

# **BP #21-10: Fire Station #17 Remodel**

**6430 Pony Express Trail, Pollock Pines, CA 95726**

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## **Addendum #2**

**Issued 10/21/2022**

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Owner: El Dorado County Fire Protection District  
4040 Carson Road  
Camino, CA 95709

Construction Manager: American River Construction, Inc.  
5465 Merchant Circle, Suite #1  
Placerville, CA 95667

Architect: John Kristedja Architect  
6288 Butterfield Way  
Placerville, CA 95667

This Addendum has been prepared to clarify, modify, delete, or add to the drawings and/or specifications for the above referenced project, and revisions to items listed here shall supersede description thereof prior to the above stated date. All conditions not specifically referenced here shall remain the same. It is the obligation of the Prime Contractor to make subcontractors aware of any items herein that may affect submitted bids.

Acknowledge receipt of this addendum by inserting its number and date in the bidding documents. Failure to do so may subject bidder to disqualification.

All addenda items refer to the plans and specifications unless specifically noted otherwise.

## **BP #21-10: Fire Station #17 Remodel**

6430 Pony Express Trail, Pollock Pines, CA 95726

### **Addendum #2**

#### **PART A – BIDDING AND CONTRACT REQUIREMENTS**

- 1.1 The bid date has not been changed and remains 11/3/2022 at 2:00 PM.
- 1.2 Advertisement dates: October 12, 2022 & October 26, 2022 (Mountain Democrat's Legal Notices Section).

#### **PART B – TECHNICAL REQUIREMENTS**

(Not Used)

#### **PART C – DRAWINGS**

(Not Used)

#### **PART D – BIDDERS QUESTIONS**

1. Q.) Are more detailed plans for the casework (elevation drawings) available to describe what is desired?
  - A.) Elevation drawings are included on Plan Sheet A4.1. Additional information is also included in the bid docs as follows:
    - Casework Schedule on Plan Sheet A4.2
    - Addendum #1, Part C.
2. Q.) Are specifications for the casework available?
  - A.) Please see the Casework Schedule on Plan Sheet A4.2. The specifications are given as part of that schedule.
3. Q.) When do you anticipate needing to have the casework and countertops installed?
  - A.) The Anticipated Notice to Proceed is 12/05/2022. The Duration of Work is 120 calendar days. More specific information as to date of install would need to come from the General Contractor awarded the contract as that would fall under means and methods.
4. Q.) Is there an Asbestos Survey for this project?
  - A.) Yes. The Hazardous Materials Survey is included as an attachment to this Addendum.

5. Q.) Please provide Division 08 Glazing specifications.
- A.) Glazing specification information:
- Glazing Spec for Door Type 'A':  
Per "DOOR TYPES" on Plan Sheet A4.1 and "REVISED DOOR SPECIFICATIONS" in Addendum #1: Clear Tempered Safety Glazing; sized to fit in door.  
Use ¼" Clear Tempered Safety Glazing Material – CAT II Impact-Rated.  
*Activar, Trulite*, or approved equal.
  - Glazing Spec for Door Type 'C':  
Per "DOOR TYPES" on Plan Sheet A4.1 and "REVISED DOOR SPECIFICATIONS" in Addendum #1: 24"x24" 45 Minute Fire-Rated Safety Wire Glass.  
*WireLite, Protect3*, or approved equal.  
See *WireLite* and *Protect3* product data sheets included as part of this Addendum for two possible products to meet this specification.
  - Glazing **and Window Frame** Spec for Windows:  
Per "WINDOW/GLAZING SCHEDULE" and "NOTES and ABBREVIATIONS" on Plan Sheet A4.1: Clear Tempered Safety Glazing.  
*Timeless Series Windows from Premium Windows and Doors*, match existing, or approved equal.

#### PART E – JOB WALK AGENDA & SIGN IN SHEETS

Please see attached to this Addendum.

# **BP #21-10: Fire Station #17 Remodel**

**6430 Pony Express Trail, Pollock Pines, CA 95726**

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**Hazardous Materials Survey**

**Dated November 09, 2021**

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November 09, 2021

El Dorado County Fire  
Trent Williams  
PO Box 807  
Camino, CA 95709

**SERVICE:**

Asbestos Inspection & Report

**LOCATION | AREA:**

6430 Pony Express Trail, Pollock Pines, CA 95726

**DATE AND TIME:**

November 09, 2021 | 08:50 AM

**CONSULTANT:**

David Acosta

**PURPOSE AND SCOPE OF SERVICES:**

The purpose of this service was to conduct an Asbestos Survey in order to assist the client/owner-operator with determining whether or not Asbestos Containing Construction Materials (ACCM) are present in the planned renovation and/or demolition of the specified areas. A representative number of samples were collected throughout the areas determined to be disturbed and are listed herein.

The inspection was completed according to the EPA's Asbestos National Emission Standard for Hazardous Air Pollutants (NESHAP) Regulations (40 CFR Part 61, Subpart M) and In-Schools Rule; 40 CFR 763.85 (Inspection and Re-Inspection), and local air quality districts where applicable. Currently, EPA regulations classify ACM as materials containing more than (>) 1% of asbestos. Cal-OSHA currently regulates asbestos to 1/10th of 1% (0.1%) and requires that a certified asbestos worker conduct this work.

**ANALYTICAL RESULTS:**

*Based on the samples collected from the site, the areas determined to be disturbed have been deemed free of ACCM. No destructive sampling was conducted during the site visit. If in the course of work, additional suspect building materials are discovered (i.e.: inaccessible areas), the renovation/demolition activities must cease until further sampling is conducted.*

**RESULTS TABLE:**

The inspection and analytical results indicate that there is no ACCM present in the specified areas that are being disturbed. The contractor, his employees and/or his sub-contractors, can complete their work, in the specific areas tested, without any health or safety concerns in regard to the exposure of airborne asbestos fibers.

