GEO-ENGINEERING SOLUTIONS, INC.
2570 San Ramon Valley Blvd., Suite A102
San Ramon, CA | 925-433-0450

September 27, 2021

Attention: Mr. Nick Malve

***Subject:*** ***Proposal for Utility Locations***
*San Leandro Schools*
*San Leandro, CA*
*Geo-Eng Project No. 13-1370*

Dear Mr. Malve

***Geo-Engineering Solutions Inc. (Geo-Eng)*** has prepared this proposal to provide utility location services to the San Leandro Unified School District for several schools in San Leandro. This proposal is based on a review of plans provided by you as well as conversations and emails with you. In performing this work, we will utilize our sub-consultant, Geo-Tech Utility Locating, to assist with the location and preparation of the plans for this effort.

**Scope of Work**
In accordance with your request, we will field locate utility lines in accordance with the information that you have provided to us. The attached proposal includes additional details and limitations on our scope of work for this effort.

**Summary of Fees**
We will perform our proposed base scope of work presented herein for the following lump Sum Fee for each site, for a total of **$31,405**.

| Scope Item | Job Number | Amount | Lump Sum |
|---|---|---|---|
| ***Utility Location at School Sites*** | | | |
| Bancroft MS Courtyard | 13-1370-A | | $4,345 |
| Bancroft MS Parking Lot | 13-1370-B | | $2,145 |
| Garfield ES | 13-1370-C | | $2,695 |
| James Monroe | 13-1370-D | | $2,695 |
| Madison ES | 13-1370-E | | $2,695 |
| Roosevelt ES | 13-1370-F | | $5,445 |
| San Leandro HS | 13-1370-G | | $3,245 |
| Washington ES | 13-1370-H | | $5,445 |
| Wilson ES | 13-1370-I | | $2,695 |

**Schedule**
The utility locations work will occur in early October 2021 and will take approximately 3 days to complete.

We anticipate that the services will be provided in accordance with our master services agreement with the district and a task order will be issued in accordance with the terms of our agreement. If you have any questions regarding this proposal, please contact the undersigned at eswenson@geo-eng.net or (925) 433-0450. We greatly appreciate the opportunity to provide this proposal to the San Leandro Unified School District.

Sincerely,
**GEO-ENGINEERING SOLUTIONS, INC.**



Eric J. Swenson, G.E., C.E.G.
Principal Engineer/ Engineering Geologist

Distribution: Mr. Nick Malve, RGM Kramer, nickm@rgmkramer.com

Attachment: Geo-Tech Locating Proposals dated 9/22/2021

**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:** Bancroft MS (011), Garfield ES (02), James Monroe ES (06), Madison ES (04), Roosevelt ES (07), San Leandro HS (016), Washington ES (08), Wilson ES (09)
**Funding Source:** Bancroft Parking Lot Paving (804), Multi-Site Shade Structure (805)

**Fiscal Impact:**
Bancroft MS Courtyard: $4,345.00
Bancroft MS Parking Lot: $2,145.00
Garfield ES: $2,695.00
James Monroe: $2,695.00
Madison ES: $2,695.00
Roosevelt ES: $5,445.00
San Leandro HS: $3,245.00
Washington ES: $5,445.00
Wilson ES: $2,695.00
Total Contractor Fees: $31,405

Owner 10% Contingency: $3,140.50

*Total Fiscal Impact*: $34,545.50

**Rationale:** Cost proposal for the provision of utility location services for the multi-site shade structure project and the Bancroft parking lot paving project.

**Contractor/Company on the project:** Geo-Engineering Solutions
**Phone**: 925-433-0450
**Full Name of person responsible to sign contract:** Eric Swenson
**Email to send contract to for DocuSign:** eswenson@geo-eng.net
**License #:** N/A

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

GeoTech UTILITY LOCATING 460 Center Street #6873 Moraga, Ca 94570 Ph:510-235-4144 info@geotechlocating.com

