



WAELTZ & PRETE, INC.
CIVIL ENGINEERS

August 08, 2017

Mr. Ryan Hansanuwat
Mode Design Group
1102 S. Austin Ave, Suite 103
Round Rock, TX 78626

**RE: Waeltz & Prete Invoicing –
Project: Williamson County Regional Park
SW Regional Park Restroom Facility**

Dear Mr. Hansanuwat:

Please accept this letter as our justification for additional fees.

Our original proposal provided for a wastewater service for one restroom building at the Cedar-Rock Rail Station. Through the design process, I noticed that the county could take advantage of providing wastewater service to an existing pavilion with little additional effort. The county staff agreed with my assessment.

The additional fee is for a permit that the TCEQ requires when two or more building wastewater lines come together. The permit is called a "Sewerage Collection System (SCS)". Since the original scope only contemplated one building, this was an unforeseen permit.

Sincerely,

Antonio A. Prete, P.E.
President
Waeltz & Prete, Inc.

Cc: Mr. Randy Bell

Bryan W. Shaw, Ph.D., P.E., *Chairman*
Toby Baker, *Commissioner*
Jon Niermann, *Commissioner*
Richard A. Hyde, P.E., *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

June 6, 2017

Mr. Randy Bell
Williamson County Parks and Recreation Department
219 Perry Mayfield
Leander, Texas 78641

Re: Edwards Aquifer, Williamson County

NAME OF PROJECT: Williamson County Regional Park Phase II (Restroom Facility), located at 3005 County Road 175, Leander, Texas

TYPE OF PLAN: Request for Approval of an Exception Request Application (EXP) and **Organized Sewage Collection System Application (SCS)**; 30 Texas Administrative Code (TAC) Chapter 213 Edwards Aquifer

Edwards Aquifer Protection Program ID Nos. 11000609 & 11000610; Regulated Entity No. RN104584131

Dear Mr. Bell:

The Texas Commission on Environmental Quality (TCEQ) has completed its review of the EXP and SCS plans and specifications for the referenced project submitted to the Austin Regional Office by Waeltz & Prete, Inc. on behalf of Williamson County on April 10, 2017. Final review was completed after additional material was received on May 31, 2017. As presented to the TCEQ, the Temporary and Permanent Best Management Practices (BMPs) were selected and construction plans were prepared by a Texas Licensed Professional Engineer to be in general compliance with the requirements of 30 TAC Chapter 213 and Chapter 217. Therefore, based on the Texas Licensed Professional Engineer's concurrence of compliance, the planning materials for construction of the proposed sewage collection system and pollution abatement measures are hereby approved subject to applicable state rules and the conditions in this letter. The applicant or a person affected may file with the chief clerk a motion for reconsideration of the executive director's final action on this Edwards Aquifer protection plan. A motion for reconsideration must be filed no later than 23 days after the date of this approval letter. *This approval expires (2) two years from the date of this letter unless, prior to the expiration date, more than 10 percent of construction has commenced, or an extension of time has been requested.*

BACKGROUND

The Williamson County Regional Park Phase II Water Pollution Abatement Plan (WPAP) was approved by letter dated June 24, 2005; EAPP ID No. 11-05041201. The project included construction of an administrative office, parking, drives, caretaker's residence, maintenance facility, utilities and appurtenances. According to the approval letter, permanent water quality treatment was provided by an existing retention/irrigation water quality pond. The total site impervious cover increased from 30.4 acres to 32.2 acres (4.05%).

The second WPAP was approved by letter dated March 5, 2010; EAPP ID No. 11-10010601. The project included construction of a building and water play area, pavilions, restroom facility, drives and parking. Permanent water quality treatment was provided by engineered vegetative filter strips. The total site impervious cover increased to 33.704 acres (4.23%).

EXCEPTION REQUEST PROJECT DESCRIPTION

The proposed project is located on 2.68 acres within the 795.29 acre Williamson County Regional Park site. The project will include construction of two (2) pre-fabricated restroom facilities, maintenance facility, pavilion, sidewalks, utilities and appurtenances. The total impervious cover will be 33.747 acres (4.24%).

