

HOOVER HIGH SCHOOL
BUILDINGS 1000, 2000, 3000, 10,000, 12,000
651 GLENWOOD AVENUE
GLENDALE, CALIFORNIA 91214

WARRANTY EXTENSION

TREMCO NUMBERS
87573 RENEWAL
100070 EXTENSION

TREMCO WARRANTY RENEWAL/EXTENSION SPECIFICATION

SCOPE OF WORK

The work consists of furnishing all labor, materials, equipment, and services as may be necessary to complete the following roof related items necessary for the renewal or extension of the existing Tremco Roof System Warranty as follows:

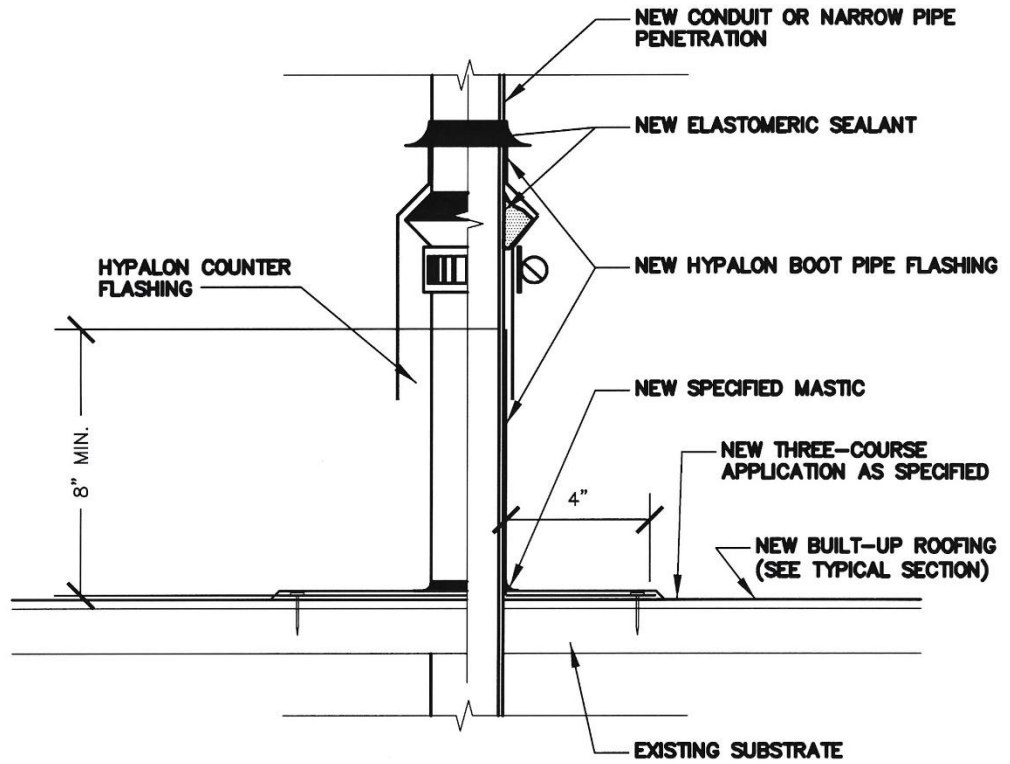
SOLAR PANEL EXTENSION INSTALLATION:

1. Remove all existing gravel from the surface and down to the roof membranes, at least 15 to 18 inches from the base of the Solar Panel Extension.
2. Do not damage existing roof membranes during the removal of the gravel.
3. Cut the roof membranes only one quarter to one half inch larger than the steel base of the extension.
4. Mechanically fasten the Solar Panel Extension per Approved DSA Installation and Solar Panel Installer instructions, included in the Bid Documents.
5. Fill the opening with Low Rise Flow, to the level of the existing roof system
6. Install Tremco PowerPly SA Smooth Membrane to the area, and at least 2 inches beyond the opening.
7. Install Reinforced Hypalon Boot to the Solar Panel Extension.
8. Set the Hypalon into Sheeting Bond.
9. Install an umbrella, with TF-Tape and Clamping to the top of the Extension.
10. Seal the perimeter of the base Hypalon with a five course of Polyroof and Burmesh Membrane, 4 and 6 inch.
11. See Attached Diagram.

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TREMCO.

SHEET TITLE:
HYPALON BOOT FLASHING
CLAMPED

SCALE: NTS
DRAWING No.:
0054

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Preparation

1. Thoroughly clean the roof area to be repaired of all dirt, gravel, and debris, clean roof section of all debris.
2. All cleaned areas to be primed before making repair with Tremco Tremprime WB.

Restoration Items

1. Check all hypalon seams. Seal all seams with a three course of Alpha Guard Bio and Polyester Membrane System. Prime the seams with SP Primer.
2. Check and seal all metal edge lap joints with a five course of Polyroof and Burmesh.
3. Check metal edge and seal with reglet joint sealant.
4. Check roof system for any punctures, blisters, etc. and repair per Tremco standard repair requirements. Repairs to be completed with ELS Mastic and Burmesh Membrane.
5. Seal all coping joints with the Alpha Guard Bio System.
6. Seal the base of all pitch pans with Polyroof and Burmesh Membrane.
7. Seal the pitch pan with Solargard Seam Sealer and membrane at the penetration.
8. Check and seal around all drain rings with Polyroof and Burmesh Membrane.
9. Check and seal all roof penetrations with Polyroof and Burmesh Membrane.

