

KETCHIKAN GENERAL HOSPITAL

KETCHIKAN, ALASKA



PROJECT SUMMARY

KGH suffered water intrusion through window, stucco, exposed joints and sheet metal transitions soon after a major addition was completed. The water intrusion resulted in mold within the exterior walls and damage to interior finishes.

KGH is the sole hospital facility within a wide region of Southeast Alaska providing trauma services, all emergency care, and support for the cruise ship industry.

The extent of the water entry was extensive, requiring a complete strip and reclad of the building exterior. This invasive repair exposed the interior to construction noise, dust, odors, and the exterior environment.

CHALLENGE

The entire exterior envelope of the building needed to be removed and replaced while keeping the hospital operating through its busiest period of the year.

SOLUTION

The sequence of the work was designed for minimum impact to the hospital and to keep all essential services in operation. False walls were built to wall off the construction and essential services within. The exterior walls were extended past the false walls to keep the rooms and systems functional.

The exterior stucco was replaced with metal panels, window systems were remediated in place, and all sheet metal and expansion joints were redesigned to meet the new cladding requirements. Work was carried out over an eight month period with no interruption in essential services at the hospital.