Temporary erosion and sedimentation controls will be installed prior to commencing site disturbance and inspected, maintained and repaired during construction in accordance with the approved plan. Orange construction fencing and signage will be constructed around Feature NF-1 buffer as shown on the approved plan sheets until completion of construction.

PERMANENT POLLUTION ABATEMENT MEASURES

To prevent the pollution of stormwater runoff originating on-site or upgradient of the site and potentially flowing across and off the site after construction, engineered vegetative filter strips, designed using the TCEQ technical guidance document, Complying with the Edwards Aquifer Rules: Technical Guidance on Best Management Practices (2005), will be utilized and constructed to treat stormwater runoff.

The required annual TSS load removal is 37 pounds generated by the 0.043 acres of impervious cover. Engineered vegetative filter strips are designed to remove 37 pounds of TSS from the proposed improvements. The approved measures meet the required 80 percent removal of the increased load in TSS caused by the project.

SCS PROJECT DESCRIPTION

Project wastewater will be disposed of by conveyance to the existing BRA/LCRA Brushy Creek Wastewater Treatment Plant. The project is located within the City of Round Rock and will conform to all specifications, applicable codes, ordinances, and requirements of the city. The system will include 620 linear feet of 6-inch ASTM D-3034 SDR-26 PVC pipe.

GEOLOGY

According to the Geologic Assessment report included in the application, the surficial unit at the site is the undifferentiated Kainer Formation of Edwards Group. Multiple sensitive geologic features are located on the site within protective buffer. One sensitive feature, Feature "NF-1", is located in the vicinity of the proposed project. Feature NF-1 is a fracture-controlled dissolution sinkhole and is located within a protective buffer that is to remain free of construction and disturbance. A site assessment investigation was conducted by a representative of the TCEQ Austin Region Office on May 16, 2017. The site was observed to be generally as described in the report.

SPECIAL CONDITIONS

- I. Feature NF-1 and its respective protective buffer, as illustrated on the approved plan sheets, shall remain free from construction and soil disturbing activities. The buffer shall be maintained in a natural undisturbed state.

STANDARD CONDITIONS

1. Pursuant to Chapter 7 Subchapter C of the Texas Water Code, any violations of the requirements in 30 TAC Chapter 213 may result in administrative penalties.
2. The holder of the approved Edwards Aquifer protection plan must comply with all provisions of 30 TAC Chapter 213 and all best management practices and measures contained in the approved plan. Additional and separate approvals, permits, registrations and/or authorizations from other TCEQ Programs (i.e., Stormwater, Water Rights, UIC) can be required depending on the specifics of the plan.
3. In addition to the rules of the Commission, the applicant may also be required to comply with state and local ordinances and regulations providing for the protection of water quality.

Prior to Commencement of Construction:

4. Within 60 days of receiving written approval of an Edwards Aquifer Protection Plan, the applicant must submit to the Austin Regional Office, proof of recordation of notice in the county deed records, with the volume and page number(s) of the county deed records of the county in which the property is located. A description of the property boundaries shall be included in the deed recordation in the county deed records. A suggested form (Deed Recordation Affidavit, TCEQ-0625) that you may use to deed record the approved EXP is enclosed.
5. All contractors conducting regulated activities at the referenced project location shall be provided a copy of this notice of approval. At least one complete copy of the approved EXP, SCS and this notice of approval shall be maintained at the project location until all regulated activities are completed.
6. Modification to the activities described in the referenced EXP and SCS applications following the date of approval may require the submittal of a plan to modify this approval, including the payment of appropriate fees and all information necessary for its review and approval prior to initiating construction of the modifications.
7. The applicant must provide written notification of intent to commence construction, replacement, or rehabilitation of the referenced project. Notification must be submitted to the Austin Regional Office no later than 48 hours prior to commencement of the regulated activity. Written notification must include the date on which the regulated activity will commence, the name of the approved plan and program ID number for the regulated activity, and the name of the prime contractor with the name and telephone number of the contact person. The executive director will use the notification to determine if the approved plan is eligible for an extension.
8. Temporary erosion and sedimentation (E&S) controls, i.e., silt fences, rock berms, stabilized construction entrances, or other controls described in the approved EXP, must be installed prior to construction and inspected, maintained and repaired during construction. Temporary E&S controls may be removed when vegetation is established and the construction area is stabilized. If a water quality pond is proposed, it shall be used as a sedimentation basin during construction. The TCEQ may monitor stormwater discharges from the site to evaluate the adequacy of temporary E&S control measures. Additional controls may be necessary if excessive solids are being discharged from the site.