Warranty Renewal: Building 12,000 – Warranty Number 87573

1. Tremco to provide a 10 Year QA Plus Warranty.
 - A. Ten-Year Roofing Warranty: For the restored roof system described in these specifications, the Contractor shall furnish a 10-year Tremco Roofing Warranty Renewal issued by Tremco. Prior to commencing work, the Contractor shall meet all manufacturer's requirements for the warranty including obtaining manufacturer-required accreditation or licenses, or both, and following the manufacturer's approved installation requirements. The Contractor at the conclusion of the work shall secure a Ten (10) year roofing warranty to include roof membrane, and all termination flashing. The provisions of this warranty shall not be less than provisions provided by Tremco Quality Assurance Roof System Guarantee.

Warranty Extension: Buildings 1,000; 2,000; 3,000; 10,000 – Warranty Number 100070

2. Tremco to provide a 5 Year QA Plus Warranty.
 - A. Five-Year Roofing Warranty: For the restored roof system described in these specifications, the Contractor shall furnish a 10-year Tremco Roofing Warranty

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Extension issued by Tremco. Prior to commencing work, the Contractor shall meet all manufacturer's requirements for the warranty including obtaining manufacturer-required accreditation or licenses, or both, and following the manufacturer's approved installation requirements. The Contractor at the conclusion of the work shall secure a Ten (10) year roofing warranty to include roof membrane, and all termination flashing. The provisions of this warranty shall not be less than provisions provided by Tremco Quality Assurance Roof System Guarantee.

2. Technical Service Inspection

- A. Tremco to provide Technical Consulting Service and Inspection for 6 days during the roof restoration at a cost of \$ 750.00 per day to the Contractor.

GENERAL CONDITIONS

1. The contractor shall make the application in a neat and workmanlike manner and be responsible for leaving the area free of debris at the completion of the work.
2. Application of all materials will be in accordance with the Tremco recommendations and any instructions as given by the Tremco Representative at the work site.

Tremco Contact: Mr. William R. Calagna
(800) 282-4343
(818) 429-2584

3. The following materials will be used in performing the work. All requests for changes, substitutions, "or equals" are to be accompanied by complete specification sheets, describing materials and methods of applications. The Glendale Unified School District reserves the right to make the final decision with regard to any material change and/or acceptances.
 - A. Alpha Guard Bio Base Coat
 - B. Alpha Guard Bio Top Coat
 - C. ELS Asphalt Base Mastic
 - D. Permafab Polyester Membrane
 - E. Polyroof Elastomer
 - F. Tremco Tremprime WB
 - G. Primer SP
 - H. Solargard Seam Sealer
 - I. Tremco Burmesh Membrane
4. The contractor shall obtain and pay for all permits, licenses, and all other related fees as

- shall be required for this work.
5. Ten per cent (10%) of the contract amount will be retained by Owner until the final inspection has been made by the Tremco Technical Representative and any punch list items have been completed. Release of retention funds should not be done until notification to do so has been given by the Tremco Representative.
 6. Equipment and storage areas should be scheduled and approved by the District's representative at the site.
 7. All areas around and on the building must be kept well-policed daily as the work proceeds. Deposit all trash and debris into trucks or containers daily. All materials removed, shall be disposed of away from the site.
 8. Deliver all materials in their original containers with seals unbroken and manufacturer's label and product identification clearly legible on each package. Underwriter's Laboratory (U.L.) designation must appear on all labels.
 9. Store all un-containerized materials at the site under cover, maintaining a dry condition until ready for use.
 10. After all preparatory work has been completed, the job area must be inspected by the Tremco Representative on the job site before any application of coatings begins.
 11. Before submission of a bid for this work, the prospective contractor shall have made a careful examination of the project premises and shall be thoroughly familiar with the requirements of the work.
By submitting a bid and entering into a contract for this project, it shall be deemed the contractor has:
 - A. made the aforementioned site examination.
 - B. become familiarized with all conditions and requirements.
 - C. accepted all conditions of the site and these specifications.
 12. The contractor shall confine his operations to the areas to be improved; and to the areas allotted to him by Glendale Unified School District for his operations, and for material and equipment storage.
 13. The contractor shall be responsible and liable for all damages to the property of the District which is caused by the contractor, subcontractors, or employees thereof, during the application phase of specified work and shall, at his own expense repair and/or replace all damaged property to its original condition.
 14. Upon completion of the work, the contractor shall leave all roof surfaces in the adjacent site free from accumulation of dirt and debris and shall also remove all job related soil from walls, windows, floors, ladders and similar aspects of the building.
 15. During the application of materials, the contractor shall have the manufacturer's representative on the job site for periodic inspections accompanied by a representative of the District.
 16. All change orders, additions to, or deletions from the Specifications shall only be by written order. The owner is the sole authority regarding change orders and the contractor shall not change, alter, or delete, in any manner, from these Specifications

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without prior approval.

Restoration of Listed Items:

- A. All restored items to be completed per manufacturer=s listed standard specifications and minimum requirements.