

#### This file contains the following documents:

- 1. Summary of application (in plain language)
  - English
  - Alternative Language (Spanish)
- 2. First Notice (NORI-Notice of Receipt of Application and Intent to Obtain a Permit)
  - English
  - Alternative Language (Spanish)
- 3. Application materials



#### Este archivo contiene los siguientes documentos:

- 1. Resumen en lenguaje sencillo (PLS, por sus siglas en inglés) de la actividad propuesta
  - Inglés
  - Idioma alternativo (español)
- 2. Primer aviso (NORI, por sus siglas en inglés)
  - Inglés
  - Idioma alternativo (español)
- 3. Solicitud original

# TCEQ

#### TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

## PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

## Plain Language Summary Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

Applicants should use this template to develop a plain language summary as required by Title 30, Texas Administrative Code (30 TAC), Chapter 39, Subchapter H. Applicants may modify the template as necessary to accurately describe their facility as long as the summary includes the following information: (1) the function of the proposed plant or facility; (2) the expected output of the proposed plant or facility; (3) the expected pollutants that may be emitted or discharged by the proposed plant or facility; and (4) how the applicant will control those pollutants, so that the proposed plant will not have an adverse impact on human health or the environment.

Fill in the highlighted areas below to describe your facility and application in plain language. Instructions and examples are provided below. Make any other edits necessary to improve readability or grammar and to comply with the rule requirements.

If you are subject to the alternative language notice requirements in 30 TAC Section 39.426, you must provide a translated copy of the completed plain language summary in the appropriate alternative language as part of your application package. For your convenience, a Spanish template has been provided below.

### ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS Enter 'INDUSTRIAL' or 'DOMESTIC' here WASTEWATER/STORMWATER

The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 TAC Chapter 39. The information provided in this summary may change during the technical review of the application and is not a federal enforceable representation of the permit application.

The Lower Valley Water District (CN# 600630396) operates the Cuadrilla (RN #101185676), a Wastewater Treatment Plant. The facility is located at 314 Cuadrilla Rd, in Fabens, El Paso County, Texas 79836. The district is requesting a new TPDES permit for the discharge of 4,990 gpd (maximum daily flow) of treated effluent.

Discharges from the facility are expected to contain BOD, CBOD, pH, COD, TSS, Ammonia-N, Nitrate-N, Total Nitrogen, FOG, Phosphorous, Fecal Coliform, Dissolved Oxygen and Turbidity. The domestic wastewater is treated by a Bioclere treatment equipment, which includes a 10,000 gallon FRP primary/equalization tank, a flow equalization assembly, a lift station, a 20,000 gallon FRP effluent tank and a chlorine disinfection system.

PLANTILLA EN ESPAÑOL PARA SOLICITUDES NUEVAS/RENOVACIONES/ENMIENDAS DE TPDES o TLAP

#### AGUAS RESIDUALES Introduzca 'INDUSTRIALES' o 'DOMÉSTICAS' aquí /AGUAS PLUVIALES

El siguiente resumen se proporciona para esta solicitud de permiso de calidad del agua pendiente que está siendo revisada por la Comisión de Calidad Ambiental de Texas según lo requerido por el Capítulo 39 del Código Administrativo de Texas 30. La información proporcionada en este resumen puede cambiar durante la revisión técnica de la solicitud y no es una representación ejecutiva fedérale de la solicitud de permiso.

Lower Valley Water District (CN# 600630396) opera la planta Cuadrilla (RN# 101185676), una planta de tratamiento de aguas residuales. La instalación está ubicada en el 314 Cuadrilla , en Fabens, Condado de El Paso, Texas 79836. El Distrito esta solicitando un nuevo permiso TPDES para la descarga de 4,990 galones por dia (flujo maximo diario) de efluente tratado.

Se espera que las descargas de la instalación contengan DBO, DBOC, pH, DQO, SST, Amoniaco-N, Nitrato-N, Nitrogeno Total, Grasas y Aceites (FOG), Fosforo, Coliformes Fecales, Oxigeni Disuelto y Turbidez. El agua domestica residual. están tratado por un equipo Bioclere, que incluye un tanque primario/de ecualización de 10,000 galones de FRP, un conjunto de ecualización de flujo, una estación de bombeo, un tanque fe efluente de FRP de 20,000 galones y un Sistema de desinfección con cloro.

#### **INSTRUCTIONS**

- 1. Enter the name of applicant in this section. The applicant name should match the name associated with the customer number.
- 2. Enter the Customer Number in this section. Each Individual or Organization is issued a unique 11-digit identification number called a CN (e.g. CN123456789).
- 3. Choose "operates" in this section for existing facility applications or choose "proposes to operate" for new facility applications.
- 4. Enter the name of the facility in this section. The facility name should match the name associated with the regulated entity number.
- 5. Enter the Regulated Entity number in this section. Each site location is issued a unique 11-digit identification number called an RN (e.g. RN123456789).
- 6. Choose the appropriate article (a or an) to complete the sentence.
- 7. Enter a description of the facility in this section. For example: steam electric generating facility, nitrogenous fertilizer manufacturing facility, etc.
- 8. Choose "is" for an existing facility or "will be" for a new facility.
- 9. Enter the location of the facility in this section.
- 10. Enter the City nearest the facility in this section.
- 11. Enter the County nearest the facility in this section.
- 12. Enter the zip code for the facility address in this section.
- 13. Enter a summary of the application request in this section. For example: renewal to discharge 25,000 gallons per day of treated domestic wastewater, new application to discharge process wastewater and stormwater on an intermittent and flow-variable basis, or major amendment to reduce monitoring frequency for pH, etc. If more than one outfall is included in the application, provide applicable information for each individual outfall.
- 14. List all pollutants expected in the discharge from this facility in this section. If applicable, refer to the pollutants from any federal numeric effluent limitations that apply to your facility.
- 15. Enter the discharge types from your facility in this section (e.g., stormwater, process wastewater, once through cooling water, etc.)
- 16. Choose the appropriate verb tense to complete the sentence.
- 17. Enter a description of the wastewater treatment used at your facility. Include a description of each process, starting with initial treatment and finishing with the outfall/point of disposal. Use additional lines for individual discharge types if necessary.

Questions or comments concerning this form may be directed to the Water Quality Division's Application Review and Processing Team by email at <a href="https://www.wc-archivecommons.org/wc-archivecom

#### **Example**

#### **Individual Industrial Wastewater Application**

The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 TAC Chapter 39. The information provided in this summary may change during the technical review of the application and are not federal enforceable representations of the permit application.

ABC Corporation (CN600000000) operates the Starr Power Station (RN10000000000), a two-unit gas-fired electric generating facility. Unit 1 has a generating capacity of 393 megawatts (MWs) and Unit 2 has a generating capacity of 528 MWs. The facility is located at 1356 Starr Street, near the City of Austin, Travis County, Texas 78753.

This application is for a renewal to discharge 870,000,000 gallons per day of once through cooling water, auxiliary cooling water, and also authorizes the following waste streams monitored inside the facility (internal outfalls) before it is mixed with the other wastewaters authorized for discharge via main Outfall 001, referred to as "previously monitored effluents" (low-volume wastewater, metal-cleaning waste, and stormwater (from diked oil storage area yards and storm drains)) via Outfall 001. Low-volume waste sources, metal-cleaning waste, and stormwater drains on a continuous and flow-variable basis via internal Outfall 101.

The discharge of once through cooling water via Outfall 001 and low-volume waste and metal-cleaning waste via Outfall 101 from this facility is subject to federal effluent limitation guidelines at 40 CFR Part 423. The pollutants expected from these discharges based on 40 CFR Part 423 are: free available chlorine, total residual chlorine, total suspended solids, oil and grease, total iron, total copper, and pH. Temperature is also expected from these discharges. Additional potential pollutants are included in the Industrial Wastewater Application Technical Report, Worksheet 2.0.

Cooling water and boiler make-up water are supplied by Lake Starr Reservoir. The City of Austin municipal water plant (CN600000000, PWS 00000) supplies the facility's potable water and serves as an alternate source of boiler make-up water. Water from the Lake Starr Reservoir is withdrawn at the intake structure and treated with sodium hypochlorite to prevent biofouling and sodium bromide as a chlorine enhancer to improve efficacy and then passed through condensers and auxiliary equipment on a once-through basis to cool equipment and condense exhaust steam.

Low-volume wastewater from blowdown of boiler Units 1 and 2 and metal-cleaning wastes receive no treatment prior to discharge via Outfall 101. Plant floor and equipment drains and stormwater runoff from diked oil storage areas, yards, and storm drains are routed through an oil and water separator prior to discharge via Outfall 101. Domestic wastewater, blowdown, and backwash water from the service water filter, clarifier, and sand filter are routed to the Starr Creek Domestic Sewage Treatment Plant, TPDES Permit No. WQ0010000001, for treatment and disposal. Metal-cleaning waste from equipment cleaning is generally disposed of off-site.

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#### **TEXAS COMMISSION ON ENVIRONMENTAL QUALITY**



### NOTICE OF RECEIPT OF APPLICATION AND INTENT TO OBTAIN WATER QUALITY PERMIT

#### PROPOSED PERMIT NO. WQ0016756001

**APPLICATION.** Lower Valley Water District, 1557 Farm-to-Market Road 1110, Clint, Texas 79836, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0016756001 (EPA I.D. No. TX0147648) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 5,000 gallons per day. The domestic wastewater treatment facility will be located at 341 Cuadrilla Road, Clint, in El Paso County, Texas 79836. The discharge route will be from the plant site via pipe to River Drain; thence to Fabens Waste Channel; thence to Rio Grande Below Riverside Diversion Dam. TCEO received this application on February 21. 2024. The permit application will be available for viewing and copying at Lower Valley Water District Main Building, 1557 Farm-to-Market Road 1110, Clint, in El Paso County, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.

https://gisweb.tceq.texas.gov/LocationMapper/?marker=-106.1983,31.533888&level=18

**ALTERNATIVE LANGUAGE NOTICE.** Alternative language notice in Spanish is available at: <a href="https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications">https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications</a>. El aviso de idioma alternativo en español está disponible en <a href="https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications">https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications</a>.

ADDITIONAL NOTICE. TCEQ's Executive Director has determined the application is administratively complete and will conduct a technical review of the application. After technical review of the application is complete, the Executive Director may prepare a draft permit and will issue a preliminary decision on the application. Notice of the Application and Preliminary Decision will be published and mailed to those who are on the countywide mailing list and to those who are on the mailing list for this application. That notice will contain the deadline for submitting public comments.

PUBLIC COMMENT / PUBLIC MEETING. You may submit public comments or request a public meeting on this application. The purpose of a public meeting is to provide the opportunity to submit comments or to ask questions about the application. TCEQ will hold a public meeting if the Executive Director determines that there is a significant degree of public interest in the application or if requested by a local legislator. A public meeting is not a contested case hearing.

OPPORTUNITY FOR A CONTESTED CASE HEARING. After the deadline for submitting public comments, the Executive Director will consider all timely comments and prepare a response to all relevant and material, or significant public comments. Unless the application is directly referred for a contested case hearing, the response to comments, and the Executive Director's decision on the application, will be mailed to everyone who submitted public comments and to those persons who are on the mailing list for this application. If comments are received, the mailing will also provide instructions for requesting reconsideration of the Executive Director's decision and for requesting a contested case hearing. A contested case hearing is a legal proceeding similar to a civil trial in state district court.

TO REQUEST A CONTESTED CASE HEARING, YOU MUST INCLUDE THE FOLLOWING ITEMS IN YOUR REQUEST: your name, address, phone number; applicant's name and proposed permit number; the location and distance of your property/activities relative to the proposed facility; a specific description of how you would be adversely affected by the facility in a way not common to the general public; a list of all disputed issues of fact that you submit during the comment period and, the statement "[I/we] request a contested case hearing." If the request for contested case hearing is filed on behalf of a group or association, the request must designate the group's representative for receiving future correspondence; identify by name and physical address an individual member of the group who would be adversely affected by the proposed facility or activity; provide the information discussed above regarding the affected member's location and distance from the facility or activity; explain how and why the member would be affected; and explain how the interests the group seeks to protect are relevant to the group's purpose.

Following the close of all applicable comment and request periods, the Executive Director will forward the application and any requests for reconsideration or for a contested case hearing to the TCEQ Commissioners for their consideration at a scheduled Commission meeting.

The Commission may only grant a request for a contested case hearing on issues the requestor submitted in their timely comments that were not subsequently withdrawn. If a hearing is granted, the subject of a hearing will be limited to disputed issues of fact or mixed questions of fact and law relating to relevant and material water quality concerns submitted during the comment period.

MAILING LIST. If you submit public comments, a request for a contested case hearing or a reconsideration of the Executive Director's decision, you will be added to the mailing list for this specific application to receive future public notices mailed by the Office of the Chief Clerk. In addition, you may request to be placed on: (1) the permanent mailing list for a specific applicant name and permit number; and/or (2) the mailing list for a specific county. If you wish to be placed on the permanent and/or the county mailing list, clearly specify which list(s) and send your request to TCEQ Office of the Chief Clerk at the address below.

**INFORMATION AVAILABLE ONLINE.** For details about the status of the application, visit the Commissioners' Integrated Database at <a href="https://www.tceq.texas.gov/goto/cid">www.tceq.texas.gov/goto/cid</a>. Search the database using the permit number for this application, which is provided at the top of this notice.

**AGENCY CONTACTS AND INFORMATION.** All public comments and requests must be submitted either electronically at <a href="https://www14.tceq.texas.gov/epic/eComment/">https://www14.tceq.texas.gov/epic/eComment/</a>, or in writing to the Texas Commission on Environmental Quality, Office of the Chief Clerk, MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Please be aware that any contact information you provide, including your name, phone number, email address and physical address will become part of the agency's public record. For more information about this permit

application or the permitting process, please call the TCEQ Public Education Program, Toll Free, at 1-800-687-4040 or visit their website at <a href="www.tceq.texas.gov/goto/pep">www.tceq.texas.gov/goto/pep</a>. Si desea información en Español, puede llamar al 1-800-687-4040.

Further information may also be obtained from Lower Valley Water District at the address stated above or by calling Mr. Gerald Grijalva, Lower Valley Water District, at 915-791-4480.

Issuance Date: June 12, 2025

#### Comisión de Calidad Ambiental del Estado de Texas



#### AVISO DE RECIBO DE LA SOLICITUD Y EL INTENTO DE OBTENER PERMISO PARA LA CALIDAD DEL AGUA

#### PERMISO PROPUESTO NO. WQ0016756001

**SOLICITUD.** Lower Valley Water District, 1557 Farm-to-Market Road 1110, Clint, Texas 79836, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEO) para el propuesto Permiso No. WQ0016756001 (EPA I.D. No. TX0147648) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 5,000 galones por día. La planta de tratamiento de aguas residuales domésticas estará ubicada en 341 Cuadrilla Road, Clint, en el Condado de El Paso, Texas 79836. La ruta de descarga será desde el sitio de la planta, a través de una tubería, hasta River Drain; de allí al Canal de Aguas Residuales de Fabens; y luego al Río Grande aguas abajo de la Presa de Desvío Riverside (Riverside Diversion Dam). TCEO recibió esta solicitud el 21 de febrero de 2024. La solicitud de permiso estará disponible para su revisión y copia en el edificio principal de Lower Valley Water District, 1557 Farm-to-Market Road 1110, Clint, en el Condado de El Paso, Texas, antes de la fecha en que este aviso sea publicado en el periódico. La solicitud, incluidas sus actualizaciones y avisos asociados, está disponible electrónicamente en la siguiente página web: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. Este enlace a un mapa electrónico de la ubicación general del sitio o instalación se proporciona como cortesía pública y no forma parte oficial de la solicitud o del aviso. Para conocer la ubicación exacta, consulte la solicitud:

https://gisweb.tceq.texas.gov/LocationMapper/?marker=-106.1983,31.533888&level=18

**AVISO DE IDIOMA ALTERNATIVO.** El aviso de idioma alternativo en español está disponible en <a href="https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications">https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications</a>.

AVISO ADICIONAL. El Director Ejecutivo de la TCEQ ha determinado que la solicitud es administrativamente completa y conducirá una revisión técnica de la solicitud. Después de completar la revisión técnica, el Director Ejecutivo puede preparar un borrador del permiso y emitirá una Decisión Preliminar sobre la solicitud. El aviso de la solicitud y la decisión preliminar serán publicados y enviado a los que están en la lista de correo de las personas a lo largo del condado que desean recibir los avisos y los que están en la lista de correo que desean recibir avisos de esta solicitud. El aviso dará la fecha límite para someter comentarios públicos.

COMENTARIO PUBLICO / REUNION PUBLICA. Usted puede presentar comentarios públicos o pedir una reunión pública sobre esta solicitud. El propósito de una reunión pública es dar la oportunidad de presentar comentarios o hacer preguntas acerca de la solicitud. La TCEQ

realiza una reunión pública si el Director Ejecutivo determina que hay un grado de interés público suficiente en la solicitud o si un legislador local lo pide. Una reunión pública no es una audiencia administrativa de lo contencioso.

OPORTUNIDAD DE UNA AUDIENCIA ADMINISTRATIVA DE LO CONTENCIOSO. Después del plazo para presentar comentarios públicos, el Director Ejecutivo considerará todos los comentarios apropiados y preparará una respuesta a todo los comentarios públicos esenciales, pertinentes, o significativos. A menos que la solicitud haya sido referida directamente a una audiencia administrativa de lo contencioso, la respuesta a los comentarios y la decisión del Director Ejecutivo sobre la solicitud serán enviados por correo a todos los que presentaron un comentario público y a las personas que están en la lista para recibir avisos sobre esta solicitud. Si se reciben comentarios, el aviso también proveerá instrucciones para pedir una reconsideración de la decisión del Director Ejecutivo y para pedir una audiencia administrativa de lo contencioso. Una audiencia administrativa de lo contencioso es un procedimiento legal similar a un procedimiento legal civil en un tribunal de distrito del estado.

PARA SOLICITAR UNA AUDIENCIA DE CASO IMPUGNADO, USTED DEBE INCLUIR EN SU SOLICITUD LOS SIGUIENTES DATOS: su nombre, dirección, y número de teléfono; el nombre del solicitante y número del permiso; la ubicación y distancia de su propiedad/actividad con respecto a la instalación; una descripción específica de la forma cómo usted sería afectado adversamente por el sitio de una manera no común al público en general; una lista de todas las cuestiones de hecho en disputa que usted presente durante el período de comentarios; y la declaración "[Yo/nosotros] solicito/solicitamos una audiencia de caso impugnado". Si presenta la petición para una audiencia de caso impugnado de parte de un grupo o asociación, debe identificar una persona que representa al grupo para recibir correspondencia en el futuro; identificar el nombre y la dirección de un miembro del grupo que sería afectado adversamente por la planta o la actividad propuesta; proveer la información indicada anteriormente con respecto a la ubicación del miembro afectado y su distancia de la planta o actividad propuesta; explicar cómo y porqué el miembro sería afectado; y explicar cómo los intereses que el grupo desea proteger son pertinentes al propósito del grupo.

Después del cierre de todos los períodos de comentarios y de petición que aplican, el Director Ejecutivo enviará la solicitud y cualquier petición para reconsideración o para una audiencia de caso impugnado a los Comisionados de la TCEQ para su consideración durante una reunión programada de la Comisión.

La Comisión sólo puede conceder una solicitud de una audiencia de caso impugnado sobre los temas que el solicitante haya presentado en sus comentarios oportunos que no fueron retirados posteriormente. Si se concede una audiencia, el tema de la audiencia estará limitado a cuestiones de hecho en disputa o cuestiones mixtas de hecho y de derecho relacionadas a intereses pertinentes y materiales de calidad del agua que se hayan presentado durante el período de comentarios.

**LISTA DE CORREO.** Si somete comentarios públicos, un pedido para una audiencia administrativa de lo contencioso o una reconsideración de la decisión del Director Ejecutivo, la Oficina del Secretario Principal enviará por correo los avisos públicos en relación con la solicitud. Además, puede pedir que la TCEQ ponga su nombre en una o más de las listas

correos siguientes (1) la lista de correo permanente para recibir los avisos del solicitante indicado por nombre y número del permiso específico y/o (2) la lista de correo de todas las solicitudes en un condado específico. Si desea que se agrega su nombre en una de las listas designe cual lista(s) y envía por correo su pedido a la Oficina del Secretario Principal de la TCEQ.

**INFORMACIÓN DISPONIBLE EN LÍNEA.** Para detalles sobre el estado de la solicitud, favor de visitar la Base de Datos Integrada de los Comisionados en <a href="www.tceq.texas.gov/goto/cid">www.tceq.texas.gov/goto/cid</a>. Para buscar en la base de datos, utilizar el número de permiso para esta solicitud que aparece en la parte superior de este aviso.

CONTACTOS E INFORMACIÓN A LA AGENCIA. Todos los comentarios públicos y solicitudes deben ser presentadas electrónicamente vía <a href="http://www14.tceq.texas.gov/epic/eComment/">http://www14.tceq.texas.gov/epic/eComment/</a> o por escrito dirigidos a la Comisión de Texas de Calidad Ambiental, Oficial de la Secretaría (Office of Chief Clerk), MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Tenga en cuenta que cualquier información personal que usted proporcione, incluyendo su nombre, número de teléfono, dirección de correo electrónico y dirección física pasarán a formar parte del registro público de la Agencia. Para obtener más información acerca de esta solicitud de permiso o el proceso de permisos, llame al programa de educación pública de la TCEQ, gratis, al 1-800-687-4040. Si desea información en Español, puede llamar al 1-800-687-4040.

También se puede obtener información adicional del Lower Valley Water District a la dirección indicada arriba o llamando a*l* Sr. Gerald Grijalva, Lower Valley Water District, al 915-791-4480.

Fecha de emisión: 12 de junio de 2025

#### **Erwin Madrid**

From: Luis Guerrero <lguerrero@ceagroup.net>

**Sent:** Monday, June 9, 2025 12:17 PM

**To:** Erwin Madrid

Cc: Daniel Hernandez; elong@lvwd.org; Ulises Estrada

Subject: RE: [External] Application for Proposed Permit No. WQ0016756001 - Notice of

**Deficiency Letter** 

Good morning Erwin,

Based on our previous conversation, we have submitted the revised application to the email address shown below.

We appreciate your assistance,

Let us know if there is something else we are missing.

Thank you,

## Luis Guerrero, E.I.T. DIRECT LINE | 915.200.1145 OFFICE | 915.544.5232

Uptown centre 813 N. Kansas St., Ste 300 El Paso, Texas 79902



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From: Erwin Madrid < Erwin. Madrid@tceq.texas.gov>

**Sent:** Wednesday, June 4, 2025 3:44 PM **To:** Luis Guerrero < lguerrero@ceagroup.net>

**Cc:** Daniel Hernandez <a href="mailto:class-subject">dhernandez@lvwd.org</a>; elong@lvwd.org; Ulises Estrada <uestrada@ceagroup.net> **Subject:** RE: [External] Application for Proposed Permit No. WQ0016756001 - Notice of Deficiency Letter

Importance: High

Hi Luis,

I am working on reviewing your response to the application NOD comments and found the following issues still:

- 1. The PIP form (TCEQ-20960) is incomplete. Section 2 needs to be filled out.
- 2. Your response indicates that a full version of the application was submitted to the ARP email address; however, I noticed you have the wrong email address. It should be <u>WQ-ARPTeam@tceq.texas.gov</u>. You can also share the application via the FTP site.

Please address these items as soon as possible.

Regards,

Erwin Madrid Team Lead ARP Team | Water Quality Division 512-239-2191 Texas Commission on Environmental Quality



Please consider whether it is necessary to print this e-mail.

From: Luis Guerrero < lguerrero@ceagroup.net >

Sent: Tuesday, May 20, 2025 4:34 PM

To: Erwin Madrid < <a href="mailto:Erwin.Madrid@tceq.texas.gov">Erwin Madrid@tceq.texas.gov</a>>

**Cc:** Daniel Hernandez <a href="mailto:ceagroup.net">dhernandez@lvwd.org">dhernandez@lvwd.org</a>; <a href="mailto:elong@lvwd.org">elong@lvwd.org</a>; Ulises Estrada <a href="mailto:uestrada@ceagroup.net">uestrada@ceagroup.net</a>> <a href="mailto:Subject">Subject</a>: RE: [External] Application for Proposed Permit No. WQ0016756001 - Notice of Deficiency Letter

Good afternoon Erwin,

Please see the attached response letter addressing the comments provided in the Notice of Deficiency. All requested attachments are included with this email. In addition, as instructed in the letter, a complete electronic version of the application has been submitted via email to <u>WQ-ARPTeam@tceq.tex.gov</u>.

Please let us know if you have any questions or need any additional information.

Thank you,

#### Luis Guerrero, E.I.T.

DIRECT LINE | 915.200.1145 OFFICE | 915.544.5232 Uptown centre 813 N. Kansas St., Ste 300 El Paso, Texas 79902



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From: Daniel Hernandez < dhernandez@lvwd.org>

Sent: Thursday, May 8, 2025 8:40 AM

To: Luis Guerrero < lguerrero@ceagroup.net>

Subject: FW: [External] Application for Proposed Permit No. WQ0016756001 - Notice of Deficiency Letter

Importance: High

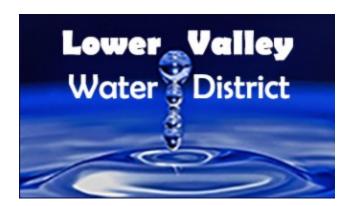
Good morning Luis,

I received the attached email for Cuadrilla Treatment Plant. Can you help me out with a response? I thought we had sent everything that it was requested

Thank you,

Daniel Hernandez, P.E.

Project Engineer Lower Valley Water District 1557 FM 1110 Rd. / P.O. Box 909 Clint, Texas 79836 Phone (915) 791-4480 ext. 1110 Fax (915) 791-4483 dhernandez@lvwd.org



From: Erwin Madrid < Erwin. Madrid@tceq.texas.gov>

Sent: Wednesday, May 7, 2025 3:27 PM

To: Daniel Hernandez < dhernandez@lvwd.org >

Cc: Ed Long <elong@lvwd.org>; Erwin Madrid <Erwin.Madrid@tceq.texas.gov>

Subject: [External] Application for Proposed Permit No. WQ0016756001 - Notice of Deficiency Letter

Importance: High

Some people who received this message don't often get email from erwin.madrid@tceq.texas.gov. Learn why this is important

Dear applicant,

The attached Notice of Deficiency letter sent on <u>May 7, 2025</u>, requests additional information needed to declare the application administratively complete. Please send the complete response to my attention by <u>May 21, 2025</u>.

Regards,

Erwin Madrid
Team Lead
ARP Team | Water Quality Division
512-239-2191
Texas Commission on Environmental Quality



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#### **Erwin Madrid**

From: Luis Guerrero <lguerrero@ceagroup.net>

**Sent:** Monday, June 9, 2025 12:22 PM

**To:** WQ-ARPTeam

Subject: RE: [External] Application for Proposed Permit No. WQ0016756001 - Notice of

**Deficiency Letter** 

Attachments: Application for Proposed Permit No. WQ0016756001; FW: [External] Application for

Proposed Permit No. WQ0016756001 - Notice of Deficiency Letter

#### Good morning,

The previous email was to large and the system bounced it back. See link below to can download the revised application and documents requested.

https://share.ceagroup.net/index.php/s/cZgZL8Z3BcjAA9i

Thank you,

#### Luis Guerrero, E.I.T.

DIRECT LINE | 915.200.1145 OFFICE | 915.544.5232 Uptown centre 813 N. Kansas St., Ste 300 El Paso, Texas 79902



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From: Luis Guerrero

Sent: Monday, June 9, 2025 11:16 AM

To: 'WQ-ARPTeam@tceq.texas.gov' <WQ-ARPTeam@tceq.texas.gov>

Subject: RE: [External] Application for Proposed Permit No. WQ0016756001 - Notice of Deficiency Letter

Good morning,

As per request, see attached complete application – revised- of the Cuadrilla WWTP for your review and approval.

Thank you,

#### Luis Guerrero, E.I.T.

DIRECT LINE | 915.200.1145
OFFICE | 915.544.5232
Uptown centre
813 N. Kansas St., Ste 300
El Paso, Texas 79902



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From: Erwin Madrid < Erwin. Madrid@tceq.texas.gov>

**Sent:** Wednesday, June 4, 2025 3:44 PM **To:** Luis Guerrero < lguerrero@ceagroup.net>

**Cc:** Daniel Hernandez <a href="mailto:ceagroup.net">dhernandez@lvwd.org">dhernandez@lvwd.org</a>; <a href="mailto:elong@lvwd.org">elong@lvwd.org</a>; Ulises Estrada <a href="mailto:uestrada@ceagroup.net">uestrada@ceagroup.net</a>> <a href="mailto:Subject">Subject</a>: RE: [External] Application for Proposed Permit No. WQ0016756001 - Notice of Deficiency Letter

Importance: High

Hi Luis,

I am working on reviewing your response to the application NOD comments and found the following issues still:

- 1. The PIP form (TCEQ-20960) is incomplete. Section 2 needs to be filled out.
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Please address these items as soon as possible.

Regards,

Erwin Madrid
Team Lead
ARP Team | Water Quality Division
512-239-2191
Texas Commission on Environmental Quality



Please consider whether it is necessary to print this e-mail.

From: Luis Guerrero < lguerrero@ceagroup.net>

Sent: Tuesday, May 20, 2025 4:34 PM

To: Erwin Madrid < Erwin. Madrid@tceq.texas.gov>

Cc: Daniel Hernandez <a href="mailto:class">dhernandez@lvwd.org</a>; <a href="mailto:elong@lvwd.org">elong@lvwd.org</a>; Ulises Estrada <a href="mailto:uestrada@ceagroup.net">uestrada@ceagroup.net</a>>
Subject: RE: [External] Application for Proposed Permit No. WQ0016756001 - Notice of Deficiency Letter

Good afternoon Erwin,

Please see the attached response letter addressing the comments provided in the Notice of Deficiency. All requested attachments are included with this email. In addition, as instructed in the letter, a complete electronic version of the application has been submitted via email to <u>WQ-ARPTeam@tceq.tex.gov</u>.

Please let us know if you have any questions or need any additional information.

Thank you,

Luis Guerrero, E.I.T.

DIRECT LINE | 915.200.1145

OFFICE | 915.544.5232

Uptown centre



813 N. Kansas St., Ste 300 El Paso, Texas 79902

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From: Daniel Hernandez < <a href="mailto:dhernandez@lvwd.org">dhernandez@lvwd.org</a>>

Sent: Thursday, May 8, 2025 8:40 AM

To: Luis Guerrero < lguerrero@ceagroup.net>

Subject: FW: [External] Application for Proposed Permit No. WQ0016756001 - Notice of Deficiency Letter

Importance: High

Good morning Luis,

I received the attached email for Cuadrilla Treatment Plant. Can you help me out with a response? I thought we had sent everything that it was requested

Thank you,

#### Daniel Hernandez, P.E.

Project Engineer Lower Valley Water District 1557 FM 1110 Rd. / P.O. Box 909 Clint, Texas 79836 Phone (915) 791-4480 ext. 1110 Fax (915) 791-4483 dhernandez@lvwd.org



From: Erwin Madrid < Erwin. Madrid@tceq.texas.gov>

Sent: Wednesday, May 7, 2025 3:27 PM

To: Daniel Hernandez < dhernandez@lvwd.org >

Cc: Ed Long <elong@lvwd.org>; Erwin Madrid <Erwin.Madrid@tceq.texas.gov>

Subject: [External] Application for Proposed Permit No. WQ0016756001 - Notice of Deficiency Letter

Importance: High

Some people who received this message don't often get email from <a href="mailto:erwin.madrid@tceq.texas.gov">erwin.madrid@tceq.texas.gov</a>. Learn why this is important

Dear applicant,

The attached Notice of Deficiency letter sent on <u>May 7, 2025</u>, requests additional information needed to declare the application administratively complete. Please send the complete response to my attention by <u>May 21, 2025</u>.

Regards,

Erwin Madrid
Team Lead
ARP Team | Water Quality Division
512-239-2191
Texas Commission on Environmental Quality



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Uptown centre
813 N. Kansas St., Suite 300
El Paso, TX 79902
915.544.5232
www.ceagroup.net

May 21, 2025

Texas Commission of Environmental Quality Water Quality Division P.O. Box 13087 Austin, TX 78711-3087

Attention: Mr. Erwin Madrid

Reference: Application for Proposed Permit No.WQ0016756001 (EPA I.D. No. TX0147648)

Cuadrilla WWTP (RN112173570)

Dear Mr. Madrid

The following is our response to your comments regarding the referenced Project.

1. Section 1. Application Fee: The application fee of \$350.00 could not be located in our records. Please provide proof of payment or submit the application fee to our financial division. You may also pay using our e-pay system online.

Response: LVWD has provided records of the application fee paid. See attachment A.

2. Plain Language Summaries: The plain language summaries were missing the proposed daily discharge amounts. Please revise the plain language summaries (English/Spanish) to include all the required information.

Response: Plain Language Summary for TPDES has been completed (English/Spanish). See attachment B.

3. Administrative Report 1.1: The affected landowner map, landowner cross-reference list, and mailing labels (Avery 5160 Word Doc) were not provided. Additionally, the source of the landowner information needs to be provided (county appraisal district is most common). Please supply these required administrative reports. For guidance on how to prepare this map and labels, please refer to the application instructions.

Response: Affected landowner map, landowner cross-reference list and mailing address (Avery 5160 Word Doc) are now shown in Attachment C.

4. All new and major amendment wastewater and stormwater individual permit applications received on or after November 1, 2022, must now include a completed Public Involvement Plan (PIP) form (TCEQ-20960). Please provide the completed PIP form. The form and instructions are available for download on our website at the following address: <a href="https://www.tceq.texas.gov/permitting/wastewater/water-quality/#PIP">https://www.tceq.texas.gov/permitting/wastewater/water-quality/#PIP</a>.

Response: The PIP form has been completed, see attachment D.



**Uptown centre** 813 N. Kansas St., Suite 300 El Paso, TX 79902 915.544.5232

www.ceagroup.net

5. The following is a portion of the NORI which contains information relevant to your application. Please read it carefully and indicate if it contains any errors or omissions. The complete notice will be sent to you once the application is declared administratively complete.

APPLICATION. Lower Valley Water District, 1557 Farm-to-Market Road 1110, Clint, Texas 79836, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0016756001 (EPA I.D. No. TX0147648) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 5,000 gallons per day. The domestic wastewater treatment facility will be located at 341 Cuadrilla Road, Clint, in El Paso County, Texas 79836. The discharge route will be from the plant site via pipe to River Drain; thence to Fabens Waste Channel; thence to Rio Grande Below Riverside. Diversion Dam. TCEQ received this application on February 21, 2024. The permit application will be available for viewing and copying at Lower Valley Water District Main Building, 1557 Farm-to-Market Road 1110, Clint, in El Paso County, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage:

https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice.

For the exact location, refer to the application. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-106.1983,31.533888&level=18

Further information may also be obtained from Lower Valley Water District at the address stated above or by calling Mr. Gerald Grijalva, Lower Valley Water District, at 915-791-4480.

Response: The information shown in the NORI is correct.

6. The application indicates that public notices in Spanish are required. After confirming the portion of the NORI above does not contain any errors or omissions, please use the attached template to translate the NORI into Spanish. Only the first and last paragraphs are unique to this application and require translation. Please provide the translated Spanish NORI in a Microsoft Word document.

Response: Application has been translated into Spanish language, see attachment E.



- 7. The complete electronic version was not provided, we only received the administrative portion and a few maps. Please provide an electronic copy of the complete application in a single PDF file. The electronic copy may be submitted via email to WQ-ARPTeam@tceq.texas.gov (25MB size file or smaller) or via TCEQs file transfer protocol (FTP) server using the following steps.
  - a. Sign in and upload your application as a single PDF file using the TCEQ FTP server: https://ftps.tceq.texas.gov/index.php.
  - b. Share the uploaded file to the email address: WQDeCopy@tceq.texas.gov.

For complete instructions on using the TCEQ FTP server, please visit: https://ftps.tceq.texas.gov/help/.

For other questions about the submittal of electronic copies, please view the frequently asked questions.

Response: Complete Electronic Version Completed and Submitted to the email address mentioned above.

Thank you for your comments. We look forward to your approval for the Cuadrilla Permit. If you have any questions or require additional information, please do not hesitate to contact us.

Sincerely, CEA Group

Luis H. Guerrero, E.I.T Project Engineer

CC: Ed Long, P.E. – LVWD (Via Email)

Daniel Hernandez, P.E. – LVWD (Via Email) Ulises Estrada, P.E. – CEA (Via Email)

Enclosures

## **ATTACHMENT A**

CERTIFIED IMAIL

WATER DISTRIC	
PO. Box 1050 • San Elizario, TX 79849-10	701
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#### WATER QUALITY PERMIT

#### PAYMENT SUBMITTAL FORM

Use this form to submit the Application Fee, if the mailing the payment.

- Complete items I through 5 below.
- Staple the check or money order in the space provided at the bottom of this document.
- Do Not mail this form with the application form.
- Do not mail this form to the same address as the application.
- Do not submit a copy of the application with this form as it could cause duplicate permit

#### Mail this form and the check or money order to:

BY REGULAR U.S. MAIL

Austin, Texas 78711-3088

Texas Commission on Environmental Quality Financial Administration Division Cashier's Office, MC-214 P.O. Box 13088

BY OVERNIGHT/EXPRESS MAIL

Texas Commission on Environmental Quality Financial Administration Division Cashier's Office, MC-214 12100 Park 35 Circle Austin, Texas 78753

Update as needed

Fee Code: WQP Waste Permit No: Click to enter text.

1. Check or Money Order Number: 144479651

2. Check or Money Order Amount: \$350.00

3. Date of Check or Money Order: 09/27/2022

4. Name on Check or Money Order: Lower Valley Water District

5. APPLICATION INFORMATION

Name of Project or Site: Cuadrilla Improvement

Physical Address of Project or Site: Cuadrilla Road at Socorro Rd.

If the check is for more than one application, attach a list which includes the name of each Project or Site (RE) and Physical Address, exactly as provided on the application.

Staple Check or Money Order in This Space

öwer Valley Wat	ter District, TX		PAGE: 1 ÖF 1	CHECK NUMBER:	14447965
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**Lower Valley Water District** 

Vendor Name

TEXAS COMMISSION ON ENV QLTY

Operating Account P.O. Box 909 Clint, Texas 79836 Vendor Number 3295

Check No.

144479651

Check Date 09/27/2022

Check Date

09/27/2022

Check Number 144479651

Check Amount

\$350.00

\$350.00

\*Three Hundred Fifty Dollars and 00 Cents\*

Pay
To the

Vendor No.

3295

TEXAS COMMISSION ON ENV QLTY PO BOX 13088 MC-214

Order Of AUSTIN, TX 78711-3088

FILE COPY NON-NEGOTIABLE



LOWER VALLEY WATER DISTRICT
PO BOX 909
CLINT, TX 79836-0909

THE PROPERTY OF T



#### Dear El Paso Water Customer:

We are pleased to announce our new ServLine® Leak Protection Program to all eligible El Paso Water customers. For residential and single occupancy non-residential customers who see high water bills as the result of a qualifying leak, this program will offer some relief. Starting March 1, 2023, each eligible residential customer will automatically be billed \$0.98 monthly; single occupancy non-residential customers will automatically be billed \$1.42 monthly.

This is an opt-out program, customers who do not want this protection must call (915) 273-3999 to decline charges for the ServLine program.

What are the benefits? Customers enrolled in our new ServLine Leak Protection Program will receive a benefit that will cover the water use above their average bill amount up to \$1,000, caused by a qualifying leak—such as those behind a wall, under a foundation or underground. The program allows for one (1) adjustment per 24 months over a maximum of two (2) billing cycles upon proof of the leak repair. The cost of repairs is not included in this leak protection.\*

What happens if I opt out? Customers who decline the program accept responsibility for water loss charges caused by a water leak. Such customers could then apply for a leak adjustment directly from El Paso Water to cover 50% of their costly water bill, less their baseline amount of consumption from the same month in the prior year.

In our desert community, EPWater hates to see water loss. The utility hopes this program will encourage speedy repairs.

Please look for additional information coming in the mail, customers may call El Paso Water's dedicated ServLine phone number for detailed program guidelines or questions at (915) 273-3999 or visit https://www.epwater.org.

We look forward to this opportunity to enhance our customer service to you.

Respectfully,

El Paso Water

"INFORMATION FOR THE SERVLINE LEAK PROTECTION PROGRAM: HIGH WATER BILLS DUE TO LEAKS OCCURRING AFTER 03/01/2023 WILL BE ADJUSTED THROUGH THIS PROGRAM. PLEASE REFER TO OUR SERVLINE LEAK PROTECTION PROGRAM GUIDELINES FOR QUALIFICATIONS. CANCEL ANYTIME. 30-DAY WAIT PERIOD FOR RE-ENROLLMENT. CALL EL PASO WATER'S DEDICATED SERVLINE PHONE NUMBER ABOVE FOR MORE INFORMATION AND REQUEST A COPY OF THE FULL TERMS AND RESTRICTIONS.

#### Synthia Galvan

From: Corina Vega

Sent: Monday, February 24, 2025 10:47 AM

**Fo:** Synthia Galvan

Subject: RE: TCEQ Check# 144479651 Copy

Good morning Ms. Synthia,

Yes, it shows it cleared on 10/05/2022. Let me know if you need anything else.

Thank You,

#### Corina Vega

Senior Accountant Lower Valley Water District 1557 FM Road 1110 (915)791-4480 ext. 1078

From: Synthia Galvan <sgalvan@lvwd.org>
Sent: Monday, February 24, 2025 10:24 AM

To: Corina Vega <cvega@lvwd.org>
Subject: TCEQ Check# 144479651 Copy

Good morning Ms. Corina.

May I please trouble to advise if this show this check cleared our bank?

#### Synthia Galvan | Administrative Assistant II

Lower Valley Water District 1557 FM 1110 Rd. - P.O. Box 909 Clint, TX 79836 Office (915) 791-4480 ext. 1112 sgalvan@lvwd.org



IMPORTANT: This transmission is for use by the intended recipient and it may contain privileged, proprietary or confidential information. If you are not the intended recipient or a person responsible for delivering this transmission to the intended recipient, you may not disclose, copy or distribute this transmission or take any action in reliance on it. If you received this transmission in error, please notify us immediately by email to <a href="DITS@lvwd.org">DITS@lvwd.org</a>, and please dispose of and delete this transmission. Thank you.

From: Corina Vega < <a href="mailto:cvega@lvwd.org">cvega@lvwd.org</a> Sent: Friday, February 21, 2025 4:35 PM

## **ATTACHMENT B**

# TCEQ

#### TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

## PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

## Plain Language Summary Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

Applicants should use this template to develop a plain language summary as required by Title 30, Texas Administrative Code (30 TAC), Chapter 39, Subchapter H. Applicants may modify the template as necessary to accurately describe their facility as long as the summary includes the following information: (1) the function of the proposed plant or facility; (2) the expected output of the proposed plant or facility; (3) the expected pollutants that may be emitted or discharged by the proposed plant or facility; and (4) how the applicant will control those pollutants, so that the proposed plant will not have an adverse impact on human health or the environment.

Fill in the highlighted areas below to describe your facility and application in plain language. Instructions and examples are provided below. Make any other edits necessary to improve readability or grammar and to comply with the rule requirements.

If you are subject to the alternative language notice requirements in 30 TAC Section 39.426, you must provide a translated copy of the completed plain language summary in the appropriate alternative language as part of your application package. For your convenience, a Spanish template has been provided below.

## ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS Enter 'INDUSTRIAL' or 'DOMESTIC' here WASTEWATER/STORMWATER

The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 TAC Chapter 39. The information provided in this summary may change during the technical review of the application and is not a federal enforceable representation of the permit application.

The Lower Valley Water District (CN# 600630396) operates the Cuadrilla (RN #101185676), a Wastewater Treatment Plant. The facility is located at 314 Cuadrilla Rd, in Fabens, El Paso County, Texas 79836. The district is requesting a new TPDES permit for the discharge of 4,990 gpd (maximum daily flow) of treated effluent.

Discharges from the facility are expected to contain BOD, CBOD, pH, COD, TSS, Ammonia-N, Nitrate-N, Total Nitrogen, FOG, Phosphorous, Fecal Coliform, Dissolved Oxygen and Turbidity. The domestic wastewater is treated by a Bioclere treatment equipment, which includes a 10,000 gallon FRP primary/equalization tank, a flow equalization assembly, a lift station, a 20,000 gallon FRP effluent tank and a chlorine disinfection system.

PLANTILLA EN ESPAÑOL PARA SOLICITUDES NUEVAS/RENOVACIONES/ENMIENDAS DE TPDES o TLAP

#### AGUAS RESIDUALES Introduzca 'INDUSTRIALES' o 'DOMÉSTICAS' aquí /AGUAS PLUVIALES

El siguiente resumen se proporciona para esta solicitud de permiso de calidad del agua pendiente que está siendo revisada por la Comisión de Calidad Ambiental de Texas según lo requerido por el Capítulo 39 del Código Administrativo de Texas 30. La información proporcionada en este resumen puede cambiar durante la revisión técnica de la solicitud y no es una representación ejecutiva fedérale de la solicitud de permiso.

Lower Valley Water District (CN# 600630396) opera la planta Cuadrilla (RN# 101185676), una planta de tratamiento de aguas residuales. La instalación está ubicada en el 314 Cuadrilla , en Fabens, Condado de El Paso, Texas 79836. El Distrito esta solicitando un nuevo permiso TPDES para la descarga de 4,990 galones por dia (flujo maximo diario) de efluente tratado.

Se espera que las descargas de la instalación contengan DBO, DBOC, pH, DQO, SST, Amoniaco-N, Nitrato-N, Nitrogeno Total, Grasas y Aceites (FOG), Fosforo, Coliformes Fecales, Oxigeni Disuelto y Turbidez. El agua domestica residual. están tratado por un equipo Bioclere, que incluye un tanque primario/de ecualización de 10,000 galones de FRP, un conjunto de ecualización de flujo, una estación de bombeo, un tanque fe efluente de FRP de 20,000 galones y un Sistema de desinfección con cloro.

#### **INSTRUCTIONS**

- 1. Enter the name of applicant in this section. The applicant name should match the name associated with the customer number.
- 2. Enter the Customer Number in this section. Each Individual or Organization is issued a unique 11-digit identification number called a CN (e.g. CN123456789).
- 3. Choose "operates" in this section for existing facility applications or choose "proposes to operate" for new facility applications.
- 4. Enter the name of the facility in this section. The facility name should match the name associated with the regulated entity number.
- 5. Enter the Regulated Entity number in this section. Each site location is issued a unique 11-digit identification number called an RN (e.g. RN123456789).
- 6. Choose the appropriate article (a or an) to complete the sentence.
- 7. Enter a description of the facility in this section. For example: steam electric generating facility, nitrogenous fertilizer manufacturing facility, etc.
- 8. Choose "is" for an existing facility or "will be" for a new facility.
- 9. Enter the location of the facility in this section.
- 10. Enter the City nearest the facility in this section.
- 11. Enter the County nearest the facility in this section.
- 12. Enter the zip code for the facility address in this section.
- 13. Enter a summary of the application request in this section. For example: renewal to discharge 25,000 gallons per day of treated domestic wastewater, new application to discharge process wastewater and stormwater on an intermittent and flow-variable basis, or major amendment to reduce monitoring frequency for pH, etc. If more than one outfall is included in the application, provide applicable information for each individual outfall.
- 14. List all pollutants expected in the discharge from this facility in this section. If applicable, refer to the pollutants from any federal numeric effluent limitations that apply to your facility.
- 15. Enter the discharge types from your facility in this section (e.g., stormwater, process wastewater, once through cooling water, etc.)
- 16. Choose the appropriate verb tense to complete the sentence.
- 17. Enter a description of the wastewater treatment used at your facility. Include a description of each process, starting with initial treatment and finishing with the outfall/point of disposal. Use additional lines for individual discharge types if necessary.

Questions or comments concerning this form may be directed to the Water Quality Division's Application Review and Processing Team by email at <a href="https://www.wc-archivecommons.org/wc-archivecom

#### **Example**

#### **Individual Industrial Wastewater Application**

The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 TAC Chapter 39. The information provided in this summary may change during the technical review of the application and are not federal enforceable representations of the permit application.

ABC Corporation (CN600000000) operates the Starr Power Station (RN10000000000), a two-unit gas-fired electric generating facility. Unit 1 has a generating capacity of 393 megawatts (MWs) and Unit 2 has a generating capacity of 528 MWs. The facility is located at 1356 Starr Street, near the City of Austin, Travis County, Texas 78753.

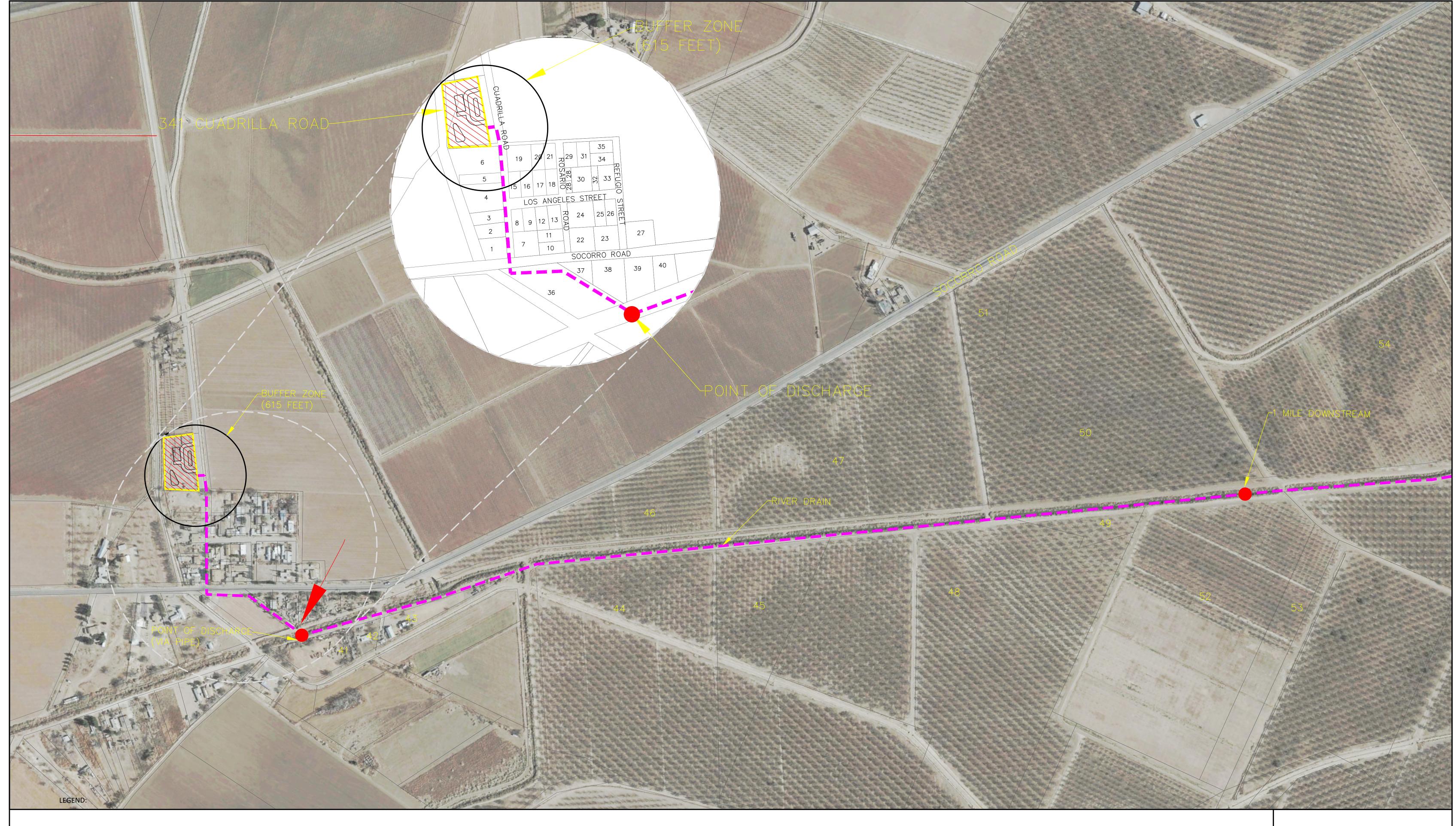
This application is for a renewal to discharge 870,000,000 gallons per day of once through cooling water, auxiliary cooling water, and also authorizes the following waste streams monitored inside the facility (internal outfalls) before it is mixed with the other wastewaters authorized for discharge via main Outfall 001, referred to as "previously monitored effluents" (low-volume wastewater, metal-cleaning waste, and stormwater (from diked oil storage area yards and storm drains)) via Outfall 001. Low-volume waste sources, metal-cleaning waste, and stormwater drains on a continuous and flow-variable basis via internal Outfall 101.

The discharge of once through cooling water via Outfall 001 and low-volume waste and metal-cleaning waste via Outfall 101 from this facility is subject to federal effluent limitation guidelines at 40 CFR Part 423. The pollutants expected from these discharges based on 40 CFR Part 423 are: free available chlorine, total residual chlorine, total suspended solids, oil and grease, total iron, total copper, and pH. Temperature is also expected from these discharges. Additional potential pollutants are included in the Industrial Wastewater Application Technical Report, Worksheet 2.0.

Cooling water and boiler make-up water are supplied by Lake Starr Reservoir. The City of Austin municipal water plant (CN600000000, PWS 00000) supplies the facility's potable water and serves as an alternate source of boiler make-up water. Water from the Lake Starr Reservoir is withdrawn at the intake structure and treated with sodium hypochlorite to prevent biofouling and sodium bromide as a chlorine enhancer to improve efficacy and then passed through condensers and auxiliary equipment on a once-through basis to cool equipment and condense exhaust steam.

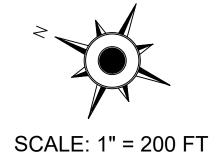
Low-volume wastewater from blowdown of boiler Units 1 and 2 and metal-cleaning wastes receive no treatment prior to discharge via Outfall 101. Plant floor and equipment drains and stormwater runoff from diked oil storage areas, yards, and storm drains are routed through an oil and water separator prior to discharge via Outfall 101. Domestic wastewater, blowdown, and backwash water from the service water filter, clarifier, and sand filter are routed to the Starr Creek Domestic Sewage Treatment Plant, TPDES Permit No. WQ0010000001, for treatment and disposal. Metal-cleaning waste from equipment cleaning is generally disposed of off-site.

# **ATTACHMENT C**



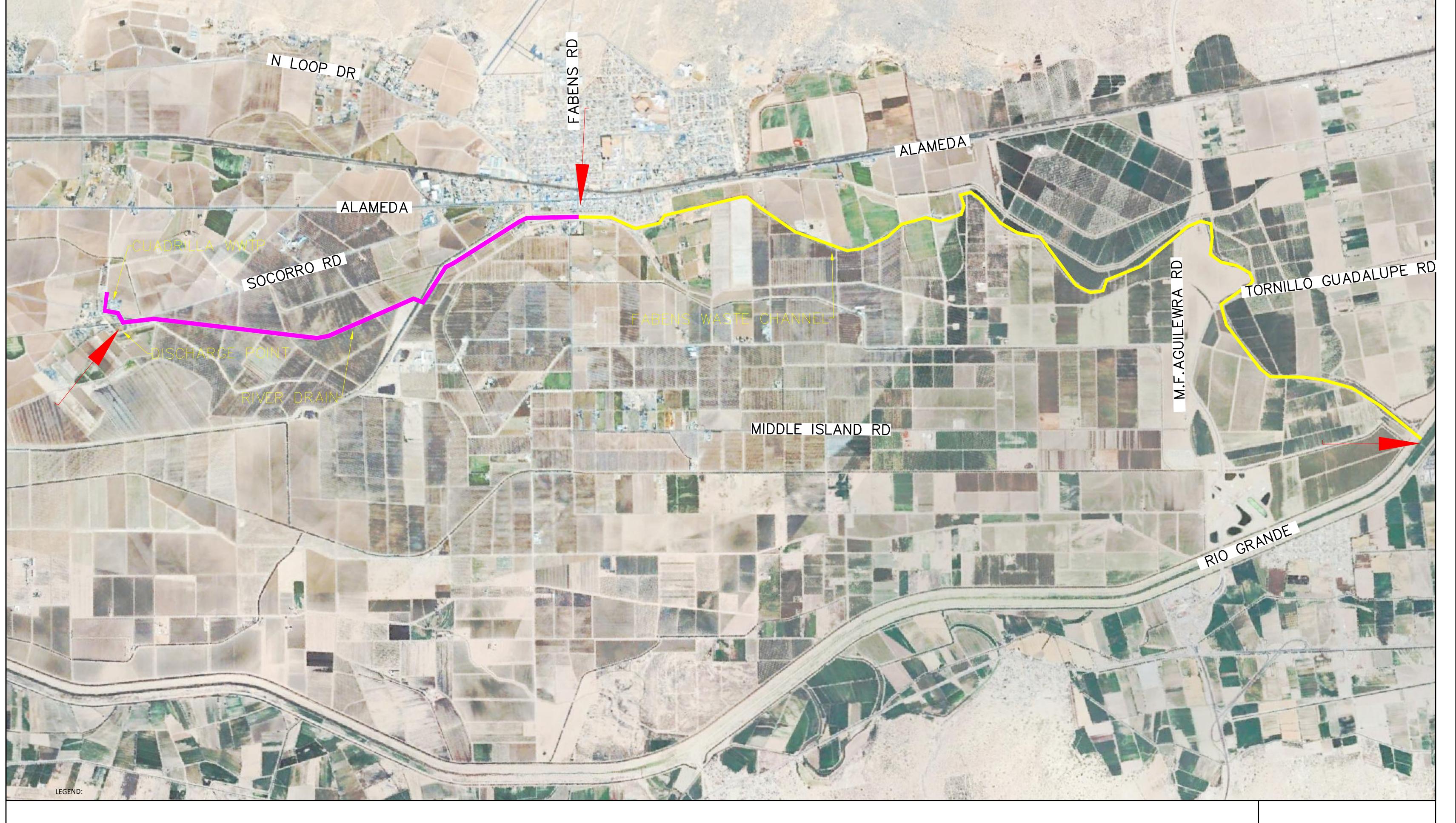


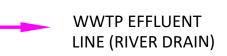




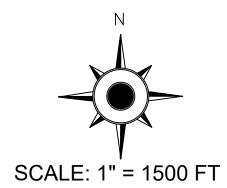
CUADRILLA DISCHARGE POINT - 1 MILES DOWNSTREAM







WWTP EFFLUENT
LINE (FABENS WASTE
CHANNEL)



CUADRILLA WWTP -DISCHARGE ROUTE



Owner Name	El Paso CAD Geo#	Street No.	Street Name	Legal Description	Mailing Address	SOURCE
JOSE R. OLIVAS	S075000005011A7	291	CUADRILLA	5 SAN ELIZARIO TR 11-A-2 (1.6012 AC)	291 CUADRILLA RD, CLINT, TX 79836-8900	https://qis.elpasotexas.gov/pdnmapajs/
300E N. 0EIVIO	C705000000102A0	15260	SOCORRO			https://qis.elpasotexas.gov/pdnmapajs/
ROBERT KIMPEL				I COBOS QUADRILLA E 49 FT OF 2 TO 4 (8820 SQ FT)	15260 SOCORRO RD, CLINT, TX 79836-5920	https://epcad.org/Search
EMMA C & ROBERTO ORTIZ & 1	C705000000102B0	351	CUADRILLA CUT OFF	I COBOS CUADRILLA W 71 FT OF 2 TO 4 & LOT 6 BLK J (10486 SQ FT)	308 TORREON ST, CLINT, TX 79836-5900	https://gis.elpasotexas.gov/pdnmapajs/
ROBERT KIMPEL	C705000000J0300	15260	SOCORRO	J COBOS QUADRILLA PT OF 3 TO 5	15260 SOCORRO RD, CLINT, TX 79836-5920	https://gis.elpasotexas.gov/pdnmapajs/
JOEL & BERTA SOSA	C705000000J0100	305	TORREON	J COBOS QUADRILLA PT OF 1 TO 5 (0.1943 AC)	305 TORREON ST, CLINT, TX 79836-5900	https://qis.elpasotexas.gov/pdnmapajs/
FERNANDO & MARINA ROSALES	C705000000J01A0	15199	SOCORRO	J COBOS QUADRILLA PT OF 1 & 2	15199 SOCORRO RD, CLINT, TX 79836-5907	https://gis.elpasotexas.gov/pdnmapajs/
MARBELLA G. MANCHA	S45700000100200	15153	SOCORRO	BLK 1 SINGH ESTATES LOT 2	15153 SOCORRO RD, CLINT, TX 79836-5907	https://gis.elpasotexas.gov/pdnmapajs/
RODRIGO ESPINOZA	S45700000100100	15151	SOCORRO	BLK 1 SINGH ESTATES LOT 1	15151 SOCORRO RD, CLINT, TX 79836-5907	https://gis.elpasotexas.gov/pdnmapajs/
ISRAEL & FLORES BARBARA ANN CERA	S07500004000865	15140	SOCORRO	40 SAN ELIZARIO TR 8-F-1-A (1.00 AC)	15140 SOCORRO RD, CLINT, TX 79836-9836	https://gis.elpasotexas.gov/pdnmapajs/
	S07500004000860					
MIRIAM I. & CYNTHIA R CARREON & 2		15146	SOCORRO	40 SAN ELIZARIO TR 8-F-1 (3.552 AC)	7311 CUBA DR, EL PASO, TX 79915-1439	https://gis.elpasotexas.gov/pdnmapajs/
RUBEN & MARIA D. ALVAREZ	M08700000100100	15148	SOCORRO	BLK 1 MARIA REYES SUBDIVISION LOT 1	15148 SOCORRO RD, CLINT, TX 79836-5907	https://qis.elpasotexas.gov/pdnmapajs/
RUBEN & MARIA D. ALVAREZ	M08700000100200	15152	SOCORRO	BLK 1 MARIA REYES SUBDIVISION LOT 2	15152 SOCORRO RD, CLINT, TX 79836-5907	https://gis.elpasotexas.gov/pdnmapajs/
RUBEN & MARIA D. ALVAREZ	C/W M08700000100200 S07500004000831	15152	SOCORRO	BLK 1 MARIA REYES SUBDIVISION LOT 2 40 SAN ELIZARIO TR 8-F-2 (2.2758 AC)	15148 SOCORRO RD, CLINT, TX 79836-5907 PO BOX 1060. SAN ELIZARIO. TX 79849-1060	https://gis.elpasotexas.gov/pdnmapajs/
OLGA PORRAS	S07500004000831 S07500004000700	15154	SOCORRO	40 SAN ELIZARIO TR 6-F-2 (2.2736 AC)	769 ELIGIO DR, SOCORRO, TX 79927-5040	https://gis.elpasotexas.gov/pdnmapajs/
ISMAEL MARQUEZ	30/300004000/00	15200	SOCORRO	40 SAN ELIZARIO TR 7 (COM'L SITE) (0.25 AC)	707 ELIGIO DR, 30CORRO, 1X 77727-3040	https://gis.elpasotexas.gov/pdnmapajs/
MARIA DEL S & CARLOS A. BRETADO	S075000040013B1	15250	SOCORRO	40 SAN ELIZARIO TR 13-B-1 (0.179 AC)	15250 SOCORRO RD, CLINT, TX 79836-5920	https://gis.elpasotexas.gov/pdnmapais/
ROBERT & DOLORES KIMPEL	S075000040013B0	15260	CUADRILLA	40 SAN ELIZARIO TR 13-B (0.594 AC)	15260 SOCORRO RD, CLINT, TX 79836-5920	https://qis.elpasotexas.gov/pdnmapajs/
ROBERT & DOLORES KIMPEL	S075000040013C1	15270	CUADRILLA	40 SAN ELIZARIO TR 13-C (0.663 AC)	15260 SOCORRO RD, CLINT, TX 79836-5920	https://gis.elpasotexas.gov/pdnmapais/
ROBERT L. KIMPEL	S075000040013D0	15280	CUADRILLA	40 SAN ELIZARIO TR 13-D (0.449 AC) & TR 13-E (0.449 AC) (0.898 AC)	15260 SOCORRO RD, CLINT, TX 79836-5920	https://qis.elpasotexas.qov/pdnmapajs/
	C70500000010100					https://gis.elpasotexas.gov/pdnmapajs/
DEBBA BASHIR		11815	LEGEND MANOR	I COBOS QUADRILLA 1 & 5 TO 8	11815 LEGEND MANOR DR, HOUSTON, TX 77082-3079	https://epcad.org/Search
	C705000000K0100					https://gis.elpasotexas.gov/pdnmapajs/
JESUS M. & ROSA I. MADRID		15201	SOCORRO	K CUADRILLA 1 & 2 (14400.00 SQ FT)	15201 SOCORRO RD, FABENS, TX 79836	https://epcad.org/Search
MARIA G. PEREZ	C705000000K0400	15200	LOS ANGELES	K CUADRILLA LOT 4 (7200.00 SQ FT)	15200 LOS ANGELES, CLINT TX 79836-5919	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
MARIA G. PEREZ	C705000000K0200	13200	LOS ANGELES	K COADRIELA EOT 4 (7200.00 3Q FT)	13200 EO3 ANGELES, GEINT 1X 77030-3717	https://gis.elpasotexas.gov/pdnmapajs/
JOSE JR CERA	070300000010200	992	FABENS	K COBOS CUADRILLA LOT 3 (7200 SQ FT)	PO BOX 992 FABENS TX 79838-0992	https://epcad.org/Search
	C705000000K0300			, , , , , , , , , , , , , , , , , , , ,		https://gis.elpasotexas.gov/pdnmapajs/
FABIAN OLIVARES		15251	SOCORRO	K COBOS QUADRILLA SWLY 67.20FT OF 5 & 6 (8064 SQ FT)	15251 SOCORRO RD, CLINT TX 79836-5920	https://epcad.org/Search
	C705000000K0500				DO DOV 4000 FADENC TV 70000 4000	https://gis.elpasotexas.gov/pdnmapajs/
PEDRO JR GONZALES	C70E0000001/0000	380	ROSARIO	K COBOS QUADRILLA NELY 52.8 FT OF 5 & 6 6240 SQ FT	PO BOX 1920 FABENS TX 79838-1920	https://epcad.org/Search
JOSE JR CERA	C705000000K0800	15204	LOS ANGELES	K COBOS QUADRILLA NW 30 FT OF 8	PO BOX 992 FABENS TX 79838-0992	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
JOSE SIC CEIGG	C705000000K07A0	13204	LOSTINGLELS			https://gis.elpasotexas.gov/pdnmapajs/
RAUL G. & ROSA CERA		15226	LOS ANGELES	K COBOS QUADRILLA SW 30 FT OF 7 & NE 30 FT OF 8 (7200 SQ FT)	15208 LOS ANGELES ST CLINT TX 79836-5919	https://epcad.org/Search
	C705000000K07B0			K COBOS QUADRILLA SE 30 FT OF 7		https://gis.elpasotexas.gov/pdnmapajs/
MARIO & MARIA D. CASTILLO		15212	LOS ANGELES	K COBOS QUADRILLA SE 30 FT OF 7	15212 LOS ANGELES ST CLINT TX 79836-5919	https://epcad.org/Search
FELIXIM CORPAI	C705000000H01A0	15201	LOC ANCELES	H COBOS QUADRILLA 1 EXC E 3 FT (6840 SQ FT)	15201 LOC ANCELES ST CLINIT TV 7002/ 5010	https://gis.elpasotexas.gov/pdnmapajs/
FELIX M. CORRAL	C705000000H0100	15201	LOS ANGELES		15201 LOS ANGELES ST CLINT TX 79836-5919	https://epcad.org/Search https://gis.elpasotexas.gov/pdnmapajs/
ROSARIO & DOMINGA ESCOBAR	C705000000H0100	15205	LOS ANGELES	H COBOS QUADRILLA E 3 FT OF 1 ALL OF 2 EXC E 3 FT (7200.00 SQ FT)	15205 LOS ANGELES ST CLINT TX 79836-5919	https://epcad.org/Search
	C705000000G0100					https://gis.elpasotexas.gov/pdnmapajs/
YOLANDA VASQUEZ		15521	LOS ANGELES	G COBOS QUADRILLA NWLY COR OF 1 (30 FT X 60 FT) (1800 SQ FT)	15221 LOS ANGELES ST CLINT TX 79836-5919	https://epcad.org/Search
	C705000000H0400			H COBOS QUADRILLA LOT 4 (7200 SQ FT)		https://gis.elpasotexas.gov/pdnmapajs/
CARLOS M. BUENO & MELISSA E. ESCOBAR		15215	LOS ANGELES	11 00 00 0 0 1 0 1 1 (1200 0 0 1 1)	15215 LOS ANGELES ST FABENS TX 79838-9838	https://epcad.org/Search
RUDY LOPEZ	C705000000H0700	7717	E GARNET LN	H COBOS QUADRILLA 7 & 8	7717 E GARNET LN SPOKANE WA 99212-3527	https://gis.elpasotexas.gov/pdnmapajs/
RODY LOPEZ	C705000000H0500	7717	E GARNET LIN		7/17 E GARNET EN SPORANE WA 77212-3327	https://epcad.org/Search https://gis.elpasotexas.gov/pdnmapajs/
ANA M. & ORTAN (EST) OCHOA	C703000000110300	357	ROSARIO	H COBOS QUADRILLA S 1/2 OF 5 & 6 (7200 SQ FT)	357 ROSARIO CLINT TX 79836-5917	https://epcad.org/Search
THE THE CONTROL (CO.) CONTROL	C705000000H05A0	007	noonno			https://gis.elpasotexas.gov/pdnmapajs/
JUANA V. (LE) HERNANDEZ & RUBEN VILLAGR		359	ROSARIO	H COBOS QUADRILLA N 1/2 OF 5 & 6 (HOMESITE) (4800 SQ FT)	359 ROSARIO ST CLINT TX 79836-5917	https://epcad.org/Search
	C70500000000300			O COBOS QUADRILLA 1 & 2 (14400.00 SQ FT)		https://gis.elpasotexas.gov/pdnmapajs/
CATHOLIC DIOCESE OF EL PASO		499	SAINT MATTHEWS	0 00003 Q0/IDINEDITIA 2 (14400.00 3Q1 1)	499 SAINT MATTHEWS ST EL PASO TX 79907-4214	https://epcad.org/Search
CATHOLIC DIOCECE OF EL DACO	C70500000000400	499	CAINT MATTUEWC	O COBOS QUADRILLA 3 & 4 (14400.00 SQ FT)	499 SAINT MATTHEWS ST EL PASO TX 79907-4214	https://gis.elpasotexas.gov/pdnmapajs/
CATHOLIC DIOCESE OF EL PASO	C70500000000700	499	SAINT MATTHEWS		499 SAIIVI WATTHEWS STELPASO TX 19901-4214	https://epcad.org/Search https://gis.elpasotexas.gov/pdnmapajs/
JOSEFA RIVERA & 2	C70300000000100	15220	LOS ANGELES	O COBOS QUADRILLA 7 & 8 (14400 SQ FT)	15220 LOS ANGELES DR CLINT TX 79836-5919	https://epcad.org/Search
	C70500000000500			O CODOS CHADDILLA LOT E (HOMEOTE) (COO CO CO CO)		https://gis.elpasotexas.gov/pdnmapajs/
REYNOLFO PEREZ & BEATRIZ		934	FABENS	O COBOS QUADRILLA LOT 5 (HOMESITE) (3600.00 SQ FT)	PO BOX 934 FABENS TX 79838-0934	https://epcad.org/Search
	C705000000A0100			A COBOS QUADRILLA LOT 1 (7254 SQ FT)		https://gis.elpasotexas.gov/pdnmapajs/
SOCORRO & EMILIA GARDEA	070500055 * * * * * * *	400	FABENS	7. 33333 QS.13.NEBTEOT 1 (1207 3Q1 1)	PO BOX 400 FABENS TX 79838-0400	https://epcad.org/Search
SOCOPPO & EMILIA CAPDEA	C705000000A0200	15252	CUADRILLA	A COBOS QUADRILLA LOT 2 (7316 SQ FT)	PO BOX 400 FABENS TX 79838-0400	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
SOCORRO & EMILIA GARDEA		15253	CUADRILLA	· · · · · · · · · · · · · · · · · · ·	1 O DON 400 I NDENO IN 77030-0400	парэлгериацију осани

C705000000G0800					https://qis.elpasotexas.gov/pdnmapajs/
	358	ROSARIO	COBOS QUADRILLA LOT 8 (7200 SQ FT)	PO BOX 2952 FABENS TX 79838-2952	https://epcad.org/Search
C705000000G0200	15229	LOS ANGELES	G COBOS QUADRILLA 2 & SLY 30 FT OF 1 (10800 SQ FT)	15229 LOS ANGELES ST CLINT TX 79836-5919	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
C705000000G0700	15229	LOS ANGELES	COBOS CUADRILLA REAPPRAISAL	15229 LOS ANGELES ST CLINT TX 79836-5919	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
C705000000G03A0	15229	LOS ANGELES	G COBOS QUADRILLA NLY 40 FT OF 3 (4800 SQ FT)	15229 LOS ANGELES ST. CLINT TX 79836-5919	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
C705000000G0300			G COBOS QUADRILLA 4 & SLY 20 FT OF 3 (9600 SQ FT)		https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
C705000000G0500			G COBOS QUADRILLA WLY 1/2 OF 5 & 6 (7200 SQ FT)		https://gis.elpasotexas.gov/pdnmapajs/
C705000000G05A0	355	REFUGIO	,	15260 SOCORRO RD CLINT TX 79836-5920	https://epcad.org/Search https://gis.elpasotexas.gov/pdnmapajs/
	359	REFUGIO	G COBOS QUADRILLA ELY 1/2 OF 5 & 6 (7200 SQ FT)	15260 SOCORRO RD CLINT TX 79836-5920	https://epcad.org/Search
S075000040013F0	15290	SOCORRO	40 SAN ELIZARIO TR 13-F (0.414 AC)	15290 SOCORRO RD CLINT TX 79836-5920	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S075000040013M1	15294	SOCORRO	40 SAN ELIZARIO TR 13-M (0.9997 AC)	15294 SOCORRO RD CLINT TX 79836-5920	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S075000041002A8	500	W OVERLAND AVE	41 SAN ELIZARIO TR 2-B-1 (5.7206 AC)	500 W OVERLAND AVE EL PASO TX 79901-1085	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S075000041002A1			41 SAN ELIZARIO TR 2-A-1 (7.5887 AC)		https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S075000041002A9			41 SAN FUZARIO TR 2.R.2 /11 9676 AC)		https://gis.elpasotexas.gov/pdnmapajs/
C0E000011E04100	500	W OVERLAND AVE	41-5/11 ELIZINIO TR Z D Z (11.707070)	500 W OVERLAND AVE EL PASO TX 79901-1085	https://epcad.org/Search
	506	S STANTON	115 CAMPBELL LOT 14 (3120 SQ FT)	7415 W US HIGHWAY 24 CASCADE CO 80809	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S07500004100400	500	W OVERLAND AVE	41 SAN ELIZARIO TR 4 (55.95 AC)	500 W OVERLAND AVE EL PASO TX 79901-1085	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S07500004100500	500	W OVERLAND AVE	41 SAN ELIZARIO TR 5 (1.63 AC)	500 W OVERLAND AVE EL PASO TX 79901-1085	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S075000041001B0	500		41 SAN ELIZARIO TR 1-B (45.12 AC)	500 W OVERLAND AVE EL PASO TX 79901-1085	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S075000041001A0			41 SAN ELIZARIO TR 1-A (2.78 AC)		https://gis.elpasotexas.gov/pdnmapajs/
S075000041006B0	500		41 CAN ELIZADIO TO 4 D /24 242 AC)		https://epcad.org/Search https://gis.elpasotexas.gov/pdnmapajs/
C07E000041004C0	500	W OVERLAND AVE	41 SAIV ELIZARIO TR 0-B (30.202 AC)	500 W OVERLAND AVE EL PASO TX 79901-1085	https://epcad.org/Search https://gis.elpasotexas.gov/pdnmapajs/
	500	W OVERLAND AVE	41 SAN ELIZARIO TR 6-B-1 (6.248 AC)	500 W OVERLAND AVE EL PASO TX 79901-1085	https://epcad.org/Search
S075000042001C0	500	W OVERLAND AVE	42 SAN ELIZARIO TR 1-B-1 (12.04 AC) TR 2-A (244.13 AC) (256.17 AC)	500 W OVERLAND AVE EL PASO TX 79901-1085	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S075000042001A0	15920	CUADRILLA	42 SAN ELIZARIO TR 1-A (52.7500 AC)	500 W OVERLAND AVE STE 300 EL PASO TX 79901-1086	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S07500000201300			2 SAN ELIZARIO TR 13 (24.347 AC)	PO BOX 2010 FABENS TX 79838-2010	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S075000042006A3			42 SAN ELIZARIO TR 4-A-4 (12.2200 AC)		https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S075000001012C0	030	ARTESIA	1 SAN ELIZADIO TD 12 C (12 57 AC)		https://gis.elpasotexas.gov/pdnmapajs/
\$07500000101244	1517	E MISSOURI	I SAN ELIZANIO TR 12-0 (12.97 AU)	1517 E MISSOURI AVE EL PASO TX 79902-5615	https://epcad.org/Search https://gis.elpasotexas.gov/pdnmapajs/
5070000001012A4	1517	E MISSOURI	1 SAN ELIZARIO TR 12-A-1 (17.3730 AC) TR 12-E-2 (0.013 AC) (17.3860 AC)	1517 E MISSOURI AVE EL PASO TX 79902-5615	https://epcad.org/Search
	C70500000G03A0 C70500000G03A0 C70500000G0300 C70500000G0500 C70500000G05A0 S075000040013F0 S075000041002A1 S075000041002A1 S075000041002A9 C05099911506100 S07500004100400 S075000041001B0 S075000041001A0 S075000041006B0 S075000041006C0 S075000042001C0 S075000042001A0 S075000042001A0 S075000042001A0 S0750000042001A0	358	358	C70500000G0200	C0050000000000000000000000000000000000

CHASE FARMS LLC

PO BOX 658

ARTESIA, NM 88211-0658

RYAN J. HARDING

15294 SOCORRO RD

CLINT, TX 79836-5920

FFR ENTERPRISES INC

500 W OVERLAND AVE EL PASO, TX 79901-1085

STUBBORN FLOWER LLC & ANIDIS **HOMES INC & 1** 

7415 W US HIGHWAY 24 CASCADE, CO 80809

**GRIJALVA CHILDREN TRUST** 

PO BOX 2010

FABENS, TX 79838-2010

**JOHN MUNOZ** 

1517 E MISSOURI AVE EL PASO, TX 79902-5615

EMMA C & ROBERTO ORTIZ & 1

308 TORREON ST CLINT, TX 79836-5900 **ROBERT KIMPEL** 

15260 SOCORRO RD CLINT, TX 79836-5920 **JOEL & BERTA SOSA** 

305 TORREON ST CLINT, TX 79836-5900

FERNANDO & MARINA ROSALES

15199 SOCORRO RD CLINT, TX 79836-5907 ISMAEL MARQUEZ

769 ELIGIO DR SOCORRO, TX 79927-5040 MARIA DEL S & CARLOS A. BRETADO

15250 SOCORRO RD CLINT, TX 79836-5920

**DEBBA BASHIR** 

11815 LEGEND MANOR DR HOUSTON, TX 77082-3079

**IESUS M. & ROSA I. MADRID** 

15201 SOCORRO RD **FABENS, TX 79836** 

MARIA G. PEREZ

15200 LOS ANGELES CLINT, TX 79836-5919

**JOSE JR CERA** 

PO BOX 992 FABENS, TX 79838-0992 **FABIAN OLIVARES** 

15251 SOCORRO RD CLINT, TX 79836-5920 PEDRO IR GONZALES

PO BOX 1920

FABENS, TX 79838-1920

**RAUL G. & ROSA CERA** 

15208 LOS ANGELES ST CLINT, TX 79836-5919

MARIO & MARIA D. CASTILLO

15212 LOS ANGELES ST CLINT, TX 79836-5919

FELIX M. CORRAL

15201 LOS ANGELES ST CLINT, TX 79836-5919

ROSARIO & DOMINGA ESCOBAR

15205 LOS ANGELES ST CLINT, TX 79836-5919

YOLANDA VASOUEZ

15221 LOS ANGELES ST CLINT, TX 79836-5919

CARLOS M. BUENO & MELISSA E.

**ESCOBAR** 

15215 LOS ANGELES ST FABENS, TX 79838-9838

**RUDY LOPEZ** 

7717 E GARNET LN SPOKANE, WA 99212-3527 ANA M. & ORTAN (EST) OCHOA

357 ROSARIO

CLINT, TX 79836-5917

**JUANA V. (LE) HERNANDEZ & RUBEN** 

VILLAGRAN

359 ROSARIO ST CLINT, TX 79836-5917

**CATHOLIC DIOCESE OF EL PASO** 

499 SAINT MATTHEWS ST EL PASO, TX 79907-4214

**JOSEFA RIVERA & 2** 

15220 LOS ANGELES DR CLINT, TX 79836-5919

REYNOLFO PEREZ & BEATRIZ

PO BOX 934

FABENS, TX 79838-0934

#### **SOCORRO & EMILIA GARDEA**

PO BOX 400 FABENS, TX 79838-0400

#### JUAN A. SEPULVEDA

371 CARMEN GINGER RD CLINT, TX 79836-6743

#### MARBELLA G. MANCHA

15153 SOCORRO RD CLINT, TX 79836-5907

#### MIRIAM I. & CYNTHIA R CARREON & 2

7311 CUBA DR EL PASO, TX 79915-1439

#### **RUBEN & MARIA D. ALVAREZ**

15148 SOCORRO RD CLINT, TX 79836-5907

#### MOSES ESCOBAR

PO BOX 2952 FABENS, TX 79838-2952

#### **DE ANDA RICHARD SR & ALICE**

15290 SOCORRO RD CLINT, TX 79836-5920

#### **RODRIGO ESPINOZA**

15151 SOCORRO RD CLINT, TX 79836-5907

#### **RUBEN & MARIA D. ALVAREZ**

15148 SOCORRO RD CLINT, TX 79836-5907

#### **OLGA PORRAS**

PO BOX 1060 SAN ELIZARIO, TX 79849-1060

#### **SIMON MISQUEZ**

15229 LOS ANGELES ST CLINT, TX 79836-5919

#### **JOSE R. OLIVAS**

291 CUADRILLA RD CLINT, TX 79836-8900

#### **ISRAEL & FLORES BARBARA ANN CERA**

15140 SOCORRO RD CLINT, TX 79836-9836

#### **RUBEN & MARIA D. ALVAREZ**

15152 SOCORRO RD CLINT, TX 79836-5907

# ATTACHMENT D

#### Public Involvement Plan Form for Permit and Registration Applications

The Public Involvement Plan is intended to provide applicants and the agency with information about how public outreach will be accomplished for certain types of applications in certain geographical areas of the state. It is intended to apply to new activities; major changes at existing plants, facilities, and processes; and to activities which are likely to have significant interest from the public. This preliminary screening is designed to identify applications that will benefit from an initial assessment of the need for enhanced public outreach.

