ENGINEERING & SURVEYING, INC.

PRINCIPALS
Randolph W. Leptien
Christine M. Leptien-Parks
Mariam Munshi Virani

FOUNDED 1954
Guenter K. Leptien
Frank J. Cronin
Jasper Cooper

September 27, 2021

San Leandro Unified School District
1145 Aladdin Ave
San Leandro CA, 94577
Attn: Nick Malve, RGM Kramer

Re: San Leandro Unified School District (SLUSD)
Shade Structure Surveys (Various Sites)
Proposal for Surveying and Mapping Services

Dear Mr. Malve,

LCC Engineering & Surveying, Inc. (LCC) is pleased to submit this proposal to provide land surveying and mapping services for the above referenced project.

SCOPE OF SERVICES AND ESTIMATE OF COST AND TIME;

Based on emails with you, we understand that SLUSD is in need of ground based topographic survey and mapping for design of future improvements related to future construction of Shade Structures on various campuses in the school district. The areas of surveys needed are as shown on the attached exhibits, outlined and labelled in “red” for each site described below.

We understand that it is possible that another firm will be performing underground utility locating and mapping for these areas. If this is the case, LCC will not be responsible for surveying the markings, however we will take several “check shots” so that the locator may incorporate their mapping with ours as seamlessly as possible.

Based on this information, LCC proposes to provide the following services and have also attached the “Estimated Hours and Cost by Task” spreadsheet for items work include herein:

Task 10 through Task 17 – Surveys and Mapping

For the following locations, LCC will provide survey and mapping within the limits shown on the attached exhibits:

- Task 10 – James Madison Elementary School
- Task 11 – Washington Elementary School
- Task 12 – Roosevelt Elementary School
- Task 13 – James Monroe Elementary School
- Task 14 – Garfield Elementary School
- Task 15 – Woodrow Wilson Elementary School
- Task 16 – Bancroft Middle School
- Task 17 – San Leandro High School (Quad Area)

(Note: Tasks 1-9 were completed previously under separate authorizations under our on-call contract, and are not included in this proposal)

930 Estudillo Street
Martinez, California
94553-1620
(925) 228-4218
(925) 228-4638 fax
www.lcc-inc.com

Limits of survey for each area are shown on the attached exhibits (limits provided by RGMK). LCC will coordinate with SLUSD's project manager(s) to obtain the final requirements for the survey limits/work for each Task. We will perform a ground based topographic survey (1"=10' scale) or other suitable scale, with 1-foot contours of the existing site area, as follows:

LCC will establish control points for each survey which will be based on NAD83 CCSIII and NAVD88, as well as based on control from adjacent surveys previously completed by LCC at the site (if applicable). We will perform a detailed supplemental topographic ground level survey within the limits shown outlined in "red" on the attached exhibit. The survey will include locating major topographic features horizontally and vertically such as curbs, sidewalks, flatwork, building walls/corners, poles, signs, lights, trees, planter areas, striping, fences, visible utility boxes, and grates of inlets, and visible utility facilities within the survey limits.

After field survey is completed, LCC will prepare a Topographic Survey Map of the subject site area. The Map of the collected file data will be prepared at 1"=10' scale or other suitable scale on a 24"x36" sheet using AutoCAD software. All collected survey information will be shown with elevations and line work suitable for future design improvement work.

DELIVERABLES

We will provide the District with a PDF plot of the signed survey, along with the electronic CAD files of the base map delivered via email or ftp site. The CAD drawing will be drawn at 1:1 and provided in AutoCAD 3D R2020.

HOURS, HOURLY RATES, AND COSTS BY TASKS

A spreadsheet which shows the estimated hours and cost for each of the various subtasks to be performed is attached. The spreadsheet is submitted for information and budget purposes only and the amounts per subtasks are not guaranteed, i.e. the actual amount per subtask may be higher or lower based upon the actual work performed.

Work will be performed at the hourly rates attached to our Independent Consultant Agreement for Professional Services with SLUSD dated June 10, 2020. LCC, Inc. proposes to provide the scope of services described herein on a time and materials basis for a total amount not to exceed the total amount indicated at the bottom of the attached spreadsheet without written authorization, in accordance with said agreement.

We understand that LCC will be required to invoice for each Task separately. However, we assume that all Tasks will be authorized and can be performed sequentially as to minimize trips to the area and to limit mobilization costs.

SCHEDULE & SITE ACCESS

We can begin work within one week of receiving a written notice to proceed.

We understand that LCC will not have access to any of the sites during regular school hours. The project manager has advised LCC that we may start work on site on Wednesday afternoons (after early release) by 2:30pm. **We estimate that we can still get close to a full**

field days of work completed on those Wednesdays, as long as we are permitted to stay on site until sun down (approximately 7pm). In addition, we have identified a few Saturdays (8am – 3:30pm) that we can perform a full day's worth of survey, again assuming we will be provided access. Finally, if work has not been completed by the end of October, we recommend performing a full regular day of survey on Monday, November 1st (8am to 3:30pm), as that appears to be a teacher work day where there will be no students on campus (will verify this assumption with the project manager).

