.
    - Establishment of a cleaning schedule for newly installed aerators and previously installed aerators.
    - Implementation of follow-up water testing on serviced or repaired water outlets designated for consumption. Follow-up testing should be conducted prior to reestablishment of the source as a consumable water source.

2. Use only cold water for food and beverage preparation. If hot water is needed, it should be taken from the cold water tap and heated in the stove or microwave oven.

3. Purging of consumable water sources prior to ingestion. In given cases staffing and control documents can be provided to instruct proper procedures to reduce lead concentrations within static piping.

4. Documentation on bathroom walls that water should not be consumed.

INTERIM CONTROLS – LEAD IN WATER LEVELS ABOVE 15ppb

For Informational Purposes Only

Stop gap measures where interim control measures must be implemented in order to reduce lead in drinking water exceeds 15ppb are as follows:

1. Flushing of the piping system in the affected areas prior to student attendance each morning. Documentation of the effectiveness of purging the water system within elevated lead in water areas must be documented.

2. Designation of water source(s) as not for consumption and provisions of bottle water to be supplied until repair or replacement of components can be conducted.

3. Removal of water source from the system and its entirety.

NJAC 6A:26-1.2 and 12.4 - Testing for lead in drinking water – All Educational Facilities

Based on possible exposure to lead contaminated drinking water and its potential to pose serious health problems, particularly in children, staff and school personnel, the State of New Jersey has adopted special amendments for the testing of lead in drinking water for all educational facilities. These special amendments require districts to sample and analyze all drinking water in their educational facilities within 365 days of the effective date of July 13, 2017. Testing is to be conducted in accordance with a defined lead sampling plan developed by the school district and within the requirements of the adopted amendments and the DEP. The guidance documents provided by the DEP listed as the 3 T's "EPA's Lead Safe Drinking Water Standard" and the State of New Jersey shall guide the sampling protocol and sampling plan.

Other provisions under the special amendments include requirements for disclosure and making sampling results publicly available to parents or guardians of school children attending the facility and the department. Districts are also required to conduct lead testing of all drinking water outlets at least every 6 years following the initial testing as well as after plumbing renovations which may impact leaded components within the plumbing system.

Reimbursement of the costs can be retrieved from the department under the guise that the district provides a reimbursement application which is located on the department's website. This reimbursement applies to both public and non public schools so long as the testing complies with state and federal requirements.

Accredited Environmental Technologies, Inc.

August 26, 2017

Sabin Ciocan
Associate Director of Real Estate & Facilities
Uncommon Schools
826 Broadway, 9th Floor
New York, NY 10003

sent via email: sabin.ciocan@uncommonshools.org

RE: Lead in Drinking Water Testing Results
St. Phillips Academy
Draft Summary Letter as of 8/26/2017
AET Project#: 4-17-11971

This letter report is to update Uncommon Schools of the drinking water testing results received from EMSL Laboratories for the St. Phillips Academy. AET's lead in drinking water study for this facility was performed on 8/24/2017. A total of 26 samples were collected. The table below lists only those tap locations which exceeded 15 ppb for lead in water. Completed reports on each are being prepared.

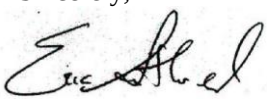
Sample #	Location	Result	Recommendation
11971-18Wash-003-S001	Lower Basement Room 003	43.9 ppb	Discontinue use as a potable water source until control measures can be determined or until flush samples have been obtained
11971-18Wash-003-S002	Lower Basement Room 003	70.1 ppb	Discontinue use as a potable water source until control measures can be determined or until flush samples have been obtained
11971-18Wash-004-S003	Lower Basement Room 004	31.0 ppb	Discontinue use as a potable water source until control measures can be determined or until flush samples have been obtained
11971-18Wash-004-S004	Lower Basement Room 004	23.8 ppb	Discontinue use as a potable water source until control measures can be determined or until flush samples have been obtained
11971-18Wash-113-S009	1st Floor Room 113	27.9 ppb	Discontinue use as a potable water source until control measures can be determined or until flush samples have been obtained
11971-18Wash-111-S010	1st Floor Room 111	17.0 ppb	Flush outlet every morning for 5 minutes before use (minimum restriction) until control measures can be determined
11971-18Wash-106-S012	1st Floor Room 106	282 ppb	Discontinue use as a potable water source until control measures can be determined or until flush samples have been obtained
11971-18Wash-107-S016	1st Floor Room 107	18.1 ppb	Flush outlet every morning for 5 minutes before use (minimum restriction) until control measures can be determined
11971-18Wash-413-S022	4th Floor Room 413	20.1 ppb	Discontinue use as a potable water source until control measures can be determined or until flush samples have been obtained

Accredited Environmental Technologies, Inc.

Sample #	Location	Result	Recommendation
11971-18Wash-411-S024	4th Floor Room 411	92.0 ppb	Discontinue use as a potable water source until control measures can be determined or until flush samples have been obtained
11971-18Wash-003-WF003	Lower Basement Room 003	287 ppb	Discontinue use as a potable water source until control measures can be determined or until flush samples have been obtained

Note: All samples were first draw samples from cold water outlets. The EPA recommends outlets which exceed 20 ppb be resampled by a flush sampling method (let water run 30 seconds before sampling). The purpose of flush sampling is to evaluate if lead contamination results are from the fixtures or the interior piping. AET recommends all four outlets listed above be reevaluated by the flush testing method, and at this time is prepared to conduct the sampling this upcoming weekend prior to testing at other scheduled locations. If you have any questions, please feel free to contact me.

