

December 18, 1996

LF 3042.95-04

Ms. Susan Hugo
Alameda County Health Agency
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502-6577

Subject: Workplan for Demolition and Disposal of the South Brick Wall of the Rifkin Building

Dear Susan:

This letter is submitted on behalf of The Sherwin-Williams Company ("Sherwin-Williams") to present the workplan for demolition of the south block and brick wall ("the Wall") on the Rifkin Property ("Rifkin") in Emeryville, California. Demolition of the Wall will be implemented by Sherwin-Williams prior to demolition of the remainder of the building by Chiron. After demolition of the Wall and building, Sherwin-Williams will construct a barrier wall on the property line consistent with the containment Interim Remedial Measures (IRMs) that have been implemented on the Sherwin-Williams property.

Temporary encapsulation of the Wall prior to demolition by Chiron was also considered as an alternative to selective Wall demolition. This alternative has been rejected since the integrity of temporary encapsulation over the block and brick in the Wall could be compromised during demolition by Chiron. Therefore selective demolition of the Wall is considered the most viable alternative. The following provides the general workplan for the Wall demolition.

General Demolition and Disposal Procedures, South Wall, Rifkin Building

Sherwin-Williams will contract work for the demolition and disposal of the Wall brick and block (leaving the existing columns in place) prior to demolition of the building by the Chiron demolition contractor. Levine-Fricke-Recon Inc. (LFR; formerly Levine-Fricke, Inc. and Recon Environmental) will provide environmental and health and safety oversight, coordinate with appropriate landfill operators, and complete hazardous waste manifests. Based on the sampling data reviewed to date, LFR believes that the brick, block and mortar in the eastern area approximately 107 feet by 6 feet high section (from Rifkin grade up) of the Wall will be classified as hazardous and will be disposed in a Class I landfill. The remainder of the block and brick is expected to be classified as non-hazardous and will be disposed at a Class II landfill, subject to landfill acceptance.

The Sherwin-Williams contractor will:

1. Shore up the wooden roof with 6x6 columns within the western portion of the Wall (approximately 75 feet along the solid brick section) before any demolition begins.

2. In two of the sections between steel beam support columns (bays 2 and 7 see Figure 1), the contractor will remove the clay block down to an elevation of 6 feet (above Rifkin grade) and dispose of materials in Class II landfill.
3. The contractor will install 3 inch by 3 inch angle cross bracing in bays 2 and 7 (below the existing cross bracing), with the angles welded to the columns. This will provide lateral support for the Wall.
4. The contractor will then remove all of the remaining block and brick in the Wall outside of the 107 foot by 6 foot hazardous waste area. These materials are anticipated to be disposed in a Class II landfill.
5. The contractor will next remove the remaining block in bays 2 and 7 (to be disposed at a Class I landfill) to the Rifkin grade level and install 3 inch by 3 inch angle cross bracing to the floor level, welded to the columns.
6. The Contractor will then remove the remaining brick in the other bays to the Rifkin grade level and dispose of this material in a Class I landfill. This will include the removal and disposal of the concrete encasing the 7 columns from the floor level to the height of 6 feet.
7. The loose, contaminated dirt in the area immediately above the Rifkin grade level will then be removed and disposed in a Class I landfill. This area will be encapsulated with shotcrete and the floor will be broom cleaned.
8. After the Chiron contractor has completed building demolition and site cleanup, Sherwin-Williams contractor will install a new 4 inch thick barrier wall (design similar to the previous barrier wall design, see November 7, 1996 workplan submitted to the RWQCB) approximately on the property line. Any portion of the barrier wall that extends onto the former Rifkin property shall be subject to an agreement with Chiron. The barrier wall will be keyed into the Rifkin slab and constructed to the same height as the Sherwin-Williams retaining wall with an impervious liner in between.
9. Finally, the floor slab adjacent to the Wall on Rifkin will be hydroblasted after completion of the work to remove any affected dust and debris that may have collected on the floor slab. Confirmation sampling will also be performed. Any excess water will be collected in drums and transported to the Sherwin-Williams site for treatment in the groundwater treatment system.

The demolition and removal work by the Sherwin-Williams contractor will be conducted in compliance with all regulatory requirements, including dust control and containment, worker protection (level C), with personal monitoring and perimeter air sampling by LFR. ✓

For dust control during demolition, it is anticipated that frequent water spray on the Wall will be implemented when the brick and block materials are being demolished. The air monitoring will verify the effectiveness of the dust control measures.

These alternatives have been presented in order to solicit feedback from the Alameda County Health Agency. We have not evaluated all the details for construction and health and safety for this demolition alternative pending agreement on several legal issues by Chiron. Assuming this alternative is acceptable to Chiron and the Alameda County Health Agency, Sherwin-Williams will proceed with developing more detailed workplans and health and safety procedures for the project.