Based on the above assumptions and the emails from RGMK describing the desired order of work, we have proposed the following schedule (assuming written authorization to proceed is provided by October 1st):

Wednesday, October 6th :	Task 11 (Roosevelt ES) and possibly begin Task 12 (Washington ES)
Saturday, October 9th :	Task 12 (Washington ES) and Task 10 (Madison ES)
Either Saturday Oct. 16th Or Saturday Oct. 23rd (TBD):	Task 13 (Monroe ES) and Task 14 (Garfield ES)
Wednesday, October 20th:	Task 15 (Wilson ES) and begin Task 16 (Bancroft MS)
Wednesday, October 27th:	Finish Task 16 (Bancroft MS) and begin Task 17 (SLHS)
Monday, November 1st:	Finish Task 17 (SLHS) and any other sites not finished.

The above schedule is just a recommendation and may be adjusted to meet the District's project needs and access restrictions. We can move certain Tasks to other days, as to work with the project manager to meet access requirements, as is reasonable.

Delivery of mapping will follow within two weeks of completing field work of that site (Task).

We will work with the District to complete all tasks in accordance with the District's schedule as is reasonably possible. Our schedule will be dependent upon rain or smoke related delays, and the assumption we will be given reasonable access to the sites. LCC will not be responsible for delays in schedule which are not reasonably within their control.

ADDITIONAL SERVICES AND ASSUMPTIONS

Additional services are items that can be provided by LCC, or its subcontractors, but which are not included in the "Scope of Services" outlined above. Additional services will be provided on a "Time and Materials" basis, according to LCC's prevailing "Rate Schedule", unless a separate agreement for the work is negotiated.

Work items that will be considered "Additional Services" include, but are not limited to the following:

- Aerial Mapping
- Surveying of any kind outside of the work limit line shown on the "Survey Exhibit"
- Reviewing and incorporating comments and mark-ups from the Client after final submittal has been made.
- Underground locating or “Potholing” to locate existing utilities.
- Additional Boundary or Easement work.
- Civil Engineering Services
- Construction Staking

LCC will undertake additional services when requested to do so by the Client. Prior to proceeding with any Additional Services, LCC will send a work order to the Client indicating the nature of requested additional services, and an estimate of the fees to be charged for the additional work, subject to approval by the Client.

Thank you for this opportunity to submit this proposal. Please feel free to contact me at 925-228-4218 or cmp@lcc-inc.com if you have any questions, or if you would like us to proceed.

Sincerely,
LCC Engineering & Surveying, Inc.



Christine M. Parks
Principal

Encl: Estimated Hours and Cost by Task, Spreadsheet (2 page)
Limits of Survey Work Exhibit (8 pages)

ESTIMATED WORKER HOURS AND COST BY TASK
LCC ENGINEERING SURVEYING, INC.

SAN LEANDRO UNIFIED SCHOOL DISTRICT (SLUSD)
SHADE STRUCTURE SURVEYS (VARIOUS SITES)
PROPOSAL FOR LAND SURVEYING & MAPPING SERVICES
September 27, 2021

		LCC, INC. HOURS									HOURS			AMOUNTS		
SCOPE OF WORK		**PS**	**S2**	**S1**	**LS**	**CE**	**AE**	**C2**	**C1**	**TT**	**LCC**	**SUB**	**TOTAL**	**LCC**	**SUB**	**TOTAL**
TASK 10 - JAMES MADISON ES - SURVEYS AND MAPPING																
10.1	Field - Topographic Surveys		4		1						5		5	$1,210	$0	$1,210
10.2	Office - Topo mapping - compile data and mapping				2			8			10		10	$1,428	$0	$1,428
10.3	Office - Management & Coordination	1			1						2		2	$407	$0	$407
	Subtotal Task 10	1	4	0	4	0	0	8	0	0	17	0	17	$3,045	$0	$3,045
														Estimated Reimbursable Expenses:		$0
														Total Task 10:		**$3,045**
TASK 11 - WASHINGTON ES - SURVEYS AND MAPPING																
11.1	Field - Topographic Surveys		6		1						7		7	$1,720	$0	$1,720
11.2	Office - Topo mapping - compile data and mapping				2			12			14		14	$1,952	$0	$1,952
11.3	Office - Management & Coordination	1			1						2		2	$407	$0	$407
	Subtotal Task 11	1	6	0	4	0	0	12	0	0	23	0	23	$4,079	$0	$4,079
														Estimated Reimbursable Expenses:		$0
														Total Task 11		**$4,079**
TASK 12 - ROOSEVELT ES - SURVEYS AND MAPPING																
12.1	Field - Topographic Surveys		6		1						7		7	$1,720	$0	$1,720
12.2	Office - Topo mapping - compile data and mapping				2			12			14		14	$1,952	$0	$1,952
12.3	Office - Management & Coordination	1			1						2		2	$407	$0	$407
	Subtotal Task 12	1	6	0	4	0	0	12	0	0	23	0	23	$4,079	$0	$4,079
														Estimated Reimbursable Expenses:		$0
														Total Task 12		**$4,079**
TASK 13 - JAMES MONROE ES - SURVEYS AND MAPPING																
13.1	Field - Topographic Surveys		4		1						5		5	$1,210	$0	$1,210
13.2	Office - Topo mapping - compile data and mapping				2			8			10		10	$1,428	$0	$1,428
13.3	Office - Management & Coordination	1			1						2		2	$407	$0	$407
	Subtotal Task 13	1	4	0	4	0	0	8	0	0	17	0	17	$3,045	$0	$3,045
														Estimated Reimbursable Expenses:		$0
														Total Task 13		**$3,045**