All applicable sections of this form should be completed and submitted with the permit or registration application. For instructions on how to complete this form, see TCEQ-20960-inst.

#### Section 1. Preliminary Screening

New Permit or Registration Application

New Activity - modification, registration, amendment, facility, etc. (see instructions)

If neither of the above boxes are checked, completion of the form is not required and does not need to be submitted.

#### Section 2. Secondary Screening

Requires public notice,

Considered to have significant public interest, and

Located within any of the following geographical locations:

- Austin
- Dallas
- Fort Worth
- Houston
- San Antonio
- West Texas
- Texas Panhandle
- Along the Texas/Mexico Border
- Other geographical locations should be decided on a case-by-case basis

If all the above boxes are not checked, a Public Involvement Plan is not necessary. Stop after Section 2 and submit the form.

Public Involvement Plan not applicable to this application. Provide **brief** explanation.

TCEQ-20960 (02-09-2023)

#### **Section 3. Application Information**

#### Type of Application (check all that apply):

Air Initial Federal Amendment Standard Permit Title V

Waste Municipal Solid Waste Industrial and Hazardous Waste Scrap Tire

Radioactive Material Licensing Underground Injection Control

Water Quality

Texas Pollutant Discharge Elimination System (TPDES)

Texas Land Application Permit (TLAP)

State Only Concentrated Animal Feeding Operation (CAFO)

Water Treatment Plant Residuals Disposal Permit

Class B Biosolids Land Application Permit

Domestic Septage Land Application Registration

Water Rights New Permit

New Appropriation of Water

New or existing reservoir

Amendment to an Existing Water Right

Add a New Appropriation of Water

Add a New or Existing Reservoir

Major Amendment that could affect other water rights or the environment

#### Section 4. Plain Language Summary

D ' 1	1 1		C 1 1	
Provide 3	hrigt d	accrintion	of planned	activation
I I OVIUE a	титет и	CSCLIDUOL	от планиси	activities.

#### Section 5. Community and Demographic Information

Community information can be found using EPA's EJ Screen, U.S. Census Bureau information, or generally available demographic tools.

Information gathered in this section can assist with the determination of whether alternative language notice is necessary. Please provide the following information.

language notice is n	ecessary. Please pro	ovide the following info	ormation.	
(City)				
(County)				
(Census Tract) Please indicate which City	of these three is the County	e level used for gatherin Census Tract	ng the following informat	tion.
(a) Percent of people	over 25 years of age	e who at least graduated	from high school	
- -		the specified location	race within the specified	location
(d) Percent of Linguis	stically Isolated Hous	seholds by language wit	hin the specified locatior	1
(e) Languages commo	only spoken in area l	by percentage		
(f) Community and/o	or Stakeholder Group	os		
(g) Historic public int	terest or involvemen	t		

#### Section 6. Planned Public Outreach Activities

(a) Is this application subject to the public participation requirements of Title 30 Texas Administrative Code (30 TAC) Chapter 39?

Yes No

(b) If yes, do you intend at this time to provide public outreach other than what is required by rule?

Yes No

If Yes, please describe.

#### If you answered "yes" that this application is subject to 30 TAC Chapter 39, answering the remaining questions in Section 6 is not required.

(c) Will you provide notice of this application in alternative languages?

Yes No

Please refer to Section 5. If more than 5% of the population potentially affected by your application is Limited English Proficient, then you are required to provide notice in the alternative language.

If yes, how will you provide notice in alternative languages?

Publish in alternative language newspaper

Posted on Commissioner's Integrated Database Website

Mailed by TCEQ's Office of the Chief Clerk

Other (specify)

(d) Is there an opportunity for some type of public meeting, including after notice?

Yes No

(e) If a public meeting is held, will a translator be provided if requested?

Yes No

(f) Hard copies of the application will be available at the following (check all that apply):

TCEQ Regional Office

TCEQ Central Office

Public Place (specify)

#### Section 7. Voluntary Submittal

For applicants voluntarily providing this Public Involvement Plan, who are not subject to formal public participation requirements.

Will you provide notice of this application, including notice in alternative languages?

Yes No

What types of notice will be provided?

Publish in alternative language newspaper

Posted on Commissioner's Integrated Database Website

Mailed by TCEQ's Office of the Chief Clerk

Other (specify)

### **ATTACHMENT E**

SOLICITUD. Aplicacion. Lower Valley Water District, ubicado en 1557 Farm-to-Market Road 1110, Clint, Texas 79836, ha presentado una solicitud ante la Comisión de Calidad Ambiental de Texas (TCEQ) para obtener el Permiso propuesto del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) No. WQ0016756001 (ID de la EPA No. TX0147648), con el fin de autorizar la descarga de aguas residuales tratadas en un volumen que no exceda un flujo promedio diario de 5,000 galones por día. La planta de tratamiento de aguas residuales domésticas estará ubicada en 341 Cuadrilla Road, Clint, en el Condado de El Paso, Texas 79836. La ruta de descarga será desde el sitio de la planta, a través de una tubería, hasta River Drain; de allí al Canal de Aguas Residuales de Fabens; y luego al Río Grande aguas abajo de la Presa de Desvío Riverside (Riverside Diversion Dam). TCEQ recibió esta solicitud el 21 de febrero de 2024. La solicitud de permiso estará disponible para su revisión y copia en el edificio principal de Lower Valley Water District, 1557 Farm-to-Market Road 1110, Clint, en el Condado de El Paso, Texas, antes de la fecha en que este aviso sea publicado en el periódico. La solicitud, incluidas sus actualizaciones y avisos asociados, está disponible electrónicamente en la siguiente página web: https://www.tceq.texas.gov/permitting/wastewater/pendingpermits/tpdes-applications. Este enlace a un mapa electrónico de la ubicación general del sitio o instalación se proporciona como cortesía pública y no forma parte oficial de la solicitud o del aviso. Para conocer la ubicación exacta, consulte la solicitud: https://gisweb.tceq.texas.gov/LocationMapper/?marker=-106.1983,31.533888&level=18

Puede obtener más información comunicándose con Lower Valley Water District a la dirección anteriormente indicada o llamando al Sr. Gerald Grijalva, Lower Valley Water District, al 915-791-4480.

# CUADRILLA PACKAGED WASTEWATER TREATMENT FACILITY AND SITE IMPROVEMENTS

# TCEQ - DOMESTIC WASTEWATER PERMIT APPLICATION





1557 FM ROAD 1110 CLINT, TEXAS 79836

# TCEQ – 10053 DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST & ADMINISTRATIVE REPORT 1.0



#### TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

# DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

#### Complete and submit this checklist with the application.

APPLICANT NAME: <u>Lower Valley Water District</u>

PERMIT NUMBER (If new, leave blank): WQ00 Click to enter text.

Indicate if each of the following items is included in your application.

Y
N

	1	1		I	IN
Administrative Report 1.0	$\boxtimes$		Original USGS Map	$\boxtimes$	
Administrative Report 1.1	$\boxtimes$		Affected Landowners Map	$\boxtimes$	
SPIF	$\boxtimes$		Landowner Disk or Labels	$\boxtimes$	
Core Data Form	$\boxtimes$		Buffer Zone Map	$\boxtimes$	
Public Involvement Plan Form			Flow Diagram	$\boxtimes$	
Technical Report 1.0			Site Drawing	$\boxtimes$	
Technical Report 1.1			Original Photographs	$\boxtimes$	
Worksheet 2.0			Design Calculations	$\boxtimes$	
Worksheet 2.1			Solids Management Plan		
Worksheet 3.0			Water Balance		
Worksheet 3.1					
Worksheet 3.2					
Worksheet 3.3					
Worksheet 4.0					
Worksheet 5.0					
Worksheet 6.0					
Worksheet 7.0					

For TCEQ Use Only		
Segment Number	County	
Expiration Date	Region	Aller Harry Jels
Permit Number		

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#### TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

## DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

For any questions about this form, please contact the Applications Review and Processing Team at 512-239-4671.

#### Section 1. Application Fees (Instructions Page 26)

Indicate the amount submitted for the application fee (check only one).

Flow	New/Major Amendment	Renewal
<0.05 MGD	\$350.00 ☒	\$315.00 □
≥0.05 but <0.10 M	GD \$550.00 □	\$515.00 □
≥0.10 but <0.25 M	GD \$850.00 □	\$815.00 □
≥0.25 but <0.50 M	GD \$1,250.00 □	\$1,215.00 □
≥0.50 but <1.0 MG	D \$1,650.00 □	\$1,615.00 □
≥1.0 MGD	\$2,050.00 □	\$2,015.00 □
Minor Amendment  Payment Informati	(for any flow) \$150.00 □	
Mailed	Check/Money Order Number: Click to	enter text.
	Check/Money Order Amount: \$350.00	
	Name Printed on Check: Lower Valley W	ater District
EPAY	Voucher Number: Click to enter text.	
Copy of Payr	ment Voucher enclosed? Yes	

#### Section 2. Type of Application (Instructions Page 26)

		- 1 / PC	or application (motractions ruge 20)
a.	Che	eck the box next	to the appropriate authorization type.
	$\boxtimes$	Publicly-Owned	Domestic Wastewater
		Privately-Owned	d Domestic Wastewater
		Conventional W	astewater Treatment
b.	Che ⊠	eck the box next	to the appropriate facility status. Inactive

c.	Che	eck the box next to the appropriate permit type.	3"	
	$\boxtimes$	TPDES Permit		
		TLAP		
2		TPDES Permit with TLAP component		
		Subsurface Area Drip Dispersal System (SADD	S)	
d.	Che	eck the box next to the appropriate application	typ	2
	$\boxtimes$	New		g =
		Major Amendment with Renewal		Minor Amendment with Renewal
		Major Amendment <u>without</u> Renewal		Minor Amendment without Renewal
125		Renewal without changes		Minor Modification of permit
e.	For	amendments or modifications, describe the pro	opo	sed changes: Click to enter text.
f.	For	existing permits:		
	Perr	mit Number: WQ00 Click to enter text.		
	EPA	I.D. (TPDES only): TX Click to enter text.		
	Expi	iration Date: Click to enter text.		
Se	ctic	on 3. Facility Owner (Applicant) an (Instructions Page 26)	ıd (	Co-Applicant Information
A.	The	owner of the facility must apply for the pern	nit.	
		at is the Legal Name of the entity (applicant) ap		ng for this permit?
		er Valley Water District	. , -	
		e lagal name must be smalled exactly as filed wit	h +h	a Tayar Caaratani of Stata County or

(The legal name must be spelled exactly as filed with the Texas Secretary of State, County, or in the legal documents forming the entity.)

If the applicant is currently a customer with the TCEQ, what is the Customer Number (CN)? You may search for your CN on the TCEQ website at <a href="http://www15.tceq.texas.gov/crpub/">http://www15.tceq.texas.gov/crpub/</a>

CN: 600630396

What is the name and title of the person signing the application? The person must be an executive official meeting signatory requirements in *30 TAC § 305.44*.

Prefix: Mr Last Name, First Name: Grijalva, Gerald

Title: General Manager Credential: Click to enter text.

**B.** Co-applicant information. Complete this section only if another person or entity is required to apply as a co-permittee.

What is the Legal Name of the co-applicant applying for this permit?

Click to enter text.

(The legal name must be spelled exactly as filed with the TX SOS, with the County, or in the legal documents forming the entity.)

If the co-applicant is currently a customer with the TCEQ, what is the Customer Number (CN)? You may search for your CN on the TCEO website at: http://www15.tceq.texas.gov/crpub/

CN: Click to enter text.

What is the name and title of the person signing the application? The person must be an executive official meeting signatory requirements in 30 TAC § 305.44.

Prefix: Click to enter text.

Last Name, First Name: Click to enter text.

Title: Click to enter text.

Credential: Click to enter text.

Provide a brief description of the need for a co-permittee: Click to enter text.

#### C. Core Data Form

Complete the Core Data Form for each customer and include as an attachment. If the customer type selected on the Core Data Form is **Individual**, complete **Attachment 1** of Administrative Report 1.0. Attachment 1 included

#### Section 4. Application Contact Information (Instructions Page 27)

This is the person(s) TCEQ will contact if additional information is needed about this application. Provide a contact for administrative questions and technical questions.

A. Prefix: Mr.

Last Name, First Name: Hernandez, Daniel

Title: Project Engineer

Credential: P.E.

Organization Name: Lower Valley Water District

Mailing Address: 1557 F.M. Road 1110

City, State, Zip Code: Clint, TX 79836

Phone No.: 915-791-4480

E-mail Address: dhernandez@lvwd.org

Check one or both:

 $\boxtimes$ **Administrative Contact**   $\boxtimes$ **Technical Contact** 

B. Prefix: Mr.

Last Name, First Name: Long, Ed

Title: Chief Technical Officer

Credential: P.E.

Organization Name: Lower Valley Water District

Mailing Address: 1557 F.M Road 1110

City, State, Zip Code: Clint, TX 79836

Phone No.: 915-791-4480

E-mail Address: elong@lvwd.org

Check one or both:

X **Administrative Contact**  **Technical Contact** 

#### Section 5. Permit Contact Information (Instructions Page 27)

Provide the names and contact information for two individuals that can be contacted throughout the permit term.

A. Prefix: Mr.

Last Name, First Name: Hernandez, Daniel

Title: Project Engineer

Credential: P.E.

Organization Name: Lower Valley Water District

Mailing Address: 1557 F.M. Road 1110

City, State, Zip Code: Clint, TX 79836

Phone No.: 915-791-4480

E-mail Address: dhernandez@lvwd.org

B. Prefix: Mr. Last Name, First Name: Long, Ed

Title: <u>Chief Technical Officer</u> Credential: <u>P.E.</u>
Organization Name: Lower Valley Water District

Mailing Address: 1557 F.M. Road 1110 City, State, Zip Code: Clint, TX 79836

Phone No.: 915-791-4480 E-mail Address: elong@lvwd.org

#### Section 6. Billing Contact Information (Instructions Page 27)

The permittee is responsible for paying the annual fee. The annual fee will be assessed to permits *in effect on September 1 of each year*. The TCEQ will send a bill to the address provided in this section. The permittee is responsible for terminating the permit when it is no longer needed (using form TCEQ-20029).

Prefix: Mr. Last Name, First Name: Jose Hernandez

Title: <u>Chief Financial Officer</u> Credential: Click to enter text.

Organization Name: Lower Valley Water District

Mailing Address: 1557 F.M. Road 1110 City, State, Zip Code: Clint, TX 79836

Phone No.: 915-791-4480 E-mail Address: jhernandez@lvwd.org

#### Section 7. DMR/MER Contact Information (Instructions Page 27)

Provide the name and complete mailing address of the person delegated to receive and submit Discharge Monitoring Reports (DMR) (EPA 3320-1) or maintain Monthly Effluent Reports (MER).

Prefix: Mr. Last Name, First Name: Hernandez, Daniel

Title: <u>Project Engineer</u> Credential: <u>P.E.</u>
Organization Name: Lower Valley Water District

Mailing Address: 1557 F.M. Road 1110 City, State, Zip Code: Clint, TX 79836

Phone No.: 915-791-4480 E-mail Address: dhernandez@lvwd.org

#### Section 8. Public Notice Information (Instructions Page 27)

#### A. Individual Publishing the Notices

Prefix: Mr. Last Name, First Name: Grijalva, Gerald

Title: General Manager Credential: Click to enter text.

Organization Name: Lower Valley Water District

Mailing Address: 1557 F.M. 1110 City, State, Zip Code: Clint, TX 79836

Phone No.: 915-791-4480 E-mail Address: ggrijalva@lvwd.org

В.		ethod for Receiving Notice of Receipt and Intent to Obtain a Water Quality Permit ckage
	In	dicate by a check mark the preferred method for receiving the first notice and instructions
		E-mail Address
		Fax
	$\boxtimes$	Regular Mail
C.	Co	ontact permit to be listed in the Notices
	Pr	efix: <u>Mr.</u> Last Name, First Name: <u>Grijalva, Gerald</u>
	Ti	tle: General Manager Credential: Click to enter text.
-	Or	ganization Name: Lower Valley Water District
	Ma	ailing Address: 1557 F.M. 1110 City, State, Zip Code: Clint, TX 79836
	Ph	one No.: 915-791-4480 E-mail Address: ggrijalva@lvwd.org
D.	Pu	blic Viewing Information
		the facility or outfall is located in more than one county, a public viewing place for each unty must be provided.
	Pu	blic building name: Lower Valley Water District Main Building
	Lo	cation within the building: Front Room
	Ph	ysical Address of Building: <u>1557 F.M Road 1110</u>
	Ci	ty: <u>Clint</u> County: <u>El Paso</u>
	Co	ntact (Last Name, First Name): <u>Gerald Grijalva, General Manager</u>
	Ph	one No.: <u>915-791-4480</u> Ext.: Click to enter text.
E.	Bil	ingual Notice Requirements
		is information <b>is required</b> for <b>new, major amendment, minor amendment or minor odification, and renewal</b> applications.
	be	is section of the application is only used to determine if alternative language notices will needed. Complete instructions on publishing the alternative language notices will be in ur public notice package.
	ob	ease call the bilingual/ESL coordinator at the nearest elementary and middle schools and tain the following information to determine whether an alternative language notices are quired.
	1.	Is a bilingual education program required by the Texas Education Code at the elementary or middle school nearest to the facility or proposed facility?
		⊠ Yes □ No
		If <b>no</b> , publication of an alternative language notice is not required; <b>skip to</b> Section 9 below.
	2.	Are the students who attend either the elementary school or the middle school enrolled is a bilingual education program at that school?
		⊠ Yes □ No

3. Do the students at these schools attend a bilingual education program at another location?
⊠ Yes □ No
4. Would the school be required to provide a bilingual education program but the school has waived out of this requirement under 19 TAC §89.1205(g)?
⊠ Yes □ No
5. If the answer is <b>yes</b> to <b>question 1, 2, 3, or 4</b> , public notices in an alternative language are required. Which language is required by the bilingual program? <u>Spanish</u>
Plain Language Summary Template
Complete the Plain Language Summary (TCEQ Form 20972) and include as an attachment.
Attachment: Included
Public Involvement Plan Form
Complete the Public Involvement Plan Form (TCEQ Form 20960) for each application for a
new permit or major amendment to a permit and include as an attachment.
Attachment: Click to enter text.
ection 9. Regulated Entity and Permitted Site Information (Instructions
Page 29)
If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. RN 101185676
Search the TCEQ's Central Registry at <a href="http://www15.tceq.texas.gov/crpub/">http://www15.tceq.texas.gov/crpub/</a> to determine if the site is currently regulated by TCEQ.
Name of project or site (the name known by the community where located):
Cuadrilla Subdivision
Owner of treatment facility: Lower Valley Water District
Ownership of Facility: ⊠ Public □ Private □ Both □ Federal
Owner of land where treatment facility is or will be:
Prefix: Click to enter text. Last Name, First Name: Click to enter text.
Title: Click to enter text. Credential: Click to enter text.
Organization Name: Lower Valley Water District
Mailing Address: 1557 F.M. Road 1110 City, State, Zip Code: Clint, TX 79836
Phone No.: 915-791-4480 E-mail Address: ggrijalva@lvwd.org
If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.
Attachment: N/A (Land Owner is Facility Owner)

**F.** '

G.

B.

C.

D.

	Prefix: <u>N/A</u>	Last Name, First Name:
	Title: Click to enter text.	Credential: Click to enter text.
	Organization Name: <u>El Paso Coun</u>	ty Water Improvement District #1
	Mailing Address: 13247 Alameda A	ve. City, State, Zip Code: Clint, TX 79836
	Phone No.: <u>915-872-4000</u>	E-mail Address: jornelas@epcwid1.org
	If the landowner is not the same agreement or deed recorded ease	person as the facility owner or co-applicant, attach a lease ement. See instructions.
	Attachment: <u>N/A</u>	
F.	Owner sewage sludge disposal si property owned or controlled by	te (if authorization is requested for sludge disposal on the applicant)::
	Prefix: Click to enter text.	Last Name, First Name: Click to enter text.
	Title: Click to enter text.	Credential: Click to enter text.
	Organization Name: Click to ente	er text.
	Mailing Address: Click to enter to	ext. City, State, Zip Code: Click to enter text.
	Phone No.: Click to enter text.	E-mail Address: Click to enter text.
	If the landowner is not the same agreement or deed recorded ease	person as the facility owner or co-applicant, attach a lease ement. See instructions.
	Attachment: Click to enter te	xt.
Se	ection 10. TPDES Discharg	ge Information (Instructions Page 31)
		ge Information (Instructions Page 31) ity location in the existing permit accurate?
	Is the wastewater treatment facil  ✓ Yes □ No  If no, or a new permit application	
	Is the wastewater treatment facil  ☑ Yes □ No	ity location in the existing permit accurate?
	Is the wastewater treatment facil  ✓ Yes □ No  If no, or a new permit application	ity location in the existing permit accurate?
A.	Is the wastewater treatment facil  ✓ Yes □ No  If no, or a new permit application N/A	ity location in the existing permit accurate?
A.	Is the wastewater treatment facil  ✓ Yes □ No  If no, or a new permit application N/A	ity location in the existing permit accurate?  on, please give an accurate description:
A.	Is the wastewater treatment facil	ity location in the existing permit accurate?  on, please give an accurate description:
A.	Is the wastewater treatment facil	ity location in the existing permit accurate?  on, please give an accurate description:  the discharge route(s) in the existing permit correct?  ermit application, provide an accurate description of the
A.	Is the wastewater treatment facil	ity location in the existing permit accurate?  on, please give an accurate description:  the discharge route(s) in the existing permit correct?  ermit application, provide an accurate description of the arge route to the nearest classified segment as defined in 30 as the Cuadrilla WWTP, heading west along Cuadrilla Road. It then turns south on Socorrogain into an existing easement, which leads to the River Drain where the discharge occurs. For approximately 3.65 miles along the River Drain, and then continues along the Fabens until the final discharge into segment 2307 of the Rio Grande Basin
A.	Is the wastewater treatment facil	on, please give an accurate description:  the discharge route(s) in the existing permit correct?  ermit application, provide an accurate description of the arge route to the nearest classified segment as defined in 30 at the Cuadrilla WWTP, heading west along Cuadrilla Road. It then turns south on Socorrogain into an existing easement, which leads to the River Drain where the discharge occurs. For approximately 3.65 miles along the River Drain, and then continues along the Fabens until the final discharge into segment 2307 of the Rio Grande Basin
A.	Is the wastewater treatment facil	on, please give an accurate description:  the discharge route(s) in the existing permit correct?  ermit application, provide an accurate description of the arge route to the nearest classified segment as defined in 30 sthe Cuadrilla WWTP, heading west along Cuadrilla Road. It then turns south on Socorrogain into an existing easement, which leads to the River Drain where the discharge occurs. For approximately 3.65 miles along the River Drain, and then continues along the Fabens until the final discharge into segment 2307 of the Rio Grande Basin  s. TX  s/are located: El Paso County discharge to a city, county, or state highway right-of-way, or

**E.** Owner of effluent disposal site:

	If <b>yes</b> , indicate by a check mark if:
	☐ Authorization granted ☐ Authorization pending
	For <b>new and amendment</b> applications, provide copies of letters that show proof of contact and the approval letter upon receipt.
υť,	Attachment: N/A
D.	For all applications involving an average daily discharge of 5 MGD or more, provide the names of all counties located within 100 statute miles downstream of the point(s) of discharge: $\underline{N/A}$
Se	ection 11. TLAP Disposal Information (Instructions Page 32)
Α.	For TLAPs, is the location of the effluent disposal site in the existing permit accurate?
	□ Yes ⊠ No
	If <b>no, or a new or amendment permit application</b> , provide an accurate description of the disposal site location:
	N/A
B.	City nearest the disposal site: $N/A$
C.	County in which the disposal site is located: $N/A$
D.	For <b>TLAPs</b> , describe the routing of effluent from the treatment facility to the disposal site:
	N/A
E.	For <b>TLAPs</b> , please identify the nearest watercourse to the disposal site to which rainfall
	runoff might flow if not contained: Click to enter text.
Sa	ction 12. Miscellaneous Information (Instructions Page 32)
Α.	Is the facility located on or does the treated effluent cross American Indian Land?
_	□ Yes ⊠ No
В.	If the existing permit contains an onsite sludge disposal authorization, is the location of the sewage sludge disposal site in the existing permit accurate?
	□ Yes □ No ৷ Not Applicable
	If No, or if a new onsite sludge disposal authorization is being requested in this permit application, provide an accurate location description of the sewage sludge disposal site.
	N/A

C.	Did any person formerly employed by the TCEQ represent your company and get paid for service regarding this application?
	□ Yes ⊠ No
	If yes, list each person formerly employed by the TCEQ who represented your company and was paid for service regarding the application: Click to enter text.
D.	Do you owe any fees to the TCEQ?
	□ Yes ⊠ No
	If <b>yes</b> , provide the following information:
	Account number: Click to enter text.
	Amount past due: Click to enter text.
E.	Do you owe any penalties to the TCEQ?
	□ Yes ⊠ No
	If <b>yes</b> , please provide the following information:
	Enforcement order number: <u>N/A</u>
	Amount past due: Click to enter text.
Se	ection 13. Attachments (Instructions Page 33)
Ind	dicate which attachments are included with the Administrative Report. Check all that apply:
	Lease agreement or deed recorded easement, if the land where the treatment facility is located or the effluent disposal site are not owned by the applicant or co-applicant.
$\boxtimes$	Original full-size USGS Topographic Map with the following information:
	<ul> <li>Applicant's property boundary</li> <li>Treatment facility boundary</li> <li>Labeled point of discharge for each discharge point (TPDES only)</li> <li>Highlighted discharge route for each discharge point (TPDES only)</li> <li>Onsite sewage sludge disposal site (if applicable)</li> <li>Effluent disposal site boundaries (TLAP only)</li> <li>New and future construction (if applicable)</li> <li>1 mile radius information</li> <li>3 miles downstream information (TPDES only)</li> <li>All ponds.</li> </ul>
	Attachment 1 for Individuals as co-applicants
	Other Attachments. Please specify: Click to enter text.

#### Section 14. Signature Page (Instructions Page 34)

If co-applicants are necessary, each entity must submit an original, separate signature page.

Permit Number: Click to enter text.

Applicant: Lower Valley Water District

Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

I further certify that I am authorized under 30 Texas Administrative Code § 305.44 to sign and submit this document, and can provide documentation in proof of such authorization upon request.

Signatory name	(typed	or printed):	Gerald Grijalva
----------------	--------	--------------	-----------------

Signatory title: General Manager

Signature: Land Land	Date: 6-25-7024	6-25-2024			
(Use blue ink)					

Subscribed and Sworn to	before me by the said <u>Corald</u>	Grijalva
on this $25^{4}$	day of June	, 20 24.

My commission expires on the  $1/1^{\frac{1}{12}}$  day of  $\frac{1}{12}$  day of  $\frac{1}{12}$  day of  $\frac{1}{12}$ 

Notary Public

ALFONSO ATILANO
Notary Public, State of Texas
Comm. Expires 06-11-2028
Notary ID 11340550

[SEAL]

County, Texas

## DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

The following information is required for new and amendment applications.

#### Section 1. Affected Landowner Information (Instructions Page 36)

A.	Indicate by a check mark that the landowners map or drawing, with scale, includes the following information, as applicable:									
	$\boxtimes$	The applicant's property boundaries								
		The facility site boundaries within the applicant's property boundaries								
		The distance the buffer zone falls into adjacent properties and the property boundaries of the landowners located within the buffer zone								
		The property boundaries of all landowners surrounding the applicant's property (Note: if the application is a major amendment for a lignite mine, the map must include the property boundaries of all landowners adjacent to the new facility (ponds).)								
	$\boxtimes$	The point(s) of discharge and highlighted discharge route(s) clearly shown for one mile downstream								
		The property boundaries of the landowners located on both sides of the discharge route for one full stream mile downstream of the point of discharge								
☐ The property boundaries of the landowners along the watercourse for a one-half m radius from the point of discharge if the point of discharge is into a lake, bay, estu or affected by tides										
		The boundaries of the effluent disposal site (for example, irrigation area or subsurface drainfield site) and all evaporation/holding ponds within the applicant's property								
		The property boundaries of all landowners surrounding the effluent disposal site								
		The boundaries of the sludge land application site (for land application of sewage sludge for beneficial use) and the property boundaries of landowners surrounding the applicant's property boundaries where the sewage sludge land application site is located								
		The property boundaries of landowners within one-half mile in all directions from the applicant's property boundaries where the sewage sludge disposal site (for example, sludge surface disposal site or sludge monofill) is located								
В.		Indicate by a check mark that a separate list with the landowners' names and mailing resses cross-referenced to the landowner's map has been provided.								
C.	Indi	cate by a check mark in which format the landowners list is submitted:								
		☐ USB Drive ☐ Four sets of labels								
D.	Prov	ride the source of the landowners' names and mailing addresses: Click to enter text.								
E.		equired by <i>Texas Water Code § 5.115</i> , is any permanent school fund land affected by application?								
		□ Yes ⊠ No								

	0		
	lf y		provide the location and foreseeable impacts and effects this application has on the
	N/		
		×.	
: 5	-		one resonant of the contract o
Se	ectio	on	2. Original Photographs (Instructions Page 38)
			riginal ground level photographs. Indicate with checkmarks that the following on is provided.
	$\boxtimes$	Α	t least one original photograph of the new or expanded treatment unit location
		d a e	t least two photographs of the existing/proposed point of discharge and as much area ownstream (photo 1) and upstream (photo 2) as can be captured. If the discharge is to n open water body (e.g., lake, bay), the point of discharge should be in the right or left dge of each photograph showing the open water and with as much area on each espective side of the discharge as can be captured.
	$\boxtimes$	A	t least one photograph of the existing/proposed effluent disposal site
	$\boxtimes$	A	plot plan or map showing the location and direction of each photograph
Se	ectio	on	3. Buffer Zone Map (Instructions Page 38)
A.	info	rm	zone map. Provide a buffer zone map on $8.5 \times 11$ -inch paper with all of the following nation. The applicant's property line and the buffer zone line may be distinguished by dashes or symbols and appropriate labels.
	9	•	The applicant's property boundary; The required buffer zone; and Each treatment unit; and The distance from each treatment unit to the property boundaries.
В.			zone compliance method. Indicate how the buffer zone requirements will be met. all that apply.
	נ	$\boxtimes$	Ownership
	į	3	Restrictive easement
	[		Nuisance odor control
	[		Variance
C.			able site characteristics. Does the facility comply with the requirements regarding able site characteristic found in 30 TAC § 309.13(a) through (d)?
	Ċ		Yes 🛛 No

# DOMESTIC WASTEWATER PERMIT APPLICATION SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

This form applies to TPDES permit applications only. Complete and attach the Supplemental Permit information Form (SPIF) (TCEQ Form 20971).

Attachment: Click to enter text.

#### WATER QUALITY PERMIT

#### **PAYMENT SUBMITTAL FORM**

#### Use this form to submit the Application Fee, if the mailing the payment.

- Complete items 1 through 5 below.
- Staple the check or money order in the space provided at the bottom of this document.
- Do Not mail this form with the application form.
- Do not mail this form to the same address as the application.
- Do not submit a copy of the application with this form as it could cause duplicate permit entries.

#### Mail this form and the check or money order to:

BY REGULAR U.S. MAIL

Austin, Texas 78711-3088

Texas Commission on Environmental Quality Financial Administration Division Cashier's Office, MC-214 P.O. Box 13088 BY OVERNIGHT/EXPRESS MAIL

Texas Commission on Environmental Quality Financial Administration Division Cashier's Office, MC-214 12100 Park 35 Circle Austin, Texas 78753

#### Fee Code: WQP Waste Permit No: Click to enter text.

- 1. Check or Money Order Number: Click to enter text.
- 2. Check or Money Order Amount: Click to enter text.
- 3. Date of Check or Money Order: Click to enter text.
- 4. Name on Check or Money Order: Click to enter text.
- 5. APPLICATION INFORMATION

Name of Project or Site: Click to enter text.

Physical Address of Project or Site: Click to enter text.

If the check is for more than one application, attach a list which includes the name of each Project or Site (RE) and Physical Address, exactly as provided on the application.

#### Staple Check or Money Order in This Space

#### **ATTACHMENT 1**

#### INDIVIDUAL INFORMATION

#### Section 1. Individual Information (Instructions Page 41)

Complete this attachment if the facility applicant or co-applicant is an individual. Make additional copies of this attachment if both are individuals.

Prefix (Mr., Ms., Miss): Click to enter text.

Full legal name (Last Name, First Name, Middle Initial): Click to enter text.

Driver's License or State Identification Number: Click to enter text.

Date of Birth: Click to enter text.

Mailing Address: Click to enter text.

City, State, and Zip Code: Click to enter text.

Phone Number: Click to enter text. Fax Number: Click to enter text.

E-mail Address: Click to enter text.

CN: Click to enter text.

#### For Commission Use Only:

**Customer Number:** 

Regulated Entity Number:

Permit Number:

## DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

Below is a list of common deficiencies found during the administrative review of domestic wastewater permit applications. To ensure the timely processing of this application, please review the items below and indicate by checking Yes that each item is complete and in accordance applicable rules at 30 TAC Chapters 21, 281, and 305. If an item is not required this application, indicate by checking N/A where appropriate. Please do not submit the application until the items below have been addressed.

Core Data Form (TCEQ Form No. 10400) (Required for all application types. Must be completed in its entirety a Note: Form may be signed by applicant representative.)	igned.		Yes	
Correct and Current Industrial Wastewater Permit Application Forms (TCEQ Form Nos. 10053 and 10054. Version dated 6/25/2018 or late		Yes		
Water Quality Permit Payment Submittal Form (Page 19) (Original payment sent to TCEQ Revenue Section. See instructions for	mai	iling ad	□ dress	Yes
7.5 Minute USGS Quadrangle Topographic Map Attached (Full-size map if seeking "New" permit. 8 ½ x 11 acceptable for Renewals and Amendments)				Yes
Current/Non-Expired, Executed Lease Agreement or Easement		N/A		Yes
Landowners Map (See instructions for landowner requirements)		Yes		
<ul> <li>Things to Know:</li> <li>All the items shown on the map must be labeled.</li> <li>The applicant's complete property boundaries must be deboundaries of contiguous property owned by the applicant.</li> <li>The applicant cannot be its own adjacent landowner. You landowners immediately adjacent to their property, regard from the actual facility.</li> <li>If the applicant's property is adjacent to a road, creek, or son the opposite side must be identified. Although the propapplicant's property boundary, they are considered potent If the adjacent road is a divided highway as identified on the map, the applicant does not have to identify the landowned the highway.</li> </ul>	t. mus lless strea perticially the U	t identi of how m, the es are r affecte (SGS top	fy the far lande l	e they are owners djacent to idowners. aphic
Landowners Cross Reference List (See instructions for landowner requirements)		N/A		Yes
Landowners Labels or USB Drive attached (See instructions for landowner requirements)		N/A		Yes
Original signature per 30 TAC § 305.44 - Blue Ink Preferred If signature page is not signed by an elected official or principle exect In copy of signature authority/delegation letter must be attached)	utive	e officer	; ;	Yes
Plain Language Summary				Yes

TCEQ-10053 (01/09/2024) Domestic Wastewater Permit Application Administrative Report

Page 17 of 17

# TCEQ – 10400 TCEQ CORE DATA FORM



#### **TCEQ Core Data Form**

TCEQ Use Only

For detailed instructions regarding completion of this form, please read the Core Data Form Instructions or call 512-239-5175.

1. Reason fo	or Submiss		is checked plea											
						1		e program applicatio	n.)					
Cont. Cont.			d be submitted	With the rene	ewai tomi)		Other			77 f				
	630396	Number (if is	suea)	for CN or F	Follow this link to search for CN or RN numbers in Central Registry**			3. Regulated Entity Reference Number (if issued)  RN 112173570						
ECTION	II: Cus	tomer Inf	formation											
4. General C	ustomer la	nformation	5. Effective	Date for Cu	stomer li	nformatio	n Upo	dates (mm/dd/yyyy)						
☐ New Cus		ne (Verifiable w		Update to Co Secretary of S				Change in		Entity Ownership				
			d here may i	THE RESERVE THE PERSON NAMED IN				ed on what is cu s (CPA).	rrent and	active with the				
6. Custome	Legal Nan	ne (If an individu	al, print last nam	ne first: eg: Do	e, John)		fnew	Customer, enter previ	ious Custom	er below:				
Low	er Val	ley Wate	er Distr	ict	Till by		W							
7. TX SOS/C	PA Filing I	Number	8. TX State	Tax ID (11 dig	Fax ID (11 digits) 9. Federal				10. DUN	S Number (if applicable)				
11. Type of	Customer:	Corpora	tion		] Individua	1	T	Partnership:  Gener	ral 🔲 Limited					
Government	City 🕦 C	County Tederal	State Othe	,	Sole Pro	prietorship	,	Other:	Tally.					
12. Number  0-20	of Employ 21-100	ees 101-250	<b>251-500</b>	501 a	and higher		3. Inc	dependently Owned	l and Opera	ted?				
14. Customo	er Role (Pro	posed or Actual)	– as it relates to	the Regulate	d Entity list	ed on this f	orm. F	Please check one of the	following:					
Owner Occupation	onal License	☐ Oper	ator consible Party		Owner & C		pplica	ant Other:						
	155	7 FM RD	1110											
15. Mailing Address:	TE T													
Addicas.	City	Clint		State	State TX			79836	ZIP+4					
6. Country	Mailing Inf	ormation (if out	tside USA)		1	7. E-Mail	Addr	'ess (if applicable)						
						dhe	rna	ndez@lvwd.	org					
18. Telepho					19. Extension or Code			20. Fax Number (if applicable)						
			- 4:4-, T 5-	041										
			ntity Info		itu" in noto	atad hal-	u thic	form should be acco	mnonind he	a namit application				
	ulated Entity		to Regulated					ted Entity Information		а рення аррисацов				
				be updat			_	TCEQ Agency L		dards (removal				
	ational er	ndings such	as Inc. LP.	or LLC.)										
of organiza			as Inc, LP, of the site wher		d action is t	taking place	9.)							

23. Street Address	of	34	1 Cuadr	ill	a Rd	-				- 4		-11	
the Regulated Entit													
(No PO Boxes)	City		Clint		State		ζ ,	ZIP	798	79836		ZIP + 4	
24. County											1 2	-	
i a grouping car	12 3 02	Ent	ter Physical L	ocatio	n Description	on if no	street a	ddress i	s provio	led.	1	11,767	
25. Description to Physical Location:	F	5	FM 258,	1.5	2 (3)			21			oou	t 0.15	miles.
26. Nearest City			*	1 2		-			State		4	Near	est ZIP Code
City of	San Eli	izar	io							ГХ		79	849
27. Latitude (N) In	Decimal:	70	2 11				28. Lon	gitude (V	V) In	Decimal	- I		
Degrees	Minut			Seco			Degrees	10		Minutes			Seconds
31		3.	2	2	2.76			06	_ [		11	× × 5	54.70
29. Primary SIC Co	de (4 digits)	30.	Secondary SI	C Coc	le (4 digits)		Primary 6 digits)	NAICS C	ode		Seco 6 digit	ndary NAI	CS Code
						T	<b>J</b>			1		-,	
33. What is the Prin	nary Busine							1.)					
			Municipa	al S	Solid W	laste	)						
0.4 84 311													
34. Mailing		15	557 FM F	RD 1	110								
Address:	C	ity	Clint		State	T	K	ZIP	79	9836		ZIP + 4	
35. E-Mail Add	lress:	dhernandez			z@lvwd.	org							
36. Te	lephone Nu	mber			37. Extensi	ion or (	Code		38	. Fax Nu	mbei	(if applica	nble)
(9	15)791 4	448C	)		1110		( ) -						
TCEQ Programs at m. See the Core Data F	nd ID Numb	ers Cho	eck all Programs	and w	vrite in the perr	nits/regi	stration n	umbers tha	at will be	affected b	y the	updates sub	mitted on this
☐ Dam Safety		stricts		_	Edwards Aquif	er		Emissions	Inventor	y Air		ndustrial Ha	zardous Waste
☐ Municipal Solid Wa	ste 🔲 Ne	ew Sou	rce Review Air	OSSF				Petroleum	ım Storage Tank		☐ PWS		
									_				
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☐ Voluntary Cleanup	<b>X</b> W	aste W	ater		Wastewater Aç	gricultur		Nater Righ	nts			Other:	
ECTION IV: 1	Preparei	r Inf	ormation										
. Name:	Daniel	Не	rnandez				41. Titl	e: I	ZVWD	- Pr	oje	ect En	gineer
. Telephone Numbe	er 43	. Ext./0	Code 4	4. Fax	Number		45. E-	Mail Add	ress				
915 <b>)</b> 791- 4480	0	111	LO (		) ~		d	herna	ande	z@lvw	d.c	org	
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TCEQ-10400 (04/15) Page 2 of 2

### **APPLICATION FEE**



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PO Box 1050 • San Efizario, TX 79849-10<sup>e</sup>

stration Division .S. Postal Service<sup>™</sup> CERTIFIED MAIL® RECEIPT mestic Mail Only Postage Certified Fee Return Receipt Fee orsement Required) stricted Delivery Fee lorsument Required)

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### WATER QUALITY PERMIT

### PAYMENT SUBMITTAL FORM

Use this form to submit the Application Fee, if the mailing the payment.

- Complete items I through 5 below.
- Staple the check or money order in the space provided at the bottom of this document.
- Do Not mail this form with the application form.
- Do not mail this form to the same address as the application.
- Do not submit a copy of the application with this form as it could cause duplicate permit

### Mail this form and the check or money order to:

### BY REGULAR U.S. MAIL

Texas Commission on Environmental Quality Financial Administration Division Cashier's Office, MC-214 P.O. Box 13088 Austin, Texas 78711-3088

### BY OVERNIGHT/EXPRESS MAIL

Texas Commission on Environmental Quality Financial Administration Division Cashier's Office, MC-214 12100 Park 35 Circle Austin, Texas 78753

Update as needed

Fee Code: WOP Waste Permit No: Click to enter text.

1. Check or Money Order Number: 144479651

2. Check or Money Order Amount: \$350.00

3. Date of Check or Money Order: 09/27/2022

4. Name on Check or Money Order: Lower Valley Water District

5. APPLICATION INFORMATION

Name of Project or Site: Cuadrilla Improvement

Physical Address of Project or Site: Cuadrilla Road at Socorro Rd.

If the check is for more than one application, attach a list which includes the name of each Project or Site (RE) and Physical Address, exactly as provided on the application.

Staple Check or Money Order in This Space

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WATER DISTRICT Lower Value Operating Acc P.O. Box 909

**Lower Valley Water District** 

Operating Account P.O. Box 909 Clint, Texas 79836

Vendor Name

TEXAS COMMISSION ON ENV QLTY

Vendor Number 3295

Check No.

144479651

Check Date 09/27/2022

Check Date

09/27/2022

Check Number 144479651

Check Amount

\$350.00

\$350.00

\*Three Hundred Fifty Dollars and 00 Cents\*

Pay To the

Vendor No.

3295

TEXAS COMMISSION ON ENV QLTY PO BOX 13088 MC-214

Order Of AUSTIN, TX 78711-3088

FILE COPY NON-NEGOTIABLE





### Dear El Paso Water Customer:

We are pleased to announce our new ServLine® Leak Protection Program to all eligible El Paso Water customers. For residential and single occupancy non-residential customers who see high water bills as the result of a qualifying leak, this program will offer some relief. Starting March 1, 2023, each eligible residential customer will automatically be billed \$0.98 monthly; single occupancy non-residential customers will automatically be billed \$1.42 monthly.

This is an opt-out program, customers who do not want this protection must call (915) 273-3999 to decline charges for the ServLine program.

What are the benefits? Customers enrolled in our new ServLine Leak Protection Program will receive a benefit that will cover the water use above their average bill amount up to \$1,000, caused by a qualifying leak—such as those behind a wall, under a foundation or underground. The program allows for one (1) adjustment per 24 months over a maximum of two (2) billing cycles upon proof of the leak repair. The cost of repairs is not included in this leak protection.\*

What happens if I opt out? Customers who decline the program accept responsibility for water loss charges caused by a water leak. Such customers could then apply for a leak adjustment directly from El Paso Water to cover 50% of their costly water bill, less their baseline amount of consumption from the same month in the prior year.

In our desert community, EPWater hates to see water loss. The utility hopes this program will encourage speedy repairs.

Please look for additional information coming in the mail, customers may call El Paso Water's dedicated ServLine phone number for detailed program guidelines or questions at (915) 273-3999 or visit https://www.epwater.org.

We look forward to this opportunity to enhance our customer service to you.

Respectfully,

El Paso Water

"INFORMATION FOR THE SERVLINE LEAK PROTECTION PROGRAM: HIGH WATER BILLS DUE TO LEAKS OCCURRING AFTER 03/01/2023 WILL BE ADJUSTED THROUGH THIS PROGRAM. PLEASE REFER TO OUR SERVLINE LEAK PROTECTION PROGRAM GUIDELINES FOR QUALIFICATIONS. CANCEL ANYTIME. 30-DAY WAIT PERIOD FOR RE-ENROLLMENT. CALL EL PASO WATER'S DEDICATED SERVLINE PHONE NUMBER ABOVE FOR MORE INFORMATION AND REQUEST A COPY OF THE FULL TERMS AND RESTRICTIONS.

### Synthia Galvan

From: Corina Vega

Sent: Monday, February 24, 2025 10:47 AM

**Fo:** Synthia Galvan

Subject: RE: TCEQ Check# 144479651 Copy

Good morning Ms. Synthia,

Yes, it shows it cleared on 10/05/2022. Let me know if you need anything else.

Thank You,

### Corina Vega

Senior Accountant Lower Valley Water District 1557 FM Road 1110 (915)791-4480 ext. 1078

From: Synthia Galvan <sgalvan@lvwd.org>
Sent: Monday, February 24, 2025 10:24 AM

To: Corina Vega <cvega@lvwd.org>
Subject: TCEQ Check# 144479651 Copy

Good morning Ms. Corina.

May I please trouble to advise if this show this check cleared our bank?

### Synthia Galvan | Administrative Assistant II

Lower Valley Water District 1557 FM 1110 Rd. - P.O. Box 909 Clint, TX 79836 Office (915) 791-4480 ext. 1112 sgalvan@lvwd.org



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From: Corina Vega < <a href="mailto:cvega@lvwd.org">cvega@lvwd.org</a> Sent: Friday, February 21, 2025 4:35 PM

# PLAIN LANGUAGE SUMMARY FOR TPDES PERMIT APPLICATIONS

# TCEQ

### TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

# PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

# Plain Language Summary Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

Applicants should use this template to develop a plain language summary as required by Title 30, Texas Administrative Code (30 TAC), Chapter 39, Subchapter H. Applicants may modify the template as necessary to accurately describe their facility as long as the summary includes the following information: (1) the function of the proposed plant or facility; (2) the expected output of the proposed plant or facility; (3) the expected pollutants that may be emitted or discharged by the proposed plant or facility; and (4) how the applicant will control those pollutants, so that the proposed plant will not have an adverse impact on human health or the environment.

Fill in the highlighted areas below to describe your facility and application in plain language. Instructions and examples are provided below. Make any other edits necessary to improve readability or grammar and to comply with the rule requirements.

If you are subject to the alternative language notice requirements in 30 TAC Section 39.426, you must provide a translated copy of the completed plain language summary in the appropriate alternative language as part of your application package. For your convenience, a Spanish template has been provided below.

### ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS Enter 'INDUSTRIAL' or 'DOMESTIC' here WASTEWATER/STORMWATER

The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 TAC Chapter 39. The information provided in this summary may change during the technical review of the application and is not a federal enforceable representation of the permit application.

The Lower Valley Water District (CN# 600630396) operates the Cuadrilla (RN #101185676), a Wastewater Treatment Plant. The facility is located at 314 Cuadrilla Rd, in Fabens, El Paso County, Texas 79836. The district is requesting a new TPDES permit for the discharge of 4,990 gpd (maximum daily flow) of treated effluent.

Discharges from the facility are expected to contain BOD, CBOD, pH, COD, TSS, Ammonia-N, Nitrate-N, Total Nitrogen, FOG, Phosphorous, Fecal Coliform, Dissolved Oxygen and Turbidity. The domestic wastewater is treated by a Bioclere treatment equipment, which includes a 10,000 gallon FRP primary/equalization tank, a flow equalization assembly, a lift station, a 20,000 gallon FRP effluent tank and a chlorine disinfection system.

PLANTILLA EN ESPAÑOL PARA SOLICITUDES NUEVAS/RENOVACIONES/ENMIENDAS DE TPDES o TLAP

### AGUAS RESIDUALES Introduzca 'INDUSTRIALES' o 'DOMÉSTICAS' aquí /AGUAS PLUVIALES

El siguiente resumen se proporciona para esta solicitud de permiso de calidad del agua pendiente que está siendo revisada por la Comisión de Calidad Ambiental de Texas según lo requerido por el Capítulo 39 del Código Administrativo de Texas 30. La información proporcionada en este resumen puede cambiar durante la revisión técnica de la solicitud y no es una representación ejecutiva fedérale de la solicitud de permiso.

Lower Valley Water District (CN# 600630396) opera la planta Cuadrilla (RN# 101185676), una planta de tratamiento de aguas residuales. La instalación está ubicada en el 314 Cuadrilla , en Fabens, Condado de El Paso, Texas 79836. El Distrito esta solicitando un nuevo permiso TPDES para la descarga de 4,990 galones por dia (flujo maximo diario) de efluente tratado.

Se espera que las descargas de la instalación contengan DBO, DBOC, pH, DQO, SST, Amoniaco-N, Nitrato-N, Nitrogeno Total, Grasas y Aceites (FOG), Fosforo, Coliformes Fecales, Oxigeni Disuelto y Turbidez. El agua domestica residual. están tratado por un equipo Bioclere, que incluye un tanque primario/de ecualización de 10,000 galones de FRP, un conjunto de ecualización de flujo, una estación de bombeo, un tanque fe efluente de FRP de 20,000 galones y un Sistema de desinfección con cloro.

### **INSTRUCTIONS**

- 1. Enter the name of applicant in this section. The applicant name should match the name associated with the customer number.
- 2. Enter the Customer Number in this section. Each Individual or Organization is issued a unique 11-digit identification number called a CN (e.g. CN123456789).
- 3. Choose "operates" in this section for existing facility applications or choose "proposes to operate" for new facility applications.
- 4. Enter the name of the facility in this section. The facility name should match the name associated with the regulated entity number.
- 5. Enter the Regulated Entity number in this section. Each site location is issued a unique 11-digit identification number called an RN (e.g. RN123456789).
- 6. Choose the appropriate article (a or an) to complete the sentence.
- 7. Enter a description of the facility in this section. For example: steam electric generating facility, nitrogenous fertilizer manufacturing facility, etc.
- 8. Choose "is" for an existing facility or "will be" for a new facility.
- 9. Enter the location of the facility in this section.
- 10. Enter the City nearest the facility in this section.
- 11. Enter the County nearest the facility in this section.
- 12. Enter the zip code for the facility address in this section.
- 13. Enter a summary of the application request in this section. For example: renewal to discharge 25,000 gallons per day of treated domestic wastewater, new application to discharge process wastewater and stormwater on an intermittent and flow-variable basis, or major amendment to reduce monitoring frequency for pH, etc. If more than one outfall is included in the application, provide applicable information for each individual outfall.
- 14. List all pollutants expected in the discharge from this facility in this section. If applicable, refer to the pollutants from any federal numeric effluent limitations that apply to your facility.
- 15. Enter the discharge types from your facility in this section (e.g., stormwater, process wastewater, once through cooling water, etc.)
- 16. Choose the appropriate verb tense to complete the sentence.
- 17. Enter a description of the wastewater treatment used at your facility. Include a description of each process, starting with initial treatment and finishing with the outfall/point of disposal. Use additional lines for individual discharge types if necessary.

Questions or comments concerning this form may be directed to the Water Quality Division's Application Review and Processing Team by email at <a href="https://www.wevenue.com/worden/worden/concerning-to-state-new-concerning-to-state-new-concerning-to-state-new-concerning-to-state-new-concerning-to-state-new-concerning-to-state-new-concerning-this form may be directed to the Water Quality Division's Application Review and Processing Team by email at <a href="https://www.wevenue.com/worden/worden/worden/concerning-to-state-new-con

### **Example**

### **Individual Industrial Wastewater Application**

The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 TAC Chapter 39. The information provided in this summary may change during the technical review of the application and are not federal enforceable representations of the permit application.

ABC Corporation (CN600000000) operates the Starr Power Station (RN10000000000), a two-unit gas-fired electric generating facility. Unit 1 has a generating capacity of 393 megawatts (MWs) and Unit 2 has a generating capacity of 528 MWs. The facility is located at 1356 Starr Street, near the City of Austin, Travis County, Texas 78753.

This application is for a renewal to discharge 870,000,000 gallons per day of once through cooling water, auxiliary cooling water, and also authorizes the following waste streams monitored inside the facility (internal outfalls) before it is mixed with the other wastewaters authorized for discharge via main Outfall 001, referred to as "previously monitored effluents" (low-volume wastewater, metal-cleaning waste, and stormwater (from diked oil storage area yards and storm drains)) via Outfall 001. Low-volume waste sources, metal-cleaning waste, and stormwater drains on a continuous and flow-variable basis via internal Outfall 101.

The discharge of once through cooling water via Outfall 001 and low-volume waste and metal-cleaning waste via Outfall 101 from this facility is subject to federal effluent limitation guidelines at 40 CFR Part 423. The pollutants expected from these discharges based on 40 CFR Part 423 are: free available chlorine, total residual chlorine, total suspended solids, oil and grease, total iron, total copper, and pH. Temperature is also expected from these discharges. Additional potential pollutants are included in the Industrial Wastewater Application Technical Report, Worksheet 2.0.

Cooling water and boiler make-up water are supplied by Lake Starr Reservoir. The City of Austin municipal water plant (CN600000000, PWS 00000) supplies the facility's potable water and serves as an alternate source of boiler make-up water. Water from the Lake Starr Reservoir is withdrawn at the intake structure and treated with sodium hypochlorite to prevent biofouling and sodium bromide as a chlorine enhancer to improve efficacy and then passed through condensers and auxiliary equipment on a once-through basis to cool equipment and condense exhaust steam.

Low-volume wastewater from blowdown of boiler Units 1 and 2 and metal-cleaning wastes receive no treatment prior to discharge via Outfall 101. Plant floor and equipment drains and stormwater runoff from diked oil storage areas, yards, and storm drains are routed through an oil and water separator prior to discharge via Outfall 101. Domestic wastewater, blowdown, and backwash water from the service water filter, clarifier, and sand filter are routed to the Starr Creek Domestic Sewage Treatment Plant, TPDES Permit No. WQ0010000001, for treatment and disposal. Metal-cleaning waste from equipment cleaning is generally disposed of off-site.

# TCEQ-20960

### Public Involvement Plan Form for Permit and Registration Applications

The Public Involvement Plan is intended to provide applicants and the agency with information about how public outreach will be accomplished for certain types of applications in certain geographical areas of the state. It is intended to apply to new activities; major changes at existing plants, facilities, and processes; and to activities which are likely to have significant interest from the public. This preliminary screening is designed to identify applications that will benefit from an initial assessment of the need for enhanced public outreach.

All applicable sections of this form should be completed and submitted with the permit or registration application. For instructions on how to complete this form, see TCEQ-20960-inst.

### Section 1. Preliminary Screening

New Permit or Registration Application New Activity - modification, registration, amendment, facility, etc. (see instructions)

If neither of the above boxes are checked, completion of the form is not required and does not need to be submitted.

### Section 2. Secondary Screening

Requires public notice,

Considered to have significant public interest, and

Located within any of the following geographical locations:

- Austin
- Dallas
- Fort Worth
- Houston
- San Antonio
- West Texas
- Texas Panhandle
- Along the Texas/Mexico Border
- Other geographical locations should be decided on a case-by-case basis

If all the above boxes are not checked, a Public Involvement Plan is not necessary. Stop after Section 2 and submit the form.

Public Involvement Plan not applicable to this application. Provide **brief** explanation.

A Public Involvement Plan won't be applicable to the Cuadrilla WWTP as the project does not significantly impact the surrounding area and does not involve handling any hazardous materials

TCEQ-20960 (02-09-2023)

### Section 3. Application Information

### Type of Application (check all that apply):

Air Initial Federal Amendment Standard Permit Title V

Waste Municipal Solid Waste Industrial and Hazardous Waste Scrap Tire

Radioactive Material Licensing Underground Injection Control

Water Quality

Texas Pollutant Discharge Elimination System (TPDES)

Texas Land Application Permit (TLAP)

State Only Concentrated Animal Feeding Operation (CAFO)

Water Treatment Plant Residuals Disposal Permit

Class B Biosolids Land Application Permit

Domestic Septage Land Application Registration

Water Rights New Permit

New Appropriation of Water

New or existing reservoir

Amendment to an Existing Water Right

Add a New Appropriation of Water

Add a New or Existing Reservoir

Major Amendment that could affect other water rights or the environment

### Section 4. Plain Language Summary

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### Section 5. Community and Demographic Information

Community information can be found using EPA's EJ Screen, U.S. Census Bureau information, or generally available demographic tools.

Information gathered in this section can assist with the determination of whether alternative language notice is necessary. Please provide the following information.

language notice is n	ecessary. Please pro	ovide the following information.
(City)		
(County)		
(Census Tract) Please indicate which City	h of these three is the County	ne level used for gathering the following information.  Census Tract
(a) Percent of people	e over 25 years of age	e who at least graduated from high school
-		r the specified location ercent of population by race within the specified location
(d) Percent of Lingui	stically Isolated Hous	seholds by language within the specified location
(e) Languages comm	only spoken in area b	by percentage
(f) Community and/o	or Stakeholder Group	ps
(g) Historic public in	iterest or involvemen	nt

### Section 6. Planned Public Outreach Activities

(a) Is this application subject to the public participation requirements of Title 30 Texas Administrative Code (30 TAC) Chapter 39?

Yes No

(b) If yes, do you intend at this time to provide public outreach other than what is required by rule?

Yes No

If Yes, please describe.

### If you answered "yes" that this application is subject to 30 TAC Chapter 39, answering the remaining questions in Section 6 is not required.

(c) Will you provide notice of this application in alternative languages?

Yes No

Please refer to Section 5. If more than 5% of the population potentially affected by your application is Limited English Proficient, then you are required to provide notice in the alternative language.

If yes, how will you provide notice in alternative languages?

Publish in alternative language newspaper

Posted on Commissioner's Integrated Database Website

Mailed by TCEQ's Office of the Chief Clerk

Other (specify)

(d) Is there an opportunity for some type of public meeting, including after notice?

Yes No

(e) If a public meeting is held, will a translator be provided if requested?

Yes No

(f) Hard copies of the application will be available at the following (check all that apply):

TCEQ Regional Office

TCEQ Central Office

Public Place (specify)

### Section 7. Voluntary Submittal

For applicants voluntarily providing this Public Involvement Plan, who are not subject to formal public participation requirements.

Will you provide notice of this application, including notice in alternative languages?

Yes No

What types of notice will be provided?

Publish in alternative language newspaper

Posted on Commissioner's Integrated Database Website

Mailed by TCEQ's Office of the Chief Clerk

Other (specify)

# NORI

SOLICITUD. Aplicacion. Lower Valley Water District, ubicado en 1557 Farm-to-Market Road 1110, Clint, Texas 79836, ha presentado una solicitud ante la Comisión de Calidad Ambiental de Texas (TCEQ) para obtener el Permiso propuesto del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) No. WQ0016756001 (ID de la EPA No. TX0147648), con el fin de autorizar la descarga de aguas residuales tratadas en un volumen que no exceda un flujo promedio diario de 5,000 galones por día. La planta de tratamiento de aguas residuales domésticas estará ubicada en 341 Cuadrilla Road, Clint, en el Condado de El Paso, Texas 79836. La ruta de descarga será desde el sitio de la planta, a través de una tubería, hasta River Drain; de allí al Canal de Aguas Residuales de Fabens; y luego al Río Grande aguas abajo de la Presa de Desvío Riverside (Riverside Diversion Dam). TCEQ recibió esta solicitud el 21 de febrero de 2024. La solicitud de permiso estará disponible para su revisión y copia en el edificio principal de Lower Valley Water District, 1557 Farm-to-Market Road 1110, Clint, en el Condado de El Paso, Texas, antes de la fecha en que este aviso sea publicado en el periódico. La solicitud, incluidas sus actualizaciones y avisos asociados, está disponible electrónicamente en la siguiente página web: https://www.tceq.texas.gov/permitting/wastewater/pendingpermits/tpdes-applications. Este enlace a un mapa electrónico de la ubicación general del sitio o instalación se proporciona como cortesía pública y no forma parte oficial de la solicitud o del aviso. Para conocer la ubicación exacta, consulte la solicitud: https://gisweb.tceq.texas.gov/LocationMapper/?marker=-106.1983,31.533888&level=18

Puede obtener más información comunicándose con Lower Valley Water District a la dirección anteriormente indicada o llamando al Sr. Gerald Grijalva, Lower Valley Water District, al 915-791-4480.

# CUADRILLA PACKAGED CONSTRUCTION PLANS



# CUADRILLA PACKAGED WASTEWATER TREATMENT FACILITY AND SITE IMPROVEMENTS

LVWD BID # 19-0625-01

# PRESIDENT

**ROSALINDA VIGIL** 

# BOARD MEMBERS

HENRY TRUJILLO
DAVID CARRASCO
DAVID ESTRADA
ROD CHAVEZ

# GENERAL MANAGER

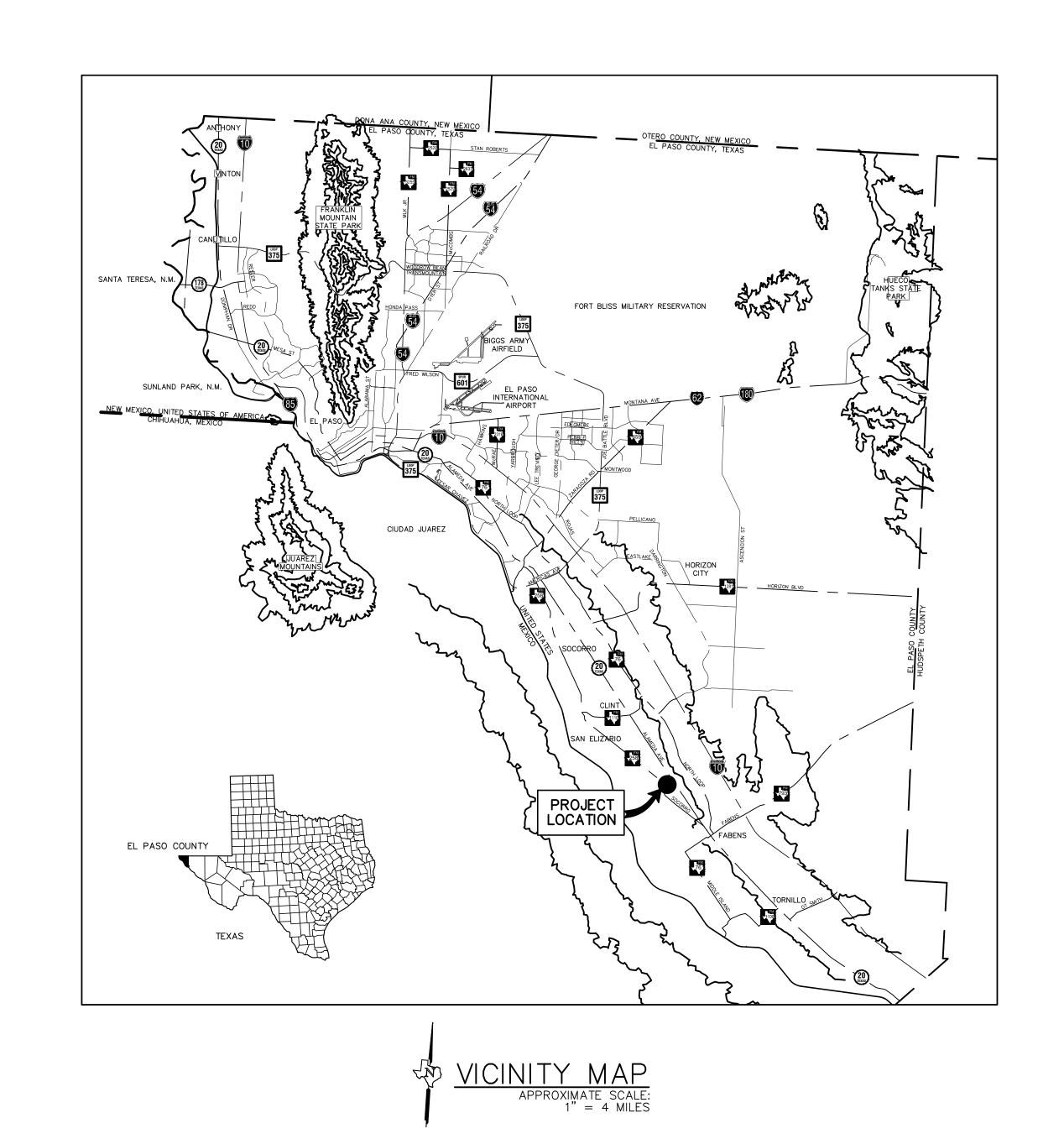
**GERALD GRIJALVA** 

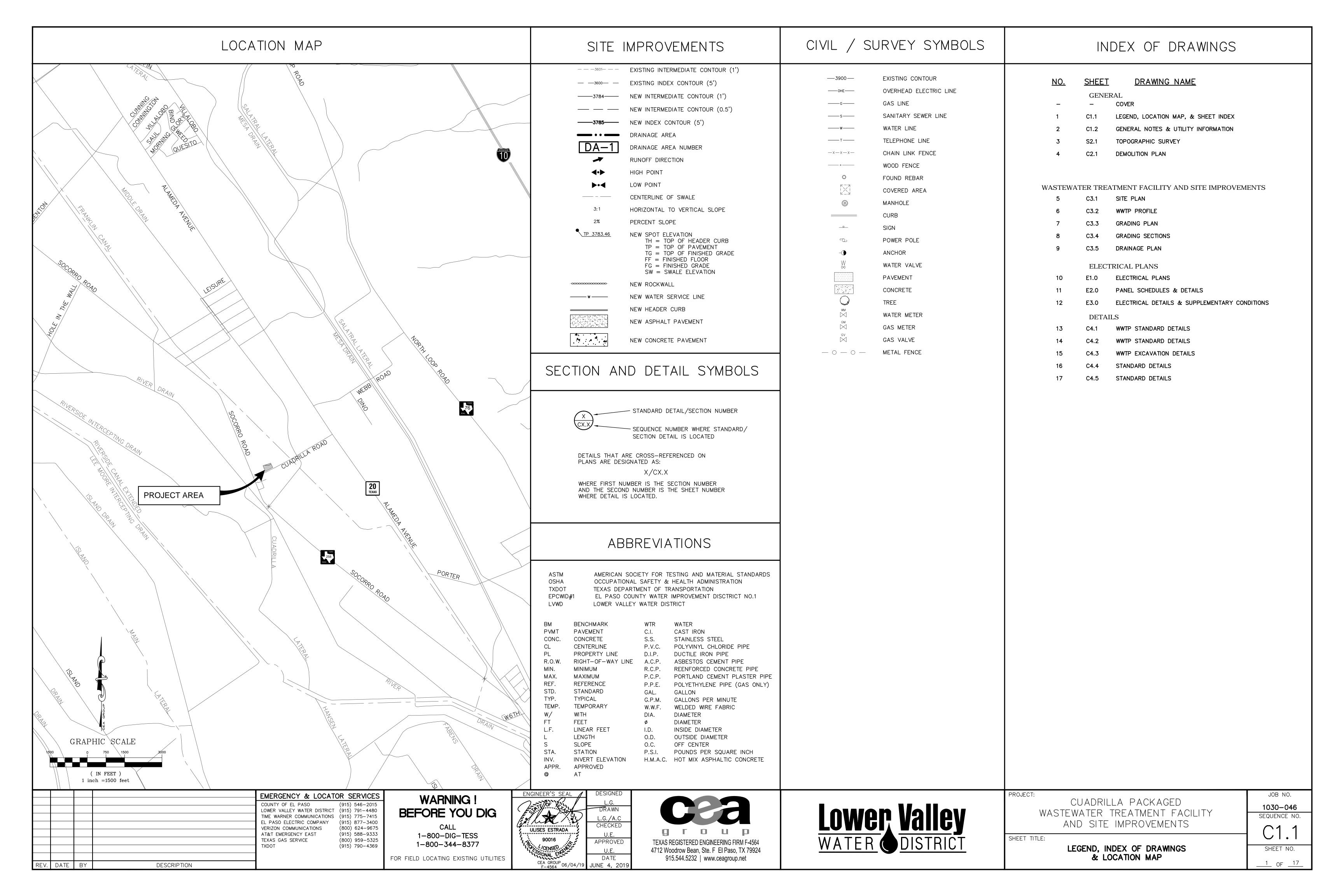
# CONSULTING ENGINEER



915.544.5232 | www.ceagroup.net







### GENERAL NOTES

- 1. PRIOR TO BEGINNING CONSTRUCTION, CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES TO VERIFY LOCATION OF EXISTING UTILITIES AND CONTRACTOR SHALL CALL THE RESPECTIVE "811" NUMBER FOR SUCH UTILITIES. ALL EXISTING UTILITY DEPTHS ARE UNKNOWN. THE CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR ACQUIRING FIELD DEPTHS OF ALL UTILITIES WITHIN THE PROJECT AREAS.
- 2. ALTHOUGH ALL EFFORTS HAVE BEEN MADE TO INDICATE ALL MAJOR EXISTING UTILITIES ON PLANS, IT SHALL BE THE CONTRACTORS SOLE RESPONSIBILITY TO LOCATE AND PROTECT ALL SAID UTILITIES AS WELL AS SERVICE CONNECTIONS (WHETHER OR NOT INDICATED ON PLANS), PRIOR TO AND DURING CONSTRUCTION. EXISTING SERVICE CONNECTIONS ARE NOT SHOWN ON THE PLANS. CONTRACTOR TO SUPPORT AND MAINTAIN ALL EXISTING EXPOSED UTILITIES IN SERVICE. ALL EXISTING UTILITIES CURRENTLY IN SERVICE MUST REMAIN IN SERVICE THROUGHOUT CONSTRUCTION OF THE PROJECT EXCEPT AS NOTED IN THE DRAWINGS.
- 3. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH GAS, OIL, PROPANE, ELECTRIC, TELEPHONE, FIBER OPTIC, CABLE TV OWNERS ETC. FOR ANY RELOCATION AND/OR PROTECTION OF EXISTING LINES, POLES OR CABLES AS REQUIRED, DUE TO CONSTRUCTION ACTIVITIES. CONTRACTOR TO MAINTAIN A MINIMUM COVER OF TWO (2') FEET UNDER TELEPHONE/CABLE/FIBER OPTIC AND GAS LINES. CONTRACTOR TO EXERCISE CAUTION WHEN PERFORMING WORK IN VICINITY OF OVERHEAD POWER LINES THROUGHOUT THE DURATION OF THE PROJECT.
- 4. EXISTING STRUCTURE AND UTILITY LOCATIONS WERE OBTAINED FROM SURVEYS AND/OR OWNER'S AS-BUILT INFORMATION. UNDERGROUND LOCATIONS, SIZE, AND ELEVATIONS MAY VARY FROM INFORMATION SHOWN. CONTRACTOR SHALL VERIFY LOCATION OF EXISTING UTILITY LINES BY POT-HOLING AND/OR OTHER METHODS, AT LEAST 14 DAYS AHEAD OF PIPE LAYING CREWS, TO ALLOW THE ENGINEER A REASONABLE AMOUNT OF TIME TO INITIATE ANY NECESSARY CHANGES IN ALIGNMENT AND/OR GRADE OF PIPELINE. THE CONTRACTOR SHALL OBTAIN JURISDICTIONAL APPROVALS AND PERMITS FROM EL PASO COUNTY. ALL POT-HOLES MADE WITHIN PAVED OR CONCRETE FINISHED SURFACES SHALL BE BACKFILLED WITH 2-SAC CEMENT STABILIZED BACKFILL. THE BACKFILL SHALL BE PLACED ALL THE WAY TO THE SURFACE OF THE POT-HOLE, FULL DEPTH. THE SURFACE OF THE POT-HOLES SHALL BE NEATLY CORED OR SAW CUT. CUTS MADE BY HAND TOOLS OR JACK HAMMER WILL NOT BE ALLOWED.
- 5. THE CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, MEASUREMENTS, EXISTING CONDITIONS AND STAKE THE RIGHT—OF—WAY TO ENSURE PROPER OFFSET TO NEW IMPROVEMENTS PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES. NOTIFY THE ENGINEER AT LEAST 14 DAYS PRIOR TO CONSTRUCTION OF ANY OMISSIONS, ERRORS, OR DISCREPANCIES FOUND SO THAT NECESSARY CORRECTIONS AND INTERPRETATIONS BE MADE PRIOR TO CONSTRUCTION.
- 6. ALL CONSTRUCTION PRACTICES AND PROCEDURES WILL COMPLY WITH THE PERTINENT PROVISIONS OF THE OCCUPATIONAL SAFETY AND HEALTH STANDARD (TITLE 29, CODE OF FEDERAL REGULATIONS) PUBLISHED BY THE O.S.H.A., DEPARTMENT OF LABOR.
- 7. CONTRACTOR SHALL INSTALL A TRENCH SAFETY SYSTEM TO PROVIDE FOR THE SAFE EXCAVATION OF ALL TRENCHES EXCEEDING A DEPTH OF FIVE FEET (5') AS REQUIRED BY O.S.H.A. EXISTING SOIL CONDITIONS MAY DICTATE THE NEED FOR A TRENCH SAFETY SYSTEM WHEN TRENCH IS LESS THAN 5' IN DEPTH.
- 8. THE CONTRACTOR SHALL SUBMIT A PROJECT SCHEDULE, COMMENCEMENT AND COMPLETION OF THE CONSTRUCTION, FOR REVIEW BY THE ENGINEER, PRIOR TO CONSTRUCTION. ADDITIONALLY, CONTRACTOR SHALL PROVIDE A TWO-WEEK CONSTRUCTION SCHEDULE TO THE ENGINEER AT EACH CONSTRUCTION PROGRESS
- 9. THE CONTRACTOR SHALL NOTIFY EL PASO COUNTY IN WRITING, OF ANY PROPOSED DUMP SITE(S) FOR OVERBURDEN AND ANY CONSTRUCTION DEBRIS FOR REVIEW AND APPROVAL. THE CONTRACTOR SHALL OBTAIN APPROVAL OF ITS HAUL ROUTE TO THE DUMP SITE, AS WELL AS FOR THE MATERIALS IT SHALL BE HAULING BEFORE REMOVAL OF OVERBURDEN FROM PROJECT SITE.
- 10. THE CONTRACTOR SHALL NOTIFY ALL RESIDENTS THAT MAY BE AFFECTED BY THE CONSTRUCTION FOURTEEN (14) DAYS PRIOR TO CONSTRUCTION.
- 11. PEDESTRIAN AND VEHICULAR ACCESS TO ALL RESIDENTS AND COMMERCIAL SITES SHALL BE PROVIDED AT ALL TIMES. COORDINATION FOR THIS ACTIVITY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ASCERTAINING THE NATURE AND EXTENT OF ANY COLLATERAL WORK DONE BY OTHER TRADES. CONTRACTOR SHALL BE AWARE OF ANY AND ALL CONCURRENT WORK IN THE AREA THAT WILL REQUIRE COORDINATION FOR TIE—INS OF THIS WORK. IF NECESSARY TO AVOID OR MINIMIZE DAMAGE OR DELAY, THE CONTRACTOR SHALL REDEPLOY HIS WORK FORCE TO OTHER AREAS OF THE WORK AT NO COST TO THE OWNER.
- 13. THE CONTRACTOR SHALL COORDINATE, AS NEEDED, WITH CONTRACTOR RESPONSIBLE FOR ANY SURROUNDING IMPROVEMENT PROJECTS IF PROJECTS ARE UNDER CONSTRUCTION SIMULTANEOUSLY.
- 14. THE PROPERTY OWNERS, LVWD AND EL PASO COUNTY MUST BE NOTIFIED 48 HOURS PRIOR TO COMMENCING ANY WORK IN AREAS WITHIN THEIR JURISDICTION.

- 15. UPON COMPLETING THE INSTALLATION OF THE IMPROVEMENTS, CONTRACTOR SHALL RESTORE EASEMENTS/PAVEMENT STRUCTURE, IF ANY, TO ORIGINAL OR BETTER CONDITIONS. REFER TO DETAILS.
- 16. ALL EXISTING ROADWAYS, CURB & GUTTER, SIDEWALKS, SIGNS, LANDSCAPING, DRAINAGE AND IRRIGATION STRUCTURES AND DRIVEWAYS AFFECTED BY CONSTRUCTION ACTIVITIES SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER BY CONTRACTOR AT NO COST TO THE OWNER. ALL BUSINESSES, RESIDENCES, SCHOOLS, ETC. SHALL BE PROVIDED WITH FULL ACCESS AT ALL TIMES, INCLUDING ALL DRIVEWAYS.
- 17. CONTRACTOR SHALL REPLACE SHOULDER GRAVEL/MILLINGS ASPHALT, IF DAMAGED, TO ORIGINAL OR BETTER CONDITION AND AS PER EL PASO COUNTY STANDARDS.
- 18. CONTRACTOR SHALL KEEP ALL DRAINAGE AND IRRIGATION STRUCTURES, FACILITIES AND CONVEYANCE SYSTEMS ALONG THE PIPE ROUTE UNDISTURBED AND IN OPERATION TO THE MAXIMUM EXTENT POSSIBLE. IF AREAS ARE DISTURBED, CONTRACTOR SHALL RESTORE THEM TO THEIR ORIGINAL OR BETTER CONDITION.
- 19. THE CONTRACTOR SHALL PRESERVE, DURING CONSTRUCTION, ALL STOP SIGNS, SPEED LIMIT SIGNS, UNDERGROUND SIGNAL CONDUITS AND ALL OTHER TRAFFIC REGULATORY SIGNS, COORDINATION SHALL BE WITH EL PASO COUNTY. CONTRACTOR SHALL COORDINATE WITH THE ABOVE ENTITY FOR THE LOCATION AND SPOTTING OF TRAFFIC SIGNAL CONDUITS.
- 20. INFORMATION ON IRRIGATION SYSTEMS AND SCHEDULE IS AVAILABLE AT THE EL PASO COUNTY WATER IMPROVEMENT DISTRICT #1 OFFICE.
- 21. CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR ALL STREETS NOT SPECIALLY ADDRESSED IN THE DRAWINGS. THE PLAN IS TO BE SUBMITTED TO EL PASO COUNTY WHERE APPLICABLE, FOR WRITTEN APPROVAL, PRIOR TO BEGINNING CONSTRUCTION IN STATE RIGHT—OF—WAY IN NO CASE WILL EXCAVATED MATERIAL BE ALLOWED TO BE STOCK—PILED WITHIN STATE RIGHT—OF—WAY AFTER NORMAL WORKING HOURS. THE AMOUNT OF PIPELINE STRUNG OUT WITHIN STATE RIGHT—OF—WAY SHALL BE LIMITED TO THE AMOUNT OF PIPELINE THAT CAN BE INSTALLED IN ONE DAY'S WORK. AT THE END OF EACH WORK DAY, THE END OF PIPE SHALL BE SEALED, MARKED AND BACK FILLED SO AS NOT TO LEAVE ANY OPEN TRENCH.
- 22. ALL INSTANCES WHERE THE TERM "PROPOSED" APPEARS ON THESE DOCUMENTS SHALL BE CONSIDERED AS WORK NECESSARY TO COMPLETE THE REQUIRED IMPROVEMENTS AS SHOWN ON THE PLANS. THE CONTRACTOR SHALL INCLUDE ALL "PROPOSED" ITEMS AS PART OF HIS BID. THE TERMS "PROPOSED" AND "NEW" SHALL BE CONSIDERED EQUAL WHEN BIDDING THIS PROJECT.
- 23. CONTRACTOR SHALL VISIT AND FAMILIARIZE HIMSELF WITH THE PROJECT SITE & THE CONSTRUCTION DOCUMENTS PRIOR TO SUBMITTING BIDS.
- 24. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND GRADES BEFORE PROCEEDING WITH THE WORK. ANY DISCREPANCIES FOUND SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK. OTHERWISE THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR THEIR CORRECTNESS.
- 25. ALL ELEVATIONS ARE IN REFERENCE TO NAVD 88. SEE REFERENCED TEMPORARY BENCHMARK ON TOPOGRAPHIC SURVEY.
- 26. PACKAGED WASTEWATER FACILITIES INSTALLATION, INCLUDING NEW LIFT STATION AND EFFLUENT TANK, SHALL BE AS PER MANUFACTURER'S RECOMMENDATIONS AND SHALL FOLLOW OSHA REGULATIONS FOR SAFETY EXCAVATIONS.
- 27. UPON COMMISSIONING THE NEW PACKAGED WWTP, CONTRACTOR WILL BE REQUIRED TO "DECOMMISSION" THE EXISTING PLANT IN ACCORDANCE WITH EL PASO COUNTY, STATE AND TCEQ REQUIREMENTS. EXISTING PLANT SHALL BE REMOVED AND DISPOSED OF PROPERLY AS PER GOVERNING LAWS. ALL FEES AND PERMITING ASSOCIATED WITH THE DISPOSAL AND DECOMMISSIONING SHALL BE PAID FOR IN THE DECOMMISSIONING ITEM OF THE CONTRACT.
- 28. THE EXISTING WWTP, INCLUDING THE LIFT STATION, FORCEMAIN, ETC., SHALL REMAIN IN SERVICE THROUGHOUT THE CONSTRUCTION OF THE NEW IMPROVEMENTS. CONTRACTOR SHALL COORDINATE ACCESS TO LVWD FOR THE HAULING OF SEWAGE ON A DAILY BASIS.