**QUOTATION FOR**

GEO-ENGINEERING SOLUTIONS, INC.
ERIC SWENSON
2570 SAN RAMON VALLEY BLVD, SUITE A102
SAN RAMON, CA 94583

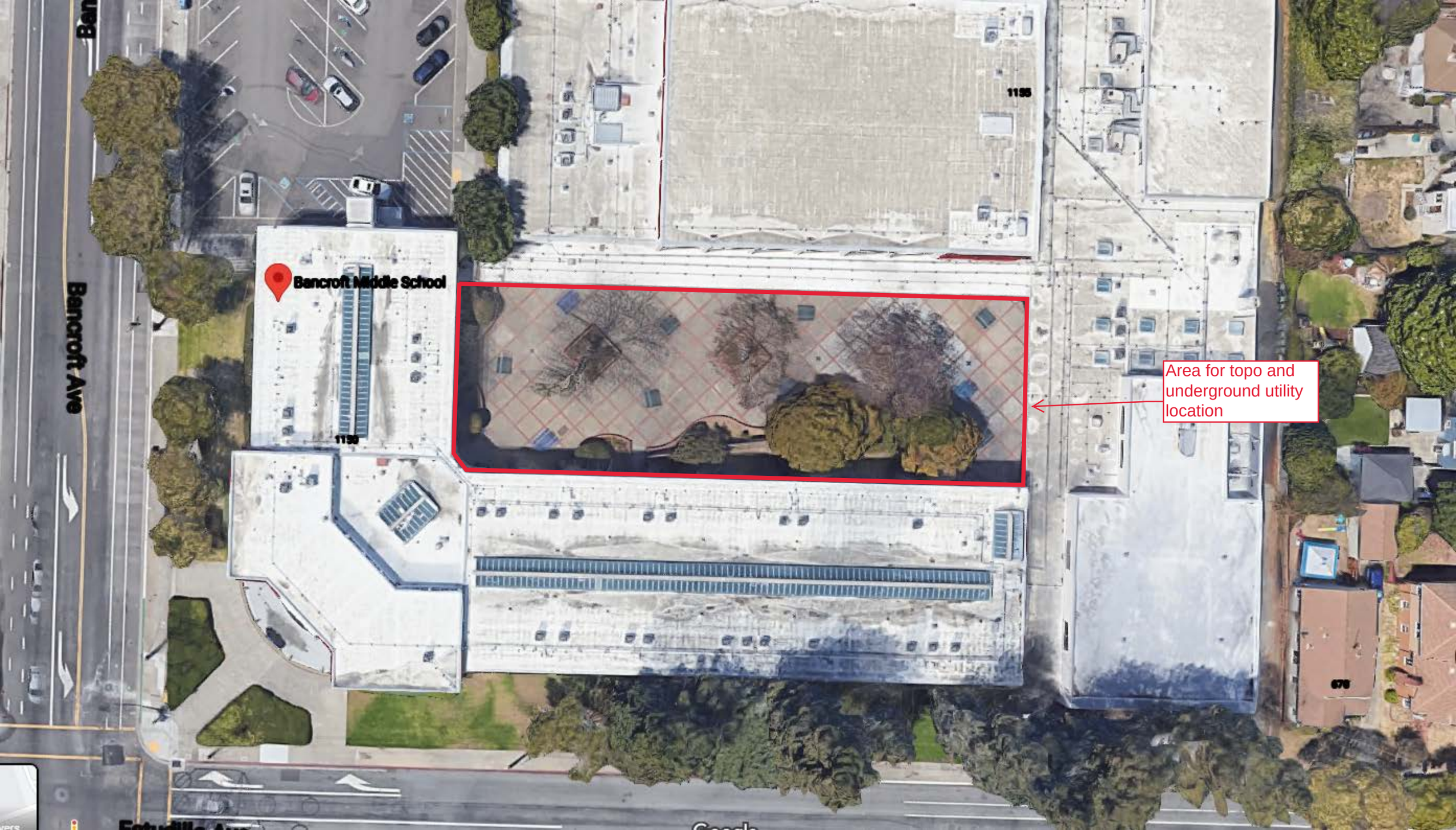
# QUOTATION

| Date | Quotation |
|---|---|
| 9/22/2021 | 6886 |

| Description | RATE |
|---|---|
| PROJECT:<br>Bancroft MS, 1150 Bancroft Ave, San Leandro, CA 94577.<br>SURVEY BOUNDARY:<br>Locate underground utilities inside the court yard as defined by information received on 09-21-2021 via e mail. The attached Google image delineates the proposed survey boundary.<br>INTENTION:<br>We will attempt to locate underground utilities in the survey area, but for technical reasons we cannot guarantee to do so.<br>NOTICE USA:<br>Contractors must call Underground Service Alert (811) 48 hours prior to any underground work.<br>MAKE AVAILABLE:<br>• Any existing utility drawings for the survey area.<br>• Access to areas that require admission for the purpose of tracking and identifying the utilities such as locked utility panels and rooms.<br>METHOD:<br>Location of utilities will be by electromagnetic field induction.<br>The following is a partial list of equipment typically used to locate detectable utilities:<br>• Radio Detection 7000 transmitter w/ matched receiver<br>• Ground Penetrating Radar (GPR) unit<br>• Fisher TW-6 M-scope - shallow focus metal detector<br>• 512 Hz Sonde.<br>We will visually inspect the surrounding area for evidence of subsurface utilities or other buried features as well as review available subsurface utility drawings.<br>Each identified utility will be investigated using active electromagnetic utility-locating instruments and its surface trace demarcated on the ground using color-coded spray paint.<br>INCLUDES:<br>• Metallic utilities i.e. telephone (except fiber optic), electric, gas and water.<br>• Non-metallic utilities with tracer wire visible.<br>• Sewer and Drain lines with minimum 4" access will be located by inserting a transmitter.<br>RESULT PRESENTATION:<br>Utilities will be marked with spray paint using the American Public Works Association color code.<br>• Electric ---------- Red • Telephone/Comm ------- Orange<br>• Storm/Sanitary ---------- Green • Water/Air ---------- Blue<br>• Gas/Steam/Oil ----------Yellow • Unknown pipes ---------- Pink<br>ACAD PRESENTATION:<br>Utility marks will be collected and plotted onto a drawing provided by client, by layers, in the ACAD format.<br>PRICE:<br>Work as outlined above includes equipment , travel costs and personnel and is offered for the sum of: | 3,950.00 |

SIGNATURE:
PAYMENT DUE 30 DAYS AFTER COMPLETION OF THIS WORK

**Total** $3,950.00


Bancroft Middle School
Bancroft Ave
1155
1159
Area for topo and underground utility location

GeoTech UTILITY LOCATING 460 Center Street #6873 Moraga, Ca 94570 Ph:510-235-4144 info@geotechlocating.com

