



RECHARGE AND TRANSITION ZONE EXCEPTION APPLICATION

FOR

FAITH LUTHERAN CHURCH

4010 WILLIAMS DRIVE
GEORGETOWN, TEXAS 78628

APPLICANT:
FAITH LUTHERAN CHURCH OF GEORGETOWN
4010 WILLIAMS DRIVE
GEORGETOWN, TEXAS 78628

SUBMITTED TO:
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
REGION 11 OFFICE
2800 S. IH 35, STE. #100
AUSTIN, TEXAS 78704

APRIL / 2023

PROJECT NUMBER 23-006
ORIGINAL

Texas Commission on Environmental Quality

Edwards Aquifer Application Cover Page

Our Review of Your Application

The Edwards Aquifer Program staff conducts an administrative and technical review of all applications. The turnaround time for administrative review can be up to 30 days as outlined in 30 TAC 213.4(e). Generally administrative completeness is determined during the intake meeting or within a few days of receipt. The turnaround time for technical review of an administratively complete Edwards Aquifer application is 90 days as outlined in 30 TAC 213.4(e). Please know that the review and approval time is directly impacted by the quality and completeness of the initial application that is received. In order to conduct a timely review, it is imperative that the information provided in an Edwards Aquifer application include final plans, be accurate, complete, and in compliance with 30 TAC 213.

Administrative Review

1. Edwards Aquifer applications must be deemed administratively complete before a technical review can begin. To be considered administratively complete, the application must contain completed forms and attachments, provide the requested information, and meet all the site plan requirements. The submitted application and plan sheets should be final plans. Please submit one full-size set of plan sheets with the original application, and half-size sets with the additional copies.

To ensure that all applicable documents are included in the application, the program has developed tools to guide you and web pages to provide all forms, checklists, and guidance. Please visit the below website for assistance: <http://www.tceq.texas.gov/field/eapp>.

2. This Edwards Aquifer Application Cover Page form (certified by the applicant or agent) must be included in the application and brought to the administrative review meeting.
3. Administrative reviews are scheduled with program staff who will conduct the review. Applicants or their authorized agent should call the appropriate regional office, according to the county in which the project is located, to schedule a review. The average meeting time is one hour.
4. In the meeting, the application is examined for administrative completeness. Deficiencies will be noted by staff and emailed or faxed to the applicant and authorized agent at the end of the meeting, or shortly after. Administrative deficiencies will cause the application to be deemed incomplete and returned.

An appointment should be made to resubmit the application. The application is re-examined to ensure all deficiencies are resolved. The application will only be deemed administratively complete when all administrative deficiencies are addressed.

5. If an application is received by mail, courier service, or otherwise submitted without a review meeting, the administrative review will be conducted within 30 days. The applicant and agent will be contacted with the results of the administrative review. If the application is found to be administratively incomplete, it can be retrieved from the regional office or returned by regular mail. If returned by mail, the regional office may require arrangements for return shipping.
6. If the geologic assessment was completed before October 1, 2004 and the site contains "possibly sensitive" features, the assessment must be updated in accordance with the *Instructions to Geologists* (TCEQ-0585 Instructions).

Technical Review

1. When an application is deemed administratively complete, the technical review period begins. The regional office will distribute copies of the application to the identified affected city, county, and groundwater conservation district whose jurisdiction includes the subject site. These entities and the public have 30 days to provide comments on the application to the regional office. All comments received are reviewed by TCEQ.
2. A site assessment is usually conducted as part of the technical review, to evaluate the geologic assessment and observe existing site conditions. The site must be accessible to our staff. The site boundaries should be

clearly marked, features identified in the geologic assessment should be flagged, roadways marked and the alignment of the Sewage Collection System and manholes should be staked at the time the application is submitted. If the site is not marked the application may be returned.

3. We evaluate the application for technical completeness and contact the applicant and agent via Notice of Deficiency (NOD) to request additional information and identify technical deficiencies. There are two deficiency response periods available to the applicant. There are 14 days to resolve deficiencies noted in the first NOD. If a second NOD is issued, there is an additional 14 days to resolve deficiencies. If the response to the second notice is not received, is incomplete or inadequate, or provides new information that is incomplete or inadequate, the application must be withdrawn or will be denied. Please note that because the technical review is underway, whether the application is withdrawn or denied **the application fee will be forfeited.**
4. The program has 90 calendar days to complete the technical review of the application. If the application is technically adequate, such that it complies with the Edwards Aquifer rules, and is protective of the Edwards Aquifer during and after construction, an approval letter will be issued. Construction or other regulated activity may not begin until an approval is issued.

Mid-Review Modifications

It is important to have final site plans prior to beginning the permitting process with TCEQ to avoid delays.

Occasionally, circumstances arise where you may have significant design and/or site plan changes after your Edwards Aquifer application has been deemed administratively complete by TCEQ. This is considered a “Mid-Review Modification”. Mid-Review Modifications may require redistribution of an application that includes the proposed modifications for public comment.

If you are proposing a Mid-Review Modification, two options are available:

- If the technical review has begun your application can be denied/withdrawn, your fees will be forfeited, and the plan will have to be resubmitted.
- TCEQ can continue the technical review of the application as it was submitted, and a modification application can be submitted at a later time.

If the application is denied/withdrawn, the resubmitted application will be subject to the administrative and technical review processes and will be treated as a new application. The application will be redistributed to the affected jurisdictions.

Please contact the regional office if you have questions. If your project is located in Williamson, Travis, or Hays County, contact TCEQ’s Austin Regional Office at 512-339-2929. If your project is in Comal, Bexar, Medina, Uvalde, or Kinney County, contact TCEQ’s San Antonio Regional Office at 210-490-3096

Please fill out all required fields below and submit with your application.