Sincerely,



Eric Sutherland
Vice President

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EMSL Order:	201709876
CustomerID:	ACCR50
CustomerPO:	
ProjectID:	

Attn: **Eric Sutherland**
Accredited Environmental Tech (AET)
28 North Pennell Road
Media, PA 19063

Phone:	(610) 891-0114
Fax:	(610) 891-0559
Received:	10/02/17 9:55 AM
Collected:	9/29/2017

Project: **11971**

Test Report: Lead in Water by Furnace AAS (EPA 200.9)

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Lead Concentration*
18 Wash 003-Flush-S001	*201709876-0001*	9/29/2017	10/3/2017	8.26 ppb
Site: 1st Floor / Men's				
18 Wash 003-Flush-S002	*201709876-0002*	9/29/2017	10/3/2017	7.78 ppb
Site: 1st Floor / Men's				
18 Wash 004-Flush-S003	*201709876-0003*	9/29/2017	10/3/2017	9.41 ppb
Site: 1st Floor / Woman's				
18 Wash 004-Flush-S004	*201709876-0004*	9/29/2017	10/3/2017	8.05 ppb
Site: 1st Floor / Woman's				
18 Wash 113-Flush-S009	*201709876-0005*	9/29/2017	10/3/2017	<3.00 ppb
Site: 1st Floor / Janitor Closets				
18 Wash 111-Flush-S010	*201709876-0006*	9/29/2017	10/3/2017	<3.00 ppb
Site: 1st Floor / Student Bath				
18 Wash 106-Flush-S012	*201709876-0007*	9/29/2017	10/3/2017	<3.00 ppb
Site: 1st Floor / Boy's Room				
18 Wash 107-Flush-S016	*201709876-0008*	9/29/2017	10/3/2017	<3.00 ppb
Site: 1st Floor / Girl's Room				
18 Wash 413-Flush-S022	*201709876-0009*	9/29/2017	10/3/2017	3.44 ppb
Site: 4th Floor Women's Roo,				
18 Wash 411-Flush-S024	*201709876-0010*	9/29/2017	10/3/2017	6.20 ppb
Site: 4th Floor Janitor's Closet				
18 Wash 003-Flush-WF003	*201709876-0011*	9/29/2017	10/4/2017	110 ppb
Site: Lower Basement Water Fountain				

Phillip Worby, Lead Laboratory Manager
or other approved signatory

The test results contained within this report meet the requirements of NELAC unless otherwise noted. This report relates only to those items tested. Samples received in good condition unless otherwise noted. Quality Control Data associated with this sample set is within acceptable limits, unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit.
Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NJ-NELAP 03036

Report Amended: 11/08/2017 15:30:51 Replaces the Inital Report 10/04/2017 17:34:39. Reason Code: Client-Change to Sample ID

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EMSL Order:	201709876
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Received:	10/02/17 9:55 AM
Collected:	9/29/2017

Project: **11971**

Test Report: Lead in Water by Furnace AAS (EPA 200.9)

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Lead Concentration*
18 Wash 004-S003	*201709876-0012*	9/29/2017	10/3/2017	7.14 ppb
	Site: Lower Basement / Women's Room			
18 Wash 004-S004	*201709876-0013*	9/29/2017	10/3/2017	10.7 ppb
	Site: Lower Basement / Women's Room			
18 Wash 114-S007	*201709876-0014*	9/29/2017	10/3/2017	6.10 ppb
	Site: 1st Floor Men's Room			
18 Wash 114-S008	*201709876-0015*	9/29/2017	10/3/2017	10.1 ppb
	Site: 1st Floor Men's Room			
18 Wash 210-S017	*201709876-0016*	9/29/2017	10/3/2017	18.1 ppb
	Site: 2nd Floor Janitor's Closet			
18 Wash 409-S026	*201709876-0017*	9/29/2017	10/3/2017	<3.00 ppb
	Site: 4th Floor Kitchen			

Phillip Worby, Lead Laboratory Manager
or other approved signatory

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Received: 08/18/17 8:30 AM

Project: **11971**

Analytical Results

Client Sample Description 11971-18WASH-003-S001 Lower Basement ***Collected:*** 8/17/2017 ***Lab ID:*** *011706689-0001*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
200.8	Lead	43.9	1.00	µg/L	8/22/2017	EG	8/22/2017	EG

Client Sample Description 11971-18WASH-003-S002 Lower Basement ***Collected:*** 8/17/2017 ***Lab ID:*** *011706689-0002*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
200.8	Lead	70.1	1.00	µg/L	8/22/2017	EG	8/22/2017	EG

Client Sample Description 11971-18WASH-004-S003 Lower Basement ***Collected:*** 8/17/2017 ***Lab ID:*** *011706689-0003*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
200.8	Lead	31.0	1.00	µg/L	8/22/2017	EG	8/22/2017	EG

Client Sample Description 11971-18WASH-004-S004 Lower Basement ***Collected:*** 8/17/2017 ***Lab ID:*** *011706689-0004*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
200.8	Lead	23.8	1.00	µg/L	8/22/2017	EG	8/22/2017	EG

Client Sample Description 11971-18WASH-017-S005 Upper Basement ***Collected:*** 8/17/2017 ***Lab ID:*** *011706689-0005*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
200.8	Lead	14.4	1.00	µg/L	8/22/2017	EG	8/22/2017	EG

Client Sample Description 11971-18WASH-116-S006 1st Floor ***Collected:*** 8/17/2017 ***Lab ID:*** *011706689-0006*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
200.8	Lead	13.4	1.00	µg/L	8/22/2017	EG	8/22/2017	EG

Client Sample Description 11971-18WASH-114-S007 1st Floor ***Collected:*** 8/17/2017 ***Lab ID:*** *011706689-0007*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
200.8	Lead	12.2	1.00	µg/L	8/22/2017	EG	8/22/2017	EG

