

HARBOR COURT

HONOLULU, HAWAII



PROJECT SUMMARY

As a part of the overall envelope review, Trinity | ERD was commissioned to review the roof assemblies on the commercial and residential towers.

CHALLENGE

As a result of water entry for a wide variety of reasons, extensive evaluation of the roof assemblies was needed to define an appropriate method of repair. Some roof areas had extensive water damage, whereas other roof areas simply had surface damage requiring protective surfacing.

SOLUTION

Trinity | ERD and the Trinity | ERD laboratory utilized capacitance, infrared, and nuclear, non-destructive testing to map existing conditions. Scopes of Repair were developed for each roof area to address the specific conditions observed. Where adjoining systems (walls and mechanical) were found to be the source(s) of water, repair details were developed to protect the newly repaired roof from later damage.