1. Regulated Entity Name: FAITH LUTHERAN CHURCH ADDITION				2. Regulated Entity No.: 102727336					
3. Customer Name: FAITH LUTHERAN CHURCH OF GEORGETOWN				4. Customer No.: 603264243					
5. Project Type: (Please circle/check one)	New	Modification			Extension		Exception XX		
6. Plan Type: (Please circle/check one)	WPAP	EZP	SCS	UST	AST	EXP	EXT	Technical Clarification	Optional Enhanced Measures
7. Land Use: (Please circle/check one)	Residential	Non-residential XX			8. Site (acres):		5.004		
9. Application Fee:	\$500.00	10. Permanent BMP(s):				PARTIAL SED/FILL BASIN			
11. SCS (Linear Ft.):	N/A	12. AST/UST (No. Tanks):				N/A			
13. County:	WMSN	14. Watershed:				NORTH FORK SAN GABRIEL RIVER			

Application Distribution

Instructions: Use the table below to determine the number of applications required. One original and one copy of the application, plus additional copies (as needed) for each affected incorporated city, county, and groundwater conservation district are required. Linear projects or large projects, which cross into multiple jurisdictions, can require additional copies. Refer to the "Texas Groundwater Conservation Districts within the EAPP Boundaries" map found at:

http://www.tceq.texas.gov/assets/public/compliance/field_ops/eapp/EAPP%20GWCD%20map.pdf

For more detailed boundaries, please contact the conservation district directly.

Austin Region			
County:	Hays	Travis	Williamson
Original (1 req.)	—	—	—
Region (1 req.)	—	—	—
County(ies)	—	—	—
Groundwater Conservation District(s)	<input type="checkbox"/> Edwards Aquifer Authority <input type="checkbox"/> Barton Springs/ Edwards Aquifer <input type="checkbox"/> Hays Trinity <input type="checkbox"/> Plum Creek	<input type="checkbox"/> Barton Springs/ Edwards Aquifer	NA
City(ies) Jurisdiction	<input type="checkbox"/> Austin <input type="checkbox"/> Buda <input type="checkbox"/> Dripping Springs <input type="checkbox"/> Kyle <input type="checkbox"/> Mountain City <input type="checkbox"/> San Marcos <input type="checkbox"/> Wimberley <input type="checkbox"/> Woodcreek	<input type="checkbox"/> Austin <input type="checkbox"/> Bee Cave <input type="checkbox"/> Pflugerville <input type="checkbox"/> Rollingwood <input type="checkbox"/> Round Rock <input type="checkbox"/> Sunset Valley <input type="checkbox"/> West Lake Hills	<input type="checkbox"/> Austin <input type="checkbox"/> Cedar Park <input type="checkbox"/> Florence <input checked="" type="checkbox"/> Georgetown <input type="checkbox"/> Jerrell <input type="checkbox"/> Leander <input type="checkbox"/> Liberty Hill <input type="checkbox"/> Pflugerville <input type="checkbox"/> Round Rock

San Antonio Region					
County:	Bexar	Comal	Kinney	Medina	Uvalde
Original (1 req.)	—	—	—	—	—
Region (1 req.)	—	—	—	—	—
County(ies)	—	—	—	—	—
Groundwater Conservation District(s)	<input type="checkbox"/> Edwards Aquifer Authority <input type="checkbox"/> Trinity-Glen Rose	<input type="checkbox"/> Edwards Aquifer Authority	<input type="checkbox"/> Kinney	<input type="checkbox"/> EAA Medina	<input type="checkbox"/> EAA Uvalde
City(ies) Jurisdiction	<input type="checkbox"/> Castle Hills <input type="checkbox"/> Fair Oaks Ranch <input type="checkbox"/> Helotes <input type="checkbox"/> Hill Country Village <input type="checkbox"/> Hollywood Park <input type="checkbox"/> San Antonio (SAWS) <input type="checkbox"/> Shavano Park	<input type="checkbox"/> Bulverde <input type="checkbox"/> Fair Oaks Ranch <input type="checkbox"/> Garden Ridge <input type="checkbox"/> New Braunfels <input type="checkbox"/> Schertz	NA	<input type="checkbox"/> San Antonio ETJ (SAWS)	NA

I certify that to the best of my knowledge, that the application is complete and accurate. This application is hereby submitted to TCEQ for administrative review and technical review.	
LAKSHAY SHARMA	
Print Name of Customer/Authorized Agent	
<i>Lakshay Sharma</i>	05/16/2023
Signature of Customer/Authorized Agent	Date

FOR TCEQ INTERNAL USE ONLY			
Date(s) Reviewed:		Date Administratively Complete:	
Received From:		Correct Number of Copies:	
Received By:		Distribution Date:	
EAPP File Number:		Complex:	
Admin. Review(s) (No.):		No. AR Rounds:	
Delinquent Fees (Y/N):		Review Time Spent:	
Lat./Long. Verified:		SOS Customer Verification:	
Agent Authorization Complete/Notarized (Y/N):		Fee Check:	Payable to TCEQ (Y/N):
Core Data Form Complete (Y/N):			Signed (Y/N):
Core Data Form Incomplete Nos.:			Less than 90 days old (Y/N):

General Information Form

Texas Commission on Environmental Quality

For Regulated Activities on the Edwards Aquifer Recharge and Transition Zones and Relating to 30 TAC §213.4(b) & §213.5(b)(2)(A), (B) Effective June 1, 1999

To ensure that the application is administratively complete, confirm that all fields in the form are complete, verify that all requested information is provided, consistently reference the same site and contact person in all forms in the application, and ensure forms are signed by the appropriate party.

Note: Including all the information requested in the form and attachments contributes to more streamlined technical reviews.