The location and results from this sampling are as follows:

| Sample ID: | Material                 | Location                                | Results       | Category |
|------------|--------------------------|---|---------------|----------|
| 6430-1     | Acoustic Ceiling Tile    | W. Office Ceiling, Center Area          | None Detected | N/A      |
| 6430-2     | Acoustic Ceiling Tile    | Entertainment Room Ceiling, Center Area | None Detected | N/A      |
| 6430-3A    | Linoleum                 | Medical Supply Room, Multi-color        | None Detected | N/A      |
| 6430-3B    | Mastic                   | Medical Supply Room, Linoleum           | None Detected | N/A      |
| 6430-4     | Texture                  | W. Office at Light Switch               | None Detected | N/A      |
| 6430-5     | Texture                  | Chief's Office at Light Switch          | None Detected | N/A      |
| 6430-6     | Texture                  | Workout Room at Light Switch            | None Detected | N/A      |
| 6430-7     | Texture                  | Kitchen at Light Switch                 | None Detected | N/A      |
| 6430-8     | Texture                  | Entertainment Room at Light Switch      | None Detected | N/A      |
| 6430-9     | Sheetrock-Joint Compound | Kitchen at Light Switch                 | None Detected | N/A      |
| 6430-10    | Sheetrock-Joint Compound | Entertainment Room at Light Switch      | None Detected | N/A      |
| 6430-11    | Cove Base Mastic         | Hallway, E. Wall at Base                | None Detected | N/A      |
| 6430-12    | Carpet Glue              | Workout Room Floor, N. Area             | None Detected | N/A      |

**ASSUMPTIONS AND LIMITATIONS:**

The results, findings, conclusions, and recommendations expressed in this report are based only on conditions that were noted during RegasGroup's inspection of the specific areas listed herein.

The selection of sample locations and frequency of sampling was based on observations and the assumption that like materials in the same area are homogeneous in content. This report is not to be utilized as a bidding document or as a project specification document since it does not have all the components required to serve as an Asbestos Abatement Project Design document or an Asbestos Abatement Work plan.

Our professional services have been performed, our findings obtained, and our conclusions and recommendations prepared in accordance with customary principles and practices in the fields of environmental testing and consulting. This report does not warrant against undiscovered hazards and locations not investigated.

**REGASGROUP**  
ENVIRONMENTAL CONSULTANTS

If you have any questions regarding this report or if I can be of further assistance, please feel free to contact me.

Reviewed and Submitted by:



David Acosta  
Site Surveillance Technician

**RegasGroup**  
Environmental Consultants  
CSST #17-6135  
CDPH #30953  
Mycometer  
MMA-0654-US | MMS-1895-US | BQS-0305-US



Dominick Sager  
Senior Consultant

**RegasGroup**  
Environmental Consultants  
CAC #13-5082  
CDPH #24356  
NV #IM1131  
Mycometer  
MMA-0226-US | MMS-1258-US | BQS-0118-US



**MicroTest Laboratories Inc. NVLAP Code: 200999-0**  
 3110 Gold Canal Dr. Ste. A. Rancho Cordova, CA 95670  
 PH 916.567.9808 | FX 916.404.0302  
 www.microtestlabsinc.com | service@microtestlabsinc.com

**Project ID**  
  
**MT012114661**

**CLIENT INFORMATION**

**Company** RegasGroup  
**Name** Dominick Sager  
**Address** 705 E. Bidwell St. 2-244  
 Folsom CA, 95630  
**Phone** (916) 235 - 3110  
**Email** service@regasgroup

**SAMPLE**

**Date** Tuesday, November 09, 2021  
**Time** 8:50 AM

**JOB SITE INFORMATION**

**Sampler** David Acosta  
**Project** Station 17 Property  
**Address** 6430 Pony Express Trail  
 Pollock Pines, CA 95726

**MicroTest**

**Laboratories**

**Analytical Data**

**POLARIZED LIGHT MICROSCOPY (PLM)**

**EPA METHOD 600 / R-93 / 116 & EPA – 40 CFR Appendix E to Subpart E of Part 763**

| Sample ID | Accession Number | Client Description                      | Laboratory Description                           | Non Fibrous / Fibrous Materials | Asbestiform Minerals % |
|-----------|------------------|---|--|---------------------------------|------------------------|
| 6430-1    | 14661-1          | W. Office Ceiling, Center Area          | Gray/White Ceiling Tile<br>Fibrous<br>Homogenous | 50% Cellulose<br>50% Binder     | None Detected          |
| 6430-2    | 14661-2          | Entertainment Room Ceiling, Center Area | Gray/White Ceiling Tile<br>Fibrous<br>Homogenous | 50% Cellulose<br>50% Binder     | None Detected          |
| 6430-3A   | 14661-3          | Medical Supply Room, Multi-color        | Gray Linoleum<br>Fibrous<br>Heterogenous         | 35% Cellulose<br>65% Binder     | None Detected          |
| 6430-3B   | 14661-4          | Medical Supply Room, Linoleum           | Yellow Mastic<br>Non-Fibrous<br>Homogenous       | 100% Binder                     | None Detected          |
| 6430-4    | 14661-5          | W. Office at Light Switch               | White Texture<br>Non-Fibrous<br>Homogenous       | 100% Binder                     | None Detected          |
| 6430-5    | 14661-6          | Chief's Office at Light Switch          | White Texture<br>Non-Fibrous<br>Homogenous       | 100% Binder                     | None Detected          |
| 6430-6    | 14661-7          | Workout Room at Light Switch            | White Texture<br>Non-Fibrous<br>Homogenous       | 100% Binder                     | None Detected          |