ESTIMATED WORKER HOURS AND COST BY TASK
LCC ENGINEERING SURVEYING, INC.

		LCC, INC. HOURS									HOURS			AMOUNTS		
	SCOPE OF WORK	PS	S2	S1	LS	CE	AE	C2	C1	TT	LCC	SUB	TOTAL	LCC	SUB	TOTAL
TASK 14 - GARFIELD ES - SURVEYS AND MAPPING																
14.1	Field - Topographic Surveys		4		1						5		5	$1,210	$0	$1,210
14.2	Office - Topo mapping - compile data and mapping				2			8			10		10	$1,428	$0	$1,428
14.3	Office - Management & Coordination	1			1						2		2	$407	$0	$407
	Subtotal Task 14	1	4	0	4	0	0	8	0	0	17	0	17	$3,045	$0	$3,045
														Estimated Reimbursable Expenses:		$0
														Total Task 14		**$3,045**
TASK 15 - WOODROW WILSON ES - SURVEYS AND MAPPING																
15.1	Field - Topographic Surveys		4		1						5		5	$1,210	$0	$1,210
15.2	Office - Topo mapping - compile data and mapping				2			8			10		10	$1,428	$0	$1,428
15.3	Office - Management & Coordination	1			1						2		2	$407	$0	$407
	Subtotal Task 15	1	4	0	4	0	0	8	0	0	17	0	17	$3,045	$0	$3,045
														Estimated Reimbursable Expenses:		$0
														Total Task 15		**$3,045**
TASK 16 - BANCROFT MS - SURVEYS AND MAPPING																
16.1	Field - Topographic Surveys		6		1						7		7	$1,720	$0	$1,720
16.2	Office - Topo mapping - compile data and mapping				2			12			14		14	$1,952	$0	$1,952
16.3	Office - Management & Coordination	1			1						2		2	$407	$0	$407
	Subtotal Task 16	1	6	0	4	0	0	12	0	0	23	0	23	$4,079	$0	$4,079
														Estimated Reimbursable Expenses:		$0
														Total Task 16		**$4,079**
TASK 17 - SAN LEANDRO HS - SURVEYS AND MAPPING																
17.1	Field - Topographic Surveys		6		1						7		7	$1,720	$0	$1,720
17.2	Office - Topo mapping - compile data and mapping				2			10			12		12	$1,690	$0	$1,690
17.3	Office - Management & Coordination	1			1						2		2	$407	$0	$407
	Subtotal Task 17	1	6	0	4	0	0	10	0	0	21	0	21	$3,817	$0	$3,817
														Estimated Reimbursable Expenses:		$0
														Total Task 17		**$3,817**

TOTAL TASK 10 THRU TASK 17 (NOT TO EXCEED AMOUNT): $28,234

LEGEND - LCC TEAM MEMBERS AND HOURLY RATES (PER ON-CALL CONTRACT WITH SLUSD)

PS = PRINCIPAL SURVEYOR	$217	AE = ASSISTANT ENGINEER	$145	SUB = SUBCONSULTANT	$100
S2 = TWO-MAN SURVEY CREW	$255	C2 = CAD DESIGNER	$131	(HOURLY RATES FOR SUBCONSULTANTS ARE USED AS CALCULATION TOOL FOR ESTIMATED COST OF SERVICES AND MATERIALS DELIVERED)	
S1 = ONE-MAN SURVEY CREW	$169	C1 = CAD OPERATOR	$96		
LS = LAND SURVEYOR / SENIOR ENGINEER	$190	TT = TECHNICAL TYPIST	$76		
CE = CIVIL ENGR.	$163				

SAN LEANDRO UNIFIED SCHOOL DISTRICT
Bond Department

To: Facilities and Technology Committee
From: Bond Department
F&T Meeting Date: 10/06/2021
Project Description: New Proposal

Bond Measure: N
Site location: James Madison ES (04), Washington ES (08), Roosevelt ES (07), James Monroe ES (06), Garfield ES (02), Woodrow Wilson ES (09), Bancroft MS (011), San Leandro HS (016)
Funding Source: Shade Structure (805)

Fiscal Impact:
Madison ES: $3,045.00
Washington ES: $4,079.00
Roosevelt ES: $$4,079.00
Monroe ES: $3,045.00
Garfield ES: $3,045.00
Wilson ES: $3,045.00
Bancroft MS: $4,079.00
San Leandro HS: $3,817.00

