DATE: 2.26.20

TO: City Clerk

FROM: City Representative Cassandra Hernandez

ADDRESS: 300 N. Campbell TELEPHONE 915.212.0003

Please place the following item on the (Check one): CONSENT X REGULAR

Agenda for the Council Meeting of 03.03.20

Item should read as follows: Appointment of Isaac Rodriguez to the Zoning Board of Adjustments by Representative Cassandra Hernandez, District #3

BOARD COMMITTEE/COMMISSION APPOINTMENT/REAPPOINTMENT FORM

NAME OF BOARD/COMMITTEE/COMMISSION: Zoning Board of Adjustments

NOMINATED BY: City Representative Cassandra Hernandez DISTRICT: 3

NAME OF APPOINTEE Isaac Rodriguez
(Please verify correct spelling of name)

E-MAIL ADDRESS: N/A

BUSINESS ADDRESS: N/A

CITY: N/A ST: N/A ZIP: N/A PHONE: N/A

HOME ADDRESS: N/A

CITY: N/A ST: N/A ZIP: N/A PHONE: N/A

DOES THE PROPOSED APPOINTEE HAVE A RELATIVE WORKING FOR THE CITY? **YES:** ____ **NO** X
IF SO, PLEASE PROVIDE HIS OR HER NAME, CITY POSITION AND RELATIONSHIP TO THE PROPOSED APPOINTEE: N/A
HAS APPOINTEE BEEN A MEMBER OF OTHER CITY BOARDS/COMMISSIONS/COMMITTES? IF SO, PLEASE PROVIDE NAMES AND DATES: NO
LIST ALL REAL ESTATE OWNED BY APPOINTEE IN EL PASO COUNTY (BY ADDRESS): N/A

WHO WAS THE LAST PERSON TO HAVE HELD THIS POSITION BEFORE IT BECAME VACANT?

NAME OF INCUMBENT: Bailey Eiland

EXPIRATION DATE OF INCUMBENT: 9.30.19

REASON PERSON IS NO LONGER IN OFFICE (CHECK ONE): TERM EXPIRED: ____
RESIGNED X
REMOVED ____

DATE OF APPOINTMENT: 3.03.20

TERM BEGINS ON : 1.21.20

EXPIRATION DATE OF NEW APPOINTEE: 9.30.21

PLEASE CHECK ONE OF THE FOLLOWING: 1st TERM: X

2nd TERM: ____

UNEXPIRED TERM: ____

Isaac Rodriguez

Education

BS- Civil Engineering, University of Texas El Paso, 2010

Boards Served

Texas Society of Professional Engineers: Vice President 2019-2020

Paseo Del Este MUD 4: Board Member

Isaac Rodriguez has over 14 years of civil engineering related experience. Project experience includes commercial and residential grading and drainage design, development of residential subdivisions to include land use planning, platting and design. His experience also includes water distribution system design, hydraulic modeling of storm water systems and wastewater collection systems, design of pumps, and pipe design for water, wastewater, and storm water systems. He has been involved in wastewater treatment plant startup and assists clients in troubleshooting existing plants to resolve issues or optimize the performance of the facilities.

H_2O Terra utilizes his background in civil engineering and experience in storm water, water and wastewater treatment to assist in the design and construction of various projects. Mr. Rodriguez has extensive experience in dealing with and designing per local, state, federal and regulatory agencies such as the U.S. Army Corps of Engineers (USACE), Texas Department of Transportation (TxDOT), Texas Commission on Environmental Quality (TCEQ), City of El Paso, Paseo Del Este MUD, (PDEMUD), and the County of El Paso. He has developed numerous engineering drawings and technical reports in accordance with project requirements to obtain permits in accordance with the pertinent regulatory agency. The following project descriptions highlight the water, wastewater and storm water experience for Mr. Rodriguez.

Secondary Membrane Treatment of Reverse Osmosis, El Paso, TX Provided Engineering design for site civil and pipe layout. The primary objective of this project is to provide, at a minimum, an additional 300 acre-feet per year of potable water through the design and construction of three Concentrate Enhanced Recovery Reverse Osmosis (CERRO) units at three Lower Valley Wellhead Reverse Osmosis Unit locations. This project won the Gold Medal at the ACEC EEA awards 2020.