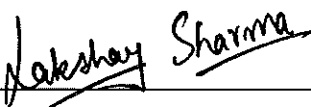
Signature

To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. This **General Information Form** is hereby submitted for TCEQ review. The application was prepared by:

Print Name of Customer/Agent: LAKSHAY SHARMA

Date: 04/26/2023

Signature of Customer/Agent:



Project Information

1. Regulated Entity Name: FAITH LUTHERAN CHURCH ADDITION

2. County: WILLIAMSON

3. Stream Basin: NORTH FORK SAN GABRIEL RIVER

4. Groundwater Conservation District (If applicable): TCEQ

5. Edwards Aquifer Zone:

- Recharge Zone
 Transition Zone

6. Plan Type:

- WPAP
 SCS
 Modification

- AST
 UST
 Exception Request

7. Customer (Applicant):

Contact Person: FRANK HENZEL

Entity: FAITH LUTHERAN CHURCH OF GEORGETOWN

Mailing Address: 4010 WILLIAMS DRIVE

City, State: GEORGETOWN, TX

Zip: 78628

Telephone: 512-217-3864

FAX: _____

Email Address: _____

8. Agent/Representative (If any):

Contact Person: LAKSHAY SHARMA

Entity: HAGOOD ENGINEERING ASSOCIATES INC

Mailing Address: 900 E. MAIN STREET

City, State: ROUND ROCK, TX

Zip: 78664

Telephone: 512.244.1546

FAX: _____

Email Address: LAKSHAYS@HEAENG.COM

9. Project Location:

- The project site is located inside the city limits of GEORGETOWN.
- The project site is located outside the city limits but inside the ETJ (extra-territorial jurisdiction) of _____.
- The project site is not located within any city's limits or ETJ.

10. The location of the project site is described below. The description provides sufficient detail and clarity so that the TCEQ's Regional staff can easily locate the project and site boundaries for a field investigation.

4010 WILLIAMS DRIVE GEORGETOWN, TX 78628

11. **Attachment A – Road Map.** A road map showing directions to and the location of the project site is attached. The project location and site boundaries are clearly shown on the map.

12. **Attachment B - USGS / Edwards Recharge Zone Map.** A copy of the official 7 ½ minute USGS Quadrangle Map (Scale: 1" = 2000') of the Edwards Recharge Zone is attached. The map(s) clearly show:

- Project site boundaries.
- USGS Quadrangle Name(s).
- Boundaries of the Recharge Zone (and Transition Zone, if applicable).
- Drainage path from the project site to the boundary of the Recharge Zone.

13. **The TCEQ must be able to inspect the project site or the application will be returned.** Sufficient survey staking is provided on the project to allow TCEQ regional staff to locate the boundaries and alignment of the regulated activities and the geologic or manmade features noted in the Geologic Assessment.

Survey staking will be completed by this date: _____

14. **Attachment C – Project Description.** Attached at the end of this form is a detailed narrative description of the proposed project. The project description is consistent throughout the application and contains, at a minimum, the following details:

- Area of the site
- Offsite areas
- Impervious cover
- Permanent BMP(s)
- Proposed site use
- Site history
- Previous development
- Area(s) to be demolished

15. Existing project site conditions are noted below:

- Existing commercial site
- Existing industrial site
- Existing residential site
- Existing paved and/or unpaved roads
- Undeveloped (Cleared)
- Undeveloped (Undisturbed/Uncleared)
- Other: _____

Prohibited Activities

16. I am aware that the following activities are prohibited on the Recharge Zone and are not proposed for this project:

- (1) Waste disposal wells regulated under 30 TAC Chapter 331 of this title (relating to Underground Injection Control);
- (2) New feedlot/concentrated animal feeding operations, as defined in 30 TAC §213.3;
- (3) Land disposal of Class I wastes, as defined in 30 TAC §335.1;
- (4) The use of sewage holding tanks as parts of organized collection systems; and
- (5) New municipal solid waste landfill facilities required to meet and comply with Type I standards which are defined in §330.41(b), (c), and (d) of this title (relating to Types of Municipal Solid Waste Facilities).
- (6) New municipal and industrial wastewater discharges into or adjacent to water in the state that would create additional pollutant loading.

17. I am aware that the following activities are prohibited on the Transition Zone and are not proposed for this project:

- (1) Waste disposal wells regulated under 30 TAC Chapter 331 (relating to Underground Injection Control);
- (2) Land disposal of Class I wastes, as defined in 30 TAC §335.1; and

- (3) New municipal solid waste landfill facilities required to meet and comply with Type I standards which are defined in §330.41 (b), (c), and (d) of this title.

Administrative Information

18. The fee for the plan(s) is based on:

- For a Water Pollution Abatement Plan or Modification, the total acreage of the site where regulated activities will occur.
 - For an Organized Sewage Collection System Plan or Modification, the total linear footage of all collection system lines.
 - For a UST Facility Plan or Modification or an AST Facility Plan or Modification, the total number of tanks or piping systems.
 - A request for an exception to any substantive portion of the regulations related to the protection of water quality.
 - A request for an extension to a previously approved plan.
19. Application fees are due and payable at the time the application is filed. If the correct fee is not submitted, the TCEQ is not required to consider the application until the correct fee is submitted. Both the fee and the Edwards Aquifer Fee Form have been sent to the Commission's:
- TCEQ cashier
 - Austin Regional Office (for projects in Hays, Travis, and Williamson Counties)
 - San Antonio Regional Office (for projects in Bexar, Comal, Kinney, Medina, and Uvalde Counties)
20. Submit one (1) original and one (1) copy of the application, plus additional copies as needed for each affected incorporated city, groundwater conservation district, and county in which the project will be located. The TCEQ will distribute the additional copies to these jurisdictions. The copies must be submitted to the appropriate regional office.
21. No person shall commence any regulated activity until the Edwards Aquifer Protection Plan(s) for the activity has been filed with and approved by the Executive Director.