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SAN RAMON, CA 94583

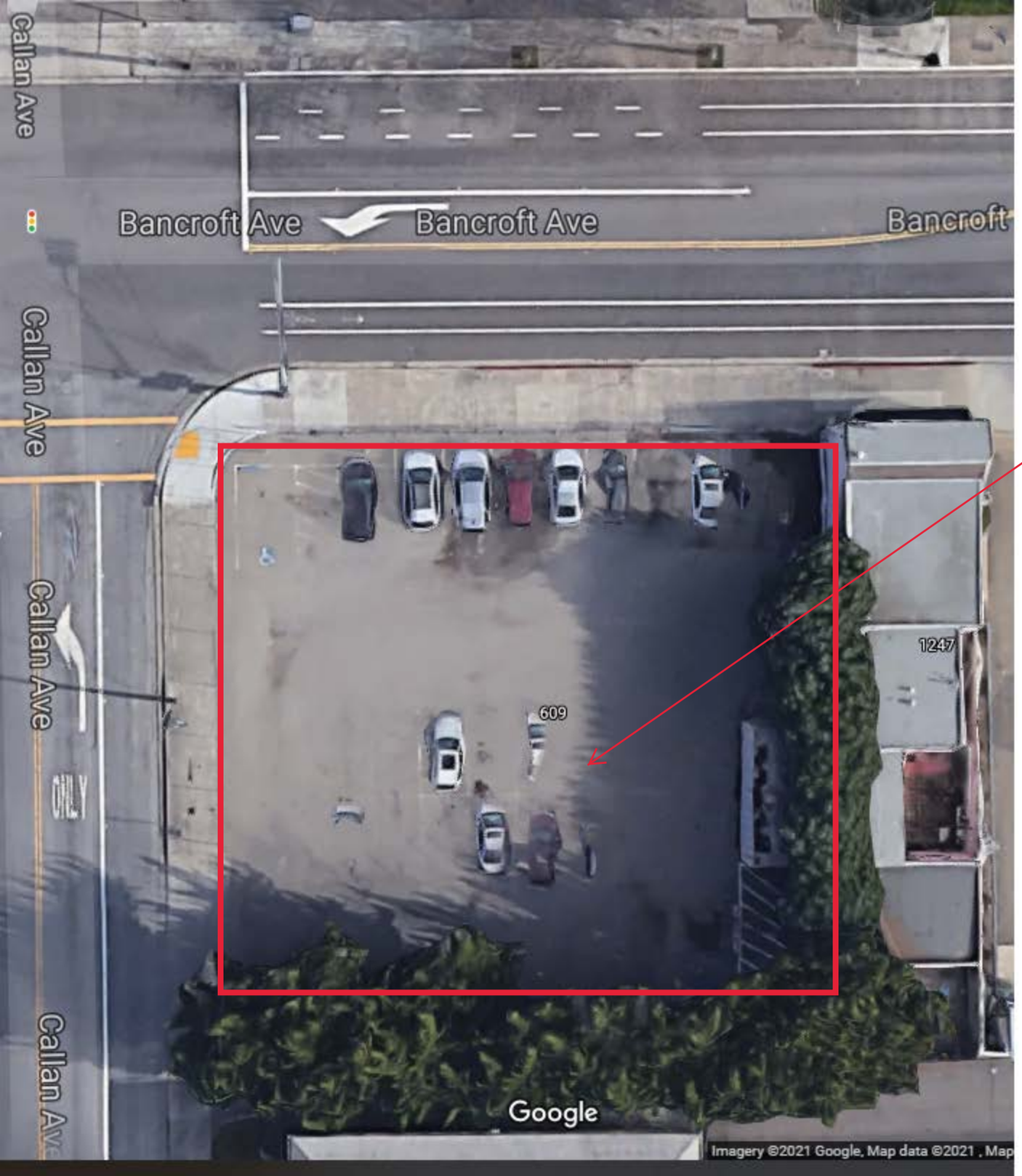
# QUOTATION

| Date | Quotation |
|---|---|
| 9/22/2021 | 6894 |

| Description | RATE |
|---|---|
| PROJECT:<br>Bancroft MS Parking Lot, 1150 Bancroft Ave, San Leandro, CA 94577.<br>SURVEY BOUNDARY:<br>Locate underground utilities inside the existing parking lot as defined by information received on 09-21-2021 via e mail. The attached Google image delineates the proposed survey boundary.<br>INTENTION:<br>We will attempt to locate underground utilities in the survey area, but for technical reasons we cannot guarantee to do so.<br>NOTICE USA:<br>Contractors must call Underground Service Alert (811) 48 hours prior to any underground work.<br>MAKE AVAILABLE:<br>• Any existing utility drawings for the survey area.<br>• Access to areas that require admission for the purpose of tracking and identifying the utilities such as locked utility panels and rooms.<br>• Surface free of interference, such as large metallic objects, cars, debris, excessive vegetation etc.<br>METHOD:<br>Location of utilities will be by electromagnetic field induction.<br>The following is a partial list of equipment typically used to locate detectable utilities:<br>• Radio Detection 7000 transmitter w/ matched receiver<br>• Ground Penetrating Radar (GPR) unit<br>• Fisher TW-6 M-scope - shallow focus metal detector<br>We will visually inspect the surrounding area for evidence of subsurface utilities or other buried features as well as review available subsurface utility drawings.<br>Each identified utility will be investigated using active electromagnetic utility-locating instruments and its surface trace demarcated on the ground using color-coded spray paint.<br>INCLUDES:<br>• Metallic utilities i.e. telephone (except fiber optic), electric, gas and water.<br>• Non-metallic utilities with tracer wire visible.<br>• Sewer and Drain lines with minimum 4" access will be located by inserting a transmitter.<br>RESULT PRESENTATION:<br>Utilities will be marked with spray paint using the American Public Works Association color code.<br>• Electric ---------- Red • Telephone/Comm ------- Orange<br>• Storm/Sanitary ---------- Green • Water/Air ---------- Blue<br>• Gas/Steam/Oil ----------Yellow • Unknown pipes ---------- Pink<br>ACAD PRESENTATION:<br>Utility marks will be collected and plotted onto a drawing provided by client, by layers, in the ACAD format.<br>PRICE:<br>Work as outlined above includes equipment , travel costs and personnel and is offered for the sum of: | 1,950.00 |

SIGNATURE:
PAYMENT DUE 30 DAYS AFTER COMPLETION OF THIS WORK

**Total** $1,950.00




Demo and re-pave approximatley 12,000 sqft over flow parking lot, across from Bancroft Middle School

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2570 SAN RAMON VALLEY BLVD, SUITE A102
SAN RAMON, CA 94583