### LIST OF UTILITIES AND AGENCIES

GENERAL UTILITIES
TEXAS EXCAVATION SAFETY SERVICE
11880 GREENVILLE AVENUE.
DALLAS, TX. 75243
(800) 344-8377

CABLE TELEVISION
SPECTRUM
20 CONCORD STREET, SUITE A
EL PASO, TX. 79906
(915) 775-7415
MR. RAYMOND MENDOZA

WATER & SEWER
LOWER VALLEY WATER DISTRICT
1557 NORTH FM 1110 ROAD
CLINT, TX. 79836

(915) 791-4480

MR. ED LONG, P.E.

ELECTRIC
EL PASO ELECTRIC CO.
100 N. STANTON STREET
EL PASO, TX. 79901
(915) 543-2075
MR. FRANK VEJIL (DISTRIBUTION)

PUBLIC WORKS DEPARTMENT

COUNTY OF EL PASO 800 E. OVERLAND STE. 407 EL PASO, TX 79901 (915) 546-2015 MR. GILBERT SALDAÑA, P.E.

TELEPHONE
AT & T

11200 PELLICANO, STE. 216 EL PASO, TX. 79935 (915) 595-5179 MS. DIANA McKOWN PRIME ENGINEER

CEA GROUP
CASTNER CENTER @ TRANSMOUNTAIN
4712 WOODROW BEAN, STE. F
EL PASO, TX. 79924
(915) 544-5232
MR. ULISES ESTRADA, P.E.

RESIDENTIAL GAS LINES
TEXAS GAS CO.
4700 POLLARD ST.
EL PASO, TX 79930
(915) 680-7329
MR. RAMZI J. SKAF, P.E.

DRAINS/LATERALS
EL PASO COUNTY WATER
IMPROVEMENT DISTRICT, NO.1
13247 ALAMEDA AVENUE
CLINT, TX 79836
(915) 872-4016
MR. JAY ORNELAS, P.E.

FIBER OPTICS
VERIZON COMMUNICATIONS, INC. (800) 624-9675

STATE
TEXAS DEPARTMENT OF TRANSPORTATION
13301 GATEWAY WEST
EL PASO, TX. 79927
(915) 790-4369
MR. OMAR MADRID, P.E.

TRANSPORTATION

BARRAGAN & ASSOCIATES

10950 PELLICANO DRIVE, BLDG "F"

EL PASO, TX 79935

(915) 591-5709

MR. BENITO BARRAGAN, R.P.L.S.

	EMERGENCY & LOCATO	OR SERVICES
COUNTY OF EL PASO LOWER VALLEY WATER DISTRICT TIME WARNER COMMUNICATIONS EL PASO ELECTRIC COMPANY VERIZON COMMUNICATIONS	LOWER VALLEY WATER DISTRICT TIME WARNER COMMUNICATIONS EL PASO ELECTRIC COMPANY VERIZON COMMUNICATIONS AT&T EMERGENCY EAST	(915) 546-2015 (915) 791-4480 (915) 775-7415 (915) 877-3400 (800) 624-9675
		(915) 588–9333 (800) 959–5325
	TXDOT	(915) 790–4369

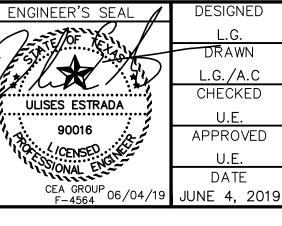
DESCRIPTION

REV. DATE BY

### WARNING! BEFORE YOU DIG

CALL 1-800-DIG-TESS 1-800-344-8377

FOR FIELD LOCATING EXISTING UTILITIES







PROJECT:	
	CUADRILLA PACKAGED
	WASTEWATER TREATMENT FACILITY
	AND SITE IMPROVEMENTS

SHEET TITLE:

GENERAL NOTES & UTILITY INFORMATION

JOB NO.

1030-046

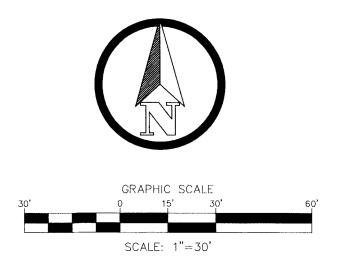
SEQUENCE NO.

C1.2

SHEET NO.
\_\_\_2\_\_ OF \_\_17\_\_

# TOPOGRAPHIC SURVEY

TRACT 11A1, BLOCK 5, AND A PORTION OF TRACT 2C, BLOCK 40, SAN ELIZARIO GRANT, **EL PASO COUNTY, TEXAS,** AREA 1.60 ACRES ±



### GENERAL NOTES

- LOCATION OF ALL UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL UTILITY COMPANIES FOR THE EXACT LOCATION OF UNDERGROUND AND OVERHEAD UTILITIES INCLUDING UTILITIES NOT SHOWN ON PLANS. THE CONTRACTOR SHALL PROTECT ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES AND ANY UTILITIES NOT SHOWN THIS PLAN DURING CONSTRUCTION. THE CONTRACTOR WILL PERFORM ALL UTILITY INSTALLATION. REMOVAL AND RELOCATION'S AS PER LOCAL UTILITY CONSTRUCTION SPECIFICATIONS.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS, CONDITIONS, AND ELEVATIONS ON SITE AND SHALL CONTACT THI DESIGN ENGINEER AND REPORT ANY DISCREPANCIES, OMISSIONS
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE COUNTY OF EL PASO STANDARD SPECIFICATIONS AND DETAILS.

  CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITTING NECESSARY FOR EARTHWORK OPERATIONS.
- CONTRACTOR SHALL COORDINATE RELOCATION OF ALL EXISTING UTILITIES AND MANHOLE WITH RESPECTIVE UTILITY COMPANIES.
  CONTRACTOR SHALL PERFORM ALL EARTHWORK REQUIREMENTS AS PER GEOTECHNICAL STUDY REPORT.
- A CALL WAS PLACED TO TEXAS DIG SAFE NUMBER (811) TO ACQUIRE LINE—SPOTS. CONFIRMATION NUMBER IS 1866686082.

- BEARINGS SHOWN ARE GRID BEARINGS DERIVED FROM RTK OBSERVATIONS TO THE TEXAS CO-OP NETWORK. REFERRED TO THE TEXAS COORDINATE SYSTEM (NAD 83) CENTRAL ZONE. DISTANCES ARE GROUND DISTANCES AND CAN BE CONVERTED TO GRID BY DIVIDING BY 1.000231.
- THESE NAVD 88 ELEVATIONS WERE DERIVED FROM APPLICATION OF THE GEOID 2012A MODEL TO RTK CO-OP ELLIPSOID HEIGHTS (ACCURACY ± 0.16') THIS PROPERTY MAY BE SUBJECT TO EASEMENTS WHETHER OF RECORD OR NOT, (ONLY EASEMENT LISTED ON THE TITLE COMMITMENT SHOWN). NO ADDITIONAL RESEARCH WAS PERFORMED BY B&A INC. FOR ANY RESERVATION, BUILDING LINE, AND OR EASEMENTS WHICH MAY OR MAY NOT AFFECT SUBJECT PARCEL. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES ARE IN THE EXACT LOCATION INDICATED. THEY ARE LOCATED AS ACCURATE AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. SUBJECT PROPERTY SHOWN HEREON APPEARS TO BE LOCATED IN ZONE "X",
- PER F.I.R.M. PANEL NUMBER 480212 300B, LAST REVISION DATE 09-04-91. THIS SURVEYOR MAKES NO GUARANTEES AS TO THE ACCURACY OF THE ABOVE INFORMATION. THE LOCAL F.E.M.A. AGENT SHOULD BE CONTACTED FOR THIS SURVEY WAS DONE WITHOUT THE BENEFIT OF A TITLE COMMITMENT.

# BENCHMARK

U 1392 (CE0378) N.G.S. METAL ROD AT JUNCTION OF PAVED ROAD LEADING SOUTHWEST TO CUADRILLA, SOUTHWEST OF CENTERLINE OF THE HIGHWAY 80. BY RTK OBSERVATION.

ELEVATION: 3621.03 (NAVD 88)

### DUST AND EROSION CONTROL NOTE

CONTRACTOR SHALL MAKE PROVISIONS FOR TEMPORARY DUST AND EROSION CONTROL WHERE EXTENSIVE DIRT OR DUST OPERATIONS ARE PERFORMED. USE WATER SPRINKLING AND OTHER METHODS TO LIMIT DUST AND DIRT MIGRATION. COMPLY WITH GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.

BEFORE YOU DIG EL PASO ELECTRIC COMPANY SOUTHERN UNION GAS COMPANY

EMERGENCY HOT LINE PUBLIC SERVICE BOARD (WATER&SEWER) TIME WARNER CABLE EL PASO NATURAL GAS COMPANY TEXAS EXCAVATION SAFETY SYSTEM

(915) 544-6300 562-8411/562-2003 (915) 594-5500 1-800-222-5355 1-800-334-8047 811

1-800-592-1634 1-877-213-1053

Barragan & Associates Inc.

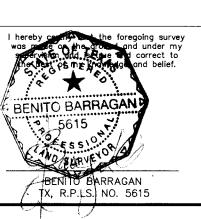
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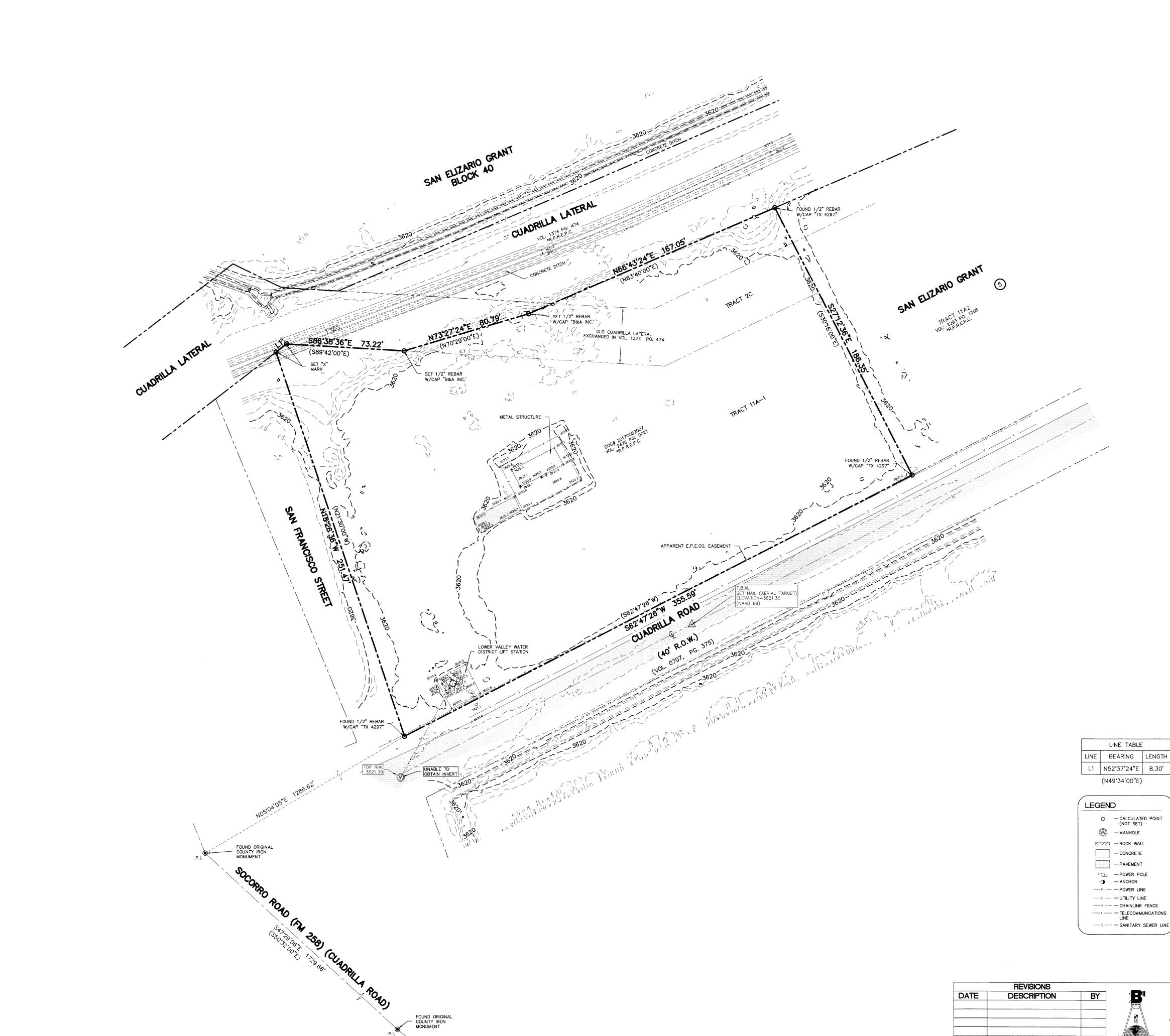
LAND PLANNING & LAND SURVEYING TBPLS FIRM # 10151200 10950 Pellicano Dr. Bldg. F — El Paso TX 79935 Phone (915) 591-5709 Fax (915) 591-5706

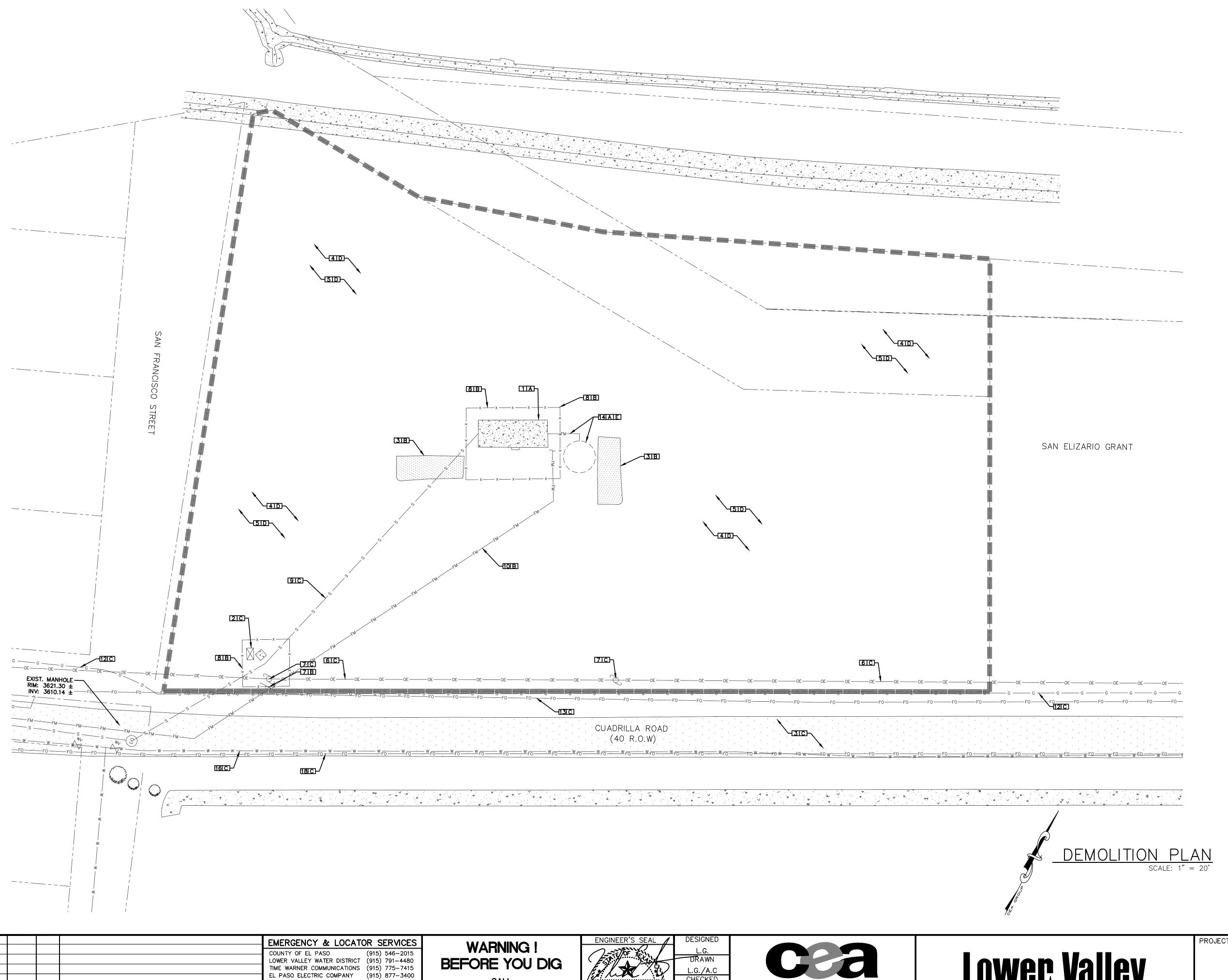
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CUADRILLA DECENTRALIZED WWWTP

PROJECT NAME







### NOTES:

- 1. CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS UNLESS OTHERWISE DIRECTED. ANY DAMAGES RESULTING FROM THE CONTRACTOR'S WORK SHALL BE REPAIRED TO ORIGINAL OR BETTER CONDITION, AT NO ADDITIONAL COST TO OWNER.
- 2. CONTRACTOR SHALL MAINTAIN ALL WORK WITHIN PROJECT LIMITS.
- 3. ALL WASTE MATERIAL GENERATED FROM THIS PROJECT SHALL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE LEGALLY DISPOSED OF OFF-SITE, UNLESS OTHERWISE
- 4. EXISTING LIFT STATION AND FORCE MAIN SHALL BE PROTECTED AT ALL COSTS.
- 5. EXISTING WASTEWATER TREATMENT PLANT SHALL BE PROTECTED AND REMAIN IN SERVICE UNTIL NEW WASTEWATER TREATMENT SYSTEM HAS BEEN COMMISSIONED AND ACCEPTED BY OWNER. THE EXISTING PLANT SHALL BE REMOVED AND PROPERLY DISPOSED OF OFF-SITE.
- 6. EXISTING CHAIN LINK FENCE AT THE LIFT STATION & WASTEWATER TREATMENT PLANT, SHALL BE REMOVED AFTER COMPLETION OF PROPOSED IMPROVEMENTS. (COORDINATE WITH

LIMITS OF DEMOLITION WORK

	KEYED NOTES			
	00			
1	EXISTING WASTE WATER AND			
	CONCRETE PAD TREATMENT PLANT			
2	EXISTING LIFT STATION			
3	EXISTING ASPHALT/GRAVEL PAVEMENT			
4	EXISTING GROUND			
5	EXISTING VEGETATION			
6	EXISTING OVERHEAD ELECTRICAL LINE			
7	EXISTING POWER POLE			
8	EXISTING CHAIN LINK FENCE			
9	EXISTING SEWER PIPE			
10	EXISTING FORCE MAIN			
11	EXISTING WATER LINE			
12	EXISTING GAS LINE			
13	EXISTING FIBER OPTIC CABLE			
14	EXISTING EFFLUENT TANK/LINE			

- A PROTECT AND REMOVE AFTER COMMISSIONING OF NEW IMPROVEMENTS
- B | COMPLETELY REMOVE AND PROPERLY DISPOSE OFF-SITE.
- C | REMAIN UNDISTURBED (TO BE PROTECTED)
- D | CLEAR AD GRUB
- E SALVAGE AND DELIVER TO LVWD UPON COMMISSIONING OF NEW EFFLUENT TANK

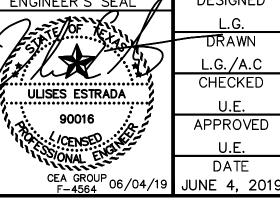
		EMERGENCY & LOCATO	OR SERVICES
		COUNTY OF EL PASO LOWER VALLEY WATER DISTRICT	(915) 546-2015 (915) 791-4480
		TIME WARNER COMMUNICATIONS	(915) 775–7415
		EL PASO ELECTRIC COMPANY VERIZON COMMUNICATIONS	(915) 877-3400 (800) 624-9675
		AT&T EMERGENCY EAST	(915) 588-9333
		TEXAS GAS SERVICE	(800) 959-5325
		TXDOT	(915) 790-4369

DESCRIPTION

REV. DATE BY

1-800-DIG-TESS 1-800-344-8377

FOR FIELD LOCATING EXISTING UTILITIES







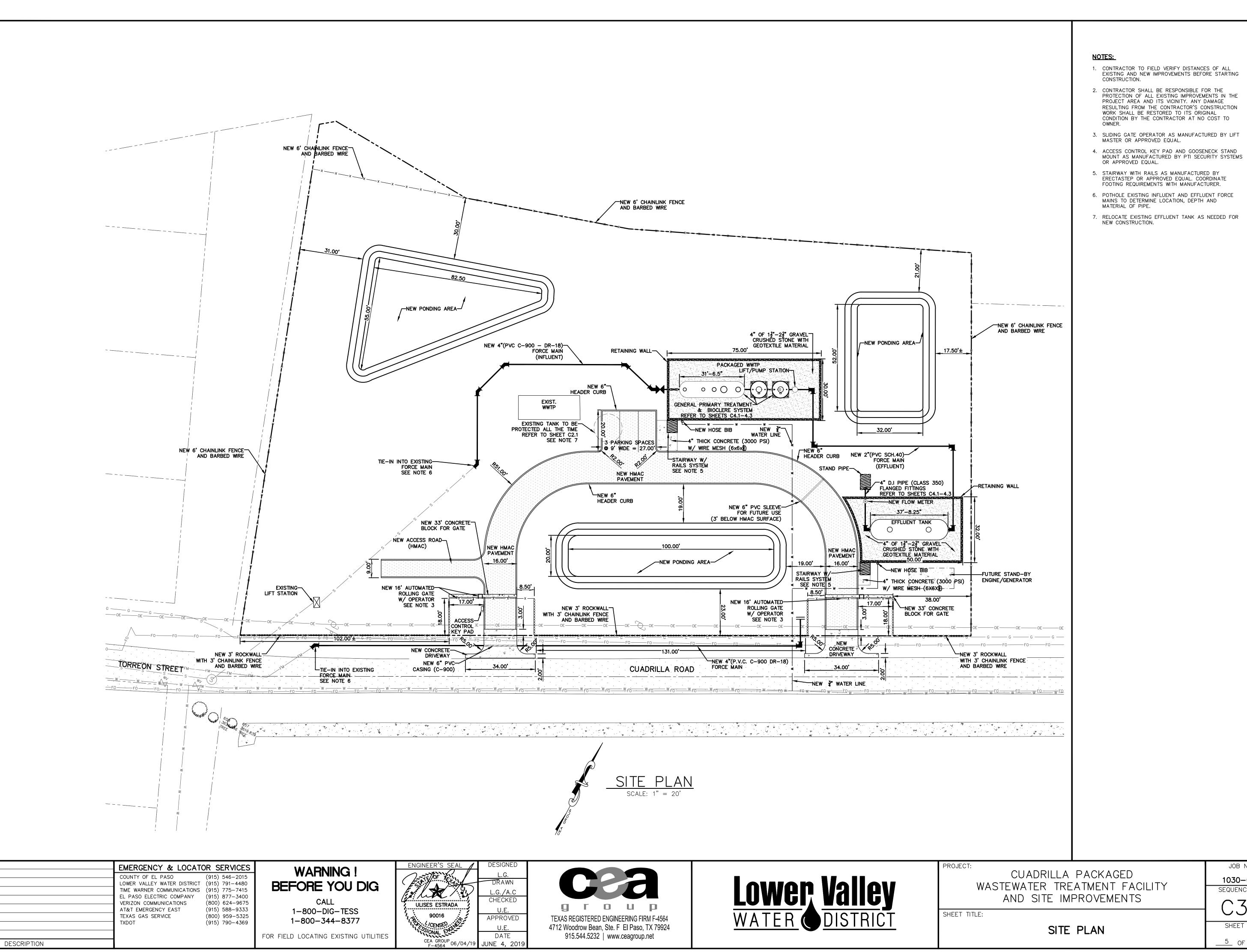
CUADRILLA PACKAGED WASTEWATER TREATMENT FACILITY AND SITE IMPROVEMENTS

SHEET TITLE:

DEMOLITION PLAN

JOB NO. 1030-046 SEQUENCE NO.

SHEET NO. <u>4</u> OF <u>17</u>



REV. DATE BY

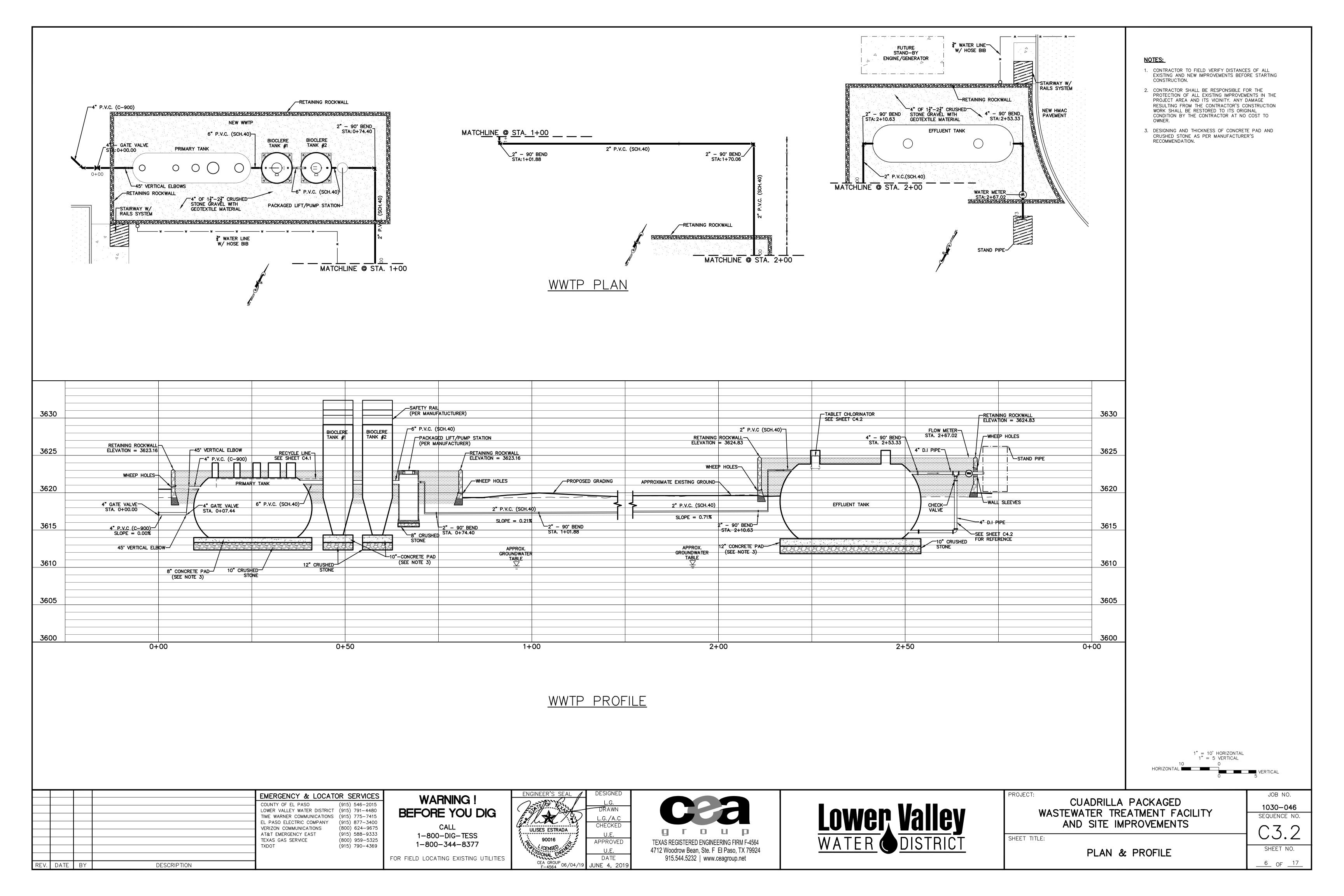
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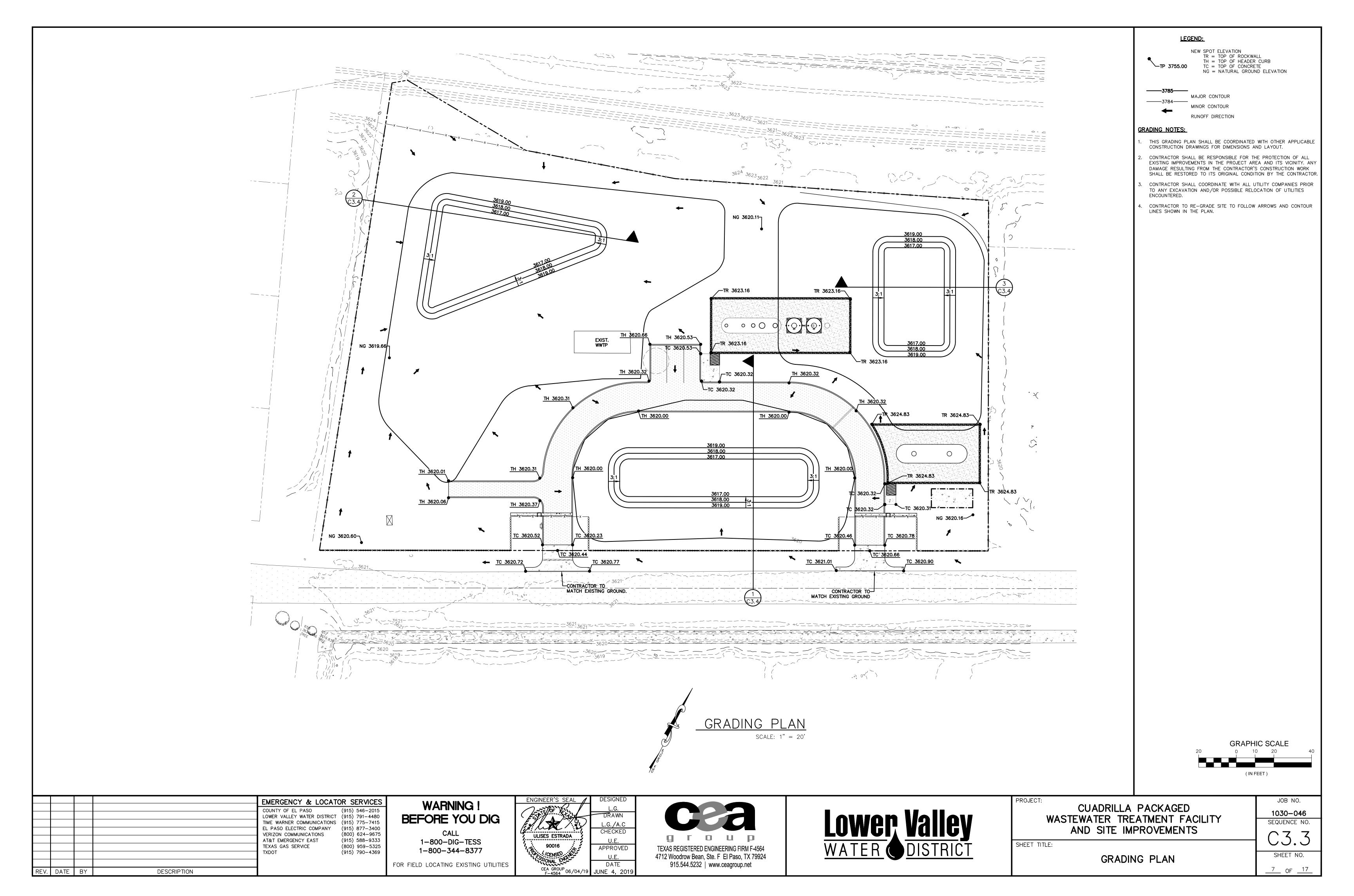
1030-046

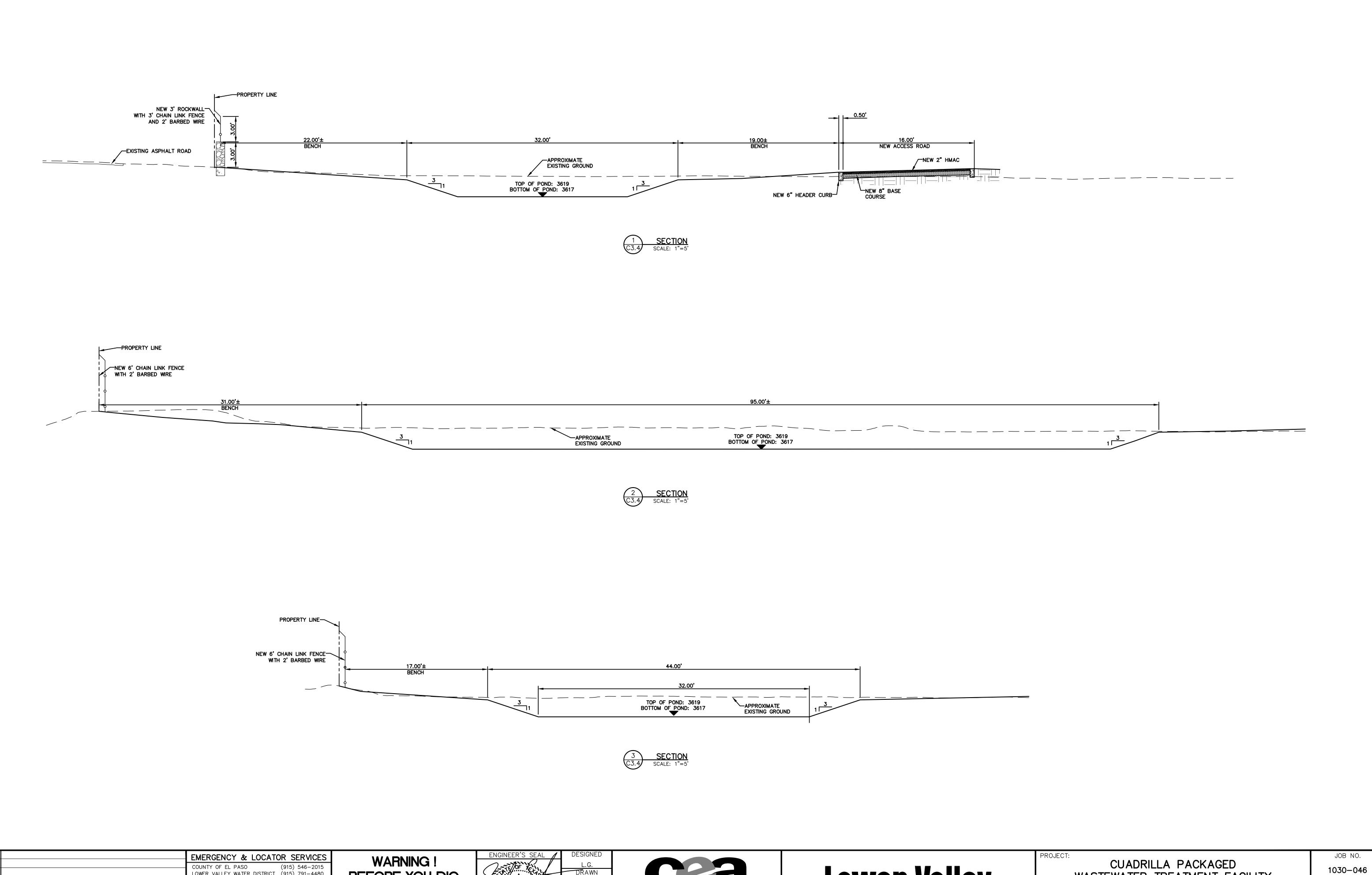
SEQUENCE NO.

SHEET NO.

\_\_\_5\_ OF \_\_17\_





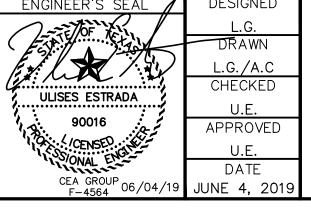


				EMERGENCY & LOCATO	OR SERVICES
				COUNTY OF EL PASO LOWER VALLEY WATER DISTRICT TIME WARNER COMMUNICATIONS EL PASO ELECTRIC COMPANY VERIZON COMMUNICATIONS AT&T EMERGENCY EAST TEXAS GAS SERVICE TXDOT	(915) 546-2015 (915) 791-4480 (915) 775-7415 (915) 877-3400 (800) 624-9675 (915) 588-9333 (800) 959-5325 (915) 790-4369
REV.	DATE	BY	DESCRIPTION		

# BEFORE YOU DIG

CALL 1-800-DIG-TESS 1-800-344-8377

FOR FIELD LOCATING EXISTING UTILITIES



			1		
g	r	0	u	P	
TEXAS REC 4712 Wood 915.5	Irow Bea		El Paso	o, TX 7992	

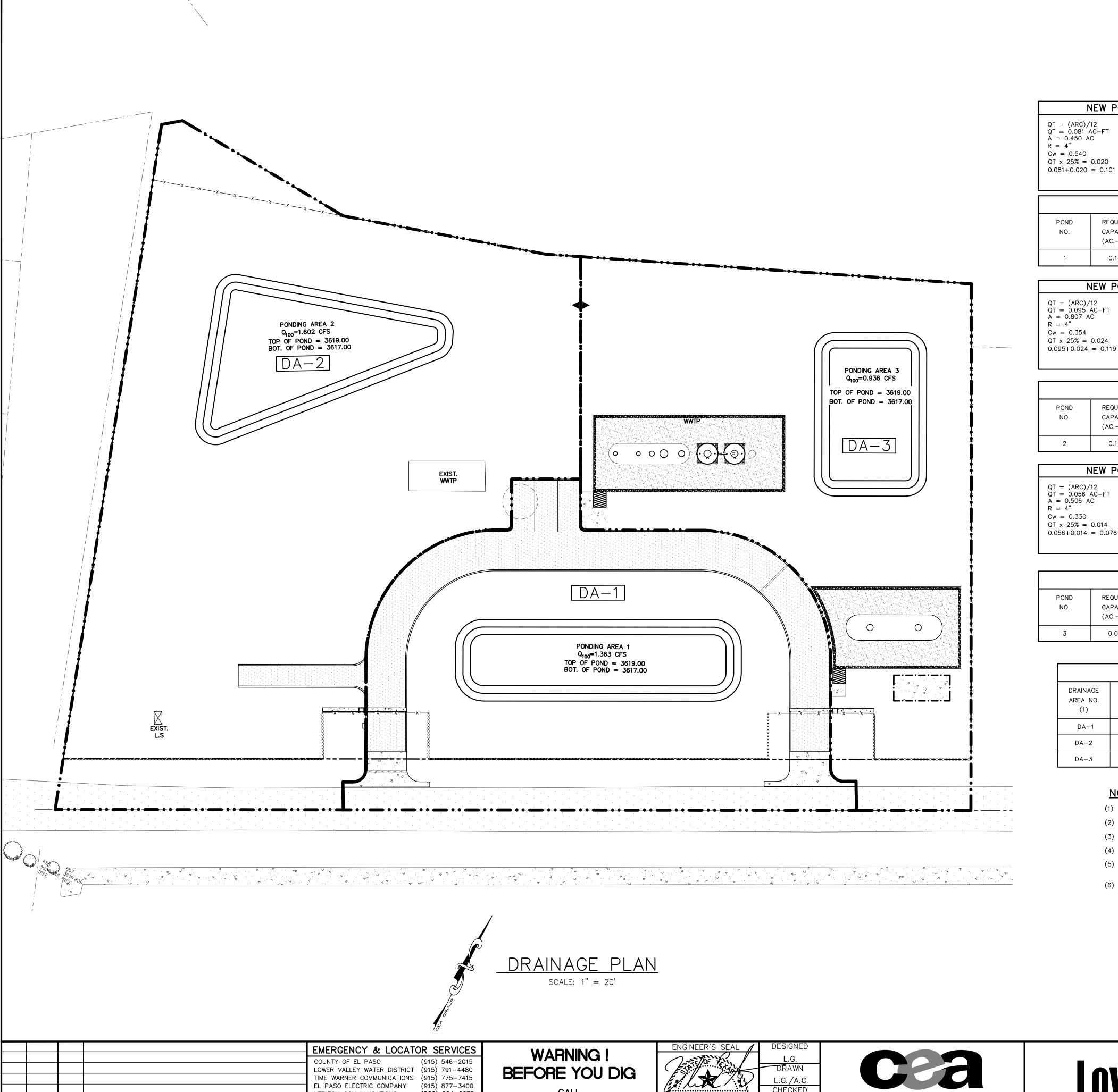


PROJECT:	
	CUADRILLA PACKAGED
	WASTEWATER TREATMENT FACILITY
	AND SITE IMPROVEMENTS

AND SHE IMPROVEMENTS SHEET TITLE:

GRADING SECTIONS	SHEE
	8 0

SEQUENCE NO.



TIME WARNER COMMUNICATIONS (915) 775-7415

EL PASO ELECTRIC COMPANY (915) 877-3400

(800) 624-9675

(915) 588-9333

(800) 959-5325

(915) 790-4369

1-800-DIG-TESS

FOR FIELD LOCATING EXISTING UTILITIES

1-800-344-8377

90016

DATE

JUNE 4, 2019

VERIZON COMMUNICATIONS

AT&T EMERGENCY EAST

TEXAS GAS SERVICE

TXDOT

DESCRIPTION

REV. DATE BY

### **GENERAL DRAINAGE NOTES:**

- 1. THIS DRAINING PLAN SHALL BE COORDINATED WITH OTHER APPLICABLE CONSTRUCTION DRAWINGS FOR DIMENSIONS AND LAYOUT.
- 2. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES PRIOR TO ANY EXCAVATION AND/OR POSSIBLE RELOCATION OF UTILITIES
- 3. CONTRACTOR TO RE-GRADE SITE TO FOLLOW ARROWS AND CONTOUR LINES SHOWN IN THE PLAN.

<u>LEGEND</u>

DRAINAGE AREA BOUNDARY PROPOSED HIGH POINT

DRAINAGE AREA

NEW POND #1

NEW POND #1 AREAS

ACCUMULATED

VOLUME (AC-FT.)

0.054

			116	$\pi$			
POND NO.	REQUIRED CAPACITY	AVAILABLE CAPACITY	PEAK INFLOW	OUTLET TOWER FLOW	HIGH WATER SURFACE ELEV.	BOTTOM ELEVATION	FREE BOARD
	(ACFT.)	(ACFT.)	(CFS)	(CFS)	(FT.)		(FT.)
1	0.106	0.125	1.363	0	3618.75	3617	0.25

NEW POND	#2 CALCULATIONS	NEW PO	ND #2 AREAS
(ARC)/12 0.095 AC-FT	SILT VOLUME = 0.010 0.010 AC-FT/AC	CONTOUR	ACCUMULATED VOLUME (AC-FT.)
.807 AC	0.119+0.010 = 0.129 AC-FT	3617	0.000
<b>"</b>		3618	0.076
0.354	TOTAL <sub>req</sub> = 0.129 AC-FT	3619	0.153
25% = 0.024			
-0.024 = 0.119	RAINFALL INTENSITY BASED ON 100 YEAR FREQUENCY.		

NEW POND #1 CALCULATIONS

SILT VOLUME = 0.0050.005 AC-FT/AC

R = 4 IN/24HR.

R = 4 IN/24HR.

0.101+0.005 = 0.106 AC-FT

RAINFALL INTENSITY BASED ON 100 YEAR FREQUENCY.

 $TOTAL_{req} = 0.106 AC-FT$ 

	NEW POND #2							
POND NO.	REQUIRED AVAILABLE CAPACITY CAPACITY (ACFT.) (ACFT.)		PEAK OUTLET INFLOW TOWER FLOW (CFS) (CFS)		HIGH WATER SURFACE ELEV. (FT.)	BOTTOM ELEVATION	FREE BOARD	
2	0.129	0.153	1.602	0	3618.72	3617	0.28	

NEW POND	#3 CALCULATIONS	NEW PC	ND #3 AREAS
QT = (ARC)/12 QT = 0.056 AC-FT	SILT VOLUME = 0.006 0.006 AC-FT/AC	CONTOUR	ACCUMULATED VOLUME (AC-FT.)
A = 0.506 AC	0.076+0.006 = 0.076 AC-FT	3617	0.000
R = 4"		3618	0.044
Cw = 0.330	$TOTAL_{req} = 0.076 AC-FT$	3619	0.101
QT x 25% = 0.014 0.056+0.014 = 0.076	RAINFALL INTENSITY BASED ON 100 YEAR FREQUENCY. R = 4 IN/24HR.		

NEW POND #3							
POND NO.			PEAK OUTLET INFLOW TOWER FLOW (CFS) (CFS)		HIGH WATER SURFACE ELEV. (FT.)	BOTTOM ELEVATION	FREE BOARD
3 0.076		0.101	0.936	0	3618.56	3617	0.44

WATERSHED AREAS						
DRAINAGE AREA NO. (1)	DRAINAGE AREA (AC) (2)	DESIGN STORM INTENSITY (150) (3)	TIME OF CONCENTRATION (4)	RUNOFF COEFF. (C) (5)	Q100 (CFS) (6)	
DA-1	0.450	5.606	10.00	0.540	1.363	
DA-2	0.807	5.606	10.00	0.354	1.602	
DA-3	0.506	5.606	10.00	0.330	0.936	

### NOTES:

- (1) WATERSHED AREA IDENTIFICATION
- (2) AREA FROM DRAINAGE PLAN
- (3) RAINFALL INTENSITY, 100 YEAR STORM EASTSIDE INTENSITY
- (4) TIME OF CONCENTRATION: TC= 10 MIN
- (5) RUNOFF COEFFICIENT, 100 YEAR STORM PAVEMENT AREA = 0.900 PONDING AREA = 0.333
- (6)  $Q_{100} = C \times A \times I_{100}$

<b>ler</b>	<b>Valley</b>	
R	DISTRICT	

ROJECT:	
	CUADRILLA PACKAGED
	WASTEWATER TREATMENT FACILITY
	AND SITE IMPROVEMENTS

DRAINAGE PLAN

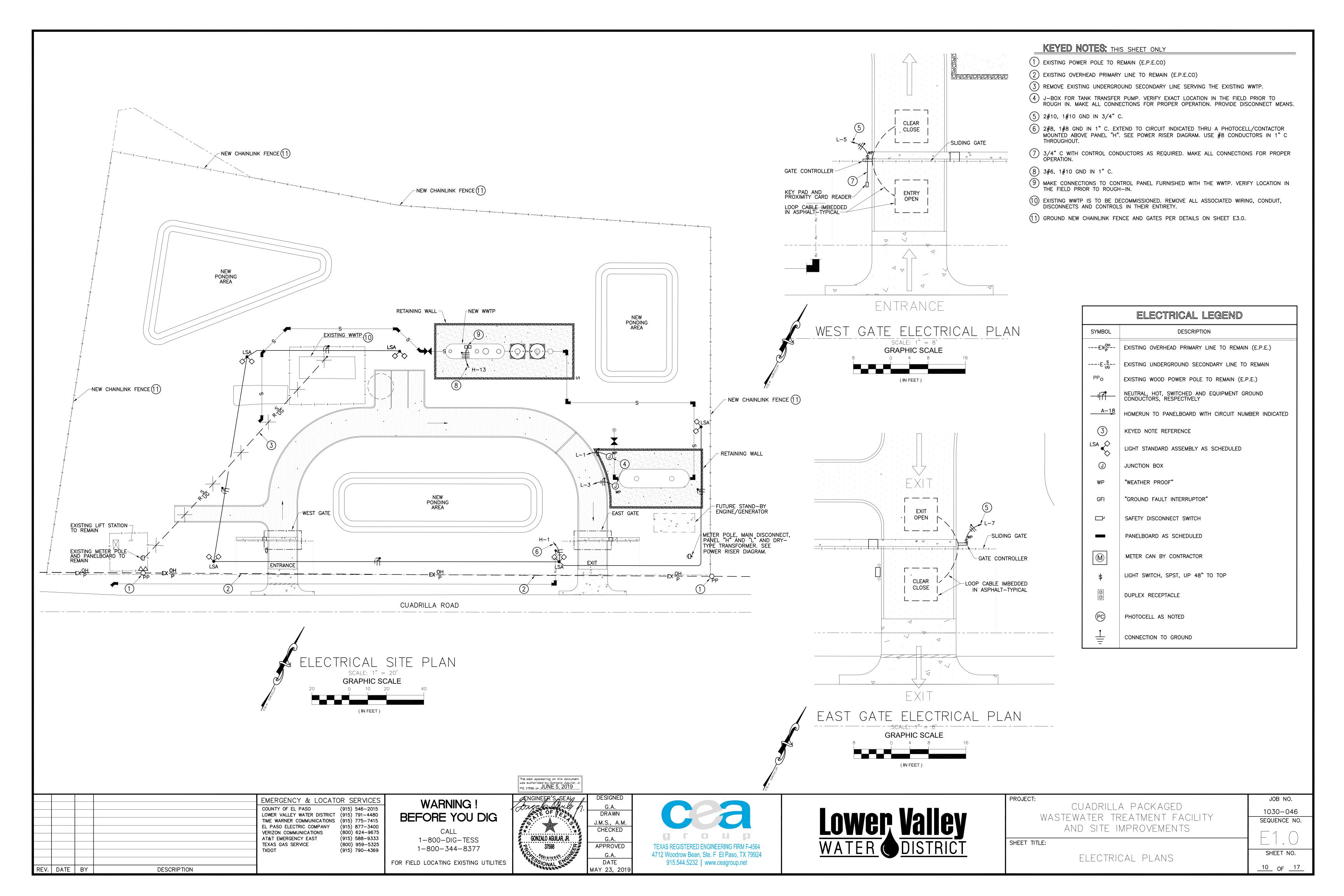
JOB NO. 1030-046 SEQUENCE NO. SHEET NO.

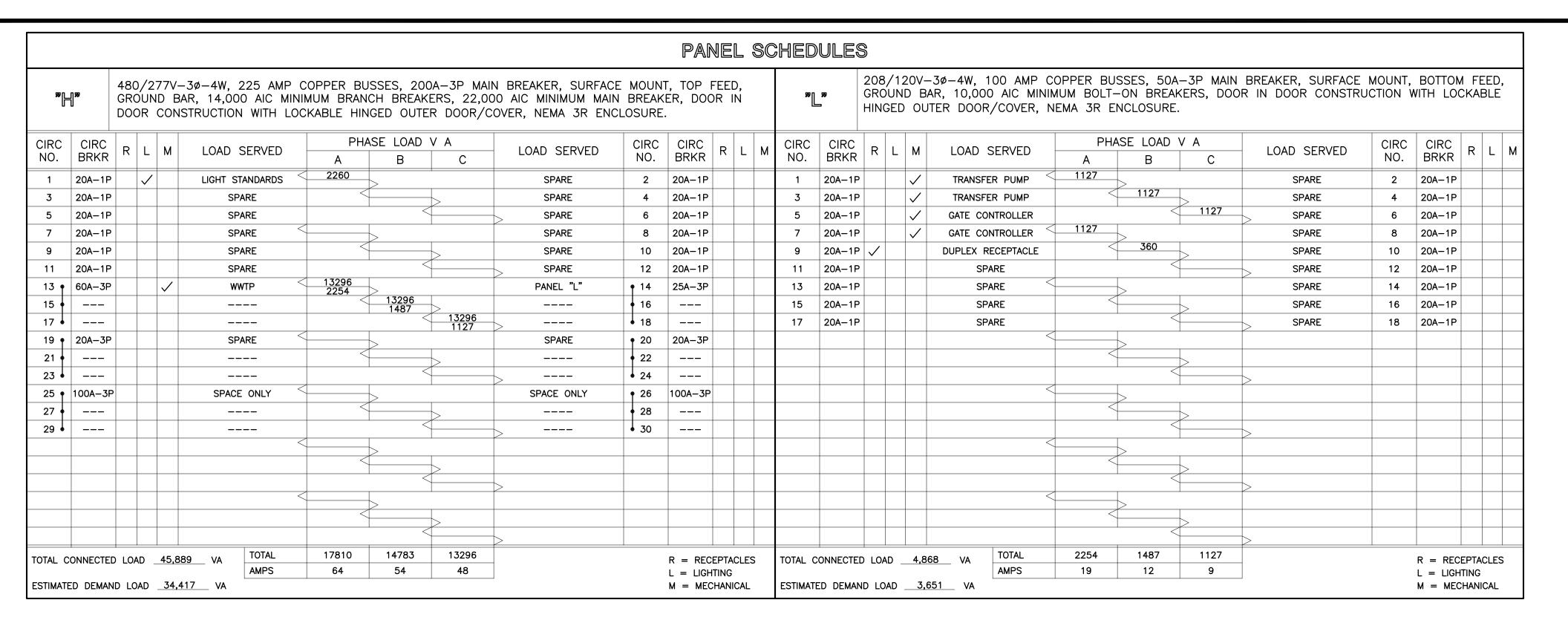
\_9 OF \_17

CHECKED ULISES ESTRADA g r o u p U.E. 90016 (CENSE) (CENSE) (CEA GROUP 06/04/19) F-4564 TEXAS REGISTERED ENGINEERING FIRM F-4564 APPROVED 4712 Woodrow Bean, Ste. F El Paso, TX 79924

915.544.5232 | www.ceagroup.net

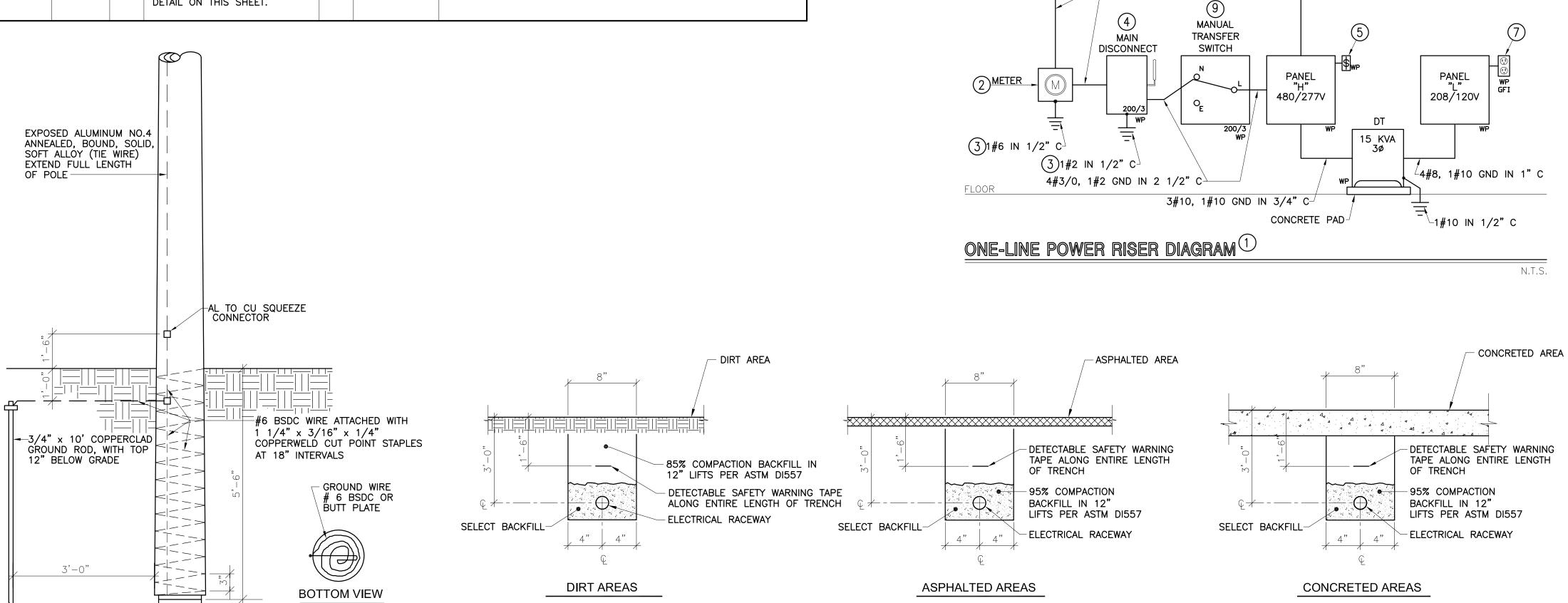
AND SHE IMPROVEMENTS SHEET TITLE:





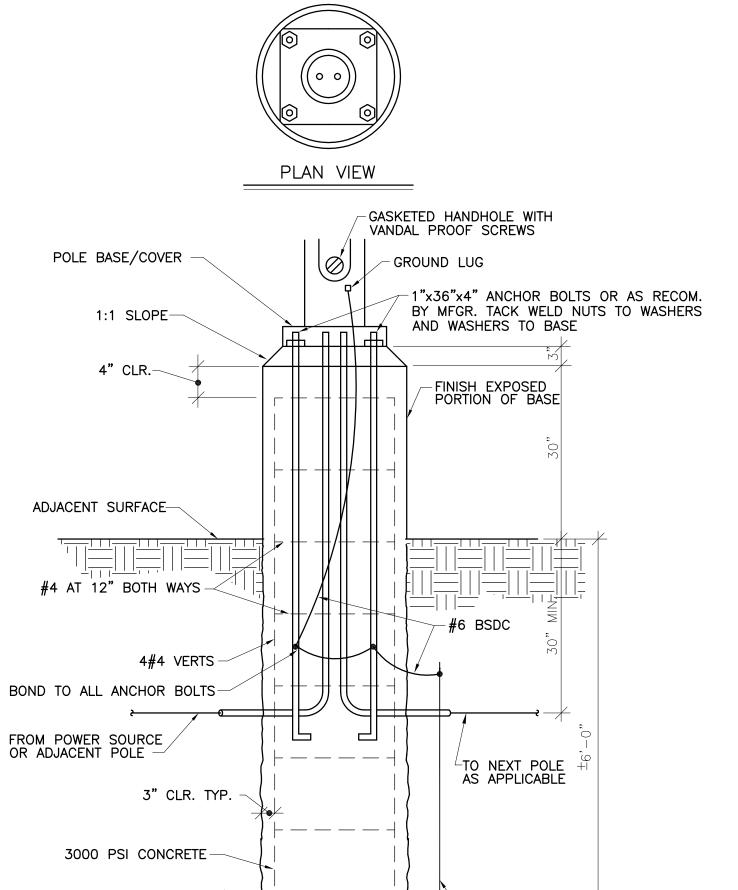
LIGHT STANDARD ASSEMBLY SCHEDULE						
TYPE	SYMBOL		STEEL POLE			LUMINAIRE
IIFE	SIMBOL	LNGTH	DESCRIPTION	QTY.	LAMPS	DESCRIPTION
LSA	•\$	30'	SQUARE NON—TAPERED STELL POLE, HOT DIPPED GALVANIZED, HINGED BASE, 100 MPH WIND LOAD RATING WITH A 1.3 GUST FACTOR. SEE CONCRETE BASE DETAIL ON THIS SHEET.	2	226 WATTS LED 4000*K	FIXTURE TO HAVE FIELD ROTATABLE OPTICS. 226W OF LED AND PROVIDE 26,359 DELIVERED LUMENS WITH A SPILL LIGHT TYPE 4 OPTIC AT 4000K. FIXTURE SHALL PROVIDE 116.6 LPW, A B-U-G RATING OF B2-U0-G5, 277 VOLTS, GRAY. PROVIDE APPROPRIATE BRACKET FOR MOUNTING ON STEEL POLE. BULL HORN BRACKETS NOT ACCEPTABLE.

N.T.S.



### KEYED NOTES: THIS SHEET ONLY

- (1) ALL WORK ASSOCIATED WITH THE SERVICE ENTRANCE SHALL BE COORDINATED AND VERIFIED WITH EL PASO ELECTRIC AND SHALL COMPLY WITH ITS STANDARDS AND REQUIREMENTS.
- (2) METER CAN BY CONTRACTOR.
- 3 PROVIDE MAN-MADE GROUND CONSISTING OF 3 EACH 3/4"X10' COPPER CLAD GROUND RODS SPACED AT 10'-0" AND FORMING AN EQUILATERAL TRIANGLE. TOP OF RODS SHALL BE 12" BELOW FINAL FINISHED GRADE. CONNECT ALL 3 SIDES WITH #2 BARE SOFT DRAWN COPPER AT 18" BELOW GRADE.
- 480 VOLTS, 3P+S/N, 200 AMPS FUSED AT 200, NEMA 3R ENCLOSURE WITH GROUND BAR AND NEUTRAL KIT, RATED FOR SERVICE ENTRANCE.
- (5) LIGHT SWITCH FOR "OFF" OVERRIDE OCNTROL OF LIGHT STANDARDS.
- (6) PHOTOCELL/CONTACTOR FOR CONTROL OF LIGHT STANDARDS PER (6) ON SHEET E1.0. TORK #5404, 277 VOLTS, DPST, 3000 WATTS PER POLE, NEMA TYPE III RAINTITE. MOUNT ABOVE PANEL WITH PHOTOCELL FACING NORTH. PROVIDE SHIELD AS NECESSARY TO PREVENT LIGHTS FROM CYCLING ON AND OFF.
- (7) PROVIDE IN-USE TYPE WEATHERPROOF COVER RATED FOR EXTRA-DUTY APPLICATION AND WET LOCATION, DIE CAST ALUMINUM, REINFORCED HINGE.
- (8) PROVIDE UNISTRUT RACK AS FOLLOWS:
- a) UNISTRUT #P1001 VERTICAL SUPPORTS; 3 MINIMUM. UNISTRUT #P1000 HORIZONTAL SUPPORTS; 3 MINIMUM.
- EACH VERTICAL SUPPORT SHALL BE PROVIDED WITH A CONCRETE BASE AS FOLLOWS:
- 12" DIAMETER MINIMUM. 30" DEEP MINIMUM.
- TOP SHALL BE 6" ABOVE FINAL FINISHED GRADE.
- TOP SHALL BE DOMED FOR WATER RUNOFF. MATERIAL, UNISTRUT AND HARDWARE SHALL BE HOT DIPPED GALVANIZED.
- (9) MANUEL TRANSFER SWITCH, 200 AMPS, 3PDT, S/N, GROUND LUG, NEMA 3R ENCLOSURE.



CONCRETE BASE DETAIL: TYPE "LSA" LIGHT STANDARD ASSEMBLIES

TYPICAL TRENCH DETAILS The seal appearing on this document was authorized by Gonzalo Aguilar, Jr. PE. 37598. on JUNE 5, 2019 N.T.S.

METER POLE 8

-TO 480/277V-3ø-4W AERIAL SERVICE DROP

-4#3/0 IN 2 1/2" C

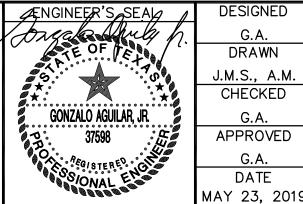
				EMERGENCY & LOCATO	OR SERVICES
				COUNTY OF EL PASO LOWER VALLEY WATER DISTRICT TIME WARNER COMMUNICATIONS	(915) 546-2015 (915) 791-4480 (915) 775-7415
				EL PASO ELECTRIC COMPANY VERIZON COMMUNICATIONS AT&T EMERGENCY EAST	(915) 877–3400 (800) 624–9675 (915) 588–9333
				TEXAS GAS SERVICE TXDOT	(800) 959–5325 (915) 790–4369
REV.	DATE	BY	DESCRIPTION		

METER POLE GROUNDING DETAIL

### WARNING! BEFORE YOU DIG

CALL 1-800-DIG-TESS 1-800-344-8377

FOR FIELD LOCATING EXISTING UTILITIES









PROJECT:		
	CUADRILLA PACKAGED	
	WASTEWATER TREATMENT FACILITY	
	AND SITE IMPROVEMENTS	

SHEET TITLE:

4" CLR.

PANEL SCHEDULES & DETAILS

JOB NO. 1030-046 SEQUENCE NO. SHEET NO. <u>11</u> OF <u>17</u>

N.T.S.

3/4"x10' COPPER CLAD GND. ROD W/TOP 12"

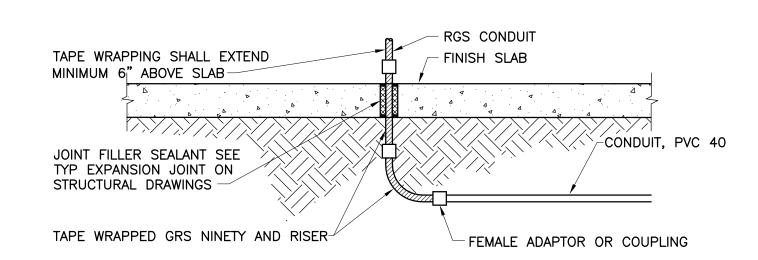
BELOW GRADE

### SUPPLEMENTARY SPECIFICATIONS

- ANTI-SEIZE COMPOUND. THE CONTRACTOR SHALL USE ANTI-SEIZE COMPOUND WHEN USING BOLTS AND SCREWS TO INSTALL ANY AND ALL TYPES OF PRE-MANUFACTURED EQUIPMENT. THIS INCLUDES TRANSFORMERS, PANELS, SWITCHGEAR, MOTORS, MOTOR CONTROLLERS, PANELS AND OTHER FIXTURES THAT ARE CONTRACTOR INSTALLED. THIS DOES NOT APPLY TO FACTORY-ASSEMBLED SYSTEMS THAT HAVE A UL OR SIMILAR LABEL. ACCEPTABLE ANTI-SEIZE COMPOUNDS ARE:
  - PERMATEX ANTI-SEIZE LOCTITE ANTI-SEIZE

BOSTIK NEVER SEEZ

- ANTI-CORROSION COMPOUND. ANTI-CORROSION COMPOUND SHALL BE USED TO PROTECT BUSBAR SPLICES OR CONDUCTOR TERMINATIONS IN CORROSIVE AREAS. APPLY IT IN COMPLIANCE WITH MANUFACTURER'S INSTRUCTIONS. ALL EXCESS COMPOUND SHALL BE WIPED OFF TO PREVENT ACCUMULATION OF DIRT OR CONTAMINANTS. IN CORROSIVE AREAS INSULATING BOOTS SHALL ALSO BE REQUIRED OVER SPLICES. ACCEPTABLE ANTI-CORROSION COMPOUND IS NO-OX-ID A SPECIAL ELECTRICAL GRADE OR EPWU APPROVED EQUAL.
- C. TESTING:
  - GENERAL: PROVIDE A COMPLETE SET OF TESTS TO ENSURE THAT, A) THE SPECIFIED EQUIPMENT, MATERIALS AND COMPONENTS HAVE BEEN INSTALLED; B) THE INSTALLATION HAS BEEN DONE IN COMPLIANCE WITH MANUFACTURER'S INSTRUCTIONS, AND MANUFACTURER'S CERTIFICATION (WHERE APPLICABLE) HAS BEEN COMPLIED WITH; C) EQUIPMENT PERFORMS AS DESIGNATED AND INTENDED. CONTRACTOR TO COMPLY WITH ALL APPLICABLE SAFETY PROCEDURES WHILE PERFORMING ANY TESTING; NFPA 70E.
  - DOCUMENTATION: WRITTEN REPORT FORMS FOR ALL TESTING SHALL BE INCLUDED IN THE O&M DOCUMENTATION. THIS SHALL INCLUDE WRITTEN RESULTS FOR ALL TESTING REQUIRED FOR ALL EQUIPMENT INSTALLED UNDER THIS SECTION. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER OR PEM (AS APPLICABLE) A WRITTEN STARTUP PROCEDURE FOR REVIEW AND APPROVAL.
  - CERTAIN TESTING IS SIMPLE AND ROUTINE ENOUGH, AND CAN BE COMPETENTLY PERFORMED BY A QUALIFIED ELECTRICAL CONTRACTOR. OTHER TESTING, SUCH AS INSULATION TESTING AND OTHER SPECIALIZED EQUIPMENT TESTING REQUIRES THAT IT BE PERFORMED BY A THIRD PARTY TESTING COMPANY OR A FACTORY-TRAINED REPRESENTATIVE THAT IS COMPLETELY INDEPENDENT FROM THE ELECTRICAL CONTRACTOR.
  - GROUNDING TEST: GROUNDING TEST TO VERIFY THE DESIGNED GROUNDING SYSTEM WAS INSTALLED AS DESIGNED. GROUND RESISTANCE TESTING EQUIPMENT SHALL BE OF THE CLAMP-ON OR 3-POINT TYPE, USING CALIBRATED EQUIPMENT SUCH AS THAT MADE BY AEMC, EXTECH OR FLUKE.
  - VISUAL INSPECTION: VISUAL INSPECTION TEST TO VERIFY THAT, A) THE EQUIPMENT, MATERIALS, AND COMPONENTS WERE INSTALLED AS DESIGNED, B) THE APPROVED EQUIPMENT, MATERIALS AND COMPONENTS WERE INSTALLED, C) ALL MATERIAL, COMPONENTS AND ACCESSORIES WERE INSTALLED IN COMPLIANCE WITH NEC, APPLICABLE CODES AND STANDARDS, AND MANUFACTURER'S INSTRUCTIONS, D) ALL EQUIPMENT WAS INSTALLED IN COMPLIANCE WITH MANUFACTURER'S INSTRUCTIONS, AND WHERE SPECIFIED OR REQUIRED, A FACTORY AUTHORIZED REPRESENTATIVE WAS USED TO VERIFY THE EQUIPMENT WAS INSTALLED ACCORDINGLY, WAS ADJUSTED AND CALIBRATED PER MANUFACTURER'S INSTRUCTIONS, AND THE EQUIPMENT IS PERFORMING AS
  - DESIGNED. INSULATION TEST: A COMPREHENSIVE INSULATION TEST THAT WHEN CORRECTLY PERFORMED, WILL ENSURE THE INSULATION OF ALL EQUIPMENT, MATERIAL AND COMPONENTS, AT ALL SPECIFIED VOLTAGES, PERFORMS IN COMPLIANCE WITH NETA AND MANUFACTURER'S SPECIFICATIONS. ALL INSULATED POWER CABLE TESTING SHALL BE DONE IN COMPLIANCE WITH THE CORRESPONDING IPCEA STANDARD BY A THIRD-PARTY TESTING COMPANY. FOR CABLE TERMINATIONS AT MOTOR JB, USE ILSCO MULTI-TAP CONNECTORS. FOR PUMP MOTOR, PERFORM WINDING INSOLATION TEST AND POLARITY INDEX TEST.
  - CONTINUITY TEST: A CONTINUITY TEST IS MANDATORY TO ENSURE EACH WIRE OR CONDUCTOR IS TERMINATED AS DESIGNED OR AS REQUIRED SO THE
  - CONDUCTOR PERFORMS SAFELY AND THE CIRCUIT PERFORMS AS INTENDED. PHASE SEQUENCE TEST: THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING A PHASE SEQUENCE TEST ON ALL THREE PHASE EQUIPMENT THAT REQUIRES IT TO PREVENT DAMAGE TO OTHER EQUIPMENT. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ANY DAMAGE CAUSED BY IMPROPER TESTING OR LACK THEREOF.
  - STARTUP TESTING: CONTRACTOR TO FOLLOW MANUFACTURER'S WRITTEN STARTUP PROCEDURES TO ENSURE A CORRECT ADJUSTMENT AND STARTUP SEQUENCE AND TO MAINTAIN ANY APPLICABLE EQUIPMENT WARRANTIES. VERIFY CORRECT ALIGNMENT OF PUMP-MOTOR ASSEMBLY USING A LASER ALIGNMENT TESTER, OPTALIGN SMART RS5 OR EQUIVALENT
  - PERFORMANCE TESTS: PRFORMANCE TESTING SHALL CONFIRM THE INSTALLED EQUIPMENT PERFORMS AS RATED BY THE MANUFACTURER.



### RISERS FROM DIRECT BURIED PVC CONDUIT

DESCRIPTION

REV. | DATE | BY

1 5/8" BACK-TO-BACK STAINLESS STEEL U-CHANNEL U-SHAPE CONNECTOR (TYP.) STAINLESS STEEL 1 5/8" U-CHANNEL STAINLESS STEEL END (TYP.) STAINLESS STEEL -CAPS (TYP.)  $\sim$  (4) 1/2" DIAMETER STAINLESS STEEL (4) 1/2" DIAMETER STAINLESS **EPOXY ANCHOR BOLTS** POST BASE ST. STL. STEEL EPOXY ANCHOR BOLTS WITH LEVELING NUTS POST BASE ST. STL. WITH LEVELING NUTS AND A AND A MIN. 7" EMBEDMENT MIN. 7" EMBEDMENT (TYP.) NEW CONCRETE SLAB NEW CONCRETE SLAB NOTES: 1. EQUIPMENT SHALL BE MOUNTED SO THAT INDICATION, ADJUSTMENTS, OR OPERATING HANDLES ARE FOUR TO FIVE FEET ABOVE CONCRETE SLAB.

2. MATERIALS AND HARDWARE SHALL CONFORM TO THE REQUIREMENTS OF DIVISION 26.

EQUIPMENT MOUNTING RACK DETAIL

NUMBER AND SPACING OF

REQUIRED (TWO MINIMUM)

CROSS MEMBERS AS

5'-0" MAX

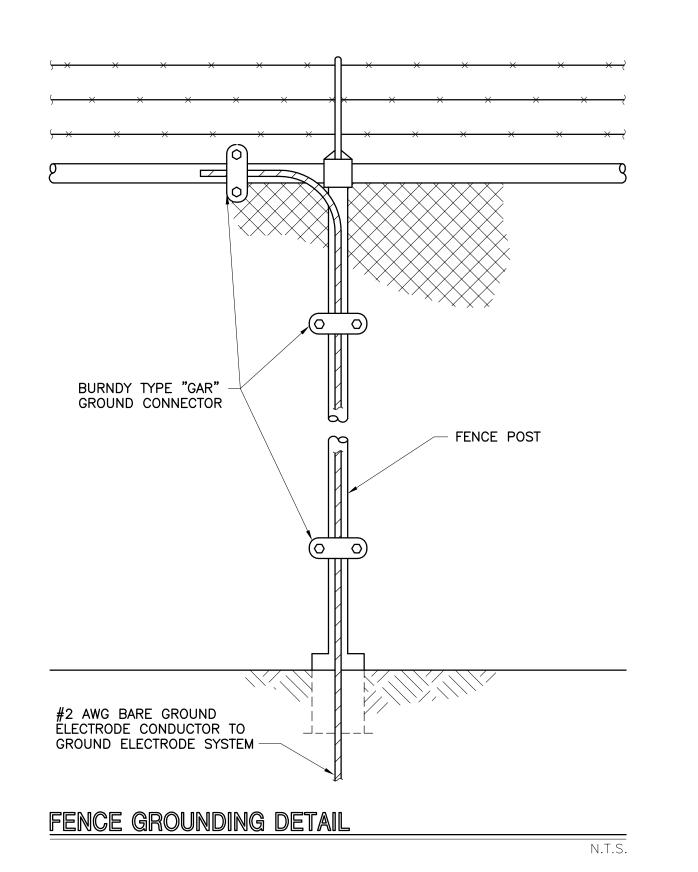
PANEL "H" 480/277V-3ø-4W PANEL "L" 208/120V-3ø-4W MAIN DISCONNECT \_ \_\_ \_ \_ \_ \_ \_ \_ -PHASE BUSSES -PHASE BUSSES GROUND-BOND -DISCONNECT 1#2 IN 1/2" C NEUTRAL DISCONNECT LINK-TO LOAD-DRY-TYPE TRANSFORMER ---1#10 IN 1/2" C

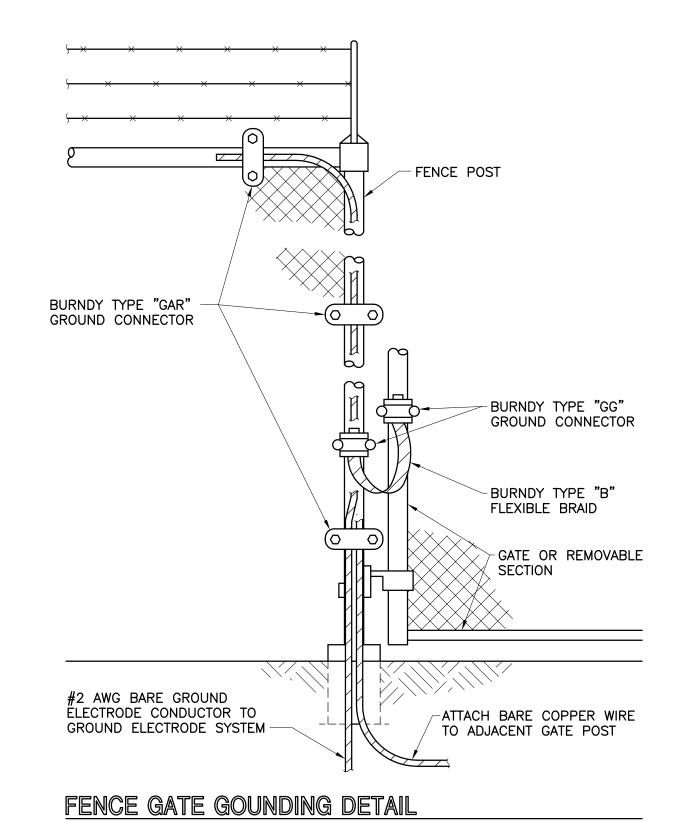
GROUNDING DETAIL FOR 480/277V-3Ø-4W SERVICE

BACK FORMED OF SINGLE SHEET 10 GA. ALUMINUM. BEND EDGE TO FORM 1" FLANGE. WELD TO TOP AND SIDES. TOP AND SIDES FORMED OF SINGLE SHEET 10 GA. ALUMINUM 2'-0" MIN ROUND EDGES & CORNERS-INSTRUMENT NOTES:

- 1. ALL EXPOSED EDGES TO BE GROUND SMOOTH AND BURR FREE.
- 2. MOUNT RAIN HOOD BETWEEN INSTRUMENT AND STANCHION. USE STAINLESS STEEL BOLTS AND INSULATING WASHERS AND SLEEVES.

FIELD INSTRUMENT SUN SHIELD DETAIL



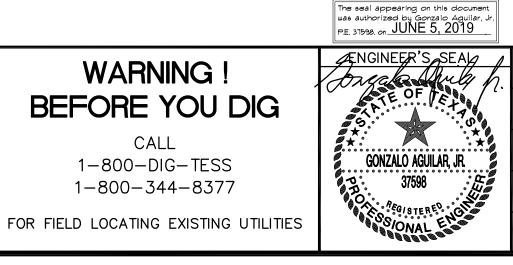


EMERGENCY & LOCATOR SERVICES COUNTY OF EL PASO (915) 546-2015LOWER VALLEY WATER DISTRICT (915) 791-4480 TIME WARNER COMMUNICATIONS (915) 775-7415 EL PASO ELECTRIC COMPANY (915) 877-3400 VERIZON COMMUNICATIONS (800) 624-9675 AT&T EMERGENCY EAST (915) 588-9333 (800) 959-5325 TEXAS GAS SERVICE TXDOT (915) 790-4369

### WARNING! **BEFORE YOU DIG**

N.T.S.

1-800-DIG-TESS 1-800-344-8377





N.T.S.