GENERAL INFORMATION
Attachments to form TCEQ-0587

ATTACHMENT A - Road Map

SEE ATTACHED ROAD MAP

ATTACHMENT B - USGS / Edwards Recharge Zone Map

SEE ATTACHED USGS / EDWARDS RECHARGE ZONE MAP

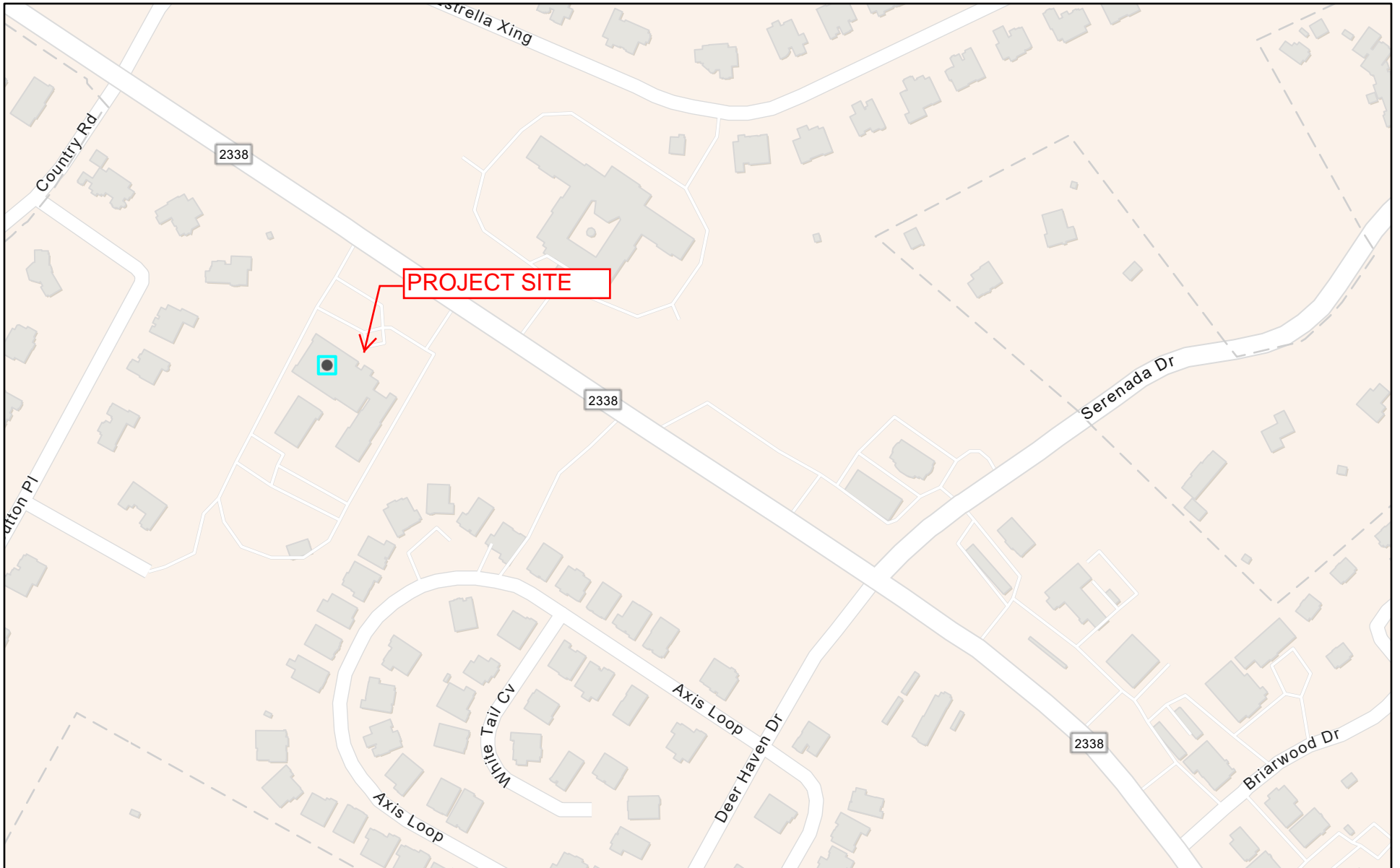
ATTACHMENT C - Project Description

The project site is located at within the corporate limits of the City of Georgetown. The site is also located within Edwards Aquifer Recharge Zone.

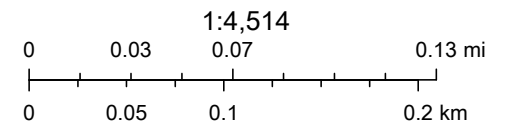
The project scope is minimal wherein construction of two (2) columbariums is proposed with a total impervious cover of 60 sf when fully constructed. No additional driveways, utilities, or paving are proposed as part of the project.

The site is part of an original WPAP Approval letter (EAPP No. 98052201). An existing partial sedimentation and filtration water quality pond onsite shall serve as permanent BMP. Analysis of increased impervious cover (TSS Load Calcs) is provided. A silt fence shall be provided during construction in order to prevent any pollutant discharge from the proposed regulated activity. The project is surrounded by buildings on 3 sides. Please reference the attached construction plans for more details and record information.