Haskell R. Street W.W.T.P. Digesters 1,2,3, &4, Heating System Upgrades, El Paso, TX - Provided Engineering design of the mixing and heating system improvements at the HSWWTP to include the replacement of 2 existing hot water boilers in duty/standby arrangement. The project also included the installation of 2 new primary hot water loop circulation pumps in duty/standby arrangement, replacement of 4 existing sludge heat exchangers, each serving a single digester; Replacement of 8 existing hot water circulation pumps, 2 each in duty/standby arrangement serving each heat exchanger; replacement of 4 existing sludge circulation pumps - one each for Heat Exchanger Nos. 2 and 3, two each (one duty and one standby) for Heat Exchanger Nos. 1 and 4; installation of temperature transmitters on inlet and outlet of both hot water and sludge sides of each heat exchanger, and inside each digester; installation of three-way valves on secondary hot water loops for temperature control; modification of primary hot water loop piping to accommodate new primary loop circulation pumps; modification of digester sludge feed line piping to route all feed sludge to heat exchangers prior to introduction into digesters; modify digester gas piping that feeds the existing engine generator to provide alternative fuel source for new boilers. Produced deliverable project drawings and provided construction management support.

H2 Terra
ENGINEERING. SURVEYING. SOLUTIONS.

Isaac Rodriguez

Enchanted Hills Unit Three, El Paso, TX – Prepared the detailed engineering plans for the stormwater system and control basins for this 184-acre development with 384 single family residential lots in NW El Paso. Design included 2,780 lf of RCP storm drain, ranging in diameter from 24-inch to 42-inch, to convey flow from the improved streets to the one of the three designed basins (12, 14 and 16 ac-ft) located in the existing arroyos. Additionally, 3,000 lf of RCP (48-in through 60-in) was designed to carry water below the roadway crossings. Critical to design of this development was to ensure that the downstream I-10 crossing did not experience flooding conditions. Four miles of residential sub collectors and one mile of arterial streets were designed to adequately provide egress and ingress to the lots. Produced deliverable project drawings and provided construction management support. The project was completed in 2015.

Sierra Del Puerte Unit Three, El Paso, TX - Prepared the detailed engineering plans for a 34-lot subdivision located in NE El Paso within the Mountain Development Zoning District of the City of El Paso. Mr. Rodriguez prepared the detailed engineering plans for the stormwater system to include 800 lf of 18-inch -42-inch conduit with discharge into the Ft. Bliss Channel. The plans included a wastewater collection system and water distribution system as well as 2000 linear feet of road way design per Mountain Development Standards. The subdivisions close proximity to the Sun Rise Dam required approval by and coordination with the US Army Corp of Engineers. The stringent Mountain Development Standards required continuous coordination and communication with the City of El Paso and the EPW Engineering Staff.

Peyton Estates, El Paso, TX- Prepared the detailed engineering plans for the stormwater system and retention basins for this 240-acre development with 1,200 single family residential lots in far East El Paso. The development was divided into four units and included 3,800 Lf of RCP storm drain, ranging in diameter from 24-inch to 42-inch, to convey flow from the improved streets to the one of the five designed retention basins. Additionally, the plans included a wastewater collection system and water distribution system as well as 6 miles of residential sub collectors and two miles of arterial streets (Rojas and Peyton Drive). The subdivisions are located within the El Paso's five-mile ETJ and required approval by and coordination with the County of El Paso and the Paseo Del Este Municipal Utility District. Two of the units (Units 4 and 5) are currently under construction, the other two (Units 7 and 8) are under review by the regulatory agencies.

Dallas Street Stormwater Pump Station Phase II -Evaluation, El Paso, TX – Worked with EPWU on The Dallas Street Stormwater Pump Station Phase II Evaluation Basis of Design Report. The purpose of the report was to find a feasible solution to alleviate flooding near the Dallas Detention Basin. The Basis of design report was based on an H&H model conducted using HEC-HMS. The study presented the results of the hydrologic and hydraulic computer modeling of the entire watershed similar to those required for a CLOMR and LOMR study and included recommendations for a proposed basin and pertinent structure improvements.