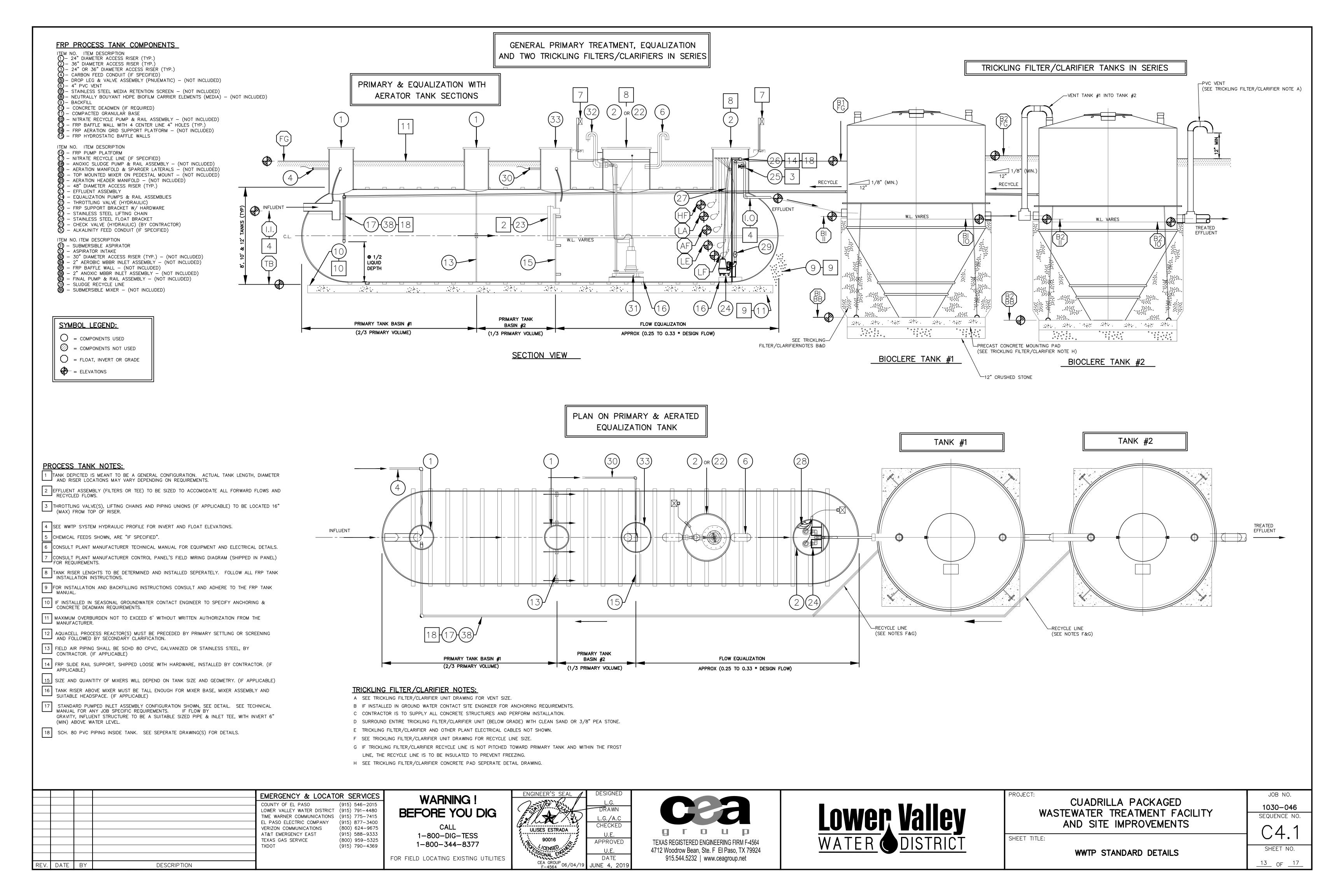


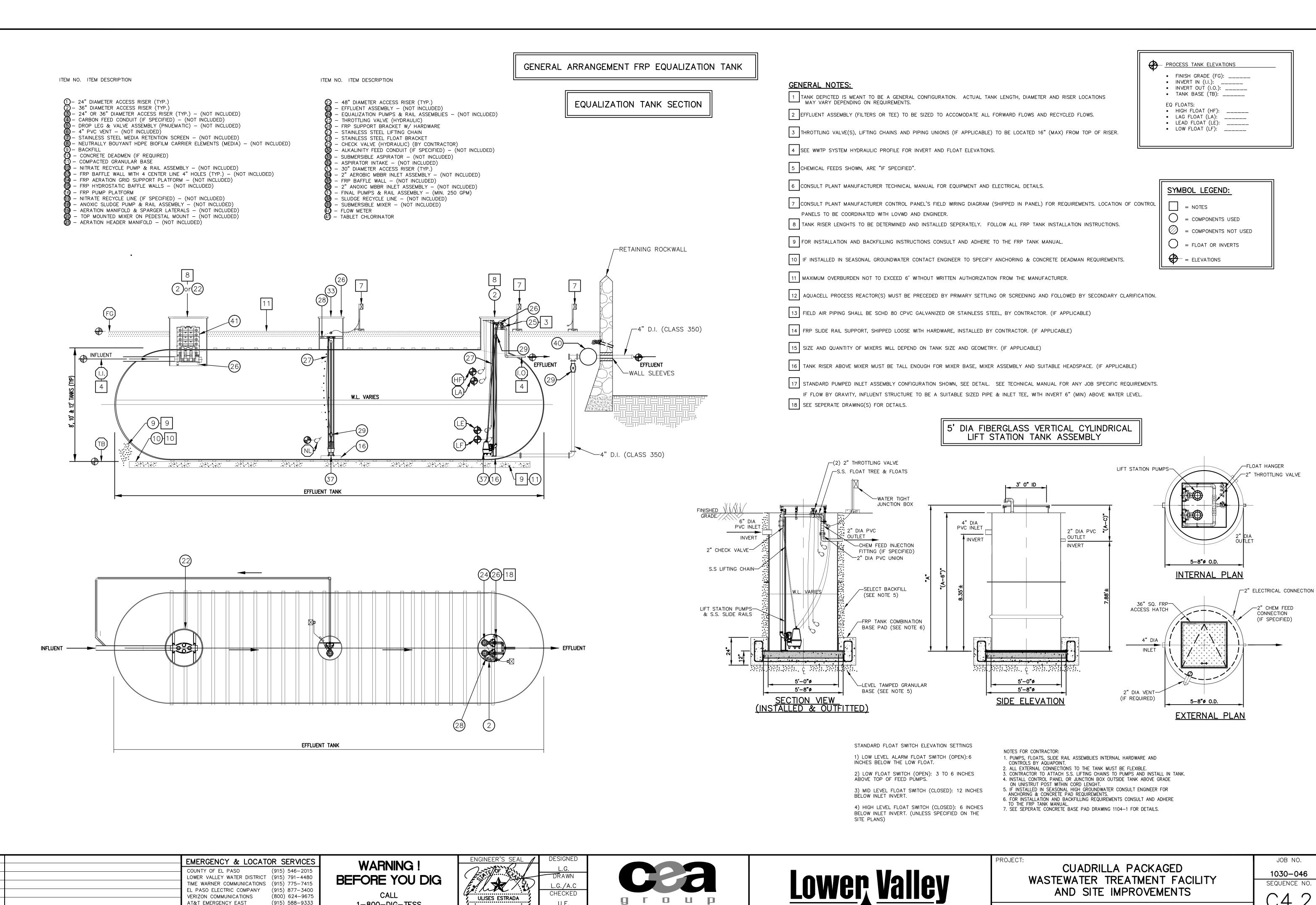
PROJECT:	
	CUADRILLA PACKAGED
	WASTEWATER TREATMENT FACILITY
	AND SITE IMPROVEMENTS

SHEET TITLE: ELECTRICAL DETAILS AND SUPPLEMENTRY SPECIFICATIONS

JOB NO.			
1030-046			
SEQUENCE NO.			
F30			
SHEET NO.			
_12_ OF _17_			

N.T.S.





SHEET TITLE:

WWTP STANDARD DETAILS

SHEET NO.

<u>14</u> OF <u>17</u>

AT&T EMERGENCY EAST

TEXAS GAS SERVICE

TXDOT

DESCRIPTION

REV. DATE BY

(915) 588-9333

(800) 959-5325

(915) 790-4369

1-800-DIG-TESS

1-800-344-8377

FOR FIELD LOCATING EXISTING UTILITIES

90016

CEA GROUP 06/04/1

CENSED.

APPROVED

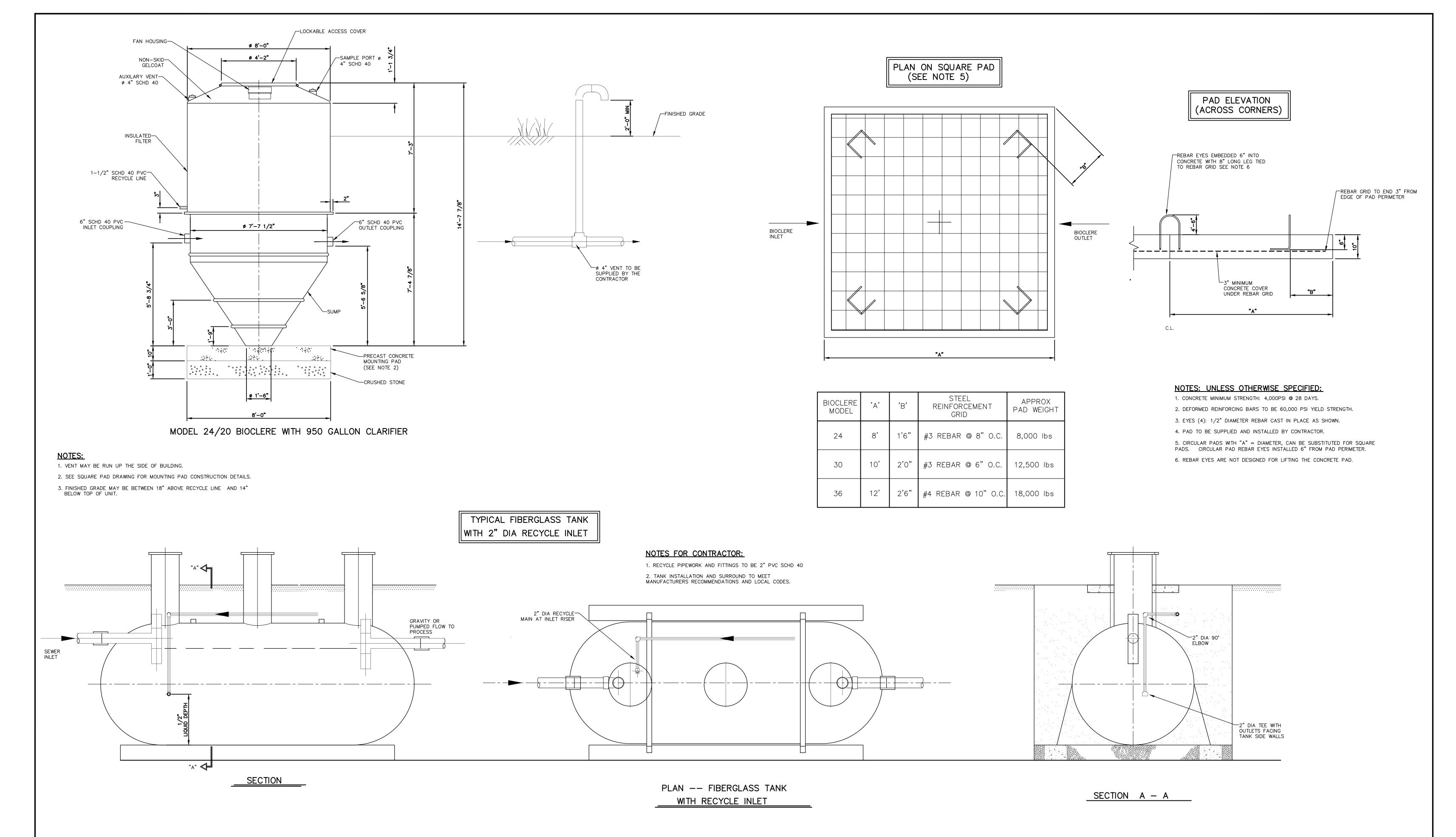
DATE

JUNE 4, 2019

TEXAS REGISTERED ENGINEERING FIRM F-4564

4712 Woodrow Bean, Ste. F El Paso, TX 79924

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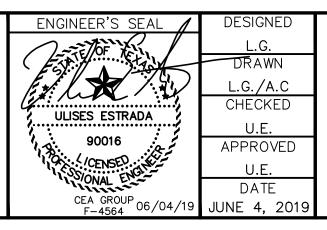


				EMERGENCY & LOCATO	OR SERVICES
				COUNTY OF EL PASO LOWER VALLEY WATER DISTRICT TIME WARNER COMMUNICATIONS	(915) 546-2015 (915) 791-4480 (915) 775-7415
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				TEXAS GAS SERVICE TXDOT	(800) 959-5325 (915) 790-4369
REV.	DATE	BY	DESCRIPTION		

# WARNING! BEFORE YOU DIG

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FOR FIELD LOCATING EXISTING UTILITIES







PROJECT:
CUADRILLA PACKAGED
WASTEWATER TREATMENT FACILITY
AND SITE IMPROVEMENTS

SHEET TITLE:

WWTP EXCAVATION DETAILS

JOB NO.

1030-046

SEQUENCE NO.

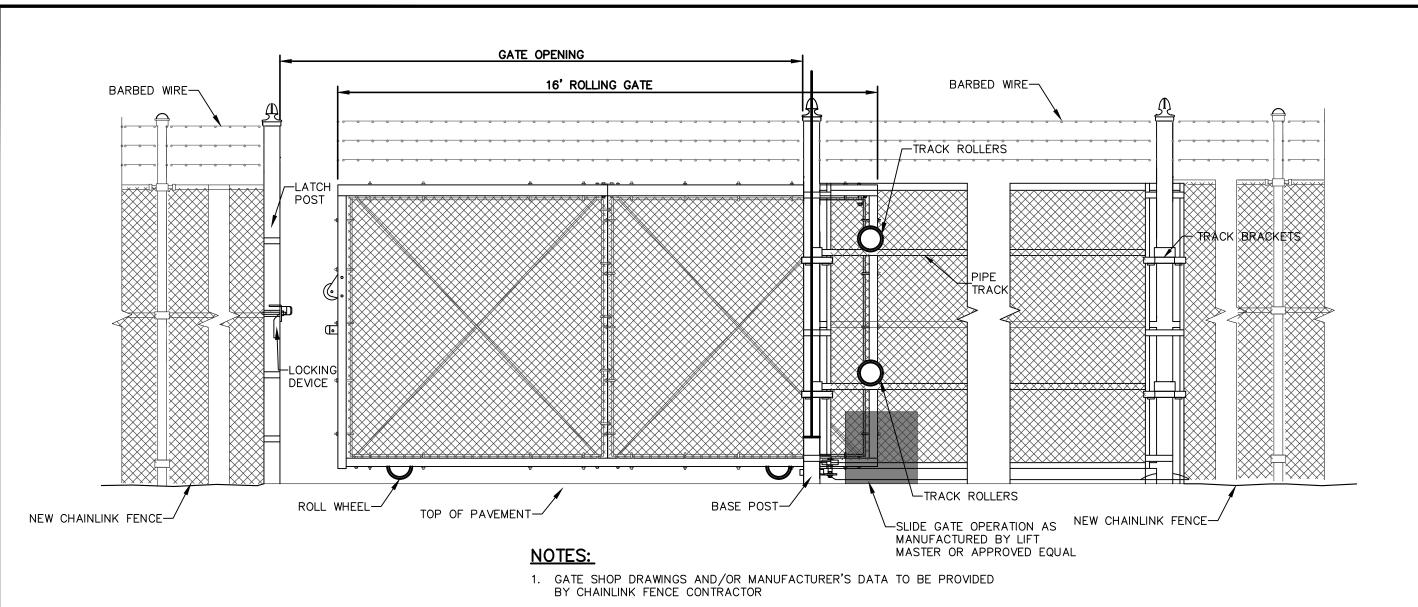
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SHEET NO.

N DETAILS

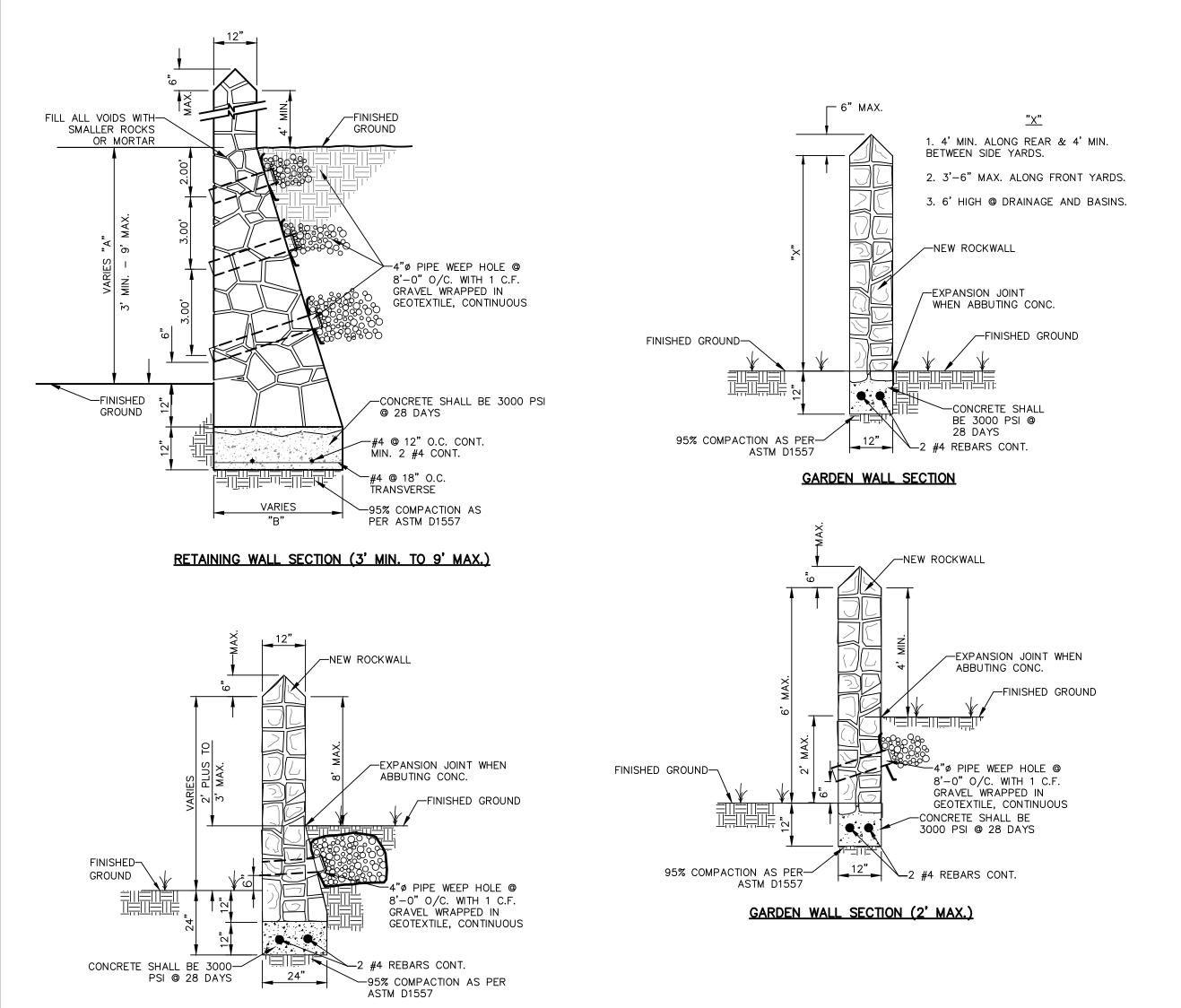
SHEET NO.

15 OF 17



- 2. INSTALL AS PER MANUFACTURER'S INSTRUCTIONS.
- 3. PIPE TRACK SPACING AS PER MANUFACTURER'S INSTRUCTIONS.





**EMERGENCY & LOCATOR SERVICES** 

LOWER VALLEY WATER DISTRICT (915) 791-4480 TIME WARNER COMMUNICATIONS (915) 775-7415 EL PASO ELECTRIC COMPANY (915) 877-3400

VERIZON COMMUNICATIONS

AT&T EMERGENCY EAST

TEXAS GAS SERVICE

TXDOT

(800) 624-9675

(915) 588-9333

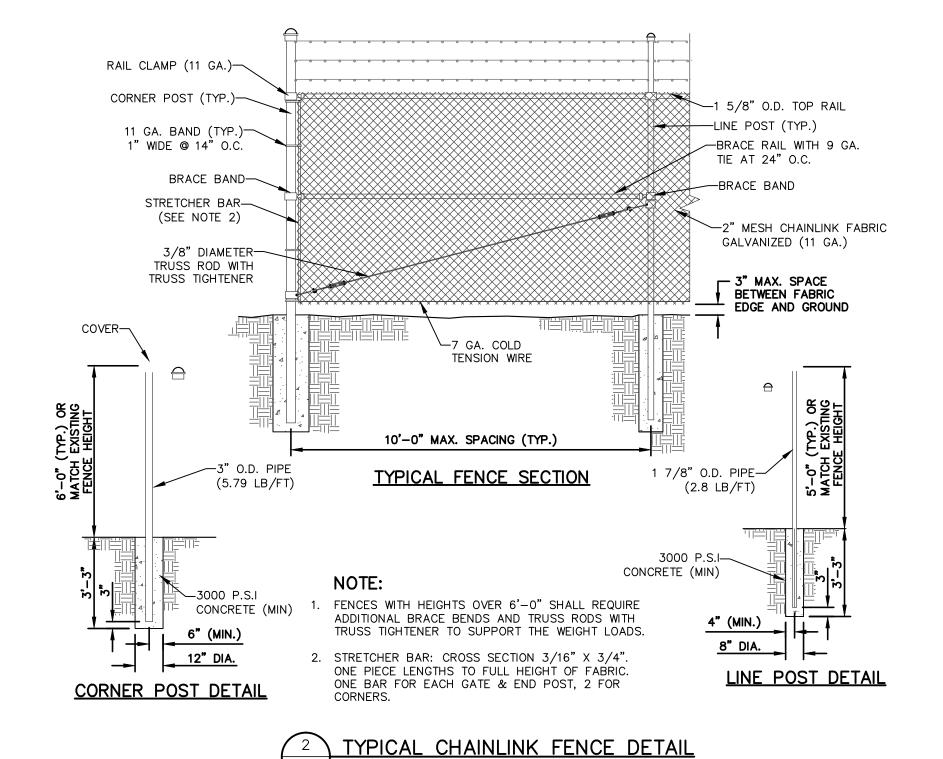
(800) 959-5325

(915) 790-4369

**RETAINING WALL SECTION** (2' PLUS TO 3' MAX.)

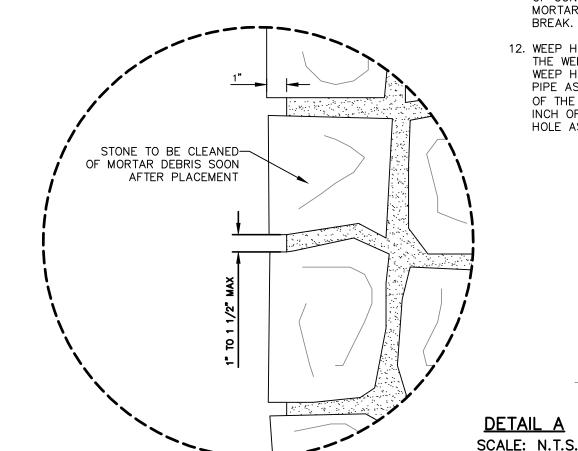
DESCRIPTION

REV. DATE BY



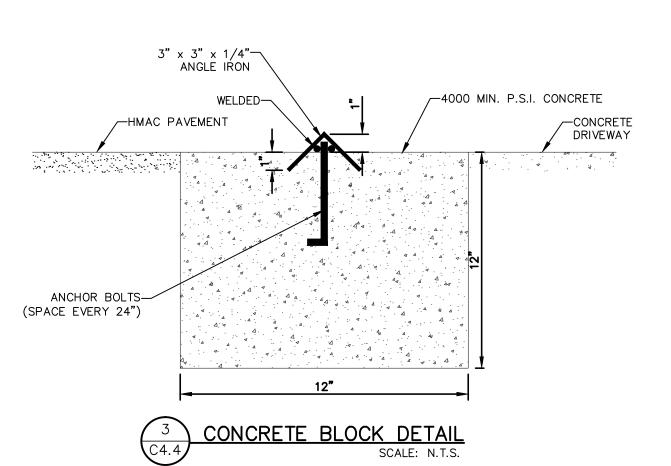
### **ROCK WALL NOTES**

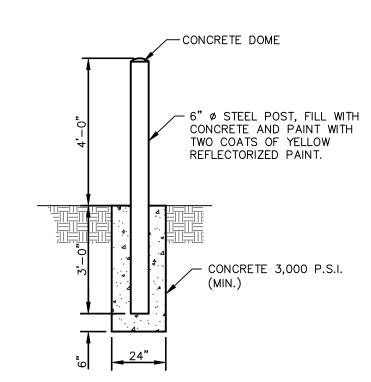
- 1. STONE FOR ROCKWALL SHALL BE AS NEARLY UNIFORM IN SECTIONS AS IN PRACTICABLE THE STONE SHALL BE DENSE AND RESISTANT OF AIR AND WATER.
- 2. MORTAR MUST BE TYPE "S" 1800 P.S.I. AS PER ASTM C270.
- 3. MASONRY WALL OVER SIX (6) FEET IN HEIGHT AND THOSE USED FOR EARTH RETENTION OVER TWO (2) FEET MUST BE DESIGNED AS STRUCTURAL WALLS.
- 4. ROCKWALL MORTAR JOINTS MUST NOT EXCEED TWO (2) INCHES.
- 5. PROVIDE ONE (1) INCH EXPANSION JOINTS AT EVERY 100 FEET. 6. ALL STONE SHALL BE THOROUGHLY SOAKED BEFORE BEING PLACED
- 7. ALL STONE FOR ROCKWALLS SHALL BE FRACTURED QUARRIED ROCK OR ROUND ROCK, NO RIVER ROCK SHALL BE ALLOWED.
- 8. REINFORCING STEEL SHALL BE ASTM A615 GRADE 40.
- 9. ALLOWABLE SOIL BEARING PRESSURE = 2,200 PSI (MINIMUM).
- 10. BACKFILL MATERIALS SHALL CONSIST OF COARSE GRAINED, WELL-DRAINED SOILS (WITH NO CLAY CONTENT).
- 11. MATERIALS: STONE FOR ROCK WALLS SHALL CONSIST OF QUARRIED LIMESTONE AS NEARLY UNIFORM IN SECTION AS IS PRACTICABLE. FIELD STONE OR SALVAGED STONE FROM ROCK WALLS SHALL BE USED ONLY WHERE DIRECTED BY THE ENGINEER. THE STONE SHALL BE DENSE, RESISTANT TO THE ACTION OF AIR AND WATER, CLEAN OF OLD MORTAR AND SUITABLE IN ALL RESPECTS FOR THE PURPOSE INTENDED.

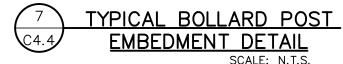


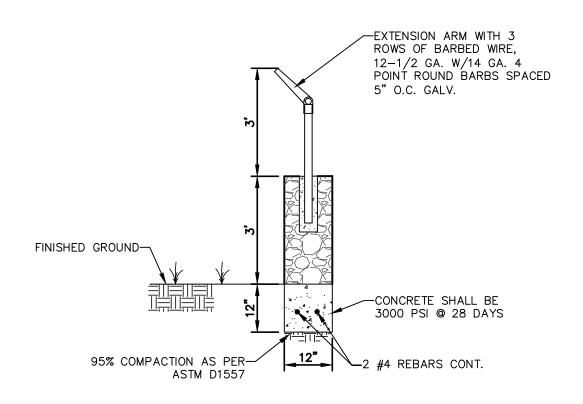
- 12. CONSTRUCTION METHODS: PRIOR TO PLACING THE CONCRETE FOUNDATION, THE EXCAVATION FOR THE ROCK WALLS SHALL BE MADE TO THE PROPER SECTION, AND, IF CONSIDERED NECESSARY BY THE ENGINEER, THE BOTTOM OF EXCAVATION SHALL BE HAND-TAMPED AND SPRINKLED. THE EXCAVATED AREA FOR ROCK WALLS SHALL BE MOIST WHEN THE CONCRETE IS PLACED. REINFORCING STEEL SHALL BE PLACED CONTINUOUSLY AS SHOWN ON THE PLANS AND PROPERLY SUPPORTED THROUGHOUT THE PLACEMENT OF CONCRETE. THE SURFACE OF THE CONCRETE SHALL NOT BE TROWELED. THE CONCRETE SHALL BE CURED A MINIMUM OF 24 HOURS BEFORE ANY STONE OR MORTAR IS PLACED ON THE FOUNDATION. THE CONCRETE SHALL BE CURED A MINIMUM OF 48 HOURS BEFORE MORE THAN 300 POUNDS PER SQUARE FOOT OF STONE AND MORTAR IS PLACED ON THE FOUNDATION. CONTRACTOR SHALL EMBED THE FIRST FOUR INCHES OF THE FIRST LAYER INTO THE FRESH CONCRETE OF THE FOOTING.
- 13. STONE SHALL BE SELECTED AS TO SIZE AND SHAPE IN ORDER TO SECURE FAIRLY LARGE, FLAT-SURFACED STONE WHICH MAY BE ERECTED WITH TRUE AND EVEN SURFACE FACES AND A MINIMUM OF EXPOSED MORTAR, ALL STONES SHALL BE THOROUGHLY CLEANED, WETTED, HAND-PLACED AND EMBEDDED IN MORTAR SO THAT NO STONES SHALL TOUCH EACH OTHER OR THE CONCRETE FOUNDATION BUT SHALL BE FIRMLY BOUND TOGETHER WITH MORTAR. THE FINISHED SURFACE SHALL PRESENT A NEAT, CLEAN, WORKMANLIKE AND TRUE-TO-LINE APPEARANCE. THE INTERIOR OF THE ROCK WALL SHALL BE COMPLETELY FILLED WITH SPALLS AND PIECES OF THE SPECIFIED STONE, COMPLETELY EMBEDDED AND SURROUNDED BY MORTAR WITH NO VOIDS.
- 11. THE ERECTION OF THE ROCK WALL SHALL NOT BE MORE THAN THREE FEET IN HEIGHT FOR EVERY 24-HOUR PERIOD TO ALLOW FOR THE LOWER PORTIONS TO BECOME SUFFICIENTLY SET. ALL STONES SHALL BE THOROUGHLY WET BEFORE BEING PLACED IN FRESH MORTAR. THE LAST LAYER OF ROCK PRIOR TO BREAK OF CONSTRUCTION PHASE SHALL NOT HAVE ANY MORTAR ON TOP. FRESH MORTAR MUST BE USED FOR CONTINUATION OF WORK FOLLOWING ERECTION
- 12. WEEP HOLES SHALL BE PLACED ON THE ROCK WALL AS SHOWN ON THE PLANS. THE WEEP HOLES SHALL BE NOT MORE THAN TEN FEET APART ON-CENTER. THE WEEP HOLES SHALL CONSIST OF FOUR-INCH VITRIFIED CLAY PIPE, OR OTHER PIPE AS APPROVED BY THE ENGINEER, NEATLY CUT TO THE EXPOSED SURFACE OF THE ROCK WALL. NO LESS THAN ONE CUBIC FOOT OF ONE-INCH TO 3/4-INCH OF GRADED GRAVEL SHALL BE PLACED AT THE INLET OF EACH WEÉP HOLE AS SHOWN ON THE PLANS.

RETAINING ROCK WALL		
"A"	"B"	
3.01'	2'-6"	
4'	2'-10"	
5'	3'-3"	
6'	3'-8"	
7'	4'-0"	
8'	4'-5"	
9'	4'-10"	







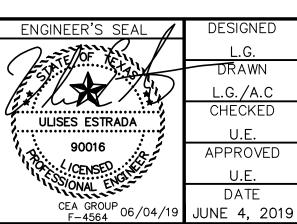


<u>TYPICAL ROCKWALL AND CHAINLINK FENCE DETAILS</u>

	_			
(	3	TYPICAL	ROCKWALL	DETAILS
	C4.4			1/2" = 1'-0"

**WARNING! BEFORE YOU DIG** 

1-800-DIG-TESS 1-800-344-8377 FOR FIELD LOCATING EXISTING UTILITIES





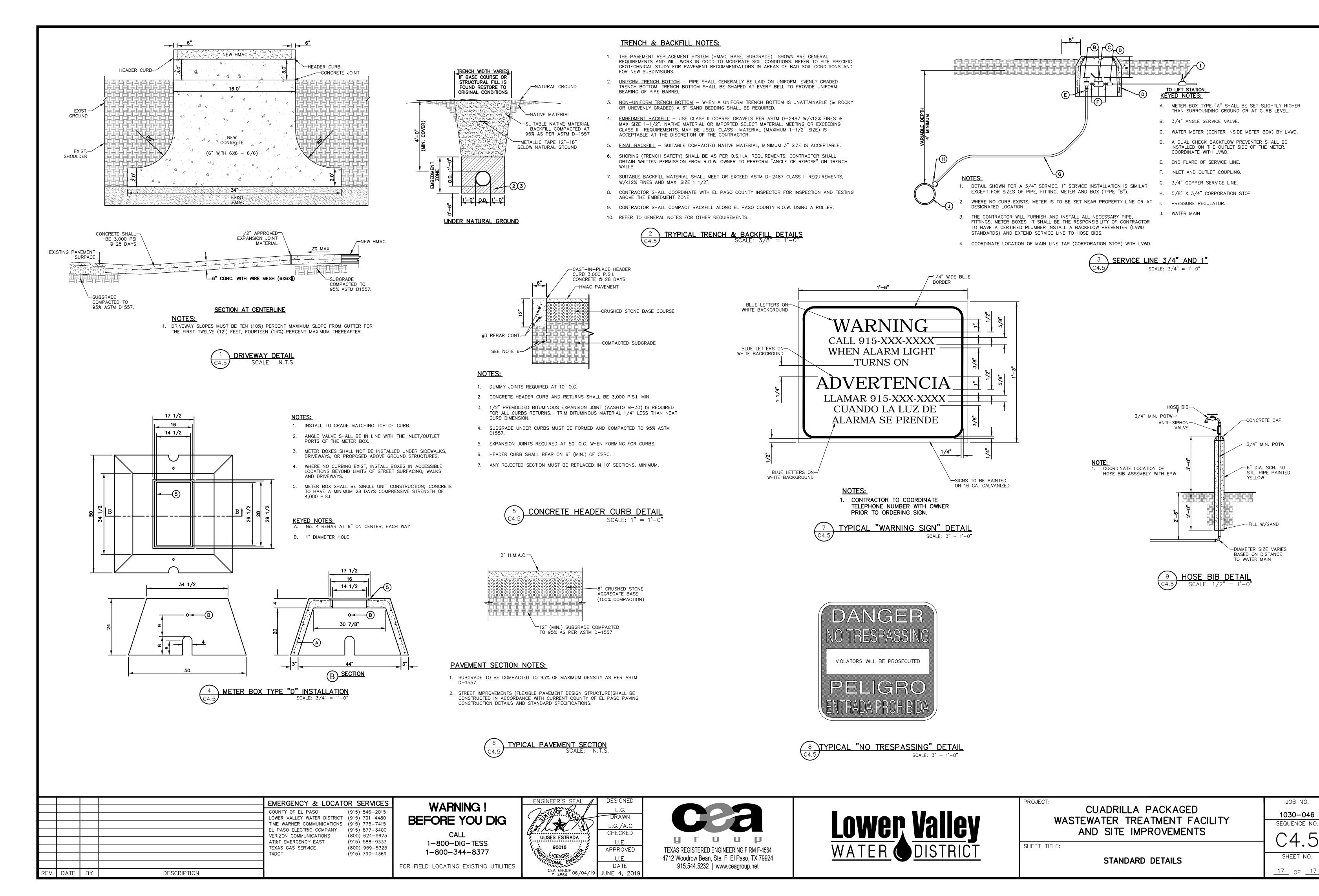


PROJECT:	
	CUADRILLA PACKAGED
	WASTEWATER TREATMENT FACILITY
	AND SITE IMPROVEMENTS

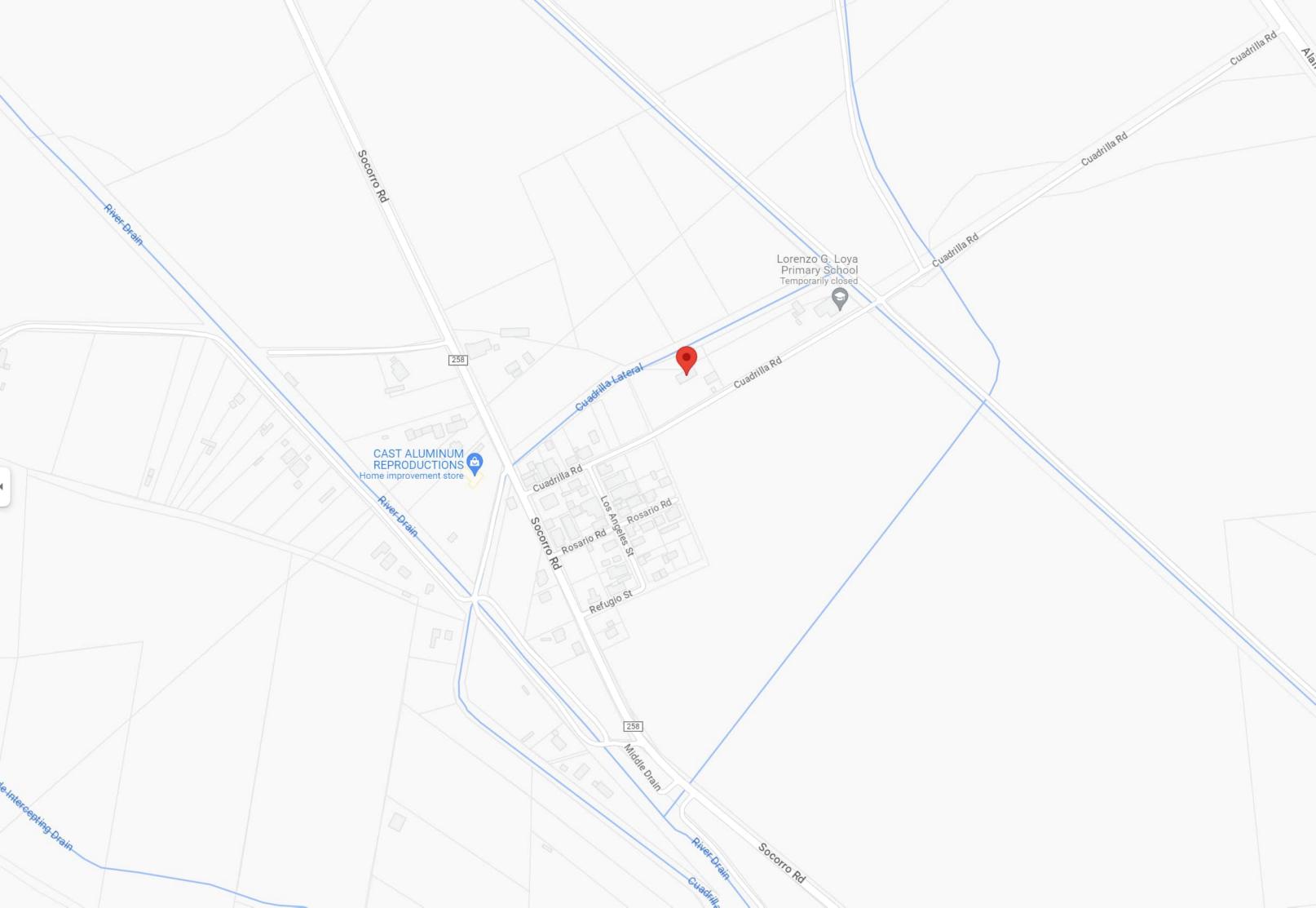
SHEET TITLE:

STANDARD DETAILS

JOB NO.			
1030-046			
SEQUENCE NO.			
CAA			
$\cup$ $\cup$ $\top$ $\bullet$			
SHEET NO.			



# **CUADRILLA ROAD MAP**

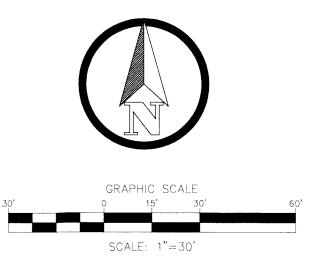


# **TOPOGRAPHIC SURVEY**

# LINE TABLE LINE BEARING LENGTH L1 N52'37'24"E 8.30' (N49°34'00"E) LEGEND O — CALCULATED POINT (NOT SET) M — MANHOLE ZZZZ - ROCK WALL — CONCRETE MONUMENT — PAVEMENT -POWER POLE → ANCHOR — P — − POWER LINE ---- U --- -- UTILITY LINE TELECOMMUNCATIONS LINE - S --- - SANITARY SEWER LINE

# TOPOGRAPHIC SURVEY

TRACT 11A1, BLOCK 5, AND A PORTION OF TRACT 2C, BLOCK 40, SAN ELIZARIO GRANT, **EL PASO COUNTY , TEXAS,** AREA 1.60 ACRES ±



### GENERAL NOTES

- LOCATION OF ALL UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL UTILITY COMPANIES FOR THE EXACT LOCATION OF UNDERGROUND AND OVERHEAD UTILITIES INCLUDING UTILITIES NOT SHOWN ON PLANS. THE CONTRACTOR SHALL PROTECT ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES AND ANY UTILITIES NOT SHOWN THIS PLAN DURING CONSTRUCTION. THE CONTRACTOR WILL PERFORM ALL UTILITY INSTALLATION. REMOVAL AND RELOCATION'S AS PER LOCAL UTILITY CONSTRUCTION SPECIFICATIONS.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS, CONDITIONS, AND ELEVATIONS ON SITE AND SHALL CONTACT TH DESIGN ENGINEER AND REPORT ANY DISCREPANCIES, OMISSIONS
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE COUNTY OF EL PASO STANDARD SPECIFICATIONS AND DETAILS.

  CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITTING NECESSARY FOR EARTHWORK OPERATIONS.

- NECESSARY FOR EARTHWORK OPERATIONS.

  CONTRACTOR SHALL COORDINATE RELOCATION OF ALL EXISTING UTILITIES AND MANHOLE WITH RESPECTIVE UTILITY COMPANIES.

  CONTRACTOR SHALL PERFORM ALL EARTHWORK REQUIREMENTS AS PER GEOTECHNICAL STUDY REPORT.

  A CALL WAS PLACED TO TEXAS DIG SAFE NUMBER (811) TO ACQUIRE LINE—SPOTS. CONFIRMATION NUMBER IS 1866686082.

- BEARINGS SHOWN ARE GRID BEARINGS DERIVED FROM RTK OBSERVATIONS TO THE TEXAS CO-OP NETWORK. REFERRED TO THE TEXAS COORDINATE SYSTEM (NAD 83) CENTRAL ZONE. DISTANCES ARE GROUND DISTANCES AND CAN BE CONVERTED TO GRID BY DIVIDING BY 1.000231.
- THESE NAVD 88 ELEVATIONS WERE DERIVED FROM APPLICATION OF THE GEOID 2012A MODEL TO RTK CO-OP ELLIPSOID HEIGHTS (ACCURACY  $\pm$  0.16') THIS PROPERTY MAY BE SUBJECT TO EASEMENTS WHETHER OF RECORD OR NOT, (ONLY EASEMENT LISTED ON THE TITLE COMMITMENT SHOWN). NO ADDITIONAL RESEARCH WAS PERFORMED BY B&A INC. FOR ANY RESERVATION, BUILDING LINE, AND OR EASEMENTS WHICH MAY OR MAY NOT AFFECT SUBJECT PARCEL.
- THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES ARE IN THE EXACT LOCATION INDICATED. THEY ARE LOCATED AS ACCURATE AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. SUBJECT PROPERTY SHOWN HEREON APPEARS TO BE LOCATED IN ZONE "X",
- PER F.I.R.M. PANEL NUMBER 480212 300B, LAST REVISION DATE 09-04-91.
  THIS SURVEYOR MAKES NO GUARANTEES AS TO THE ACCURACY OF THE ABOVE INFORMATION. THE LOCAL F.E.M.A. AGENT SHOULD BE CONTACTED FOR

### THIS SURVEY WAS DONE WITHOUT THE BENEFIT OF A TITLE COMMITMENT.

### BENCHMARK

U 1392 (CE0378) N.G.S. METAL ROD AT JUNCTION OF PAVED ROAD LEADING SOUTHWEST TO CUADRILLA, SOUTHWEST OF CENTERLINE OF THE HIGHWAY 80. BY RTK OBSERVATION.

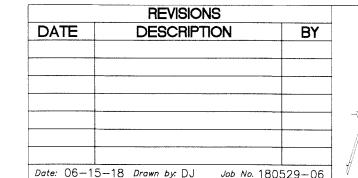
ELEVATION: 3621.03 (NAVD 88)

### DUST AND EROSION CONTROL NOTE

CONTRACTOR SHALL MAKE PROVISIONS FOR TEMPORARY DUST AND EROSION CONTROL WHERE EXTENSIVE DIRT OR DUST OPERATIONS ARE PERFORMED. USE WATER SPRINKLING AND OTHER METHODS TO LIMIT DUST AND DIRT MIGRATION. COMPLY WITH GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.

### BEFORE YOU DIG

EL PASO ELECTRIC COMPANY 1-800-592-1634 1-877-213-1053 (915) 544-6300 SOUTHERN UNION GAS COMPANY EMERGENCY HOT LINE 562-8411/562-2003 PUBLIC SERVICE BOARD (WATER&SEWER) (915) 594-5500 1-800-222-5355 TIME WARNER CABLE EL PASO NATURAL GAS COMPANY 1-800-334-8047 TEXAS EXCAVATION SAFETY SYSTEM 811



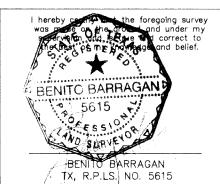


# Barragan & Associates Inc.

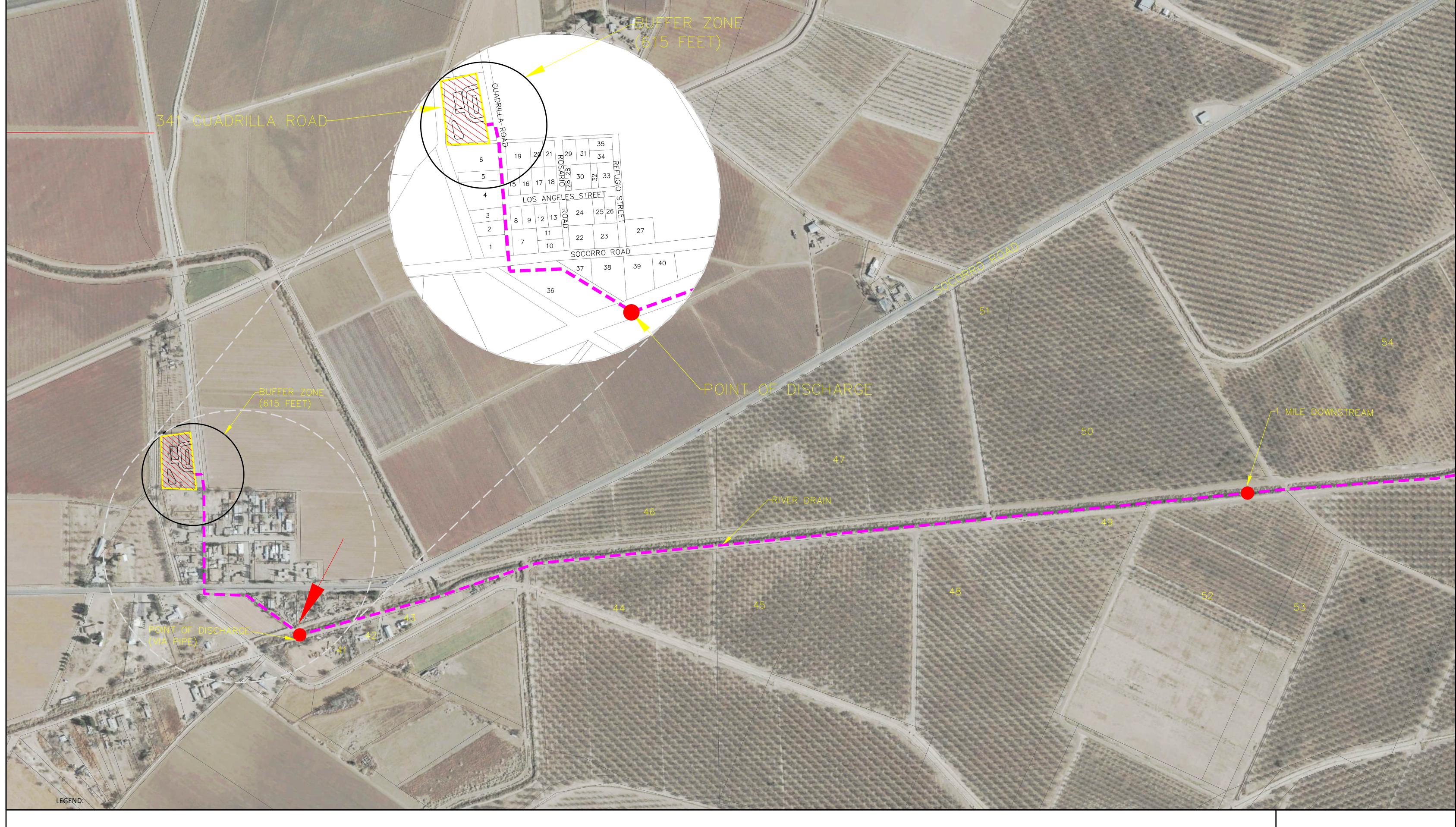
LAND PLANNING & LAND SURVEYING TBPLS FIRM # 10151200 10950 Pellicano Dr. Bldg. F - El Paso TX 79935 Phone (915) 591-5709 Fax (915) 591-5706 COPYRIGHT (6) 2017 BARRAGAN & ASSOCIATES INC. ALL RIGHTS RESERVED NO PART OF THIS DRAWNS MAY BE REPROVED ON BETTANSMITTED IN ANY MAY OF FORM INTERPROVED THE PART SET OF BARRAGAN CALL PHOTOCOPYING OR OTHERWISE) WITHOUT THE EXPRESS WATER PERMISSION OF BARRAGAN & ASSOCIATES

PROJECT NAME

CUADRILLA DECENTRALIZED WWWTP

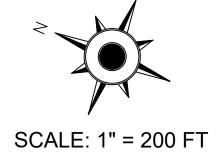


# EFFLUENT LINE DISCHARGE ROUTE



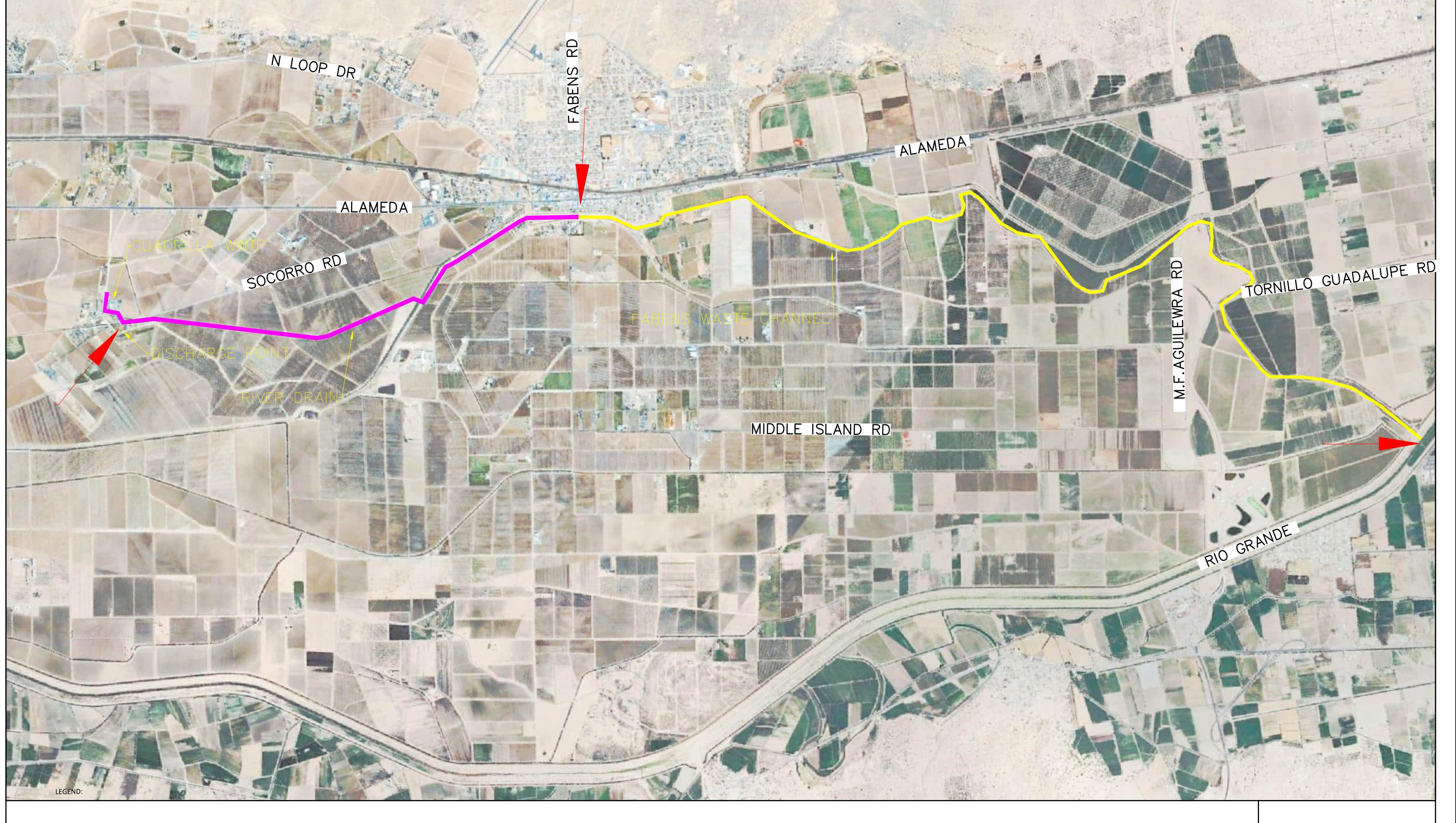
WWTP EFFLUENT LINE

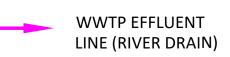
EXISTING WWTP



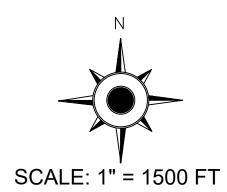
CUADRILLA DISCHARGE POINT - 1 MILES DOWNSTREAM







WWTP EFFLUENT LINE (FABENS WASTE CHANNEL)



CUADRILLA WWTP -DISCHARGE ROUTE



# LANDOWNERS LIST

Owner Name	El Paso CAD Geo#	Street No.	Street Name	Legal Description	Mailing Address	SOURCE
JOSE R. OLIVAS	S075000005011A7	291	CUADRILLA	5 SAN ELIZARIO TR 11-A-2 (1.6012 AC)	291 CUADRILLA RD, CLINT, TX 79836-8900	https://qis.elpasotexas.gov/pdnmapajs/
300E N. 0EIVIO	C705000000102A0	15260	SOCORRO			https://qis.elpasotexas.gov/pdnmapajs/
ROBERT KIMPEL				I COBOS QUADRILLA E 49 FT OF 2 TO 4 (8820 SQ FT)	15260 SOCORRO RD, CLINT, TX 79836-5920	https://epcad.org/Search
EMMA C & ROBERTO ORTIZ & 1	C705000000102B0	351	CUADRILLA CUT OFF	I COBOS CUADRILLA W 71 FT OF 2 TO 4 & LOT 6 BLK J (10486 SQ FT)	308 TORREON ST, CLINT, TX 79836-5900	https://gis.elpasotexas.gov/pdnmapajs/
ROBERT KIMPEL	C705000000J0300	15260	SOCORRO	J COBOS QUADRILLA PT OF 3 TO 5	15260 SOCORRO RD, CLINT, TX 79836-5920	https://gis.elpasotexas.gov/pdnmapajs/
JOEL & BERTA SOSA	C705000000J0100	305	TORREON	J COBOS QUADRILLA PT OF 1 TO 5 (0.1943 AC)	305 TORREON ST, CLINT, TX 79836-5900	https://qis.elpasotexas.gov/pdnmapajs/
FERNANDO & MARINA ROSALES	C705000000J01A0	15199	SOCORRO	J COBOS QUADRILLA PT OF 1 & 2	15199 SOCORRO RD, CLINT, TX 79836-5907	https://gis.elpasotexas.gov/pdnmapajs/
MARBELLA G. MANCHA	S45700000100200	15153	SOCORRO	BLK 1 SINGH ESTATES LOT 2	15153 SOCORRO RD, CLINT, TX 79836-5907	https://gis.elpasotexas.gov/pdnmapajs/
RODRIGO ESPINOZA	S45700000100100	15151	SOCORRO	BLK 1 SINGH ESTATES LOT 1	15151 SOCORRO RD, CLINT, TX 79836-5907	https://gis.elpasotexas.gov/pdnmapajs/
ISRAEL & FLORES BARBARA ANN CERA	S07500004000865	15140	SOCORRO	40 SAN ELIZARIO TR 8-F-1-A (1.00 AC)	15140 SOCORRO RD, CLINT, TX 79836-9836	https://gis.elpasotexas.gov/pdnmapajs/
	S07500004000860					
MIRIAM I. & CYNTHIA R CARREON & 2		15146	SOCORRO	40 SAN ELIZARIO TR 8-F-1 (3.552 AC)	7311 CUBA DR, EL PASO, TX 79915-1439	https://gis.elpasotexas.gov/pdnmapajs/
RUBEN & MARIA D. ALVAREZ	M08700000100100	15148	SOCORRO	BLK 1 MARIA REYES SUBDIVISION LOT 1	15148 SOCORRO RD, CLINT, TX 79836-5907	https://qis.elpasotexas.gov/pdnmapajs/
RUBEN & MARIA D. ALVAREZ	M08700000100200	15152	SOCORRO	BLK 1 MARIA REYES SUBDIVISION LOT 2	15152 SOCORRO RD, CLINT, TX 79836-5907	https://gis.elpasotexas.gov/pdnmapajs/
RUBEN & MARIA D. ALVAREZ	C/W M08700000100200 S07500004000831	15152	SOCORRO	BLK 1 MARIA REYES SUBDIVISION LOT 2 40 SAN ELIZARIO TR 8-F-2 (2.2758 AC)	15148 SOCORRO RD, CLINT, TX 79836-5907 PO BOX 1060. SAN ELIZARIO. TX 79849-1060	https://gis.elpasotexas.gov/pdnmapajs/
OLGA PORRAS	S07500004000831 S07500004000700	15154	SOCORRO	40 SAN ELIZARIO TR 6-F-2 (2.2736 AC)	769 ELIGIO DR, SOCORRO, TX 79927-5040	https://gis.elpasotexas.gov/pdnmapajs/
ISMAEL MARQUEZ	30/300004000/00	15200	SOCORRO	40 SAN ELIZARIO TR 7 (COM'L SITE) (0.25 AC)	707 ELIGIO DR, 30CORRO, 1X 77727-3040	https://gis.elpasotexas.gov/pdnmapajs/
MARIA DEL S & CARLOS A. BRETADO	S075000040013B1	15250	SOCORRO	40 SAN ELIZARIO TR 13-B-1 (0.179 AC)	15250 SOCORRO RD, CLINT, TX 79836-5920	https://gis.elpasotexas.gov/pdnmapais/
ROBERT & DOLORES KIMPEL	S075000040013B0	15260	CUADRILLA	40 SAN ELIZARIO TR 13-B (0.594 AC)	15260 SOCORRO RD, CLINT, TX 79836-5920	https://qis.elpasotexas.gov/pdnmapajs/
ROBERT & DOLORES KIMPEL	S075000040013C1	15270	CUADRILLA	40 SAN ELIZARIO TR 13-C (0.663 AC)	15260 SOCORRO RD, CLINT, TX 79836-5920	https://gis.elpasotexas.gov/pdnmapais/
ROBERT L. KIMPEL	S075000040013D0	15280	CUADRILLA	40 SAN ELIZARIO TR 13-D (0.449 AC) & TR 13-E (0.449 AC) (0.898 AC)	15260 SOCORRO RD, CLINT, TX 79836-5920	https://qis.elpasotexas.qov/pdnmapajs/
	C70500000010100					https://gis.elpasotexas.gov/pdnmapajs/
DEBBA BASHIR		11815	LEGEND MANOR	I COBOS QUADRILLA 1 & 5 TO 8	11815 LEGEND MANOR DR, HOUSTON, TX 77082-3079	https://epcad.org/Search
	C705000000K0100					https://gis.elpasotexas.gov/pdnmapajs/
JESUS M. & ROSA I. MADRID		15201	SOCORRO	K CUADRILLA 1 & 2 (14400.00 SQ FT)	15201 SOCORRO RD, FABENS, TX 79836	https://epcad.org/Search
MARIA G. PEREZ	C705000000K0400	15200	LOS ANGELES	K CUADRILLA LOT 4 (7200.00 SQ FT)	15200 LOS ANGELES, CLINT TX 79836-5919	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
MARIA G. PEREZ	C705000000K0200	13200	LOS ANGELES	K COADRIELA EOT 4 (7200.00 3Q FT)	13200 EO3 ANGELES, GEINT 1X 77030-3717	https://gis.elpasotexas.gov/pdnmapajs/
JOSE JR CERA	070300000010200	992	FABENS	K COBOS CUADRILLA LOT 3 (7200 SQ FT)	PO BOX 992 FABENS TX 79838-0992	https://epcad.org/Search
	C705000000K0300			, , , , , , , , , , , , , , , , , , , ,		https://gis.elpasotexas.gov/pdnmapajs/
FABIAN OLIVARES		15251	SOCORRO	K COBOS QUADRILLA SWLY 67.20FT OF 5 & 6 (8064 SQ FT)	15251 SOCORRO RD, CLINT TX 79836-5920	https://epcad.org/Search
	C705000000K0500				DO DOV 4000 FADENC TV 70000 4000	https://gis.elpasotexas.gov/pdnmapajs/
PEDRO JR GONZALES	C70E0000001/0000	380	ROSARIO	K COBOS QUADRILLA NELY 52.8 FT OF 5 & 6 6240 SQ FT	PO BOX 1920 FABENS TX 79838-1920	https://epcad.org/Search
JOSE JR CERA	C705000000K0800	15204	LOS ANGELES	K COBOS QUADRILLA NW 30 FT OF 8	PO BOX 992 FABENS TX 79838-0992	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
JOSE SIC CEIGG	C705000000K07A0	13204	LOSTINGLELS			https://gis.elpasotexas.gov/pdnmapajs/
RAUL G. & ROSA CERA		15226	LOS ANGELES	K COBOS QUADRILLA SW 30 FT OF 7 & NE 30 FT OF 8 (7200 SQ FT)	15208 LOS ANGELES ST CLINT TX 79836-5919	https://epcad.org/Search
	C705000000K07B0			K COBOS QUADRILLA SE 30 FT OF 7		https://gis.elpasotexas.gov/pdnmapajs/
MARIO & MARIA D. CASTILLO		15212	LOS ANGELES	K COBOS QUADRILLA SE 30 FT OF 7	15212 LOS ANGELES ST CLINT TX 79836-5919	https://epcad.org/Search
FELIXIM CORPAI	C705000000H01A0	15201	LOC ANCELES	H COBOS QUADRILLA 1 EXC E 3 FT (6840 SQ FT)	15201 LOS ANGELES ST CLINT TX 79836-5919	https://gis.elpasotexas.gov/pdnmapajs/
FELIX M. CORRAL	C705000000H0100	15201	LOS ANGELES		15201 LOS ANGELES ST CLINT TX 79836-5919	https://epcad.org/Search https://gis.elpasotexas.gov/pdnmapajs/
ROSARIO & DOMINGA ESCOBAR	C705000000H0100	15205	LOS ANGELES	H COBOS QUADRILLA E 3 FT OF 1 ALL OF 2 EXC E 3 FT (7200.00 SQ FT)	15205 LOS ANGELES ST CLINT TX 79836-5919	https://epcad.org/Search
	C705000000G0100					https://gis.elpasotexas.gov/pdnmapajs/
YOLANDA VASQUEZ		15521	LOS ANGELES	G COBOS QUADRILLA NWLY COR OF 1 (30 FT X 60 FT) (1800 SQ FT)	15221 LOS ANGELES ST CLINT TX 79836-5919	https://epcad.org/Search
	C705000000H0400			H COBOS QUADRILLA LOT 4 (7200 SQ FT)		https://gis.elpasotexas.gov/pdnmapajs/
CARLOS M. BUENO & MELISSA E. ESCOBAR		15215	LOS ANGELES	11 00 00 0 0 1 0 1 1 (1200 0 0 1 1)	15215 LOS ANGELES ST FABENS TX 79838-9838	https://epcad.org/Search
RUDY LOPEZ	C705000000H0700	7717	E GARNET LN	H COBOS QUADRILLA 7 & 8	7717 E GARNET LN SPOKANE WA 99212-3527	https://gis.elpasotexas.gov/pdnmapajs/
RODY LOPEZ	C705000000H0500	7717	E GARNET LIN		7/17 E GARNET EN SPORANE WA 77212-3327	https://epcad.org/Search https://gis.elpasotexas.gov/pdnmapajs/
ANA M. & ORTAN (EST) OCHOA	C703000000110300	357	ROSARIO	H COBOS QUADRILLA S 1/2 OF 5 & 6 (7200 SQ FT)	357 ROSARIO CLINT TX 79836-5917	https://epcad.org/Search
THE THE CONTROL (CO.) CONTROL	C705000000H05A0	007	noonno			https://gis.elpasotexas.gov/pdnmapajs/
JUANA V. (LE) HERNANDEZ & RUBEN VILLAGR		359	ROSARIO	H COBOS QUADRILLA N 1/2 OF 5 & 6 (HOMESITE) (4800 SQ FT)	359 ROSARIO ST CLINT TX 79836-5917	https://epcad.org/Search
	C70500000000300			O COBOS QUADRILLA 1 & 2 (14400.00 SQ FT)		https://gis.elpasotexas.gov/pdnmapajs/
CATHOLIC DIOCESE OF EL PASO		499	SAINT MATTHEWS	0 00003 Q0/IDINEDITIA 2 (14400.00 3Q1 1)	499 SAINT MATTHEWS ST EL PASO TX 79907-4214	https://epcad.org/Search
CATHOLIC DIOCECE OF EL DACO	C70500000000400	499	CAINT MATTUEWE	O COBOS QUADRILLA 3 & 4 (14400.00 SQ FT)	499 SAINT MATTHEWS ST EL PASO TX 79907-4214	https://gis.elpasotexas.gov/pdnmapajs/
CATHOLIC DIOCESE OF EL PASO	C70500000000700	499	SAINT MATTHEWS		499 SAIIVI WATTHEWS STELPASO TX 19901-4214	https://epcad.org/Search https://gis.elpasotexas.gov/pdnmapajs/
JOSEFA RIVERA & 2	C70300000000100	15220	LOS ANGELES	O COBOS QUADRILLA 7 & 8 (14400 SQ FT)	15220 LOS ANGELES DR CLINT TX 79836-5919	https://epcad.org/Search
	C70500000000500			O CODOS CHADDILLA LOT E (HOMEOTE) (COO CO CO CO)		https://gis.elpasotexas.gov/pdnmapajs/
REYNOLFO PEREZ & BEATRIZ		934	FABENS	O COBOS QUADRILLA LOT 5 (HOMESITE) (3600.00 SQ FT)	PO BOX 934 FABENS TX 79838-0934	https://epcad.org/Search
	C705000000A0100			A COBOS QUADRILLA LOT 1 (7254 SQ FT)		https://gis.elpasotexas.gov/pdnmapajs/
SOCORRO & EMILIA GARDEA	070500055 * * * * * * *	400	FABENS	7. 33333 QS.13.NEBTEOT 1 (1207 3Q1 1)	PO BOX 400 FABENS TX 79838-0400	https://epcad.org/Search
SOCOPPO & EMILIA CAPDEA	C705000000A0200	15252	CUADRILLA	A COBOS QUADRILLA LOT 2 (7316 SQ FT)	PO BOX 400 FABENS TX 79838-0400	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
SOCORRO & EMILIA GARDEA		15253	CUADRILLA	· · · · · · · · · · · · · · · · · · ·	1 O DON 400 I NDENO IN 77030-0400	парэлгериацију осани

C705000000G0800					https://qis.elpasotexas.gov/pdnmapajs/
	358	ROSARIO	COBOS QUADRILLA LOT 8 (7200 SQ FT)	PO BOX 2952 FABENS TX 79838-2952	https://epcad.org/Search
C705000000G0200	15229	LOS ANGELES	G COBOS QUADRILLA 2 & SLY 30 FT OF 1 (10800 SQ FT)	15229 LOS ANGELES ST CLINT TX 79836-5919	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
C705000000G0700	15229	LOS ANGELES	COBOS CUADRILLA REAPPRAISAL	15229 LOS ANGELES ST CLINT TX 79836-5919	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
C705000000G03A0	15229	LOS ANGELES	G COBOS QUADRILLA NLY 40 FT OF 3 (4800 SQ FT)	15229 LOS ANGELES ST. CLINT TX 79836-5919	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
C705000000G0300			G COBOS QUADRILLA 4 & SLY 20 FT OF 3 (9600 SQ FT)		https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
C705000000G0500			G COBOS QUADRILLA WLY 1/2 OF 5 & 6 (7200 SQ FT)		https://gis.elpasotexas.gov/pdnmapajs/
C705000000G05A0	355	REFUGIO	,	15260 SOCORRO RD CLINT 1X 79830-5920	https://epcad.org/Search https://gis.elpasotexas.gov/pdnmapajs/
	359	REFUGIO	G COBOS QUADRILLA ELY 1/2 OF 5 & 6 (7200 SQ FT)	15260 SOCORRO RD CLINT TX 79836-5920	https://epcad.org/Search
S075000040013F0	15290	SOCORRO	40 SAN ELIZARIO TR 13-F (0.414 AC)	15290 SOCORRO RD CLINT TX 79836-5920	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S075000040013M1	15294	SOCORRO	40 SAN ELIZARIO TR 13-M (0.9997 AC)	15294 SOCORRO RD CLINT TX 79836-5920	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S075000041002A8	500	W OVERLAND AVE	41 SAN ELIZARIO TR 2-B-1 (5.7206 AC)	500 W OVERLAND AVE EL PASO TX 79901-1085	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S075000041002A1			41 SAN ELIZARIO TR 2-A-1 (7.5887 AC)		https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S075000041002A9			41 SAN FLI7ARIO TR 2-R-2 (11 9676 AC)		https://gis.elpasotexas.gov/pdnmapajs/
C0E000011E0/100	500	W OVERLAND AVE	41 5/14 EBE/INO TREBE (11.76/10/10)	500 W OVERLAND AVE EL PASO TX 79901-1085	https://epcad.org/Search
	506	S STANTON	115 CAMPBELL LOT 14 (3120 SQ FT)	7415 W US HIGHWAY 24 CASCADE CO 80809	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S07500004100400	500	W OVERLAND AVE	41 SAN ELIZARIO TR 4 (55.95 AC)	500 W OVERLAND AVE EL PASO TX 79901-1085	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S07500004100500	500	W OVERLAND AVE	41 SAN ELIZARIO TR 5 (1.63 AC)	500 W OVERLAND AVE EL PASO TX 79901-1085	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S075000041001B0	500		41 SAN ELIZARIO TR 1-B (45.12 AC)	500 W OVERLAND AVE EL PASO TX 79901-1085	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S075000041001A0			41 SAN ELIZARIO TR 1-A (2.78 AC)		https://gis.elpasotexas.gov/pdnmapajs/
S075000041006B0	500		41 SAN ELIZADIO TO 4 D (24 242 AC)		https://epcad.org/Search https://gis.elpasotexas.gov/pdnmapajs/
\$07E000041004.00	500	W OVERLAND AVE	41 SAIN ELIZARIO TR 0-B (30.202 AC)	500 W OVERLAND AVE EL PASO TX 79901-1085	https://epcad.org/Search https://gis.elpasotexas.gov/pdnmapajs/
	500	W OVERLAND AVE	41 SAN ELIZARIO TR 6-B-1 (6.248 AC)	500 W OVERLAND AVE EL PASO TX 79901-1085	https://epcad.org/Search
S075000042001C0	500	W OVERLAND AVE	42 SAN ELIZARIO TR 1-B-1 (12.04 AC) TR 2-A (244.13 AC) (256.17 AC)	500 W OVERLAND AVE EL PASO TX 79901-1085	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S075000042001A0	15920	CUADRILLA	42 SAN ELIZARIO TR 1-A (52.7500 AC)	500 W OVERLAND AVE STE 300 EL PASO TX 79901-1086	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S07500000201300			2 SAN ELIZARIO TR 13 (24.347 AC)	PO BOX 2010 FABENS TX 79838-2010	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S075000042006A3			42 SAN ELIZARIO TR 4-A-4 (12.2200 AC)		https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S075000001012C0	030	ARTESIA	1 SAN ELIZADIO TD 12 C (1257 AC)		https://gis.elpasotexas.gov/pdnmapajs/
\$07500000101244	1517	E MISSOURI	I SAN ELIZARIO TR 12-0 (12:37 AU)	1517 E MISSOURI AVE EL PASO TX 79902-5615	https://epcad.org/Search https://gis.elpasotexas.gov/pdnmapajs/
5075000001012A4	1517	E MISSOURI	1 SAN ELIZARIO TR 12-A-1 (17.3730 AC) TR 12-E-2 (0.013 AC) (17.3860 AC)	1517 E MISSOURI AVE EL PASO TX 79902-5615	https://epcad.org/Search
	C70500000G03A0 C70500000G03A0 C70500000G0300 C70500000G0500 C7050000040013F0 S075000040013M1 S075000041002A1 S075000041002A1 S075000041002A9 C05099911506100 S07500004100400 S075000041001B0 S075000041001B0 S075000041006B0 S075000041006C0 S075000042001C0 S075000042001A0 S0750000042001A0 S0750000042001A0 S0750000042001A0	358	358   ROSARIO	Total	C0050000000000000000000000000000000000

CHASE FARMS LLC

PO BOX 658

ARTESIA, NM 88211-0658

RYAN J. HARDING

15294 SOCORRO RD

CLINT, TX 79836-5920

FFR ENTERPRISES INC

500 W OVERLAND AVE EL PASO, TX 79901-1085

STUBBORN FLOWER LLC & ANIDIS **HOMES INC & 1** 

7415 W US HIGHWAY 24 CASCADE, CO 80809

**GRIJALVA CHILDREN TRUST** 

PO BOX 2010

FABENS, TX 79838-2010

**JOHN MUNOZ** 

1517 E MISSOURI AVE EL PASO, TX 79902-5615

EMMA C & ROBERTO ORTIZ & 1

308 TORREON ST CLINT, TX 79836-5900 **ROBERT KIMPEL** 

15260 SOCORRO RD CLINT, TX 79836-5920 **JOEL & BERTA SOSA** 

305 TORREON ST CLINT, TX 79836-5900

FERNANDO & MARINA ROSALES

15199 SOCORRO RD CLINT, TX 79836-5907 ISMAEL MARQUEZ

769 ELIGIO DR SOCORRO, TX 79927-5040 MARIA DEL S & CARLOS A. BRETADO

15250 SOCORRO RD CLINT, TX 79836-5920

**DEBBA BASHIR** 

11815 LEGEND MANOR DR HOUSTON, TX 77082-3079

**IESUS M. & ROSA I. MADRID** 

15201 SOCORRO RD **FABENS, TX 79836** 

MARIA G. PEREZ

15200 LOS ANGELES CLINT, TX 79836-5919

**JOSE JR CERA** 

PO BOX 992 FABENS, TX 79838-0992 **FABIAN OLIVARES** 

15251 SOCORRO RD CLINT, TX 79836-5920 PEDRO IR GONZALES

PO BOX 1920

FABENS, TX 79838-1920

**RAUL G. & ROSA CERA** 

15208 LOS ANGELES ST CLINT, TX 79836-5919

MARIO & MARIA D. CASTILLO

15212 LOS ANGELES ST CLINT, TX 79836-5919

FELIX M. CORRAL

15201 LOS ANGELES ST CLINT, TX 79836-5919

ROSARIO & DOMINGA ESCOBAR

15205 LOS ANGELES ST CLINT, TX 79836-5919

YOLANDA VASOUEZ

15221 LOS ANGELES ST CLINT, TX 79836-5919

CARLOS M. BUENO & MELISSA E.

**ESCOBAR** 

15215 LOS ANGELES ST FABENS, TX 79838-9838

**RUDY LOPEZ** 

7717 E GARNET LN SPOKANE, WA 99212-3527 ANA M. & ORTAN (EST) OCHOA

357 ROSARIO

CLINT, TX 79836-5917

**JUANA V. (LE) HERNANDEZ & RUBEN** 

**VILLAGRAN** 

359 ROSARIO ST CLINT, TX 79836-5917

**CATHOLIC DIOCESE OF EL PASO** 

499 SAINT MATTHEWS ST EL PASO, TX 79907-4214

**JOSEFA RIVERA & 2** 

15220 LOS ANGELES DR CLINT, TX 79836-5919

REYNOLFO PEREZ & BEATRIZ

PO BOX 934

FABENS, TX 79838-0934

#### **SOCORRO & EMILIA GARDEA**

PO BOX 400 FABENS, TX 79838-0400

### JUAN A. SEPULVEDA

371 CARMEN GINGER RD CLINT, TX 79836-6743

### MARBELLA G. MANCHA

15153 SOCORRO RD CLINT, TX 79836-5907

### MIRIAM I. & CYNTHIA R CARREON & 2

7311 CUBA DR EL PASO, TX 79915-1439

### **RUBEN & MARIA D. ALVAREZ**

15148 SOCORRO RD CLINT, TX 79836-5907

#### MOSES ESCOBAR

PO BOX 2952 FABENS, TX 79838-2952

### **DE ANDA RICHARD SR & ALICE**

15290 SOCORRO RD CLINT, TX 79836-5920

### **RODRIGO ESPINOZA**

15151 SOCORRO RD CLINT, TX 79836-5907

### **RUBEN & MARIA D. ALVAREZ**

15148 SOCORRO RD CLINT, TX 79836-5907

### **OLGA PORRAS**

PO BOX 1060 SAN ELIZARIO, TX 79849-1060

### **SIMON MISQUEZ**

15229 LOS ANGELES ST CLINT, TX 79836-5919

#### **JOSE R. OLIVAS**

291 CUADRILLA RD CLINT, TX 79836-8900

### **ISRAEL & FLORES BARBARA ANN CERA**

15140 SOCORRO RD CLINT, TX 79836-9836

### **RUBEN & MARIA D. ALVAREZ**

15152 SOCORRO RD CLINT, TX 79836-5907

# USGS - CUADRILLA SITE



# **FEMA**

### FEMA Map Service Center Flood Map

### Enter an address, place, or coordinates: 0

341 cuadrilla road, clint, texas 79836

Search



Whether you are in a high risk zone or not, you may need food insurance because most homeowners insurance doesn't cover flood damage. If you live in an area with low or moderate flood risk, you are 5 times more likely to experience flood than a fire in your home over the next 30 years. For many, a National Flood insurance Program's flood insurance policy could cost less than \$400 per year. Call your insurance agent today and protect what you've built.

Learn more about seen you can take to reduce flood risk damage.

## Search Results—Products for EL PASO COUNTY UNINCORPORATED AREAS

Show ALL Products =

The flood map for the selected area is number 4802120300B, effective on 9/4/1991

MAP IMAGE

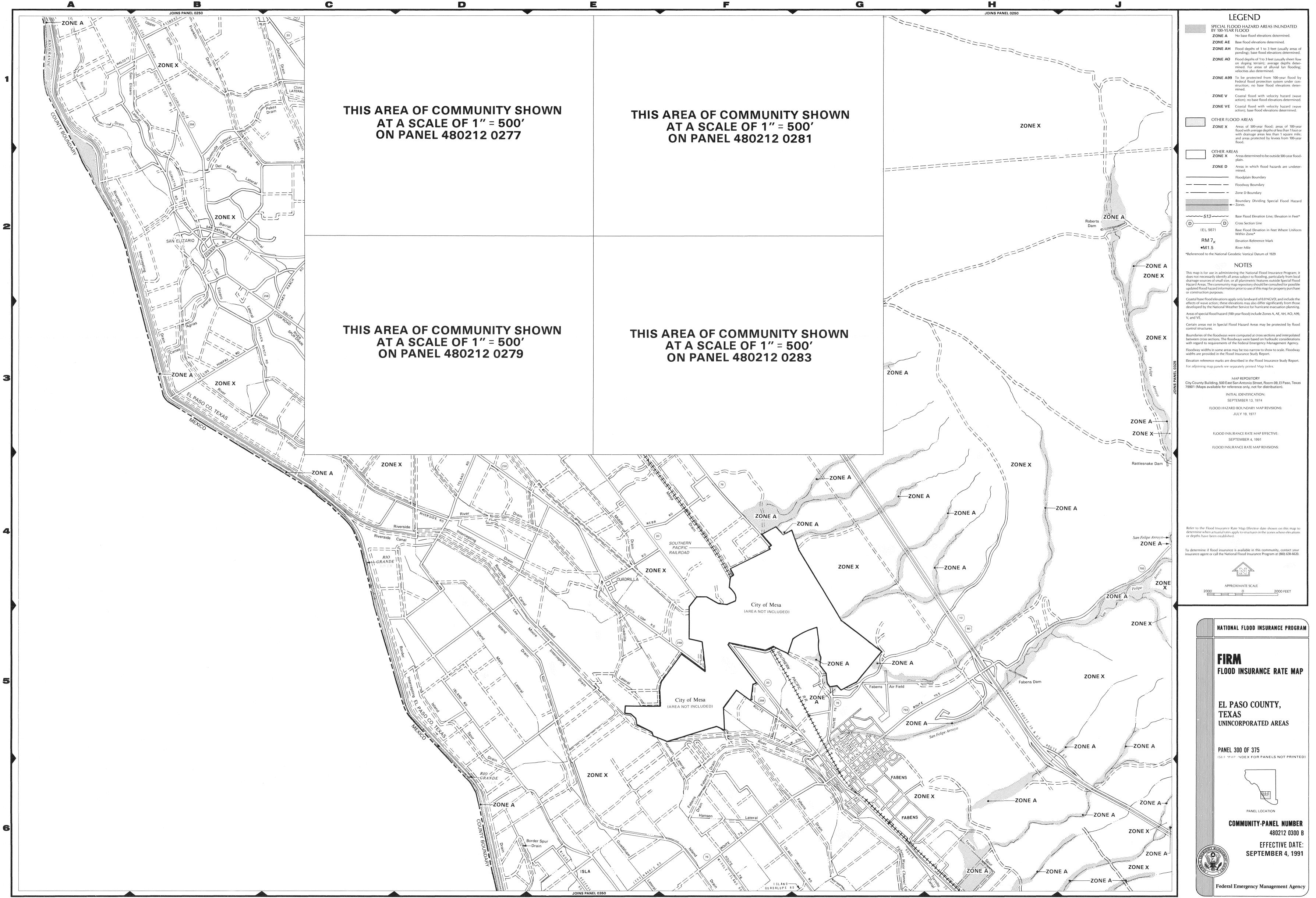
Changes to this FIRM @ Revisions (0)

Amendments (0)

Revalidations (0)

You can chaose a new flood map or move the location pin by selecting a different location on the locator map below or by entering a new location in the search field above. It may take a minute or more during peak hours to generate a dynamic FIRMette.





# **USDA SOIL MAP**



### MAP LEGEND

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Water Features

Transportation

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Background

Spoil Area

Stony Spot

Wet Spot

Other

Rails

**US Routes** 

Major Roads

Local Roads

Very Stony Spot

Special Line Features

Streams and Canals

Interstate Highways

Aerial Photography

#### Area of Interest (AOI)

Area of Interest (AOI)

#### Soils

Soil Map Unit Polygons



Soil Map Unit Points

#### Special Point Features

Blowout

Borrow Pit

Clay Spot

Closed Depression

Gravel Pit

Gravelly Spot

Landfill

Lava Flow

Marsh or swamp

Mine or Quarry

Miscellaneous Water

Perennial Water

Saline Spot
Sandy Spot

Severely Eroded Spot

Sinkhole

Slide or Slip

Sodic Spot

### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:31.700.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: El Paso County, Texas (Main Part) Survey Area Data: Version 22, Sep 5, 2023

Soil map units are labeled (as space allows) for map scales 1:50.000 or larger.