FAITH LUTHERAN CHURCH - location map



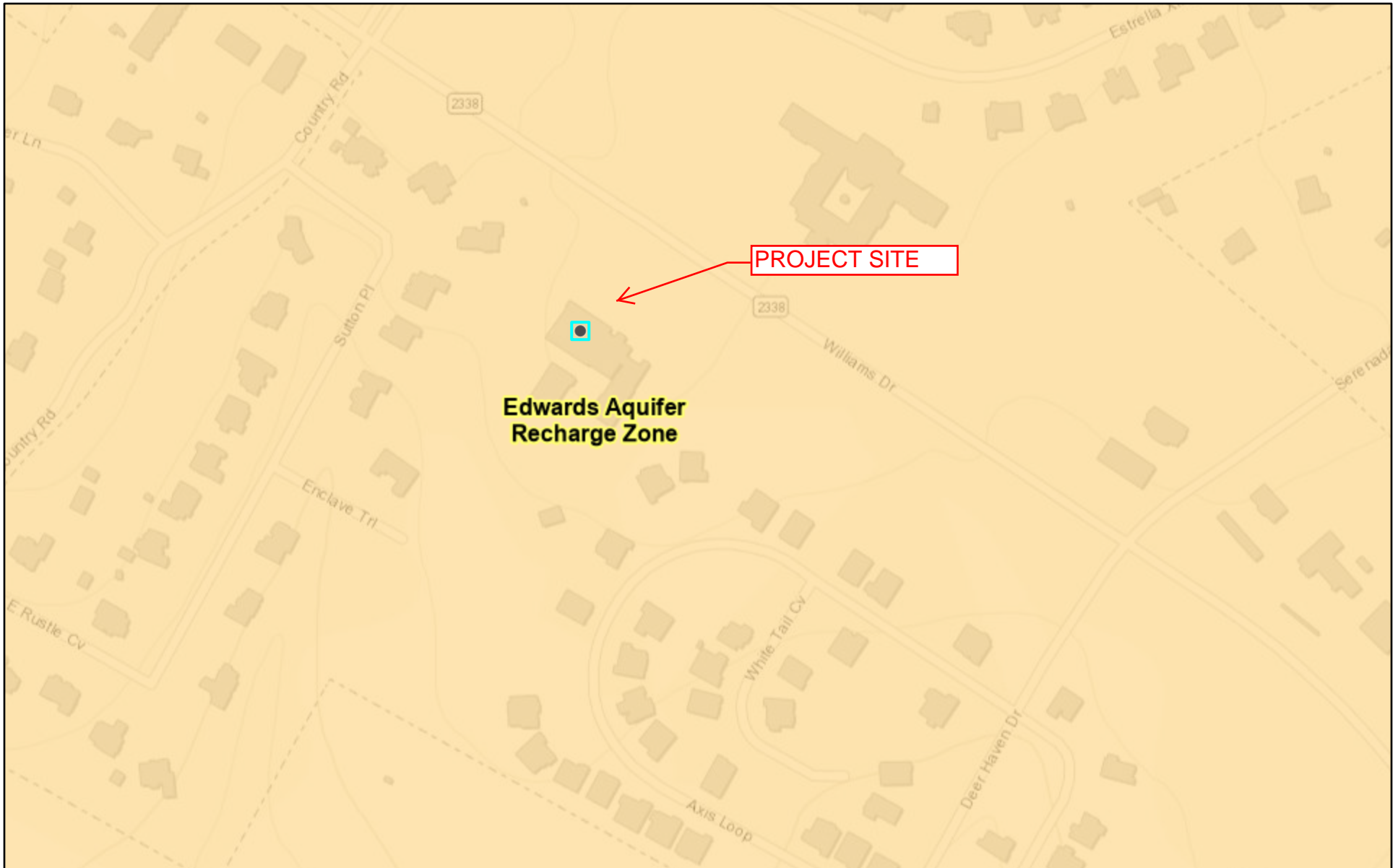
4/12/2023, 3:16:16 PM



Esri Community Maps Contributors, Baylor University, County of Williamson, Texas Parks & Wildlife, © OpenStreetMap, Microsoft, CONANP, Esri, HERE,

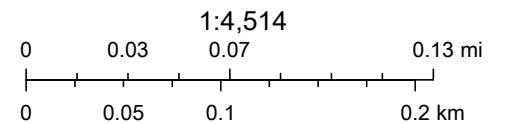
Web AppBuilder for ArcGIS

FAITH LUTHERAN CHURCH - Edwards Aquifer Viewer Custom Print



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- Edwards Aquifer Label
- 7.5 Minute Quad Grid
- City/Place
- TCEQ_EDWARDS_OFFICIAL_MAPS
- TX Counties



County of Williamson, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, EPA, USDA, TCEQ

Recharge and Transition Zone Exception Request Form

Texas Commission on Environmental Quality
30 TAC §213.9 Effective June 1, 1999

To ensure that the application is administratively complete, confirm that all fields in the form are complete, verify that all requested information is provided, consistently reference the same site and contact person in all forms in the application, and ensure forms are signed by the appropriate party.

Note: Including all the information requested in the form and attachments contributes to more streamlined technical reviews.

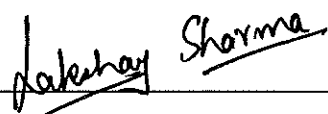
Signature

To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. This **Recharge and Transition Zone Exception Request Form** is hereby submitted for TCEQ review and executive director approval. The request was prepared by:

Print Name of Customer/Agent: LAKSHAY SHARMA

Date: 04/28/2023

Signature of Customer/Agent:



Regulated Entity Name: FAITH LUTHERAN CHURCH ADDITION

Exception Request

- Attachment A - Nature of Exception.** A narrative description of the nature of each exception requested is attached. All provisions of 30 TAC §213 Subchapter A for which an exception is being requested have been identified in the description.
- Attachment B - Documentation of Equivalent Water Quality Protection.** Documentation demonstrating equivalent water quality protection for the Edwards Aquifer is attached.