9. All borings with depths greater than or equal to 20 feet must be plugged with non-shrink grout from the bottom of the hole to within three (3) feet of the surface. The remainder of the hole must be backfilled with cuttings from the boring. All borings less than 20 feet must be backfilled with cuttings from the boring. All borings must be backfilled or plugged within four (4) days of completion of the drilling operation. Voids may be filled with gravel.

During Construction:

10. During the course of regulated activities related to this project, the applicant or agent shall comply with all applicable provisions of 30 TAC Chapter 213 and Chapter 217, Edwards Aquifer. The applicant shall remain responsible for the provisions and conditions of this approval until such responsibility is legally transferred to another person or entity.
11. This approval does not authorize the installation of temporary aboveground storage tanks on this project. If the contractor desires to install a temporary aboveground storage tank for use during construction, an application to modify this approval must be submitted and approved prior to installation. The application must include information related to tank location and spill containment. Refer to Standard Condition No. 6, above.
12. If any sensitive feature (caves, solution cavities, sink holes, etc.) is discovered during construction, all regulated activities near the feature must be suspended immediately. The applicant or his agent must immediately notify the Austin Regional Office of the discovery of the feature. Regulated activities near the feature may not proceed until the executive director has reviewed and approved the methods proposed to protect the feature and the aquifer from potentially adverse impacts to water quality. The plan must be sealed, signed, and dated by a Texas Licensed Professional Engineer.
13. One water well is known to exist on the site. All water well including injection, dewatering, and monitoring wells must be in compliance with the requirements of the Texas Department of Licensing and Regulation under Title 16 TAC Chapter 76 (relating to Water Well Drillers and Pump Installers) and all other locally applicable rules, as appropriate.
14. If sediment escapes the construction site, the sediment must be removed at a frequency sufficient to minimize offsite impacts to water quality (e.g., fugitive sediment in street being washed into surface streams or sensitive features by the next rain). Sediment must be removed from sediment traps or sedimentation ponds not later than when design capacity has been reduced by 50 percent. Litter, construction debris, and construction chemicals shall be prevented from becoming stormwater discharge pollutants.
15. Discharges of sediment laden water are not allowed. If dewatering becomes necessary, the discharge will be filtered through appropriately selected best management practices.
16. The following records shall be maintained and made available to the executive director upon request: the dates when major grading activities occur, the dates when construction activities temporarily or permanently cease on a portion of the site, and the dates when stabilization measures are initiated.
17. Stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, and construction activities will not resume within 21 days. When the initiation of stabilization measures by the 14th day is precluded by weather conditions, stabilization measures shall be initiated as soon as practicable.
18. No part of the system shall be used as a holding tank for a pump-and-haul operation.

After Completion of Construction:

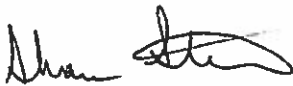
19. A Texas Licensed Professional Engineer must certify in writing that the permanent BMPs or measures were constructed as designed. The certification letter must be submitted to the Austin Regional Office within 30 days of site completion.
20. The applicant shall be responsible for maintaining the permanent BMPs after construction until such time as the maintenance obligation is either assumed in writing by another entity having ownership or control of the property (such as without limitation, an owner's association, a new property owner or lessee, a district, or municipality) or the ownership of the property is transferred to the entity. The regulated entity shall then be responsible for maintenance until another entity assumes such obligations in writing or ownership is transferred. A copy of the transfer of responsibility must be filed with the executive director through Austin Regional Office within 30 days of the transfer. A copy of the transfer form (TCEQ-10263) is enclosed.
21. Upon legal transfer of this property, the new owner(s) is required to comply with all terms of the approved Edwards Aquifer protection plan. If the new owner intends to commence any new regulated activity on the site, a new Edwards Aquifer protection plan that specifically addresses the new activity must be submitted to the executive director. Approval of the plan for the new regulated activity by the executive director is required prior to commencement of the new regulated activity.
22. Certification by a Texas Licensed Professional Engineer of the testing of sewage collection systems required by 30 TAC Chapter 213 and Chapter 217 shall be submitted to the Austin Regional Office within 30 days of test completion and prior to the new sewage collection system being put into service. The certification should include the project name as it appeared on the approved application, the program ID number, and two copies of a site plan sheet(s) indicating the wastewater lines that were tested and are being certified as complying with the appropriate regulations.
23. Every five years after the initial certification, the sewage collection system shall be retested. Any lines that fail the test must be repaired and retested. Certification that the system continues to meet the requirements of 30 TAC Chapter 213 and Chapter 217 shall be submitted to the Austin Regional Office. The certification should include the project name as it appeared on the approved application, the program ID number and two copies of a site plan sheet(s) indicating the wastewater lines that were tested and are being certified as complying with the appropriate regulations. Should any test result fail to meet passing test criteria, and then subsequently pass testing, the result(s) and an explanation of what repair, adjustment, or other means were taken to facilitate a subsequent passing result shall be provided.
24. If ownership of this organized sewage collection system is legally transferred (e.g., developer to city or Municipal Utility District), the new owner(s) is required to comply with all terms of the approved Edwards Aquifer protection plan. If the new owner intends to commence any new regulated activity on the site, a new Edwards Aquifer protection plan that specifically addresses the new activity must be submitted to the executive director. Approval of the plan for the new regulated activity by the executive director is required prior to commencement of the new regulated activity.
25. At project locations where construction is initiated and abandoned, or not completed, the site shall be returned to a condition such that the aquifer is protected from potential contamination.

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26. An Edwards Aquifer protection plan approval or extension will expire and no extension will be granted if more than 50 percent of the total construction has not been completed within ten years from the initial approval of a plan. A new Edwards Aquifer protection plan must be submitted to the Austin Regional Office with the appropriate fees for review and approval by the executive director prior to commencing any additional regulated activities.

This action is taken under authority delegated by the Executive Director of the Texas Commission on Environmental Quality. If you have any questions or require additional information, please contact Mr. Zach Lanfear of the Edwards Aquifer Protection Program of the Austin Regional Office at 512-339-2929.

Sincerely,



Shawn Stewart, Water Section Manager
Austin Region Office
Texas Commission on Environmental Quality

CSS/zcl

Enclosure: Deed Recordation Affidavit, Form TCEQ-0625
Change in Responsibility for Maintenance of Permanent BMPs, Form TCEQ-10263

cc: Mr. Terron Evertson P.E., County Engineer, Williamson County
The Honorable Dan A. Gattis, County Judge, Williamson County
Ms. Alysha Girard, P.E., Storm Water Manager, City of Round Rock
Mr. Antonio A. Prete, P.E., Waeltz & Prete, Inc., 3000 Joe DiMaggio Boulevard, No. 72, Round Rock, Texas 78665
Mr. John H. Teel, M.S., R.S., Executive Director, Williamson County & Cities Health District



PROJECT:
WILLIAMSON COUNTY
REGIONAL PARK
RESTROOM
FACILITIES
3005 CO. RD. 175
CLIENT:

WILLIAMSON COUNTY

DESIGNED: AAP APPROVED: AAP
DRAWN: DAS DATE: 7/18/2017

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SHEET TITLE:

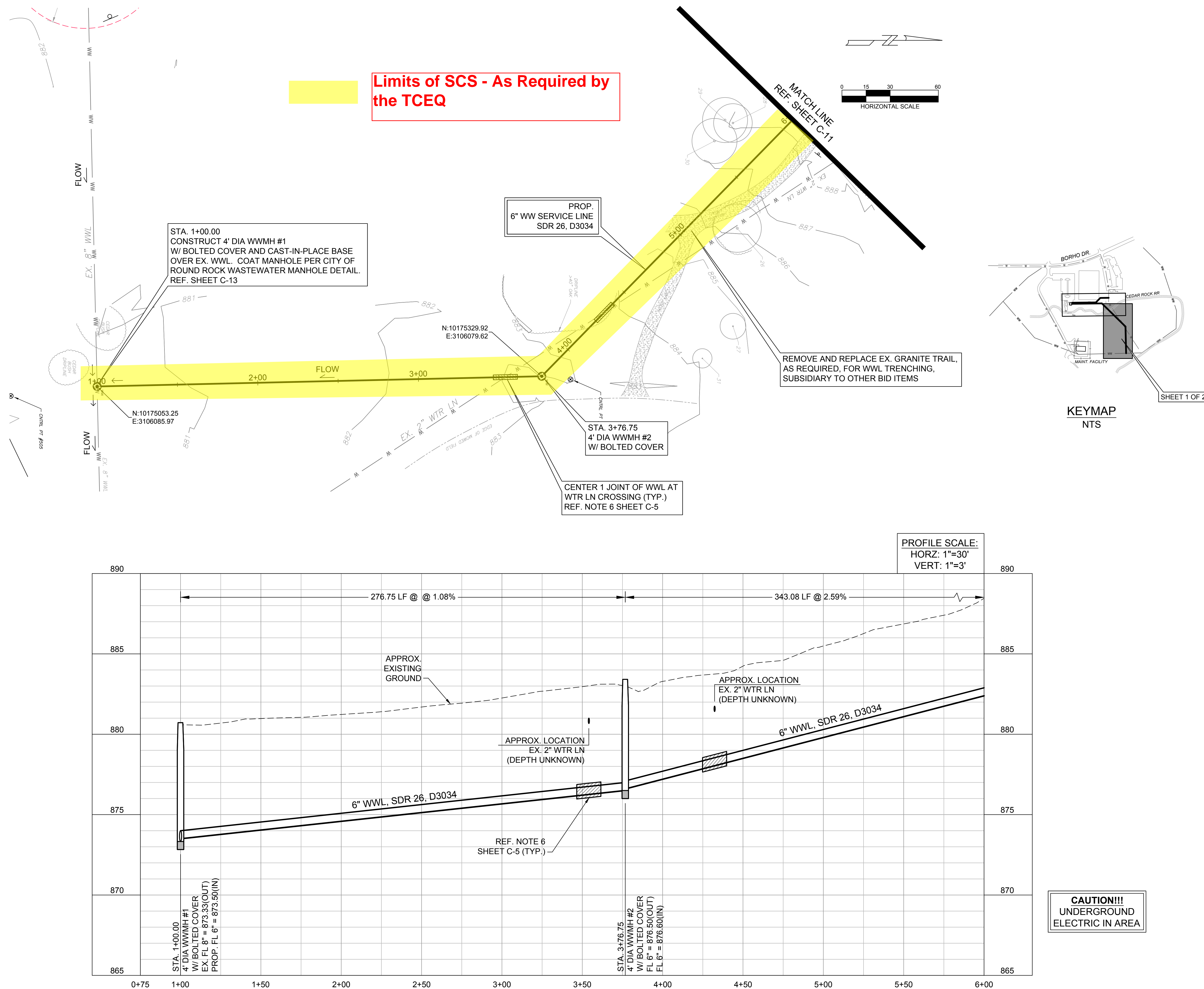
WASTEWATER
PLAN AND
PROFILE (1 OF 2)

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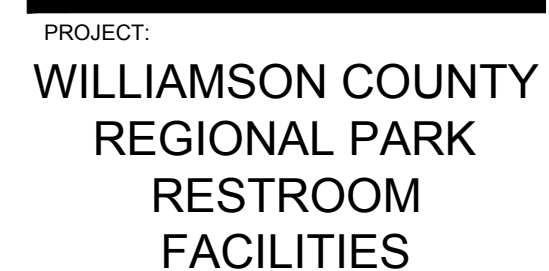
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3005 CO. RD. 175