Date(s) aerial images were photographed: Nov 15, 2020—Nov 17, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

### **Map Unit Legend**

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI			
Gc	Gila Ioam	0.6	9.9%			
Hk	Harkey silty clay loam	1.4	24.5%			
Tg	Tigua silty clay	3.8	65.6%			
Totals for Area of Interest		5.8	100.0%			

	Prefix: <u>N/A</u>	Last Name, First Name:
	Title: Click to enter text.	Credential: Click to enter text.
	Organization Name: <u>El Paso Coun</u>	ty Water Improvement District #1
	Mailing Address: 13247 Alameda A	ve. City, State, Zip Code: Clint, TX 79836
	Phone No.: <u>915-872-4000</u>	E-mail Address: jornelas@epcwid1.org
	If the landowner is not the same agreement or deed recorded ease	person as the facility owner or co-applicant, attach a lease ement. See instructions.
	Attachment: <u>N/A</u>	
F.	Owner sewage sludge disposal si property owned or controlled by	te (if authorization is requested for sludge disposal on the applicant)::
	Prefix: Click to enter text.	Last Name, First Name: Click to enter text.
	Title: Click to enter text.	Credential: Click to enter text.
	Organization Name: Click to ente	er text.
	Mailing Address: Click to enter to	ext. City, State, Zip Code: Click to enter text.
	Phone No.: Click to enter text.	E-mail Address: Click to enter text.
	If the landowner is not the same agreement or deed recorded ease	person as the facility owner or co-applicant, attach a lease ement. See instructions.
	Attachment: Click to enter te	xt.
Se		ge Information (Instructions Page 31)
	ection 10. TPDES Discharg	ge Information (Instructions Page 31) ity location in the existing permit accurate?
	ection 10. TPDES Discharg	
	Is the wastewater treatment facil  Yes  No  If no, or a new permit application	
	Is the wastewater treatment facil  Yes  No	ity location in the existing permit accurate?
	Is the wastewater treatment facil  Yes  No  If no, or a new permit application	ity location in the existing permit accurate?
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A.	Is the wastewater treatment facil  Yes No  If no, or a new permit application N/A	ity location in the existing permit accurate?  on, please give an accurate description:
A.	Is the wastewater treatment facil  Yes No  If no, or a new permit application N/A  Are the point(s) of discharge and Yes No  If no, or a new or amendment point of discharge and the discharge a	ity location in the existing permit accurate?  on, please give an accurate description:
A.	Is the wastewater treatment facil	ity location in the existing permit accurate?  on, please give an accurate description:  the discharge route(s) in the existing permit correct?  ermit application, provide an accurate description of the
A.	Is the wastewater treatment facil	ity location in the existing permit accurate?  on, please give an accurate description:  the discharge route(s) in the existing permit correct?  ermit application, provide an accurate description of the arge route to the nearest classified segment as defined in 30 at the Cuadrilla WWTP, heading west along Cuadrilla Road. It then turns south on Socorrogain into an existing easement, which leads to the River Drain where the discharge occurs. For approximately 3.65 miles along the River Drain, and then continues along the Fabens until the final discharge into segment 2307 of the Rio Grande Basin
A.	Is the wastewater treatment facil	on, please give an accurate description:  the discharge route(s) in the existing permit correct?  ermit application, provide an accurate description of the arge route to the nearest classified segment as defined in 30 of the Cuadrilla WWTP, heading west along Cuadrilla Road. It then turns south on Socorrogain into an existing easement, which leads to the River Drain where the discharge occurs. For approximately 3.65 miles along the River Drain, and then continues along the Fabens until the final discharge into segment 2307 of the Rio Grande Basin
A.	Is the wastewater treatment facil  Yes No  If no, or a new permit application N/A  Are the point(s) of discharge and No  If no, or a new or amendment point of discharge and the discharge and the discharge and the discharge and for a short distance before heading west as From there, the discharge continues southeast the Waste Channel for another 7.40 miles southeast City nearest the outfall(s): Fabens County in which the outfalls(s) is	on, please give an accurate description:  the discharge route(s) in the existing permit correct?  ermit application, provide an accurate description of the arge route to the nearest classified segment as defined in 30 sthe Cuadrilla WWTP, heading west along Cuadrilla Road. It then turns south on Socorrogain into an existing easement, which leads to the River Drain where the discharge occurs. For approximately 3.65 miles along the River Drain, and then continues along the Fabens until the final discharge into segment 2307 of the Rio Grande Basin  s. TX  s/are located: El Paso County discharge to a city, county, or state highway right-of-way, or

**E.** Owner of effluent disposal site:

# TCEQ

### TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

# PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

# Plain Language Summary Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

Applicants should use this template to develop a plain language summary as required by Title 30, Texas Administrative Code (30 TAC), Chapter 39, Subchapter H. Applicants may modify the template as necessary to accurately describe their facility as long as the summary includes the following information: (1) the function of the proposed plant or facility; (2) the expected output of the proposed plant or facility; (3) the expected pollutants that may be emitted or discharged by the proposed plant or facility; and (4) how the applicant will control those pollutants, so that the proposed plant will not have an adverse impact on human health or the environment.

Fill in the highlighted areas below to describe your facility and application in plain language. Instructions and examples are provided below. Make any other edits necessary to improve readability or grammar and to comply with the rule requirements.

If you are subject to the alternative language notice requirements in 30 TAC Section 39.426, you must provide a translated copy of the completed plain language summary in the appropriate alternative language as part of your application package. For your convenience, a Spanish template has been provided below.

## ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS Enter 'INDUSTRIAL' or 'DOMESTIC' here WASTEWATER/STORMWATER

The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 TAC Chapter 39. The information provided in this summary may change during the technical review of the application and is not a federal enforceable representation of the permit application.

The Lower Valley Water District (CN# 600630396) operates the Cuadrilla (RN #101185676), a Wastewater Treatment Plant. The facility is located at 314 Cuadrilla Rd, in Fabens, El Paso County, Texas 79836. The district is requesting a new TPDES permit for the discharge of 4,990 gpd (maximum daily flow) of treated effluent.

Discharges from the facility are expected to contain BOD, CBOD, pH, COD, TSS, Ammonia-N, Nitrate-N, Total Nitrogen, FOG, Phosphorous, Fecal Coliform, Dissolved Oxygen and Turbidity. The domestic wastewater is treated by a Bioclere treatment equipment, which includes a 10,000 gallon FRP primary/equalization tank, a flow equalization assembly, a lift station, a 20,000 gallon FRP effluent tank and a chlorine disinfection system.

PLANTILLA EN ESPAÑOL PARA SOLICITUDES NUEVAS/RENOVACIONES/ENMIENDAS DE TPDES o TLAP

### AGUAS RESIDUALES Introduzca 'INDUSTRIALES' o 'DOMÉSTICAS' aquí /AGUAS PLUVIALES

El siguiente resumen se proporciona para esta solicitud de permiso de calidad del agua pendiente que está siendo revisada por la Comisión de Calidad Ambiental de Texas según lo requerido por el Capítulo 39 del Código Administrativo de Texas 30. La información proporcionada en este resumen puede cambiar durante la revisión técnica de la solicitud y no es una representación ejecutiva fedérale de la solicitud de permiso.

Lower Valley Water District (CN# 600630396) opera la planta Cuadrilla (RN# 101185676), una planta de tratamiento de aguas residuales. La instalación está ubicada en el 314 Cuadrilla , en Fabens, Condado de El Paso, Texas 79836. El Distrito esta solicitando un nuevo permiso TPDES para la descarga de 4,990 galones por dia (flujo maximo diario) de efluente tratado.

Se espera que las descargas de la instalación contengan DBO, DBOC, pH, DQO, SST, Amoniaco-N, Nitrato-N, Nitrogeno Total, Grasas y Aceites (FOG), Fosforo, Coliformes Fecales, Oxigeni Disuelto y Turbidez. El agua domestica residual. están tratado por un equipo Bioclere, que incluye un tanque primario/de ecualización de 10,000 galones de FRP, un conjunto de ecualización de flujo, una estación de bombeo, un tanque fe efluente de FRP de 20,000 galones y un Sistema de desinfección con cloro.

### **INSTRUCTIONS**

- 1. Enter the name of applicant in this section. The applicant name should match the name associated with the customer number.
- 2. Enter the Customer Number in this section. Each Individual or Organization is issued a unique 11-digit identification number called a CN (e.g. CN123456789).
- 3. Choose "operates" in this section for existing facility applications or choose "proposes to operate" for new facility applications.
- 4. Enter the name of the facility in this section. The facility name should match the name associated with the regulated entity number.
- 5. Enter the Regulated Entity number in this section. Each site location is issued a unique 11-digit identification number called an RN (e.g. RN123456789).
- 6. Choose the appropriate article (a or an) to complete the sentence.
- 7. Enter a description of the facility in this section. For example: steam electric generating facility, nitrogenous fertilizer manufacturing facility, etc.
- 8. Choose "is" for an existing facility or "will be" for a new facility.
- 9. Enter the location of the facility in this section.
- 10. Enter the City nearest the facility in this section.
- 11. Enter the County nearest the facility in this section.
- 12. Enter the zip code for the facility address in this section.
- 13. Enter a summary of the application request in this section. For example: renewal to discharge 25,000 gallons per day of treated domestic wastewater, new application to discharge process wastewater and stormwater on an intermittent and flow-variable basis, or major amendment to reduce monitoring frequency for pH, etc. If more than one outfall is included in the application, provide applicable information for each individual outfall.
- 14. List all pollutants expected in the discharge from this facility in this section. If applicable, refer to the pollutants from any federal numeric effluent limitations that apply to your facility.
- 15. Enter the discharge types from your facility in this section (e.g., stormwater, process wastewater, once through cooling water, etc.)
- 16. Choose the appropriate verb tense to complete the sentence.
- 17. Enter a description of the wastewater treatment used at your facility. Include a description of each process, starting with initial treatment and finishing with the outfall/point of disposal. Use additional lines for individual discharge types if necessary.

Questions or comments concerning this form may be directed to the Water Quality Division's Application Review and Processing Team by email at <a href="https://www.wevenue.com/worden.com/w

### **Example**

### **Individual Industrial Wastewater Application**

The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 TAC Chapter 39. The information provided in this summary may change during the technical review of the application and are not federal enforceable representations of the permit application.

ABC Corporation (CN600000000) operates the Starr Power Station (RN10000000000), a two-unit gas-fired electric generating facility. Unit 1 has a generating capacity of 393 megawatts (MWs) and Unit 2 has a generating capacity of 528 MWs. The facility is located at 1356 Starr Street, near the City of Austin, Travis County, Texas 78753.

This application is for a renewal to discharge 870,000,000 gallons per day of once through cooling water, auxiliary cooling water, and also authorizes the following waste streams monitored inside the facility (internal outfalls) before it is mixed with the other wastewaters authorized for discharge via main Outfall 001, referred to as "previously monitored effluents" (low-volume wastewater, metal-cleaning waste, and stormwater (from diked oil storage area yards and storm drains)) via Outfall 001. Low-volume waste sources, metal-cleaning waste, and stormwater drains on a continuous and flow-variable basis via internal Outfall 101.

The discharge of once through cooling water via Outfall 001 and low-volume waste and metal-cleaning waste via Outfall 101 from this facility is subject to federal effluent limitation guidelines at 40 CFR Part 423. The pollutants expected from these discharges based on 40 CFR Part 423 are: free available chlorine, total residual chlorine, total suspended solids, oil and grease, total iron, total copper, and pH. Temperature is also expected from these discharges. Additional potential pollutants are included in the Industrial Wastewater Application Technical Report, Worksheet 2.0.

Cooling water and boiler make-up water are supplied by Lake Starr Reservoir. The City of Austin municipal water plant (CN600000000, PWS 00000) supplies the facility's potable water and serves as an alternate source of boiler make-up water. Water from the Lake Starr Reservoir is withdrawn at the intake structure and treated with sodium hypochlorite to prevent biofouling and sodium bromide as a chlorine enhancer to improve efficacy and then passed through condensers and auxiliary equipment on a once-through basis to cool equipment and condense exhaust steam.

Low-volume wastewater from blowdown of boiler Units 1 and 2 and metal-cleaning wastes receive no treatment prior to discharge via Outfall 101. Plant floor and equipment drains and stormwater runoff from diked oil storage areas, yards, and storm drains are routed through an oil and water separator prior to discharge via Outfall 101. Domestic wastewater, blowdown, and backwash water from the service water filter, clarifier, and sand filter are routed to the Starr Creek Domestic Sewage Treatment Plant, TPDES Permit No. WQ0010000001, for treatment and disposal. Metal-cleaning waste from equipment cleaning is generally disposed of off-site.

### Public Involvement Plan Form for Permit and Registration Applications

The Public Involvement Plan is intended to provide applicants and the agency with information about how public outreach will be accomplished for certain types of applications in certain geographical areas of the state. It is intended to apply to new activities; major changes at existing plants, facilities, and processes; and to activities which are likely to have significant interest from the public. This preliminary screening is designed to identify applications that will benefit from an initial assessment of the need for enhanced public outreach.

All applicable sections of this form should be completed and submitted with the permit or registration application. For instructions on how to complete this form, see TCEQ-20960-inst.

### Section 1. Preliminary Screening

New Permit or Registration Application

New Activity - modification, registration, amendment, facility, etc. (see instructions)

If neither of the above boxes are checked, completion of the form is not required and does not need to be submitted.

### Section 2. Secondary Screening

Requires public notice,

Considered to have significant public interest, and

Located within any of the following geographical locations:

- Austin
- Dallas
- Fort Worth
- Houston
- San Antonio
- West Texas
- Texas Panhandle
- Along the Texas/Mexico Border
- Other geographical locations should be decided on a case-by-case basis

If all the above boxes are not checked, a Public Involvement Plan is not necessary. Stop after Section 2 and submit the form.

Public Involvement Plan not applicable to this application. Provide **brief** explanation.

TCEQ-20960 (02-09-2023)

### Section 3. Application Information

### Type of Application (check all that apply):

Air Initial Federal Amendment Standard Permit Title V

Waste Municipal Solid Waste Industrial and Hazardous Waste Scrap Tire

Radioactive Material Licensing Underground Injection Control

Water Quality

Texas Pollutant Discharge Elimination System (TPDES)

Texas Land Application Permit (TLAP)

State Only Concentrated Animal Feeding Operation (CAFO)

Water Treatment Plant Residuals Disposal Permit

Class B Biosolids Land Application Permit

Domestic Septage Land Application Registration

Water Rights New Permit

New Appropriation of Water

New or existing reservoir

Amendment to an Existing Water Right

Add a New Appropriation of Water

Add a New or Existing Reservoir

Major Amendment that could affect other water rights or the environment

### Section 4. Plain Language Summary

D ' 1	1 1		C 1 1	
Provide 3	hrigt d	accrintion	of planned	activation
I I OVIUE a	титет и	CSCLIDUOL	от планиси	activities.

### Section 5. Community and Demographic Information

Community information can be found using EPA's EJ Screen, U.S. Census Bureau information, or generally available demographic tools.

Information gathered in this section can assist with the determination of whether alternative language notice is necessary. Please provide the following information.

language notice is n	ecessary. Please pro	ovide the following information.	
(City)			
(County)			
(Census Tract) Please indicate which City	h of these three is the County	ne level used for gathering the following information.  Census Tract	
(a) Percent of people	e over 25 years of age	e who at least graduated from high school	
-		r the specified location ercent of population by race within the specified location	
(d) Percent of Lingui	stically Isolated Hous	seholds by language within the specified location	
(e) Languages comm	only spoken in area b	by percentage	
(f) Community and/o	or Stakeholder Group	ps	
(g) Historic public in	iterest or involvemen	nt	

### Section 6. Planned Public Outreach Activities

(a) Is this application subject to the public participation requirements of Title 30 Texas Administrative Code (30 TAC) Chapter 39?

Yes No

(b) If yes, do you intend at this time to provide public outreach other than what is required by rule?

Yes No

If Yes, please describe.

## If you answered "yes" that this application is subject to 30 TAC Chapter 39, answering the remaining questions in Section 6 is not required.

(c) Will you provide notice of this application in alternative languages?

Yes No

Please refer to Section 5. If more than 5% of the population potentially affected by your application is Limited English Proficient, then you are required to provide notice in the alternative language.

If yes, how will you provide notice in alternative languages?

Publish in alternative language newspaper

Posted on Commissioner's Integrated Database Website

Mailed by TCEQ's Office of the Chief Clerk

Other (specify)

(d) Is there an opportunity for some type of public meeting, including after notice?

Yes No

(e) If a public meeting is held, will a translator be provided if requested?

Yes No

(f) Hard copies of the application will be available at the following (check all that apply):

TCEQ Regional Office

TCEQ Central Office

Public Place (specify)

### Section 7. Voluntary Submittal

For applicants voluntarily providing this Public Involvement Plan, who are not subject to formal public participation requirements.

Will you provide notice of this application, including notice in alternative languages?

Yes No

What types of notice will be provided?

Publish in alternative language newspaper

Posted on Commissioner's Integrated Database Website

Mailed by TCEQ's Office of the Chief Clerk

Other (specify)

CHASE FARMS LLC

PO BOX 658

ARTESIA, NM 88211-0658

RYAN J. HARDING

15294 SOCORRO RD CLINT, TX 79836-5920 FFR ENTERPRISES INC

500 W OVERLAND AVE EL PASO, TX 79901-1085

STUBBORN FLOWER LLC & ANIDIS **HOMES INC & 1** 

7415 W US HIGHWAY 24 CASCADE, CO 80809

**GRIJALVA CHILDREN TRUST** 

PO BOX 2010

FABENS, TX 79838-2010

**JOHN MUNOZ** 

1517 E MISSOURI AVE EL PASO, TX 79902-5615

EMMA C & ROBERTO ORTIZ & 1

308 TORREON ST

CLINT, TX 79836-5900

**ROBERT KIMPEL** 

15260 SOCORRO RD CLINT, TX 79836-5920 **JOEL & BERTA SOSA** 

305 TORREON ST CLINT, TX 79836-5900

FERNANDO & MARINA ROSALES

15199 SOCORRO RD CLINT, TX 79836-5907 ISMAEL MARQUEZ 769 ELIGIO DR

SOCORRO, TX 79927-5040

MARIA DEL S & CARLOS A. BRETADO

15250 SOCORRO RD

CLINT, TX 79836-5920

**DEBBA BASHIR** 

11815 LEGEND MANOR DR HOUSTON, TX 77082-3079

**IESUS M. & ROSA I. MADRID** 

15201 SOCORRO RD **FABENS, TX 79836** 

MARIA G. PEREZ

15200 LOS ANGELES CLINT, TX 79836-5919

**JOSE JR CERA** 

PO BOX 992

FABENS, TX 79838-0992

**FABIAN OLIVARES** 

15251 SOCORRO RD CLINT, TX 79836-5920 PEDRO IR GONZALES

PO BOX 1920

FABENS, TX 79838-1920

**RAUL G. & ROSA CERA** 

15208 LOS ANGELES ST

CLINT, TX 79836-5919

MARIO & MARIA D. CASTILLO

15212 LOS ANGELES ST CLINT, TX 79836-5919

FELIX M. CORRAL

15201 LOS ANGELES ST CLINT, TX 79836-5919

ROSARIO & DOMINGA ESCOBAR

15205 LOS ANGELES ST CLINT, TX 79836-5919

YOLANDA VASOUEZ

15221 LOS ANGELES ST CLINT, TX 79836-5919

CARLOS M. BUENO & MELISSA E.

**ESCOBAR** 

15215 LOS ANGELES ST FABENS, TX 79838-9838

**RUDY LOPEZ** 

7717 E GARNET LN

357 ROSARIO SPOKANE, WA 99212-3527

ANA M. & ORTAN (EST) OCHOA

CLINT, TX 79836-5917

**JUANA V. (LE) HERNANDEZ & RUBEN** 

VILLAGRAN

359 ROSARIO ST CLINT, TX 79836-5917

**CATHOLIC DIOCESE OF EL PASO** 

499 SAINT MATTHEWS ST EL PASO, TX 79907-4214

15220 LOS ANGELES DR CLINT, TX 79836-5919

**JOSEFA RIVERA & 2** 

REYNOLFO PEREZ & BEATRIZ

PO BOX 934

FABENS, TX 79838-0934

#### **SOCORRO & EMILIA GARDEA**

PO BOX 400 FABENS, TX 79838-0400

### JUAN A. SEPULVEDA

371 CARMEN GINGER RD CLINT, TX 79836-6743

### MARBELLA G. MANCHA

15153 SOCORRO RD CLINT, TX 79836-5907

### MIRIAM I. & CYNTHIA R CARREON & 2

7311 CUBA DR EL PASO, TX 79915-1439

### **RUBEN & MARIA D. ALVAREZ**

15148 SOCORRO RD CLINT, TX 79836-5907

#### MOSES ESCOBAR

PO BOX 2952 FABENS, TX 79838-2952

### **DE ANDA RICHARD SR & ALICE**

15290 SOCORRO RD CLINT, TX 79836-5920

### **RODRIGO ESPINOZA**

15151 SOCORRO RD CLINT, TX 79836-5907

### **RUBEN & MARIA D. ALVAREZ**

15148 SOCORRO RD CLINT, TX 79836-5907

### **OLGA PORRAS**

PO BOX 1060 SAN ELIZARIO, TX 79849-1060

### **SIMON MISQUEZ**

15229 LOS ANGELES ST CLINT, TX 79836-5919

#### **JOSE R. OLIVAS**

291 CUADRILLA RD CLINT, TX 79836-8900

### **ISRAEL & FLORES BARBARA ANN CERA**

15140 SOCORRO RD CLINT, TX 79836-9836

### **RUBEN & MARIA D. ALVAREZ**

15152 SOCORRO RD CLINT, TX 79836-5907 CERTIFIED IMAIL

DWELL VAILET	ATER DISTRIC	PO. Box 1050 • San Elizario, TX 79849-10?	יטר
5	WAT	PO Box 10	

		on on Environmental uality Istration Division MC-214	ircle 753	
581°E	<b>6812</b>	Domestic Mail O	MAIL® REC	
1 2860	1 2850	Postage	\$	Mark
1000	1000	Certified Fee  Return Receipt Fee (Endorsement Aequired)		Postmark Here
0950	0720	Restricted Delivery Fee (Endorsument Required)  Total Postage & Fees	\$	C 1 Tueld
2015	7015	Street & Api. No. ACC. or PO Box No. City, State, ZIP+4	DO Park 2	Environmental Touchly 20. Day 151010

### WATER QUALITY PERMIT

### PAYMENT SUBMITTAL FORM

Use this form to submit the Application Fee, if the mailing the payment.

- · Complete items I through 5 below.
- . Staple the check or money order in the space provided at the bottom of this document.
- · Do Not mail this form with the application form.
- . Do not mail this form to the same address as the application.
- Do not submit a copy of the application with this form as it could cause duplicate permit entries.

### Mail this form and the check or money order to:

BY REGULAR U.S. MAIL

Texas Commission on Environmental Quality Financial Administration Division Cashier's Office, MC-214 P.O. Box 13088

Austin, Texas 78711-3088

BY OVERNIGHT/EXPRESS MAIL

Texas Commission on Environmental Quality Financial Administration Division Cashier's Office, MC-214 12100 Park 35 Circle Austin, Texas 78753

Update as needed

Fee Code: WQP Waste Permit No: Click to enter text.

1. Check or Money Order Number: 144479651

2. Check or Money Order Amount: \$350.00

3. Date of Check or Money Order: 09/27/2022

4. Name on Check or Money Order: Lower Valley Water District

5. APPLICATION INFORMATION

Name of Project or Site: Cuadrilla Improvement

Physical Address of Project or Site: Cuadrilla Road at Socorro Rd.

If the check is for more than one application, attach a list which includes the name of each Project or Site (RE) and Physical Address, exactly as provided on the application.

Staple Check or Money Order in This Space

ower Valley Wat	er District, TX		PAGE: 1 ÖF 1	CHECK NUMBER:	14447965
NVOIDE DATE	INVOICE NUMBER	Section .	DESCRIPTION	State Control	INVOICE AMOUN
05/26/2021	CHECK REQ	CUADRILLA W Voucher #: 3612 GL#:102000 - 920	WTP APPLICATION 27 60	\$350.00	\$350.0
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				S Fall To September 1997	
N					



**Lower Valley Water District** 

Vendor Name

TEXAS COMMISSION ON ENV QLTY

Operating Account P.O. Box 909 Clint, Texas 79836 Vendor Number 3295

Check No.

144479651

Check Date 09/27/2022

Check Date

09/27/2022

Check Number 144479651

Check Amount

\$350.00

\$350.00

\*Three Hundred Fifty Dollars and 00 Cents\*

Pay
To the

Vendor No.

3295

TEXAS COMMISSION ON ENV QLTY PO BOX 13088 MC-214

Order Of AUSTIN, TX 78711-3088

FILE COPY NON-NEGOTIABLE



LOWER VALLEY WATER DISTRICT
PO BOX 909
CLINT, TX 79836-0909

THE PROPERTY OF T



#### Dear El Paso Water Customer:

We are pleased to announce our new ServLine® Leak Protection Program to all eligible El Paso Water customers. For residential and single occupancy non-residential customers who see high water bills as the result of a qualifying leak, this program will offer some relief. Starting March 1, 2023, each eligible residential customer will automatically be billed \$0.98 monthly; single occupancy non-residential customers will automatically be billed \$1.42 monthly.

This is an opt-out program, customers who do not want this protection must call (915) 273-3999 to decline charges for the ServLine program.

What are the benefits? Customers enrolled in our new ServLine Leak Protection Program will receive a benefit that will cover the water use above their average bill amount up to \$1,000, caused by a qualifying leak—such as those behind a wall, under a foundation or underground. The program allows for one (1) adjustment per 24 months over a maximum of two (2) billing cycles upon proof of the leak repair. The cost of repairs is not included in this leak protection.\*

What happens if I opt out? Customers who decline the program accept responsibility for water loss charges caused by a water leak. Such customers could then apply for a leak adjustment directly from El Paso Water to cover 50% of their costly water bill, less their baseline amount of consumption from the same month in the prior year.

In our desert community, EPWater hates to see water loss. The utility hopes this program will encourage speedy repairs.

Please look for additional information coming in the mail, customers may call El Paso Water's dedicated ServLine phone number for detailed program guidelines or questions at (915) 273-3999 or visit https://www.epwater.org.

We look forward to this opportunity to enhance our customer service to you.

Respectfully,

El Paso Water

"INFORMATION FOR THE SERVLINE LEAK PROTECTION PROGRAM: HIGH WATER BILLS DUE TO LEAKS OCCURRING AFTER 03/01/2023 WILL BE ADJUSTED THROUGH THIS PROGRAM. PLEASE REFER TO OUR SERVLINE LEAK PROTECTION PROGRAM GUIDELINES FOR QUALIFICATIONS. CANCEL ANYTIME. 30-DAY WAIT PERIOD FOR RE-ENROLLMENT. CALL EL PASO WATER'S DEDICATED SERVLINE PHONE NUMBER ABOVE FOR MORE INFORMATION AND REQUEST A COPY OF THE FULL TERMS AND RESTRICTIONS.

#### Synthia Galvan

From: Corina Vega

Sent: Monday, February 24, 2025 10:47 AM

Fo: Synthia Galvan

Subject: RE: TCEQ Check# 144479651 Copy

Good morning Ms. Synthia,

Yes, it shows it cleared on 10/05/2022. Let me know if you need anything else.

Thank You,

#### Corina Vega

Senior Accountant Lower Valley Water District 1557 FM Road 1110 (915)791-4480 ext. 1078

From: Synthia Galvan <sgalvan@lvwd.org>
Sent: Monday, February 24, 2025 10:24 AM

To: Corina Vega <cvega@lvwd.org>
Subject: TCEQ Check# 144479651 Copy

Good morning Ms. Corina.

May I please trouble to advise if this show this check cleared our bank?

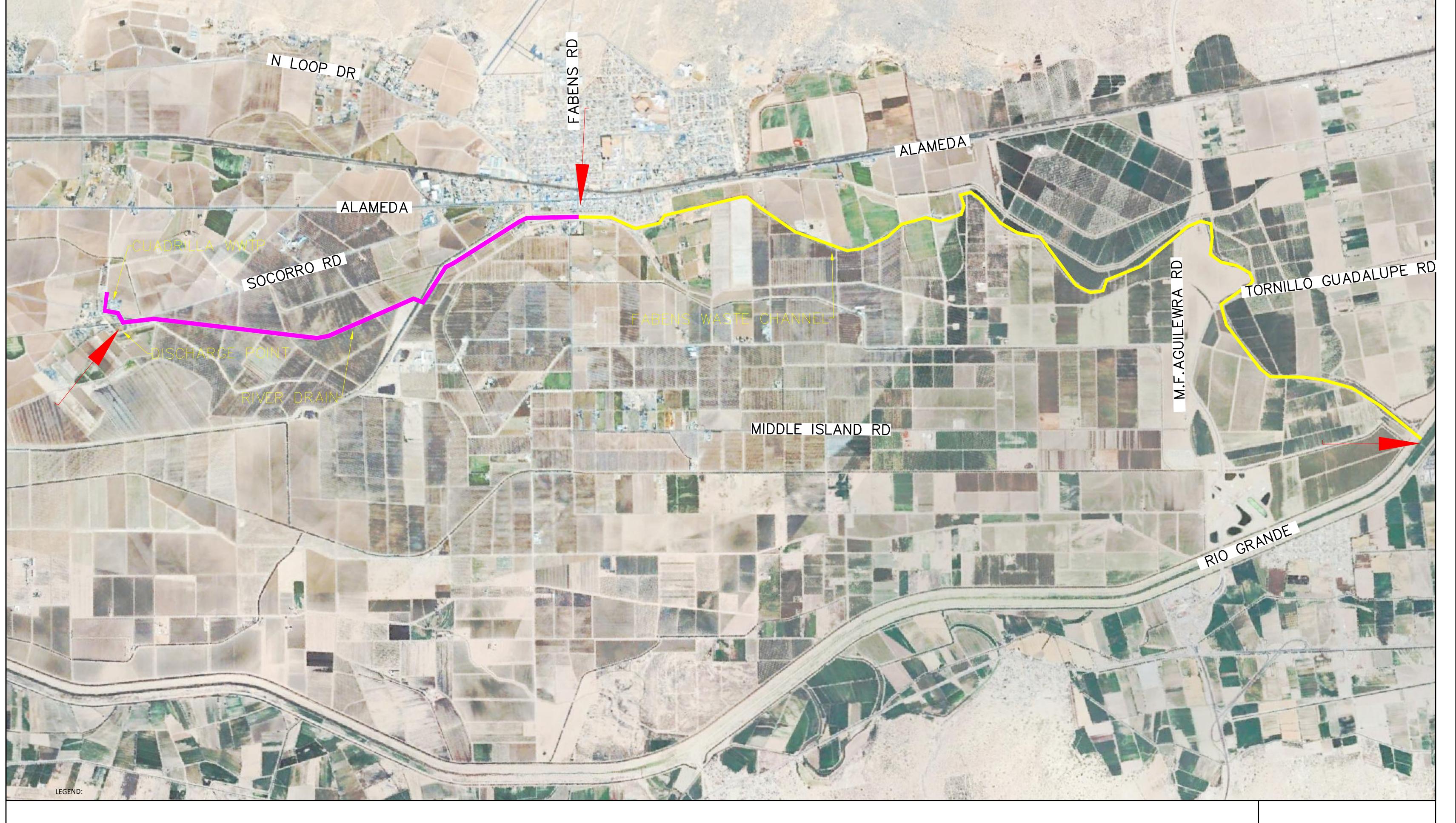
#### Synthia Galvan | Administrative Assistant II

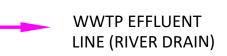
Lower Valley Water District 1557 FM 1110 Rd. - P.O. Box 909 Clint, TX 79836 Office (915) 791-4480 ext. 1112 sgalvan@lvwd.org



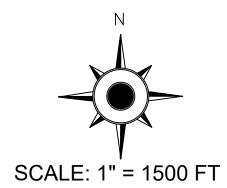
IMPORTANT: This transmission is for use by the intended recipient and it may contain privileged, proprietary or confidential information. If you are not the intended recipient or a person responsible for delivering this transmission to the intended recipient, you may not disclose, copy or distribute this transmission or take any action in reliance on it. If you received this transmission in error, please notify us immediately by email to <a href="DITS@lvwd.org">DITS@lvwd.org</a>, and please dispose of and delete this transmission. Thank you.

From: Corina Vega < <a href="mailto:cvega@lvwd.org">cvega@lvwd.org</a> Sent: Friday, February 21, 2025 4:35 PM



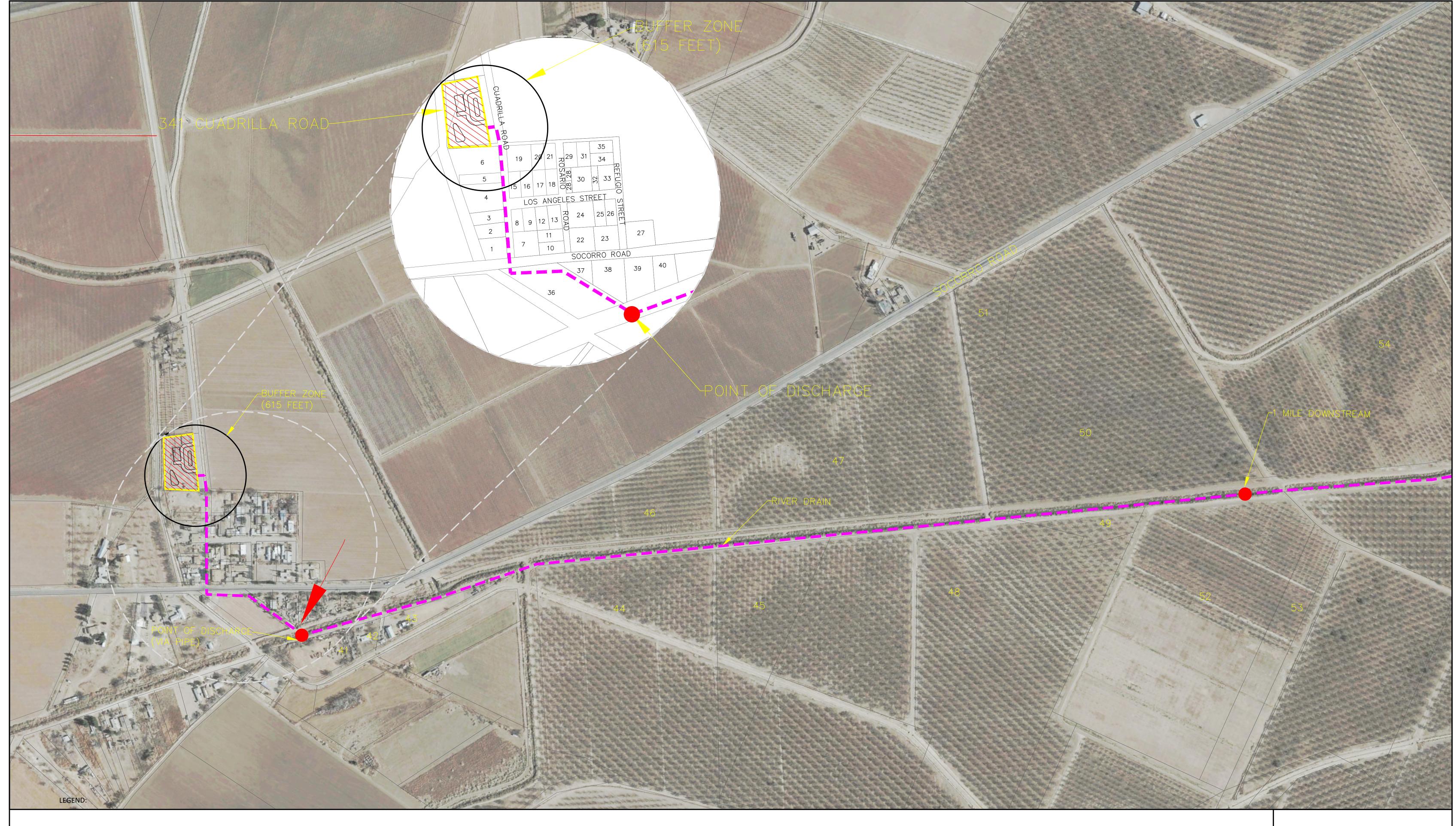


WWTP EFFLUENT
LINE (FABENS WASTE
CHANNEL)



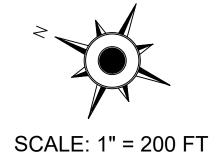
CUADRILLA WWTP -DISCHARGE ROUTE











CUADRILLA DISCHARGE POINT - 1 MILES DOWNSTREAM



Owner Name	El Paso CAD Geo#	Street No.	Street Name	Legal Description	Mailing Address	SOURCE
JOSE R. OLIVAS	S075000005011A7	291	CUADRILLA	5 SAN ELIZARIO TR 11-A-2 (1.6012 AC)	291 CUADRILLA RD, CLINT, TX 79836-8900	https://qis.elpasotexas.gov/pdnmapajs/
300E N. 0EIVIO	C705000000102A0	15260	SOCORRO			https://qis.elpasotexas.gov/pdnmapajs/
ROBERT KIMPEL				I COBOS QUADRILLA E 49 FT OF 2 TO 4 (8820 SQ FT)	15260 SOCORRO RD, CLINT, TX 79836-5920	https://epcad.org/Search
EMMA C & ROBERTO ORTIZ & 1	C705000000102B0	351	CUADRILLA CUT OFF	I COBOS CUADRILLA W 71 FT OF 2 TO 4 & LOT 6 BLK J (10486 SQ FT)	308 TORREON ST, CLINT, TX 79836-5900	https://gis.elpasotexas.gov/pdnmapajs/
ROBERT KIMPEL	C705000000J0300	15260	SOCORRO	J COBOS QUADRILLA PT OF 3 TO 5	15260 SOCORRO RD, CLINT, TX 79836-5920	https://gis.elpasotexas.gov/pdnmapajs/
JOEL & BERTA SOSA	C705000000J0100	305	TORREON	J COBOS QUADRILLA PT OF 1 TO 5 (0.1943 AC)	305 TORREON ST, CLINT, TX 79836-5900	https://qis.elpasotexas.gov/pdnmapajs/
FERNANDO & MARINA ROSALES	C705000000J01A0	15199	SOCORRO	J COBOS QUADRILLA PT OF 1 & 2	15199 SOCORRO RD, CLINT, TX 79836-5907	https://gis.elpasotexas.gov/pdnmapajs/
MARBELLA G. MANCHA	S45700000100200	15153	SOCORRO	BLK 1 SINGH ESTATES LOT 2	15153 SOCORRO RD, CLINT, TX 79836-5907	https://gis.elpasotexas.gov/pdnmapajs/
RODRIGO ESPINOZA	S45700000100100	15151	SOCORRO	BLK 1 SINGH ESTATES LOT 1	15151 SOCORRO RD, CLINT, TX 79836-5907	https://gis.elpasotexas.gov/pdnmapajs/
ISRAEL & FLORES BARBARA ANN CERA	S07500004000865	15140	SOCORRO	40 SAN ELIZARIO TR 8-F-1-A (1.00 AC)	15140 SOCORRO RD, CLINT, TX 79836-9836	https://gis.elpasotexas.gov/pdnmapajs/
	S07500004000860					
MIRIAM I. & CYNTHIA R CARREON & 2		15146	SOCORRO	40 SAN ELIZARIO TR 8-F-1 (3.552 AC)	7311 CUBA DR, EL PASO, TX 79915-1439	https://gis.elpasotexas.gov/pdnmapajs/
RUBEN & MARIA D. ALVAREZ	M08700000100100	15148	SOCORRO	BLK 1 MARIA REYES SUBDIVISION LOT 1	15148 SOCORRO RD, CLINT, TX 79836-5907	https://qis.elpasotexas.gov/pdnmapajs/
RUBEN & MARIA D. ALVAREZ	M08700000100200	15152	SOCORRO	BLK 1 MARIA REYES SUBDIVISION LOT 2	15152 SOCORRO RD, CLINT, TX 79836-5907	https://gis.elpasotexas.gov/pdnmapajs/
RUBEN & MARIA D. ALVAREZ	C/W M08700000100200 S07500004000831	15152	SOCORRO	BLK 1 MARIA REYES SUBDIVISION LOT 2 40 SAN ELIZARIO TR 8-F-2 (2.2758 AC)	15148 SOCORRO RD, CLINT, TX 79836-5907 PO BOX 1060. SAN ELIZARIO. TX 79849-1060	https://gis.elpasotexas.gov/pdnmapajs/
OLGA PORRAS	S07500004000831 S07500004000700	15154	SOCORRO	40 SAN ELIZARIO TR 6-F-2 (2.2736 AC)	769 ELIGIO DR, SOCORRO, TX 79927-5040	https://gis.elpasotexas.gov/pdnmapajs/
ISMAEL MARQUEZ	30/300004000/00	15200	SOCORRO	40 SAN ELIZARIO TR 7 (COM'L SITE) (0.25 AC)	707 ELIGIO DR, 30CORRO, 1X 77727-3040	https://gis.elpasotexas.gov/pdnmapajs/
MARIA DEL S & CARLOS A. BRETADO	S075000040013B1	15250	SOCORRO	40 SAN ELIZARIO TR 13-B-1 (0.179 AC)	15250 SOCORRO RD, CLINT, TX 79836-5920	https://gis.elpasotexas.gov/pdnmapais/
ROBERT & DOLORES KIMPEL	S075000040013B0	15260	CUADRILLA	40 SAN ELIZARIO TR 13-B (0.594 AC)	15260 SOCORRO RD, CLINT, TX 79836-5920	https://qis.elpasotexas.gov/pdnmapajs/
ROBERT & DOLORES KIMPEL	S075000040013C1	15270	CUADRILLA	40 SAN ELIZARIO TR 13-C (0.663 AC)	15260 SOCORRO RD, CLINT, TX 79836-5920	https://gis.elpasotexas.gov/pdnmapais/
ROBERT L. KIMPEL	S075000040013D0	15280	CUADRILLA	40 SAN ELIZARIO TR 13-D (0.449 AC) & TR 13-E (0.449 AC) (0.898 AC)	15260 SOCORRO RD, CLINT, TX 79836-5920	https://qis.elpasotexas.qov/pdnmapajs/
	C70500000010100					https://gis.elpasotexas.gov/pdnmapajs/
DEBBA BASHIR		11815	LEGEND MANOR	I COBOS QUADRILLA 1 & 5 TO 8	11815 LEGEND MANOR DR, HOUSTON, TX 77082-3079	https://epcad.org/Search
	C705000000K0100					https://gis.elpasotexas.gov/pdnmapajs/
JESUS M. & ROSA I. MADRID		15201	SOCORRO	K CUADRILLA 1 & 2 (14400.00 SQ FT)	15201 SOCORRO RD, FABENS, TX 79836	https://epcad.org/Search
MARIA G. PEREZ	C705000000K0400	15200	LOS ANGELES	K CUADRILLA LOT 4 (7200.00 SQ FT)	15200 LOS ANGELES, CLINT TX 79836-5919	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
MARIA G. PEREZ	C705000000K0200	13200	LOS ANGELES	K COADRIELA EOT 4 (7200.00 3Q FT)	13200 EO3 ANGELES, GEINT 1X 77030-3717	https://gis.elpasotexas.gov/pdnmapajs/
JOSE JR CERA	070300000010200	992	FABENS	K COBOS CUADRILLA LOT 3 (7200 SQ FT)	PO BOX 992 FABENS TX 79838-0992	https://epcad.org/Search
	C705000000K0300			, , , , , , , , , , , , , , , , , , , ,		https://gis.elpasotexas.gov/pdnmapajs/
FABIAN OLIVARES		15251	SOCORRO	K COBOS QUADRILLA SWLY 67.20FT OF 5 & 6 (8064 SQ FT)	15251 SOCORRO RD, CLINT TX 79836-5920	https://epcad.org/Search
	C705000000K0500				DO DOV 4000 FADENC TV 70000 4000	https://gis.elpasotexas.gov/pdnmapajs/
PEDRO JR GONZALES	C70E0000001/0000	380	ROSARIO	K COBOS QUADRILLA NELY 52.8 FT OF 5 & 6 6240 SQ FT	PO BOX 1920 FABENS TX 79838-1920	https://epcad.org/Search
JOSE JR CERA	C705000000K0800	15204	LOS ANGELES	K COBOS QUADRILLA NW 30 FT OF 8	PO BOX 992 FABENS TX 79838-0992	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
JOSE SIC CEIGG	C705000000K07A0	13204	LOSTINGLELS			https://gis.elpasotexas.gov/pdnmapajs/
RAUL G. & ROSA CERA		15226	LOS ANGELES	K COBOS QUADRILLA SW 30 FT OF 7 & NE 30 FT OF 8 (7200 SQ FT)	15208 LOS ANGELES ST CLINT TX 79836-5919	https://epcad.org/Search
	C705000000K07B0			K COBOS QUADRILLA SE 30 FT OF 7		https://gis.elpasotexas.gov/pdnmapajs/
MARIO & MARIA D. CASTILLO		15212	LOS ANGELES	K COBOS QUADRILLA SE 30 FT OF 7	15212 LOS ANGELES ST CLINT TX 79836-5919	https://epcad.org/Search
FELIXIM CORPAI	C705000000H01A0	15201	LOC ANCELES	H COBOS QUADRILLA 1 EXC E 3 FT (6840 SQ FT)	15201 LOC ANCELES ST CLINIT TV 7002/ 5010	https://gis.elpasotexas.gov/pdnmapajs/
FELIX M. CORRAL	C705000000H0100	15201	LOS ANGELES		15201 LOS ANGELES ST CLINT TX 79836-5919	https://epcad.org/Search https://gis.elpasotexas.gov/pdnmapajs/
ROSARIO & DOMINGA ESCOBAR	C705000000H0100	15205	LOS ANGELES	H COBOS QUADRILLA E 3 FT OF 1 ALL OF 2 EXC E 3 FT (7200.00 SQ FT)	15205 LOS ANGELES ST CLINT TX 79836-5919	https://epcad.org/Search
	C705000000G0100					https://gis.elpasotexas.gov/pdnmapajs/
YOLANDA VASQUEZ		15521	LOS ANGELES	G COBOS QUADRILLA NWLY COR OF 1 (30 FT X 60 FT) (1800 SQ FT)	15221 LOS ANGELES ST CLINT TX 79836-5919	https://epcad.org/Search
	C705000000H0400			H COBOS QUADRILLA LOT 4 (7200 SQ FT)		https://gis.elpasotexas.gov/pdnmapajs/
CARLOS M. BUENO & MELISSA E. ESCOBAR		15215	LOS ANGELES	11 00 00 0 0 1 0 1 1 (1200 0 0 1 1)	15215 LOS ANGELES ST FABENS TX 79838-9838	https://epcad.org/Search
RUDY LOPEZ	C705000000H0700	7717	E GARNET LN	H COBOS QUADRILLA 7 & 8	7717 E GARNET LN SPOKANE WA 99212-3527	https://gis.elpasotexas.gov/pdnmapajs/
RODY LOPEZ	C705000000H0500	7717	E GARNET LIN		7/17 E GARNET EN SPORANE WA 77212-3327	https://epcad.org/Search https://gis.elpasotexas.gov/pdnmapajs/
ANA M. & ORTAN (EST) OCHOA	C703000000110300	357	ROSARIO	H COBOS QUADRILLA S 1/2 OF 5 & 6 (7200 SQ FT)	357 ROSARIO CLINT TX 79836-5917	https://epcad.org/Search
THE THE CONTROL (CO.) CONTROL	C705000000H05A0	007	noonno			https://gis.elpasotexas.gov/pdnmapajs/
JUANA V. (LE) HERNANDEZ & RUBEN VILLAGR		359	ROSARIO	H COBOS QUADRILLA N 1/2 OF 5 & 6 (HOMESITE) (4800 SQ FT)	359 ROSARIO ST CLINT TX 79836-5917	https://epcad.org/Search
	C70500000000300			O COBOS QUADRILLA 1 & 2 (14400.00 SQ FT)		https://gis.elpasotexas.gov/pdnmapajs/
CATHOLIC DIOCESE OF EL PASO		499	SAINT MATTHEWS	0 00003 Q0/IDINEDITIA 2 (14400.00 3Q1 1)	499 SAINT MATTHEWS ST EL PASO TX 79907-4214	https://epcad.org/Search
CATHOLIC DIOCECE OF EL DACO	C70500000000400	499	CAINT MATTUEWC	O COBOS QUADRILLA 3 & 4 (14400.00 SQ FT)	499 SAINT MATTHEWS ST EL PASO TX 79907-4214	https://gis.elpasotexas.gov/pdnmapajs/
CATHOLIC DIOCESE OF EL PASO	C70500000000700	499	SAINT MATTHEWS		499 SAIIVI WATTHEWS STELPASO TX 19901-4214	https://epcad.org/Search https://gis.elpasotexas.gov/pdnmapajs/
JOSEFA RIVERA & 2	C70300000000100	15220	LOS ANGELES	O COBOS QUADRILLA 7 & 8 (14400 SQ FT)	15220 LOS ANGELES DR CLINT TX 79836-5919	https://epcad.org/Search
	C70500000000500			O CODOS CHADDILLA LOT E (HOMEOTE) (COO CO CO CO)		https://gis.elpasotexas.gov/pdnmapajs/
REYNOLFO PEREZ & BEATRIZ		934	FABENS	O COBOS QUADRILLA LOT 5 (HOMESITE) (3600.00 SQ FT)	PO BOX 934 FABENS TX 79838-0934	https://epcad.org/Search
	C705000000A0100			A COBOS QUADRILLA LOT 1 (7254 SQ FT)		https://gis.elpasotexas.gov/pdnmapajs/
SOCORRO & EMILIA GARDEA	070500055 * * * * * * *	400	FABENS	7. 33333 QS.13.NEBTEOT 1 (1207 3Q1 1)	PO BOX 400 FABENS TX 79838-0400	https://epcad.org/Search
SOCOPPO & EMILIA CAPDEA	C705000000A0200	15252	CUADRILLA	A COBOS QUADRILLA LOT 2 (7316 SQ FT)	PO BOX 400 FABENS TX 79838-0400	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
SOCORRO & EMILIA GARDEA		15253	CUADRILLA	· · · · · · · · · · · · · · · · · · ·	1 O DON 400 I NDENO IN 77030-0400	парэлгериацију осани

C705000000G0800					https://qis.elpasotexas.gov/pdnmapajs/
	358	ROSARIO	COBOS QUADRILLA LOT 8 (7200 SQ FT)	PO BOX 2952 FABENS TX 79838-2952	https://epcad.org/Search
C705000000G0200	15229	LOS ANGELES	G COBOS QUADRILLA 2 & SLY 30 FT OF 1 (10800 SQ FT)	15229 LOS ANGELES ST CLINT TX 79836-5919	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
C705000000G0700	15229	LOS ANGELES	COBOS CUADRILLA REAPPRAISAL	15229 LOS ANGELES ST CLINT TX 79836-5919	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
C705000000G03A0	15229	LOS ANGELES	G COBOS QUADRILLA NLY 40 FT OF 3 (4800 SQ FT)	15229 LOS ANGELES ST. CLINT TX 79836-5919	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
C705000000G0300			G COBOS QUADRILLA 4 & SLY 20 FT OF 3 (9600 SQ FT)		https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
C705000000G0500			G COBOS QUADRILLA WLY 1/2 OF 5 & 6 (7200 SQ FT)		https://gis.elpasotexas.gov/pdnmapajs/
C705000000G05A0	355	REFUGIO	,	15260 SOCORRO RD CLINT TX 79836-5920	https://epcad.org/Search https://gis.elpasotexas.gov/pdnmapajs/
	359	REFUGIO	G COBOS QUADRILLA ELY 1/2 OF 5 & 6 (7200 SQ FT)	15260 SOCORRO RD CLINT TX 79836-5920	https://epcad.org/Search
S075000040013F0	15290	SOCORRO	40 SAN ELIZARIO TR 13-F (0.414 AC)	15290 SOCORRO RD CLINT TX 79836-5920	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S075000040013M1	15294	SOCORRO	40 SAN ELIZARIO TR 13-M (0.9997 AC)	15294 SOCORRO RD CLINT TX 79836-5920	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S075000041002A8	500	W OVERLAND AVE	41 SAN ELIZARIO TR 2-B-1 (5.7206 AC)	500 W OVERLAND AVE EL PASO TX 79901-1085	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S075000041002A1			41 SAN ELIZARIO TR 2-A-1 (7.5887 AC)		https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S075000041002A9			41 SAN FUZARIO TR 2.R.2 /11 9676 AC)		https://gis.elpasotexas.gov/pdnmapajs/
C0E000011E04100	500	W OVERLAND AVE	41-5/11 ELIZINIO TR Z D Z (11.707070)	500 W OVERLAND AVE EL PASO TX 79901-1085	https://epcad.org/Search
	506	S STANTON	115 CAMPBELL LOT 14 (3120 SQ FT)	7415 W US HIGHWAY 24 CASCADE CO 80809	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S07500004100400	500	W OVERLAND AVE	41 SAN ELIZARIO TR 4 (55.95 AC)	500 W OVERLAND AVE EL PASO TX 79901-1085	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S07500004100500	500	W OVERLAND AVE	41 SAN ELIZARIO TR 5 (1.63 AC)	500 W OVERLAND AVE EL PASO TX 79901-1085	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S075000041001B0	500		41 SAN ELIZARIO TR 1-B (45.12 AC)	500 W OVERLAND AVE EL PASO TX 79901-1085	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S075000041001A0			41 SAN ELIZARIO TR 1-A (2.78 AC)		https://gis.elpasotexas.gov/pdnmapajs/
S075000041006B0	500		41 CAN ELIZADIO TO 4 D /24 242 AC)		https://epcad.org/Search https://gis.elpasotexas.gov/pdnmapajs/
C07E000041004C0	500	W OVERLAND AVE	41 SAIV ELIZARIO TR 0-B (30.202 AC)	500 W OVERLAND AVE EL PASO TX 79901-1085	https://epcad.org/Search https://gis.elpasotexas.gov/pdnmapajs/
	500	W OVERLAND AVE	41 SAN ELIZARIO TR 6-B-1 (6.248 AC)	500 W OVERLAND AVE EL PASO TX 79901-1085	https://epcad.org/Search
S075000042001C0	500	W OVERLAND AVE	42 SAN ELIZARIO TR 1-B-1 (12.04 AC) TR 2-A (244.13 AC) (256.17 AC)	500 W OVERLAND AVE EL PASO TX 79901-1085	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S075000042001A0	15920	CUADRILLA	42 SAN ELIZARIO TR 1-A (52.7500 AC)	500 W OVERLAND AVE STE 300 EL PASO TX 79901-1086	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S07500000201300			2 SAN ELIZARIO TR 13 (24.347 AC)	PO BOX 2010 FABENS TX 79838-2010	https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S075000042006A3			42 SAN ELIZARIO TR 4-A-4 (12.2200 AC)		https://gis.elpasotexas.gov/pdnmapajs/ https://epcad.org/Search
S075000001012C0	030	ARTESIA	1 SAN ELIZADIO TD 12 C (12 57 AC)		https://gis.elpasotexas.gov/pdnmapajs/
\$07500000101244	1517	E MISSOURI	I SAN ELIZANIO TR 12-0 (12.97 AU)	1517 E MISSOURI AVE EL PASO TX 79902-5615	https://epcad.org/Search https://gis.elpasotexas.gov/pdnmapajs/
5070000001012A4	1517	E MISSOURI	1 SAN ELIZARIO TR 12-A-1 (17.3730 AC) TR 12-E-2 (0.013 AC) (17.3860 AC)	1517 E MISSOURI AVE EL PASO TX 79902-5615	https://epcad.org/Search
	C70500000G03A0 C70500000G03A0 C70500000G0300 C70500000G0500 C70500000G05A0 S075000040013F0 S075000041002A1 S075000041002A1 S075000041002A9 C05099911506100 S07500004100400 S075000041001B0 S075000041001A0 S075000041006B0 S075000041006C0 S075000042001C0 S075000042001A0 S075000042001A0 S075000042001A0 S0750000042001A0	358	358	C70500000G0200	C0050000000000000000000000000000000000

# CUADRILLA PACKAGED WASTEWATER TREATMENT FACILITY AND SITE IMPROVEMENTS

## TCEQ - DOMESTIC WASTEWATER PERMIT APPLICATION





1557 FM ROAD 1110 CLINT, TEXAS 79836

# TCEQ – 10053 DOMESTIC WASTEWATER PERMIT APPLICATION



#### TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

## DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

#### Complete and submit this checklist with the application.

APPLICANT NAME: Lower Valley Water District

PERMIT NUMBER (If new, leave blank): WQ00 Click to enter text.

Indicate if each of the following items is included in your application.

and the first term of the second						
=	Y	N		Y	N	
Administrative Report 1.0	$\boxtimes$		Original USGS Map	$\boxtimes$		
Administrative Report 1.1	$\boxtimes$		Affected Landowners Map	$\boxtimes$		
SPIF	$\boxtimes$		Landowner Disk or Labels	$\boxtimes$		
Core Data Form	$\boxtimes$		Buffer Zone Map	$\boxtimes$		
Public Involvement Plan Form	7		Flow Diagram	$\boxtimes$		
Technical Report 1.0			Site Drawing	$\boxtimes$		
Technical Report 1.1			Original Photographs	$\boxtimes$		
Worksheet 2.0			Design Calculations	$\boxtimes$		
Worksheet 2.1			Solids Management Plan			
Worksheet 3.0			Water Balance			
Worksheet 3.1						
Worksheet 3.2						
Worksheet 3.3						
Worksheet 4.0						
Worksheet 5.0						
Worksheet 6.0						
Worksheet 7.0						
For TCEQ Use Only						
			County Region			

#### TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

#### DOMESTIC WASTEWATER PERMIT APPLICATION **ADMINISTRATIVE REPORT 1.0**

For any questions about this form, please contact the Applications Review and Processing Team at 512-239-4671.

#### Section 1. Application Fees (Instructions Page 26)

Indicate the amount submitted for the application fee (check only one).

F 4 C -	A 1							
Flow	New/Major Amendment	Renewal						
<0.05 MGD	\$350.00 ☒	\$315.00 □						
≥0.05 but <0.10 MGD	\$550.00 □	\$515.00 □						
≥0.10 but <0.25 MGD	\$850.00 □	\$815.00 □						
≥0.25 but <0.50 MGD	\$1,250.00 □	\$1,215.00 □						
≥0.50 but <1.0 MGD	\$1,650.00 □	\$1,615.00 □						
≥1.0 MGD	\$2,050.00 □	\$2,015.00						
Minor Amendment (for any flow) \$150.00 □								
Payment Information:								
	Flow <0.05 MGD ≥0.05 but <0.10 MGD ≥0.10 but <0.25 MGD ≥0.25 but <0.50 MGD ≥0.50 but <1.0 MGD ≥1.0 MGD	Flow       New/Major Amendment         <0.05 MGD       \$350.00 ⋈         ≥0.05 but <0.10 MGD       \$550.00 □         ≥0.10 but <0.25 MGD       \$850.00 □         ≥0.25 but <0.50 MGD       \$1,250.00 □         ≥0.50 but <1.0 MGD       \$1,650.00 □         ≥1.0 MGD       \$2,050.00 □         Minor Amendment (for any flow)       \$150.00 □						

Mailed Check/Money Order Number: Click to enter text.

Check/Money Order Amount: \$350.00

Name Printed on Check: Lower Valley Water District

**EPAY** Voucher Number: Click to enter text.

Copy of Payment Voucher enclosed? Yes □

#### Section 2. Type of Application (Instructions Page 26)

a.	Check the box next to the appropriate authorization type.									
	$\boxtimes$	Publicly-Owned Domestic Wastewater								
		Privately-Owned Domestic Wastewater								
		Conventional Wastewater Treatment								
b.	Check the box next to the appropriate facility status.									
	$\boxtimes$	Active   Inactive								

c.	Che	neck the box next to the appropriate permit type.	
	$\boxtimes$	TPDES Permit	
		TLAP	
-		TPDES Permit with TLAP component	
	<u> </u>	Subsurface Area Drip Dispersal System (SADDS)	
d.	Che	eck the box next to the appropriate application type	
	$\boxtimes$	New	e ii
		Major Amendment with Renewal	Minor Amendment with Renewal
		Major Amendment without Renewal	Minor Amendment without Renewal
		Renewal without changes	Minor Modification of permit
e.	For	r amendments or modifications, describe the propose	ed changes: Click to enter text.
f.	For	r existing permits:	
	Per	rmit Number: WQ00 Click to enter text.	
	EPA	A I.D. (TPDES only): TX Click to enter text.	
	Exp	piration Date: Click to enter text.	
-			
Se	ctio	on 3. Facility Owner (Applicant) and C	o-Applicant Information
		(Instructions Page 26)	
A.	The	e owner of the facility must apply for the permit.	
	Wha	nat is the Legal Name of the entity (applicant) applyin	g for this permit?
	Low	wer Valley Water District	

(The legal name must be spelled exactly as filed with the Texas Secretary of State, County, or in the legal documents forming the entity.)

If the applicant is currently a customer with the TCEQ, what is the Customer Number (CN)? You may search for your CN on the TCEQ website at <a href="http://www15.tceq.texas.gov/crpub/">http://www15.tceq.texas.gov/crpub/</a>

CN: 600630396

What is the name and title of the person signing the application? The person must be an executive official meeting signatory requirements in *30 TAC § 305.44*.

Prefix: Mr Last Name, First Name: Grijalva, Gerald

Title: <u>General Manager</u> Credential: Click to enter text.

**B.** Co-applicant information. Complete this section only if another person or entity is required to apply as a co-permittee.

What is the Legal Name of the co-applicant applying for this permit?

Click to enter text.

(The legal name must be spelled exactly as filed with the TX SOS, with the County, or in the legal documents forming the entity.)

If the co-applicant is currently a customer with the TCEQ, what is the Customer Number (CN)? You may search for your CN on the TCEO website at: http://www15.tceq.texas.gov/crpub/

CN: Click to enter text.

What is the name and title of the person signing the application? The person must be an executive official meeting signatory requirements in 30 TAC § 305.44.

Prefix: Click to enter text.

Last Name, First Name: Click to enter text.

Title: Click to enter text.

Credential: Click to enter text.

Provide a brief description of the need for a co-permittee: Click to enter text.

#### C. Core Data Form

Complete the Core Data Form for each customer and include as an attachment. If the customer type selected on the Core Data Form is **Individual**, complete **Attachment 1** of Administrative Report 1.0. Attachment 1 included

#### Section 4. Application Contact Information (Instructions Page 27)

This is the person(s) TCEQ will contact if additional information is needed about this application. Provide a contact for administrative questions and technical questions.

A. Prefix: Mr.

Last Name, First Name: Hernandez, Daniel

Title: Project Engineer

Credential: P.E.

Organization Name: Lower Valley Water District

Mailing Address: 1557 F.M. Road 1110

City, State, Zip Code: Clint, TX 79836

Phone No.: 915-791-4480

E-mail Address: dhernandez@lvwd.org

Check one or both:

 $\boxtimes$ **Administrative Contact**   $\boxtimes$ **Technical Contact** 

B. Prefix: Mr.

Last Name, First Name: Long, Ed

Title: Chief Technical Officer

Credential: P.E.

Organization Name: Lower Valley Water District

Mailing Address: 1557 F.M Road 1110

City, State, Zip Code: Clint, TX 79836

Phone No.: 915-791-4480

E-mail Address: elong@lvwd.org

Check one or both:

X **Administrative Contact**  **Technical Contact** 

#### Section 5. Permit Contact Information (Instructions Page 27)

Provide the names and contact information for two individuals that can be contacted throughout the permit term.

A. Prefix: Mr.

Last Name, First Name: Hernandez, Daniel

Title: Project Engineer

Credential: P.E.

Organization Name: Lower Valley Water District

Mailing Address: 1557 F.M. Road 1110

City, State, Zip Code: Clint, TX 79836

Phone No.: 915-791-4480

E-mail Address: dhernandez@lvwd.org

B. Prefix: Mr. Last Name, First Name: Long, Ed

Title: <u>Chief Technical Officer</u> Credential: <u>P.E.</u>
Organization Name: Lower Valley Water District

Mailing Address: 1557 F.M. Road 1110 City, State, Zip Code: Clint, TX 79836

Phone No.: 915-791-4480 E-mail Address: elong@lvwd.org

#### Section 6. Billing Contact Information (Instructions Page 27)

The permittee is responsible for paying the annual fee. The annual fee will be assessed to permits *in effect on September 1 of each year*. The TCEQ will send a bill to the address provided in this section. The permittee is responsible for terminating the permit when it is no longer needed (using form TCEQ-20029).

Prefix: Mr. Last Name, First Name: Jose Hernandez

Title: <u>Chief Financial Officer</u> Credential: Click to enter text.

Organization Name: Lower Valley Water District

Mailing Address: 1557 F.M. Road 1110 City, State, Zip Code: Clint, TX 79836

Phone No.: 915-791-4480 E-mail Address: jhernandez@lvwd.org

#### Section 7. DMR/MER Contact Information (Instructions Page 27)

Provide the name and complete mailing address of the person delegated to receive and submit Discharge Monitoring Reports (DMR) (EPA 3320-1) or maintain Monthly Effluent Reports (MER).

Prefix: Mr. Last Name, First Name: Hernandez, Daniel

Title: <u>Project Engineer</u> Credential: <u>P.E.</u>
Organization Name: Lower Valley Water District

Mailing Address: 1557 F.M. Road 1110 City, State, Zip Code: Clint, TX 79836

Phone No.: 915-791-4480 E-mail Address: dhernandez@lvwd.org

#### Section 8. Public Notice Information (Instructions Page 27)

#### A. Individual Publishing the Notices

Prefix: Mr. Last Name, First Name: Grijalva, Gerald

Title: General Manager Credential: Click to enter text.

Organization Name: Lower Valley Water District

Mailing Address: 1557 F.M. 1110 City, State, Zip Code: Clint, TX 79836

Phone No.: 915-791-4480 E-mail Address: ggrijalva@lvwd.org

B. Method for Receiving Notice of Receipt and Intent to Obtain a Water Quality Per Package									
	In	Indicate by a check mark the preferred method for receiving the first notice and instructions:							
		E-mai	l Address						
		Fax	T. 185		그레스 전 스탠드 역 - 그렇게 뭐 아버리는 그는 사고적이 뭐느셨다.				
		Regul	ar Mail	vn v					
C.	Co	ontact p	ermit to be	listed	l in the Notices				
	Pr	efix: <u>Mr.</u>	1		Last Name, First Name: Grijalva, Gerald				
	Ti	tle: <u>Gene</u>	eral Manager		Credential: Click to enter text.				
	Oı	ganizati	ion Name: <u>L</u>	ower'	Valley Water District				
	Ma	ailing Ac	ldress: 1557	F.M.	City, State, Zip Code: Clint, TX 79836				
	Ph	one No.	915-791-448	<u>80</u>	E-mail Address: ggrijalva@lvwd.org				
D.	Pu	ıblic Vie	wing Inform	natio	n				
		If the facility or outfall is located in more than one county, a public viewing place for each county must be provided.							
	Pu	ıblic buil	lding name:	Lowe	r Valley Water District Main Building				
	Lo	cation w	vithin the bu	ıildin	g: Front Room				
	Ph	ysical A	ddress of B	uildin	g: <u>1557 F.M Road 1110</u>				
	Ci	ty: <u>Clint</u>			County: <u>El Paso</u>				
	Co	ntact (L	ast Name, F	irst N	ame): Gerald Grijalva, General Manager				
	Ph	one No.	915-791-448	<u>30</u> Ext	:: Click to enter text.				
E.	Bi	Bilingual Notice Requirements							
	This information is required for new, major amendment, minor amendment or minor modification, and renewal applications.								
	This section of the application is only used to determine if alternative language notices will be needed. Complete instructions on publishing the alternative language notices will be in your public notice package.								
	Please call the bilingual/ESL coordinator at the nearest elementary and middle schools and obtain the following information to determine whether an alternative language notices are required.								
	1.				program required by the Texas Education Code at the elementary to the facility or proposed facility?				
		$\boxtimes$	Yes		No				
		If <b>no</b> , p	oublication o	of an	alternative language notice is not required; <b>skip to</b> Section 9				
	2.				tend either the elementary school or the middle school enrolled ir ogram at that school?				
		$\boxtimes$	Yes		No				

3. Do the students at these schools attend a bilingual education program at another location?
⊠ Yes □ No
4. Would the school be required to provide a bilingual education program but the school has waived out of this requirement under 19 TAC §89.1205(g)?
⊠ Yes □ No
5. If the answer is <b>yes</b> to <b>question 1, 2, 3, or 4</b> , public notices in an alternative language are required. Which language is required by the bilingual program? <u>Spanish</u>
Plain Language Summary Template
Complete the Plain Language Summary (TCEQ Form 20972) and include as an attachment.
Attachment: Included
Public Involvement Plan Form
Complete the Public Involvement Plan Form (TCEQ Form 20960) for each application for a
<b>new permit or major amendment to a permit</b> and include as an attachment.
Attachment: Click to enter text.
ection 9. Regulated Entity and Permitted Site Information (Instructions
ection 9. Regulated Entity and Permitted Site Information (Instructions Page 29)
If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. RN 101185676
Search the TCEQ's Central Registry at <a href="http://www15.tceq.texas.gov/crpub/">http://www15.tceq.texas.gov/crpub/</a> to determine if the site is currently regulated by TCEQ.
Name of project or site (the name known by the community where located):
Cuadrilla Subdivision
Owner of treatment facility: Lower Valley Water District
Ownership of Facility: ⊠ Public □ Private □ Both □ Federal
Owner of land where treatment facility is or will be:
Prefix: Click to enter text. Last Name, First Name: Click to enter text.
Title: Click to enter text. Credential: Click to enter text.
Organization Name: Lower Valley Water District
Mailing Address: 1557 F.M. Road 1110 City, State, Zip Code: Clint, TX 79836
Phone No.: 915-791-4480 E-mail Address: ggrijalva@lvwd.org
If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.
Attachment: N/A (Land Owner is Facility Owner)

F.

G.

B.

C.

D.

E.	Owner of effluent disposal site:						
	Prefix: <u>N/A</u>	Last Name, First Name:					
	Title: Click to enter text.	Credential: Click to enter text.					
	Organization Name: El Paso County Water Improvement District #1						
T.	Mailing Address: 13247 Alameda A	Ave. City, State, Zip Code: Clint, TX 79836					
	Phone No.: <u>915-872-4000</u>	E-mail Address: jornelas@epcwid1.org					
	If the landowner is not the same agreement or deed recorded ease	person as the facility owner or co-applicant, attach a lease ement. See instructions.					
	Attachment: N/A						
F. Owner sewage sludge disposal site (if authorization is requested for sludge disposal property owned or controlled by the applicant)::							
	Prefix: Click to enter text.	Last Name, First Name: Click to enter text.					
	Title: Click to enter text.	Credential: Click to enter text.					
	Organization Name: Click to ente	er text.					
	Mailing Address: Click to enter text. City, State, Zip Code: Click to enter text.						
	Phone No.: Click to enter text.	E-mail Address: Click to enter text.					
	If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.						
	Attachment: Click to enter te	xt.					
Se	ection 10. TPDES Dischar	ge Information (Instructions Page 31)					
		ge Information (Instructions Page 31) ity location in the existing permit accurate?					
	Is the wastewater treatment facil  ✓ Yes □ No  If no, or a new permit application						
	Is the wastewater treatment facil  ☑ Yes □ No	ity location in the existing permit accurate?					
	Is the wastewater treatment facil  ✓ Yes □ No  If no, or a new permit application	ity location in the existing permit accurate?					
A.	Is the wastewater treatment facil  ✓ Yes □ No  If <b>no, or a new permit application</b> N/A	ity location in the existing permit accurate?					
A.	Is the wastewater treatment facil  ✓ Yes □ No  If <b>no, or a new permit application</b> N/A	ity location in the existing permit accurate?  on, please give an accurate description:					
A.	Is the wastewater treatment facil	on, please give an accurate description:  the discharge route(s) in the existing permit correct?  ermit application, provide an accurate description of the arge route to the nearest classified segment as defined in 30					
A.	Is the wastewater treatment facil	ity location in the existing permit accurate?  on, please give an accurate description:  the discharge route(s) in the existing permit correct?  ermit application, provide an accurate description of the					
A.	Is the wastewater treatment facil	on, please give an accurate description:  the discharge route(s) in the existing permit correct?  ermit application, provide an accurate description of the arge route to the nearest classified segment as defined in 30 to the former discharge point, at the drain canal owned and contual outfall into the USIBWD Rio Grande tributary.					
A.	Is the wastewater treatment facil	on, please give an accurate description:  the discharge route(s) in the existing permit correct?  ermit application, provide an accurate description of the arge route to the nearest classified segment as defined in 30 eformer discharge point, at the drain canal owned and entual outfall into the USIBWD Rio Grande tributary.					
А.	Is the wastewater treatment facil	on, please give an accurate description:  the discharge route(s) in the existing permit correct?  ermit application, provide an accurate description of the arge route to the nearest classified segment as defined in 30 to the former discharge point, at the drain canal owned and entual outfall into the USIBWD Rio Grande tributary.  s, TX  s/are located: El Paso County discharge to a city, county, or state highway right-of-way, or					

	If <b>yes</b> , indicate by a check mark if:
	☐ Authorization granted ☐ Authorization pending
	For <b>new and amendment</b> applications, provide copies of letters that show proof of contact and the approval letter upon receipt.
J.	Attachment: N/A
D.	For all applications involving an average daily discharge of 5 MGD or more, provide the names of all counties located within 100 statute miles downstream of the point(s) of discharge: $N/A$
Se	ection 11. TLAP Disposal Information (Instructions Page 32)
<b>A.</b>	For TLAPs, is the location of the effluent disposal site in the existing permit accurate?
	□ Yes ⊠ No
	If <b>no, or a new or amendment permit application</b> , provide an accurate description of the disposal site location:
	N/A
B.	City nearest the disposal site: <u>N/A</u>
C.	County in which the disposal site is located: <u>N/A</u>
D.	For <b>TLAPs</b> , describe the routing of effluent from the treatment facility to the disposal site:
	N/A
E.	For <b>TLAPs</b> , please identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained: Click to enter text.
So	ction 12 Missallaneous Information (Instructions Boss 22)
	ction 12. Miscellaneous Information (Instructions Page 32)
Α.	Is the facility located on or does the treated effluent cross American Indian Land?
_	□ Yes ⋈ No
В.	If the existing permit contains an onsite sludge disposal authorization, is the location of the sewage sludge disposal site in the existing permit accurate?
	□ Yes □ No ⊠ Not Applicable
	If No, or if a new onsite sludge disposal authorization is being requested in this permit application, provide an accurate location description of the sewage sludge disposal site.
	N/A

C.	Did any person formerly employed by the TCEQ represent your company and get paid for service regarding this application?
	□ Yes ⊠ No
-1-,	If yes, list each person formerly employed by the TCEQ who represented your company and was paid for service regarding the application: Click to enter text.
D.	Do you owe any fees to the TCEQ?
	□ Yes ⊠ No
	If <b>yes</b> , provide the following information:
	Account number: Click to enter text.
	Amount past due: Click to enter text.
E.	Do you owe any penalties to the TCEQ?
	□ Yes ⊠ No
	If <b>yes</b> , please provide the following information:
	Enforcement order number: <u>N/A</u>
	Amount past due: Click to enter text.
Se	ection 13. Attachments (Instructions Page 33)
Ind	dicate which attachments are included with the Administrative Report. Check all that apply:
	Lease agreement or deed recorded easement, if the land where the treatment facility is located or the effluent disposal site are not owned by the applicant or co-applicant.
$\boxtimes$	Original full-size USGS Topographic Map with the following information:
	<ul> <li>Applicant's property boundary</li> <li>Treatment facility boundary</li> <li>Labeled point of discharge for each discharge point (TPDES only)</li> <li>Highlighted discharge route for each discharge point (TPDES only)</li> <li>Onsite sewage sludge disposal site (if applicable)</li> <li>Effluent disposal site boundaries (TLAP only)</li> <li>New and future construction (if applicable)</li> <li>1 mile radius information</li> <li>3 miles downstream information (TPDES only)</li> <li>All ponds.</li> </ul>
	Attachment 1 for Individuals as co-applicants
	Other Attachments. Please specify: Click to enter text.

#### Section 14. Signature Page (Instructions Page 34)

If co-applicants are necessary, each entity must submit an original, separate signature page.

Permit Number: Click to enter text.

Applicant: Lower Valley Water District

Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

I further certify that I am authorized under 30 Texas Administrative Code § 305.44 to sign and submit this document, and can provide documentation in proof of such authorization upon request.

Signatory name	(typed	or printed):	Gerald Grijalva
----------------	--------	--------------	-----------------

Signatory title: General Manager

Signature: Land Land	Date: 6-25-7024	
(Use blue ink)		

Subscribed and Sworn to	before me by the said <u>Corald</u>	Grijalva
on this $25^{4}$	day of June	, 20 24.

My commission expires on the  $1/1^{\frac{1}{12}}$  day of  $\frac{1}{12}$  day of  $\frac{1}{12}$  day of  $\frac{1}{12}$ 

Notary Public

ALFONSO ATILANO
Notary Public, State of Texas
Comm. Expires 06-11-2028
Notary ID 11340550

[SEAL]

County, Texas

#### DOMESTIC WASTEWATER PERMIT APPLICATION **ADMINISTRATIVE REPORT 1.0**

The following information is required for new and amendment applications.

#### Section 1. Affected Landowner Information (Instructions Page 36)

A.		cate by a check mark that the landowners map or drawing, with scale, includes the owing information, as applicable:
	$\boxtimes$	The applicant's property boundaries
	X	The facility site boundaries within the applicant's property boundaries
		The distance the buffer zone falls into adjacent properties and the property boundaries of the landowners located within the buffer zone
		The property boundaries of all landowners surrounding the applicant's property (Note: if the application is a major amendment for a lignite mine, the map must include the property boundaries of all landowners adjacent to the new facility (ponds).)
	$\boxtimes$	The point(s) of discharge and highlighted discharge route(s) clearly shown for one mile downstream
		The property boundaries of the landowners located on both sides of the discharge route for one full stream mile downstream of the point of discharge
		The property boundaries of the landowners along the watercourse for a one-half mile radius from the point of discharge if the point of discharge is into a lake, bay, estuary, or affected by tides
		The boundaries of the effluent disposal site (for example, irrigation area or subsurface drainfield site) and all evaporation/holding ponds within the applicant's property
		The property boundaries of all landowners surrounding the effluent disposal site
		The boundaries of the sludge land application site (for land application of sewage sludge for beneficial use) and the property boundaries of landowners surrounding the applicant's property boundaries where the sewage sludge land application site is located
		The property boundaries of landowners within one-half mile in all directions from the applicant's property boundaries where the sewage sludge disposal site (for example, sludge surface disposal site or sludge monofill) is located
В.		Indicate by a check mark that a separate list with the landowners' names and mailing resses cross-referenced to the landowner's map has been provided.
C.	Indi	cate by a check mark in which format the landowners list is submitted:
		☐ USB Drive ☐ Four sets of labels
D.	Prov	ide the source of the landowners' names and mailing addresses: Click to enter text.
		equired by <i>Texas Water Code § 5.115</i> , is any permanent school fund land affected by application?
		□ Yes ⊠ No

Ω			, provide the location and foreseeable impacts and effects this application has on the
	lan		):
	N/	A	
	ED		
		×	
6	-		
56	ectio	on	2. Original Photographs (Instructions Page 38)
Pr in	ovide form	e o ati	riginal ground level photographs. Indicate with checkmarks that the following on is provided.
	$\boxtimes$	Α	t least one original photograph of the new or expanded treatment unit location
		d a e	It least two photographs of the existing/proposed point of discharge and as much area lownstream (photo 1) and upstream (photo 2) as can be captured. If the discharge is to n open water body (e.g., lake, bay), the point of discharge should be in the right or left dge of each photograph showing the open water and with as much area on each espective side of the discharge as can be captured.
	$\boxtimes$	A	t least one photograph of the existing/proposed effluent disposal site
	$\boxtimes$	A	plot plan or map showing the location and direction of each photograph
Se	ectio	on	3. Buffer Zone Map (Instructions Page 38)
A.	info	rm	zone map. Provide a buffer zone map on $8.5 \times 11$ -inch paper with all of the following nation. The applicant's property line and the buffer zone line may be distinguished by dashes or symbols and appropriate labels.
	9	0	The applicant's property boundary; The required buffer zone; and Each treatment unit; and The distance from each treatment unit to the property boundaries.
В.	Buff Che	fer ck	zone compliance method. Indicate how the buffer zone requirements will be met. all that apply.
		$\boxtimes$	Ownership
	I		Restrictive easement
	Ī		Nuisance odor control
	[		Variance
C.			able site characteristics. Does the facility comply with the requirements regarding able site characteristic found in 30 TAC § 309.13(a) through (d)?
	[		Yes 🛛 No

## DOMESTIC WASTEWATER PERMIT APPLICATION SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

This form applies to TPDES permit applications only. Complete and attach the Supplemental Permit information Form (SPIF) (TCEQ Form 20971).

Attachment: Click to enter text.

#### WATER QUALITY PERMIT

#### PAYMENT SUBMITTAL FORM

#### Use this form to submit the Application Fee, if the mailing the payment.

- Complete items 1 through 5 below.
- Staple the check or money order in the space provided at the bottom of this document.
- Do Not mail this form with the application form.
- Do not mail this form to the same address as the application.
- Do not submit a copy of the application with this form as it could cause duplicate permit entries.

#### Mail this form and the check or money order to:

BY REGULAR U.S. MAIL

Texas Commission on Environmental Quality Financial Administration Division Cashier's Office, MC-214 P.O. Box 13088

Austin, Texas 78711-3088

Fee Code: WOP Waste Permit No: Click to enter text.

- 1. Check or Money Order Number: Click to enter text.
- 2. Check or Money Order Amount: Click to enter text.
- 3. Date of Check or Money Order: Click to enter text.
- 4. Name on Check or Money Order: Click to enter text.
- 5. APPLICATION INFORMATION

Name of Project or Site: Click to enter text.

Physical Address of Project or Site: Click to enter text.

If the check is for more than one application, attach a list which includes the name of each Project or Site (RE) and Physical Address, exactly as provided on the application.

#### Staple Check or Money Order in This Space

BY OVERNIGHT/EXPRESS MAIL

Texas Commission on Environmental Quality Financial Administration Division Cashier's Office, MC-214 12100 Park 35 Circle

Austin, Texas 78753

#### **ATTACHMENT 1**

#### INDIVIDUAL INFORMATION

#### Section 1. Individual Information (Instructions Page 41)

Complete this attachment if the facility applicant or co-applicant is an individual. Make additional copies of this attachment if both are individuals.

Prefix (Mr., Ms., Miss): Click to enter text.

Full legal name (Last Name, First Name, Middle Initial): Click to enter text.

Driver's License or State Identification Number: Click to enter text.

Date of Birth: Click to enter text.

Mailing Address: Click to enter text.

City, State, and Zip Code: Click to enter text.

Phone Number: Click to enter text. Fax Number: Click to enter text.

E-mail Address: Click to enter text.

CN: Click to enter text.

#### For Commission Use Only:

**Customer Number:** 

Regulated Entity Number:

Permit Number:

### DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

Below is a list of common deficiencies found during the administrative review of domestic wastewater permit applications. To ensure the timely processing of this application, please review the items below and indicate by checking Yes that each item is complete and in accordance applicable rules at 30 TAC Chapters 21, 281, and 305. If an item is not required this application, indicate by checking N/A where appropriate. Please do not submit the application until the items below have been addressed.