Administrative Information

- Submit one (1) original and one (1) copy of the application, plus additional copies as needed for each affected incorporated city, groundwater conservation district, and county in which the project will be located. The TCEQ will distribute the additional copies to these jurisdictions. The copies must be submitted to the appropriate regional office.
- The applicant understands that no exception will be granted for a prohibited activity in Chapter 213.
- The applicant understands that prior approval under this section must be obtained from the executive director for the exception to be authorized.

RECHARGE AND TRANSITION ZONE EXCEPTION REQUEST

Attachments to form TCEQ-0628

ATTACHMENT A – NATURE OF EXCEPTION

The project site is located within the corporate limits of the City of Georgetown. The site is also located within Edwards Aquifer Recharge Zone.

The project scope is minimal wherein construction of two (2) columbariums is proposed with a total impervious cover of 60 sf when fully constructed. No additional driveways, utilities, or paving are proposed as part of the project.

The site is part of an original WPAP Approval letter (EAPP No. 98052201). An existing partial sedimentation and filtration water quality pond onsite shall serve as permanent BMP. Analysis of increased impervious cover (TSS Load Calcs) is provided. A silt fence shall be provided during construction in order to prevent any pollutant discharge from the proposed regulated activity. The project is surrounded by buildings on 3 sides. Please reference the attached construction plans for more details and record information

ATTACHMENT B - EQUIVALENT WATER QUALITY PROTECTION

This attachment is not applicable.

Temporary Stormwater Section

Texas Commission on Environmental Quality

for Regulated Activities on the Edwards Aquifer Recharge Zone and Relating to 30 TAC §213.5(b)(4)(A), (B), (D)(I) and (G); Effective June 1, 1999

To ensure that the application is administratively complete, confirm that all fields in the form are complete, verify that all requested information is provided, consistently reference the same site and contact person in all forms in the application, and ensure forms are signed by the appropriate party.

Note: Including all the information requested in the form and attachments contributes to more streamlined technical reviews.

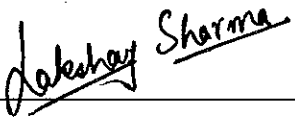
Signature

To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. This **Temporary Stormwater Section** is hereby submitted for TCEQ review and executive director approval. The application was prepared by:

Print Name of Customer/Agent: LAKSHAY SHARMA

Date: 04/28/2023

Signature of Customer/Agent:



Regulated Entity Name: FAITH LUTHERAN CHURCH ADDITION

Project Information

Potential Sources of Contamination

Examples: Fuel storage and use, chemical storage and use, use of asphaltic products, construction vehicles tracking onto public roads, and existing solid waste.

1. Fuels for construction equipment and hazardous substances which will be used during construction:

The following fuels and/or hazardous substances will be stored on the site: _____

These fuels and/or hazardous substances will be stored in:

- Aboveground storage tanks with a cumulative storage capacity of less than 250 gallons will be stored on the site for less than one (1) year.

- Aboveground storage tanks with a cumulative storage capacity between 250 gallons and 499 gallons will be stored on the site for less than one (1) year.
- Aboveground storage tanks with a cumulative storage capacity of 500 gallons or more will be stored on the site. An Aboveground Storage Tank Facility Plan application must be submitted to the appropriate regional office of the TCEQ prior to moving the tanks onto the project.
- Fuels and hazardous substances will not be stored on the site.
- 2. **Attachment A - Spill Response Actions.** A site specific description of the measures to be taken to contain any spill of hydrocarbons or hazardous substances is attached.
- 3. Temporary aboveground storage tank systems of 250 gallons or more cumulative storage capacity must be located a minimum horizontal distance of 150 feet from any domestic, industrial, irrigation, or public water supply well, or other sensitive feature.
- 4. **Attachment B - Potential Sources of Contamination.** A description of any activities or processes which may be a potential source of contamination affecting surface water quality is attached.

Sequence of Construction

- 5. **Attachment C - Sequence of Major Activities.** A description of the sequence of major activities which will disturb soils for major portions of the site (grubbing, excavation, grading, utilities, and infrastructure installation) is attached.
 - For each activity described, an estimate (in acres) of the total area of the site to be disturbed by each activity is given.
 - For each activity described, include a description of appropriate temporary control measures and the general timing (or sequence) during the construction process that the measures will be implemented.
- 6. Name the receiving water(s) at or near the site which will be disturbed or which will receive discharges from disturbed areas of the project: NORTH FORK SAN GABRIEL RIVER

Temporary Best Management Practices (TBMPs)

Erosion control examples: tree protection, interceptor swales, level spreaders, outlet stabilization, blankets or matting, mulch, and sod. Sediment control examples: stabilized construction exit, silt fence, filter dikes, rock berms, buffer strips, sediment traps, and sediment basins. Please refer to the Technical Guidance Manual for guidelines and specifications. All structural BMPs must be shown on the site plan.

- 7. **Attachment D – Temporary Best Management Practices and Measures.** TBMPs and measures will prevent pollution of surface water, groundwater, and stormwater. The construction-phase BMPs for erosion and sediment controls have been designed to retain sediment on site to the extent practicable. The following information is attached:

- A description of how BMPs and measures will prevent pollution of surface water, groundwater or stormwater that originates upgradient from the site and flows across the site.
 - A description of how BMPs and measures will prevent pollution of surface water or groundwater that originates on-site or flows off site, including pollution caused by contaminated stormwater runoff from the site.
 - A description of how BMPs and measures will prevent pollutants from entering surface streams, sensitive features, or the aquifer.
 - A description of how, to the maximum extent practicable, BMPs and measures will maintain flow to naturally-occurring sensitive features identified in either the geologic assessment, TCEQ inspections, or during excavation, blasting, or construction.
8. The temporary sealing of a naturally-occurring sensitive feature which accepts recharge to the Edwards Aquifer as a temporary pollution abatement measure during active construction should be avoided.
- Attachment E - Request to Temporarily Seal a Feature.** A request to temporarily seal a feature is attached. The request includes justification as to why no reasonable and practicable alternative exists for each feature.
 - There will be no temporary sealing of naturally-occurring sensitive features on the site.
9. **Attachment F - Structural Practices.** A description of the structural practices that will be used to divert flows away from exposed soils, to store flows, or to otherwise limit runoff discharge of pollutants from exposed areas of the site is attached. Placement of structural practices in floodplains has been avoided.
10. **Attachment G - Drainage Area Map.** A drainage area map supporting the following requirements is attached:
- For areas that will have more than 10 acres within a common drainage area disturbed at one time, a sediment basin will be provided.
 - For areas that will have more than 10 acres within a common drainage area disturbed at one time, a smaller sediment basin and/or sediment trap(s) will be used.
 - For areas that will have more than 10 acres within a common drainage area disturbed at one time, a sediment basin or other equivalent controls are not attainable, but other TBMPs and measures will be used in combination to protect down slope and side slope boundaries of the construction area.
 - There are no areas greater than 10 acres within a common drainage area that will be disturbed at one time. A smaller sediment basin and/or sediment trap(s) will be used in combination with other erosion and sediment controls within each disturbed drainage area.

- There are no areas greater than 10 acres within a common drainage area that will be disturbed at one time. Erosion and sediment controls other than sediment basins or sediment traps within each disturbed drainage area will be used.
11. **Attachment H - Temporary Sediment Pond(s) Plans and Calculations.** Temporary sediment pond or basin construction plans and design calculations for a proposed temporary BMP or measure have been prepared by or under the direct supervision of a Texas Licensed Professional Engineer. All construction plans and design information must be signed, sealed, and dated by the Texas Licensed Professional Engineer. Construction plans for the proposed temporary BMPs and measures are attached.
- N/A
12. **Attachment I - Inspection and Maintenance for BMPs.** A plan for the inspection of each temporary BMP(s) and measure(s) and for their timely maintenance, repairs, and, if necessary, retrofit is attached. A description of the documentation procedures, recordkeeping practices, and inspection frequency are included in the plan and are specific to the site and/or BMP.
13. All control measures must be properly selected, installed, and maintained in accordance with the manufacturer's specifications and good engineering practices. If periodic inspections by the applicant or the executive director, or other information indicate a control has been used inappropriately, or incorrectly, the applicant must replace or modify the control for site situations.
14. If sediment escapes the construction site, off-site accumulations of 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).
15. Sediment must be removed from sediment traps or sedimentation ponds not later than when design capacity has been reduced by 50%. A permanent stake will be provided that can indicate when the sediment occupies 50% of the basin volume.
16. Litter, construction debris, and construction chemicals exposed to stormwater shall be prevented from becoming a pollutant source for stormwater discharges (e.g., screening outfalls, picked up daily).

Soil Stabilization Practices

Examples: establishment of temporary vegetation, establishment of permanent vegetation, mulching, geotextiles, sod stabilization, vegetative buffer strips, protection of trees, or preservation of mature vegetation.

17. **Attachment J - Schedule of Interim and Permanent Soil Stabilization Practices.** A schedule of the interim and permanent soil stabilization practices for the site is attached.

18. Records must be kept at the site of 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.
19. Stabilization practices must be initiated as soon as practicable where construction activities have temporarily or permanently ceased.

Administrative Information

20. All structural controls will be inspected and maintained according to the submitted and approved operation and maintenance plan for the project.
21. If any geologic or manmade features, such as caves, faults, sinkholes, etc., are discovered, all regulated activities near the feature will be immediately suspended. The appropriate TCEQ Regional Office shall be immediately notified. Regulated activities must cease and not continue until the TCEQ has reviewed and approved the methods proposed to protect the aquifer from any adverse impacts.
22. Silt fences, diversion berms, and other temporary erosion and sediment controls will be constructed and maintained as appropriate to prevent pollutants from entering sensitive features discovered during construction.

TEMPORARY STORWATER SECTION

Attachments to form TCEQ-0602

ATTACHMENT A

There are several factors that could affect surface and ground water quality. During construction, fuels and hazardous substances could spill. These spills shall be contained on-site and immediately cleaned up and properly discarded. Any spills or discharges of oil, petroleum products and used oil onto land having a volume greater than 25 gallons, and spills or discharges directly into waters of the state having a quantity sufficient enough to create a sheen, shall be reported immediately to TCEQ at (512) 339-2929 or the State Emergency Response Center at 1-800-832-8224. There are no significant factors proposed which could affect surface and ground water quality relating to the permanent use of the facility.

ATTACHMENT B

Potential Sources of Contamination:

1. Soil disturbance during construction.

ATTACHMENT C

Sequence of major activities for each phase is as follows:

1. The installation of Erosion/Sedimentation Controls –0.011 Ac. Disturbed
2. Clearing, grubbing, and removal of topsoil from entire site – 0.0236 Ac. Disturbed
3. Grading and foundation excavation – 0.0018 Ac. Disturbed
4. Finish grading and Revegetation – 0.0236 Ac. Disturbed

ATTACHMENT D

The Temporary Best Management Practices (TBMP) for this project will consist of:

1. Silt fencing around down gradient boundary of site.

All TBMP's will be in place prior to any regulated activities commencing. The silt fencing will collect silt runoff and debris during construction activities. These controls will be maintained during construction and will remain until after all construction activities are complete and permanent re-vegetation is established.

ATTACHMENT F

Due to the limited area of the site, the silt fence will provide control to retain any runoff from the exposed site.

ATTACHMENT G

Refer to the drawings, sheet EDA.

ATTACHMENT H

The total site area is 5.004 acres and will not require a temporary sediment pond.