Total Fiscal Impact: $28,234.00

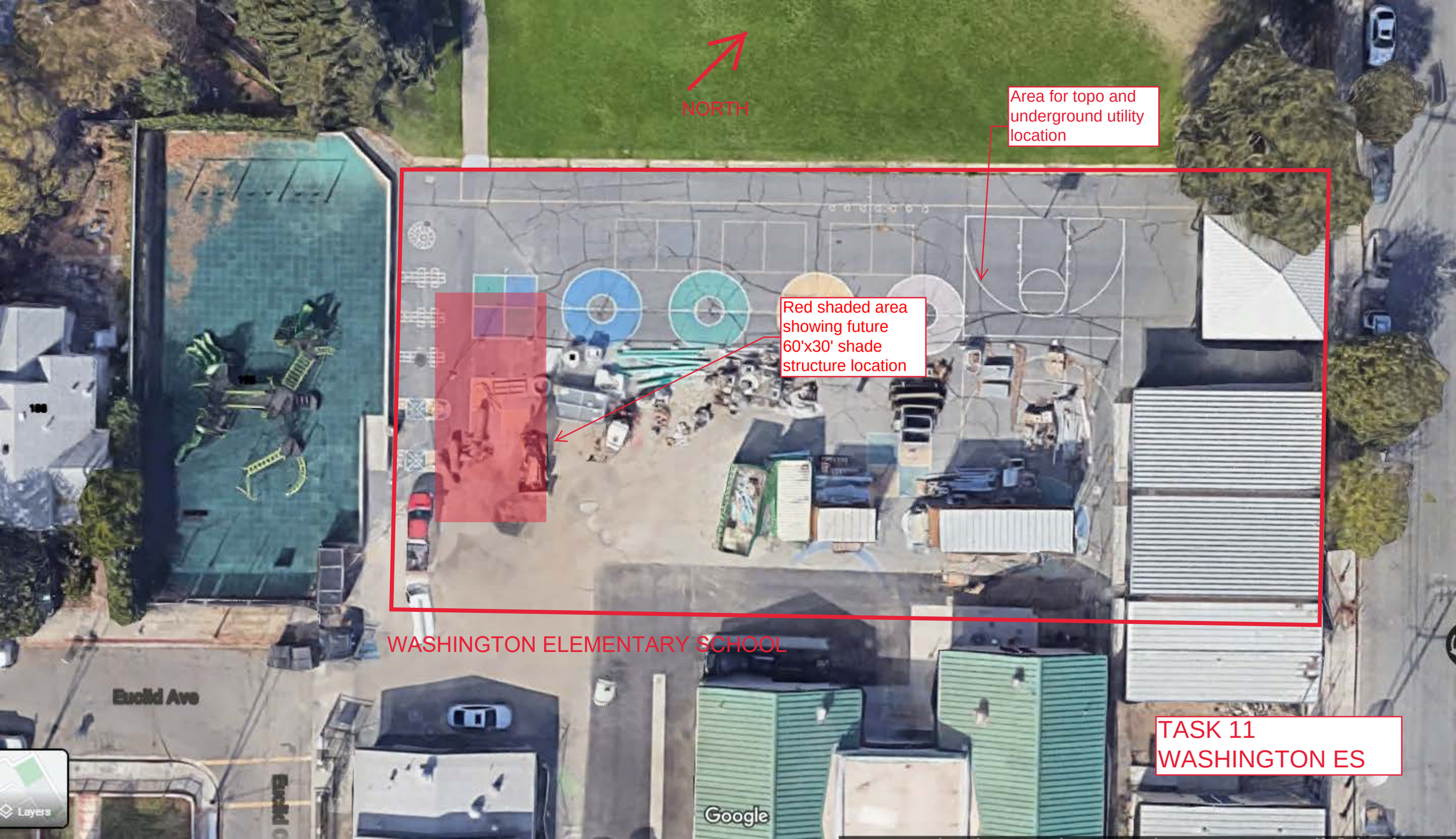
Rationale: Cost proposal for the provision of land surveying and mapping services for the multi-site shade structure project.