Client Sample Description 11971-18WASH-114-S008 1st Floor ***Collected:*** 8/17/2017 ***Lab ID:*** *011706689-0008*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*

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Received: 08/18/17 8:30 AM

Project: **11971**

Analytical Results

Client Sample Description 11971-18WASH-114-S008 1st Floor ***Collected:*** 8/17/2017 ***Lab ID:*** *011706689-0008*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
200.8	Lead	14.8	1.00	µg/L	8/22/2017	EG	8/22/2017	EG

Client Sample Description 11971-18WASH-113-S009 1st Floor ***Collected:*** 8/17/2017 ***Lab ID:*** *011706689-0009*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
200.8	Lead	27.9	1.00	µg/L	8/22/2017	EG	8/22/2017	EG

Client Sample Description 11971-18WASH-111-S010 1st Floor ***Collected:*** 8/17/2017 ***Lab ID:*** *011706689-0010*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
200.8	Lead	17.0	1.00	µg/L	8/22/2017	EG	8/22/2017	EG

Client Sample Description 11971-18WASH-106-S011 1st Floor ***Collected:*** 8/17/2017 ***Lab ID:*** *011706689-0011*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
200.8	Lead	14.1	1.00	µg/L	8/22/2017	EG	8/22/2017	EG

Client Sample Description 11971-18WASH-106-S012 1st Floor ***Collected:*** 8/17/2017 ***Lab ID:*** *011706689-0012*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
200.8	Lead	282	5.00	µg/L	8/22/2017	EG	8/23/2017	EG

Client Sample Description 11971-18WASH-106-S013 1st Floor ***Collected:*** 8/17/2017 ***Lab ID:*** *011706689-0013*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
200.8	Lead	12.9	1.00	µg/L	8/22/2017	EG	8/22/2017	EG

Client Sample Description 11971-18WASH-107-S014 1st Floor ***Collected:*** 8/17/2017 ***Lab ID:*** *011706689-0014*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
200.8	Lead	11.6	1.00	µg/L	8/22/2017	EG	8/22/2017	EG

Client Sample Description 11971-18WASH-107-S015 1st Floor ***Collected:*** 8/17/2017 ***Lab ID:*** *011706689-0015*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*

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Received: 08/18/17 8:30 AM

Project: **11971**

Analytical Results

Client Sample Description 11971-18WASH-107-S015 1st Floor ***Collected:*** 8/17/2017 ***Lab ID:*** *011706689-0015*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
200.8	Lead	13.0	1.00	µg/L	8/22/2017	EG	8/22/2017	EG

Client Sample Description 11971-18WASH-107-S016 1st Floor ***Collected:*** 8/17/2017 ***Lab ID:*** *011706689-0016*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
200.8	Lead	18.1	1.00	µg/L	8/22/2017	EG	8/22/2017	EG

Client Sample Description 11971-18WASH-208-WF001 1st Floor ***Collected:*** 8/17/2017 ***Lab ID:*** *011706689-0017*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
200.8	Lead	ND	1.00	µg/L	8/22/2017	EG	8/22/2017	EG

Client Sample Description 11971-18WASH-208-WF002 1st Floor ***Collected:*** 8/17/2017 ***Lab ID:*** *011706689-0018*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
200.8	Lead	ND	1.00	µg/L	8/22/2017	EG	8/22/2017	EG

Client Sample Description 11971-18WASH-317-S018 3rd Floor ***Collected:*** 8/17/2017 ***Lab ID:*** *011706689-0019*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
200.8	Lead	12.4	1.00	µg/L	8/23/2017	KB	8/23/2017	EG

Client Sample Description 11971-18WASH-316-S019 3rd Floor ***Collected:*** 8/17/2017 ***Lab ID:*** *011706689-0020*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
200.8	Lead	6.32	1.00	µg/L	8/22/2017	EG	8/22/2017	EG

Client Sample Description 11971-18WASH-315-S020 3rd Floor ***Collected:*** 8/17/2017 ***Lab ID:*** *011706689-0021*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
200.8	Lead	8.91	1.00	µg/L	8/22/2017	EG	8/22/2017	EG

Client Sample Description 11971-18WASH-413-S022 4th Floor ***Collected:*** 8/17/2017 ***Lab ID:*** *011706689-0022*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*

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CustomerID:	ACCR50
CustomerPO:	
ProjectID:	

Attn: **Eric Sutherland**
Accredited Environmental Tech (AET)
28 North Pennell Road
Media, PA 19063

Phone: (610) 891-0114
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Received: 08/18/17 8:30 AM

Project: **11971**

Analytical Results

Client Sample Description 11971-18WASH-413-S022 4th Floor ***Collected:*** 8/17/2017 ***Lab ID:*** *011706689-0022*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
200.8	Lead	20.1	1.00	µg/L	8/22/2017	EG	8/22/2017	EG

Client Sample Description 11971-18WASH-412-S023 4th Floor ***Collected:*** 8/17/2017 ***Lab ID:*** *011706689-0023*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
200.8	Lead	11.0	1.00	µg/L	8/22/2017	EG	8/22/2017	EG

Client Sample Description 11971-18WASH-411-S024 4th Floor ***Collected:*** 8/17/2017 ***Lab ID:*** *011706689-0024*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
200.8	Lead	92.0	1.00	µg/L	8/22/2017	EG	8/22/2017	EG

Client Sample Description 11971-18WASH-410-S025 4th Floor ***Collected:*** 8/17/2017 ***Lab ID:*** *011706689-0025*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
200.8	Lead	10.5	1.00	µg/L	8/22/2017	EG	8/22/2017	EG

Client Sample Description 11971-18WASH-003-WF003 Lower Basement water Fountain ***Collected:*** 8/17/2017 ***Lab ID:*** *011706689-0026*