Core Data Form (TCEQ Form No. 10400) (Required for all application types. Must be completed in its entirety a Note: Form may be signed by applicant representative.)	ind s	igned.		Yes
Correct and Current Industrial Wastewater Permit Application Form (TCEQ Form Nos. 10053 and 10054. Version dated 6/25/2018 or late				Yes
Water Quality Permit Payment Submittal Form (Page 19) (Original payment sent to TCEQ Revenue Section. See instructions for	mai	iling add	□ dress	Yes
7.5 Minute USGS Quadrangle Topographic Map Attached (Full-size map if seeking "New" permit. 8 ½ x 11 acceptable for Renewals and Amendments)				Yes
Current/Non-Expired, Executed Lease Agreement or Easement		N/A		Yes
Landowners Map (See instructions for landowner requirements)	N/A		Yes	
<ul> <li>Things to Know:</li> <li>All the items shown on the map must be labeled.</li> <li>The applicant's complete property boundaries must be deboundaries of contiguous property owned by the applicant.</li> <li>The applicant cannot be its own adjacent landowner. You landowners immediately adjacent to their property, regard from the actual facility.</li> <li>If the applicant's property is adjacent to a road, creek, or son the opposite side must be identified. Although the propapplicant's property boundary, they are considered potent If the adjacent road is a divided highway as identified on the map, the applicant does not have to identify the landowned the highway.</li> </ul>	t. mus lless strea perticially the U	t identi: of how m, the l es are n affecte (SGS top	fy the far	e they are owners djacent to adowners. aphic
Landowners Cross Reference List (See instructions for landowner requirements)		N/A		Yes
Landowners Labels or USB Drive attached (See instructions for landowner requirements)		N/A		Yes
Original signature per 30 TAC § 305.44 - Blue Ink Preferred If signature page is not signed by an elected official or principle exec a copy of signature authority/delegation letter must be attached)	utive	officer		Yes
Plain Language Summary				Yes

TCEQ-10053 (01/09/2024) Domestic Wastewater Permit Application Administrative Report

Page 17 of 17

## TCEQ – 10400 TCEQ CORE DATA FORM



#### **TCEQ Core Data Form**

TCEQ Use Only

For detailed instructions regarding completion of this form, please read the Core Data Form Instructions or call 512-239-5175.

		neral Inforn		1 OI tills	ionn, pieas	se read	the C	ore Data	Form instruction	s or call 512-	239-5175.
1		ssion (If other is	- 10				. ,		21 24 3		
		stration or Authori		_			_	_	program applicat	ion.)	1 4
		Data Form should		with the	renewal f	orm)		Other			
Z. Customer	Kereren	ce Number <i>(if iss</i>	uea)		w this link to V or RN nur		3.	Regulat	ed Entity Refere	nce Number	(if issued)
<b>CN</b> 600	63039	6			entral Regis		<b>RN</b> 10	1185676			
<b>ECTION</b>	II: Cu	stomer Info	rmation	er.					= 1	2	
4. General C	ustomer	Information	5. Effective	Date f	or Custom	er Info	rmati	on Upda	tes (mm/dd/yyyy	)	
☐ New Cus		ame (Verifiable wit			to Custom						Entity Ownership
										•	d active with the
		of State (SOS)									
		ıme (If an individua							ustomer, enter pre	vious Custom	ner below:
Low	er Va	lley Wate	r Distr	rict							
7. TX SOS/C	PA Filing	Number	8. TX State	Tax ID	(11 digits)			9. Fede	ral Tax ID (9 digits)	10. DUN	S Number (if applicable)
11. Type of 0	Customer	: 🗷 Corporati	on		☐ Indiv	ridual		Pa	artnership: 🔲 Ger	eral 🔲 Limited	
Government:	☐ City 🔀	County 🔲 Federal 🗆	State 🔲 Othe	er	☐ Sole	Proprie	torsh	ip   [	Other:		
12. Number of Employees   13. Independently Owned and Operated?   21-100   № 101-250   251-500   501 and higher   Yes   № No											
14. Custome	r Role (P	roposed or Actual) -	- as it relates to	the Reg	ulated Entit	y listed c	n this	form. Ple	ase check one of th	e following:	
Owner Occupatio	nal Licens	☐ Opera	tor nsible Party		Owner  Volunt			Applican	t		
	15.	57 FM RD	1110								
15. Mailing Address:											
Address.	City	Clint		St	ate	ГХ	ZIP	7	9836	ZIP+4	
16. Country	Mailing Ir	nformation (if outsi	de USA)			17.	E-Mai	il Addres	SS (if applicable)	-11	
							dhe	ernan	dez@lvwd.	org	
18. Telephone Number 19. Extension or Code 20. Fax Number (if applicable)						ble)					
(915)791- 4480											
ECTION	III: R	egulated En	tity Info	rmati	on						
						selecte	d belo	ow this fo	rm should be acc	omnanied hy	a permit application
☐ New Regu									d Entity Information		= porms approunding
		ity Name sub			odated i	_	_				dards (removal
		ame (Enter name o				n is takir	ng plad	ce.)			
Cuadri	illa 1	WWTP									

23. Street Address of	34	11 Cuadri	lla Rd	-	81.0			
the Regulated Entity:								
(No PO Boxes)	City	Clint	State	TX	ZIP	79836	ZIP + 4	
24. County				F 1/ 8			12	
NA POLEMENS.	En	ter Physical Lo	cation Descripti	on if no st	reet addres:	s is provided.	The Total	1 1 Jan
25. Description to Physical Location:							about 0.1	5 miles.
26. Nearest City	H			7	-	State	Ne	arest ZIP Code
City of Sa	an Eliza:	rio			-	TX	7	9849
27. Latitude (N) In D	ecimal:	- 1		28	3. Longitude	(W) In Decir	nal:	
Degrees	Minutes		Seconds		grees	Minute	es	Seconds
31	3	2	2.76	340	106		11 ×	54.70
29. Primary SIC Code	(4 digits) 30.	Secondary SIC	Code (4 digits)	31. Pri	mary NAICS		32. Secondary NA (5 or 6 digits)	AICS Code
33. What is the Prima	ry Business of	this entity? (E	o not repeat the SIC	or NAICS des	scription.)			
		Municipa	l Solid V	Waste				
34. Mailing	1	557 FM R	D 1110					
Address:	City	Clint	State	TX	ZIP	7983	6 ZIP + 4	
35. E-Mail Addre		dhernan	dez@lvwd.	ora			211 1 4	
	phone Number		37. Extens			38 Fav	Number (if appli	cahla)
	5)791 4480		1110			9011 UX	( ) -	odbioj
. TCEQ Programs and rm. See the Core Data For	ID Numbers Ch	neck all Programs	and write in the per	rmits/registra	ation numbers	that will be affect	ed by the updates s	ubmitted on this
Dam Safety	Districts	additional guidano	e.  Edwards Aqui	ifer	☐ Emissio	ns Inventory Air	☐ Industrial F	lazardous Waste
Jum Juloty						no mvontory Air		iazaidous vvasic
☐ Municipal Solid Waste	e □ New Sou	ırce Review Air	OSSF		Petroleu	ım Storage Tank	□PWS	
						otorago raint		
Sludge	☐ Storm W	/ater	☐ Title V Air		☐ Tires		☐ Used Oil	
☐ Voluntary Cleanup	■ Waste W	/ater	☐ Wastewater A	Vastewater Agriculture		Other:	Other:	
ECTION IV: PI	reparer Inf	formation					<u> </u>	
	aniel He			4	1 Title:	T.VWD =	Project E	nainear
7774			F N		1. Title:		rioject E	ngineer
2. Telephone Number	43. Ext./		. Fax Number		45. E-Mail A			
915 <b>)</b> 791- 4480	11:	10 (	(4)		aner	nandez@1	vwd.org	
ECTION V: At  By my signature below nature authority to submontified in field 39.	w, I certify, to th	ne best of my kno	owledge, that the ity specified in Se	informatio ection II, F	n provided in ield 6 and/or	this form is tru as required for	te and complete, a the updates to the	nd that I have ID numbers
ompany: Low	er Valle	y Water	District	Job Title	g: Gen	neral Ma	nager	
ame(In Print):		Grijalva		COD I ILLI		Phone:	915)791-	1120
ignature:	1	11 1					25-2024	7400

TCEQ-10400 (04/15) Page 2 of 2



#### TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

## PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

#### Plain Language Summary Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

Applicants should use this template to develop a plain language summary as required by <u>Title 30</u>, <u>Texas Administrative Code (30 TAC)</u>, <u>Chapter 39</u>, <u>Subchapter H</u>. Applicants may modify the template as necessary to accurately describe their facility as long as the summary includes the following information: (1) the function of the proposed plant or facility; (2) the expected output of the proposed plant or facility; (3) the expected pollutants that may be emitted or discharged by the proposed plant or facility; and (4) how the applicant will control those pollutants, so that the proposed plant will not have an adverse impact on human health or the environment.

Fill in the highlighted areas below to describe your facility and application in plain language. Instructions and examples are provided below. Make any other edits necessary to improve readability or grammar and to comply with the rule requirements.

If you are subject to the alternative language notice requirements in 30 TAC Section 39.426, you must provide a translated copy of the completed plain language summary in the appropriate alternative language as part of your application package. For your convenience, a Spanish template has been provided below.

#### ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS

#### **DOMESTIC WASTEWATER/STORMWATER**

The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 TAC Chapter 39. The information provided in this summary may change during the technical review of the application and is not a federal enforceable representation of the permit application.

The Lower Valley Water District, CN# 600630396 operates the Cuadrilla WWTP, RN101185676 (Formerly Cuadrilla Improvement, RN101185676, a Wastewater Treatment Plant. The Facility is located at 341 Cuadrilla Rd in Clint, Texas, El Paso County, Texas, 79836. The Lower Valley Water District is requesting a new TPDES permit for the discharge of treated effluent. Discharges from the facility are expected to contain BOD, CBOD, PH, COD, TSS, Ammonia-N,

Nitrate-N, Total Nitrogen, FOG, Phosphorous, Fecal Coliform, Dissolved Oxygen and Turbidity. X RN101185676

#### PLANTILLA EN ESPAÑOL PARA SOLICITUDES NUEVAS/RENOVACIONES/ ENMIENDAS DE TPDES o TLAP

#### AGUAS RESIDUALES DOMESTICAS /AGUAS PLUVIALES

El siguiente resumen se proporciona para esta solicitud de permiso de calidad del agua pendiente que está siendo revisada por la Comisión de Calidad Ambiental de Texas según lo requerido por el Capítulo 39 del Código Administrativo de Texas 30. La información proporcionada en este resumen puede cambiar durante la revisión técnica de la solicitud y no es una representación ejecutiva fedérale de la solicitud de permiso.

Lower Valley Water District, CN#600630396 opera la planta tratadora de Cuadrilla, RN 101185676. La planta esta localizada en el 341 de la calle Cuadrilla Rd, en Clint, TX, El Paso County, 79836. Lower Valley Water District esta solicitando un nuevo permiso de TPDES para descargar aguas residuales. Las descargas que la planta espera contener son BOD, CBOD, PH< COD, TSS, Amoniaco, Nitrato-N, Nitrogeno Total, Grasas, Aceites, Fosforo, Coliforme Fecal, Oxygeno Disuelto y Turbiedad. RN 101185676



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY **DOMESTIC WASTEWATER PERMIT APPLICATION**

#### **DOMESTIC TECHNICAL REPORT 1.0**

The Following Is Required For All Applications
Renewal, New, And Amendment

#### Section 1. Permitted or Proposed Flows (Instructions Page 51)

#### A. Existing/Interim I Phase

Design Flow (MGD): .005 MGD

2-Hr Peak Flow (MGD): .008 MGD

Estimated construction start date: 07/01/20 Estimated waste disposal start date: 04/30/24

#### **B.** Interim II Phase

Design Flow (MGD): .

2-Hr Peak Flow (MGD):

Estimated construction start date:

Estimated waste disposal start date:

#### C. Final Phase

Design Flow (MGD):

2-Hr Peak Flow (MGD):

Estimated construction start date:

Estimated waste disposal start date:

## FEB 1 2 2024 Water Quality Applications Trans

#### D. Current operating phase: N/A

Provide the startup date of the facility:  $\underline{N/A}$ 

#### Section 2. Treatment Process (Instructions Page 51)

#### A. Treatment process description

Provide a detailed description of the treatment process. Include the type of

treatment plant, mode of operation, and all treatment units. Start with the plant's head works and finish with the point of discharge. Include all sludge processing and drying units. If more than one phase exists or is proposed in the permit, a description of each phase must be provided. Process description:

A Bioclere® WWTP is used to treat the wastewater from the Cuadrilla Colonia Community in El Paso County, TX. The system consists of the following components in series: 10,000-gallon Primary/EQ settling tank, Two - 24/20 model Bioclere® Trickling Filter over Clarifier units operated in series, 5' diameter fiberglass vertical cylindrical lift station (1) tablet chlorinator, and (1) 20,000 gallon chlorine contact tank. The system shall be capable of treating the design daily wastewater flow with the following maximum influent characteristics. Sludge will not be processed on site, it will be picked up and hauled away.

Port or pipe diameter at the discharge point, in inches: 6

#### **B.** Treatment Units

In Table 1.0(1), provide the treatment unit type, the number of units, and dimensions (length, width, depth) of each treatment unit, accounting for *all* phases of operation.

Table 1.0(1) - Treatment Units

Treatment Unit Type	Number of	Dimensions (L x W x D)
	Units	
10,000 gal. FRP	1	29' 5 ¾ " x 10' (Cylindrical)
Primary Settling/flow		
eq. combo tank		
Trickling Filter over	1	19'8 x 12'6" (Cylindrical cone
clarifier - Bioclere®		shape)
Model 24/20 (Rough)		
Trickling Filter over	1	19'8 x 12'6" (Cylindrical cone
clarifier – Bioclere®		shape)
Model 24/20 (Fine)		
20,000 gallon	1	31' - 6 ½ " x 8'
Storage/Chlorine tank		

#### C. Process flow diagrams

Provide flow diagrams for the existing facilities and **each** proposed phase of construction.

Attachment: "Cuadrilla Flow Diagram"

#### Section 3. Site Drawing (Instructions Page 52)

Provide a site drawing for the facility that shows the following:

- The boundaries of the treatment facility;
- The boundaries of the area served by the treatment facility;
- If land disposal of effluent, the boundaries of the disposal site and all storage/holding ponds; and
- If sludge disposal is authorized in the permit, the boundaries of the land application or disposal site.

Attachment: REFER TO LARGE USGS MAP

Provide the name and a description of the area served by the treatment facility.

Cuadrilla Colonia, also known as "Cuadrilla Subdivision," a residential development along the US/Mexico Border in far southeast El Paso County, between the Town of Clint and the census designated area known as Fabens, along Socorro Road (FM258). This project provides wastewater treatment for 27 homes in this subdivision that were previously served by a failing WWTP.

#### Section 4. Unbuilt Phases (Instructions Page 52)

Section 4. Unbuilt Phases (instructions Page 52)
Is the application for a renewal of a permit that contains an unbuilt phase or
phases?
Yes □ No ⊠
If yes, does the existing permit contain a phase that has not been constructed within five years of being authorized by the TCEQ?  Yes □ No ⊠
If ves, provide a detailed discussion regarding the continued need for the

If yes, provide a detailed discussion regarding the continued need for the unbuilt phase. Failure to provide sufficient justification may result in the Executive Director recommending denial of the unbuilt phase or phases.

N/A
Section 5. Closure Plans (Instructions Page 53)
Have any treatment units been taken out of service permanently, or will any units be taken out of service in the next five years?  Yes ⊠ No ⊠
If yes, was a closure plan submitted to the TCEQ?
Yes □ No ⊠
If yes, provide a brief description of the closure and the date of plan approval
An previous WW packaged steel plant, installed in the late 1980's and abandoned by the Cuadrilla Improvement Corporation, was failing and no longer provided treatment to the community's wastewater. Therefore, the LVWD hired an engineering consultant to determine the swiftest and most affordable option and a replacement part was recommended.
Continue C. Downit Considir Downiyowayata (Instructions Dogs F2)
Section 6. Permit Specific Requirements (Instructions Page 53)
For applicants with an existing permit, check the <i>Other Requirements</i> or <i>Special Provisions</i> of the permit.
A. Summary transmittal
Have plans and specifications been approved for the existing facilities and each proposed phase? Yes $\square$ No $\boxtimes$
If yes, provide the date(s) of approval for each phase: $N/A$
Provide information, including dates, on any actions taken to meet a requirement or provision pertaining to the submission of a summary transmittal letter. Provide a copy of an approval letter from the TCEQ, if applicable.

N/A
B. Buffer zones
Have the buffer zone requirements been met? Yes $\boxtimes$ No $\boxtimes$
Provide information below, including dates, on any actions taken to meet the conditions of the buffer zone. If available, provide any new documentation relevant to maintaining the buffer zones.  LWVD is seeking a variance from the buffer zone requirements. There was an existing, failing plant that was replaced which was issued a permit in the past and nothing has changed since the installation of that plant. The land around the plant site was developed 50 years ago and there are no restrictions other that farmland around the plant site.
C. Other actions required by the current permit
Does the <i>Other Requirements</i> or <i>Special Provisions</i> section in the existing permit require submission of any other information or other required actions? Examples include Notification of Completion, progress reports, soil monitoring data, etc.  Yes $\square$ No $\boxtimes$
If yes, provide information below on the status of any actions taken to meet the conditions of an <i>Other Requirement</i> or <i>Special Provision</i> .
N/A
D. Grit and grease treatment
1. Acceptance of grit and grease waste
Does the facility have a grit and/or grease processing facility onsite that treats and decants or accepts transported loads of grit and grease waste that are discharged directly to the wastewater treatment plant prior to any treatment?  Yes $\square$ No $\boxtimes$

If No, stop here and continue with Subsection E. Stormwater Management.

2. Grit and grease processing
Describe below how the grit and grease waste is treated at the facility. In your description, include how and where the grit and grease is introduced to the treatment works and how it is separated or processed. Provide a flow diagram showing how grit and grease is processed at the facility.
N/A
3. Grit disposal
Does the facility have a Municipal Solid Waste (MSW) registration or permit for grit disposal? Yes $\square$ No $\boxtimes$
If No, contact the TCEQ Municipal Solid Waste team at 512-239-0000. Note: A registration or permit is required for grit disposal. Grit shall not be combined with treatment plant sludge. See the instruction booklet for additional information on grit disposal requirements and restrictions.
Describe the method of grit disposal.  N/A
4. Grease and decanted liquid disposal
Note: A registration or permit is required for grease disposal. Grease shall not be combined with treatment plant sludge. For more information, contact the TCEQ Municipal Solid Waste team at 512-239-0000.
Describe how the decant and grease are treated and disposed of after grit separation.
$\frac{N/A}{}$

# 1. Applicability Does the facility have a design flow of 1.0 MGD or greater in any phase? No 🗵 Yes 🗆 Does the facility have an approved pretreatment program, under 40 CFR Part 403? No 🗵 Yes □ If no to both of the above, then skip to Subsection F, Other Wastes Received. 2. MSGP coverage Is the stormwater runoff from the WWTP and dedicated lands for sewage disposal currently permitted under the TPDES Multi-Sector General Permit (MSGP), TXR050000? Yes □ No ⊠ If yes, please provide MSGP Authorization Number and skip to Subsection F, Other Wastes Received: TXR05 N/A or TXRNE If **no**, do you intend to seek coverage under TXR050000? Yes □ No 🗵 3. Conditional exclusion Alternatively, do you intend to apply for a conditional exclusion from permitting based TXR050000 (Multi Sector General Permit) Part II B.2 or TXR050000 (Multi Sector General Permit) Part V, Sector T 3(b)? No 🖂 Yes □ If yes, please explain below then proceed to Subsection F, Other Wastes Received: N/A 4. Existing coverage in individual permit

E. Stormwater management

Is your stormwater discharge currently permitted through this individual TPDES or TLAP permit? Yes $\square$ No $\boxtimes$
<b>If yes</b> , provide a description of stormwater runoff management practices at the site that are authorized in the wastewater permit then skip to Subsection F, Other Wastes Received.
N/A
5. Zero stormwater discharge
Do you intend to have no discharge of stormwater via use of evaporation or other means?
Yes □ No ⊠
If yes, explain below then skip to Subsection F. Other Wastes Received.  The site has been developed and adapted with on-site ponding facilities
capable of storing all stormwater. Ponding facilities were designed to hold a
1% rain event's worth of runoff.
Note: If there is a potential to discharge any stormwater to surface water in the state as the result of any storm event, then permit coverage is required under the MSGP or an individual discharge permit. This requirement applies to all areas of facilities with treatment plants or systems that treat, store, recycle, or reclaim domestic sewage, wastewater or sewage sludge (including dedicated lands for sewage sludge disposal located within the onsite property boundaries) that meet the applicability criteria of above. You have the option of obtaining coverage under the MSGP for direct discharges, (recommended), or obtaining coverage under this individual permit.
6. Request for coverage in individual permit
Are you requesting coverage of stormwater discharges associated with your treatment plant under this individual permit?

If yes, provide a description of stormwater runoff management practices at the site for which you are requesting authorization in this individual wastewater permit and describe whether you intend to comingle this discharge with your treated effluent or discharge it via a separate dedicated stormwater outfall. Please also indicate if you intend to divert stormwater to

No ⊠

Yes □

the treatment plant headworks and indirectly discharge it to water in the
state.
N/A
Note: Direct stormwater discharges to waters in the state authorized through this individual permit will require the development and implementation of a stormwater pollution prevention plan (SWPPP) and will be subject to additional monitoring and reporting requirements. Indirect discharges of stormwater via headworks recycling will require compliance with all individual permit requirements including 2-hour peak flow limitations. All stormwater discharge authorization requests will require additional information during the technical review of your application.
F. Discharges to the Lake Houston Watershed
Does the facility discharge in the Lake Houston watershed? Yes □ No ⊠
If yes, a Sewage Sludge Solids Management Plan is required. See Example 5 in the instructions.
G. Other wastes received including sludge from other WWTPs and septic waste
1. Acceptance of sludge from other WWTPs
Does the facility accept or will it accept sludge from other treatment plants at the facility site? Yes $\square$ No $\boxtimes$
If yes, attach sewage sludge solids management plan. See Example 5 of the instructions.
In addition, provide the date that the plant started accepting sludge or is anticipated to start accepting sludge, an estimate of monthly sludge acceptance (gallons or millions of gallons), an estimate of the $BOD_5$ concentration of the sludge, and the design $BOD_5$ concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

N/A	
Note: Permits may be requir	that accept sludge from other wastewater treatment plants red to have influent flow and organic loading monitoring.
2. Acceptai	nce of septic waste
Is the facility	accepting or will it accept septic waste?
Yes □	No ⊠
If yes, does	the facility have a Type V processing unit?
Yes □	No ⊠
If yes, does	the unit have a Municipal Solid Waste permit?
Yes □	No ⊠
estimate of an estimate BOD <sub>5</sub> concerthis information N/A	ptic waste, or is anticipated to start accepting septic waste, an monthly septic waste acceptance (gallons or millions of gallons), of the BOD <sub>5</sub> concentration of the septic waste, and the design attration of the influent from the collection system. Also note if ation has or has not changed since the last permit action.
	ts that accept sludge from other wastewater treatment plants aired to have influent flow and organic loading monitoring.
	nce of other wastes (not including septic, grease, grit, A, CERCLA or as discharged by IUs listed in eet 6)
	accepting or will it accept wastes that are not domestic in ding the categories listed above? No $\boxtimes$
estimate how of gallons), a	de the date that the plant started accepting the waste, an w much waste is accepted on a monthly basis (gallons or millions a description of the entities generating the waste, and any ang chemical or other physical characteristic of the waste. Also

note if this information ha	s or has no	ot change	ed since the	last pern	nit action.
Section 7. Pollutant Anal Page 58)	ysis of T	reated	Effluent (	Instruct	ions
Is the facility in operation? Yes $\boxtimes$ No $\square$					
If no, this section is not appli	cable. Pro	ceed to Se	ection 8.		
If yes, provide effluent analyst reatment facilities complete discharging filter backwash with Note: The sample date must be	Table 1.00 ater, com	(2). W <i>ate</i> plete Tab	r treatmen le 1.0(3).	t facilities	S
Table 1.0(2) - Pollutan	t Analvsis	for Was	tewater Tr	eatment l	Facilities
Pollutant	Average	Max	No. of	Sample	Sample
ronutant	Conc.	Conc.	Samples	Type	Date/Time
CBOD <sub>5</sub> , mg/l	18.7		1	Grab	04/06/23 09:30
Total Suspended Solids, mg/l	12.6		1	Grab	04/06/23 09:30
Ammonia Nitrogen, mg/l					
Nitrate Nitrogen, mg/l					
Total Kjeldahl Nitrogen, mg/l					
Sulfate, mg/l					
Chloride, mg/l					
Total Phosphorus, mg/l					
pH, standard units					
Dissolved Oxygen*, mg/l	1	1			

Chlorine Residual, mg/l

Pollutant	Average	Max	No. of	Sample	Sample
Tonutant	Conc.	Conc.	Samples	Туре	Date/Time
E.coli (CFU/100ml) freshwater	8.6		1	Grab	04/06/23
					09:30
Entercocci (CFU/100ml)					
saltwater					
Total Dissolved Solids, mg/l					
Electrical Conductivity,					
μmohs/cm, †					
Oil & Grease, mg/l					
Alkalinity (CaCO <sub>3</sub> )*, mg/l					

<sup>\*</sup>TPDES permits only

†TLAP permits only

Table 1.0(3) - Pollutant Analysis for Water Treatment Facilities

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
Total Suspended Solids, mg/l					
Total Dissolved Solids, mg/l					
pH, standard units					
Fluoride, mg/l					
Aluminum, mg/l					
Alkalinity (CaCO <sub>3</sub> ), mg/l					

# Section 8. Facility Operator (Instructions Page 60)

Facility Operator Name: <u>Alberto Hernandez-Bardan, P.E.</u>

Facility Operator's License Classification and Level: <u>Level D - WW Operator</u>

Facility Operator's License Number: <u>Not yet attained.</u>

# Section 9. Sewage Sludge Management and Disposal (Instructions **Page 60)**

### A. Sludge disposal method

Identify the current or anticipated sludge disposal method or methods from the following list. Check all that apply.

$\boxtimes$	Permitted landfill
$\boxtimes$	Permitted or Registered land application site for beneficial use
$\boxtimes$	Land application for beneficial use authorized in the wastewater permit
$\boxtimes$	Permitted sludge processing facility
	Marketing and distribution as authorized in the wastewater permit
	Composting as authorized in the wastewater permit
	Permitted surface disposal site (sludge monofill)
	Surface disposal site (sludge monofill) authorized in the wastewater
	permit
	Transported to another permitted wastewater treatment plant or permitted sludge processing facility. If you selected this method, a written statement or contractual agreement from the wastewater treatment plant or permitted sludge processing facility accepting the sludge must be included with this application.
	Other:
ID	Sludge dienosal site

### B. Sludge disposal site

Disposal site name: El Paso Landfill

TCEQ permit or registration number:  $\underline{\text{TBD}}$ 

County where disposal site is located:

C. Sludge transportation method		" read		
Method of transportation (truck, train, pipe, other): <u>TBD</u>				
Name of the hauler:				
Hauler registration number:				
Sludge is transported as a:				
Liquid □ semi-liquid □ se	emi-solid ⊠	solid 🗆		
Section 10. Permit Authorization (Instructions Page 60)	for Sewage Sl	udge Disposal		
A. Beneficial use authorization				
Does the existing permit include authorization sludge for beneficial use?  Yes □ No ☒	on for land appli	cation of sewage		
If yes, are you requesting to continue this at sludge for beneficial use? Yes □ No □	uthorization to la	nd apply sewage		
If yes, is the completed Application for Per Sewage Sludge (TCEQ Form No. 10451) atta the instructions for details)? Yes □ No □				
B. Sludge processing authorization				
Does the existing permit include authorization processing, storage or disposal options?	ion for any of the	following sludge		
Sludge Composting	Yes □	No ⊠		
Marketing and Distribution of sludge	Yes □	No ⊠		
Sludge Surface Disposal or Sludge Mono	ofill Yes □	No ⊠		
Temporary storage in sludge lagoons	Yes □	No ⊠		
If yes to any of the above sludge options an continue this authorization, is the complete <b>Application: Sewage Sludge Technical Rep</b> eattached to this permit application?  Yes □ No □	d Domestic Wast	ewater Permit		

Section 11. Sewage Sludge Lagoons (Instructions Page 61)
Does this facility include sewage sludge lagoons?
Yes □ No ⊠
If yes, complete the remainder of this section. If no, proceed to Section 12.
A. Location information
The following maps are required to be submitted as part of the application. For each map, provide the Attachment Number.  • Original General Highway (County) Map:
Attachment: Cuadrilla Street Map
<ul> <li>USDA Natural Resources Conservation Service Soil Map:</li> </ul>
Attachment: <u>USDA Soils Map</u>
<ul> <li>Federal Emergency Management Map:</li> </ul>
Attachment: FEMA Map Service Center Map
• Site map:
Attachment: Cuadrilla Packaged Wastewater Treatment Facility and Site
<u>Improvements.</u>
Discuss in a description if any of the following exist within the lagoon area.
Check all that apply.
Overlap a designated 100-year frequency flood plain
☐ Soils with flooding classification
□ Overlap an unstable area
□ Wetlands
□ Located less than 60 meters from a fault
None of the above
Attachment:
If a portion of the lagoon(s) is located within the 100-year frequency flood plain, provide the protective measures to be utilized including type and size of protective structures:

N/A
B. Temporary storage information
Provide the results for the pollutant screening of sludge lagoons. These result are in addition to pollutant results in Section 7 of Technical Report 1.0. Nitrate Nitrogen, $mg/kg$ : $N/A$
Total Kjeldahl Nitrogen, mg/kg:
Total Nitrogen (=nitrate nitrogen + TKN), mg/kg:
Phosphorus, mg/kg:
Potassium, mg/kg:
pH, standard units:
Ammonia Nitrogen mg/kg:
Arsenic:
Cadmium:
Chromium:
Copper:
Lead:
Mercury:
Molybdenum:
Nickel:
Selenium:
Zinc:
Total PCBs:
Provide the following information:  Volume and frequency of sludge to the lagoon(s):
Total dry tons stored in the lagoons(s) per 365-day period:
Total dry tons stored in the lagoons(s) over the life of the unit:

## C. Liner information

Does the active/proposed sludge lagoon(s) have a liner with a maximum

hydraulic conductivity of $1x10^{-7}$ cm/sec? Yes $\square$ No $\square$
If yes, describe the liner below. Please note that a liner is required.
N/A
D. Site development plan
Provide a detailed description of the methods used to deposit sludge in the
lagoon(s):
N/A

Attach the following documents to the application.

Plan view and cross-section of the sludge lagoon(s)

#### Attachment:

Copy of the closure plan

#### Attachment:

• Copy of deed recordation for the site

#### Attachment:

 Size of the sludge lagoon(s) in surface acres and capacity in cubic feet and gallons

#### Attachment:

• Description of the method of controlling infiltration of groundwater and surface water from entering the site

#### Attachment:

Procedures to prevent the occurrence of nuisance conditions

#### Attachment:

### E. Groundwater monitoring

Is groundwater monitoring currently conducted at this site, or are any wells available for groundwater monitoring, or are groundwater monitoring data otherwise available for the sludge lagoon(s)?

Yes □ No □  If groundwater monitoring data are available, provide a copy. Provide a profile of soil types encountered down to the groundwater table and the depth to the shallowest groundwater as a separate attachment.  Attachment:
Section 12. Authorizations/Compliance/Enforcement (Instructions Page 63)
A. Additional authorizations
Does the permittee have additional authorizations for this facility, such as reuse authorization, sludge permit, etc? Yes $\square$ No $\boxtimes$
If yes, provide the TCEQ authorization number and description of the authorization:
N/A
B. Permittee enforcement status
Is the permittee currently under enforcement for this facility? Yes $\square$ No $\boxtimes$
Is the permittee required to meet an implementation schedule for compliance or enforcement? Yes $\square$ No $\boxtimes$
<b>If yes</b> to either question, provide a brief summary of the enforcement, the implementation schedule, and the current status:
N/A

# Section 13. RCRA/CERCLA Wastes (Instructions Page 63)

### A. RCRA hazardous wastes

Has the facility received in the past three years, does it currently receive, or will

it receive	RCRA	hazardous waste?
Yes □	No	$\boxtimes$

### B. Remediation activity wastewater

Has the facility received in the past three years, does it currently receive, or will it receive CERCLA wastewater, RCRA remediation/corrective action wastewater or other remediation activity wastewater?

Yes □ No ⊠

#### C. Details about wastes received

If yes to either Subsection A or B above, provide detailed information concerning these wastes with the application.

Attachment: N/A

#### Section 14. **Laboratory Accreditation (Instructions Page 64)**

All laboratory tests performed must meet the requirements of 30 TAC Chapter 25, Environmental Testing Laboratory Accreditation and Certification, which includes the following general exemptions from National Environmental Laboratory Accreditation Program (NELAP) certification requirements:

- The laboratory is an in-house laboratory and is:
  - o periodically inspected by the TCEO; or
  - o located in another state and is accredited or inspected by that state: or
  - o performing work for another company with a unit located in the same site; or
  - o performing pro bono work for a governmental agency or charitable organization.
- The laboratory is accredited under federal law.
- The data are needed for emergency-response activities, and a laboratory accredited under the Texas Laboratory Accreditation Program is not
- The laboratory supplies data for which the TCEO does not offer accreditation.

The applicant should review 30 TAC Chapter 25 for specific requirements.

The following certification statement shall be signed and submitted with every application. See the Signature Page section in the Instructions, for a list of designated representatives who may sign the certification.

#### **CERTIFICATION:**

I certify that all laboratory tests submitted with this application meet the requirements of 30 TAC Chapter 25, Environmental Testing Laboratory Accreditation and Certification.

Printed Name: J. Ed Long, P.E.

Title: Chief Operations and Technical Officer

### DOMESTIC TECHNICAL REPORT 1.1

The following is required for new and amendment applications

## Section 1. Justification for Permit (Instructions Page 66)

#### A. Justification of permit need

Provide a detailed discussion regarding the need for any phase(s) not currently permitted. Failure to provide sufficient justification may result in the Executive Director recommending denial of the proposed phase(s) or permit.

This site was served by a packaged steel WWTP, installed in the late 1980's and owned and operated by the Cuadrilla Improvement Corporation. Once abandoned, the system fell into TCEO receivership to the Fabens Water Improvement District. For years, minimal O&M was provided. Eventurally, during the 83rd Legislature, HB3933 allowed LWVD to transfer Cuadrilla to its CCN. Since then, LVWD has seeked out a viable solution for the community and was able to provide a dependable, affordable option by replacing the obsolete WWTP with a new WWTP in 2020. Because LWDD did not have the approval from the El Paso County WID#1 (Irrigation district) to convey the treated effluent to the pre-designed discharge point at the Rio Grande, the highly treated effluent was tanked and hauled to a lift station and deposited there.

### B. Regionalization of facilities

Provide the following information concerning the potential for regionalization of domestic wastewater treatment facilities:

## 1. Municipally incorporated areas

If the applicant is a city, then Item 1 is not applicable. Proceed to Item 2 Utility CCN areas.

Is any portion of the proposed service area located in an incorporated city? Yes  $\square$  No  $\boxtimes$  Not Applicable  $\square$ 

If yes, within the city limits of: N/A

If yes, attach correspondence from the city.

Attachment:

If consent to provide service is available from the city, attach a justification for the proposed facility and a cost analysis of expenditures that includes the cost of connecting to the city versus the cost of the

proposed facility or expansion attached. Attachment: 2. Utility CCN areas Is any portion of the proposed service area located inside another utility's CCN area? Yes □ No 🗵 If ves, attach a justification for the proposed facility and a cost analysis of expenditures that includes the cost of connecting to the CCN facilities versus the cost of the proposed facility or expansion. Attachment: N/A 3. Nearby WWTPs or collection systems Are there any domestic permitted wastewater treatment facilities or collection systems located within a three-mile radius of the proposed facility? Yes □ No 🛛 If yes, attach a list of these facilities that includes the permittee's name and permit number, and an area map showing the location of these facilities. Attachment: N/A, approximately five miles away from site. If yes, attach copies of your certified letters to these facilities and their response letters concerning connection with their system. Attachment: Does a permitted domestic wastewater treatment facility or a collection system located within three (3) miles of the proposed facility currently have the capacity to accept or is willing to expand to accept the volume of wastewater proposed in this application? Yes □ No □ If yes, attach an analysis of expenditures required to connect to a permitted wastewater treatment facility or collection system located within 3 miles versus the cost of the proposed facility or expansion.

Attachment:

# Section 2. Organic Loading (Instructions Page 67)

Is this facility in operation? Yes  $\boxtimes$  No  $\square$ 

If no, proceed to Item B, Proposed Organic Loading.

If yes, provide organic loading information in Item A, Current Organic Loading

### A. Current organic loading

Facility Design Flow (flow being requested in application): .008 mgd

Average Influent Organic Strength or BOD<sub>5</sub> Concentration in mg/l: 250

Average Influent Loading (lbs/day = total average flow X average  $BOD_5$  conc. X 8.34):

Provide the source of the average organic strength or BOD	5 concentration.

### B. Proposed organic loading

This table must be completed if this application is for a facility that is not in operation or if this application is to request an increased flow that will impact organic loading.

Table 1.1(1) - Design Organic Loading

Source	Total Average Flow (MGD)	Influent BOD <sub>5</sub> Concentration (mg/l)
Municipality	N/A	
Subdivision	.005	250
Trailer park - transient	N/A	
Mobile home park	N/A	
School with cafeteria	N/A	

Source	Total Average Flow (MGD)	Influent BOD <sub>5</sub> Concentration (mg/l)	
and showers			
School with cafeteria, no showers	N/A		
Recreational park, overnight use	N/A		
Recreational park, day use	N/A		
Office building or factory	N/A		
Motel	N/A		
Restaurant	N/A		
Hospital	N/A		
Nursing home	N/A		
Other	Phase 1005 MGD /Phase II02 MGD	250 mg/L BOD	
TOTAL FLOW from all sources	Phase 1005 MGD /Phase II02 MGD		
AVERAGE BOD <sub>5</sub> from all sources		250 mg/L BOD	

# Section 3. Proposed Effluent Quality and Disinfection (Instructions Page 68)

# A. Existing/Interim I Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l:  $\leq$ 20 mg/L

Total Suspended Solids, mg/l: <20 mg/L

Ammonia Nitrogen, mg/l: $\leq 12 \text{ mg/L}$				
Total Phosphorus, mg/l:				
Dissolved Oxygen, $mg/l$ : $\ge 3 mg/L$				
Other: <u>TKN -</u>				
B. Interim II Phase Design Effluent Quality				
Biochemical Oxygen Demand (5-day), mg/l:				
Total Suspended Solids, mg/l:				
Ammonia Nitrogen, mg/l:				
Total Phosphorus, mg/l:				
Dissolved Oxygen, mg/l: <u>L</u>				
Other:				
C. Final Phase Design Effluent Quality				
Biochemical Oxygen Demand (5-day), mg/l: <20 mg/L				
Total Suspended Solids, mg/l: <20 mg/L				
Ammonia Nitrogen, mg/l: <12 mg/L				
Total Phosphorus, mg/l: -				
Dissolved Oxygen, mg/l: >3 mg/L				
Other:				
D. Disinfection Method				
Identify the proposed method of disinfection.				
☐ Chlorine: .499 mg/l after 15 minutes detention time at peak flow				
Dechlorination process: <u>N/A</u>				
☐ Ultraviolet Light: seconds contact time at peak flow				
□ Other:				

# Section 4. Design Calculations (Instructions Page 68)

Attach design calculations and plant features for each proposed phase. Example 4 of the instructions includes sample design calculations and plant features.

### Attachment: AquaPoint Bioclere Wastewater Treatment System

# Section 5. Facility Site (Instructions Page 68)

A. 100-year floodplain				
Will the proposed facilities be located <u>above</u> the 100-year frequency flood level?				
Yes □ No ⊠				
If <b>no</b> , describe measures used to protect the facility during a flood event. Include a site map showing the location of the treatment plant within the 100-year frequency flood level. If applicable, provide the size and types of protective structures.				
WWTP will be installed partially above ground with a berm made of backfill and stone to offer some elevation. In addition, all PLCs and screens will be placed at least 4 feet above the ground to help protect the equipment as well as equipped with GFCI electrical outlets for additional protection.				
Provide the source(s) used to determine 100-year frequency flood plain.				
FEMA MSC viewer and FEMA Flood Hazard Layer GIS information.				
For a new or expansion of a facility, will a wetland or part of a wetland be filled?				
Yes □ No ⊠				
If yes, has the applicant applied for a US Corps of Engineers 404 Dredge and Fill Permit?  Yes □ No □				
If yes, provide the permit number: $N/A$				
<b>If no,</b> provide the approximate date you anticipate submitting your application to the Corps:				
B. Wind rose				
Attach a wind rose. Attachment:				

# Section 6. Permit Authorization for Sewage Sludge Disposal

### (Instructions Page 69)

#### A. Beneficial use authorization

Are you requesting to include authorization to land apply sewage sludge for beneficial use on property located adjacent to the wastewater treatment facility under the wastewater permit?

Yes □ No ⊠

If yes, attach the completed Application for Permit for Beneficial Land Use of Sewage Sludge (TCEQ Form No. 10451)

Attachment: N/A

#### B. Sludge processing authorization

Identify the sludge processing, storage or disposal options that will be conducted at the wastewater treatment facility:

- □ Sludge Composting
- ☐ Marketing and Distribution of sludge
- □ Sludge Surface Disposal or Sludge Monofill

If any of the above sludge options are selected, attach a completed DOMESTIC WASTEWATER PERMIT APPLICATION: SEWAGE SLUDGE TECHNICAL REPORT (TCEO Form No. 10056).

Attachment:

# Section 7. Sewage Sludge Solids Management Plan (Instructions Page 69)

Attach a solids management plan to the application.

Attachment: N/A

The sewage sludge solids management plan must contain the following information:

- Treatment units and processes dimensions and capacities
- Solids generated at 100, 75, 50, and 25 percent of design flow
- Mixed liquor suspended solids operating range at design and projected actual flow
- Quantity of solids to be removed and a schedule for solids removal
- Identification and ownership of the ultimate sludge disposal site
- For facultative lagoons, design life calculations, monitoring well locations and depths, and the ultimate disposal method for the sludge from the facultative lagoon

An example of a sewage sludge solids management plan has been included as

Example 5 of the instructions.

# DOMESTIC TECHNICAL REPORT WORKSHEET 2.0

### **RECEIVING WATERS**

The following is required for all TPDES permit applications

				THE RESERVE OF THE PERSON NAMED IN	>
	mestic Drinking	TATALAN C	(Ire others others a	Dogo	<b>-49 X</b>
				1 202 107 237	
-01	10 6 7 642 7 6 7 600 BY 00 0 0 1 7 0 0 6 5				

Is there a surface water intake for domestic drinking water supply located within 5 miles downstream from the point or proposed point of discharge?  Yes $\square$ No $\boxtimes$
<b>If yes</b> , provide the following: Owner of the drinking water supply: <u>N/A</u>
Distance and direction to the intake:
Attach a USGS map that identifies the location of the intake.
Attachment:
Section 2. Discharge into Tidally Affected Waters (Instructions Page 73)
Does the facility discharge into tidally affected waters?
Yes □ No ⊠
If yes, complete the remainder of this section. If no, proceed to Section 3.
A. Receiving water outfall
Width of the receiving water at the outfall, in feet: $N/A$
B. Oyster waters
Are there oyster waters in the vicinity of the discharge?
Yes □ No □
If yes, provide the distance and direction from outfall(s).

Page 29 of 80

C. 5	Sea grasses				
Are there any sea grasses within the vicinity of the point of discharge?					
	Yes □ No □				
If y	es, provide the distance and direction from the outfall(s).				
Sectio	n 3. Classified Segments (Instructions Page 73)				
Is the d	lischarge directly into (or within 300 feet of) a classified segment?				
	Yes □ No ⊠				
If yes,	this Worksheet is complete.				
If no, c	omplete Sections 4 and 5 of this Worksheet.				
Coatio					
secuo (1	n 4. Description of Immediate Receiving Waters Instructions Page 75)				
	ne of the immediate receiving waters: <u>N/A</u>				
	eceiving water type				
	ntify the appropriate description of the receiving waters.				
$\boxtimes$	Stream				
	Freshwater Swamp or Marsh				
	Lake or Pond				
	Surface area, in acres:				
	Average depth of the entire water body, in feet:				
	Average depth of water body within a 500-foot radius of discharge point, in feet:				
	Man-made Channel or Ditch				
	Open Bay				

□ Tidal Stream, Bayou, or Marsh				
☑ Other, specify: Mostly dry USIBWC ROW (Rio Grande)				
B. Flow characteristics				
If a stream, man-made channel or ditch was checked above, provide the following. For existing discharges, check one of the following that best characterizes the area <i>upstream</i> of the discharge. For new discharges, characterize the area <i>downstream</i> of the discharge (check one).   Intermittent - dry for at least one week during most years				
Intermittent with Perennial Pools - enduring pools with sufficient habitat to maintain significant aquatic life uses				
□ Perennial - normally flowing				
Check the method used to characterize the area upstream (or downstream for new dischargers).  ☐ USGS flow records				
⋈ Historical observation by adjacent landowners				
□ Personal observation				
□ Other, specify:				
C. Downstream perennial confluences				
List the names of all perennial streams that join the receiving water within three miles downstream of the discharge point.				
None				
D. Downstream characteristics				
Do the receiving water characteristics change within three miles downstream of the discharge (e.g., natural or man-made dams, ponds, reservoirs, etc.)? Yes $\square$ No $\boxtimes$				
If yes, discuss how.				

			(		
E. N	Normal dry weather chara	cteristi	cs		
Provide conditi		ne wate	r body during normal dry weather		
		d dry w	reather, the River is dry and sandy.		
Date ar	nd time of observation: <u>06</u> /	/24/202	22		
Was th	e water body influenced by	storm	water runoff during observations?		
	Yes □ No ⊠				
	on 5. General Character Page 74)	ristics	of the Waterbody (Instructions		
A. U	Jpstream influences				
Is the immediate receiving water upstream of the discharge or proposed discharge site influenced by any of the following? Check all that apply.					
	Oil field activities		Urban runoff		
	Upstream discharges	$\boxtimes$	Agricultural runoff		
	Septic tanks		Other(s), specify <u>UN/A</u>		
B. Waterbody uses					
	red or evidences of the foll	owing u	ises. Check all that apply.		
	Livestock watering		Contact recreation		
$\boxtimes$	Irrigation withdrawal		Non-contact recreation		
	Fishing		Navigation		

	Domestic water supply		Industrial water supply
	Park activities		Other(s), specify $N/A$
C. W	Vaterbody aesthetics		
	ck one of the following that eiving water and the surroun		describes the aesthetics of the area.
	Wilderness: outstanding nat area; water clarity exception		beauty; usually wooded or unpastured
$\boxtimes$			re vegetation; some development dwellings); water clarity discolored
	Common Setting: not offens be colored or turbid	sive;	developed but uncluttered; water may
	Offensive: stream does not developed; dumping areas		ance aesthetics; cluttered; highly er discolored

### **DOMESTIC WORKSHEET 2.1**

#### STREAM PHYSICAL CHARACTERISTICS

# Required for new applications, major facilities, and applications adding an outfall

Worksheet 2.1 is not required for discharges to intermittent streams or discharges directly to (or within 300 feet of) a classified segment.

#### **Stream transects**

In the table below, provide the following information for each transect downstream of the existing or proposed discharges. Use a separate row for each transect.

Table 2.1(1) - Stream Transect Records

Stream type at transect Select riffle, run, glide, or pool. See Instructions, Definitions section.	Transect location	Water surface width (ft)	Stream depths (ft)  at 4 to 10 points along each transect from the channel bed to the water surface. Separate the measurements with commas.
	At end of proposed WWTP	10	1, 1.5, 1.5, 3.0, 2.5, 3.0
	100 feet down the natural small canal.	15	3.0, 3.5, 3.0, 2.5
	350 feet down the small canal.	15	2.0, 2.5, 2.5, 3.0
	Approx. 1000 feet down the small canal.	15	4.0, 3.0, 2.5, 3.0, 4.0
W-145			
***			

# Section 3. Summarize Measurements (Instructions Page 76)

Streambed slope of entire reach, from USGS map in feet/feet: 1d/4

Approximate drainage area above the most downstream transect (from USGS map or county highway map, in square miles): 1.1

Length of stream evaluated, in feet: 1000

Number of lateral transects made: 4

Average stream width, in feet: 20

Average stream depth, in feet: 2.5

Average stream velocity, in feet/second: 15 ft/second

Instantaneous stream flow, in cubic feet/second: N/A

Indicate flow measurement method (type of meter, floating chip timed over a

fixed distance, etc.): <u>Calculation used</u>, not enough water to measure

Size of pools (large, small, moderate, none): <u>none</u>

Maximum pool depth, in feet: .5 feet

### DOMESTIC WORKSHEET 3.0

#### LAND DISPOSAL OF EFFLUENT

# The following is required for all permit applications Renewal, New, and Amendments

# Section 1. Type of Disposal System (Instructions Page 77)

ldent	ify the method of land dispos	sal:	
	Surface application		Subsurface application
	Irrigation		Subsurface soils absorption
	Drip irrigation system		Subsurface area drip dispersal system
	Evaporation		
	Evapotranspiration beds		
	Other (describe in detail):		
	E: All applicants without au urface disposal MUST compl		ization or proposing new/amended and submit Worksheet 7.0.
For e	xisting authorizations, provid	de Re	gistration Number: <u>N/A</u>

# Section 2. Land Application Site(s) (Instructions Page 77)

In table 3.0(1), provide the requested information for the land application sites. Include the agricultural or cover crop type (wheat, cotton, alfalfa, bermuda grass, native grasses, etc.), land use (golf course, hayland, pastureland, park, row crop, etc.), irrigation area, amount of effluent applied, and whether or not the public has access to the area. Specify the amount of land area and the amount of effluent that will be allotted to each agricultural or cover crop, if more than one crop will be used.

Table 3.0(1) - Land Application Site Crops

	Irrigation	Effluent	Public
Crop Type & Land Use	Area	Application	Access?
	(acres)	(GPD)	Y/N
N/A			

	Irrigation	Effluent	Public
Crop Type & Land Use	Area	Application	Access?
	(acres)	(GPD)	Y/N

# Section 3. Storage and Evaporation Lagoons/Ponds (Instructions Page 77)

# Table 3.0(2) - Storage and Evaporation Ponds

Pond Number	Surface Area (acres)	Storage Volume (acre-feet)	Dimensions	Liner Type

Attach a copy of a liner certification that was prepared, signed, and sealed by a Texas licensed professional engineer for each pond.

Attachment: N/A

# Section 4. Flood and Runoff Protection (Instructions Page 77)

Is the land application	site <u>within</u> the 100-year frequency flood level?	
Yes □	No ⊠	

If yes, describe how the site will be protected from inundation.

•		
NI / A		
<u>N/A</u>		

Provide the source used to determine the 100-year frequency flood level:

Provide a description of tailwater controls and rainfall run-on controls used for the land application site.

### Section 5. Annual Cropping Plan (Instructions Page 77)

Attach an Annual Cropping Plan which includes a discussion of each of the following items. If not applicable, provide a detailed explanation indicating why.

Attachment: N/A

- Soils map with crops
- Cool and warm season plant species
- Crop yield goals
- Crop growing season
- Crop nutrient requirements
- Additional fertilizer requirements
- Minimum/maximum harvest height (for grass crops)
- Supplemental watering requirements
- Crop salt tolerances
- Harvesting method/number of harvests
- Justification for not removing existing vegetation to be irrigated

# Section 6. Well and Map Information (Instructions Page 78)

Attach a USGS map with the following information shown and labeled. If not applicable, provide a detailed explanation (on a separate page) indicating why.

Attachment: N/A

- The boundaries of the land application site(s)
- Waste disposal or treatment facility site(s)

- On-site buildings
- Buffer zones
- Effluent storage and tailwater control facilities
- All water wells within 1 mile of the disposal site or property boundaries
- All springs and seeps onsite and within 500 feet of the property boundaries
- All surface waters in the state onsite and within 500 feet of the property boundaries
- All faults and sinkholes onsite and within 500 feet of the property

List and cross reference all water wells shown on the USGS map in the following table. Attach additional pages as necessary to include all of the wells.

Table 3.0(3) - Water Well Data

Well ID	Well Use	Producing? Y/N	Open, cased, capped, or plugged?	Proposed Best Management Practice
N/A				

If water quality data or well log information is available please include the information in an attachment listed by Well ID.

#### Attachment:

# Section 7. Groundwater Quality (Instructions Page 79)

Attach a Groundwater Quality Technical Report which assesses the impact of the wastewater disposal system on groundwater. This report shall include an evaluation of the water wells (including the information in the well table provided in Item 6. above), the wastewater application rate, and pond liners. Indicate by a check mark that this report is provided.

Attachment: N/A

Are groundwater monitoring wells available onsite? Yes □ No ☒

Do you plan to install ground water monitoring wells or lysimeters around the land application site? Yes □ No ☒

If yes, then provide the proposed location of the monitoring wells or lysimeters on a site map.

#### Attachment:

# Section 8. Soil Map and Soil Analyses (Instructions Page 79)

#### A. Soil map

Attach a USDA Soil Survey map that shows the area to be used for effluent disposal.

Attachment: N/A

### B. Soil analyses

Attach the laboratory results sheets from the soil analyses. **Note**: for renewal applications, the current annual soil analyses required by the permit are acceptable as long as the test date is less than one year prior to the submission of the application.

Attachment: N/A

List all USDA designated soil series on the proposed land application site. Attach additional pages as necessary.

#### Table 3.0(4) - Soil Data

	Depth		Available	Curve
Soil Series	from	Permeability	Water	Number
	Surface		Capacity	

# Section 9. Effluent Monitoring Data (Instructions Page 80)

Is the	e facility in	n operation?
	Yes □	No ⊠

If **no**, this section is not applicable and the worksheet is complete.

If yes, provide the effluent monitoring data for the parameters regulated in the existing permit. If a parameter is not regulated in the existing permit, enter N/A.

Table 3.0(5) - Effluent Monitoring Data

Date	30 Day Avg Flow MGD	BOD <sub>5</sub>	TSS mg/l	рН	Chlorine Residual mg/l	Acres irrigated

Date	30 Day Avg Flow MGD	BOD <sub>5</sub>	TSS mg/l	рН	Chlorine Residual mg/l	Acres irrigated
ovide a disc	ussion of a	ll persis	tent exc	ursions	above the pe	ermitted limits a
ny corrective	actions ta	ken.				

### **DOMESTIC WORKSHEET 3.1**

### SURFACE LAND DISPOSAL OF EFFLUENT

The following is required for new and major amendment applications.

Renewal and minor amendments applicants may be asked for the worksheet on a case by case basis.

## Section 1. Surface Disposal (Instructions Page 81)

Complete the item that applies for the method of disposal being used.

### A. Irrigation

Area under irrigation, in acres: N/A

Design application frequency:

hours/day And days/week

Land grade (slope):

average percent (%):

maximum percent (%):

Design application rate in acre-feet/acre/year:

Design total nitrogen loading rate, in lbs N/acre/year:

Soil conductivity (mmhos/cm):

Method of application:

Attach a separate engineering report with the water balance and storage volume calculations, method of application, irrigation efficiency, and nitrogen balance.

Attachment:

### B. Evaporation ponds

Daily average effluent flow into ponds, in gallons per day: N/A

Attach a separate engineering report with the water balance and storage volume calculations.

Attachment:

### C. Evapotranspiration beds

Number of beds: N/A

Area of bed(s), in acres:

Depth of bed(s), in feet:

Void ratio of soil in the beds:

Storage volume within the beds, in acre-feet:

Attach a separate engineering report with the water balance and storage volume calculations, and a description of the lining.

Attachment:

### D. Overland flow

Area used for application, in acres: N/A

Slopes for application area, percent (%):

Design application rate, in gpm/foot of slope width:

Slope length, in feet:

Design BOD<sub>5</sub> loading rate, in lbs BOD<sub>5</sub>/acre/day:

Design application frequency:

hours/day: \_ And days/week:

Attach a separate engineering report with the method of application and design requirements according to *30 TAC Chapter 217*.

Attachment: N/A

## Section 2. Edwards Aquifer (Instructions Page 82)

Is the facility subject to 30 TAC Chapter 213, Edwards Aquifer Rules?

Yes □ No ⊠

If yes, attach a report concerning the recharge zone.

Attachment: N/A

### **DOMESTIC WORKSHEET 3.2**

### SUBSURFACE LAND DISPOSAL OF EFFLUENT

The following is required for new and major amendment applications.

Renewal and minor amendments may require the worksheet on a case by case basis.

NOTE: All applicants proposing new/amended subsurface disposal MUST complete and submit Worksheet 7.0. This worksheet applies to any subsurface disposal system that does not meet the definition of a subsurface area drip dispersal system as defined in 30 TAC Chapter 222, Subsurface Area Drip Dispersal System.

## Section 1. Subsurface Application (Instructions Page 83)

### Soil Classification:

Attach a separate engineering report with the information required in 30 TAC § 309.20, excluding the requirements of § 309.20 b(3)(A) and (B) design analysis which may be asked for on a case by case basis. Include a description of the schedule of dosing basin rotation.

Attachment:

# Section 2. Edwards Aquifer (Instructions Page 83)

Cuon 2. Luwarus Aquiter (instructions rage 03)				
Is the subsurface system located on the Edwards Aquifer Recharge Zone as mapped by the TCEQ? Yes $\square$ No $\boxtimes$				
Is the subsurface system located on the Edwards Aquifer Transition Zone as mapped by the TCEQ? Yes $\square$ No $\boxtimes$				
Yes □ No ⊠  If yes to either question, the subsurface system may be prohibited by 30 TAC §213.8. Please call the Municipal Permits Team, at 512-239-4671, to schedule a pre-application meeting.				

### **DOMESTIC WORKSHEET 3.3**

# SUBSURFACE AREA DRIP DISPERSAL SYSTEM (SADDS) LAND DISPOSAL **OF EFFLUENT**

The following is required for new and major amendment subsurface area drip dispersal system applications. Renewal and minor amendments may require the worksheet on a case by case basis.

NOTE: All applicants proposing new or amended subsurface disposal MUST complete and submit Worksheet 7.0. This worksheet applies to any subsurface disposal system that meets the definition of a

	subsurface area drip dispersal system as defined in 30 TAC Chapter 222, Subsurface Area Drip Dispersal System.
Se	ction 1. Administrative Information (Instructions Page 84)
A.	Provide the legal name of all corporations or other business entities managed, owned, or otherwise closely related to the owner of the treatment facility.
	<u>N/A</u>
В.	Is the owner of the land where the treatment facility is located the same as the owner of the treatment facility?
	Yes ⊠ No □
	If <b>no</b> , provide the legal name of all corporations or other business entities managed, owned, or otherwise closely related to the owner of the land where the treatment facility is located.
	<u>N/A</u>
C.	Owner of the subsurface area drip dispersal system:
	<u>N/A</u>
D.	Is the owner of the subsurface area drip dispersal system the same as the owner of the wastewater treatment facility or the site where the wastewater treatment facility is located?
	Yes □ No □
	If <b>no</b> , identify the names of all corporations or other business entities managed, owned, or otherwise closely related to the entity identified in Item 1.C.
	<u>N/A</u>
	EQ-10054 (06/01/2017) Page 48 of 80

E.	Owner of the land where the subsurface area drip dispersal system is located:
	<u>N/A</u>
F.	Is the owner of the land where the subsurface area drip dispersal system is located the same as owner of the wastewater treatment facility, the site where the wastewater treatment facility is located, or the owner of the subsurface area drip dispersal system?
	Yes □ No □
	If <b>no</b> , identify the name of all corporations or other business entities managed, owned, or otherwise closely related to the entity identified in item 1.E.
Sa	ction 2. Subsurface Area Drip Dispersal System (Instructions
30	Page 84)
	A. Type of system
	☐ Subsurface Drip Irrigation
	Substitute Dip Highton
	☐ Surface Drip Irrigation
	$\square$ Other, specify: <u>N/A</u>
	B. Irrigation operations
	Application area, in acres:
	Infiltration Rate, in inches/hour:
	Average slope of the application area, percent (%):
	Maximum slope of the application area, percent (%):
	Storage volume, in gallons:
	Major soil series:
	Depth to groundwater, in feet:
	C. Application rate

Is the facility located **west** of the boundary shown in *30 TAC § 222.83* **and** also using a vegetative cover of non-native grasses over seeded with cool season grasses during the winter months (October-March)?

Yes □	No □
If yes, then the fexceed 0.1 gal/se	acility may propose a hydraulic application rate not to quare foot/day.
	rated <b>east</b> of the boundary shown in 30 TAC § 222.83 <b>or</b> in tate when the vegetative cover is any crop other than non-
Yes □ N	о 🗆
	y must use the formula in 30 TAC §222.83 to calculate the ulic application rate.
	ubmit an alternative method to calculate the hydraulic for approval by the executive director?  No   No
Hydraulic applic	ation rate, in gal/square foot/day:
Nitrogen applica	tion rate, in lbs/gal/day:
D. Dosing inform	nation
Number of dose	s per day:
Dosing duration	per area, in hours:
Rest period betw	veen doses, in hours:
Dosing amount p	per area, in inches/day:
Number of zone	s:
Does the propos cover as a crop?	ed subsurface drip irrigation system use tree vegetative
Yes □ N	о 🗆
	vegetation survey by a certified arborist. Please call the ssessment Team at (512) 239-4671 to schedule a preting.
Attachn	nent:

# Section 3. Required Plans (Instructions Page 84)

## A. Recharge feature plan

Attach a Recharge Feature Plan with all information required in  $30\ TAC$ 

§222.79.

Attachment:

### B. Soil evaluation

Attach a Soil Evaluation with all information required in 30 TAC §222.73.

Attachment:

### C. Site preparation plan

Attach a Site Preparation Plan with all information required in *30 TAC §222.75*.

Attachment:

### D. Soil sampling/testing

Attach soil sampling and testing that includes all information required in 30 TAC §222.157.

Attachment:

# Section 4. Floodway Designation (Instructions Page 85)

### A. Site location

Is the existing/proposed land application site within a designated floodway?

Yes □ No ⊠

### B. Flood map

Attach either the FEMA flood map or alternate information used to determine the floodway.

Attachment: N/A

# Section 5. Surface Waters in the State (Instructions Page 85)

### A. Buffer Map

Attach a map showing appropriate buffers on surface waters in the state, water wells, and springs/seeps.

Attachment: N/A

### B. Buffer variance request

Do you plan to request a buffer variance from water wells or waters in the state?

Yes  $\square$  No  $\boxtimes$ If yes, then attach the additional information required in 30 TAC § 222.81(c).

Attachment:

# Section 6. Edwards Aquifer (Instructions Page 85)

A.	Is the SADDS located the TCEQ?	on the Edwards Aquifer Recharge Zone as mapped by
	Yes □	No ⊠
В.	Is the SADDS located the TCEQ?	on the Edwards Aquifer Transition Zone as mapped by
	Yes □	No ⊠

**If yes to either question**, then the SADDS may be prohibited by *30 TAC §213.8*. Please call the Municipal Permits Team at 512-239-4671 to schedule a pre-application meeting.

### **DOMESTIC WORKSHEET 4.0**

### POLLUTANT ANALYSES REQUIREMENTS\*

The following is required for facilities with a permitted or proposed flow of 1.0 MGD or greater, facilities with an approved pretreatment program, or facilities classified as a major facility. See instructions for further details.

This worksheet is not required for minor amendments without renewal

# Section 1. Toxic Pollutants (Instructions Page 87)

For pollutants iden	tified in Table $4.0(1)$ , indicate the type of sample.
Grab □	Composite □
Date and time sam	ple(s) collected: <u>N/A</u>

Table 4.0(1) - Toxics Analysis

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (μg/l)	Number of Samples	MAL (μg/l)
Acrylonitrile				50
Aldrin				0.01
Aluminum				2.5
Anthracene				10
Antimony				5
Arsenic				0.5
Barium				3
Benzene				10
Benzidine				50
Benzo(a)anthracene				5

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (μg/l)
Benzo(a)pyrene				5
Bis(2-chloroethyl)ether				10
Bis(2-ethylhexyl)phthalate				10
Bromodichloromethane				10
Bromoform				10
Cadmium				1
Carbon Tetrachloride				2
Carbaryl				5
Chlordane*				0.2
Chlorobenzene				10
Chlorodibromomethane				10
Chloroform				10
Chlorpyrifos				0.05
Chromium (Total)				3
Chromium (Tri) (*1)				N/A
Chromium (Hex)				3
Copper				2
Chrysene				5
p-Chloro-m-Cresol				10
4,6-Dinitro-o-Cresol				50
p-Cresol				10

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (μg/l)
Cyanide (*2)				10
4,4'- DDD				0.1
4,4'- DDE				0.1
4,4'- DDT				0.02
2,4-D				0.7
Demeton (O and S)				0.20
Diazinon				0.5/0.1
1,2-Dibromoethane				10
m-Dichlorobenzene				10
o-Dichlorobenzene				10
p-Dichlorobenzene				10
3,3'-Dichlorobenzidine				5
1,2-Dichloroethane				10
1,1-Dichloroethylene				10
Dichloromethane				20
1,2-Dichloropropane				10
1,3-Dichloropropene				10
Dicofol				1
Dieldrin				0.02
2,4-Dimethylphenol				10
Di-n-Butyl Phthalate				10

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (μg/l)	Number of Samples	MAL (μg/l)
Diuron				0.09
Endosulfan I (alpha)				0.01
Endosulfan II (beta)				0.02
Endosulfan Sulfate				0.1
Endrin				0.02
Ethylbenzene				10
Fluoride				500
Guthion				0.1
Heptachlor				0.01
Heptachlor Epoxide				0.01
Hexachlorobenzene				5
Hexachlorobutadiene				10
Hexachlorocyclohexane (alpha)				0.05
Hexachlorocyclohexane (beta)				0.05
gamma-Hexachlorocyclohexane				0.05
(Lindane)				
Hexachlorocyclopentadiene				10
Hexachloroethane				20
Hexachlorophene				10
Lead				0.5
Malathion				0.1

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (μg/l)	Number of Samples	MAL (μg/l)
Mercury				0.005
Methoxychlor				2
Methyl Ethyl Ketone				50
Mirex				0.02
Nickel				2
Nitrate-Nitrogen				100
Nitrobenzene				10
N-Nitrosodiethylamine				20
N-Nitroso-di-n-Butylamine				20
Nonylphenol				333
Parathion (ethyl)				0.1
Pentachlorobenzene				20
Pentachlorophenol				5
Phenanthrene				10
Polychlorinated Biphenyls (PCB's) (*3)				0.2
Pyridine				20
Selenium				5
Silver				0.5
1,2,4,5-Tetrachlorobenzene				20
1,1,2,2-Tetrachloroethane				10

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (μg/l)
Tetrachloroethylene				10
Thallium				0.5
Toluene				10
Toxaphene				0.3
2,4,5-TP (Silvex)				0.3
Tributyltin (see instructions for explanation)				0.01
1,1,1-Trichloroethane				10
1,1,2-Trichloroethane				10
Trichloroethylene				10
2,4,5-Trichlorophenol				50
TTHM (Total Trihalomethanes)				10
Vinyl Chloride				10
Zinc				5

<sup>(\*1)</sup> Determined by subtracting hexavalent Cr from total Cr.

<sup>(\*2)</sup> Cyanide, amenable to chlorination or weak-acid dissociable.

<sup>(\*3)</sup> The sum of seven PCB congeners 1242, 1254, 1221, 1232, 1248, 1260, and 1016.

# Section 2. Priority Pollutants

For pollutants identified in Tables 4.0(2)A-E, indicate type of sample.

Grab □ Composite □

Date and time sample(s) collected:

Table 4.0(2)A - Metals, Cyanide, Phenols

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Antimony				5
Arsenic				0.5
Beryllium				0.5
Cadmium				1
Chromium (Total)				3
Chromium (Hex)				3
Chromium (Tri) (*1)				N/A
Copper				2
Lead				0.5
Mercury				0.005
Nickel				2
Selenium				5
Silver				0.5
Thallium				0.5
Zinc				5
Cyanide (*2)				10
Phenols, Total				10

<sup>(\*1)</sup> Determined by subtracting hexavalent Cr from total Cr.

(\*2) Cyanide, amenable to chlorination or weak-acid dissociable

Table 4.0(2)B - Volatile Compounds

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (μg/l)
Acrolein				50
Acrylonitrile				50
Benzene				10
Bromoform				10
Carbon Tetrachloride				2
Chlorobenzene				10
Chlorodibromomethane				10
Chloroethane				50
2-Chloroethylvinyl Ether	And the same of th			10
Chloroform				10
Dichlorobromomethane				
[Bromodichloromethane]				10
1,1-Dichloroethane				10
1,2-Dichloroethane				10
1,1-Dichloroethylene				10
1,2-Dichloropropane				10
1,3-Dichloropropylene				
[1,3-Dichloropropene]				10
1,2-Trans-Dichloroethylene				10
Ethylbenzene				10
Methyl Bromide				50
Methyl Chloride				50
Methylene Chloride				20
1,1,2,2-Tetrachloroethane				10
Tetrachloroethylene				10

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Toluene				10
1,1,1-Trichloroethane				10
1,1,2-Trichloroethane				10
Trichloroethylene				10
Vinyl Chloride				10

# Table 4.0(2)C - Acid Compounds

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
2-Chlorophenol				10
2,4-Dichlorophenol				10
2,4-Dimethylphenol				10
4,6-Dinitro-o-Cresol				50
2,4-Dinitrophenol				50
2-Nitrophenol				20
4-Nitrophenol				50
P-Chloro-m-Cresol				10
Pentalchlorophenol				5
Phenol				10
2,4,6-Trichlorophenol				10

Table 4.0(2)D - Base/Neutral Compounds

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Acenaphthene				10
Acenaphthylene				10
Anthracene				10
Benzidine				50
Benzo(a)Anthracene				5
Benzo(a)Pyrene				5
3,4-Benzofluoranthene				10
Benzo(ghi)Perylene				20
Benzo(k)Fluoranthene				5
Bis(2-Chloroethoxy)Methane				10
Bis(2-Chloroethyl)Ether				10
Bis(2-Chloroisopropyl)Ether				10
Bis(2-Ethylhexyl)Phthalate				10
4-Bromophenyl Phenyl Ether				10
Butyl benzyl Phthalate				10
2-Chloronaphthalene				10
4-Chlorophenyl phenyl ether				10
Chrysene				5
Dibenzo(a,h)Anthracene				5
1,2-(o)Dichlorobenzene				10
1,3-(m)Dichlorobenzene				10
1,4-(p)Dichlorobenzene				10
3,3-Dichlorobenzidine				5
Diethyl Phthalate				10
Dimethyl Phthalate				10

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Di-n-Butyl Phthalate				10
2,4-Dinitrotoluene				10
2,6-Dinitrotoluene				10
Di-n-Octyl Phthalate				10
1,2-Diphenylhydrazine (as Azo-				
benzene)				20
Fluoranthene				10
Fluorene				10
Hexachlorobenzene				5
Hexachlorobutadiene				10
Hexachlorocyclo-pentadiene				10
Hexachloroethane				20
Indeno(1,2,3-cd)pyrene				5
Isophorone				10
Naphthalene				10
Nitrobenzene				10
N-Nitrosodimethylamine				50
N-Nitrosodi-n-Propylamine				20
N-Nitrosodiphenylamine				20
Phenanthrene				10
Pyrene				10
1,2,4-Trichlorobenzene				10

Table 4.0(2)E - Pesticides

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Aldrin				0.01
alpha-BHC				
(Hexachlorocyclohexane)				0.05
beta-BHC				
(Hexachlorocyclohexane)				0.05
gamma-BHC				
(Hexachlorocyclohexane)				0.05
delta-BHC				
(Hexachlorocyclohexane)				0.05
Chlordane				0.2
4,4-DDT				0.02
4,4-DDE				0.1
4,4,-DDD				0.1
Dieldrin				0.02
Endosulfan I (alpha)				0.01
Endosulfan II (beta)				0.02
Endosulfan Sulfate				0.1
Endrin				0.02
Endrin Aldehyde				0.1
Heptachlor				0.01
Heptachlor Epoxide				0.01
PCB-1242				0.2
PCB-1254				0.2
PCB-1221				0.2
PCB-1232				0.2

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
PCB-1248				0.2
PCB-1260				0.2
PCB-1016				0.2
Toxaphene				0.3

<sup>\*</sup> For PCBS, if all are non-detects, enter the highest non-detect preceded by a "<".

# Section 3. Dioxin/Furan Compounds

Indicate which of the following compounds from may be present in the influent from a contributing industrial user or significant industrial user. Check all that apply.
2,4,5-trichlorophenoxy acetic acid Common Name 2,4,5-T, CASRN 93-76-5
2-(2,4,5-trichlorophenoxy) propanoic acid Common Name Silvex or 2,4,5-TP, CASRN 93-72-1
2-(2,4,5-trichlorophenoxy) ethyl 2,2-dichloropropionate Common Name Erbon, CASRN 136-25-4
0,0-dimethyl 0-(2,4,5-trichlorophenyl) phosphorothioate Common Name Ronnel, CASRN 299-84-3
2,4,5-trichlorophenol Common Name TCP, CASRN 95-95-4
hexachlorophene Common Name HCP, CASRN 70-30-4
For each compound identified, provide a brief description of the conditions of its/their presence at the facility.

B. Do you know or have any reason to believe that 2,3,7,8 Tetrachlorodibenzo-P-Dioxin (TCDD) or any congeners of TCDD may be present in your effluent?						
Yes □ No □						
If <b>yes</b> , provide a brief description of the conditions for its presence.						
If any of the compounds in Subsection A ${\bf or}$ B are present, complete Table 4.0(2)F.						
For pollutants identified in Table 4.0(2)F, indicate the type of sample.						
Grab □ Composite □						
Date and time sample(s) collected:						

TABLE 4.0(2)F - DIOXIN/FURAN COMPOUNDS

Compound	Toxic Equivalency Factors	Wastewater Concentration (ppq)	Wastewater Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Equivalents (ppt)	MAL (ppq)
2,3,7,8 TCDD	1					10
1,2,3,7,8	0.5					50
2,3,7,8 HxCDDs	0.1					50
1,2,3,4,6,7,8 HpCDD	0.01					50
2,3,7,8 TCDF	0.1					10
1,2,3,7,8 PeCDF	0.05					50
2,3,4,7,8 PeCDF	0.5					50
2,3,7,8 HxCDFs	0.1					50
2,3,4,7,8	0.01					50
OCDD	0.0003					100
OCDF	0.0003					100
PCB 77	0.0001					0.5
PCB 81	0.0003					0.5

Compound	Toxic Equivalency Factors	Wastewater Concentration (ppq)	Wastewater Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Equivalents (ppt)	MAL (ppq)
PCB 126	0.1					0.5
PCB 169	0.03					0.5
Total						

### **DOMESTIC WORKSHEET 5.0**

### TOXICITY TESTING REQUIREMENTS

The following is required for facilities with a currently-operating design flow greater than or equal to 1.0 MGD, with an EPA-approved pretreatment program (or those that are required to have one under 40 CFR Part 403), or are required by the TCEQ to perform Whole Effluent Toxicity testing. This worksheet is not required for minor amendments without renewal.

# Section 1. Required Tests (Instructions Page 97)

Indicate the number of 7-day chronic or 48-hour acute Whole Effluent Toxicity (WET) tests performed in the four and one-half years prior to submission of the application.

7-day Chronic: N/A 48-hour Acute:

## Section 2. Toxicity Reduction Evaluations (TREs)

Has this facility completed facility currently performing	a TRE in the past four and a half years? Or is the ng a TRE?
Yes □ No	
If yes, describe the progrest the toxicant.	ss to date, if applicable, in identifying and confirming

# **Section 3. Summary of WET Tests**

If the required biomonitoring test information has not been previously submitted via both the Discharge Monitoring Reports (DMRs) and the Table 1 (as found in the permit), provide a summary of the testing results for all valid and invalid tests performed over the past four and one-half years. Make additional copies of this table as needed.

Table 5.0(1) - Summary of WET Tests

Total Data	Test Cressies	NOEC Survival	NOEC Sub-
Test Date	Test Species	NOEC Survivai	lethal

# **DOMESTIC WORKSHEET 6.0**

# INDUSTRIAL WASTE CONTRIBUTION

The following is required for all publicly owned treatment works (POTWs)

# Section 1. All POTWs (Instructions Page 99)

### A. Industrial users

Provide the number of each of the following types of industrial users (IUs) that discharge to your POTW and the daily flows from each user. See the Instructions for definitions of Categorical IUs, Significant IUs – non-categorical, and Other IUs.

ind Other 10s.
If there are no users, enter 0 (zero).
Categorical IUs:
Number of IUs: <u>N/A</u>
Average Daily Flows, in MGD:
Significant IUs – non-categorical:
Number of IUs:
Average Daily Flows, in MGD:
Other IUs:
Number of IUs:
Average Daily Flows, in MGD:
B. Treatment plant interference
In the past three years, has your POTW experienced treatment plant interference (see instructions)?
Yes □ No □
If yes, identify the dates, duration, description of interference, and probable cause(s) and possible source(s) of each interference event. Include the names of the IUs that may have caused the interference.
the IUS that may have caused the interference.

C. Treatment plant pass through
In the past three years, has your POTW experienced pass through (see instructions)?
Yes □ No □
If yes, identify the dates, duration, a description of the pollutants passing through the treatment plant, and probable cause(s) and possible source(s) of each pass through event. Include the names of the IUs that may have caused pass through.
D. Pretreatment program
Does your POTW have an approved pretreatment program?  Yes □ No □
If yes, complete Section 2 only of this Worksheet.
Is your POTW required to develop an approved pretreatment program? Yes $\square$ No $\square$
If yes, complete Section 2.c. and 2.d. only, and skip Section 3.
<b>If no to either question above</b> , skip Section 2 and complete Section 3 for each significant industrial user and categorical industrial user.
Section 2. POTWs with Approved Programs or Those Required to Develop a Program (Instructions Page 100)
A. Substantial modifications
Have there been any <b>substantial modifications</b> to the approved pretreatment program that have not been submitted to the TCEQ for approval according to 40 CFR §403.18?
Yes □ No ⊠
If yes, identify the modifications that have not been submitted to TCEQ, including the purpose of the modification.

UN/A				
B. Non-subs	tantial modificatio	ons		
	any <b>non-substant</b> ogram that have n			
Yes	□ No □			
	ll non-substantial ing the purpose of			en submitted
C. Effluent p	oarameters above	the MAL		
	list all parameters ring during the las			
	Table 6.0(1) -	- Parameters A	bove the MAL	
Pollutant	Concentration	MAL	Units	Date

D. industrial user interruptions
Has any SIU, CIU, or other IU caused or contributed to any problems (excluding interferences or pass throughs) at your POTW in the past three years?
Yes □ No □
If yes, identify the industry, describe each episode, including dates, duration, description of the problems, and probable pollutants.
Section 3. Significant Industrial User (SIU) Information and Categorical Industrial User (CIU) (Instructions Page 100)
A. General information
Company Name:
SIC Code:
Telephone number: Fax number:
Contact name:
Address:
City, State, and Zip Code:
B. Process information
Describe the industrial processes or other activities that affect or contribute to the SIU(s) or CIU(s) discharge (i.e., process and non-process wastewater).

# C. Product and service information

Provide a description of the principal product(s) or services performed.

D. Flow rate information
See the Instructions for definitions of "process" and "non-process wastewater."
Process Wastewater:
Discharge, in gallons/day:
Discharge Type: $\square$ Continuous $\square$ Batch $\square$ Intermittent
Non-Process Wastewater:
Discharge, in gallons/day:
Discharge Type: □ Continuous □ Batch □ Intermittent
E. Pretreatment standards
Is the SIU or CIU subject to technically based local limits as defined in the instructions?
Yes □ No □
Is the SIU or CIU subject to categorical pretreatment standards found in $40\ CFR$ Parts $405\text{-}471$ ?
Yes □ No □
If subject to categorical pretreatment standards, indicate the applicable category and subcategory for each categorical process.
Category: Subcategories:

TCEQ-10054 (06/01/2017) Domestic Wastewater Permit Application, Technical Reports

# Has the SIU or CIU caused or contributed to any problems (e.g., interferences, pass through, odors, corrosion, blockages) at your POTW in the past three years? Yes □ No □ If yes, identify the SIU, describe each episode, including dates, duration, description of problems, and probable pollutants.

F. Industrial user interruptions

# **WORKSHEET 7.0**

# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY CLASS V INJECTION WELL INVENTORY/AUTHORIZATION FORM

IUG Ra MC PO Au 51	CEQ IC Permits Team adioactive Materials Divis C-233 D Box 13087 ustin, Texas 78711-3087 12-239-6466	
-	ection 1. General Info	ormation (Instr
I.	TCEQ Program Area	
	Program Area (PST, VCI	P, IHW, etc.): <u>N/A</u>
	Program ID:	
	Contact Name:	
	Phone Number:	
2.	Agent/Consultant Cont	act Information
	Contact Name:	
	Address:	
	City, State, and Zip Cod	le:
	Phone Number:	
3.	Owner/Operator Conta	ct Information
	Owner □ O	perator □
	Owner/Operator Name	
	Contact Name:	
	Address:	
	City, State, and Zip Cod	le:
	Phone Number:	
4.	Facility Contact Inform	ation

Submit to:

For TCEQ Use Only	
Reg. No	-
Date Received	
Date Authorized	

# uctions Page 102)

1.	TCEQ Program Area
	Program Area (PST, VCP, IHW, etc.): <u>N/A</u>
	Program ID:
	Contact Name:
	Phone Number:
2.	Agent/Consultant Contact Information
	Contact Name:
	Address:
	City, State, and Zip Code:
	Phone Number:
3.	Owner/Operator Contact Information
	Owner □ Operator □
	Owner/Operator Name:
	Contact Name:
	Address:
	City, State, and Zip Code:
	Phone Number:
4.	Facility Contact Information

Facility Name:

	Address:					
	City, State, and Zip Code:					
	Location description (if no address is available):					
	Facility Contact Person:					
	Phone	Number:				
5.	Latitude and Longitude, in degrees-minutes-seconds					
	Latitude: Longitude:					
	Method of determination (GPS, TOPO, etc.):					
	Attach	topographic quadrangle map as attachment A.				
6.	Well Information					
	Type of Well Construction, select one:					
		Vertical Injection				
		Subsurface Fluid Distribution System				
		Infiltration Gallery				
		Temporary Injection Points				
		Other, Specify:				
	Numbe	er of Injection Wells:				
7.	Purpos	ee				
	Detaile	ed Description regarding purpose of Injection System:				
	Attach	a Site Map as Attachment B (Attach the Approved Remediation Plan,				
		opriate.)				
8.		Well Driller/Installer				
	Water '	Well Driller/Installer Name:				
	City, St	tate, and Zip Code:				
	Phone	Number:				

License Number:

# Section 2. Proposed Down Hole Design

Attach a diagram signed and sealed by a licensed engineer as Attachment C.