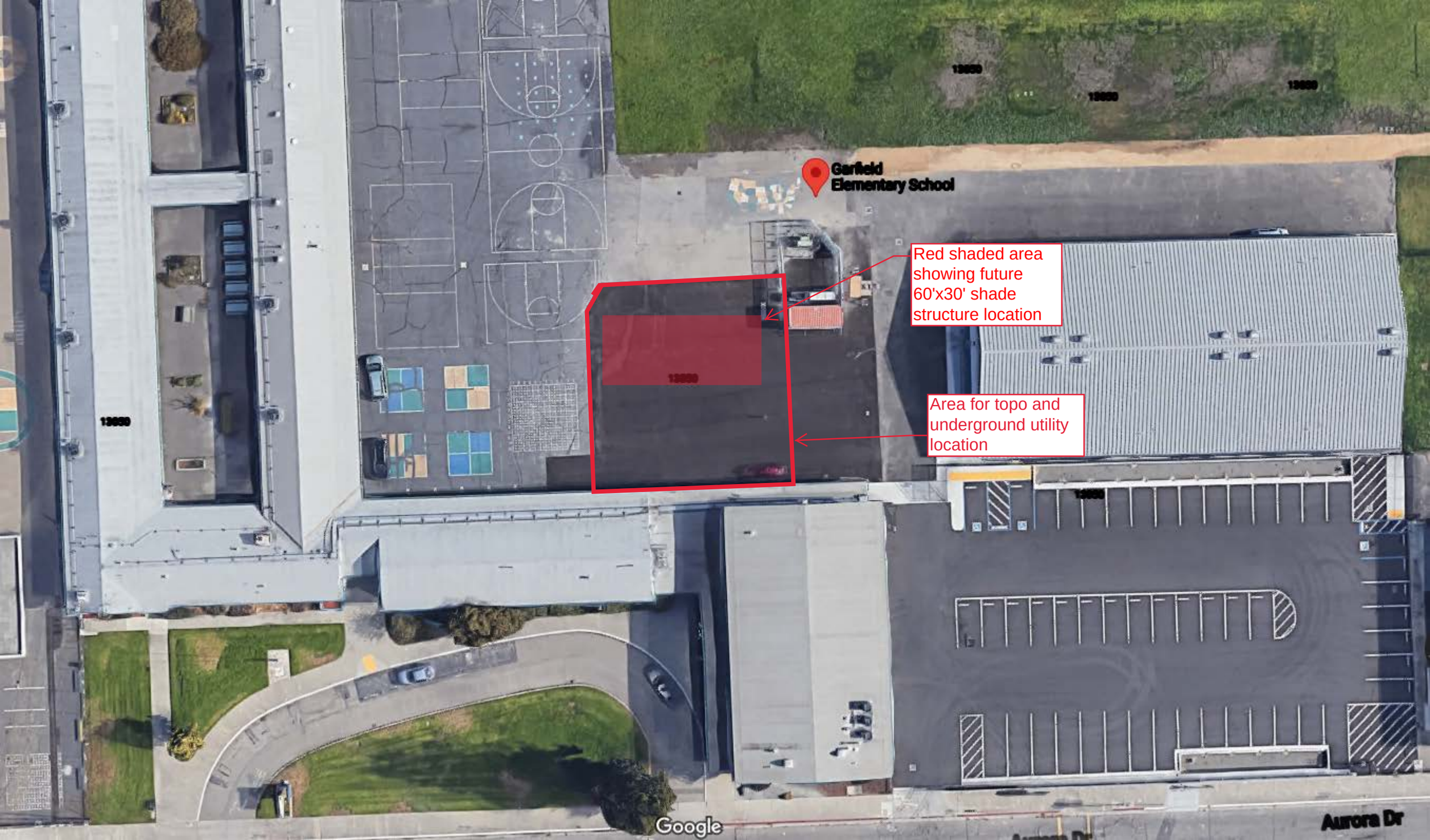
# QUOTATION

| Date | Quotation |
|---|---|
| 9/22/2021 | 6887 |

| Description | RATE |
|---|---|
| PROJECT:<br>Garfield ES, 13050 Aurora Dr, San Leandro, CA 94577<br>SURVEY BOUNDARY:<br>Locate underground utilities around the proposed shade structure location as defined by information received on 09-21-2021 via e mail. The attached Google image delineates the proposed survey boundary.<br>MAKE AVAILABLE:<br>• Any existing utility drawings for the survey area.<br>• Access to areas that require admission for the purpose of tracking and identifying the utilities such as locked utility panels and rooms.<br>• Surface free of interference, such as large metallic objects, cars, debris, excessive vegetation etc.<br>METHOD:<br>Location of utilities will be by electromagnetic field induction.<br>The following is a partial list of equipment typically used to locate detectable utilities:<br>• Radio Detection 7000 transmitter w/ matched receiver<br>• Ground Penetrating Radar (GPR) unit<br>• Fisher TW-6 M-scope - shallow focus metal detector<br>• 512 Hz Sonde.<br>We will visually inspect the surrounding area for evidence of subsurface utilities or other buried features as well as review available subsurface utility drawings.<br>Each identified utility will be investigated using active electromagnetic utility-locating instruments and its surface trace demarcated on the ground using color-coded spray paint.<br>The performance capability of GPR is dependent on the soil electrical conductivity at the site. If the soil conductivity is high,attenuation of the radar signal in the soil can severely restrict the maximum penetration depth of the radar signal.<br>INCLUDES:<br>• Metallic utilities i.e. telephone (except fiber optic), electric, gas and water.<br>• Non-metallic utilities with tracer wire visible.<br>• Sewer and Drain lines with minimum 4" access will be located by inserting a transmitter.<br>RESULT PRESENTATION:<br>Utilities will be marked with spray paint using the American Public Works Association color code.<br>• Electric ---------- Red • Telephone/Comm ------- Orange<br>• Storm/Sanitary ---------- Green • Water/Air ---------- Blue<br>• Gas/Steam/Oil ----------Yellow • Unknown pipes ---------- Pink<br>ACAD PRESENTATION:<br>Utility marks will be collected and plotted onto a drawing provided by client, by layers, in the ACAD format.<br>PRICE:<br>Work as outlined above includes equipment , travel costs and personnel and is offered for the sum of: | 2,450.00 |

SIGNATURE:
PAYMENT DUE 30 DAYS AFTER COMPLETION OF THIS WORK

**Total** $2,450.00


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

GeoTech UTILITY LOCATING 460 Center Street #6873 Moraga, Ca 94570 Ph:510-235-4144 info@geotechlocating.com

**QUOTATION FOR**

GEO-ENGINEERING SOLUTIONS, INC.
ERIC SWENSON
2570 SAN RAMON VALLEY BLVD, SUITE A102
SAN RAMON, CA 94583

# QUOTATION

| Date | Quotation |
|---|---|
| 9/22/2021 | 6889 |

| Description | RATE |
|---|---|
| PROJECT:<br>James Monroe ES, 3750 Monterey Blvd, San Leandro, CA 94578.<br>SURVEY BOUNDARY:<br>Locate underground utilities around the proposed shade structure location as defined by information received on 09-21-2021 via e mail. The attached Google image delineates the proposed survey boundary.<br>INTENTION:<br>We will attempt to locate underground utilities in the survey area, but for technical reasons we cannot guarantee to do so.<br>NOTICE USA:<br>Contractors must call Underground Service Alert (811) 48 hours prior to any underground work.<br>MAKE AVAILABLE:<br>• Any existing utility drawings for the survey area.<br>• Access to areas that require admission for the purpose of tracking and identifying the utilities such as locked utility panels and rooms.<br>• Surface free of interference, such as large metallic objects, cars, debris, excessive vegetation etc.<br>METHOD:<br>Location of utilities will be by electromagnetic field induction.<br>The following is a partial list of equipment typically used to locate detectable utilities:<br>• Radio Detection 7000 transmitter w/ matched receiver<br>• Ground Penetrating Radar (GPR) unit<br>• Fisher TW-6 M-scope - shallow focus metal detector<br>We will visually inspect the surrounding area for evidence of subsurface utilities or other buried features as well as review available subsurface utility drawings.<br>Each identified utility will be investigated using active electromagnetic utility-locating instruments and its surface trace demarcated on the ground using color-coded spray paint.<br>INCLUDES:<br>• Metallic utilities i.e. telephone (except fiber optic), electric, gas and water.<br>• Non-metallic utilities with tracer wire visible.<br>• Sewer and Drain lines with minimum 4" access will be located by inserting a transmitter.<br>RESULT PRESENTATION:<br>Utilities will be marked with spray paint using the American Public Works Association color code.<br>• Electric ---------- Red • Telephone/Comm ------- Orange<br>• Storm/Sanitary ---------- Green • Water/Air ---------- Blue<br>• Gas/Steam/Oil ----------Yellow • Unknown pipes ---------- Pink<br>ACAD PRESENTATION:<br>Utility marks will be collected and plotted onto a drawing provided by client, by layers, in the ACAD format.<br>PRICE:<br>Work as outlined above includes equipment , travel costs and personnel and is offered for the sum of: | 2,450.00 |