**Report**

**Date** Tuesday, November 09, 2021

**Samples Received: 13**  
**Samples Analyzed: 13**

**Analyst:** Rosey Nagra

**Authorized Signatory:**

Kelly Favero - Lab Manager

This analytical data sheet constitutes a final report. Due to the limitation of Polarized Light Microscopy (PLM), some samples classified as containing no asbestos in materials, NoneDetected (ND), such as floor tiles or like materials, warrant a recommendation for further analysis by Transmission Electron Microscopy (TEM). Results apply to the sample as received. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. All Samples will be held for not less than 30 days, upon which they will then be disposed of. This report shall not be reproduced in full without written authorization from MicroTest Laboratories, Inc. Soil and rock matrices are considered problematic matrices and MicroTest recommends sample homogenization prior to PLM analysis. Thermal decomposition of asbestos fibers can yield non-asbestiform mineral properties. The reporting limit for calibrated visual area estimation quantitation procedures is 1%. The reporting limit for 400/1000 point count quantitation procedures is 0.25% or 0.1% respectively. The sample is considered acceptable unless otherwise noted. Sub-samples are analyzed separately accept when manufactured with multiple layers (i.e. Linoluem, Drywall, etc.) or requested contrarily by the client





**Project ID**  
**MT012114661**

|         |          |                                       |   |                             |               |
|---------|----------|---------------------------------------|---|-----------------------------|---------------|
| 6430-7  | 14661-8  | Kitchen at Light Switch               | White Texture<br>Non-Fibrous<br>Homogenous                  | 100% Binder                 | None Detected |
| 6430-8  | 14661-9  | Entertainment Room at Light<br>Switch | White Texture<br>Non-Fibrous<br>Homogenous                  | 100% Binder                 | None Detected |
| 6430-9  | 14661-10 | Kitchen at Light Switch               | White Sheetrock-Joint Compound<br>Non-Fibrous<br>Homogenous | 100% Binder                 | None Detected |
| 6430-10 | 14661-11 | Entertainment Room at Light<br>Switch | White Sheetrock-Joint Compound<br>Fibrous<br>Heterogenous   | 10% Cellulose<br>90% Binder | None Detected |
| 6430-11 | 14661-12 | Hallway, E. Wall at Base              | White Mastic<br>Non-Fibrous<br>Homogenous                   | 100% Binder                 | None Detected |
| 6430-12 | 14661-13 | Workout Room Floor, N. Area           | Yellow Glue<br>Non-Fibrous<br>Homogenous                    | 100% Binder                 | None Detected |

|               |                            |
|---------------|----------------------------|
| <b>Report</b> |                            |
| <b>Date</b>   | Tuesday, November 09, 2021 |

**Samples Received: 13**  
**Samples Analyzed: 13**

**Analyst:** Rosey Nagra

**Authorized Signatory:**

Kelly Favero - Lab Manager

This analytical data sheet constitutes a final report. Due to the limitation of Polarized Light Microscopy (PLM), some samples classified as containing no asbestos in materials, NoneDetected (ND), such as floor tiles or like materials, warrant a recommendation for further analysis by Transmission Electron Microscopy (TEM). Results apply to the sample as received. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. All Samples will be held for not less than 30 days, upon which they will then be disposed of. This report shall not be reproduced in full without written authorization from MicroTest Laboratories, Inc. Soil and rock matrices are considered problematic matrices and MicroTest recommends sample homogenization prior to PLM analysis. Thermal decomposition of asbestos fibers can yield non-asbestiform mineral properties. The reporting limit for calibrated visual area estimation quantitation procedures is 1%. The reporting limit for 400/1000 point count quantitation procedures is 0.25% or 0.1% respectively. The sample is considered acceptable unless otherwise noted. Sub-samples are analyzed separately accept when manufactured with multiple layers (i.e. Linoluem, Drywall, etc.) or requested contrarily by the client



**CLIENT INFORMATION**

**Company** El Dorado County Fire  
**Name** Trent Williams  
**Address** PO Box 807  
 Camino CA, 95709  
**Phone** (530) 644 - 9630  
**Email** williamst@eldofire.com

**SAMPLE**

**Date** Tuesday, November 09, 2021  
**Time** 08:50 AM

**JOB SITE INFORMATION**

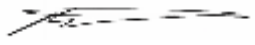

**Site** Station 17 Property  
**Address** 6430 Pony Express Trail  
 Pollock Pines, CA 95726  
**Name**  
**Claim#**  
**Job #** 34199  
**Chain #** 1



**Analysis:** PLM | TTFP - 400PT.CT.  
**Turn Around Time:** Same Day

| Sample Number | Location                                | Description              |
|---------------|---|--------------------------|
| 6430-1        | W. Office Ceiling, Center Area          | Acoustic Ceiling Tile    |
| 6430-2        | Entertainment Room Ceiling, Center Area | Acoustic Ceiling Tile    |
| 6430-3A       | Medical Supply Room, Multi-color        | Linoleum                 |
| 6430-3B       | Medical Supply Room, Linoleum           | Mastic                   |
| 6430-4        | W. Office at Light Switch               | Texture                  |
| 6430-5        | Chief's Office at Light Switch          | Texture                  |
| 6430-6        | Workout Room at Light Switch            | Texture                  |
| 6430-7        | Kitchen at Light Switch                 | Texture                  |
| 6430-8        | Entertainment Room at Light Switch      | Texture                  |
| 6430-9        | Kitchen at Light Switch                 | Sheetrock-Joint Compound |
| 6430-10       | Entertainment Room at Light Switch      | Sheetrock-Joint Compound |
| 6430-11       | Hallway, E. Wall at Base                | Cove Base Mastic         |
| 6430-12       | Workout Room Floor, N. Area             | Carpet Glue              |