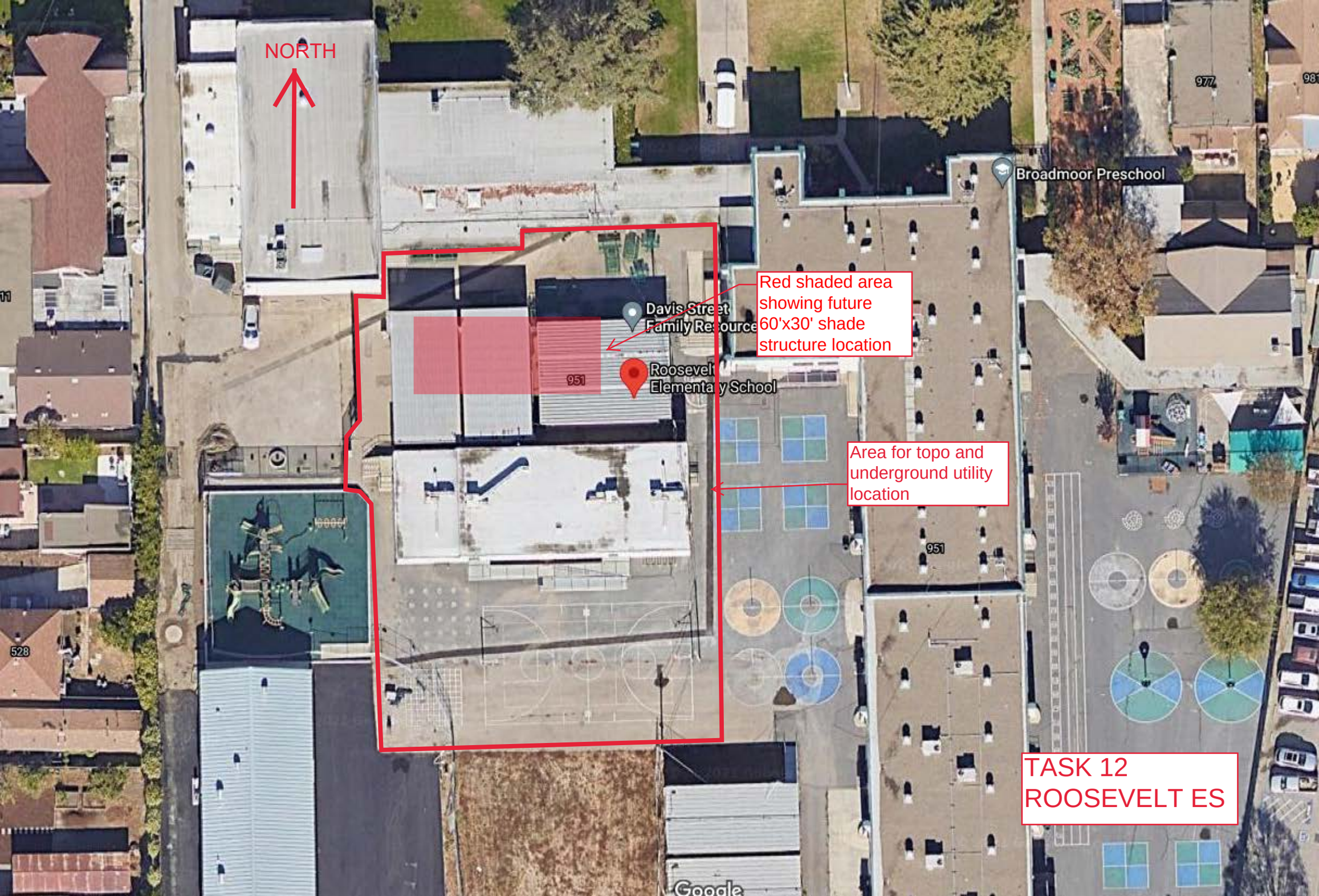
Contractor/Company on the project: LCC Engineering Surveying, Inc.
Phone: 925-228-4218
Full Name of person responsible to sign contract: Christine Parks
Email to send contract to for DocuSign: cmp@lcc-inc.com
License #: N/A