SIGNATURE:
PAYMENT DUE 30 DAYS AFTER COMPLETION OF THIS WORK

**Total** $2,450.00


Red shaded area showing future 60'x30' shade structure location
Area for topo and underground utility location
James Monroe Elementary
Google

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**QUOTATION FOR**

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ERIC SWENSON
2570 SAN RAMON VALLEY BLVD, SUITE A102
SAN RAMON, CA 94583

# QUOTATION

| Date | Quotation |
|---|---|
| 9/22/2021 | 6888 |

| Description | RATE |
|---|---|
| PROJECT:<br>James Madison ES, 14751 Juniper St, San Leandro, CA 94579.<br>SURVEY BOUNDARY:<br>Locate underground utilities around the proposed shade structure location as defined by information received on 09-21-2021 via e mail. The attached Google image delineates the proposed survey boundary.<br>MAKE AVAILABLE:<br>• Any existing utility drawings for the survey area.<br>• Access to areas that require admission for the purpose of tracking and identifying the utilities such as locked utility panels and rooms.<br>• Surface free of interference, such as large metallic objects, cars, debris, excessive vegetation etc.<br>METHOD:<br>Location of utilities will be by electromagnetic field induction.<br>The following is a partial list of equipment typically used to locate detectable utilities:<br>• Radio Detection 7000 transmitter w/ matched receiver<br>• Ground Penetrating Radar (GPR) unit<br>• Fisher TW-6 M-scope - shallow focus metal detector<br>• 512 Hz Sonde.<br>We will visually inspect the surrounding area for evidence of subsurface utilities or other buried features as well as review available subsurface utility drawings.<br>Each identified utility will be investigated using active electromagnetic utility-locating instruments and its surface trace demarcated on the ground using color-coded spray paint.<br>The performance capability of GPR is dependent on the soil electrical conductivity at the site. If the soil conductivity is high,attenuation of the radar signal in the soil can severely restrict the maximum penetration depth of the radar signal.<br>INCLUDES:<br>• Metallic utilities i.e. telephone (except fiber optic), electric, gas and water.<br>• Non-metallic utilities with tracer wire visible.<br>• Sewer and Drain lines with minimum 4" access will be located by inserting a transmitter.<br>RESULT PRESENTATION:<br>Utilities will be marked with spray paint using the American Public Works Association color code.<br>• Electric ---------- Red • Telephone/Comm ------- Orange<br>• Storm/Sanitary ---------- Green • Water/Air ---------- Blue<br>• Gas/Steam/Oil ----------Yellow • Unknown pipes ---------- Pink<br>ACAD PRESENTATION:<br>Utility marks will be collected and plotted onto a drawing provided by client, by layers, in the ACAD format.<br>PRICE:<br>Work as outlined above includes equipment , travel costs and personnel and is offered for the sum of: | 2,450.00 |