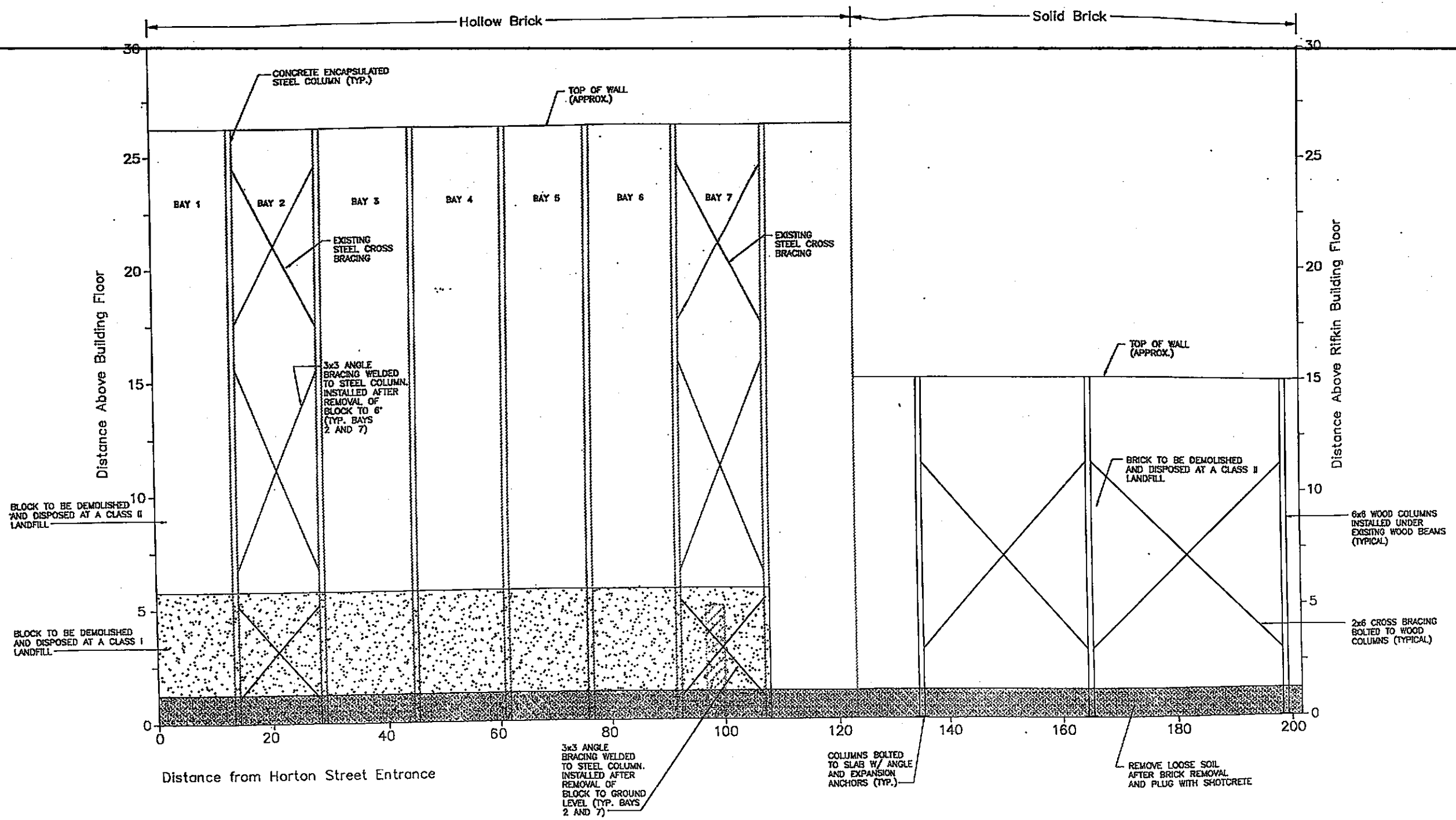
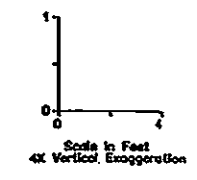
If you have any questions please call Larry Mencin at 216-566-1768, Dave Gustafson at 216-566-3144 or the undersigned.

Sincerely,



Mark D. Knox, P.E.
Principal Engineer

cc: Larry Mencin, Sherwin-Williams
Dave Gustafson, Sherwin-Williams
John Gerulis, Sherwin-Williams
Tom Kalinowski, Erler and Kalinowski
Ric Notini, Chiron



SHERWIN-WILLIAMS
**DEMOLITION PLAN FOR SOUTH
 BRICK WALL AT THE RIFKIN BUILDING**

Levine-Fricke-Recon Figure 1
 Project No. 3042

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