



01.15.09 – 05.11.09

U.S. Growers Cold Storage, Vernon, California, 90048

Manufacture: WeatherWeld

Sq Ft. 104,800

Description:

FC & Sons Roofing, Inc receives a contract to restore the life of the existing built up roof at the Area 4 facilities (U.S. Growers Cold storage, Inc. facilities). As stated on their website, for over a period of 50 years clients from around the world with billions of dollars in products have entrusted their inventories to U.S. Growers Cold Storage, Inc. The Cold storage Company offers state of the art facilities with various storage capabilities frozen, chilled and dry in the city of Vernon, California. The area 4 project totaled 104,800 square feet of a fluid applied seamless composite system which granted a 20 year roofing system.

The roofing specification delivered a complete upgrade of all details and roofing to meet the roofing standards. The project included parapet walls throughout perimeters. The buildings drains were replaced to improve water drainage including leader heads and downspouts; All skylight (26) curbs were removed and new curbs 8" (high) were installed including taper system at ponding areas; the cutting of all blisters and the removal of all abandoned equipment. The finish Weather Weld Seamless Composite membrane has 1.5 times the amount of reinforcement of a 4 ply Built up roof. Over twice the thickness of a single ply membrane and 10 times the tear strength of polyester and emulsion system. The 20 year roof system (white reflective coating) will continue to provide a cool building saving energy which will help cut cost down thru the years to come.





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ROOF SURFACE: PREPARATIONS: INCLUDED THE REMOVAL OF EXISTING METAL COPING AND METAL COUNTER FLASHINGS AROUND THE PERIMETER OF BUILDING. WE BUILT 26 NEW CURBS TO INSTALL NEW SKY LIGHTS AND REINFORCED CURBS TO PREVENT WATER DAMAGE. , AS WELL AS INSTALLED NEW DRAINS, AND DOWNSPOUTS. RELOCATED DRAINS TO LOW SPOTS FOR PROPER WATER DRAINAGE. WE ALSO ADDED OVERFLOW SCUPPER DRAINS. FOLLOWING THE PRESSURE WASHING OF THE EXISTING ROOF (CAP SHEET) MEMBRANE TO ENSURE ADHESION OF NEW ROOFING SYSTEM APPLICATION. PLASTIC WAS INSTALLED TO ALL EQUIPMENT SUCH AS, AIR CONDITIONER UNITS, COMPRESSORS UNITS, ELECTRICAL CONDUIT, EXHAUST UNITS, CONDENSATION LINES, SKYLIGHT WINDOWS WITH FRAMES, ELECTRICAL CONTROL SWITCHES, ROOF HATCHES, AND WALLS OF EXISTING FENCES IN ORDER TO PROTECT CUSTOMER PROPERTY. EXTRA CARE WAS ALSO TAKEN TO PLUG THE DRAINS TO AVOID BEING BLOCK WITH DEBRIS. ALL VALLEYS AND SPLITS WERE REINFORCED WITH EXTRA MEMBRANE.

APPLICATION OF ROOF SYSTEM: THIS APPLICATION OF EMULSION REINFORCED WITH FIBERGLASS TO ENTIRE ROOF SURFACES INCLUDED THE LABORING OF ALL DETAILS SUCH AS: BASE FLASHINGS AND WALLS AND WAS NOT LIMITED TO SUCH DETAILS. AFTER SEAMLESS SYSTEM CURES PREPARATION AND DETAILS FOLLOW. EXAMPLES ARE INSTALLATION OF COUNTER FLASHINGS AT WALLS AND EQUIPMENT, PIPE FLASHINGS INCLUDING BLOCKING, REMOVAL OF PLASTICS AND REINFORCEMENT OF ALL PENETRATIONS TO MEET SPECIFICATIONS STANDARDS AND READY FOR COOL ROOF COATING. AFTER ROOF HAS BEEN PREPARED TO BE CLEAN AND FREE OF MOISTURE AND DEBRIS THE BASE AND TOP COAT OF THE COOL ROOF SYSTEM PROCESS WILL BE APPLIED IN TWO APPLICATIONS TO ALLOW CURING TIME. THEREAFTER, DETAILS SUCH AS MINOR TOUCH UPS AND METAL COPING INSTALLATION WILL FOLLOW ACCORDING TO THE SHEET METAL STANDARDS OR SPECIFICATIONS. WE ALSO REINSTALLED AND REINFORCED EXISTING COPING, AND INSTALLED NEW COUNTER FLASHINGS.

MISCELLANEOUS: (WALK PADS) AT ROOF HATCH AND ALL EQUIPMENT WAS ALSO INSTALLED PER OWNERS REQUEST.

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