SIGNATURE:
PAYMENT DUE 30 DAYS AFTER COMPLETION OF THIS WORK

**Total** $2,450.00

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SAN RAMON, CA 94583

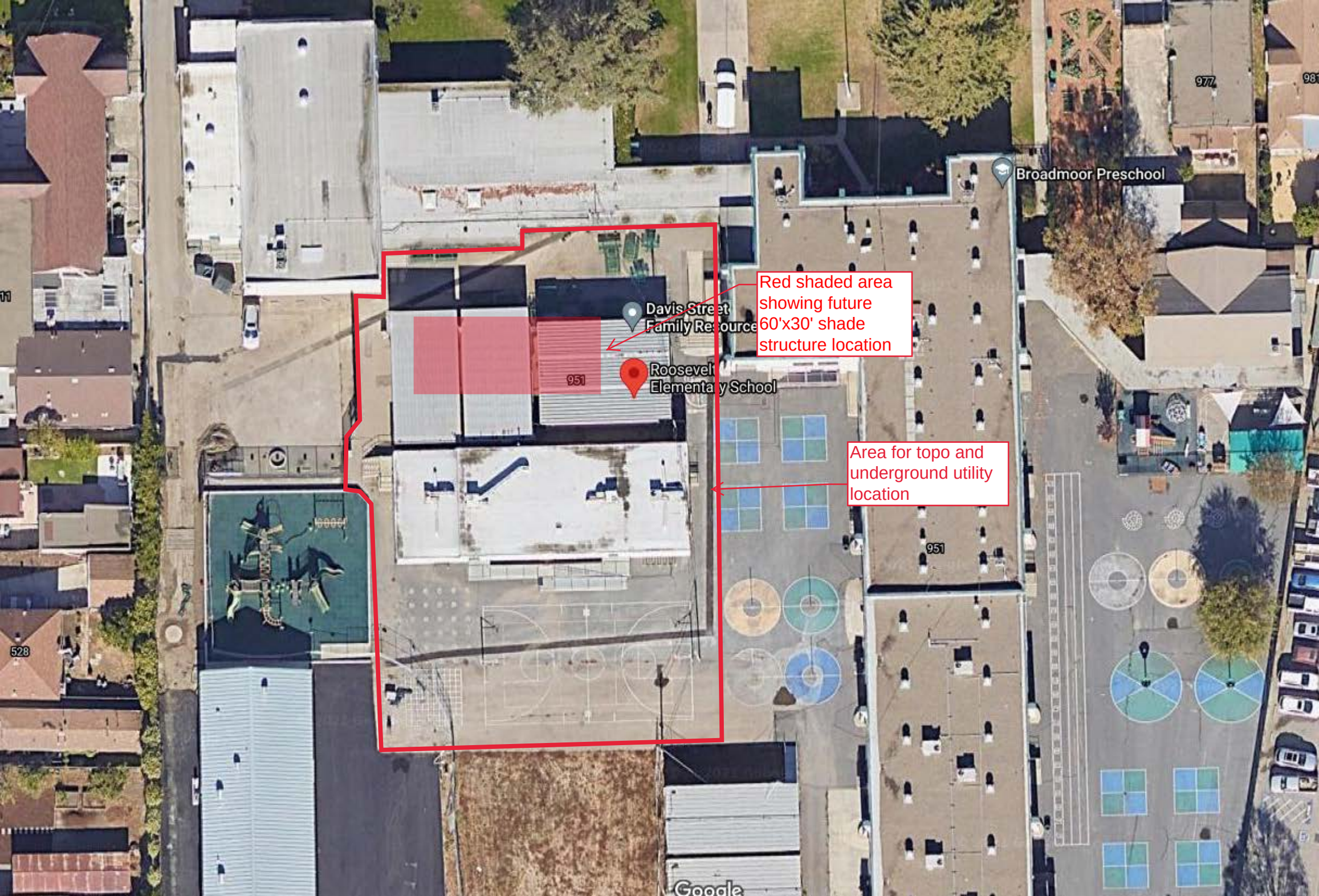
# QUOTATION

| Date | Quotation |
|---|---|
| 9/22/2021 | 6890 |

| Description | RATE |
|---|---|
| PROJECT:<br>Roosevelt ES, 951 Dowling Blvd, San Leandro, CA 94577.<br>SURVEY BOUNDARY:<br>Locate underground utilities inside the project area outlined red as defined by information received on 09-21-2021 via e mail. The attached Google image delineates the proposed survey boundary.<br>INTENTION:<br>We will attempt to locate underground utilities in the survey area, but for technical reasons we cannot guarantee to do so.<br>NOTICE USA:<br>Contractors must call Underground Service Alert (811) 48 hours prior to any underground work.<br>MAKE AVAILABLE:<br>• Any existing utility drawings for the survey area.<br>• Access to areas that require admission for the purpose of tracking and identifying the utilities such as locked utility panels and rooms.<br>• Surface free of interference, such as large metallic objects, cars, debris, excessive vegetation etc.<br>METHOD:<br>Location of utilities will be by electromagnetic field induction.<br>The following is a partial list of equipment typically used to locate detectable utilities:<br>• Radio Detection 7000 transmitter w/ matched receiver<br>• Ground Penetrating Radar (GPR) unit<br>• Fisher TW-6 M-scope - shallow focus metal detector<br>We will visually inspect the surrounding area for evidence of subsurface utilities or other buried features as well as review available subsurface utility drawings.<br>Each identified utility will be investigated using active electromagnetic utility-locating instruments and its surface trace demarcated on the ground using color-coded spray paint.<br>INCLUDES:<br>• Metallic utilities i.e. telephone (except fiber optic), electric, gas and water.<br>• Non-metallic utilities with tracer wire visible.<br>• Sewer and Drain lines with minimum 4" access will be located by inserting a transmitter.<br>RESULT PRESENTATION:<br>Utilities will be marked with spray paint using the American Public Works Association color code.<br>• Electric ---------- Red • Telephone/Comm ------- Orange<br>• Storm/Sanitary ---------- Green • Water/Air ---------- Blue<br>• Gas/Steam/Oil ----------Yellow • Unknown pipes ---------- Pink<br>ACAD PRESENTATION:<br>Utility marks will be collected and plotted onto a drawing provided by client, by layers, in the ACAD format.<br>PRICE:<br>Work as outlined above includes equipment , travel costs and personnel and is offered for the sum of: | 4,950.00 |

SIGNATURE:
PAYMENT DUE 30 DAYS AFTER COMPLETION OF THIS WORK

**Total** $4,950.00


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

GeoTech UTILITY LOCATING 460 Center Street #6873 Moraga, Ca 94570 Ph:510-235-4144 info@geotechlocating.com