Method	*Parameter*	*Result*	*RL*	*Units*	*Prep Date*	*Analyst*	*Analysis Date*	*Analyst*
200.8	Lead	287	5.00	µg/L	8/22/2017	EG	8/23/2017	EG

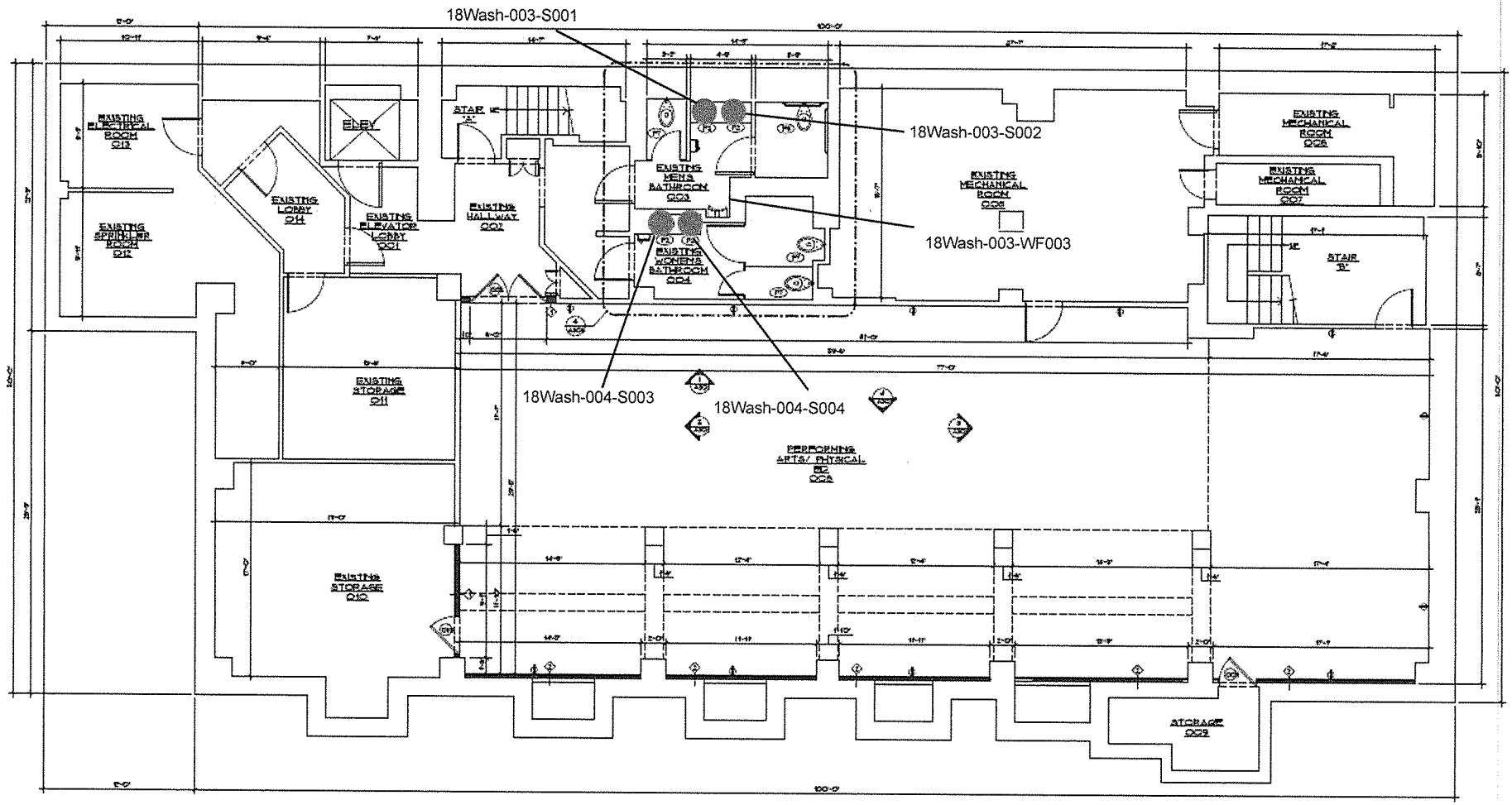
Definitions:
ND - indicates that the analyte was not detected at the reporting limit
RL - Reporting Limit (Analytical)