|                                 |                  |
|---------------------------------|------------------|
| <b>Relinquished by (Client)</b> | <b>Date/Time</b> |
|                                 |                  |
| <b>Received by (Tech)</b>       | <b>Date/Time</b> |
|                                 |                  |

|   |                        |
|---|------------------------|
| <b>Relinquished by (Tech)</b>   | <b>Date/Time</b>       |
|  | 11/09/2021<br>08:50 AM |
| <b>Received by (Lab)</b>  | <b>Date/Time</b>       |
|  | 11/09/2021<br>11:04 AM |

**Sampler:** David Acosta

Total Number of Samples 13

November 09, 2021

El Dorado County Fire  
Trent Williams  
PO Box 807  
Camino CA, 95709

**SERVICE:**

Lead Inspection & Report

**INSTRUMENT TYPE:**

Heuresis Pb200i

**LOCATION | AREA:**

6430 Pony Express Trail, Pollock Pines, CA 95726

**DATE AND TIME:**

November 09, 2021 | 08:50 AM

**CONSULTANT:**

David Acosta

**PURPOSE AND SCOPE OF SERVICES:**

The purpose of this service was to conduct a Lead Inspection in order to assist the client/owner-operator with determining whether or not Lead Containing Materials (LCM) Lead Based Paint (LBP) are present in planned renovation and/or demolition of the specified areas. A representative number of samples were collected throughout the areas determined to be disturbed and are listed herein.

The samples were collected according to the Housing Urban Development (HUD) Guidelines, the Environmental Protection Agency (EPA) and California Public Health Department, who regulate and require the abatement or in-place management of LCM/LBP hazards equal to or greater than 1.0 milligram per square centimeter (1.0 mg/cm<sup>2</sup>) of lead or more than 0.5% lead by weight. The following regulation shall be adhered to per OSHA 29 CFR 1926.62, California Occupational Safety and Health Standard, Title 8(Cal/OSHA 8 CCR 1532.1).

**ANALYTICAL RESULTS:**

*Based on the samples collected from the site, no lead containing material or lead based paint was found to be present. All work may be conducted by a general contractor without any health and safety concerns to lead exposure. If in the course of work, additional suspect building materials are discovered (i.e.: inaccessible areas), the renovation/demolition activities must cease until further sampling is conducted.*

**RESULTS TABLE:**

The location and results from this sampling are as follows:

| Sample ID: | Sample Location   Description         | Structure | Color | Condition | Lead (mg/cm <sup>2</sup> ) |
|------------|---------------------------------------|-----------|-------|-----------|----------------------------|
| 6430-1L    | Interior Walls, Paint                 | Sheetrock | Multi | N/A       | <LOD                       |
| 6430-2L    | Interior Doors, Frames, & Trim, Paint | Wood      | White | N/A       | <LOD                       |
| 6430-3L    | Interior Window Trim, Paint           | Wood      | White | N/A       | <LOD                       |
| 6430-4L    | Interior Baseboards, Paint            | Wood      | White | N/A       | <LOD                       |
| 6430-5L    | Hallway Floor, Tiles                  | Ceramic   | Tan   | N/A       | <LOD                       |
| 6430-6L    | Kitchen Floor, Tiles                  | Ceramic   | Tan   | N/A       | <LOD                       |

**ASSUMPTIONS AND LIMITATIONS:**

The results, findings, conclusions, and recommendations expressed in this report are based only on conditions that were noted during RegasGroup's inspection of the specific areas noted herein.

The selection of sample locations and frequency of sampling was based on observations and the assumption that like materials in the same area are homogeneous in content. This report is not to be utilized as a bidding document or as a project specification document since it does not have all the components required to serve as a Lead Abatement Project Design document or a Lead Abatement Work plan.

Our professional services have been performed, our findings obtained, and our conclusions and recommendations prepared in accordance with customary principles and practices in the fields of environmental testing and consulting. This report does not warrant against undiscovered hazards and locations not investigated.

If you have any questions regarding this report or if I can be of further assistance, please feel free to contact me.

Reviewed and Submitted by:



David Acosta  
Site Surveillance Technician  
**RegasGroup**  
Environmental Consultants  
CSST #17-6135  
CDPH #30953  
Mycometer  
MMA-0654-US | MMS-1895-US | BQS-0305-US



Dominick Sager  
Senior Consultant  
**RegasGroup**  
Environmental Consultants  
CAC #13-5082  
CDPH #24356  
NV #IM1131  
Mycometer  
MMA-0226-US | MMS-1258-US | BQS-0118-US



**Regas Group Environmental Consultants**  
 705 E. Bidwell St., Suite 2-244, Folsom CA 95630  
 PH 916.235.3110 | FX 916.404.5170  
 www.RegasGroup.com | Service@RegasGroup.com

\*\*\*for office use only\*\*\*

**RG Order**  
**Client ID**  
**Client PO**  
**Project ID**

**CLIENT INFORMATION**

**Company** El Dorado County Fire  
**Name** Trent Williams  
**Address** PO Box 807  
 Camino CA, 95709  
**Phone** (530) 644 - 9630  
**Email** williamst@eldofire.com