Is this a new Company being used?: No
Do we have a W9 on file? Yes

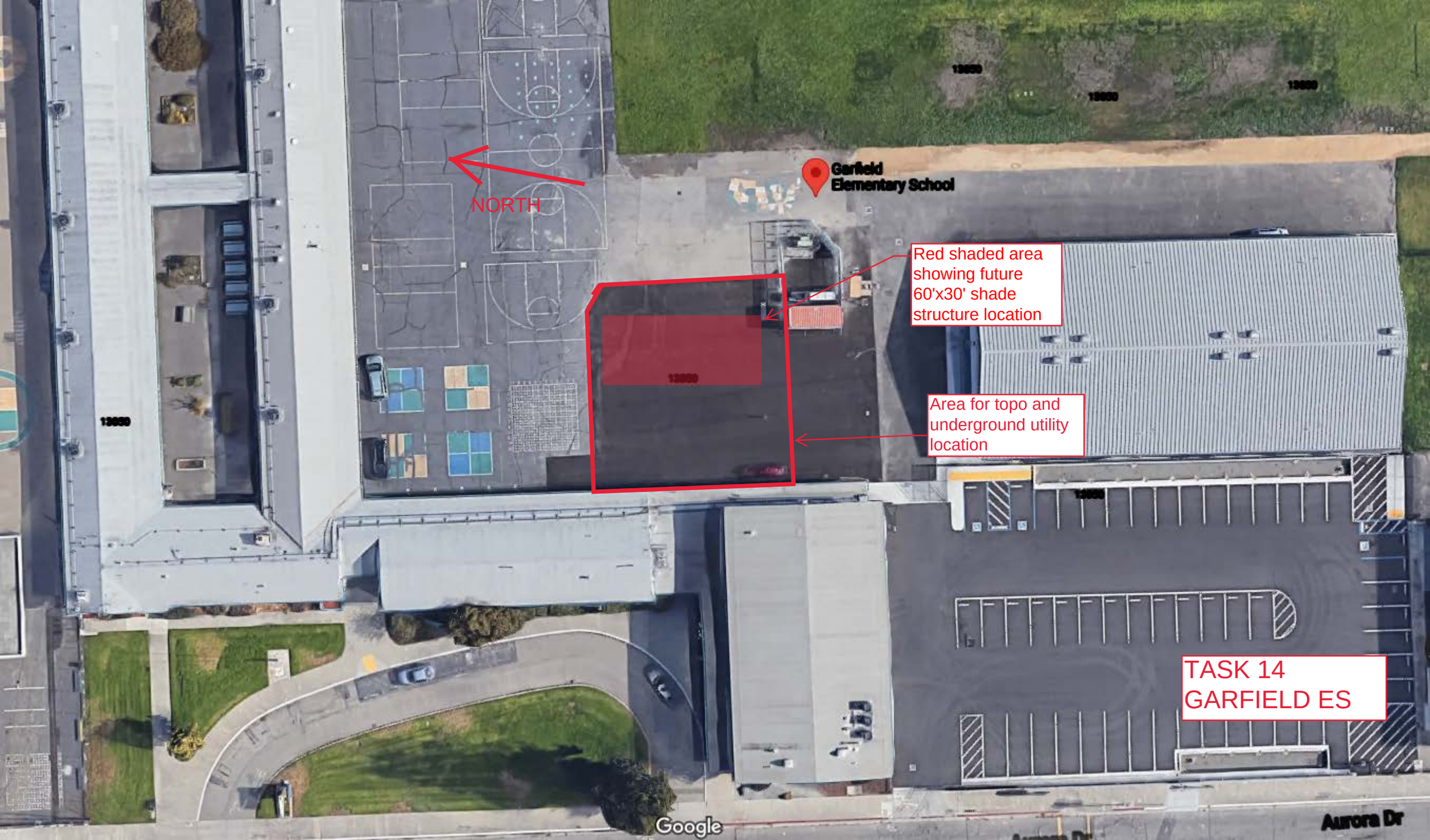


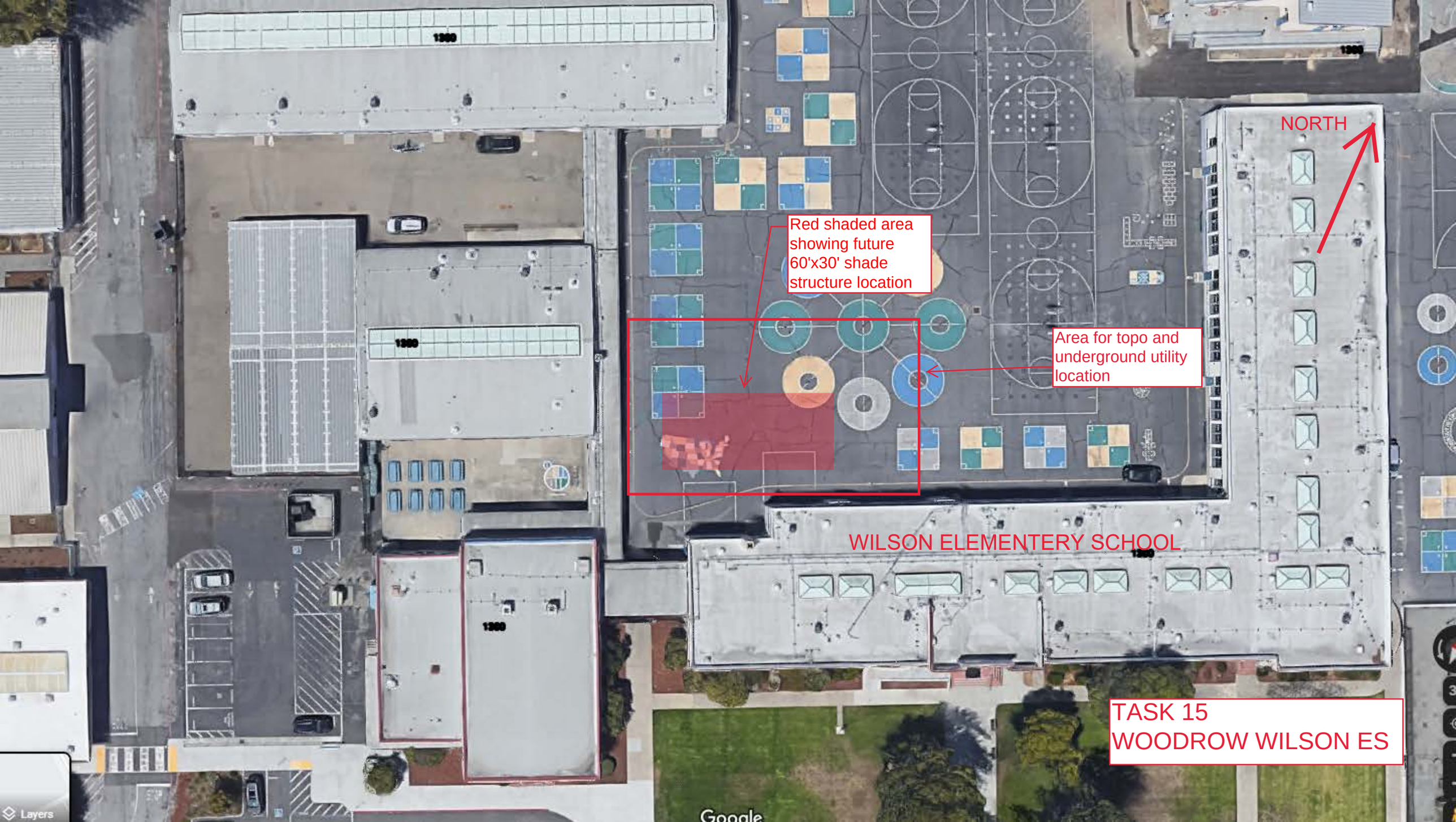
TASK 10
JAMES MADISON ES

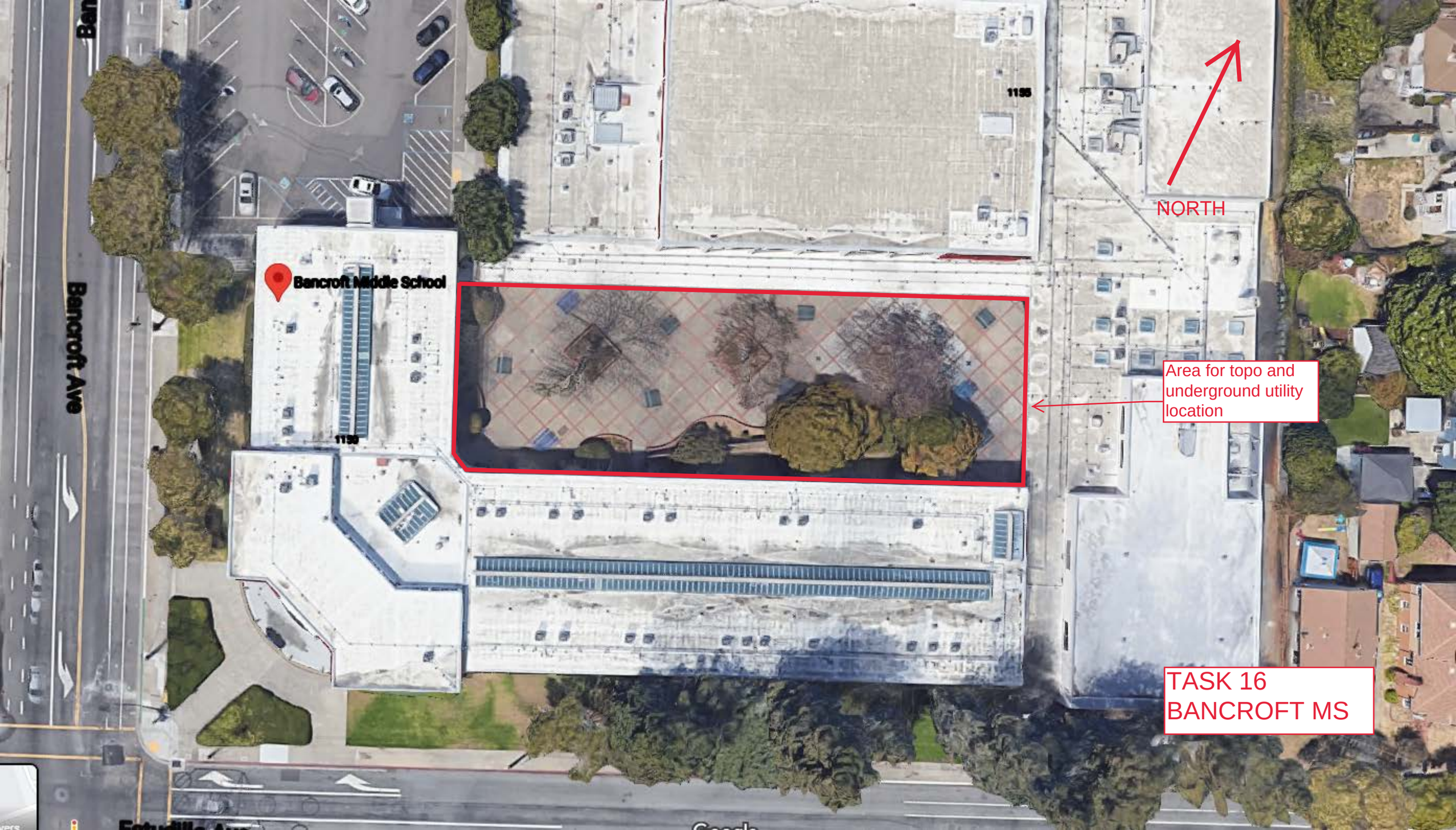

NORTH
Area for topo and underground utility location
Red shaded area showing future 60'x30' shade structure location
WASHINGTON ELEMENTARY SCHOOL
Euclid Ave
Layers
Google
TASK 11
WASHINGTON ES