**QUOTATION FOR**

GEO-ENGINEERING SOLUTIONS, INC.
ERIC SWENSON
2570 SAN RAMON VALLEY BLVD, SUITE A102
SAN RAMON, CA 94583

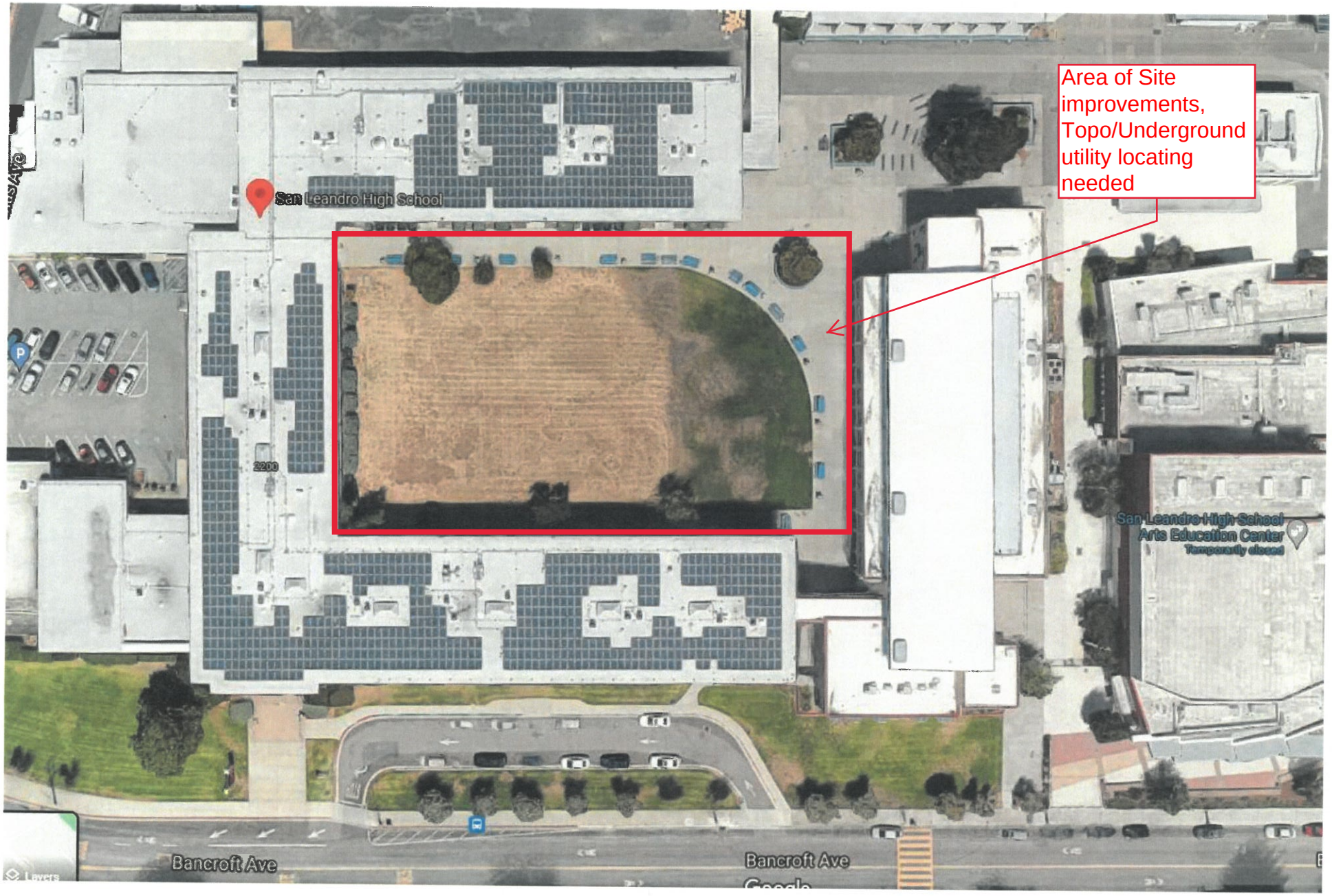
# QUOTATION

| Date | Quotation |
|---|---|
| 9/22/2021 | 6893 |

| Description | RATE |
|---|---|
| PROJECT:<br>San Leandro HS, 2200 Bancroft Ave, San Leandro, CA 94577.<br>SURVEY BOUNDARY:<br>Locate underground utilities inside the project area outlined red as defined by information received on 09-21-2021 via e mail. The attached Google image delineates the proposed survey boundary.<br>INTENTION:<br>We will attempt to locate underground utilities in the survey area, but for technical reasons we cannot guarantee to do so.<br>NOTICE USA:<br>Contractors must call Underground Service Alert (811) 48 hours prior to any underground work.<br>MAKE AVAILABLE:<br>• Any existing utility drawings for the survey area.<br>• Access to areas that require admission for the purpose of tracking and identifying the utilities such as locked utility panels and rooms.<br>• Surface free of interference, such as large metallic objects, cars, debris, excessive vegetation etc.<br>METHOD:<br>Location of utilities will be by electromagnetic field induction.<br>The following is a partial list of equipment typically used to locate detectable utilities:<br>• Radio Detection 7000 transmitter w/ matched receiver<br>• Ground Penetrating Radar (GPR) unit<br>• Fisher TW-6 M-scope - shallow focus metal detector<br>We will visually inspect the surrounding area for evidence of subsurface utilities or other buried features as well as review available subsurface utility drawings.<br>Each identified utility will be investigated using active electromagnetic utility-locating instruments and its surface trace demarcated on the ground using color-coded spray paint.<br>INCLUDES:<br>• Metallic utilities i.e. telephone (except fiber optic), electric, gas and water.<br>• Non-metallic utilities with tracer wire visible.<br>• Sewer and Drain lines with minimum 4" access will be located by inserting a transmitter.<br>RESULT PRESENTATION:<br>Utilities will be marked with spray paint using the American Public Works Association color code.<br>• Electric ---------- Red • Telephone/Comm ------- Orange<br>• Storm/Sanitary ---------- Green • Water/Air ---------- Blue<br>• Gas/Steam/Oil ----------Yellow • Unknown pipes ---------- Pink<br>ACAD PRESENTATION:<br>Utility marks will be collected and plotted onto a drawing provided by client, by layers, in the ACAD format.<br>PRICE:<br>Work as outlined above includes equipment , travel costs and personnel and is offered for the sum of: | 2,950.00 |

SIGNATURE:
PAYMENT DUE 30 DAYS AFTER COMPLETION OF THIS WORK

**Total** $2,950.00


Area of Site improvements, Topo/Underground utility locating needed
San Leandro High School
2200
San Leandro High School Arts Education Center
Temporarily closed
Bancroft Ave
Bancroft Ave

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**QUOTATION FOR**

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ERIC SWENSON
2570 SAN RAMON VALLEY BLVD, SUITE A102
SAN RAMON, CA 94583

# QUOTATION

| Date | Quotation |
|---|---|
| 9/22/2021 | 6891 |

| Description | RATE |
|---|---|
| PROJECT:<br>Washington ES, 250 Dutton Ave, San Leandro, CA 94577<br>SURVEY BOUNDARY:<br>Locate underground utilities inside the project area outlined red as defined by information received on 09-21-2021 via e mail. The attached Google image delineates the proposed survey boundary.<br>INTENTION:<br>We will attempt to locate underground utilities in the survey area, but for technical reasons we cannot guarantee to do so.<br>NOTICE USA:<br>Contractors must call Underground Service Alert (811) 48 hours prior to any underground work.<br>MAKE AVAILABLE:<br>• Any existing utility drawings for the survey area.<br>• Access to areas that require admission for the purpose of tracking and identifying the utilities such as locked utility panels and rooms.<br>• Surface free of interference, such as large metallic objects, cars, debris, excessive vegetation etc.<br>METHOD:<br>Location of utilities will be by electromagnetic field induction.<br>The following is a partial list of equipment typically used to locate detectable utilities:<br>• Radio Detection 7000 transmitter w/ matched receiver<br>• Ground Penetrating Radar (GPR) unit<br>• Fisher TW-6 M-scope - shallow focus metal detector<br>We will visually inspect the surrounding area for evidence of subsurface utilities or other buried features as well as review available subsurface utility drawings.<br>Each identified utility will be investigated using active electromagnetic utility-locating instruments and its surface trace demarcated on the ground using color-coded spray paint.<br>INCLUDES:<br>• Metallic utilities i.e. telephone (except fiber optic), electric, gas and water.<br>• Non-metallic utilities with tracer wire visible.<br>• Sewer and Drain lines with minimum 4" access will be located by inserting a transmitter.<br>RESULT PRESENTATION:<br>Utilities will be marked with spray paint using the American Public Works Association color code.<br>• Electric ---------- Red • Telephone/Comm ------- Orange<br>• Storm/Sanitary ---------- Green • Water/Air ---------- Blue<br>• Gas/Steam/Oil ----------Yellow • Unknown pipes ---------- Pink<br>ACAD PRESENTATION:<br>Utility marks will be collected and plotted onto a drawing provided by client, by layers, in the ACAD format.<br>PRICE:<br>Work as outlined above includes equipment , travel costs and personnel and is offered for the sum of: | 4,950.00 |

SIGNATURE:
PAYMENT DUE 30 DAYS AFTER COMPLETION OF THIS WORK

**Total** $4,950.00


Area for topo and underground utility location
Red shaded area showing future 60'x30' shade structure location
Euclid Ave
Layers
Google

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2570 SAN RAMON VALLEY BLVD, SUITE A102
SAN RAMON, CA 94583