**SAMPLE**

**Date** Tuesday, November 09, 2021  
**Time** 08:50 AM

**REGASGROUP**  
**Chain-Of-Custody | Analytical Data**  
 Heuresis Pb200i

**JOB SITE INFORMATION**

**Site** Station 17 Property  
**Address** 6430 Pony Express Trail  
 Pollock Pines, CA 95726  
**Unit**  
**Claim#**  
**Job #** 34199  
**Chain #** 1

|                    |                   |                         |                        |   |
|--------------------|-------------------|-------------------------|------------------------|---|
| <b>TURN AROUND</b> | <b>LEAD PAINT</b> | <b>MEASUREMENT MODE</b> | <b>SAMPLING METHOD</b> | <b>ANALYTICAL DATA</b>  |
| Same Day           | Inspection        | Standard                | Heuresis Pb200i        | Action Level - 1<br>Abatement Level - 1<br>Total Readings - 6 |

| Sample ID: | Sample Location   Description         | Structure Material | Color | Condition | Lead (mg/cm <sup>2</sup> ) |
|------------|---------------------------------------|--------------------|-------|-----------|----------------------------|
| 6430-1L    | Interior Walls, Paint                 | Sheetrock          | Multi | N/A       | <LOD                       |
| 6430-2L    | Interior Doors, Frames, & Trim, Paint | Wood               | White | N/A       | <LOD                       |
| 6430-3L    | Interior Window Trim, Paint           | Wood               | White | N/A       | <LOD                       |
| 6430-4L    | Interior Baseboards, Paint            | Wood               | White | N/A       | <LOD                       |
| 6430-5L    | Hallway Floor, Tiles                  | Ceramic            | Tan   | N/A       | <LOD                       |
| 6430-6L    | Kitchen Floor, Tiles                  | Ceramic            | Tan   | N/A       | <LOD                       |

<LOD Below Limit of Detection | Reading < 0.0

**LCM** Lead Containing Material | Readings Ranging from 0 to < 1.0 mg/cm<sup>2</sup>

**LBP** Lead Based Paint | Readings Greater than 1.0 mg/cm<sup>2</sup>

**ANALYSIS**

|                               |
|-------------------------------|
| <b>Date</b> November 09, 2021 |
| <b>Time</b> 08:50 AM          |

California Dept. of Public Health  
[www.2.epa.gov/lead](http://www.2.epa.gov/lead)



Sampler: David Acosta

Analyst: David Acosta

Total Number of Samples 6

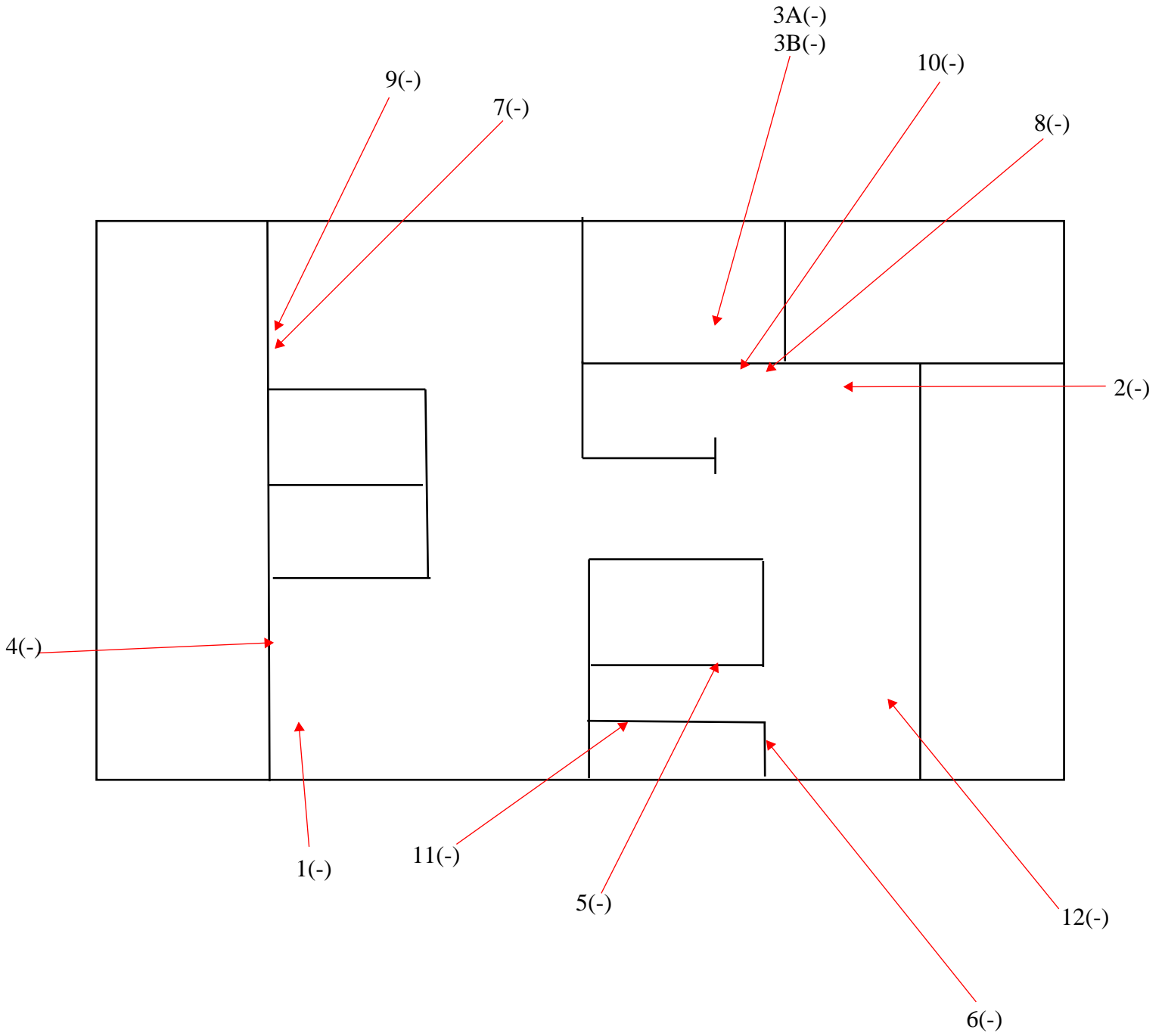
| Relinquished by (Client) | Date/Time |
|--------------------------|-----------|
|                          |           |

