



Delta Dental / 11155 International Drive, Rancho Cordova  
.060 mil Firestone TPO Membrane



The existing capsheet surfaced fiberglass Built Up Roof system was installed over gypsum board over a steel deck.

The system failed prematurely as splitting started to occur throughout the system after 10 years. This condition eliminated the potential for restoration.





The roof was replaced with the installation of EPS fanfold insulation installed over the existing capsheet surface followed by the installation of Firestone .060 mil polyester reinforced TPO single ply.

This application provided a Class A Fire Rated system and met the Cool Roof Requirement by the City of Rancho Cordova. Upon completion Firestone completed their inspection and issued a 20 year warranty.



The concrete perimeter walls were clad with AEP Span Kynar Coated Metal panels with a synthetic self adhered underlayment, PTDF wood nailer and metal cap flashing with drive cleat seams that do not require sealant.

This permanent wall system will perform for the life of the building and will allow for replacement or restoration without removal.



The EIFS system above the entry was sealed with a polyester reinforced emulsion system followed by the application of white acrylic coating applied at 3 gal. per 100 sq ft.

This application will permanently protect the EIFS from moisture intrusion.

The owner approved all of the upgrades to reduce maintenance costs, provide long term protection for the Data Center housed under this roof and reduce the interior temperatures which will considerably reduce the energy costs.