### Table 7.0(1) -Down Hole Design Table

Name of	Size	Setting	Sacks Cement/Grout -	Hole	Weight
String		Depth	Slurry Volume - Top of	Size	(lbs/ft)
			Cement		PVC/Steel
Casing					
Tubing					
Screen					

# Section 3. Proposed Trench System, Subsurface Fluid Distribution System, or Infiltration Gallery

Attach a diagram signed and sealed by a licensed engineer as Attachment D. System(s) Dimensions:

System(s) Construction:

Section 4.	Site Hvd	rogeologic	cal and In	iection ${\it Z}$	one Data
			SOUTH CATTOR THE		OTTO D'ALCA

1.	Name of Contaminated Aquifer:
2.	Receiving Formation Name of Injection Zone:
3.	Well/Trench Total Depth:
4.	Surface Elevation:
5.	Depth to Ground Water:
6.	Injection Zone Depth:
7.	Injection Zone vertically isolated geologically? Yes $\square$
	Impervious Strata between Injection Zone and nearest Underground
	Source of Drinking Water:
	Name:
	Thickness:

8. Provide a list of contaminants and the levels (ppm) in contaminated aquifer

Attach as Attachment E.

- 9. Horizontal and Vertical extent of contamination and injection plume

  Attach as Attachment F.
- **10.** Formation (Injection Zone) Water Chemistry (Background levels) TDS, etc. Attach as Attachment G.
- 11. Injection Fluid Chemistry in PPM at point of injection
  Attach as Attachment H.
- 12. Lowest Known Depth of Ground Water with < 10,000 PPM TDS:
- 13. Maximum injection Rate/Volume/Pressure:
- 14. Water wells within 1/4 mile radius (attach map as Attachment I):
- 15. Injection wells within 1/4 mile radius (attach map as Attachment J):
- **16.** Monitor wells within 1/4 mile radius (attach drillers logs and map as Attachment K):
- 17. Sampling frequency:
- 18. Known hazardous components in injection fluid:

#### Section 5. Site History

- 1. Type of Facility:
- 2. Contamination Dates:
- 3. Original Contamination (VOCs, TPH, BTEX, etc.) and Concentrations (attach as Attachment L):
- 4. Previous Remediation:

Attach results of any previous remediation as attachment M NOTE: Authorization Form should be completed in detail and authorization given by the TCEQ before construction, operation, and/or conversion can begin. Attach additional pages as necessary.

#### Class V Injection Well Designations

	Cluss Vinjection Well Designations
5A07	Heat Pump/AC return (IW used for groundwater to heat and/or cool
	buildings)
5A19	Industrial Cooling Water Return Flow (IW used to cool industrial process
	equipment)
5B22	Salt Water Intrusion Barrier (IW used to inject fluids to prevent the intrusion
	of salt water into an aquifer)
5D02	Storm Water Drainage (IW designed for the disposal of rain water)
5D04	Industrial Stormwater Drainage Wells (IW designed for the disposal of rain
	water associated with industrial facilities)
5F01	Agricultural Drainage (IW that receive agricultural runoff)
5R21	Aquifer Recharge (IW used to inject fluids to recharge an aquifer)
5 <b>S</b> 23	Subsidence Control Wells (IW used to control land subsidence caused by
	ground water withdrawal)
5W09	Untreated Sewage
5W10	Large Capacity Cesspools (Cesspools that are designed for 5,000 gpd or
	greater)
5W11	Large Capacity Septic systems (Septic systems designed for 5,000 gpd or
	greater)
5W12	WTTP disposal
5W20	Industrial Process Waste Disposal Wells
5W31	Septic System (Well Disposal method)
5W32	Septic System Drainfield Disposal
5X13	Mine Backfill (IW used to control subsidence, dispose of mining byproducts,
	and/or fill sections of a mine)
5X25	Experimental Wells (Pilot Test) (IW used to test new technologies or tracer
	dye studies)
5X26	Aquifer Remediation (IW used to clean up, treat, or prevent contamination of
	a USDW)
5X27	Other Wells
5X28	Motor Vehicle Waste Disposal Wells (IW used to dispose of waste from a
	motor vehicle site - These are currently banned)
5X29	Abandoned Drinking Water Wells (waste disposal)
J. 12 U	mand brinking mater ment (mater disposar)

# CUADRILLA PACKAGED CONSTRUCTION PLANS



# CUADRILLA PACKAGED WASTEWATER TREATMENT FACILITY AND SITE IMPROVEMENTS

LVWD BID # 19-0625-01

# PRESIDENT

**ROSALINDA VIGIL** 

# BOARD MEMBERS

HENRY TRUJILLO
DAVID CARRASCO
DAVID ESTRADA
ROD CHAVEZ

# GENERAL MANAGER

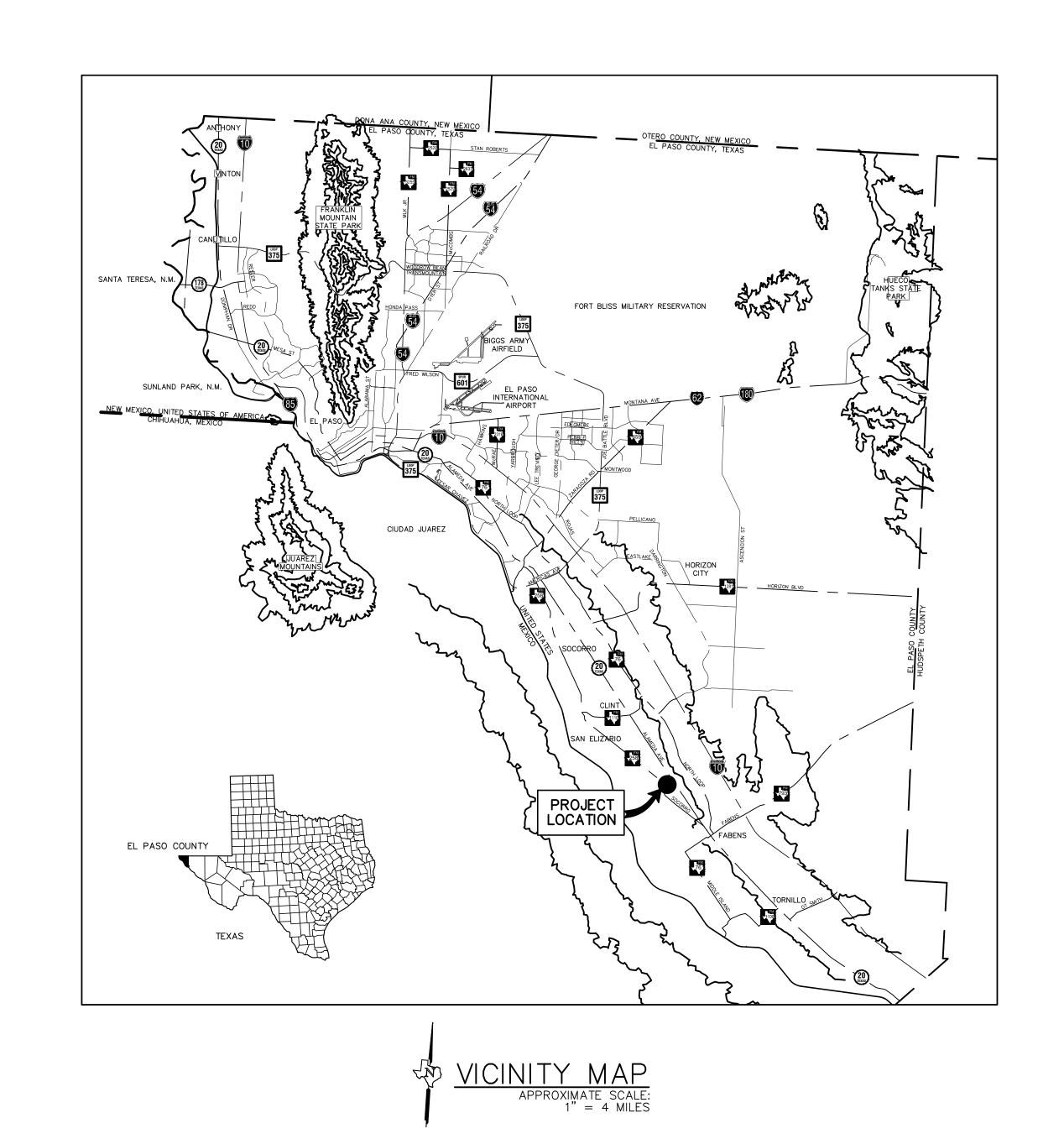
**GERALD GRIJALVA** 

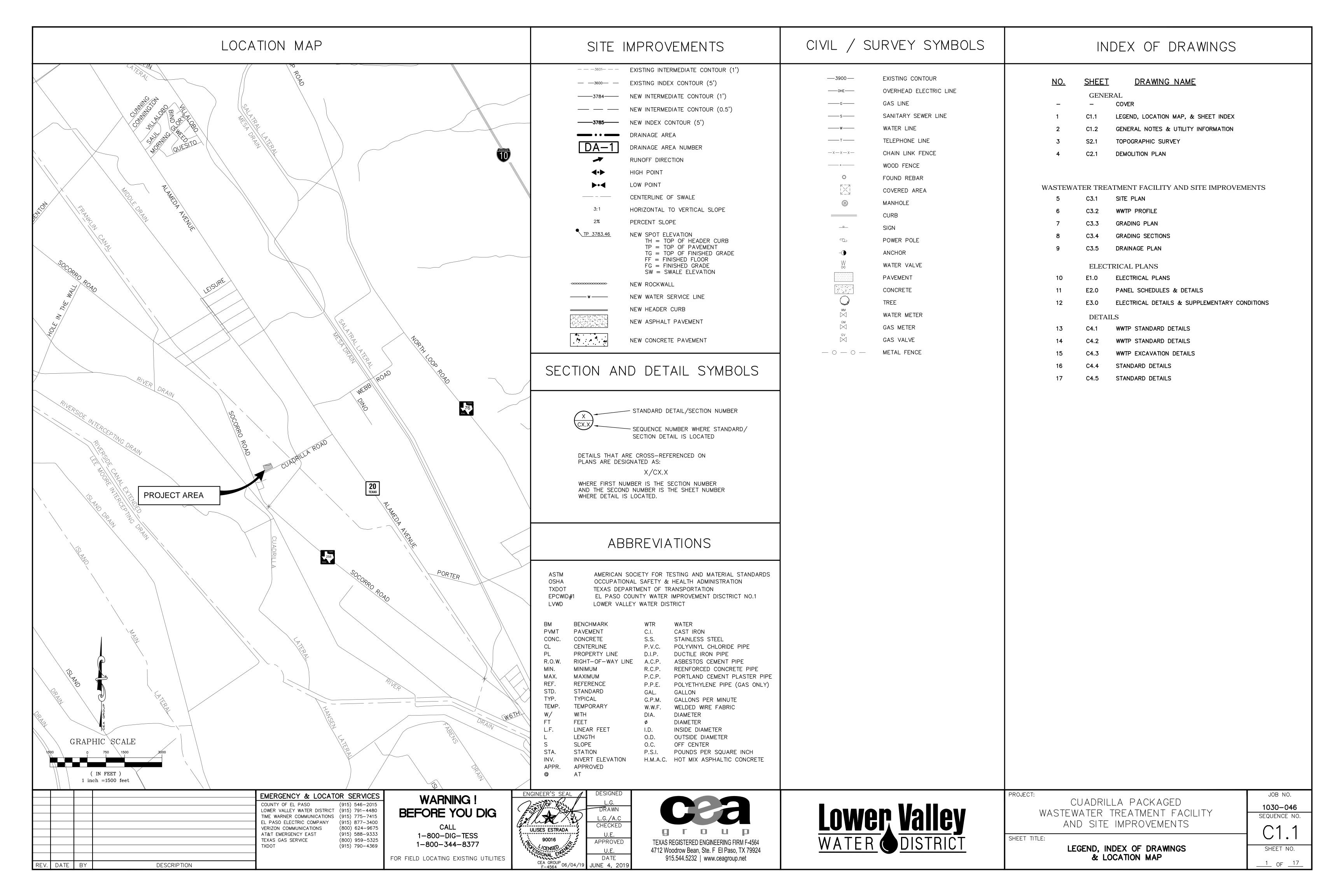
# CONSULTING ENGINEER



915.544.5232 | www.ceagroup.net







#### GENERAL NOTES

- PRIOR TO BEGINNING CONSTRUCTION, CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES TO VERIFY LOCATION OF EXISTING UTILITIES AND CONTRACTOR SHALL CALL THE RESPECTIVE "811" NUMBER FOR SUCH UTILITIES. ALL EXISTING UTILITY DEPTHS ARE UNKNOWN. THE CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR ACQUIRING FIELD DEPTHS OF ALL UTILITIES WITHIN THE PROJECT AREAS.
- 2. ALTHOUGH ALL EFFORTS HAVE BEEN MADE TO INDICATE ALL MAJOR EXISTING UTILITIES ON PLANS, IT SHALL BE THE CONTRACTORS SOLE RESPONSIBILITY TO LOCATE AND PROTECT ALL SAID UTILITIES AS WELL AS SERVICE CONNECTIONS (WHETHER OR NOT INDICATED ON PLANS), PRIOR TO AND DURING CONSTRUCTION. EXISTING SERVICE CONNÈCTIONS ARE NOT SHOWN ON THE PLANS. CONTRACTOR TO SUPPORT AND MAINTAIN ALL EXISTING EXPOSED UTILITIES IN SERVICE. ALL EXISTING UTILITIES CURRENTLY IN SERVICE MUST REMAIN IN SERVICE THROUGHOUT CONSTRUCTION OF THE PROJECT EXCEPT AS NOTED IN THE DRAWINGS.
- 3. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH GAS, OIL, PROPANE, ELECTRIC, TELEPHONE, FIBER OPTIC. CABLE TV OWNERS ETC. FOR ANY RELOCATION AND/OR PROTECTION OF EXISTING LINES, POLES OR CABLES AS REQUIRED, DUE TO CONSTRUCTION ACTIVITIES. CONTRACTOR TO MAINTAIN A MINIMUM COVER OF TWO (2') FEET UNDER TELEPHONE/CABLE/FIBER OPTIC AND GAS LINES. CONTRACTOR TO EXERCISE CAUTION WHEN PERFORMING WORK IN VICINITY OF OVERHEAD POWER LINES THROUGHOUT THE DURATION OF THE PROJECT.
- 4. EXISTING STRUCTURE AND UTILITY LOCATIONS WERE OBTAINED FROM SURVEYS AND/OR OWNER'S AS-BUILT INFORMATION. UNDERGROUND LOCATIONS, SIZE, AND ELEVATIONS MAY VARY FROM INFORMATION SHOWN. CONTRACTOR SHALL VERIFY LOCATION OF EXISTING UTILITY LINES BY POT-HOLING AND/OR OTHER METHODS, AT LEAST 14 DAYS AHEAD OF PIPE LAYING CREWS, TO ALLOW THE ENGINEER A REASONABLE AMOUNT OF TIME TO INITIATE ANY NECESSARY CHANGES IN ALIGNMENT AND/OR GRADE OF PIPELINE. THE CONTRACTOR SHALL OBTAIN JURISDICTIONAL APPROVALS AND PERMITS FROM EL PASO COUNTY. ALL POT-HOLES MADE WITHIN PAVED OR CONCRETE FINISHED SURFACES SHALL BE BACKFILLED WITH 2-SAC CEMENT STABILIZED BACKFILL. THE BACKFILL SHALL BE PLACED ALL THE WAY TO THE SURFACE OF THE POT-HOLE, FULL DEPTH. THE SURFACE OF THE POT-HOLES SHALL BE NEATLY CORED OR SAW CUT. CUTS MADE BY HAND TOOLS OR JACK HAMMER WILL NOT BE ALLOWED.
- 5. THE CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, MEASUREMENTS, EXISTING CONDITIONS AND STAKE THE RIGHT-OF-WAY TO ENSURE PROPER OFFSET TO NEW IMPROVEMENTS PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES. NOTIFY THE ENGINEER AT LEAST 14 DAYS PRIOR TO CONSTRUCTION OF ANY OMISSIONS, ERRORS, OR DISCREPANCIES FOUND SO THAT NECESSARY CORRECTIONS AND INTERPRETATIONS BE MADE PRIOR TO CONSTRUCTION.
- ALL CONSTRUCTION PRACTICES AND PROCEDURES WILL COMPLY WITH THE PERTINENT PROVISIONS OF THE OCCUPATIONAL SAFETY AND HEALTH STANDARD (TITLE 29, CODE OF FEDERAL REGULATIONS) PUBLISHED BY THE O.S.H.A., DEPARTMENT OF LABOR.
- 7. CONTRACTOR SHALL INSTALL A TRENCH SAFETY SYSTEM TO PROVIDE FOR THE SAFE EXCAVATION OF ALL TRENCHES EXCEEDING A DEPTH OF FIVE FEET (5') AS REQUIRED BY O.S.H.A. EXISTING SOIL CONDITIONS MAY DICTATE THE NEED FOR A TRENCH SAFETY SYSTEM WHEN TRENCH IS LESS THAN 5' IN DEPTH.
- THE CONTRACTOR SHALL SUBMIT A PROJECT SCHEDULE, COMMENCEMENT AND COMPLETION OF THE CONSTRUCTION, FOR REVIEW BY THE ENGINEER, PRIOR TO CONSTRUCTION. ADDITIONALLY, CONTRACTOR SHALL PROVIDE A TWO-WEEK CONSTRUCTION SCHEDULE TO THE ENGINEER AT EACH CONSTRUCTION PROGRESS
- 9. THE CONTRACTOR SHALL NOTIFY EL PASO COUNTY IN WRITING, OF ANY PROPOSED DUMP SITE(S) FOR OVERBURDEN AND ANY CONSTRUCTION DEBRIS FOR REVIEW AND APPROVAL. THE CONTRACTOR SHALL OBTAIN APPROVAL OF ITS HAUL ROUTE TO THE DUMP SITE, AS WELL AS FOR THE MATERIALS IT SHALL BE HAULING BEFORE REMOVAL OF OVERBURDEN FROM PROJECT SITE.
- 10. THE CONTRACTOR SHALL NOTIFY ALL RESIDENTS THAT MAY BE AFFECTED BY THE CONSTRUCTION FOURTEEN (14) DAYS PRIOR TO CONSTRUCTION.
- 11. PEDESTRIAN AND VEHICULAR ACCESS TO ALL RESIDENTS AND COMMERCIAL SITES SHALL BE PROVIDED AT ALL TIMES. COORDINATION FOR THIS ACTIVITY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ASCERTAINING THE NATURE AND EXTENT OF ANY COLLATERAL WORK DONE BY OTHER TRADES. CONTRACTOR SHALL BE AWARE OF ANY AND ALL CONCURRENT WORK IN THE AREA THAT WILL REQUIRE COORDINATION FOR TIE-INS OF THIS WORK. IF NECESSARY TO AVOID OR MINIMIZE DAMAGE OR DELAY, THE CONTRACTOR SHALL REDEPLOY HIS WORK FORCE TO OTHER AREAS OF THE WORK AT NO COST TO THE OWNER.
- 13. THE CONTRACTOR SHALL COORDINATE, AS NEEDED, WITH CONTRACTOR RESPONSIBLE FOR ANY SURROUNDING IMPROVEMENT PROJECTS IF PROJECTS ARE UNDER CONSTRUCTION SIMULTANEOUSLY.
- 14. THE PROPERTY OWNERS, LVWD AND EL PASO COUNTY MUST BE NOTIFIED 48 HOURS PRIOR TO COMMENCING ANY WORK IN AREAS WITHIN THEIR JURISDICTION.

- 15. UPON COMPLETING THE INSTALLATION OF THE IMPROVEMENTS, CONTRACTOR SHALL RESTORE EASEMENTS/PAVEMENT STRUCTURE, IF ANY, TO ORIGINAL OR BETTER CONDITIONS. REFER TO DETAILS.
- 16. ALL EXISTING ROADWAYS, CURB & GUTTER, SIDEWALKS, SIGNS, LANDSCAPING, DRAINAGE AND IRRIGATION STRUCTURES AND DRIVEWAYS AFFECTED BY CONSTRUCTION ACTIVITIES SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER BY CONTRACTOR AT NO COST TO THE OWNER. ALL BUSINESSES, RESIDENCES, SCHOOLS, ETC. SHALL BE PROVIDED WITH FULL ACCESS AT ALL TIMES, INCLUDING ALL DRIVEWAYS.
- 17. CONTRACTOR SHALL REPLACE SHOULDER GRAVEL/MILLINGS ASPHALT, IF DAMAGED, TO ORIGINAL OR BETTER CONDITION AND AS PER EL PASO COUNTY STANDARDS.
- 18. CONTRACTOR SHALL KEEP ALL DRAINAGE AND IRRIGATION STRUCTURES, FACILITIES AND CONVEYANCE SYSTEMS ALONG THE PIPE ROUTE UNDISTURBED AND IN OPERATION TO THE MAXIMUM EXTENT POSSIBLE. IF AREAS ARE DISTURBED, CONTRACTOR SHALL RESTORE THEM TO THEIR ORIGINAL OR BETTER CONDITION.
- 19. THE CONTRACTOR SHALL PRESERVE, DURING CONSTRUCTION, ALL STOP SIGNS, SPEED LIMIT SIGNS, UNDERGROUND SIGNAL CONDUITS AND ALL OTHER TRAFFIC REGULATORY SIGNS, COORDINATION SHALL BE WITH EL PASO COUNTY. CONTRACTOR SHALL COORDINATE WITH THE ABOVE ENTITY FOR THE LOCATION AND SPOTTING OF TRAFFIC SIGNAL CONDUITS.
- 20. INFORMATION ON IRRIGATION SYSTEMS AND SCHEDULE IS AVAILABLE AT THE EL PASO COUNTY WATER IMPROVEMENT DISTRICT #1 OFFICE.
- 21. CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR ALL STREETS NOT SPECIALLY ADDRESSED IN THE DRAWINGS. THE PLAN IS TO BE SUBMITTED TO EL PASO COUNTY WHERE APPLICABLE, FOR WRITTEN APPROVAL, PRIOR TO BEGINNING CONSTRUCTION IN STATE RIGHT-OF-WAY IN NO CASE WILL EXCAVATED MATERIAL BE ALLOWED TO BE STOCK-PILED WITHIN STATE RIGHT-OF-WAY AFTER NORMAL WORKING HOURS. THE AMOUNT OF PIPELINE STRUNG OUT WITHIN STATE RIGHT-OF-WAY SHALL BE LIMITED TO THE AMOUNT OF PIPELINE THAT CAN BE INSTALLED IN ONE DAY'S WORK. AT THE END OF EACH WORK DAY, THE END OF PIPE SHALL BE SEALED, MARKED AND BACK FILLED SO AS NOT TO LEAVE ANY OPEN TRENCH.
- 22. ALL INSTANCES WHERE THE TERM "PROPOSED" APPEARS ON THESE DOCUMENTS SHALL BE CONSIDERED AS WORK NECESSARY TO COMPLETE THE REQUIRED IMPROVEMENTS AS SHOWN ON THE PLANS. THE CONTRACTOR SHALL INCLUDE ALL "PROPOSED" ITEMS AS PART OF HIS BID. THE TERMS "PROPOSED" AND "NEW" SHALL BE CONSIDERED EQUAL WHEN BIDDING THIS PROJECT.
- 23. CONTRACTOR SHALL VISIT AND FAMILIARIZE HIMSELF WITH THE PROJECT SITE & THE CONSTRUCTION DOCUMENTS PRIOR TO SUBMITTING BIDS.
- 24. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND GRADES BEFORE PROCEEDING WITH THE WORK. ANY DISCREPANCIES FOUND SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK. OTHERWISE THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR THEIR CORRECTNESS.
- 25. ALL ELEVATIONS ARE IN REFERENCE TO NAVD 88. SEE REFERENCED TEMPORARY BENCHMARK ON TOPOGRAPHIC
- 26. PACKAGED WASTEWATER FACILITIES INSTALLATION, INCLUDING NEW LIFT STATION AND EFFLUENT TANK, SHALL BE AS PER MANUFACTURER'S RECOMMENDATIONS AND SHALL FOLLOW OSHA REGULATIONS FOR SAFETY EXCAVATIONS.
- 27. UPON COMMISSIONING THE NEW PACKAGED WWTP, CONTRACTOR WILL BE REQUIRED TO "DECOMMISSION" THE EXISTING PLANT IN ACCORDANCE WITH EL PASO COUNTY, STATE AND TCEQ REQUIREMENTS. EXISTING PLANT SHALL BE REMOVED AND DISPOSED OF PROPERLY AS PER GOVERNING LAWS. ALL FEES AND PERMITING ASSOCIATED WITH THE DISPOSAL AND DECOMMISSIONING SHALL BE PAID FOR IN THE DECOMMISSIONING ITEM OF THE CONTRACT.
- 28. THE EXISTING WWTP, INCLUDING THE LIFT STATION, FORCEMAIN, ETC., SHALL REMAIN IN SERVICE THROUGHOUT THE CONSTRUCTION OF THE NEW IMPROVEMENTS. CONTRACTOR SHALL COORDINATE ACCESS TO LVWD FOR THE HAULING OF SEWAGE ON A DAILY BASIS.

## LIST OF UTILITIES AND AGENCIES

GENERAL UTILITIES TEXAS EXCAVATION SAFETY SERVICE 11880 GREENVILLE AVENUE. DALLAS, TX. 75243 (800) 344-8377

CABLE TELEVISION SPECTRUM 20 CONCORD STREET, SUITE A EL PASO, TX. 79906 (915) 775-7415 MR. RAYMOND MENDOZA

WATER & SEWER LOWER VALLEY WATER DISTRICT 1557 NORTH FM 1110 ROAD CLINT, TX. 79836 (915) 791-4480

MR. ED LONG, P.E.

**ELECTRIC** EL PASO ELECTRIC CO. 100 N. STANTON STREET EL PASO, TX. 79901 (915) 543-2075 MR. FRANK VEJIL (DISTRIBUTION) PUBLIC WORKS DEPARTMENT

COUNTY OF EL PASO 800 E. OVERLAND STE. 407 EL PASO, TX 79901 (915) 546-2015 MR. GILBERT SALDAÑA, P.E.

**TELEPHONE** AT & T 11200 PELLICANO, STE. 216 EL PASO, TX. 79935 (915) 595-5179 MS. DIANA McKOWN

PRIME ENGINEER CEA GROUP CASTNER CENTER @ TRANSMOUNTAIN 4712 WOODROW BEAN, STE. F EL PASO, TX. 79924 (915) 544-5232

RESIDENTIAL GAS LINES TEXAS GAS CO. 4700 POLLARD ST. EL PASO, TX 79930 (915) 680-7329 MR. RAMZI J. SKAF, P.E.

IMPROVEMENT DISTRICT, NO.1 13247 ALAMEDA AVENUE CLINT, TX 79836 (915) 872-4016 MR. ULISES ESTRADA, P.E. MR. JAY ORNELAS, P.E.

FIBER OPTICS VERIZON COMMUNICATIONS, INC. (800) 624-9675

DRAINS/LATERALS

EL PASO COUNTY WATER

STATE TEXAS DEPARTMENT OF TRANSPORTATION 13301 GATEWAY WEST EL PASO, TX. 79927 (915) 790-4369 MR. OMAR MADRID, P.E.

**SURVEYOR** BARRAGAN & ASSOCIATES 10950 PELLICANO DRIVE, BLDG "F" EL PASO, TX 79935 (915) 591-5709 MR. BENITO BARRAGAN, R.P.L.S.

EMERGENCY & LOCATOR SERVICES LOWER VALLEY WATER DISTRICT (915) 791-4480 TIME WARNER COMMUNICATIONS (915) 775-7415 EL PASO ELECTRIC COMPANY (915) 877-3400 VERIZON COMMUNICATIONS (800) 624-9675 AT&T EMERGENCY EAST (915) 588-9333 TEXAS GAS SERVICE (800) 959-5325 (915) 790-4369 TXDOT

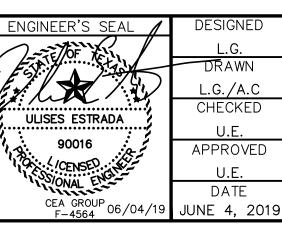
DESCRIPTION

REV. DATE BY

## WARNING! BEFORE YOU DIG

1-800-DIG-TESS 1-800-344-8377

FOR FIELD LOCATING EXISTING UTILITIES







PROJECT: CUADRILLA PACKAGED WASTEWATER TREATMENT FACILITY AND SITE IMPROVEMENTS

SHEET TITLE:

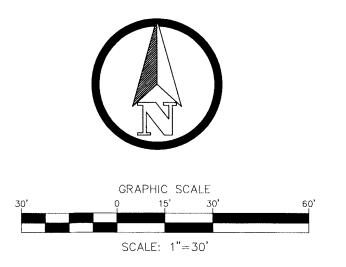
GENERAL NOTES & UTILITY INFORMATION

JOB NO. 1030-046 SEQUENCE NO.

SHEET NO. 

# TOPOGRAPHIC SURVEY

TRACT 11A1, BLOCK 5, AND A PORTION OF TRACT 2C, BLOCK 40, SAN ELIZARIO GRANT, **EL PASO COUNTY, TEXAS,** AREA 1.60 ACRES ±



#### GENERAL NOTES

- LOCATION OF ALL UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL UTILITY COMPANIES FOR THE EXACT LOCATION OF UNDERGROUND AND OVERHEAD UTILITIES INCLUDING UTILITIES NOT SHOWN ON PLANS. THE CONTRACTOR SHALL PROTECT ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES AND ANY UTILITIES NOT SHOWN THIS PLAN DURING CONSTRUCTION. THE CONTRACTOR WILL PERFORM ALL UTILITY INSTALLATION. REMOVAL AND RELOCATION'S AS PER LOCAL UTILITY CONSTRUCTION SPECIFICATIONS.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS, CONDITIONS, AND ELEVATIONS ON SITE AND SHALL CONTACT THI DESIGN ENGINEER AND REPORT ANY DISCREPANCIES, OMISSIONS
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE COUNTY OF EL PASO STANDARD SPECIFICATIONS AND DETAILS.

  CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITTING NECESSARY FOR EARTHWORK OPERATIONS.
- CONTRACTOR SHALL COORDINATE RELOCATION OF ALL EXISTING UTILITIES AND MANHOLE WITH RESPECTIVE UTILITY COMPANIES.
  CONTRACTOR SHALL PERFORM ALL EARTHWORK REQUIREMENTS AS PER GEOTECHNICAL STUDY REPORT.
- A CALL WAS PLACED TO TEXAS DIG SAFE NUMBER (811) TO ACQUIRE LINE—SPOTS. CONFIRMATION NUMBER IS 1866686082.

- BEARINGS SHOWN ARE GRID BEARINGS DERIVED FROM RTK OBSERVATIONS TO THE TEXAS CO-OP NETWORK. REFERRED TO THE TEXAS COORDINATE SYSTEM (NAD 83) CENTRAL ZONE. DISTANCES ARE GROUND DISTANCES AND CAN BE CONVERTED TO GRID BY DIVIDING BY 1.000231.
- THESE NAVD 88 ELEVATIONS WERE DERIVED FROM APPLICATION OF THE GEOID 2012A MODEL TO RTK CO-OP ELLIPSOID HEIGHTS (ACCURACY ± 0.16') THIS PROPERTY MAY BE SUBJECT TO EASEMENTS WHETHER OF RECORD OR NOT, (ONLY EASEMENT LISTED ON THE TITLE COMMITMENT SHOWN). NO ADDITIONAL RESEARCH WAS PERFORMED BY B&A INC. FOR ANY RESERVATION, BUILDING LINE, AND OR EASEMENTS WHICH MAY OR MAY NOT AFFECT SUBJECT PARCEL. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES ARE IN THE EXACT LOCATION INDICATED. THEY ARE LOCATED AS ACCURATE AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. SUBJECT PROPERTY SHOWN HEREON APPEARS TO BE LOCATED IN ZONE "X",
- PER F.I.R.M. PANEL NUMBER 480212 300B, LAST REVISION DATE 09-04-91. THIS SURVEYOR MAKES NO GUARANTEES AS TO THE ACCURACY OF THE ABOVE INFORMATION. THE LOCAL F.E.M.A. AGENT SHOULD BE CONTACTED FOR THIS SURVEY WAS DONE WITHOUT THE BENEFIT OF A TITLE COMMITMENT.

# BENCHMARK

U 1392 (CE0378) N.G.S. METAL ROD AT JUNCTION OF PAVED ROAD LEADING SOUTHWEST TO CUADRILLA, SOUTHWEST OF CENTERLINE OF THE HIGHWAY 80. BY RTK OBSERVATION.

ELEVATION: 3621.03 (NAVD 88)

EL PASO NATURAL GAS COMPANY

TEXAS EXCAVATION SAFETY SYSTEM

#### DUST AND EROSION CONTROL NOTE

CONTRACTOR SHALL MAKE PROVISIONS FOR TEMPORARY DUST AND PERFORMED. USE WATER SPRINKLING AND OTHER METHODS TO LIMIT DUST AND DIRT MIGRATION. COMPLY WITH GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.

BEFORE YOU DIG EL PASO ELECTRIC COMPANY 1-800-592-1634 1-877-213-1053 SOUTHERN UNION GAS COMPANY (915) 544-6300 EMERGENCY HOT LINE 562-8411/562-2003 PUBLIC SERVICE BOARD (WATER&SEWER) (915) 594-5500 TIME WARNER CABLE 1-800-222-5355

	REVISIONS	
DATE	DESCRIPTION	BY



# Barragan & Associates Inc.

LAND PLANNING & LAND SURVEYING TBPLS FIRM # 10151200 10950 Pellicano Dr. Bldg. F - El Paso TX 79935 Phone (915) 591-5709 Fax (915) 591-5706 COPYRIGHT () 2017 BARRAGAN & ASSOCIATES INC. ALL RIGHTS RESERVED NO PART OF THIS DRAWING MAY BE REPROJUCED OR RETRAINSMITTED IN ANY WAY OR FORM (ELECTRONIC, MECHANICA) PHOTOCOPYMING OR OTHERWISE) WITHOUT THE EXPRESS WRITTEN PERMISSION OF BARRAGAN & ASSOCIATES

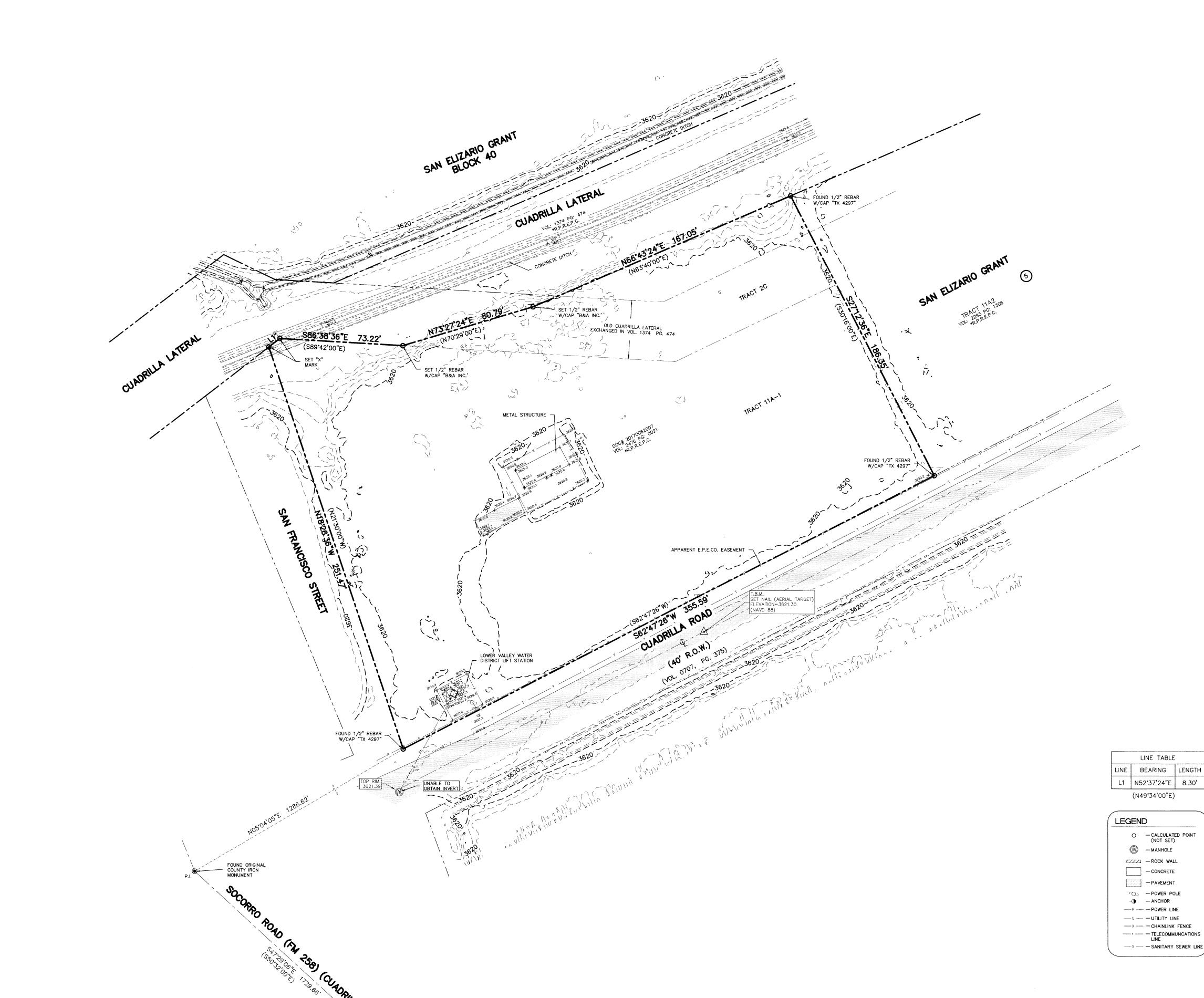
PROJECT NAME

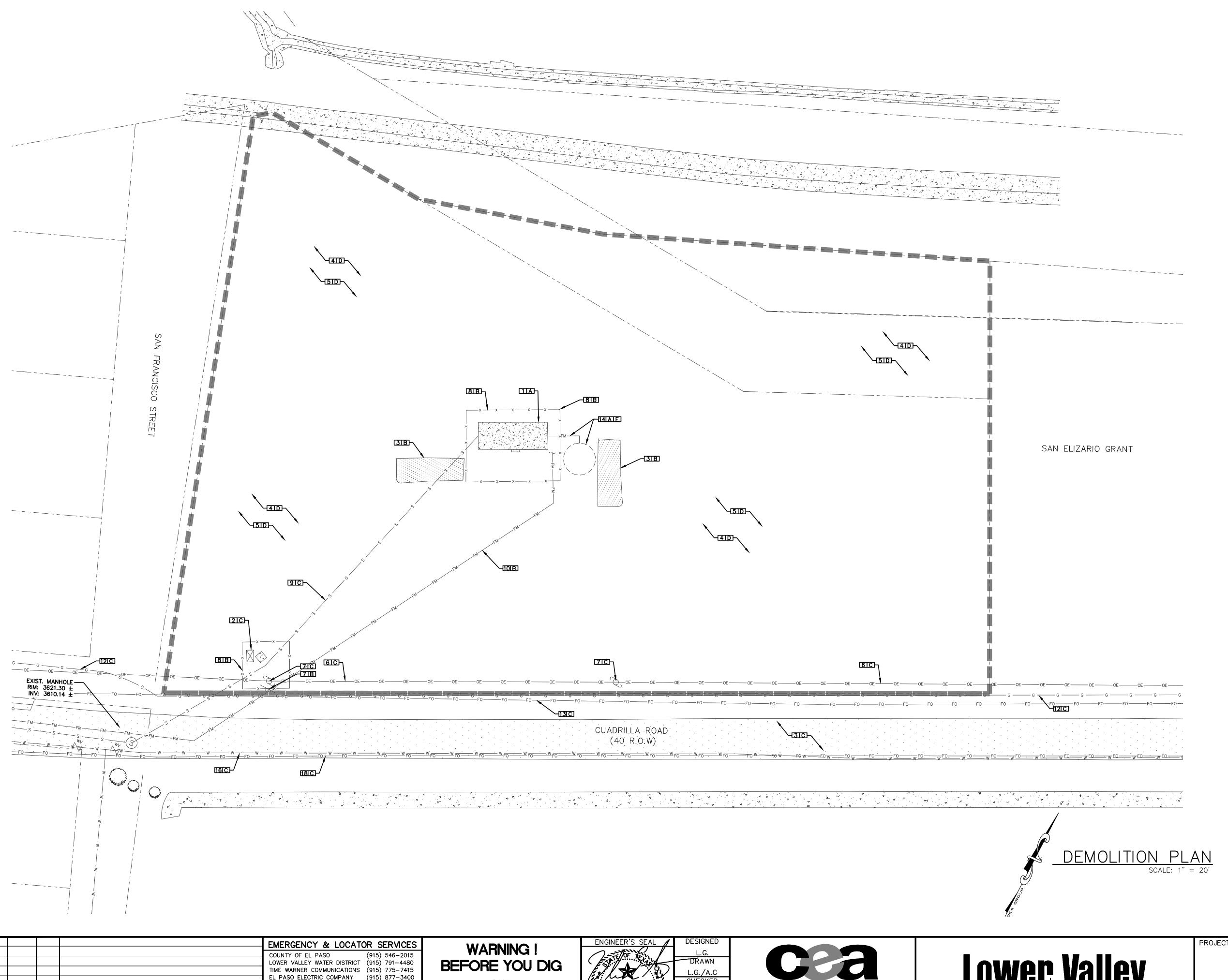
CUADRILLA DECENTRALIZED WWWTP

1-800-334-8047

811







#### NOTES:

- 1. CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS UNLESS OTHERWISE DIRECTED. ANY DAMAGES RESULTING FROM THE CONTRACTOR'S WORK SHALL BE REPAIRED TO ORIGINAL OR BETTER CONDITION, AT NO ADDITIONAL COST TO OWNER.
- 2. CONTRACTOR SHALL MAINTAIN ALL WORK WITHIN PROJECT LIMITS.
- 3. ALL WASTE MATERIAL GENERATED FROM THIS PROJECT SHALL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE LEGALLY DISPOSED OF OFF-SITE, UNLESS OTHERWISE
- 4. EXISTING LIFT STATION AND FORCE MAIN SHALL BE PROTECTED AT ALL COSTS.
- 5. EXISTING WASTEWATER TREATMENT PLANT SHALL BE PROTECTED AND REMAIN IN SERVICE UNTIL NEW WASTEWATER TREATMENT SYSTEM HAS BEEN COMMISSIONED AND ACCEPTED BY OWNER. THE EXISTING PLANT SHALL BE REMOVED AND PROPERLY DISPOSED OF OFF-SITE.
- 6. EXISTING CHAIN LINK FENCE AT THE LIFT STATION & WASTEWATER TREATMENT PLANT, SHALL BE REMOVED AFTER COMPLETION OF PROPOSED IMPROVEMENTS. (COORDINATE WITH

LIMITS OF DEMOLITION WORK

	KEYED NOTES
	00
1	EXISTING WASTE WATER AND
	CONCRETE PAD TREATMENT PLANT
2	EXISTING LIFT STATION
3	EXISTING ASPHALT/GRAVEL PAVEMEN
4	EXISTING GROUND
5	EXISTING VEGETATION
6	EXISTING OVERHEAD ELECTRICAL LINE
7	EXISTING POWER POLE
8	EXISTING CHAIN LINK FENCE
9	EXISTING SEWER PIPE
10	EXISTING FORCE MAIN
11	EXISTING WATER LINE
12	EXISTING GAS LINE
13	EXISTING FIBER OPTIC CABLE
14	EXISTING EFFLUENT TANK/LINE

## XX

- A PROTECT AND REMOVE AFTER COMMISSIONING OF NEW IMPROVEMENTS
- B | COMPLETELY REMOVE AND PROPERLY DISPOSE OFF-SITE.
- C REMAIN UNDISTURBED (TO BE PROTECTED)
- D | CLEAR AD GRUB
- E SALVAGE AND DELIVER TO LVWD UPON COMMISSIONING OF NEW EFFLUENT TANK

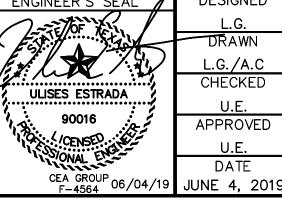
		EMERGENCY & LOCATO	OR SERVICES
		COUNTY OF EL PASO LOWER VALLEY WATER DISTRICT	(915) 546-2015 (915) 791-4480
		TIME WARNER COMMUNICATIONS	(915) 775–7415
		EL PASO ELECTRIC COMPANY VERIZON COMMUNICATIONS	(915) 877-3400 (800) 624-9675
		AT&T EMERGENCY EAST	(915) 588–9333
		TEXAS GAS SERVICE	(800) 959-5325
		TXDOT	(915) 790-4369

DESCRIPTION

REV. DATE BY

1-800-DIG-TESS 1-800-344-8377

FOR FIELD LOCATING EXISTING UTILITIES







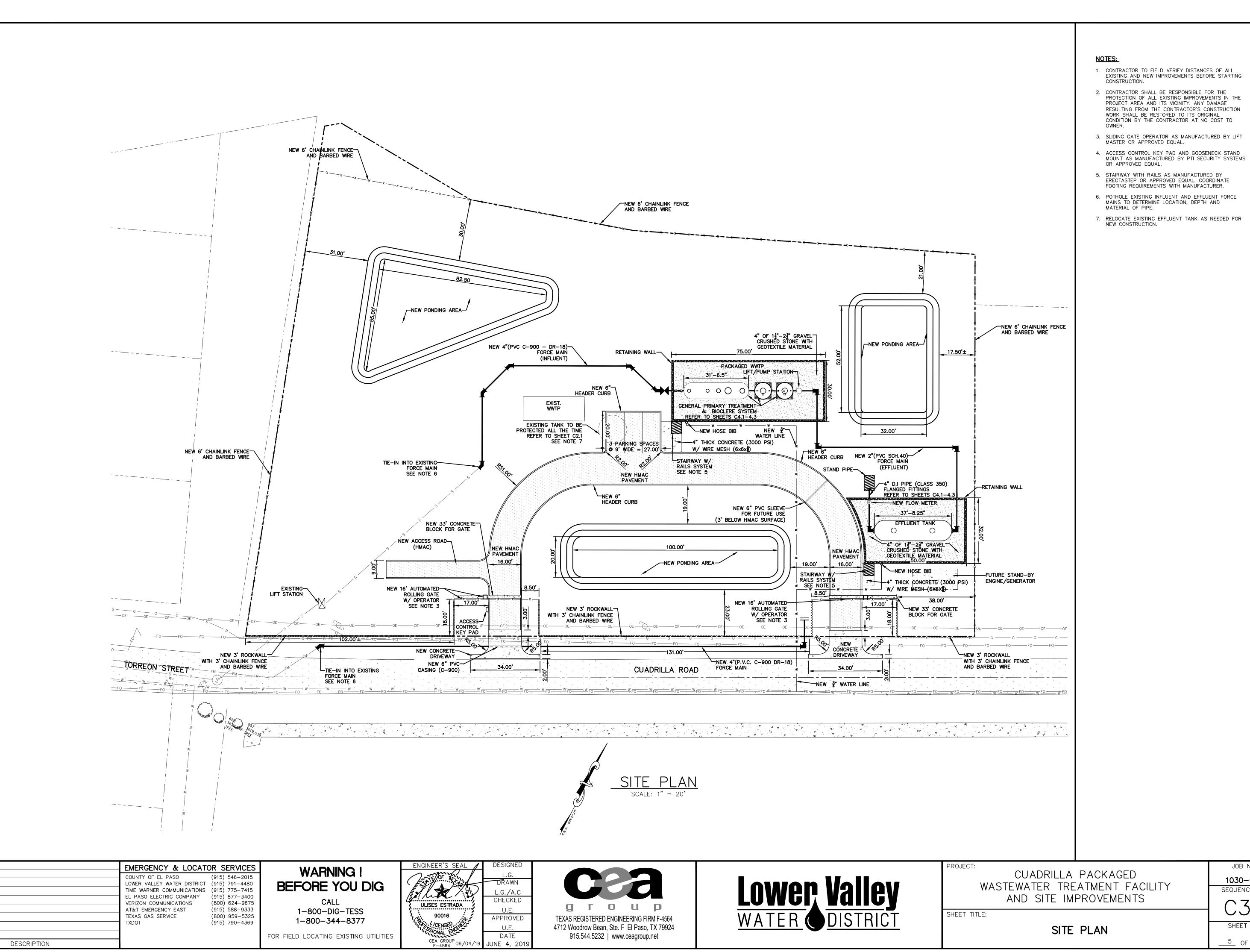
PROJECT:	
	CUADRILLA PACKAGED
	WASTEWATER TREATMENT FACILITY
	AND SITE IMPROVEMENTS

SHEET TITLE:

DEMOLITION PLAN

JOB NO. 1030-046 SEQUENCE NO.

SHEET NO. <u>4</u> OF <u>17</u>



REV. DATE BY

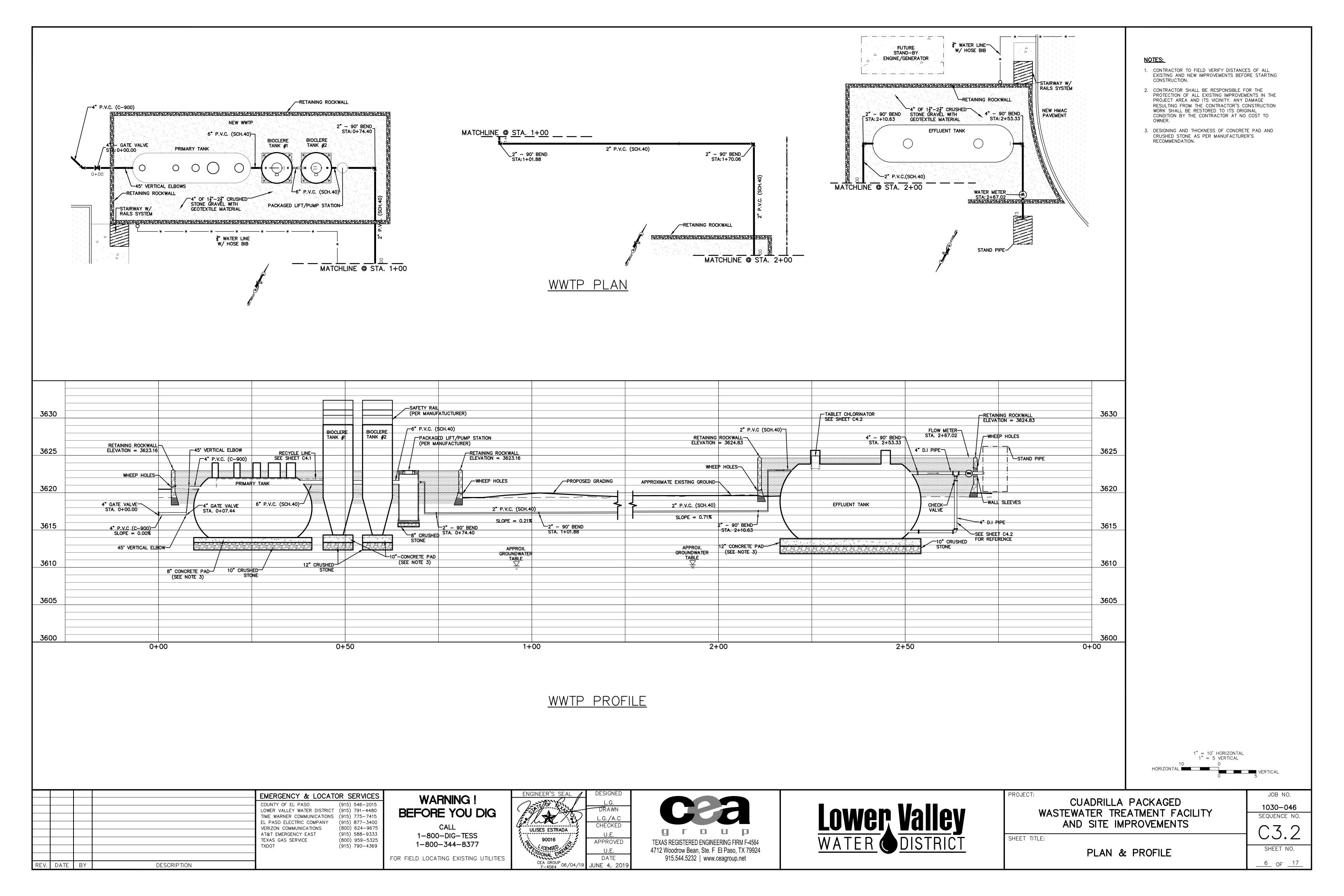
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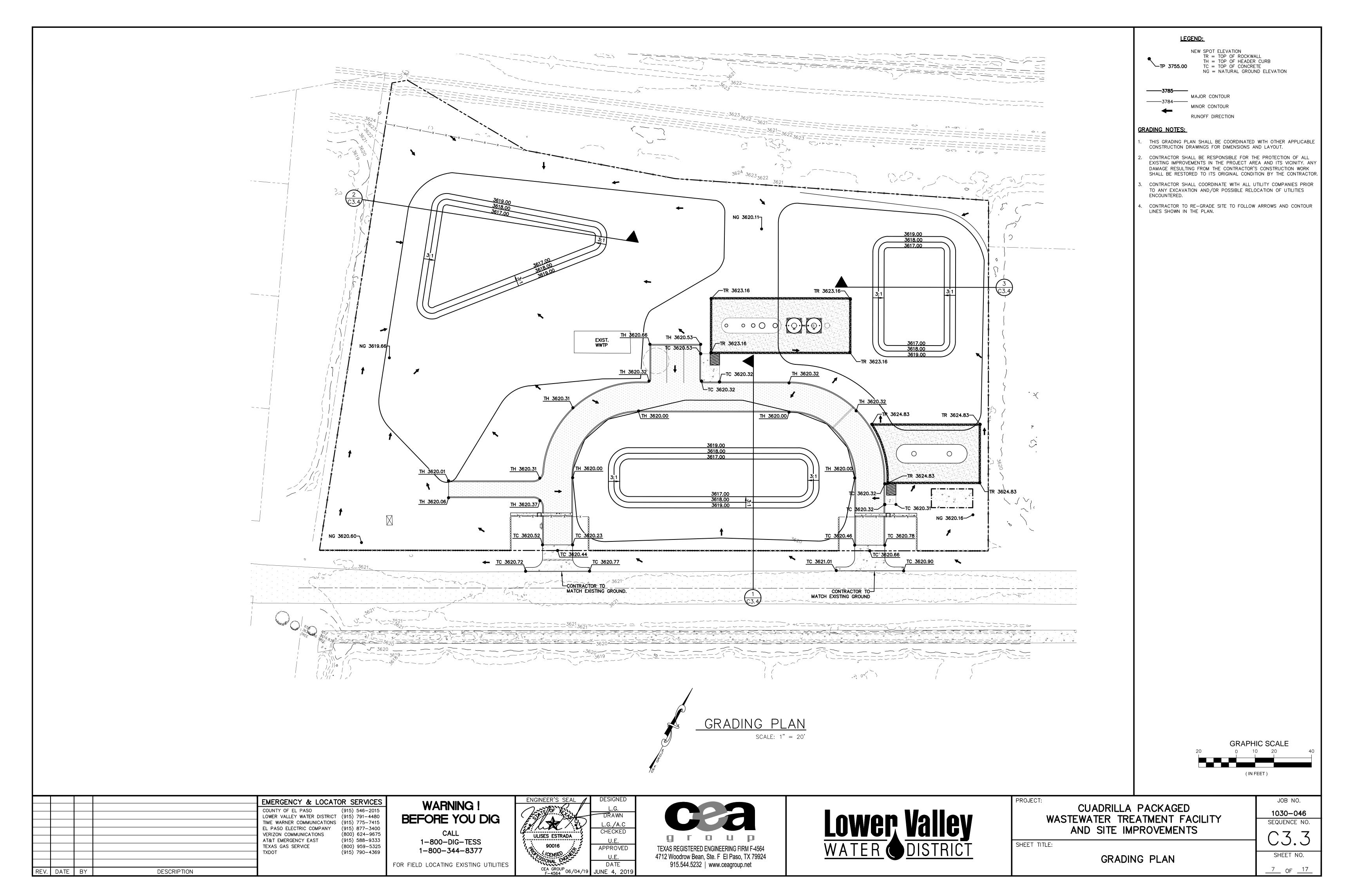
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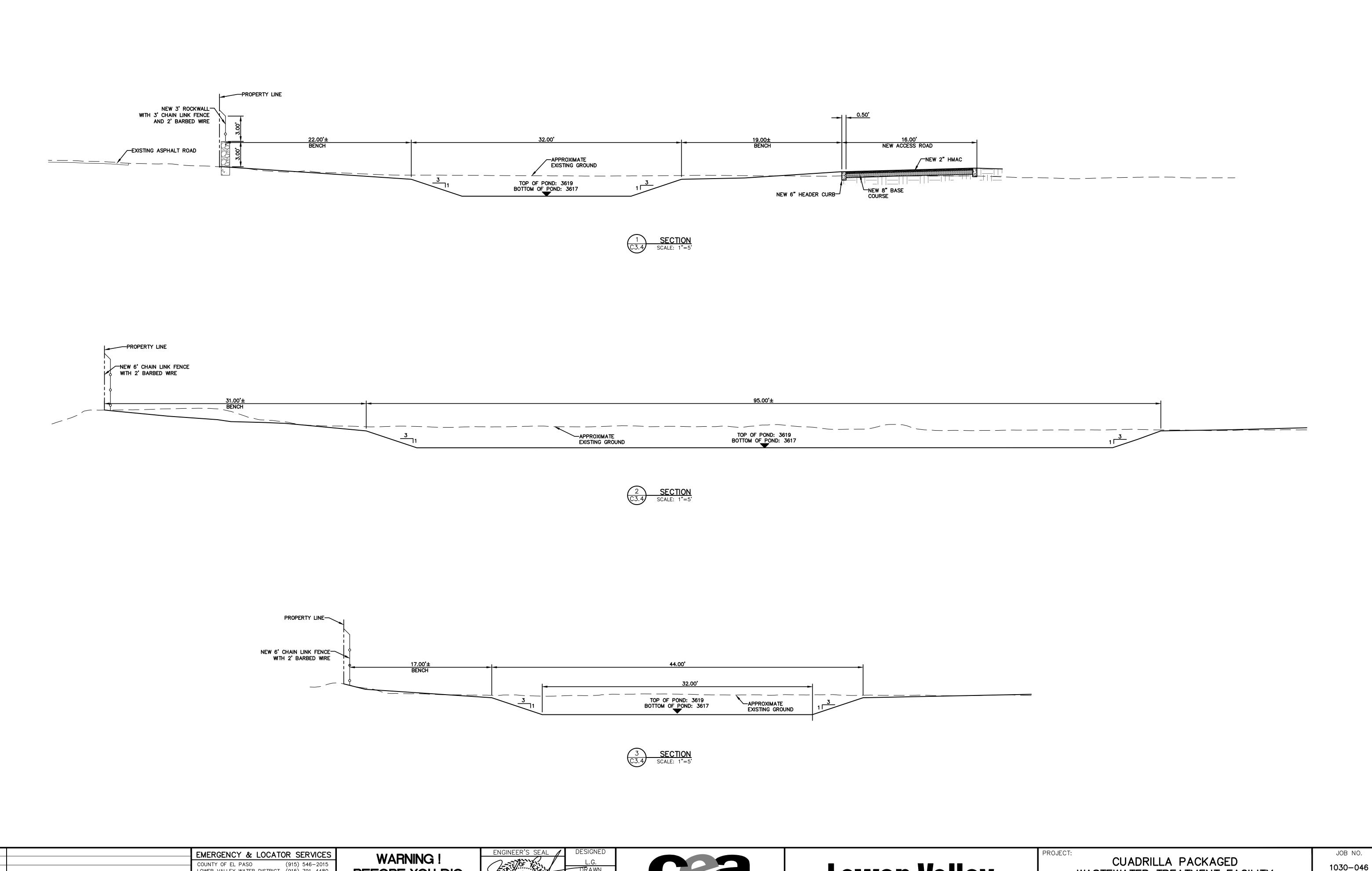
SEQUENCE NO.

SHEET NO.

\_\_\_5\_ OF \_\_17\_







		EMERGENCY & LOCATO	OR SERVICES
		COUNTY OF EL PASO LOWER VALLEY WATER DISTRICT	(915) 546-2015 (915) 791-4480
		TIME WARNER COMMUNICATIONS EL PASO ELECTRIC COMPANY	(915) 775–7415 (915) 877–3400
		VERIZON COMMUNICATIONS AT&T EMERGENCY EAST TEXAS GAS SERVICE	(800) 624–9675 (915) 588–9333 (800) 959–5325
		TXDOT	(915) 790-4369

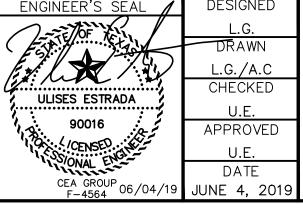
DESCRIPTION

REV. DATE BY

# WARNING! BEFORE YOU DIG

CALL 1-800-DIG-TESS 1-800-344-8377

FOR FIELD LOCATING EXISTING UTILITIES



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TEXAS RE0 1712 Wood 1915	drow Bea		El Paso	o, TX 799	



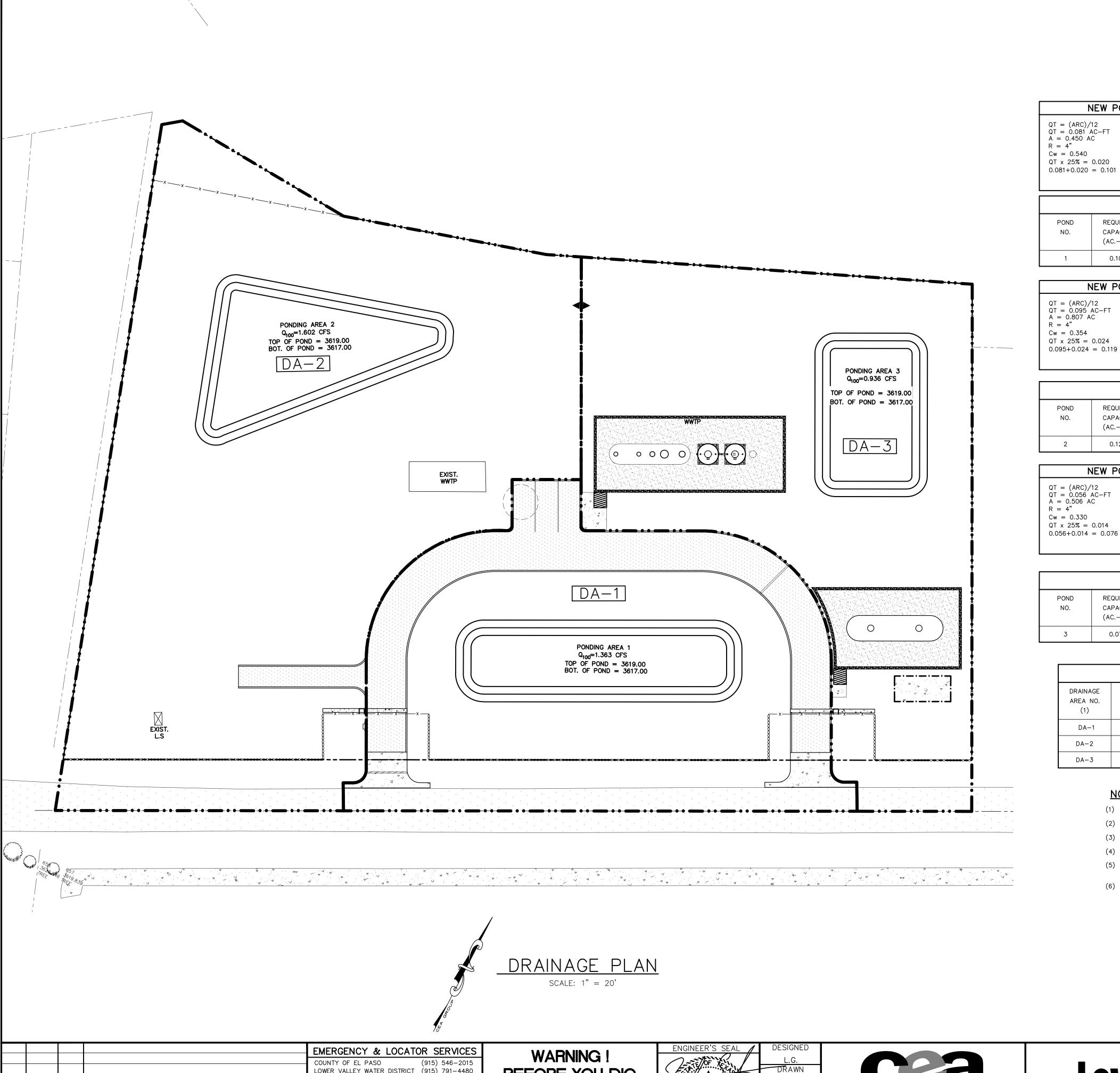
TROOLOT.	CUADRILLA PACKAGED
	WASTEWATER TREATMENT FACILITY
	AND SITE IMPROVEMENTS

SHEET TITLE:

GRADING SECTIONS

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#### **GENERAL DRAINAGE NOTES:**

- 1. THIS DRAINING PLAN SHALL BE COORDINATED WITH OTHER APPLICABLE CONSTRUCTION DRAWINGS FOR DIMENSIONS AND LAYOUT.
- 2. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES PRIOR TO ANY EXCAVATION AND/OR POSSIBLE RELOCATION OF UTILITIES
- 3. CONTRACTOR TO RE-GRADE SITE TO FOLLOW ARROWS AND CONTOUR LINES SHOWN IN THE PLAN.

<u>LEGEND</u>

DRAINAGE AREA BOUNDARY PROPOSED HIGH POINT

DA-1

NEW POND #1 AREAS

воттом

ELEVATION

3617

NEW POND #2 AREAS

ACCUMULATED

VOLUME (AC-FT.)

0.054

ACCUMULATED

VOLUME (AC-FT.)

0.000

0.076

0.153

FREE BOARD

(FT.)

0.25

DRAINAGE AREA

	NEW POND #2						
POND NO.	REQUIRED CAPACITY (ACFT.)	AVAILABLE CAPACITY (ACFT.)	PEAK INFLOW (CFS)	OUTLET TOWER FLOW (CFS)	HIGH WATER SURFACE ELEV. (FT.)	BOTTOM ELEVATION	FREE BOARD (FT.)
2	0.129	0.153	1.602	0	3618.72	3617	0.28

NEW POND #1

OUTLET

TOWER FLOW

(CFS)

HIGH WATER

(FT.)

3618.75

CONTOUR

3619

SURFACE ELEV.

NEW POND	#3 CALCULATIONS	NEW PO	ND #3 AREAS
QT = (ARC)/12 QT = 0.056 AC-FT	SILT VOLUME = 0.006 0.006 AC-FT/AC	CONTOUR	ACCUMULATE VOLUME (AC-F
A = 0.506 AC	0.076+0.006 = 0.076 AC-FT	3617	0.000
R = 4"		3618	0.044
Cw = 0.330	$TOTAL_{req} = 0.076 AC-FT$	3619	0.101
$QT \times 25\% = 0.014$ 0.056+0.014 = 0.076	RAINFALL INTENSITY BASED ON 100 YEAR FREQUENCY. R = 4 IN/24HR.		

NEW POND #3							
POND NO.	REQUIRED CAPACITY (ACFT.)	AVAILABLE CAPACITY (ACFT.)	PEAK INFLOW (CFS)	OUTLET TOWER FLOW (CFS)	HIGH WATER SURFACE ELEV. (FT.)	BOTTOM ELEVATION	FREE BOARD
3	0.076	0.101	0.936	0	3618.56	3617	0.44

		WATERSHE	D AREAS		
DRAINAGE AREA NO. (1)	DRAINAGE AREA (AC) (2)	DESIGN STORM INTENSITY (150) (3)	TIME OF CONCENTRATION (4)	RUNOFF COEFF. (C) (5)	Q100 (CFS) (6)
DA-1	0.450	5.606	10.00	0.540	1.363
DA-2	0.807	5.606	10.00	0.354	1.602
DA-3	0.506	5.606	10.00	0.330	0.936

#### NOTES:

- (1) WATERSHED AREA IDENTIFICATION
- (2) AREA FROM DRAINAGE PLAN

NEW POND #1 CALCULATIONS

REQUIRED

CAPACITY

(AC.-FT.)

0.106

SILT VOLUME = 0.005

0.101 + 0.005 = 0.106 AC-FT

 $TOTAL_{req} = 0.106 AC-FT$ 

RAINFALL INTENSITY BASED ON 100 YEAR FREQUENCY.

PEAK

INFLOW

(CFS)

1.363

SILT VOLUME = 0.010

0.119 + 0.010 = 0.129 AC - FT

 $TOTAL_{req} = 0.129 AC-FT$ 

RAINFALL INTENSITY BASED ON 100 YEAR FREQUENCY.

0.010 AC-FT/AC

R = 4 IN/24HR.

0.005 AC-FT/AC

R = 4 IN/24HR.

AVAILABLE

CAPACITY

(AC.-FT.)

0.125

NEW POND #2 CALCULATIONS

- (3) RAINFALL INTENSITY, 100 YEAR STORM EASTSIDE INTENSITY
- (4) TIME OF CONCENTRATION: TC= 10 MIN
- (5) RUNOFF COEFFICIENT, 100 YEAR STORM PAVEMENT AREA = 0.900 PONDING AREA = 0.333
- (6)  $Q_{100} = C \times A \times I_{100}$

				EMERGENCY & LOCATO	OR SERVICES
				COUNTY OF EL PASO LOWER VALLEY WATER DISTRICT TIME WARNER COMMUNICATIONS EL PASO ELECTRIC COMPANY VERIZON COMMUNICATIONS AT&T EMERGENCY EAST TEXAS GAS SERVICE TXDOT	(915) 546-2015 (915) 791-4480 (915) 775-7415 (915) 877-3400 (800) 624-9675 (915) 588-9333 (800) 959-5325 (915) 790-4369
REV.	DATE	BY	DESCRIPTION		

# BEFORE YOU DIG

1-800-DIG-TESS 1-800-344-8377

FOR FIELD LOCATING EXISTING UTILITIES

CHECKED ULISES ESTRADA 90016 /CENSE ONAL EX-CEA GROUP 06/04/19 90016 APPROVED DATE JUNE 4, 2019





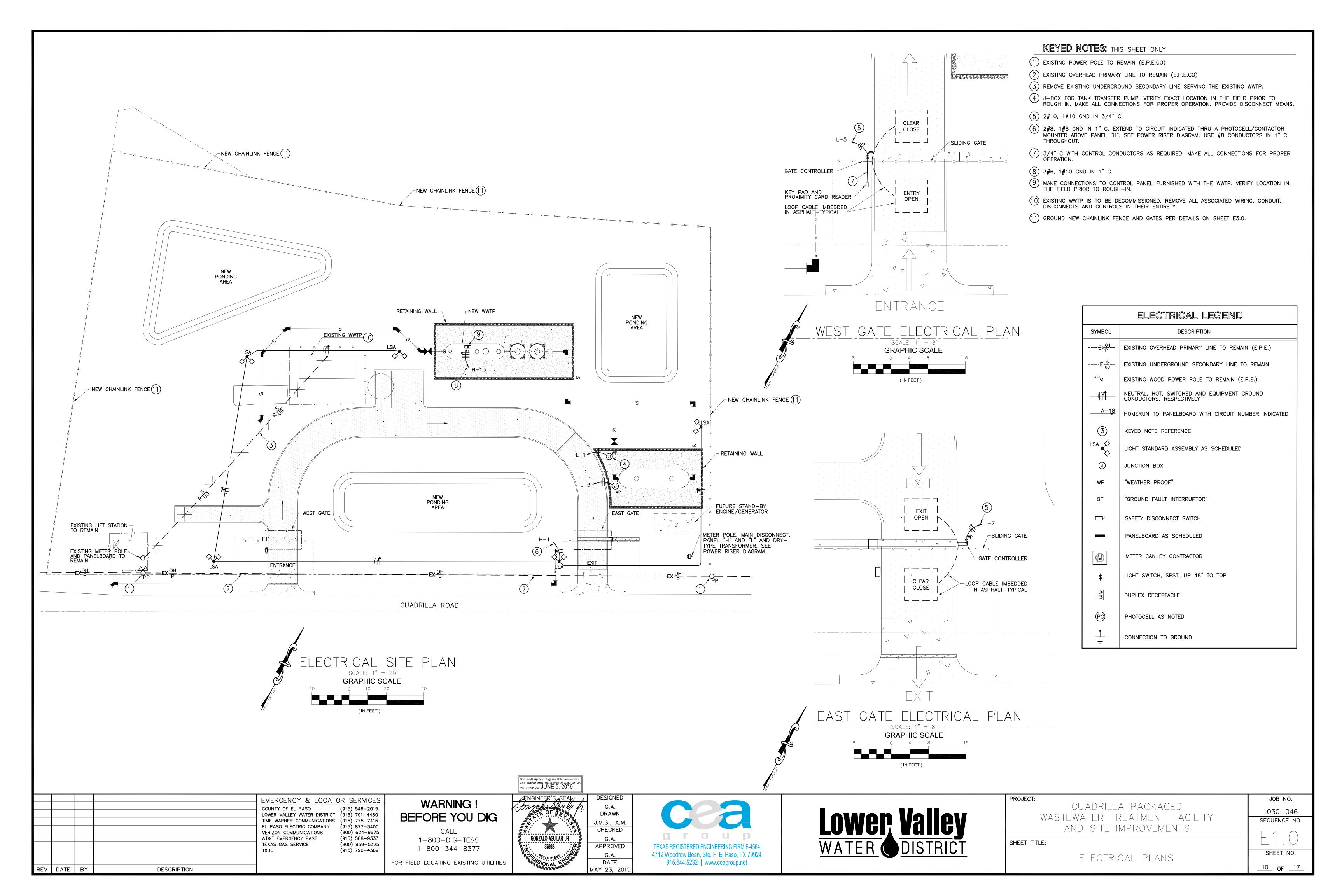
PROJECT:	
	CUADRILLA PACKAGED
	WASTEWATER TREATMENT FACILITY
	AND SITE IMPROVEMENTS

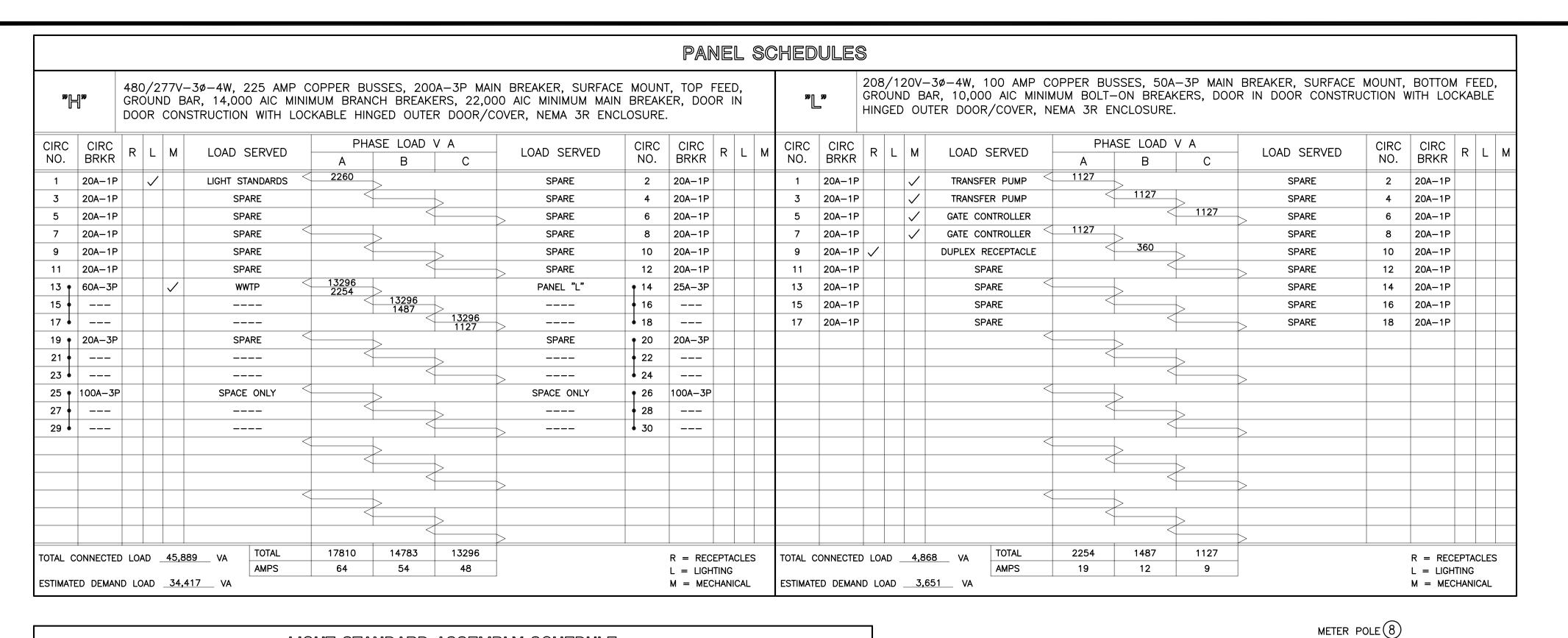
SHEET TITLE:

DRAINAGE PLAN

JOB NO. 1030-046 SEQUENCE NO. SHEET NO.

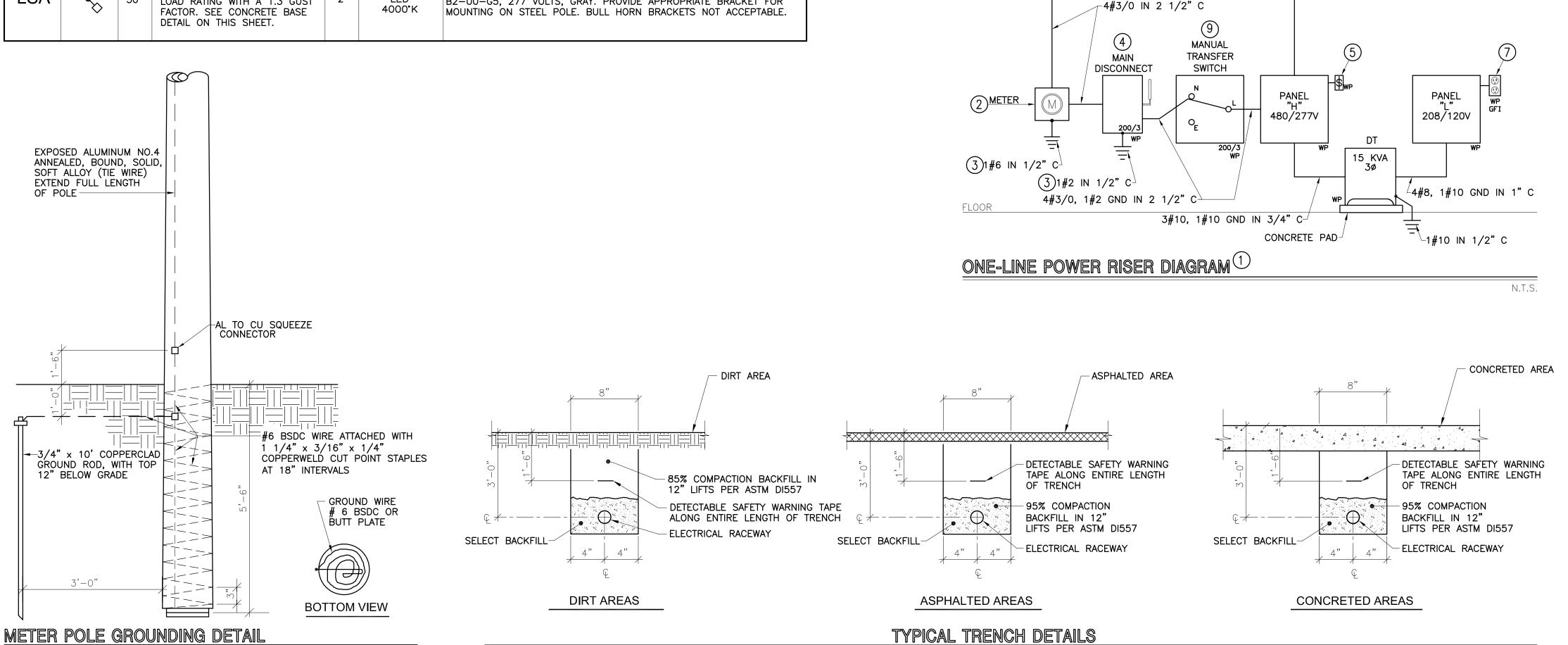
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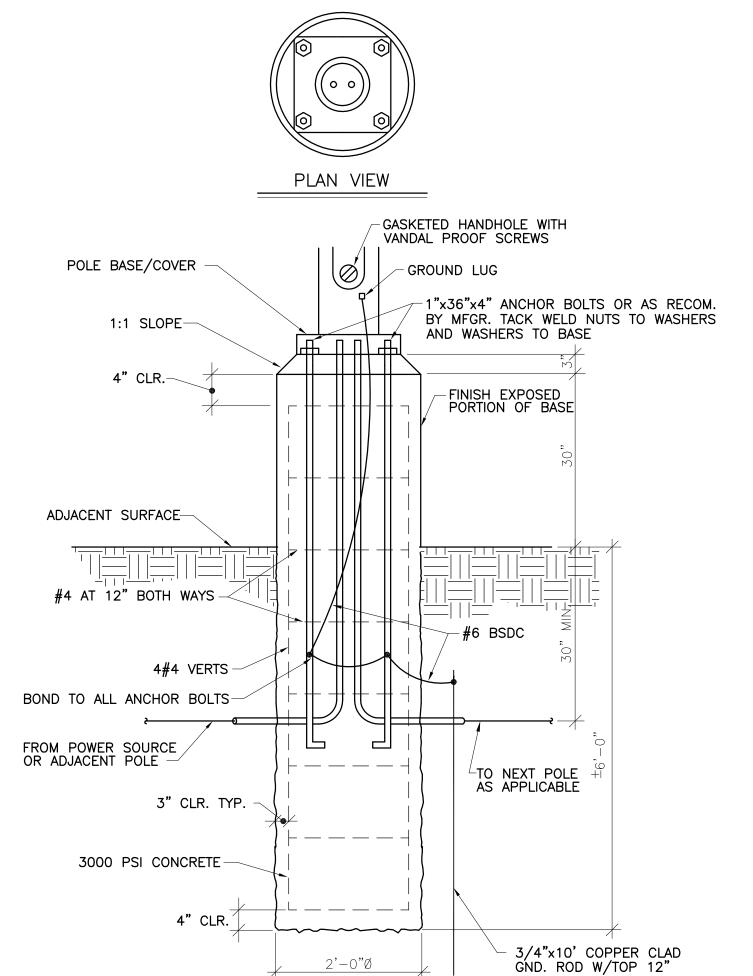
			LIGHT STA	ANDA	RD ASSEM	IBLY SCHEDULE
7.75	STEEL POLE		LUMINAIRE			
TYPE	SYMBOL	LNGTH	DESCRIPTION	QTY.	LAMPS	DESCRIPTION
LSA	\$	30'	SQUARE NON—TAPERED STELL POLE, HOT DIPPED GALVANIZED, HINGED BASE, 100 MPH WIND LOAD RATING WITH A 1.3 GUST FACTOR. SEE CONCRETE BASE DETAIL ON THIS SHEET.	2	226 WATTS LED 4000°K	FIXTURE TO HAVE FIELD ROTATABLE OPTICS. 226W OF LED AND PROVIDE 26,359 DELIVERED LUMENS WITH A SPILL LIGHT TYPE 4 OPTIC AT 4000K. FIXTURE SHALL PROVIDE 116.6 LPW, A B-U-G RATING OF B2-U0-G5, 277 VOLTS, GRAY. PROVIDE APPROPRIATE BRACKET FOR MOUNTING ON STEEL POLE. BULL HORN BRACKETS NOT ACCEPTABLE.