| Relinquished by (Tech) | Date/Time              |
|------------------------|------------------------|
|                        | 11/09/2021<br>08:50 AM |

| Received by (Tech) | Date/Time |
|--------------------|-----------|
|                    |           |

| Received by (Lab) | Date/Time              |
|-------------------|------------------------|
|                   | 11/09/2021<br>08:50 AM |

# 6430 Pony Express Trail, Pollock Pines, CA 95726



# **BP #21-10: Fire Station #17 Remodel**

**6430 Pony Express Trail, Pollock Pines, CA 95726**

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## **Glazing**

### **Product Data Sheets**

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**Fire-Rated, Wired Glass**  
**Fire-Rating: 45 Minutes**

WireLite® is a 17/64”(6.8 mm) thick fire-rated glazing material composed of wired glass. It is listed for use in openings that do not require an impact safety rating.

**FEATURES**

- Fire-rated for up to 45 minutes with required hose stream test
- Fits in Fireframes® Designer Series from TGP, or standard fire-rated frames
- Withstands thermal shock
- May be lightly sandblasted or etched on one side without affecting fire rating
- Available as an insulated glass unit
- Available in Diamond Clear, 3/4” pattern (19 mm) and Georgian Clear, 1/2” pattern (12.7 mm)

**Note:** This product is not a barrier to radiant heat, as it does not meet test standards ASTM E119 or UL 263. If your jurisdiction requires a “barrier to heat” product, please contact TGP regarding Pilkington Pyrostop®.

**LISTINGS/STANDARDS**






Classified and labeled by Underwriters Laboratories, Inc.® and Underwriters Laboratories of Canada. File number for labeled fire-rated assemblies is R13377. Tests performed in accordance with:

|        |          |              |            |
|--------|----------|--------------|------------|
| UL 9   | NFPA 257 | CAN/ULC-S104 | LARR 25798 |
| UL 10B |          | CAN/ULC-S106 |            |
| UL 10C |          |              |            |

**MAXIMUM EXPOSED AREA**

| RATING                               | ASSEMBLY         | MAX. EXPOSED AREA  | MAX. WIDTH OF EXPOSED GLAZING | OR | MAX. HEIGHT OF EXPOSED GLAZING |
|--------------------------------------|------------------|--|-------------------------------|----|--------------------------------|
| STANDARD SIZES                       |                  |  |                               |    |                                |
| 45 min.                              | OTHER THAN DOORS | 1,296 in <sup>2</sup> / 9 ft <sup>2</sup><br>(.84 m <sup>2</sup> )   | 54"<br>(1,372 mm)             |    | 54"<br>(1,372 mm)              |
| SIZES WHEN GLAZED WITH PEMKO FG3000™ |                  |  |                               |    |                                |
| 45 min.                              | OTHER THAN DOORS | 4,608 in <sup>2</sup> / 32 ft <sup>2</sup><br>(2.97 m <sup>2</sup> ) | 100"<br>(2,540 mm)            |    | 100"<br>(2,540 mm)             |

Note: Individual lite sizes cannot exceed “Max. Exposed Area” shown above.

-  BIM 3D Model Available
-  UL Classified & Labeled
-  Fire-Rated
-  Hose Stream Tested
-  Positive Pressure Tested



## MAXIMUM SHEET SIZE

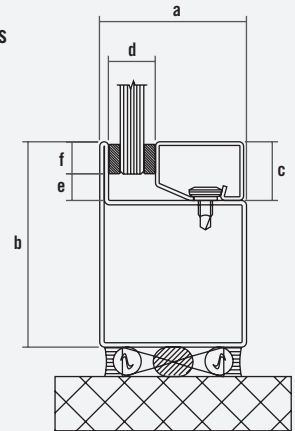
|                       |                                 |                                 |
|-----------------------|---------------------------------|---------------------------------|
| <b>SURFACE FINISH</b> | Diamond                         | Georgian                        |
|                       | 58" x 100"<br>(1.47 m x 2.54 m) | 58" x 100"<br>(1.47 m x 2.54 m) |

## GENERAL CHARACTERISTICS

|                                      |  |
|--------------------------------------|--|
| <b>THICKNESS:</b>                    | Nominal 17/64" (6.8 mm)<br>overall                     |
| <b>WEIGHT:</b>                       | 3.79 lb / ft <sup>2</sup> (18.50 kg / m <sup>2</sup> ) |
| <b>APPROX. VISIBLE TRANSMISSION:</b> | 77%  |
| <b>FIRE RATING:</b>                  | 45 minutes   |

### Detail based on use of Fireframes Designer Series narrow profile framing

|                           |                            |
|---------------------------|----------------------------|
| Glazing Thickness:        | 17/64" nominal<br>(6.8 mm) |
| <b>a. Frame width:</b>    | 2" (51 mm)                 |
| <b>b. Frame height:</b>   | 2-3/4" (70 mm)             |
| <b>c. Stop height:</b>    | 5/8" (typical) (15 mm)     |
| <b>d. Pocket width:</b>   | 9/16 (14.3 mm)             |
| <b>e. Edge clearance:</b> | 1/4" (6.4 mm)              |
| <b>f. Bite:</b>           | 1/2" (12.7 mm)             |



## LABELING

Each piece of WireLite shall be permanently labeled with the WireLite logo, UL logo and fire rating.