CLIENT:

WILLIAMSON COUNTY

DESIGNED: AAP APPROVED: AAP
DRAWN: DAS DATE: 7/18/2017

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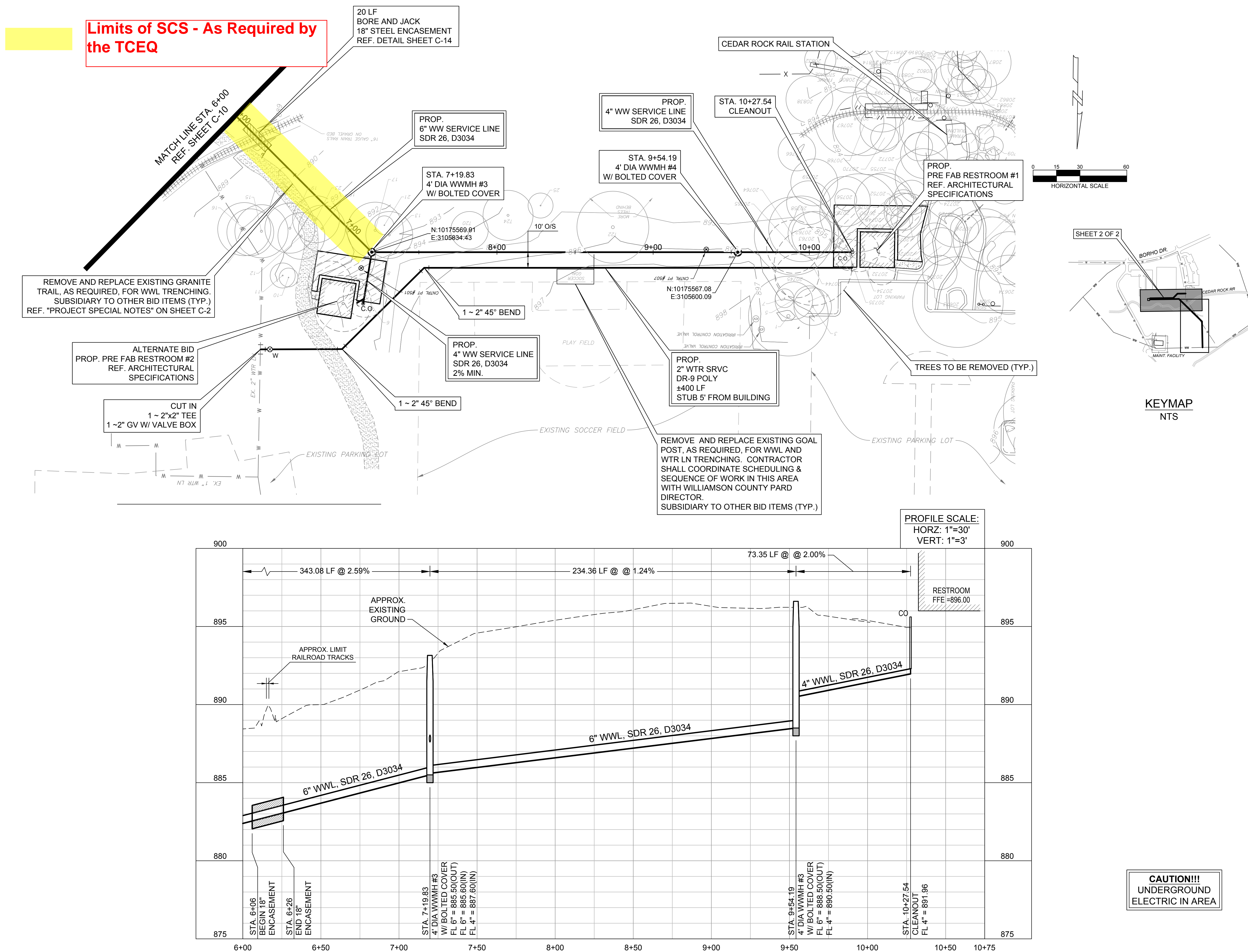
WASTEWATER
PLAN AND
PROFILE (2 OF 2)

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