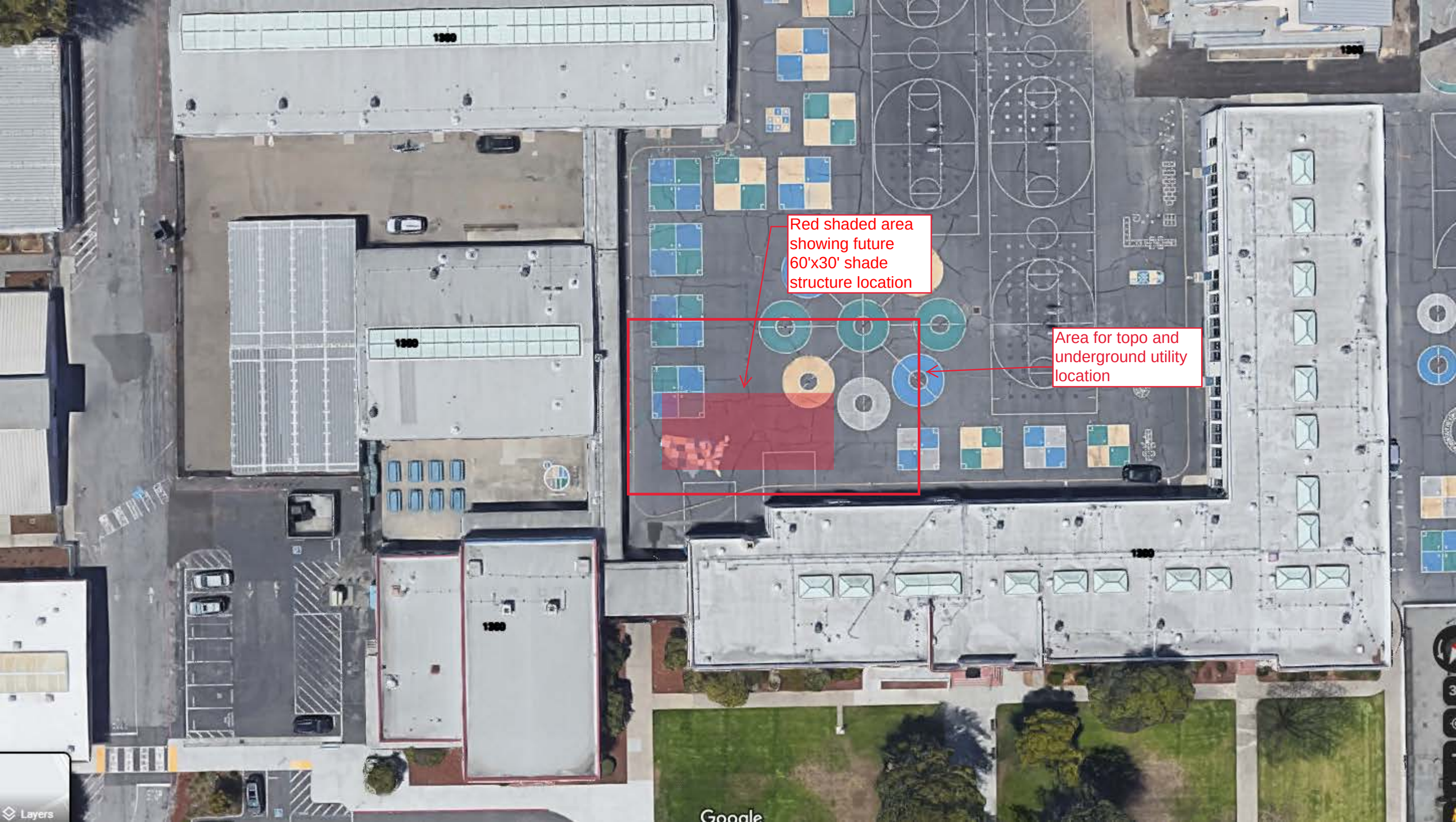
# QUOTATION

| Date | Quotation |
|---|---|
| 9/22/2021 | 6892 |

| Description | RATE |
|---|---|
| PROJECT:<br>Wilson ES, 1300 Williams St, San Leandro, CA 94577<br>SURVEY BOUNDARY:<br>Locate underground utilities around the proposed shade structure location as defined by information received on 09-21-2021 via e mail. The attached Google image delineates the proposed survey boundary.<br>INTENTION:<br>We will attempt to locate underground utilities in the survey area, but for technical reasons we cannot guarantee to do so.<br>NOTICE USA:<br>Contractors must call Underground Service Alert (811) 48 hours prior to any underground work.<br>MAKE AVAILABLE:<br>• Any existing utility drawings for the survey area.<br>• Access to areas that require admission for the purpose of tracking and identifying the utilities such as locked utility panels and rooms.<br>• Surface free of interference, such as large metallic objects, cars, debris, excessive vegetation etc.<br>METHOD:<br>Location of utilities will be by electromagnetic field induction.<br>The following is a partial list of equipment typically used to locate detectable utilities:<br>• Radio Detection 7000 transmitter w/ matched receiver<br>• Ground Penetrating Radar (GPR) unit<br>• Fisher TW-6 M-scope - shallow focus metal detector<br>We will visually inspect the surrounding area for evidence of subsurface utilities or other buried features as well as review available subsurface utility drawings.<br>Each identified utility will be investigated using active electromagnetic utility-locating instruments and its surface trace demarcated on the ground using color-coded spray paint.<br>INCLUDES:<br>• Metallic utilities i.e. telephone (except fiber optic), electric, gas and water.<br>• Non-metallic utilities with tracer wire visible.<br>• Sewer and Drain lines with minimum 4" access will be located by inserting a transmitter.<br>RESULT PRESENTATION:<br>Utilities will be marked with spray paint using the American Public Works Association color code.<br>• Electric ---------- Red • Telephone/Comm ------- Orange<br>• Storm/Sanitary ---------- Green • Water/Air ---------- Blue<br>• Gas/Steam/Oil ----------Yellow • Unknown pipes ---------- Pink<br>ACAD PRESENTATION:<br>Utility marks will be collected and plotted onto a drawing provided by client, by layers, in the ACAD format.<br>PRICE:<br>Work as outlined above includes equipment , travel costs and personnel and is offered for the sum of: | 2,450.00 |

SIGNATURE:
PAYMENT DUE 30 DAYS AFTER COMPLETION OF THIS WORK

**Total** $2,450.00


Red shaded area showing future 60'x30' shade structure location
Area for topo and underground utility location
Layers
Google