## INSTALLATION

WireLite shall be glazed into the appropriate fire-rated framing with an approved glazing compound (pure silicone, closed cell PVC tape, or DAP 33 putty) as supplied by the installer.

For sizes larger than 1,296 in<sup>2</sup> (.84 m<sup>2</sup>) or 54" (1.37 m) in one dimension (noted in the size schedule for standard sizes), WireLite shall be glazed with Pemko FG3000™ as supplied by the installer.

## STORAGE & HANDLING

Inspect each piece of WireLite immediately before installation and eliminate any with observable edge damage or face imperfections. WireLite must be handled with care during transportation, storage, inspection and installation. Store in a dry place.

## FAMILY OF PRODUCTS

TGP offers a complete family of products for all your fire-rated glazing needs, ranging from 20 minute to 3 hour applications. More information is available online at [fireglass.com](http://fireglass.com), or by calling 800.426.0279.

### Fireglass®20

Fire-rated, impact safety-rated glass

### FireLite®

Fire-rated glass ceramic

### FireLite® NT

Fire-rated, impact safety-rated glass ceramic with surface-applied film

### FireLite Plus®

Fire-rated, impact safety-rated glass ceramic

### FireLite® IGU

Fire-rated or fire/impact safety-rated insulated glass units

### Pilkington Pyrostop®

Fire-rated, impact safety-rated transparent wall panels

### WireLite®

Fire-rated, wired glass

### WireLite® NT

Fire-rated, impact safety-rated wired glass with surface-applied film

### Fireframes®

Fire-rated framing & doors for use with all TGP glass products

# PROTECT3™ FIRE-RATED SAFETY WIRE GLASS

Fire, Safety and Security - triple protection all in one

Protect3™ Safety Glass is a 1/4" thick glazing material consisting of fire-rated wire glass with a surface applied fire-rated and impact-safety rated film. Protect3™ is listed and meets all building code requirements for use in doors, sidelites, transoms and borrowed lites. It's an attractive and economical glazing solution for high traffic areas requiring fire-rated glazing - perfect for schools, hospitals, institutions and commercial projects.

## Features:

- Best value! Highest performance / Low cost fire-rated option
- Fully tested and approved - UL Classified and Labeled
- Fire-rated up to 90 minutes with required hose stream test
- Impact-safety rated to ANSI Z97.1 and CPSC 16CFR1201 (Cat. I and II)
- Passes 400 ft-lb impact tests
- Passes air blast testing - minimum Level 3 @ 4.0 PSI
- High quality polished surface and true color rendition
- Embedded wire mesh - Diamond pattern
- Large sizes available: up to 48" x 96"
- Thickness: 1/4" (6.8mm) - Weight: 3.6 lbs/ft<sup>2</sup>



## Listings and Standards:

Listing table when using glazing compound: Pure silicone caulk or Norton V980

| Fire-Rating      | Application    | Max Exposed Area      | Max Exposed Width | Max Exposed Height |
|------------------|----------------|-----------------------|-------------------|--------------------|
| 20 to 45 minutes | Doors, Windows | 1,296 in <sup>2</sup> | 54"               | 54"                |
| up to 90 minutes | Doors          | 100 in <sup>2</sup>   | 12"               | 33"                |

Listing table when using glazing compound: Pemko FG3000

| Fire-Rating      | Application         | Max Exposed Area      | Max Exposed Width | Max Exposed Height |
|------------------|---------------------|-----------------------|-------------------|--------------------|
| up to 45 minutes | Metal Doors         | 2,856 in <sup>2</sup> | 34"               | 84"                |
| up to 90 minutes | Metal Doors         | 552 in <sup>2</sup>   | 12"               | 46"                |
| up to 60 minutes | Wood Doors          | 960 in <sup>2</sup>   | 12"               | 80"                |
| up to 45 minutes | Windows & Sidelites | 4,608 in <sup>2</sup> | 48"               | 96"                |
| up to 45 minutes | Transom Lites       | 3,456 in <sup>2</sup> | 96"               | 36"                |

*Classified and labeled by Underwriters Laboratories, Inc. for the United States and Canada with File-No. R39507 and/or R25738. All fire tests performed in accordance with UL 9, UL10C, UBC 7-2 (1997), UBC 7-4 (1997), NFPA 257, NFPA 80, ASTM E2010-01, ASTM E2074-00, ULC CAN4-S104, and ULC CAN4-S106. Note: This product is not considered a barrier to radiant heat and has not met the ASTM E-119 or UL 263 test standards.*

*Protect3™ is a trademark of Glassopolis Inc.*

# **BP #21-10: Fire Station #17 Remodel**

**6430 Pony Express Trail, Pollock Pines, CA 95726**

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**Job Walk**

**Agenda & Sign-In Sheets**

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# County Fire Station # 17 Remodel Project

(Bid Opens 11/03/2022)

## Mandatory Pre-Bid Meeting

**DATE: 10/20/2022**

**TIME: 2:00 PM**

- 
- |                          |                |
|--------------------------|----------------|
| 1. Team Introductions    | EDC Fire       |
| 2. Management Team Intro | Ron Wood (ARC) |
| 3. Scope of Work         | Ron Wood (ARC) |

Minor remodel of an existing Fire Station. Work to include minor demolition and construction of new, non-bearing, interior walls for re-configured areas; HVAC work to include relocation of diffusers for new wall locations; plumbing work to include fixtures for two new bathrooms, kitchen, and laundry areas and a new on-demand water-heating system; electrical work throughout including new light fixtures and switches; new doors, frames, and hardware; new casework; new signage; parking-lot ADA improvements and resurfacing.