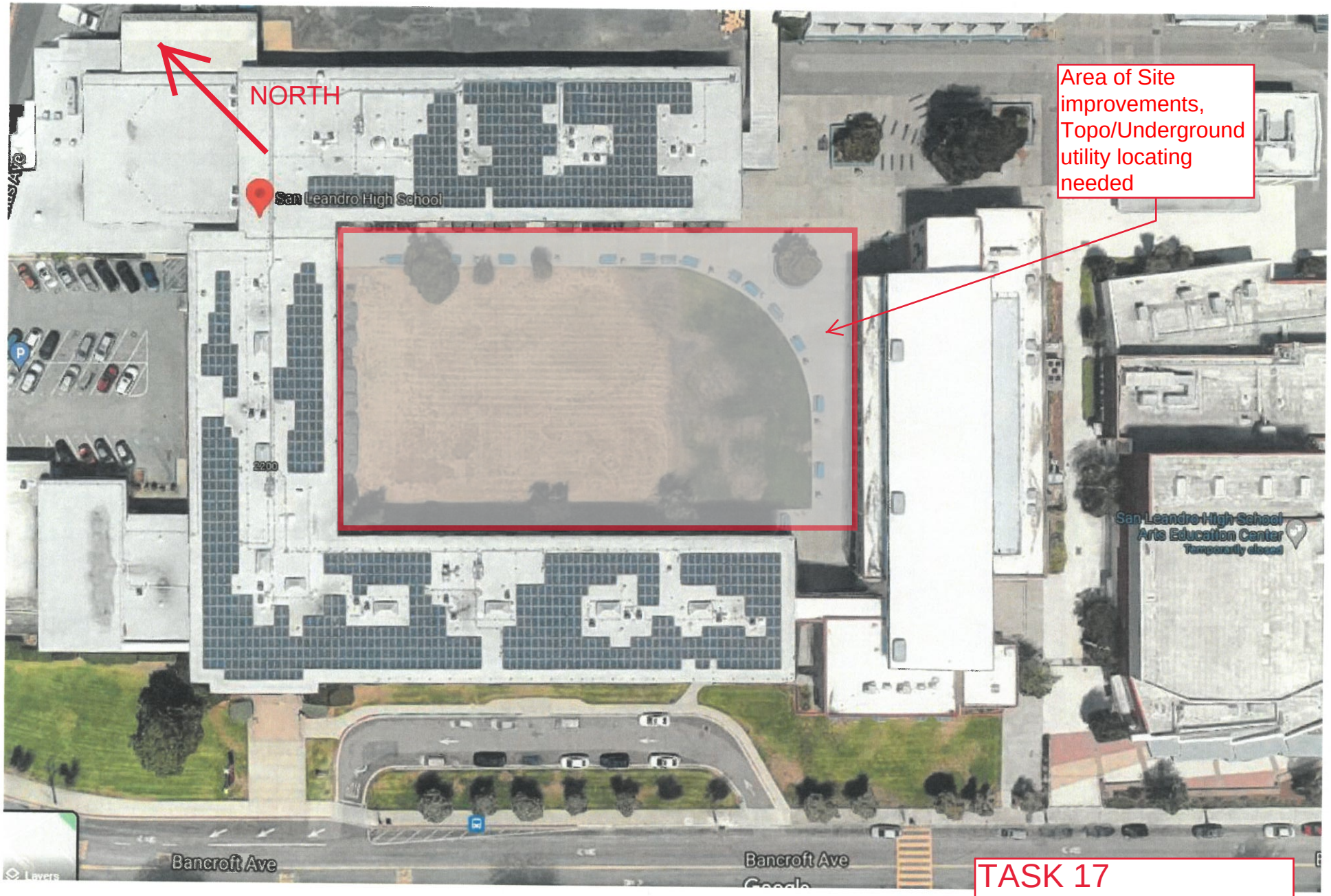

NORTH
Broadmoor Preschool
Red shaded area showing future 60'x30' shade structure location
Davis Street Family Resource
Roosevelt Elementary School
Area for topo and underground utility location
951
977
528
Google
TASK 12
ROOSEVELT ES


NORTH
Red shaded area showing future 60'x30' shade structure location
Area for topo and underground utility location
James Monroe Elementary
Google
TASK 13
JAMES MONROE ES


NORTH
Garfield
Elementary School
Red shaded area showing future 60'x30' shade structure location
Area for topo and underground utility location
TASK 14
GARFIELD ES
Google
Aurora Dr


NORTH
Red shaded area showing future 60'x30' shade structure location
Area for topo and underground utility location
WILSON ELEMENTERY SCHOOL
TASK 15
WOODROW WILSON ES
Layers
Google


Bancroft Middle School
Bancroft Ave
1155
1139
NORTH
Area for topo and underground utility location
TASK 16
BANCROFT MS



TASK 17
SAN LEANDRO HS