N.T.S.



KEYED NOTES: THIS SHEET ONLY

- (1) ALL WORK ASSOCIATED WITH THE SERVICE ENTRANCE SHALL BE COORDINATED AND VERIFIED WITH EL PASO ELECTRIC AND SHALL COMPLY WITH ITS STANDARDS AND REQUIREMENTS.
- (2) METER CAN BY CONTRACTOR.
- 3 PROVIDE MAN-MADE GROUND CONSISTING OF 3 EACH 3/4"X10' COPPER CLAD GROUND RODS SPACED AT 10'-0" AND FORMING AN EQUILATERAL TRIANGLE. TOP OF RODS SHALL BE 12" BELOW FINAL FINISHED GRADE. CONNECT ALL 3 SIDES WITH #2 BARE SOFT DRAWN COPPER AT 18" BELOW GRADE.
- 480 VOLTS, 3P+S/N, 200 AMPS FUSED AT 200, NEMA 3R ENCLOSURE WITH GROUND BAR AND NEUTRAL KIT, RATED FOR SERVICE ENTRANCE.
- (5) LIGHT SWITCH FOR "OFF" OVERRIDE OCNTROL OF LIGHT STANDARDS.
- (6) PHOTOCELL/CONTACTOR FOR CONTROL OF LIGHT STANDARDS PER (6) ON SHEET E1.0. TORK #5404, 277 VOLTS, DPST, 3000 WATTS PER POLE, NEMA TYPE III RAINTITE. MOUNT ABOVE PANEL WITH PHOTOCELL FACING NORTH. PROVIDE SHIELD AS NECESSARY TO PREVENT LIGHTS FROM CYCLING ON AND OFF.
- (7) PROVIDE IN-USE TYPE WEATHERPROOF COVER RATED FOR EXTRA-DUTY APPLICATION AND WET LOCATION, DIE CAST ALUMINUM, REINFORCED HINGE.
- (8) PROVIDE UNISTRUT RACK AS FOLLOWS:
- a) UNISTRUT #P1001 VERTICAL SUPPORTS; 3 MINIMUM.
- UNISTRUT #P1000 HORIZONTAL SUPPORTS; 3 MINIMUM. EACH VERTICAL SUPPORT SHALL BE PROVIDED WITH A CONCRETE BASE AS FOLLOWS:
- 12" DIAMETER MINIMUM. 30" DEEP MINIMUM.
- TOP SHALL BE 6" ABOVE FINAL FINISHED GRADE.
- TOP SHALL BE DOMED FOR WATER RUNOFF. MATERIAL, UNISTRUT AND HARDWARE SHALL BE HOT DIPPED GALVANIZED.
- (9) MANUEL TRANSFER SWITCH, 200 AMPS, 3PDT, S/N, GROUND LUG, NEMA 3R ENCLOSURE.



CONCRETE BASE DETAIL: TYPE "LSA" LIGHT STANDARD ASSEMBLIES

N.T.S.

BELOW GRADE

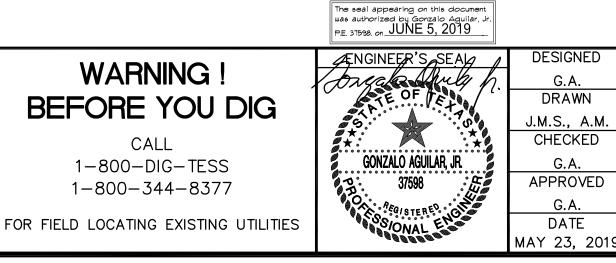
		EMERGENCY & LOCATO	OR SERVICES
		COUNTY OF EL PASO LOWER VALLEY WATER DISTRICT	(915) 546-2015 (915) 791-4480
		TIME WARNER COMMUNICATIONS	(915) 775–7415
		EL PASO ELECTRIC COMPANY VERIZON COMMUNICATIONS	(915) 877-3400 (800) 624-9675
		AT&T EMERGENCY EAST	(915) 588–9333
		TEXAS GAS SERVICE TXDOT	(800) 959-5325 (915) 790-4369
		12001	(913) 790-4308

DESCRIPTION

REV. DATE BY

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1-800-DIG-TESS 1-800-344-8377





-TO 480/277V-3ø-4W AERIAL SERVICE DROP



N.T.S.

PROJECT:	
	CUADRILLA PACKAGED
	WASTEWATER TREATMENT FACILITY
	AND SITE IMPROVEMENTS

SHEET TITLE:

PANEL SCHEDULES & DETAILS

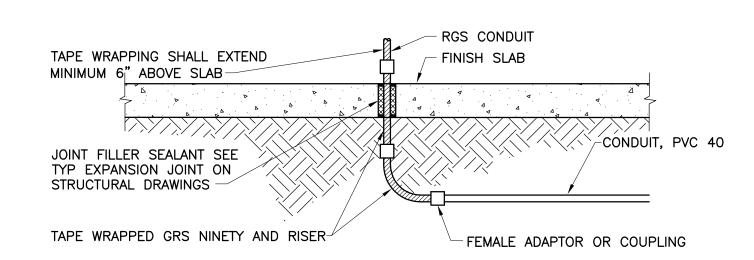
JOB NO. 1030-046 SEQUENCE NO. SHEET NO. <u>11</u> OF <u>17</u>

#### SUPPLEMENTARY SPECIFICATIONS

- ANTI-SEIZE COMPOUND. THE CONTRACTOR SHALL USE ANTI-SEIZE COMPOUND WHEN USING BOLTS AND SCREWS TO INSTALL ANY AND ALL TYPES OF PRE-MANUFACTURED EQUIPMENT. THIS INCLUDES TRANSFORMERS, PANELS, SWITCHGEAR, MOTORS, MOTOR CONTROLLERS, PANELS AND OTHER FIXTURES THAT ARE CONTRACTOR INSTALLED. THIS DOES NOT APPLY TO FACTORY-ASSEMBLED SYSTEMS THAT HAVE A UL OR SIMILAR LABEL. ACCEPTABLE ANTI-SEIZE COMPOUNDS ARE:
  - PERMATEX ANTI-SEIZE LOCTITE ANTI-SEIZE

BOSTIK NEVER SEEZ

- ANTI-CORROSION COMPOUND. ANTI-CORROSION COMPOUND SHALL BE USED TO PROTECT BUSBAR SPLICES OR CONDUCTOR TERMINATIONS IN CORROSIVE AREAS. APPLY IT IN COMPLIANCE WITH MANUFACTURER'S INSTRUCTIONS. ALL EXCESS COMPOUND SHALL BE WIPED OFF TO PREVENT ACCUMULATION OF DIRT OR CONTAMINANTS. IN CORROSIVE AREAS INSULATING BOOTS SHALL ALSO BE REQUIRED OVER SPLICES. ACCEPTABLE ANTI-CORROSION COMPOUND IS NO-OX-ID A SPECIAL ELECTRICAL GRADE OR EPWU APPROVED EQUAL.
- C. TESTING:
- GENERAL: PROVIDE A COMPLETE SET OF TESTS TO ENSURE THAT, A) THE SPECIFIED EQUIPMENT, MATERIALS AND COMPONENTS HAVE BEEN INSTALLED; B) THE INSTALLATION HAS BEEN DONE IN COMPLIANCE WITH MANUFACTURER'S INSTRUCTIONS, AND MANUFACTURER'S CERTIFICATION (WHERE APPLICABLE) HAS BEEN COMPLIED WITH; C) EQUIPMENT PERFORMS AS DESIGNATED AND INTENDED. CONTRACTOR TO COMPLY WITH ALL APPLICABLE SAFETY PROCEDURES WHILE PERFORMING ANY TESTING; NFPA 70E.
- DOCUMENTATION: WRITTEN REPORT FORMS FOR ALL TESTING SHALL BE INCLUDED IN THE O&M DOCUMENTATION. THIS SHALL INCLUDE WRITTEN RESULTS FOR ALL TESTING REQUIRED FOR ALL EQUIPMENT INSTALLED UNDER THIS SECTION. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER OR PEM (AS APPLICABLE) A WRITTEN STARTUP PROCEDURE FOR REVIEW AND APPROVAL.
- CERTAIN TESTING IS SIMPLE AND ROUTINE ENOUGH, AND CAN BE COMPETENTLY PERFORMED BY A QUALIFIED ELECTRICAL CONTRACTOR. OTHER TESTING, SUCH AS INSULATION TESTING AND OTHER SPECIALIZED EQUIPMENT TESTING REQUIRES THAT IT BE PERFORMED BY A THIRD PARTY TESTING COMPANY OR A FACTORY-TRAINED REPRESENTATIVE THAT IS COMPLETELY INDEPENDENT FROM THE ELECTRICAL CONTRACTOR.
- GROUNDING TEST: GROUNDING TEST TO VERIFY THE DESIGNED GROUNDING SYSTEM WAS INSTALLED AS DESIGNED. GROUND RESISTANCE TESTING EQUIPMENT SHALL BE OF THE CLAMP-ON OR 3-POINT TYPE, USING CALIBRATED EQUIPMENT SUCH AS THAT MADE BY AEMC, EXTECH OR FLUKE.
- VISUAL INSPECTION: VISUAL INSPECTION TEST TO VERIFY THAT, A) THE EQUIPMENT, MATERIALS, AND COMPONENTS WERE INSTALLED AS DESIGNED, B) THE APPROVED EQUIPMENT, MATERIALS AND COMPONENTS WERE INSTALLED, C) ALL MATERIAL, COMPONENTS AND ACCESSORIES WERE INSTALLED IN COMPLIANCE WITH NEC, APPLICABLE CODES AND STANDARDS, AND MANUFACTURER'S INSTRUCTIONS, D) ALL EQUIPMENT WAS INSTALLED IN COMPLIANCE WITH MANUFACTURER'S INSTRUCTIONS, AND WHERE SPECIFIED OR REQUIRED, A FACTORY AUTHORIZED REPRESENTATIVE WAS USED TO VERIFY THE EQUIPMENT WAS INSTALLED ACCORDINGLY, WAS ADJUSTED AND CALIBRATED PER MANUFACTURER'S INSTRUCTIONS, AND THE EQUIPMENT IS PERFORMING AS DESIGNED.
- INSULATION TEST: A COMPREHENSIVE INSULATION TEST THAT WHEN CORRECTLY PERFORMED, WILL ENSURE THE INSULATION OF ALL EQUIPMENT, MATERIAL AND COMPONENTS, AT ALL SPECIFIED VOLTAGES, PERFORMS IN COMPLIANCE WITH NETA AND MANUFACTURER'S SPECIFICATIONS. ALL INSULATED POWER CABLE TESTING SHALL BE DONE IN COMPLIANCE WITH THE CORRESPONDING IPCEA STANDARD BY A THIRD-PARTY TESTING COMPANY. FOR CABLE TERMINATIONS AT MOTOR JB, USE ILSCO MULTI-TAP CONNECTORS. FOR PUMP MOTOR, PERFORM WINDING INSOLATION TEST AND POLARITY INDEX TEST.
- CONTINUITY TEST: A CONTINUITY TEST IS MANDATORY TO ENSURE EACH WIRE OR CONDUCTOR IS TERMINATED AS DESIGNED OR AS REQUIRED SO THE
- CONDUCTOR PERFORMS SAFELY AND THE CIRCUIT PERFORMS AS INTENDED. PHASE SEQUENCE TEST: THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING A PHASE SEQUENCE TEST ON ALL THREE PHASE EQUIPMENT THAT REQUIRES IT TO PREVENT DAMAGE TO OTHER EQUIPMENT. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ANY DAMAGE CAUSED BY IMPROPER TESTING OR LACK THEREOF.
- STARTUP TESTING: CONTRACTOR TO FOLLOW MANUFACTURER'S WRITTEN STARTUP PROCEDURES TO ENSURE A CORRECT ADJUSTMENT AND STARTUP SEQUENCE AND TO MAINTAIN ANY APPLICABLE EQUIPMENT WARRANTIES. VERIFY CORRECT ALIGNMENT OF PUMP-MOTOR ASSEMBLY USING A LASER ALIGNMENT TESTER, OPTALIGN SMART RS5 OR EQUIVALENT
- PERFORMANCE TESTS: PRFORMANCE TESTING SHALL CONFIRM THE INSTALLED EQUIPMENT PERFORMS AS RATED BY THE MANUFACTURER.



## RISERS FROM DIRECT BURIED PVC CONDUIT

DESCRIPTION

REV. | DATE | BY

(TYP.) STAINLESS STEEL 1 5/8" U-CHANNEL STAINLESS STEEL END (TYP.) STAINLESS STEEL -CAPS (TYP.)  $\sim$  (4) 1/2" DIAMETER STÁINLESS STEEL (4) 1/2" DIAMETER STAINLESS EPOXY ANCHOR BOLTS POST BASE ST. STL. STEEL EPOXY ANCHOR BOLTS WITH LEVELING NUTS -POST BASE ST. STL. WITH LEVELING NUTS AND A AND A MIN. 7" EMBEDMENT MIN. 7" EMBEDMENT (TYP.) NEW CONCRETE SLAB NEW CONCRETE SLAB NOTES: 1. EQUIPMENT SHALL BE MOUNTED SO THAT INDICATION, ADJUSTMENTS, OR OPERATING HANDLES ARE FOUR TO FIVE FEET ABOVE CONCRETE SLAB.

2. MATERIALS AND HARDWARE SHALL CONFORM TO THE REQUIREMENTS OF DIVISION 26.

5'-0" MAX

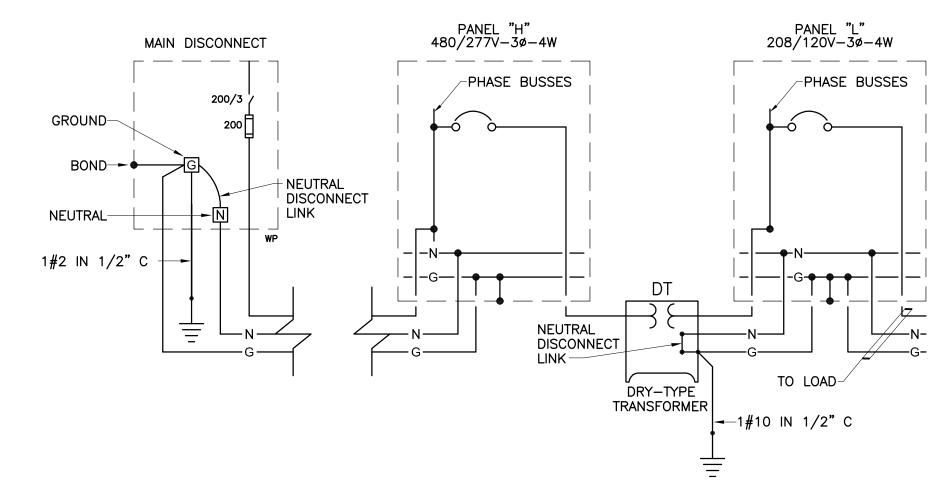
EQUIPMENT MOUNTING RACK DETAIL

NUMBER AND SPACING OF

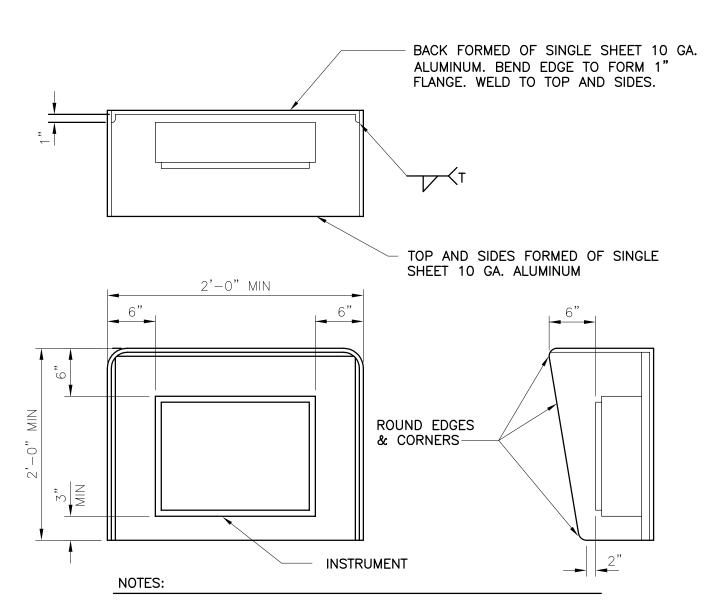
REQUIRED (TWO MINIMUM)

U-SHAPE CONNECTOR

CROSS MEMBERS AS

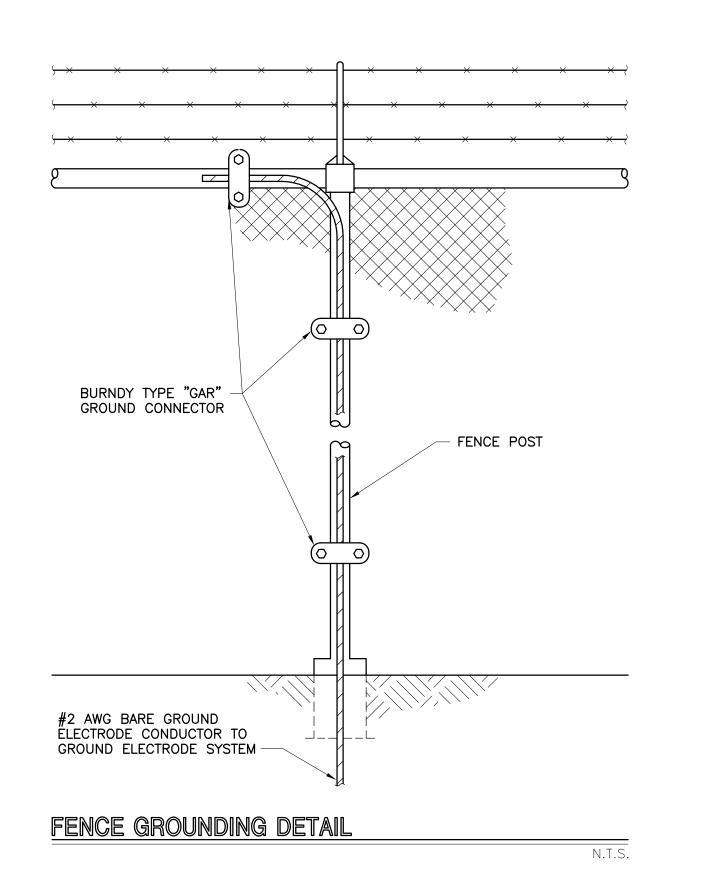


GROUNDING DETAIL FOR 480/277V-3Ø-4W SERVICE

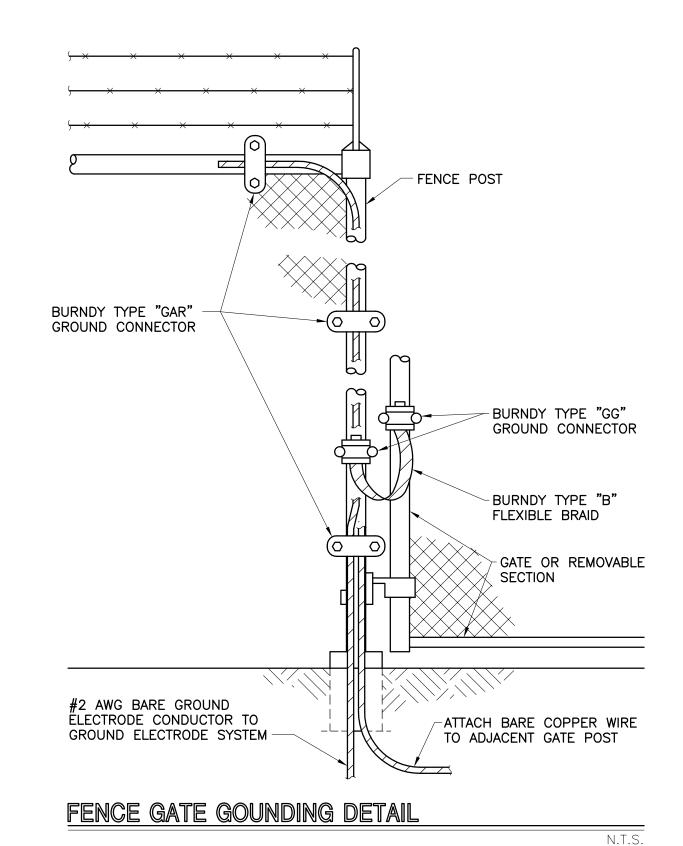


- 1. ALL EXPOSED EDGES TO BE GROUND SMOOTH AND BURR FREE.
- 2. MOUNT RAIN HOOD BETWEEN INSTRUMENT AND STANCHION. USE STAINLESS STEEL BOLTS AND INSULATING WASHERS AND SLEEVES.

FIELD INSTRUMENT SUN SHIELD DETAIL



1 5/8" BACK-TO-BACK STAINLESS STEEL U-CHANNEL

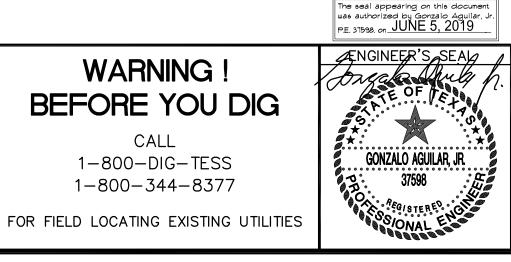


		EMERGENCY & LOCATO	OR SERVICE
		COUNTY OF EL PASO LOWER VALLEY WATER DISTRICT	(915) 546-2019 (915) 791-448
		TIME WARNER COMMUNICATIONS EL PASO ELECTRIC COMPANY	(915) 775–741! (915) 877–340
		VERIZON COMMUNICATIONS	(800) 624–967
		AT&T EMERGENCY EAST TEXAS GAS SERVICE	(915) 588-933 (800) 959-532
		TXDOT	(915) 790–436

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N.T.S.





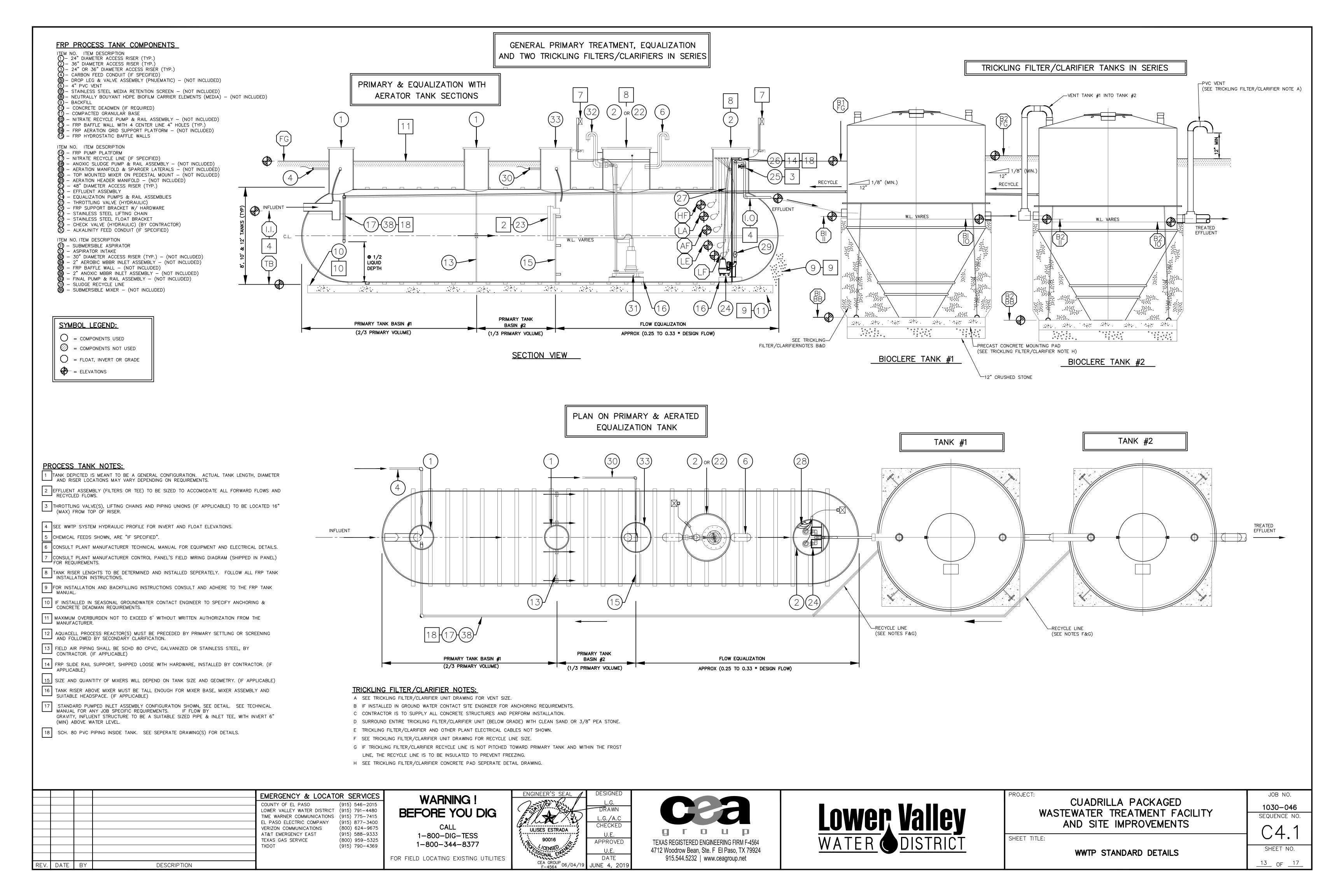
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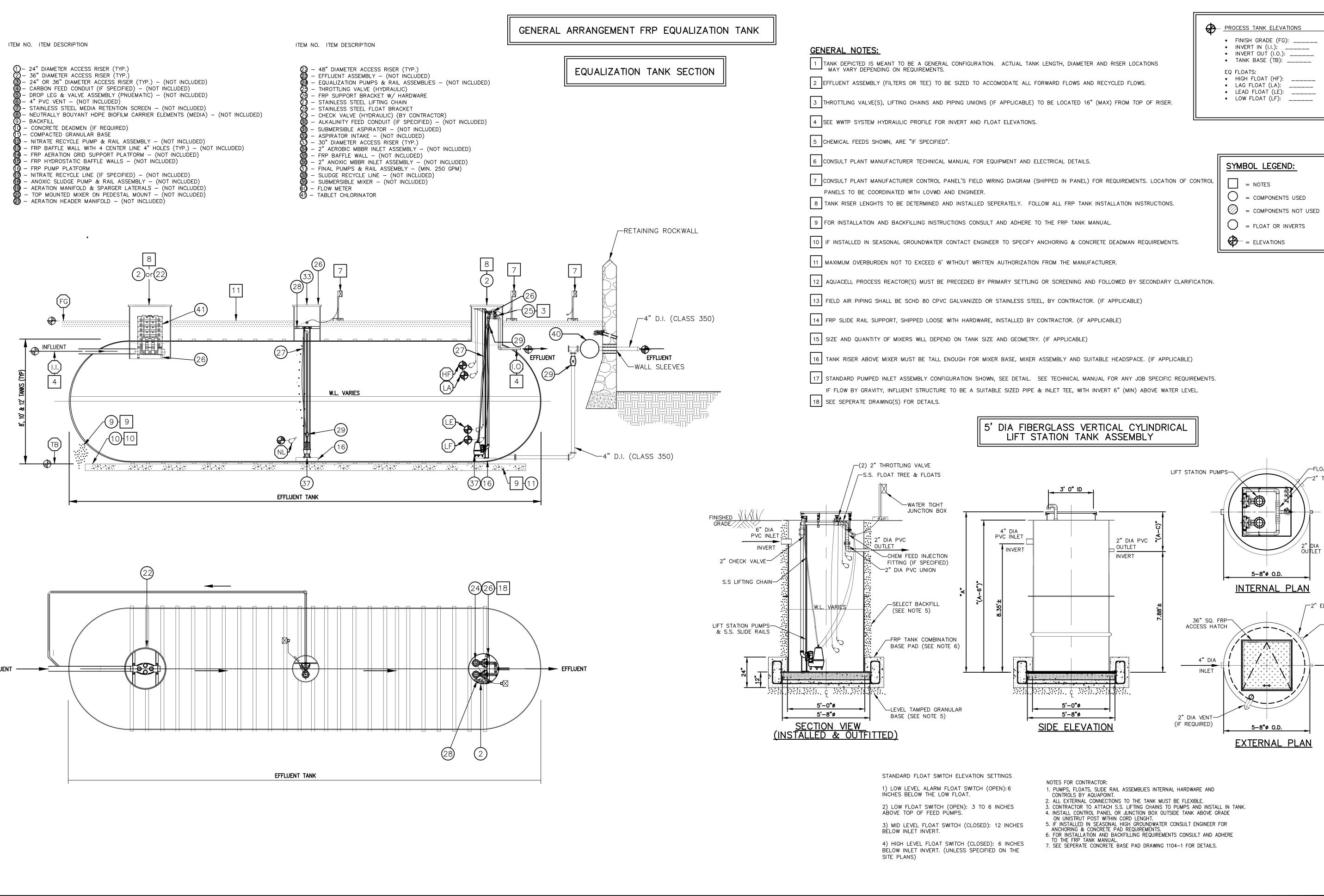


PROJECT:	
	CUADRILLA PACKAGED
	WASTEWATER TREATMENT FACILITY
	AND SITE IMPROVEMENTS

SHEET TITLE: ELECTRICAL DETAILS AND SUPPLEMENTRY SPECIFICATIONS

JOB NO.
1030-046
SEQUENCE NO.
F.3 ()
SHEET NO.
<u>12</u> OF <u>17</u>





		EMERGENCY & LOCATO	OR SERVICES
		COUNTY OF EL PASO LOWER VALLEY WATER DISTRICT	(915) 546-2015 (915) 791-4480
		TIME WARNER COMMUNICATIONS EL PASO ELECTRIC COMPANY VERIZON COMMUNICATIONS	(915) 775–7415 (915) 877–3400 (800) 624–9675
		AT&T EMERGENCY EAST TEXAS GAS SERVICE	(915) 588–9333 (800) 959–5325
		TXDOT	(915) 790-4369

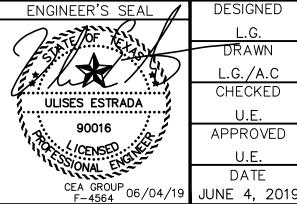
DESCRIPTION

REV. DATE BY

# **WARNING! BEFORE YOU DIG**

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FOR FIELD LOCATING EXISTING UTILITIES







PROJECT: CUADRILLA PACKAGED WASTEWATER TREATMENT FACILITY AND SITE IMPROVEMENTS

SHEET TITLE:

JOB NO. 1030-046 SEQUENCE NO. SHEET NO.

<u>14</u> OF <u>17</u>

∕-FLOAT HANGER

-2" THROTTLING VALVE

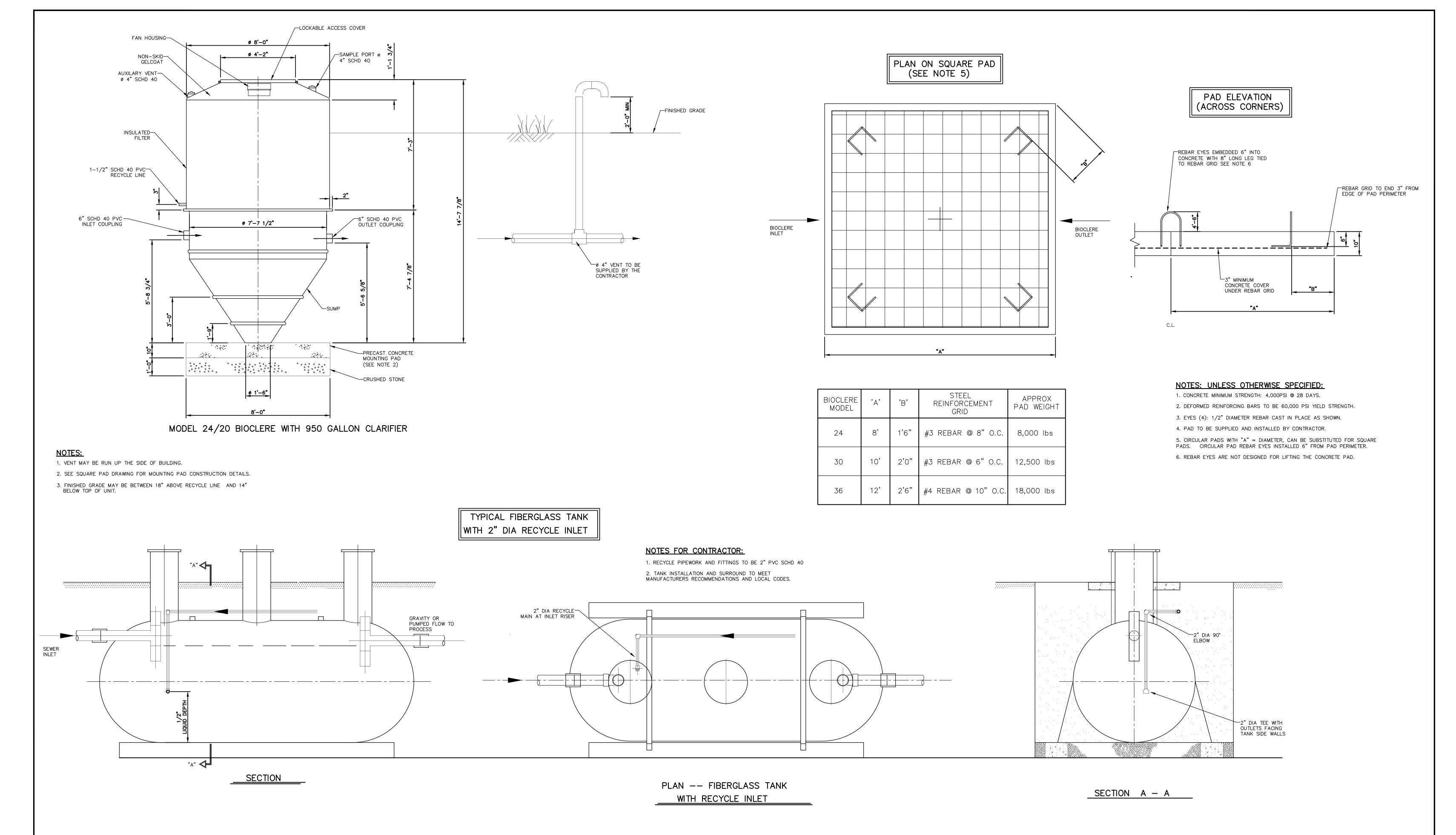
\_\_\_2" ELECTRICAL CONNECTION

2" CHEM FEED

CONNECTION

(IF SPECIFIED)

WWTP STANDARD DETAILS

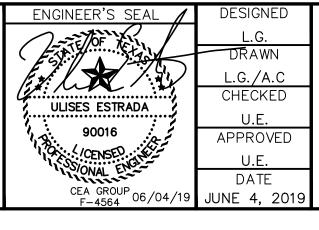


				EMERGENCY & LOCATO	OR SERVICES
				COUNTY OF EL PASO LOWER VALLEY WATER DISTRICT	(915) 546-2015 (915) 791-4480
				TIME WARNER COMMUNICATIONS EL PASO ELECTRIC COMPANY	(915) 775–7415 (915) 877–3400
				VERIZON COMMUNICATIONS AT&T EMERGENCY EAST	(800) 624–9675 (915) 588–9333
				TEXAS GAS SERVICE TXDOT	(800) 959–5325 (915) 790–4369
				TXDOT	(915) 790-4369
REV.	DATE	BY	DESCRIPTION		

# WARNING! BEFORE YOU DIG

CALL 1-800-DIG-TESS 1-800-344-8377

FOR FIELD LOCATING EXISTING UTILITIES







CUADRILLA PACKAGED
WASTEWATER TREATMENT FACILITY
AND SITE IMPROVEMENTS

SHEET TITLE:

WWTP EXCAVATION DETAILS

JOB NO.

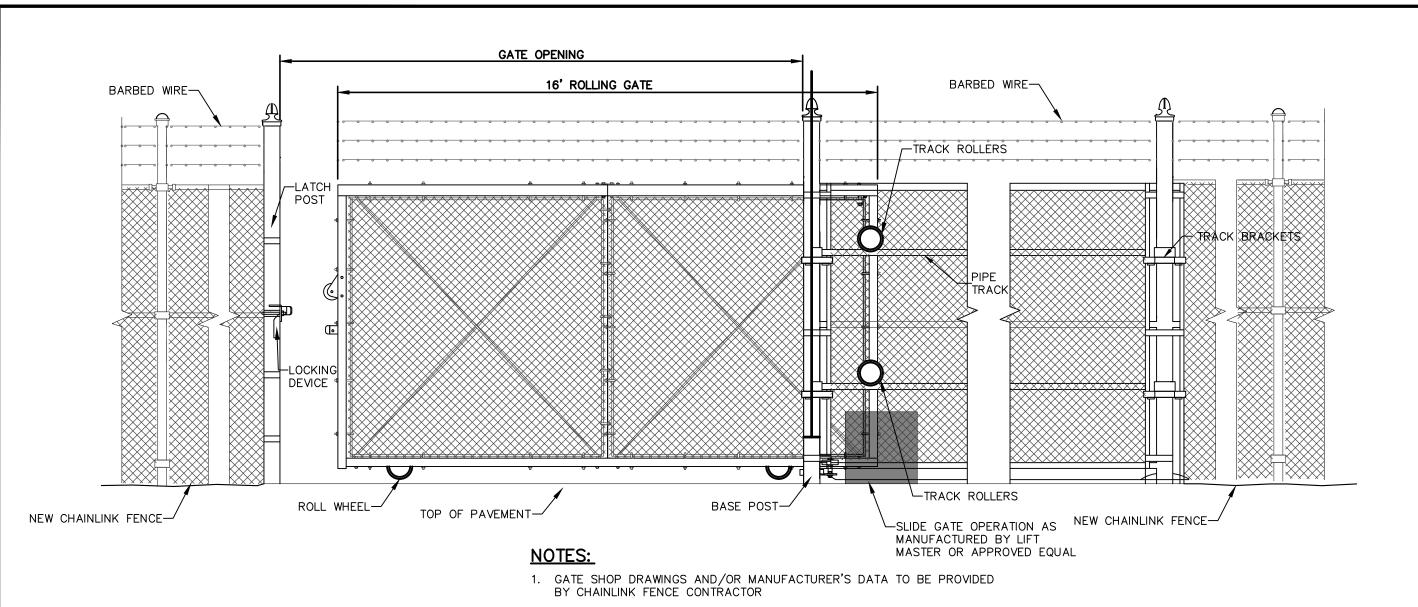
1030-046

SEQUENCE NO.

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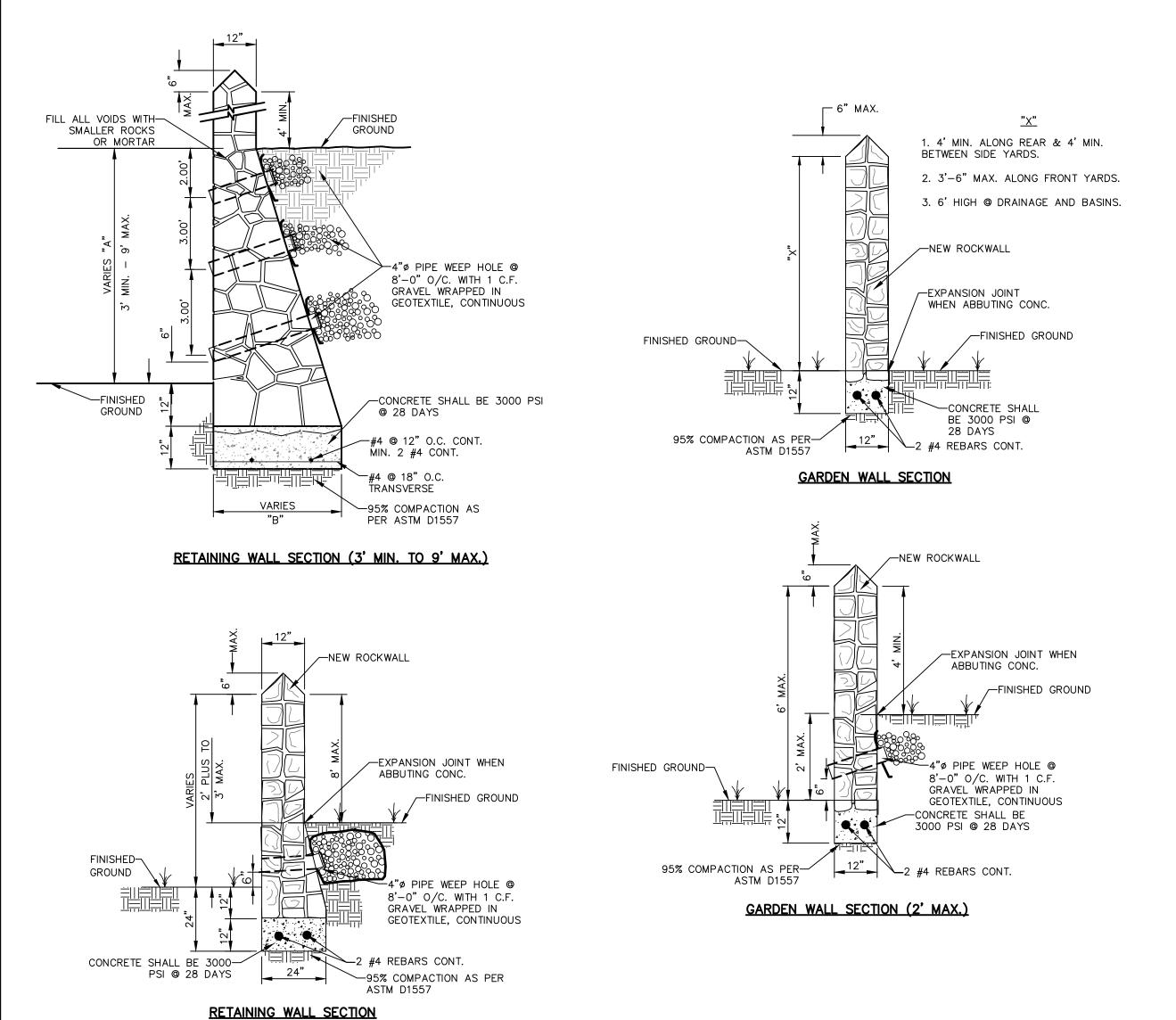
SHEET NO.

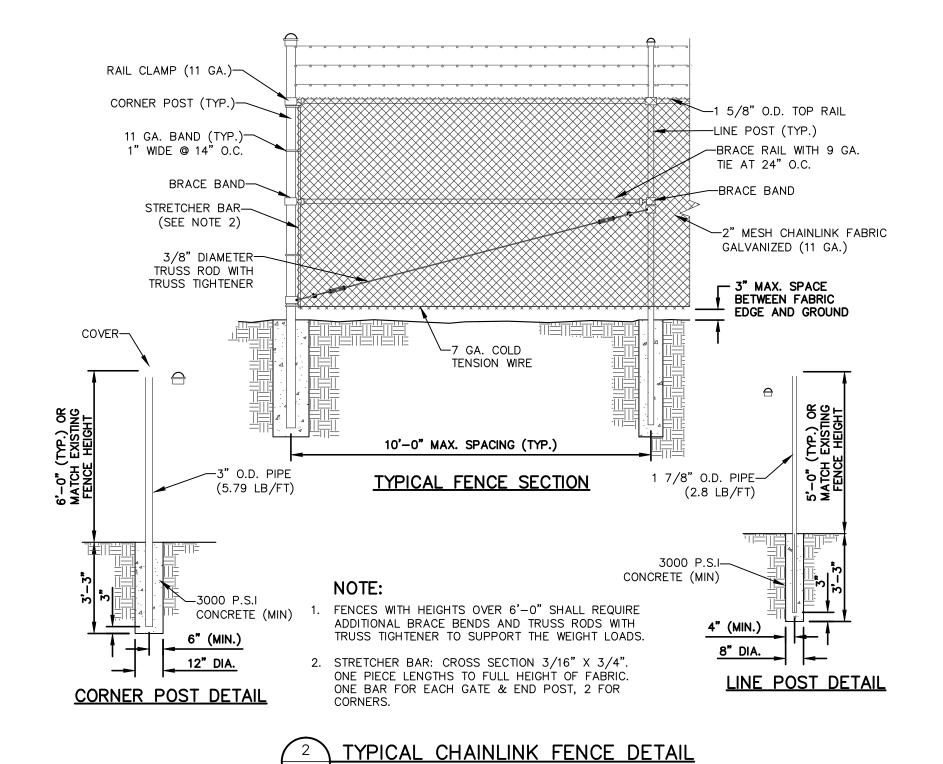
15 OF 17



- 2. INSTALL AS PER MANUFACTURER'S INSTRUCTIONS.
- 3. PIPE TRACK SPACING AS PER MANUFACTURER'S INSTRUCTIONS.

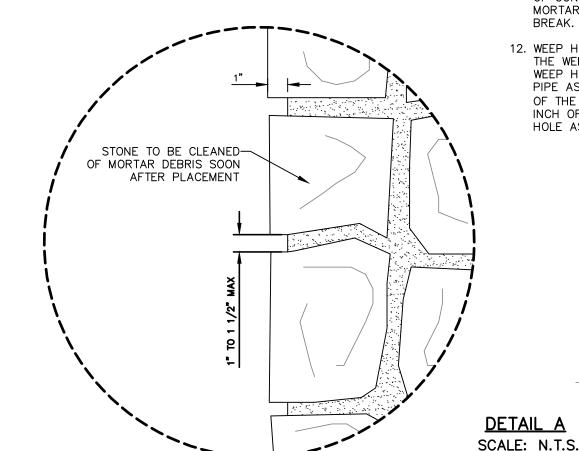






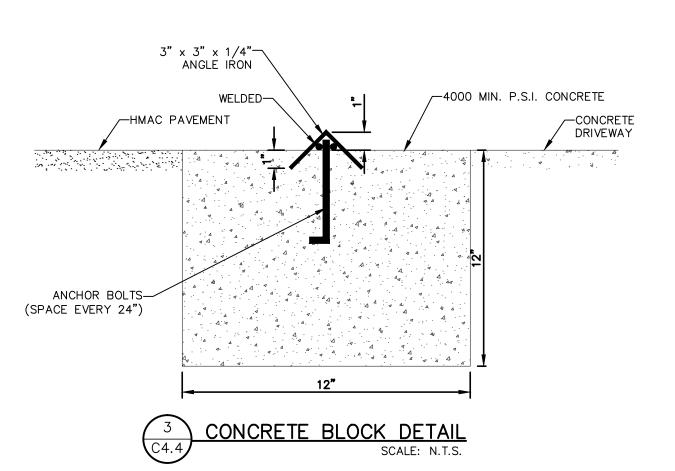
#### **ROCK WALL NOTES**

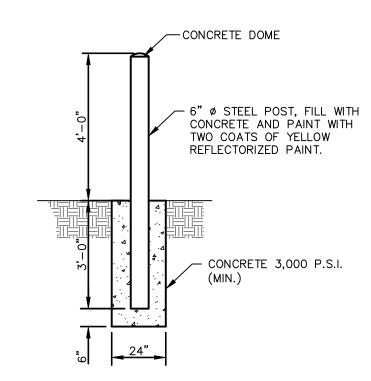
- 1. STONE FOR ROCKWALL SHALL BE AS NEARLY UNIFORM IN SECTIONS AS IN PRACTICABLE THE STONE SHALL BE DENSE AND RESISTANT OF AIR AND WATER.
- 2. MORTAR MUST BE TYPE "S" 1800 P.S.I. AS PER ASTM C270.
- 3. MASONRY WALL OVER SIX (6) FEET IN HEIGHT AND THOSE USED FOR EARTH RETENTION OVER TWO (2) FEET MUST BE DESIGNED AS STRUCTURAL WALLS.
- 4. ROCKWALL MORTAR JOINTS MUST NOT EXCEED TWO (2) INCHES.
- 5. PROVIDE ONE (1) INCH EXPANSION JOINTS AT EVERY 100 FEET. 6. ALL STONE SHALL BE THOROUGHLY SOAKED BEFORE BEING PLACED
- 7. ALL STONE FOR ROCKWALLS SHALL BE FRACTURED QUARRIED ROCK OR ROUND ROCK, NO RIVER ROCK SHALL BE ALLOWED.
- 8. REINFORCING STEEL SHALL BE ASTM A615 GRADE 40.
- 9. ALLOWABLE SOIL BEARING PRESSURE = 2,200 PSI (MINIMUM).
- 10. BACKFILL MATERIALS SHALL CONSIST OF COARSE GRAINED, WELL-DRAINED SOILS (WITH NO CLAY CONTENT).
- 11. MATERIALS: STONE FOR ROCK WALLS SHALL CONSIST OF QUARRIED LIMESTONE AS NEARLY UNIFORM IN SECTION AS IS PRACTICABLE. FIELD STONE OR SALVAGED STONE FROM ROCK WALLS SHALL BE USED ONLY WHERE DIRECTED BY THE ENGINEER. THE STONE SHALL BE DENSE, RESISTANT TO THE ACTION OF AIR AND WATER, CLEAN OF OLD MORTAR AND SUITABLE IN ALL RESPECTS FOR THE PURPOSE INTENDED.

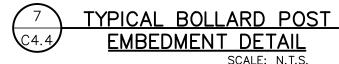


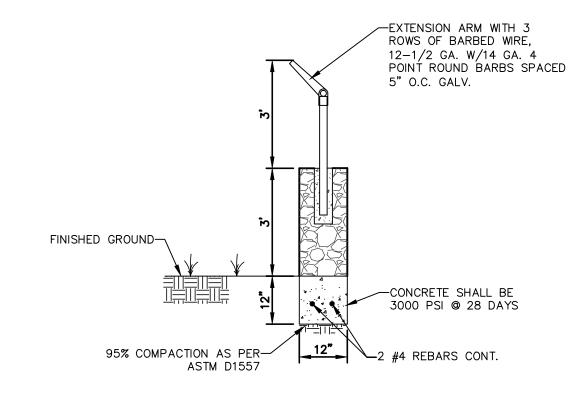
- 12. CONSTRUCTION METHODS: PRIOR TO PLACING THE CONCRETE FOUNDATION, THE EXCAVATION FOR THE ROCK WALLS SHALL BE MADE TO THE PROPER SECTION, AND, IF CONSIDERED NECESSARY BY THE ENGINEER, THE BOTTOM OF EXCAVATION SHALL BE HAND-TAMPED AND SPRINKLED. THE EXCAVATED AREA FOR ROCK WALLS SHALL BE MOIST WHEN THE CONCRETE IS PLACED. REINFORCING STEEL SHALL BE PLACED CONTINUOUSLY AS SHOWN ON THE PLANS AND PROPERLY SUPPORTED THROUGHOUT THE PLACEMENT OF CONCRETE. THE SURFACE OF THE CONCRETE SHALL NOT BE TROWELED. THE CONCRETE SHALL BE CURED A MINIMUM OF 24 HOURS BEFORE ANY STONE OR MORTAR IS PLACED ON THE FOUNDATION. THE CONCRETE SHALL BE CURED A MINIMUM OF 48 HOURS BEFORE MORE THAN 300 POUNDS PER SQUARE FOOT OF STONE AND MORTAR IS PLACED ON THE FOUNDATION. CONTRACTOR SHALL EMBED THE FIRST FOUR INCHES OF THE FIRST LAYER INTO THE FRESH CONCRETE OF THE FOOTING.
- 13. STONE SHALL BE SELECTED AS TO SIZE AND SHAPE IN ORDER TO SECURE FAIRLY LARGE, FLAT-SURFACED STONE WHICH MAY BE ERECTED WITH TRUE AND EVEN SURFACE FACES AND A MINIMUM OF EXPOSED MORTAR. ALL STONES SHALL BE THOROUGHLY CLEANED, WETTED, HAND-PLACED AND EMBEDDED IN MORTAR SO THAT NO STONES SHALL TOUCH EACH OTHER OR THE CONCRETE FOUNDATION BUT SHALL BE FIRMLY BOUND TOGETHER WITH MORTAR. THE FINISHED SURFACE SHALL PRESENT A NEAT, CLEAN, WORKMANLIKE AND TRUE-TO-LINE APPEARANCE. THE INTERIOR OF THE ROCK WALL SHALL BE COMPLETELY FILLED WITH SPALLS AND PIECES OF THE SPECIFIED STONE, COMPLETELY EMBEDDED AND SURROUNDED BY MORTAR WITH NO VOIDS.
- 11. THE ERECTION OF THE ROCK WALL SHALL NOT BE MORE THAN THREE FEET IN HEIGHT FOR EVERY 24-HOUR PERIOD TO ALLOW FOR THE LOWER PORTIONS TO BECOME SUFFICIENTLY SET. ALL STONES SHALL BE THOROUGHLY WET BEFORE BEING PLACED IN FRESH MORTAR. THE LAST LAYER OF ROCK PRIOR TO BREAK OF CONSTRUCTION PHASE SHALL NOT HAVE ANY MORTAR ON TOP. FRESH MORTAR MUST BE USED FOR CONTINUATION OF WORK FOLLOWING ERECTION
- 12. WEEP HOLES SHALL BE PLACED ON THE ROCK WALL AS SHOWN ON THE PLANS. THE WEEP HOLES SHALL BE NOT MORE THAN TEN FEET APART ON-CENTER. THE WEEP HOLES SHALL CONSIST OF FOUR-INCH VITRIFIED CLAY PIPE, OR OTHER PIPE AS APPROVED BY THE ENGINEER, NEATLY CUT TO THE EXPOSED SURFACE OF THE ROCK WALL. NO LESS THAN ONE CUBIC FOOT OF ONE-INCH TO 3/4-INCH OF GRADED GRAVEL SHALL BE PLACED AT THE INLET OF EACH WEÉP HOLE AS SHOWN ON THE PLANS.

RETAINING ROCK WALL				
"A"	"B"			
3.01'	2'-6"			
4'	2'-10"			
5'	3'-3"			
6'	3'-8"			
7'	4'-0"			
8'	4'-5"			
9'	4'-10"			









<u>TYPICAL ROCKWALL AND CHAINLINK FENCE DETAILS</u>

(3)	TYPICAL ROCKWALL DETAILS
C4.4	SCALE: $1/2" = 1'-0"$

		EMERGENCY & LOCATO	OR SERVICES
		COUNTY OF EL PASO LOWER VALLEY WATER DISTRICT	(915) 546-2015 (915) 791-4480
		TIME WARNER COMMUNICATIONS	(915) 775–7415
		EL PASO ELECTRIC COMPANY VERIZON COMMUNICATIONS	(915) 877-3400 (800) 624-9675
		AT&T EMERGENCY EAST	(915) 588-9333
		TEXAS GAS SERVICE	(800) 959-5325
		TXDOT	(915) 790–4369

(2' PLUS TO 3' MAX.)

DESCRIPTION

## **WARNING!** BEFORE YOU DIG

1-800-DIG-TESS 1-800-344-8377

FOR FIELD LOCATING EXISTING UTILITIES

ENGINEER'S SEAL	DESIGNED
( ==== 10	L.G.
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90016	APPROVED
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CEA GROUP F-4564 06/04/19	JUNE 4, 2019



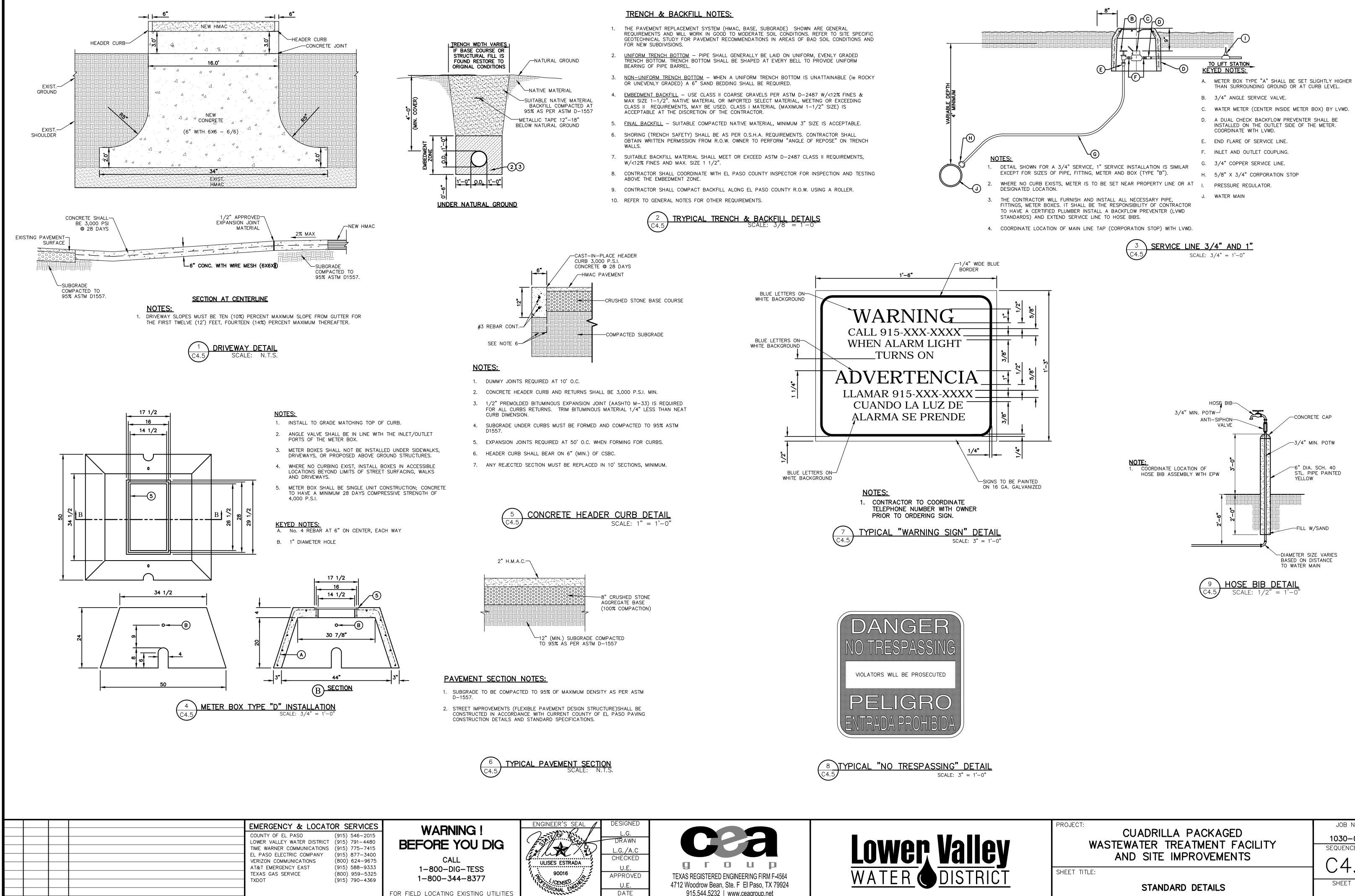


PROJECT:
CUADRILLA PACKAGED
WASTEWATER TREATMENT FACILITY
AND SITE IMPROVEMENTS

SHEET TITLE:

STANDARD DETAILS

	JOB NO.
	1030-046
	SEQUENCE NO.
_	
	<u> </u>
	SHEET NO.



4712 Woodrow Bean, Ste. F El Paso, TX 79924

915.544.5232 | www.ceagroup.net

DATE

JUNE 4, 2019

CEA GROUP F-4564 06/04/19

FOR FIELD LOCATING EXISTING UTILITIES

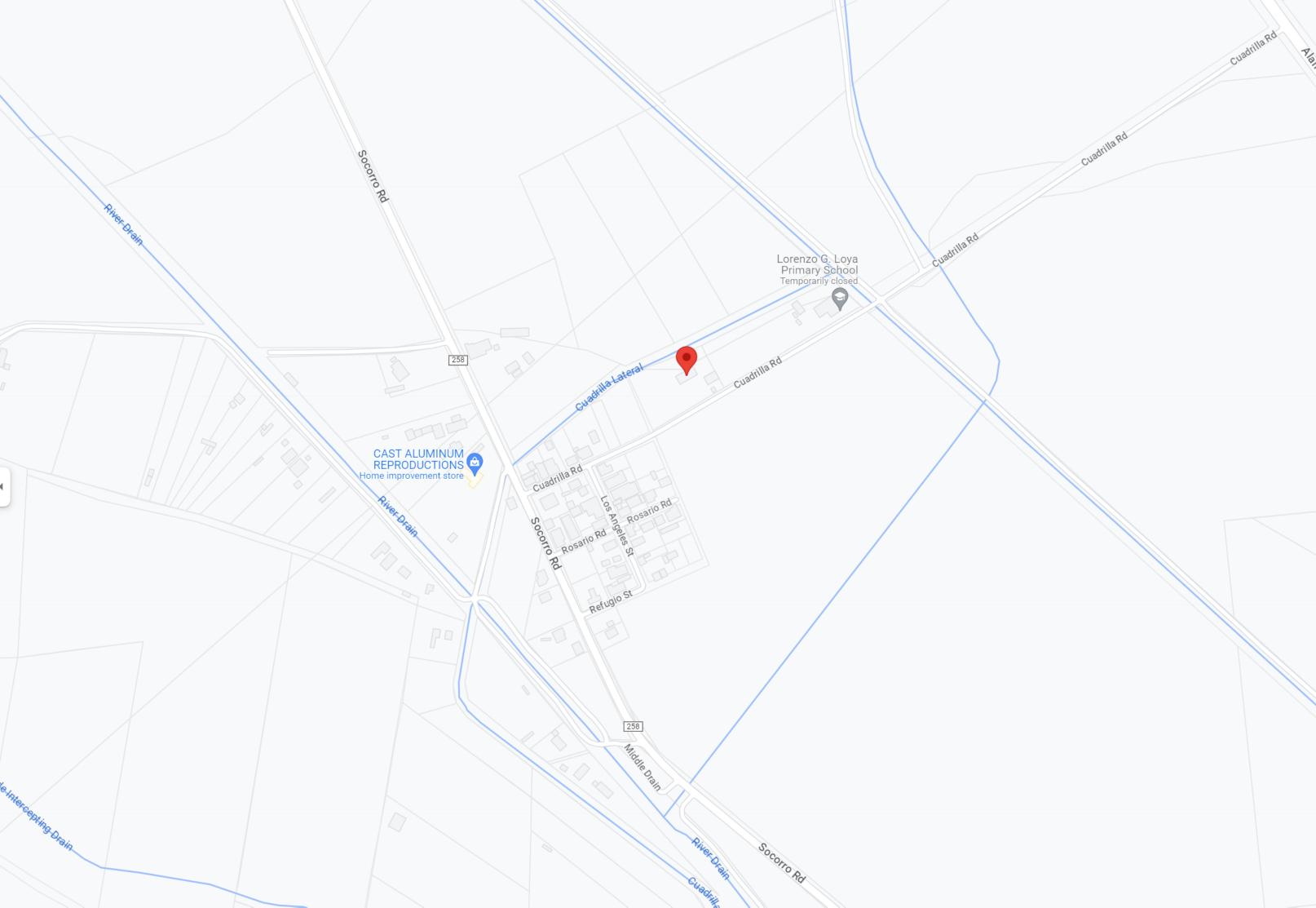
REV. DATE BY

DESCRIPTION

1030-046 SEQUENCE NO. SHEET NO. STANDARD DETAILS <u>17</u> of <u>17</u>

JOB NO.

# **CUADRILLA ROAD MAP**



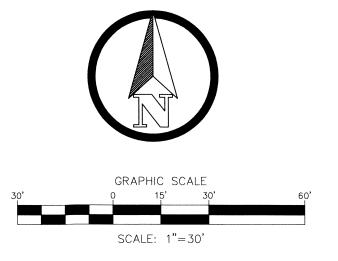
# **TOPOGRAPHIC SURVEY**

FOUND ORIGINAL COUNTY IRON

MONUMENT

# TOPOGRAPHIC SURVEY

TRACT 11A1, BLOCK 5, AND A PORTION OF TRACT 2C, BLOCK 40, SAN ELIZARIO GRANT, **EL PASO COUNTY, TEXAS,** AREA 1.60 ACRES ±



#### GENERAL NOTES

- LOCATION OF ALL UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL UTILITY COMPANIES FOR THE EXACT LOCATION OF UNDERGROUND AND OVERHEAD UTILITIES INCLUDING UTILITIES NOT SHOWN ON PLANS. THE CONTRACTOR SHALL PROTECT ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES AND ANY UTILITIES NOT SHOWN THIS PLAN DURING CONSTRUCTION. THE CONTRACTOR WILL PERFORM ALL UTILITY INSTALLATION. REMOVAL AND RELOCATION'S AS PER LOCAL UTILITY CONSTRUCTION SPECIFICATIONS.
- CONDITIONS, AND ELEVATIONS ON SITE AND SHALL CONTACT THI DESIGN ENGINEER AND REPORT ANY DISCREPANCIES, OMISSIONS
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE COUNTY OF EL PASO STANDARD SPECIFICATIONS AND DETAILS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITTING NECESSARY FOR EARTHWORK OPERATIONS.
- CONTRACTOR SHALL COORDINATE RELOCATION OF ALL EXISTING UTILITIES AND MANHOLE WITH RESPECTIVE UTILITY COMPANIES.
  CONTRACTOR SHALL PERFORM ALL EARTHWORK REQUIREMENTS AS PER GEOTECHNICAL STUDY REPORT.
- A CALL WAS PLACED TO TEXAS DIG SAFE NUMBER (811) TO ACQUIRE LINE—SPOTS. CONFIRMATION NUMBER IS 1866686082.

- BEARINGS SHOWN ARE GRID BEARINGS DERIVED FROM RTK OBSERVATIONS TO THE TEXAS CO-OP NETWORK. REFERRED TO THE TEXAS COORDINATE SYSTEM (NAD 83) CENTRAL ZONE. DISTANCES ARE GROUND DISTANCES AND CAN BE CONVERTED TO GRID BY DIVIDING BY 1.000231.
- THESE NAVD 88 ELEVATIONS WERE DERIVED FROM APPLICATION OF THE GEOID 2012A MODEL TO RTK CO-OP ELLIPSOID HEIGHTS (ACCURACY  $\pm$  0.16') THIS PROPERTY MAY BE SUBJECT TO EASEMENTS WHETHER OF RECORD OR NOT, (ONLY EASEMENT LISTED ON THE TITLE COMMITMENT SHOWN). NO ADDITIONAL RESEARCH WAS PERFORMED BY B&A INC. FOR ANY RESERVATION, BUILDING LINE, AND OR EASEMENTS WHICH MAY OR MAY NOT AFFECT SUBJECT PARCEL. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR
- ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES ARE IN THE EXACT LOCATION INDICATED. THEY ARE LOCATED AS ACCURATE AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. SUBJECT PROPERTY SHOWN HEREON APPEARS TO BE LOCATED IN ZONE "X", PER F.I.R.M. PANEL NUMBER 480212 300B, LAST REVISION DATE 09-04-91.
- THIS SURVEYOR MAKES NO GUARANTEES AS TO THE ACCURACY OF THE ABOVE INFORMATION. THE LOCAL F.E.M.A. AGENT SHOULD BE CONTACTED FOR THIS SURVEY WAS DONE WITHOUT THE BENEFIT OF A TITLE COMMITMENT.

## BENCHMARK

U 1392 (CE0378) N.G.S. METAL ROD AT JUNCTION OF PAVED ROAD LEADING SOUTHWEST TO CUADRILLA, SOUTHWEST OF CENTERLINE OF THE HIGHWAY 80. BY RTK OBSERVATION.

ELEVATION: 3621.03 (NAVD 88)

#### DUST AND EROSION CONTROL NOTE

CONTRACTOR SHALL MAKE PROVISIONS FOR TEMPORARY DUST AND EROSION CONTROL WHERE EXTENSIVE DIRT OR DUST OPERATIONS ARE PERFORMED. USE WATER SPRINKLING AND OTHER METHODS TO LIMIT DUST AND DIRT MIGRATION. COMPLY WITH GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.

#### BEFORE YOU DIG

EL PASO ELECTRIC COMPANY SOUTHERN UNION GAS COMPANY EMERGENCY HOT LINE

PUBLIC SERVICE BOARD (WATER&SEWER) TIME WARNER CABLE EL PASO NATURAL GAS COMPANY TEXAS EXCAVATION SAFETY SYSTEM

1-877-213-1053 (915) 544-6300 562-8411/562-2003 (915) 594-5500 1-800-222-5355 1-800-334-8047 811

1-800-592-1634

	REVISIONS	
DATE	DESCRIPTION	B)



LINE TABLE LINE BEARING LENGTH L1 N52\*37'24"E 8.30'

(N49**'**34'00"E)

O — CALCULATED POINT (NOT SET)

M - MANHOLE

ZZZZZ - ROCK WALL

— CONCRETE

— PAVEMENT O -- POWER POLE

→ ANCHOR ----POWER LINE

TELECOMMUNCATIONS
LINE

LEGEND

## Barragan & Associates Inc.

LAND PLANNING & LAND SURVEYING TBPLS FIRM # 10151200 10950 Pellicano Dr. Bldg. F — El Paso TX 79935 Phone (915) 591-5709 Fax (915) 591-5706 COPYRIGHT () 2017 BARRAGAN & ASSOCIATES INC. ALL RIGHTS RESERVED NO PART OF THIS DRAWING MAY BE REPRODUCED OR RETRANSMITTED IN ANY WAY OR FORM (ELECTRONIC, MECHANICA) PHOTOCOPYING OR OTHERWISE) WITHOUT THE EXPRESS WRITTEN PERMISSION OF BARRAGAN & ASSOCIATES

PROJECT NAME

CUADRILLA DECENTRALIZED WWWTP

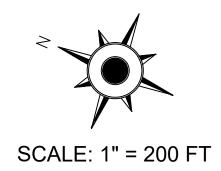


# THE EFFLUENT LINE - DISCHARGE POINT (3 MILES)



WWTP EFFLUENT LINE

EXISTING WWTP



EPCWID #1 (SHEET 1 OF 2)



# LANDOWNERS ALONG THE PATH TO DISCHARGE (3 MILES)

MACEID	חם חבודע וה	LOT INFORMATION	ADDRECC
1AGE ID	PROPERTY ID	OWNER ON FILE	ADDRESS
1	406658	ROSALES FERNANDO & MARINA	15199 SOCORRO ROAD
2	302950	SOSA JOEL & BERTA	3050 TORREON TX
3 4	189687 371628	ORTIZ EMMA C & ROBERTO & 1	351 CUADRILLA CUT-OFF
5	12952		
	357855	KIMPEL ROBERT L  BASHIR DEBBA	N/A N/A
6	233990	MADRID JESUS M & ROSA I	15201 SOCORRO ROAD
/	207131		
8		PEREZ MARIA G	CLINT
9	299465	CERA JOSE JR	N/A
10	342272	GONZALES PEDRO	15251 SOCORRO ROAD
11	283539	GONZALES PEDRO	380 ROSARIO
12	53243	CERA JOSE JR	15220 LOS ANGELES
13	302735	CERA RAUL G & ROSA	15226 LOS ANGELES
14	294453	CASTILLO MARIO & MARIA D	N/A
15	278169	CORRAL FELIX M	15201 LOS ANGELES
16	170444	ESCOBAR ROSARIO & DOMINGA	15205 LOS ANGELES
17	164992	GALVAN ANITA	15221 LOS ANGELES
18	238836	BUENO CARLOS M & ESCOBAR MELISSA E	15215 LOS ANGELES
19	279933	LOPEZ RUDY	N/A
20	332738	OCHOA ANA M & ORTAN (EST)	N/A
21	211058	HERNANDEZ JUANA V (LE)	359 ROSARIO
22	18876	CATHOLIC DIOCESE OF EL PASO	SOCORRO ROAD
23	320600	CATHOLIC DIOCESE OF EL PASO	SAN JOSE MISSION CH
24	293629	RIVERA JOSEFA & 2	15220 LOS ANGELES
25	111312	PEREZ REYNOLFO & BEATRIZ	N/A
26	234779	GARDEA SOCORRO & EMILIA	N/A
27	318108	GARDEA SOCORRO & EMILIA	15253 CUADRILLA
28	349603	VASQUEZ YOLANDA	15221 LOS ANGELES
29	63556	ESCOBAR MOSES	358 ROSARIO
30	140002	MISQUEZ SIMON	15229 LOS ANGELES
31	227412	MISQUEZ SUSANA	N/A
32	222280	MISQUEZ SIMON & NICOLAS	15229 LOS ANGELES
33	400987	SEPULVEDA JUAN A	15231 LOS ANGELES
34	308473	KIMPEL DOLORES & ROBERT	355 REFUGIO
35	267393	KIMPEL ROBERT L	359 REFUGIO
36	50183	MARQUEZ ISMAEL	15200 SOCORRO
37	22673	BRETADO MARIA DEL S & CARLOS A	15250 SOCORRO
38	219275	KIMPEL ROBERT & DOLORES M	15260 CUADRILLA
39	63612	KIMPEL ROBERT & DOLORES M	15270 CUADRILLA
40	366089	KIMPEL ROBERT L	15280 CUADRILLA
41	404935	KIMPEL ROBERT L	15280 CUADRILLA
42	298649	HARDING RYAN J	N/A
43	243311	FFR ENTERPRISES LLC	N/A
44	139585	FFR ENTERPRISES LLC	N/A
45	121095	FFR ENTERPRISES LLC	N/A
46	30120	FFR ENTERPRISES LLC	N/A
47	383947	FFR ENTERPRISES LLC	N/A
48	295070	FFR ENTERPRISES LLC	N/A
49	241815	FFR ENTERPRISES LLC	N/A
50	226101	FFR ENTERPRISES LLC	N/A
51	330780	FFR ENTERPRISES LLC	N/A
52	20553	FFR ENTERPRISES LLC	N/A
53	393583	FFR ENTERPRISES LLC	N/A
54	332969	FFR ENTERPRISES LLC	N/A
55	332969	FFR ENTERPRISES LLC	N/A
56	332969	FFR ENTERPRISES LLC	N/A
57	332969	FFR ENTERPRISES LLC	N/A
58	332394	FFR ENTERPRISES LLC	15920 CUADRILLA
59	380768	GRIJALVA CHILDREN TRUST	N/A
60	332969	FFR ENTERPRISES LLC	N/A
61	213125	CHASE FARMS LLC	N/A
62	_	U.S.R.S.	N/A
63	269491	MUNOZ JOHN	CUADRILLA
64	413275	MUNOZ JOHN	N/A

EPCWID #1 (SHEET 2 OF 2)



# USGS - CUADRILLA SITE



# **FEMA**

#### FEMA Map Service Center Flood Map

#### Enter an address, place, or coordinates: 0

341 cuadrilla road, clint, texas 79836

Search



Whether you are in a high risk zone or not, you may need <u>flood insurance</u> because most homeowners insurance doesn't cover flood damage. If you live in an area with low or moderate flood risk, you are 5 times more likely to experience flood than a fire in your home over the next 30 years. For many, a National Flood insurance Program's flood insurance policy could cost less than \$400 per year. Call your insurance agent today and protect what you've built.

Learn more about steps you can take to reduce flood risk damage.

## Search Results—Products for **EL PASO COUNTY UNINCORPORATED AREAS**

Show ALL Products »

The flood map for the selected area is number 4802120300B, effective on 9/4/1991



Changes to this FIRM @

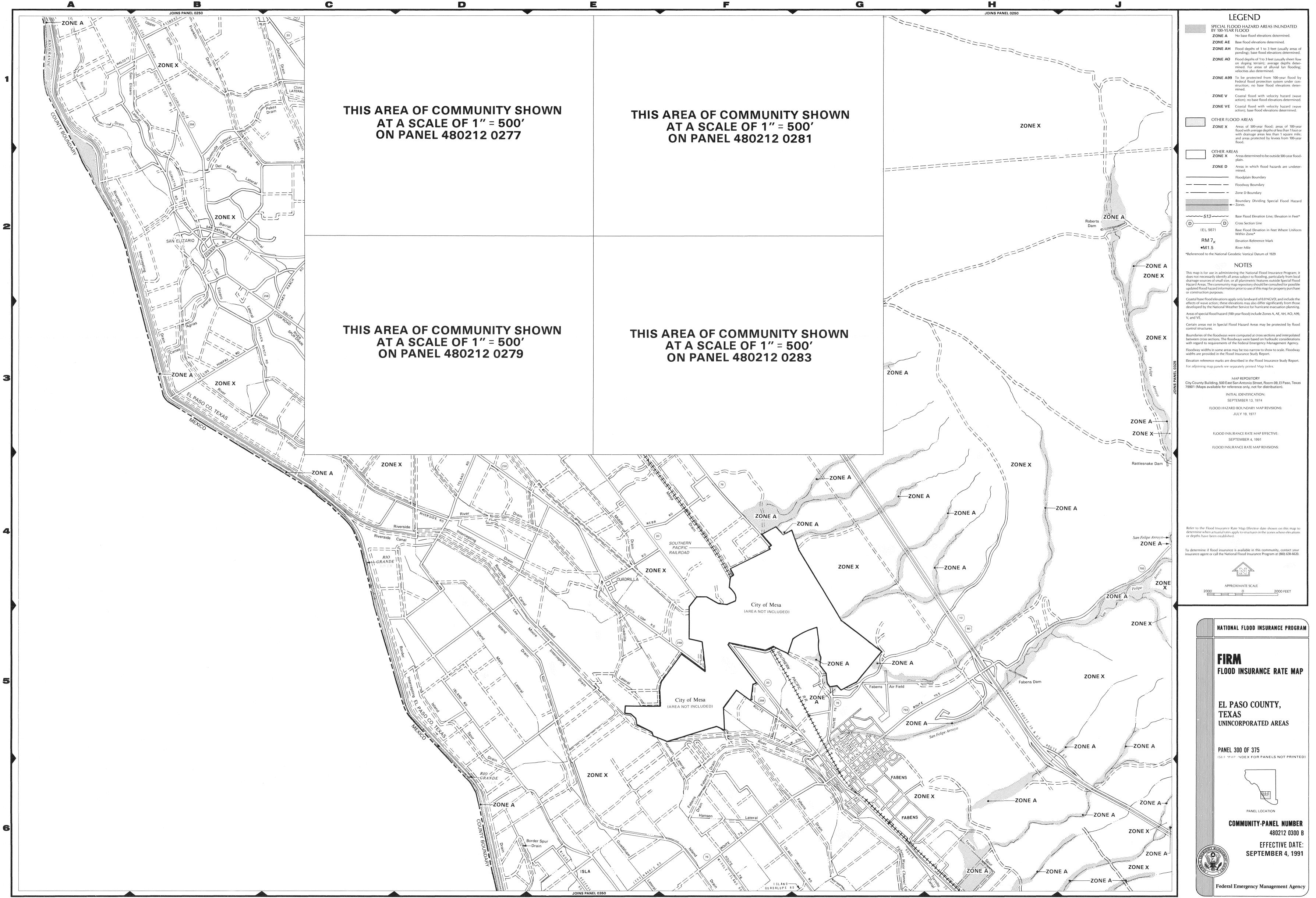
Revisions (0)

Amendments (0)

Revalidations (0)

You can choose a new flood map or move the location pin by selecting a different location on the locator map below or by entering a new location in the search field above. It may take a minute or more during peak hours to generate a dynamic FIRMette.





# **USDA SOIL MAP**



#### MAP LEGEND

#### Area of Interest (AOI)

Area of Interest (AOI)

#### Soils

Soil Map Unit Polygons



Soil Map Unit Lines



Soil Map Unit Points

#### **Special Point Features**

Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



**Gravelly Spot** 



Landfill



Lava Flow Marsh or swamp





Mine or Quarry Miscellaneous Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area Stony Spot



Very Stony Spot



Wet Spot Other



Special Line Features

#### Water Features



Streams and Canals

#### Transportation



Rails



Interstate Highways



**US Routes** 



Major Roads



Local Roads

#### Background



Aerial Photography

#### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:31.700.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: El Paso County, Texas (Main Part) Survey Area Data: Version 22, Sep 5, 2023

Soil map units are labeled (as space allows) for map scales 1:50.000 or larger.

Date(s) aerial images were photographed: Nov 15, 2020—Nov 17. 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

### **Map Unit Legend**

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI	
Gc	Gila Ioam	0.6	9.9%	
Hk	Harkey silty clay loam	1.4	24.5%	
Tg	Tigua silty clay	3.8	65.6%	
Totals for Area of Interest		5.8	100.0%	