Additive Alternate #1: Clean and seal-coat floor in Apparatus Room. Install in-slab floor drains in Apparatus Room.

See project Plans and Specifications for complete Scope.

***This Job-Walk is for the direct, observational benefit of the individual, bidding companies. No responses to questions posed to the Owner Representatives will be binding. All questions must be submitted in writing (via e-mail to [arcbids@sbcglobal.net](mailto:arcbids@sbcglobal.net)) and will be addressed timely and appropriately.***

4. Bid Schedule:
- a. Question Submission Deadline ..... (By E-mail Only) 10/28/2022
  - b. Response to Questions Deadline ..... (By E-mail Only) 10/31/2022
  - c. Bid Submission Deadline ..... 2:00P.M. on 11/03/2022

In Person:

ATTN: ARC  
Fire Station 17  
6430 Pony Express Trail  
Pollock Pines, CA 95726

- d. Bid Opening ..... Immediately Following Bid Receiving Deadline ..... 11/03/2022

In Person:

Fire Station 17  
6430 Pony Express Trail  
Pollock Pines, CA 95726

- e. Anticipated Notice of Intent to Award: ..... 11/04/2022
- f. Fire Protection District Approval: ..... 11/10/2022
- g. Anticipated Notice to Proceed: ..... 12/05/2022

# County Fire Station # 17 Remodel Project

(Bid Opens 11/03/2022)

Pre-Bid Meeting

Sign-In Sheet

DATE: 10/20/2022

TIME: 2:00 PM

(Please Print)

COMPANY NAME:

BM Builders Inc

LICENSE TYPES:

AB C8, C10, C12, C21, C24, C34

ADDRESS:

11330 Sunrise Park Dr. Ste C

Rancho Cordova, CA ~~95742~~ 95742

PHONE:

(916) 638-8626


FAX:

REPRESENTATIVE:

Alyssa Murray

E-MAIL:

HVAC@bm-builders.com



(SIGNATURE)

# County Fire Station # 17 Remodel Project

(Bid Opens 11/03/2022)

Pre-Bid Meeting

Sign-In Sheet

DATE: 10/20/2022

TIME: 2:00 PM

(Please Print)

COMPANY NAME:

Bobo Construction

LICENSE TYPES:

A+B

ADDRESS:

9722 Kent St, Elk Grove, CA, 95624

PHONE:

916-383-7777

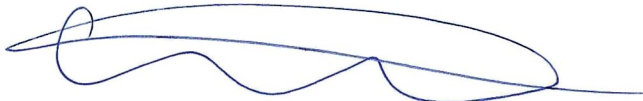
FAX:

REPRESENTATIVE:

Ernan Cuellar

E-MAIL:

bestimating@bobconstructioninc.com



(SIGNATURE)

# County Fire Station # 17 Remodel Project

(Bid Opens 11/03/2022)

Pre-Bid Meeting

Sign-In Sheet

DATE: 10/20/2022

TIME: 2:00 PM

(Please Print)

COMPANY NAME:

CARTER - Kelly, Inc.

LICENSE TYPES:

CLASS B - 407415

ADDRESS:

171 MIDDLETOWN RD.

PLACERVILLE, CA 95667

PHONE:

530-621-0950 / 916-825-4492

FAX:

530-621-2344

REPRESENTATIVE:

GREG WITHERELL

E-MAIL:

ESTIMATING@CARTERKELLY.COM

(SIGNATURE)

# County Fire Station # 17 Remodel Project

(Bid Opens 11/03/2022)

Pre-Bid Meeting

Sign-In Sheet

DATE: 10/20/2022

TIME: 2:00 PM

(Please Print)

COMPANY NAME:

Kaler General Contractors, Inc.

LICENSE TYPES:

B Gen

ADDRESS:

3720 Omec Cir

Rancho Cordova, CA 95742

PHONE:

916 631-7211

FAX:

REPRESENTATIVE:

Jason S / Bill K

E-MAIL:

Jasons@kalerqc.com

Bill Kaler@kalerqc.com

  
\_\_\_\_\_  
(SIGNATURE)



# County Fire Station # 17 Remodel Project

(Bid Opens 11/03/2022)

Pre-Bid Meeting

Sign-In Sheet

DATE: 10/20/2022

TIME: 2:00 PM

(Please Print)

COMPANY NAME:

RBH Construction

LICENSE TYPES:

A, B, C, 46 HAZ

ADDRESS:

2795 E. Bidwell Ste 100-190  
Yolsom CA 95630

PHONE:

916 835 8642

FAX:

X

REPRESENTATIVE:

Jessi Sullivan or Rich Hartman

E-MAIL:

Rich@RBHConstruction.net

Jessi Sullivan

(SIGNATURE)

# County Fire Station # 17 Remodel Project

(Bid Opens 11/03/2022)

Pre-Bid Meeting

Sign-In Sheet

DATE: 10/20/2022

TIME: 2:00 PM

(Please Print)

COMPANY NAME:

Trechege Construction

LICENSE TYPES:

B

ADDRESS:

25687 China Hollow Rd

Auburn Ct 95602

PHONE:

530-308-4303

FAX:

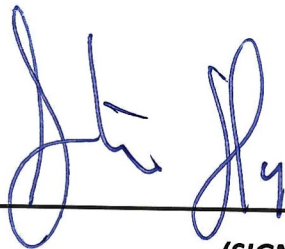
None

REPRESENTATIVE:

Steve Haga

E-MAIL:

trechege@sbbsmail.com



(SIGNATURE)