Appendix A (Sampling Data Form and Recommendations)						
School Name	Address	Sample #	Location	Initial Result	30 sec Flush	Rec.
St. Philips Academy	18 Washington St.	11971-18WASH-003-S001	Lower Basement	43.9 ppb	8.26 ppb	2
St. Philips Academy	18 Washington St.	11971-18WASH-003-S002	Lower Basement	70.1 ppb	7.78 ppb	2
St. Philips Academy	18 Washington St.	11971-18WASH-004-S003	Lower Basement	31.0 ppb	7.14 ppb	2
St. Philips Academy	18 Washington St.	11971-18WASH-004-S004	Lower Basement	23.8 ppb	10.7 ppb	2
St. Philips Academy	18 Washington St.	11971-18WASH-07-S005	Upper Basement	14.4 ppb		4
St. Philips Academy	18 Washington St.	11971-18WASH-116-S006	1st Floor	13.4 ppb		4
St. Philips Academy	18 Washington St.	11971-18WASH-114-S007	1st Floor	12.2 ppb	6.10 ppb	2
St. Philips Academy	18 Washington St.	11971-18WASH-114-S008	1st Floor	14.8 ppb	10.1 ppb	2
St. Philips Academy	18 Washington St.	11971-18WASH-113-S009	1st Floor	27.9 ppb	<3.00 ppb	2
St. Philips Academy	18 Washington St.	11971-18WASH-111-S010	1st Floor	17.0 ppb	<3.00 ppb	2
St. Philips Academy	18 Washington St.	11971-18WASH-106-S011	1st Floor	14.1 ppb		4
St. Philips Academy	18 Washington St.	11971-18WASH-106-S012	1st Floor	282.0 ppb	<3.00 ppb	2
St. Philips Academy	18 Washington St.	11971-18WASH-106-S013	1st Floor	12.9 ppb		4
St. Philips Academy	18 Washington St.	11971-18WASH-107-S014	1st Floor	11.6 ppb		4
St. Philips Academy	18 Washington St.	11971-18WASH-107-S015	1st Floor	13.0 ppb		4
St. Philips Academy	18 Washington St.	11971-18WASH-107-S016	1st Floor	18.1 ppb	<3.00 ppb	2
St. Philips Academy	18 Washington St.	18 Wash 210-S017	2nd Floor Janitors Closet	18.1 ppb		5
St. Philips Academy	18 Washington St.	11971-18WASH-208-WF001	1st Floor	None Detected		4
St. Philips Academy	18 Washington St.	11971-18WASH-208-WF002	1st Floor	None Detected		4
St. Philips Academy	18 Washington St.	11971-18WASH-317-S018	3rd Floor	12.4 ppb		4
St. Philips Academy	18 Washington St.	11971-18WASH-316-S019	3rd Floor	6.32 ppb		4
St. Philips Academy	18 Washington St.	11971-18WASH-315-S020	3rd Floor	8.91 ppb		4
St. Philips Academy	18 Washington St.	11971-18WASH-416-S022	4th Floor	20.41 ppb	3.44 ppb	2
St. Philips Academy	18 Washington St.	11971-18WASH-412-S023	4th Floor	11.0 ppb		4
St. Philips Academy	18 Washington St.	11971-18WASH-411-S024	4th Floor	92.0 ppb	6.20 ppb	2
St. Philips Academy	18 Washington St.	11971-18WASH-410-S025	4th Floor	10.5 ppb		2
St. Philips Academy	18 Washington St.	18 Wash 409-S026	4th Floor Kitchen	<3.00 ppb		2
St. Philips Academy	18 Washington St.	11971-18WASH-003-WF003	Lower Basement	287.0 ppb	110 ppb	5 or 1

Recommendation Codes

1 - Replace
2 - Flush before use
3 - Other action
4 - No necessary response
5 - Discontinue use as potable water source

Uncommon Schools - North Star Academy - AET Project No. 4-17-11971



LOWER BASEMENT

● Sink (4 Taps)

St. Phillips Academy
18 Washington Place

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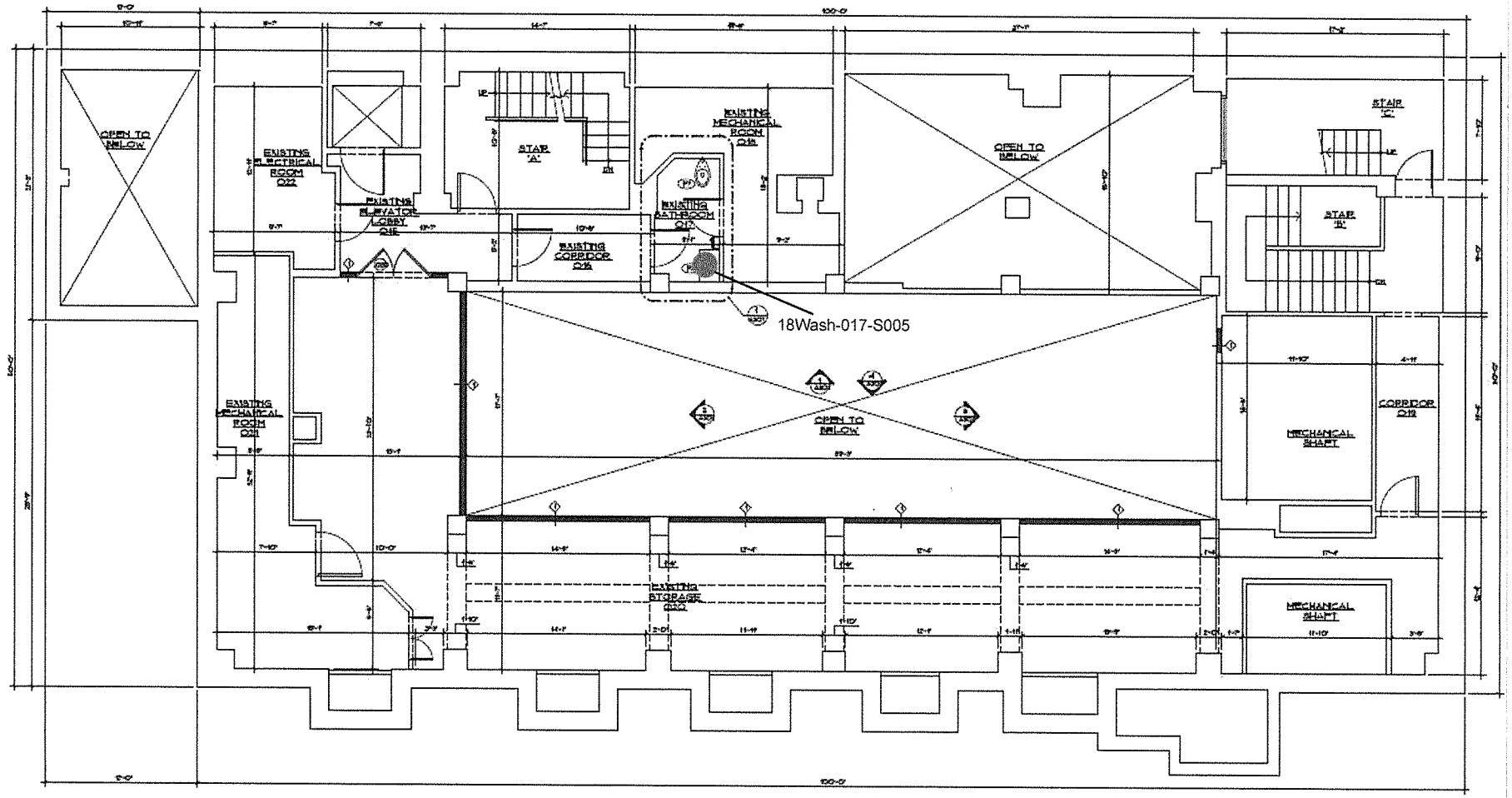

