

Victor Elia P.E., Q.S.D.

VICE PRESIDENT

PROFILE

Mr. Victor Elia offers over 20 years of experience in civil engineering design, including master-planned projects, water and sewer facilities, grading, hydrology, hydraulics, storm drain facilities, detention facilities, and roadways. As Vice President, Victor oversees and reviews the preparation of construction drawings, infrastructure design, analysis, and technical reports associated with various public works projects and land development projects ranging from the small subdivisions to large master-planned communities including commercial and industrial projects. He works closely with the client and the design team to provide the necessary engineering design support on schedule while also developing alternate design solutions for project issues.

EDUCATION

Bachelors of Science, Civil Engineering

California State Polytechnic
University
San Louis Obispo, CA, USA

REGISTRATION

Professional Engineer

Civil, No. 64803, California

CONTACT

(951) 734-2130 Ext. 220

(951) 847-6750

victor.elia@kwceengineers.com

www.kwceengineers.com

41391 Kalmia Street, Suite 320
Murrieta, CA 92563

PROJECT EXPERIENCE

ALBERHILL VILLAGES SPECIFIC PLAN & EIR - 2010-2017

CASTLE & COOK
CITY OF LAKE ELSINORE

Victor has been the co-project manager for the recently approved Alberhill Villages Specific Plan (AVSP) EIR since 2010. Lake Elsinore City Council approved AVSP in March 2017. This project entails: 1,400 acres consisting of 8,024 residential units and over 1,000,000 sf of commercial space. Victor worked closely with The Planning Associates to complete this large scaled EIR and SP. Victor performed engineering analysis of existing hydrology watersheds tributary to the site in Lake Elsinore for future land development purposes. Preparation of Unit Hydrograph, hydrology studies, hydraulic analysis for pipe sizing, and detention analysis for detention and debris basins as well as Conceptual WQMP was prepared directly by Victor and his team. Project also included very detailed water and sewer studies approved by EVMWD and incorporated into the EIR Utility sections. Victor was presented the prize for the EIR of Large Master Plan Projects of 2016 by the American Planning Association of the Inland Empire.

ESPERANZA HILLS SPECIFIC PLAN & EIR - 2010-2017

ESPERANZA HILLS, LLC
COUNTY OF ORANGE

Victor has been the co-project manager for the Esperanza Hills Specific Plan and EIR since 2010 which was approved by County of Orange Board of Supervisors on May 9, 2017. This project entails: over 460 acres with 340 hillside residential lots and two (2) custom estates lots in the hills of Yorba Linda. Victor worked closely with CAA Planning to complete this large scaled EIR and SP. Victor performed engineering analysis of existing hydrology watersheds tributary to the site, Unit Hydrograph analysis, hydrology studies, and detention analysis for detention and debris basins as well as Conceptual WQMP. The project also included very detailed water and sewer studies approved by Yorba Linda Water District and incorporated into the EIR Utility sections.

COSTA MESA INITIAL STUDY / MITIGATED NEGATIVE DECLARATION - 2016

FIRST CARBON SOLUTIONS
CITY OF COSTA MESA

KWC teamed with First Carbon Solutions to prepare an Initial Study / Mitigated Negative Declaration for a 1.66-acre parcel in the Neighborhood Commercial land use designation developed with an approximately 20,000 sf two-story commercial / office building and surface parking lot. Victor oversaw the review of the technical hydrology and water quality (WQMP) studies associated with the IS/ MND environmental submittal prepared.