

DEPARTMENT OF THE ARMY U.S. ARMY CORPS OF ENGINEERS, ENGINEER RESEARCH AND DEVELOPMENT CENTER WATERWAYS EXPERIMENT STATION, 3909 HALLS FERRY ROAD VICKSBURG, MISSISSIPPI 39180-6199

CEERD-ZA

28 January 2022

MEMORANDUM FOR Commander (CEPOD-DE/BG Kirk E. Gibbs), Pacific Ocean Division, U.S. Army Corps of Engineers, 573 Bonney Loop, Building 525, Suite A300, Fort Shafter, HI 96858

(U) SUBJECT: Initial ERDC Assessment of Camp Walker Family Housing Towers 1 and 2 and their Parking Garages

The US Army Engineer Research and Development Center (ERDC) Evaluation Team (the ERDC Team) has evaluated Towers 1 and 2 plus corresponding parking garages at Camp Walker, Daegu, South Korea, to assess the impact of observed cracking in the concrete structures, as initially reported by CEPOF. The ERDC Team has not observed any life safety concerns in Towers 1 and 2 or their connected parking garages. The ERDC Team recommends that on-site personnel continue to conduct regular monitoring for cracking and displacements in the structures and that the CEPOF Team continues to work, as planned, to engage an expert structural forensics consultant to further assess long-term impacts of this cracking on the service life of the structure and to develop remediation plans.

AUTHORITY LINE:

BARTLEY P. DURST, SES Director, Geotechnical and Structures Laboratory

1 Encls The ERDC Team Personnel List

DAVID W. PITTMAN, PE, PhD, SES **ERDC** Director

The US Army Engineer Research and Development Center (ERDC) Evaluation Team Personnel

James L. Davis, Chief Geosciences and Structures Division

M. Jason Roth, PhD, PE, ST Senior Research Scientist

Stanley C. Woodson, PhD, PE, Research Structural Engineer

C. Kennan Crane, PhD, PE Research Civil Engineer

Stephanie G. Wood, PhD Research Structural Engineer

Brian H. Green, RPG, F.ACI Research Geologist

Lucas A. Walshire, PE Research Geotechnical Engineer

Omar Esquilin-Mangual, PE Research Structural Engineer

Jason A. Morson Engineering Technician Justin S. Strickler, Chief Engineering Systems and Materials Division

Robert D. Moser, PhD, SSTM Senior Scientific Technical Manager

James C. Ray, PE Research Structural Engineer

Oliver-Denzil S. Taylor, PhD, PE Research Geotechnical Engineer

William F. Heard, PhD, PE Research Structural Engineer

Bradley W. Foust, PhD, PE Research Structural Engineer

Andrew B. Groeneveld Research Civil Engineer

John M. Hoemann, PE Research Structural Engineer