UPPER BASEMENT

● Sink (1 Tap)

St. Phillips Academy
18 Washington Place

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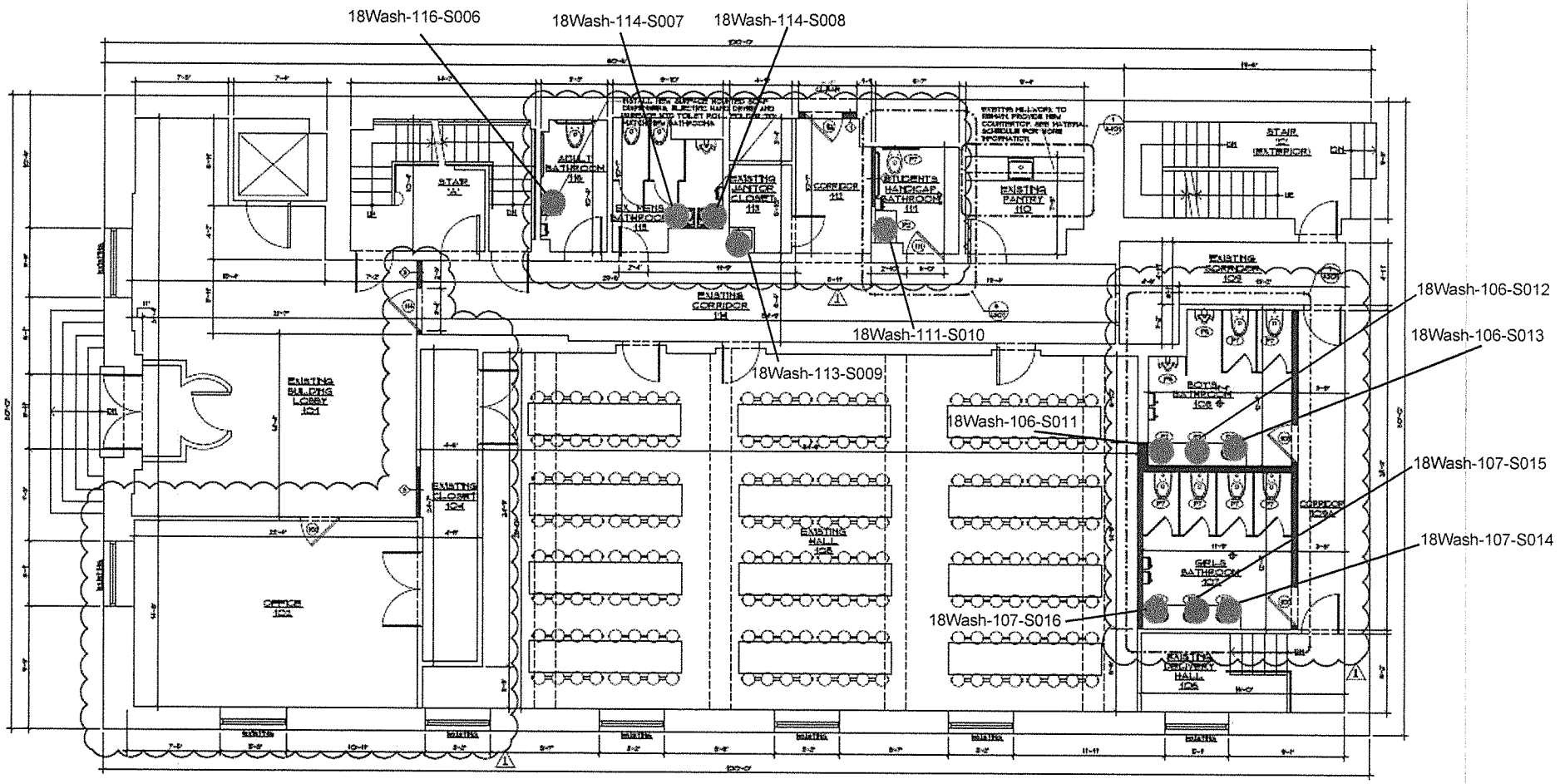

1ST FLOOR

● Sink (11 Taps)

St. Phillips Academy
18 Washington Place

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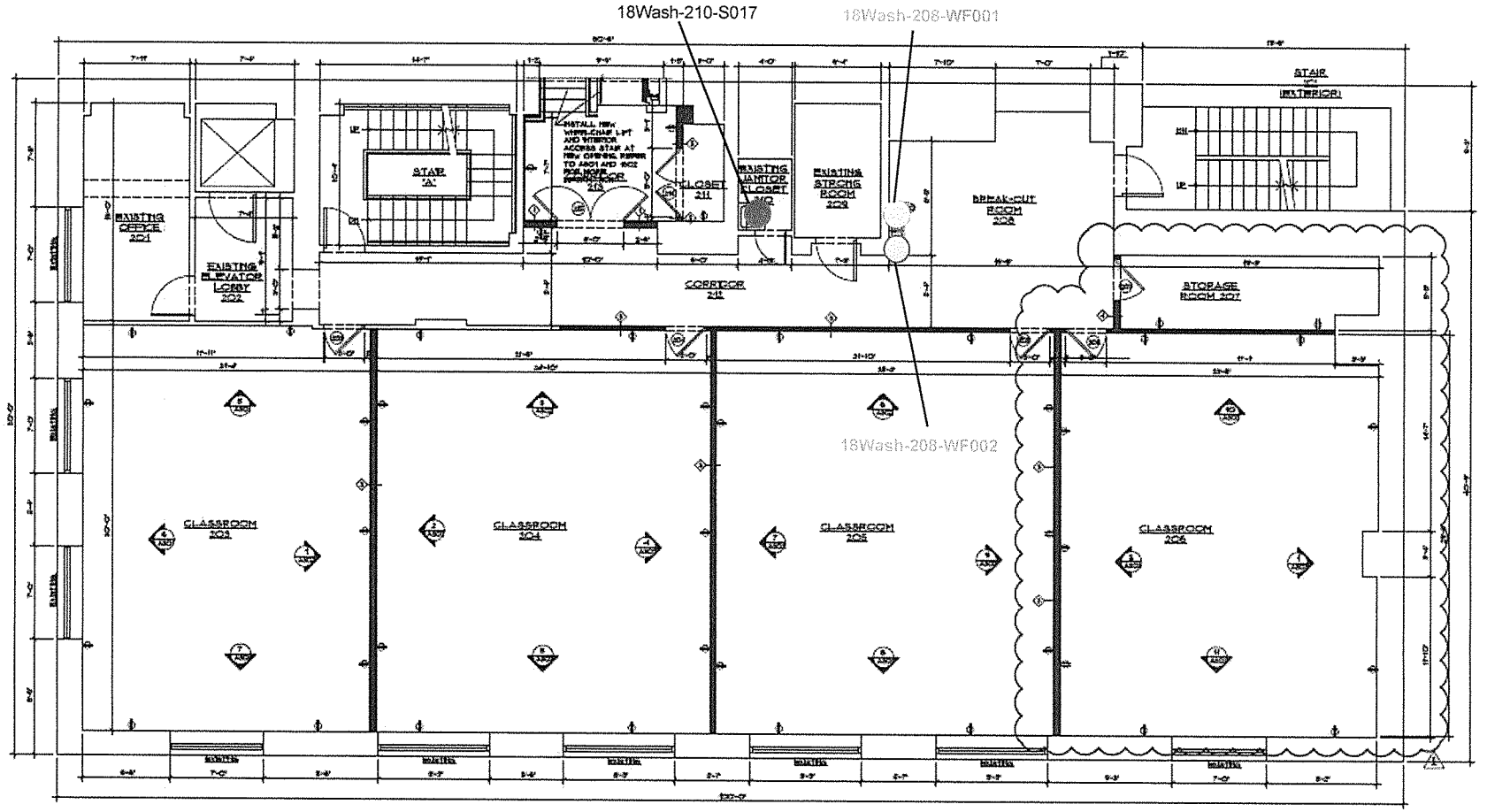
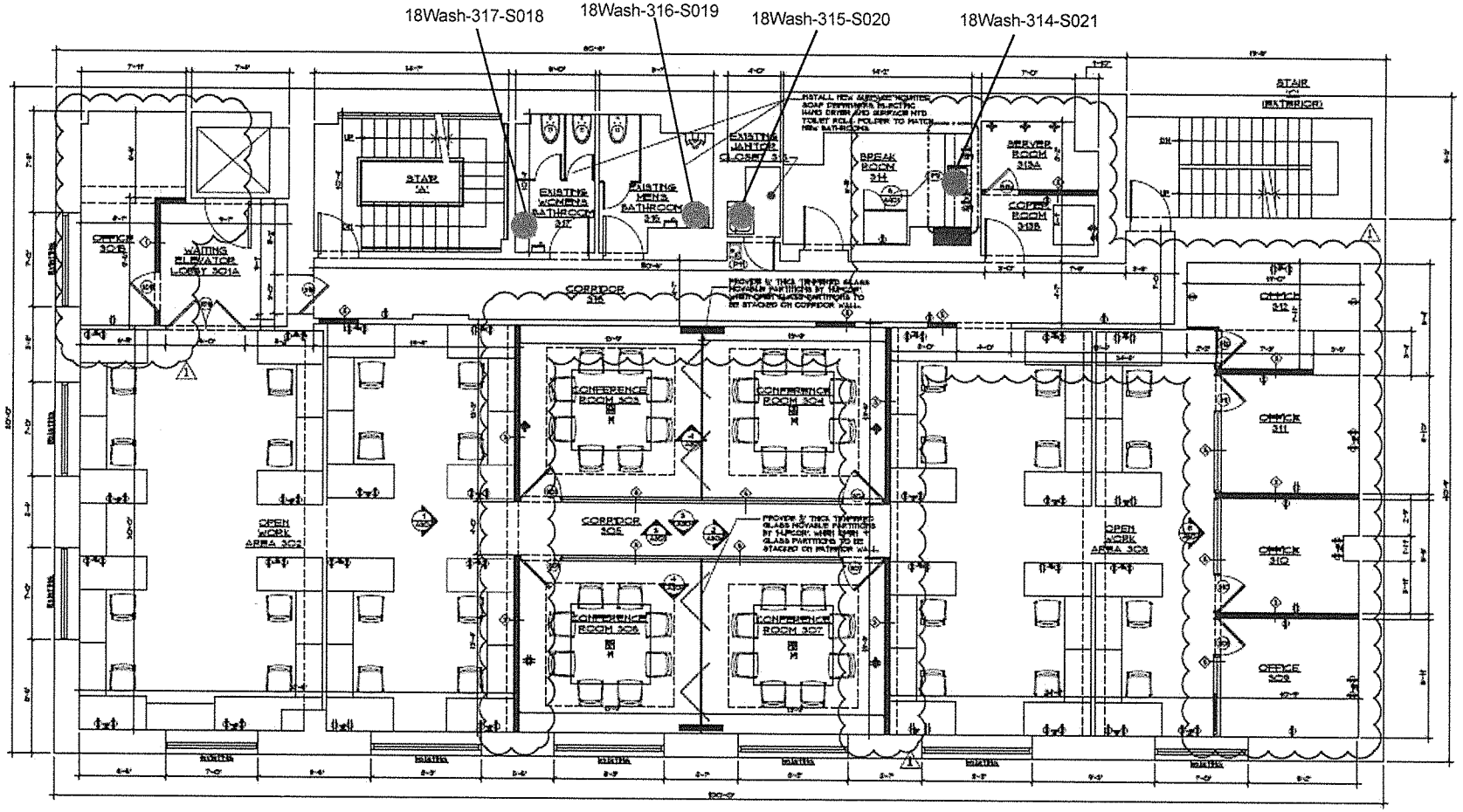


2ND FLOOR - DTMS

● Sink (1 Tap) Water Fountain (2 Taps)

St. Phillips Academy
18 Washington Place

Uncommon Schools - North Star Academy - AET Project No. 4-17-11971

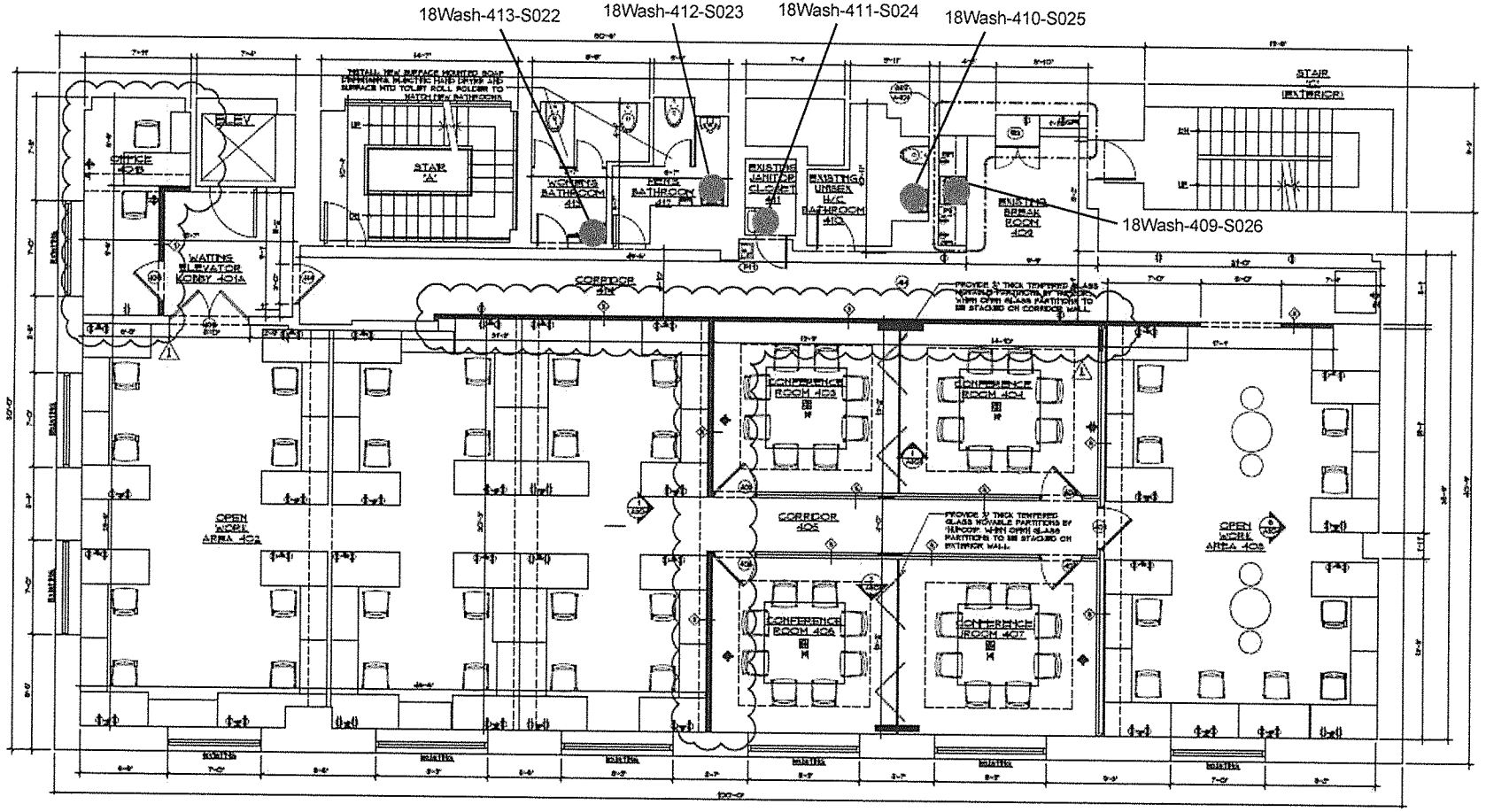


3RD FLOOR

● Sink (4 Taps)

St. Phillips Academy
18 Washington Place

Uncommon Schools - North Star Academy - AET Project No. 4-17-11971



4TH FLOOR

● Sink (5 Taps)

St. Phillips Academy
18 Washington Place