TEMPORARY STORWATER SECTION

Attachments to form TCEQ-0602

ATTACHMENT I

The contractor is required to inspect all of the erosion and sediment controls and fences at weekly intervals and after significant rainfall events to insure that they are functioning properly. The person(s) responsible for maintenance of controls and fences shall immediately make any necessary repairs to damaged areas. Silt accumulation at controls must be removed when the depth reaches six (6) inches. Records described in the SWPPP must be retained on site for 5 years beyond the date of the cover letter notifying the facility of coverage under a storm water permit, and shall be made available to the state or federal compliance inspection officer upon request. Additionally, employee training records and waste and recycling receipts or vouchers shall also be maintained.

ATTACHMENT J

Schedule of Interim Soil Stabilization Practices:

1. Erosion and sediment control measures including perimeter sediment controls must be in place before vegetation is disturbed and must remain in place and be maintained and repaired.
2. Temporary stabilization or covering of soil stockpiles and protection of stockpile located away from construction activity must be maintained
3. Should construction activities cease for fifteen (15) days or more on any significant portion of the construction site, temporary stabilization is required for that portion of the site to prevent soil and wind erosion until work resumes on that portion of the site.
4. Should all construction activities cease for thirty days or more, the entire site must be temporarily stabilized using vegetation or a heavy mulch layer, temporary seeding or other method.

Schedule of Permanent Soil Stabilization Practices:

1. Stabilized any unpaved area that is final grade or remain unpaved for the next two weeks. Permanent stabilization may consist of sodding, seeding, or mulching that must be maintained to prevent erosion from the site until re-vegetation has achieved 70% coverage
2. Once construction is complete, remove all the pollution prevention measures that were temporary.

Permanent Stormwater Section

Texas Commission on Environmental Quality

for Regulated Activities on the Edwards Aquifer Recharge Zone and Relating to 30 TAC §213.5(b)(4)(C), (D)(ii), (E), and (5), Effective June 1, 1999

To ensure that the application is administratively complete, confirm that all fields in the form are complete, verify that all requested information is provided, consistently reference the same site and contact person in all forms in the application, and ensure forms are signed by the appropriate party.

Note: Including all the information requested in the form and attachments contributes to more streamlined technical reviews.

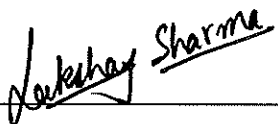
Signature

To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. This **Permanent Stormwater Section** is hereby submitted for TCEQ review and executive director approval. The application was prepared by:

Print Name of Customer/Agent: LAKSHAY SHARMA

Date: 04/28/2023

Signature of Customer/Agent



Regulated Entity Name: FAITH LUTHERAN CHURCH ADDITION

Permanent Best Management Practices (BMPs)

Permanent best management practices and measures that will be used during and after construction is completed.

- Permanent BMPs and measures must be implemented to control the discharge of pollution from regulated activities after the completion of construction.
 N/A
- These practices and measures have been designed, and will be constructed, operated, and maintained to insure that 80% of the incremental increase in the annual mass loading of total suspended solids (TSS) from the site caused by the regulated activity is removed. These quantities have been calculated in accordance with technical guidance prepared or accepted by the executive director.
 The TCEQ Technical Guidance Manual (TGM) was used to design permanent BMPs and measures for this site.

A technical guidance other than the TCEQ TGM was used to design permanent BMPs and measures for this site. The complete citation for the technical guidance that was used is: _____

N/A

3. Owners must insure that permanent BMPs and measures are constructed and function as designed. 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 appropriate regional office within 30 days of site completion.

N/A

4. Where a site is used for low density single-family residential development and has 20 % or less impervious cover, other permanent BMPs are not required. This exemption from permanent BMPs must be recorded in the county deed records, with a notice that if the percent impervious cover increases above 20% or land use changes, the exemption for the whole site as described in the property boundaries required by 30 TAC §213.4(g) (relating to Application Processing and Approval), may no longer apply and the property owner must notify the appropriate regional office of these changes.

The site will be used for low density single-family residential development and has 20% or less impervious cover.

The site will be used for low density single-family residential development but has more than 20% impervious cover.

The site will not be used for low density single-family residential development.

5. The executive director may waive the requirement for other permanent BMPs for multi-family residential developments, schools, or small business sites where 20% or less impervious cover is used at the site. This exemption from permanent BMPs must be recorded in the county deed records, with a notice that if the percent impervious cover increases above 20% or land use changes, the exemption for the whole site as described in the property boundaries required by 30 TAC §213.4(g) (relating to Application Processing and Approval), may no longer apply and the property owner must notify the appropriate regional office of these changes.

Attachment A - 20% or Less Impervious Cover Waiver. The site will be used for multi-family residential developments, schools, or small business sites and has 20% or less impervious cover. A request to waive the requirements for other permanent BMPs and measures is attached.

The site will be used for multi-family residential developments, schools, or small business sites but has more than 20% impervious cover.

The site will not be used for multi-family residential developments, schools, or small business sites.

6. **Attachment B - BMPs for Upgradient Stormwater.**

- A description of the BMPs and measures that will be used to prevent pollution of surface water, groundwater, or stormwater that originates upgradient from the site and flows across the site is attached.
 - No surface water, groundwater or stormwater originates upgradient from the site and flows across the site, and an explanation is attached.
 - Permanent BMPs or measures are not required to prevent pollution of surface water, groundwater, or stormwater that originates upgradient from the site and flows across the site, and an explanation is attached.
7. **Attachment C - BMPs for On-site Stormwater.**
- A description of the BMPs and measures that will be used to prevent pollution of surface water or groundwater that originates on-site or flows off the site, including pollution caused by contaminated stormwater runoff from the site is attached.
 - Permanent BMPs or measures are not required to prevent pollution of surface water or groundwater that originates on-site or flows off the site, including pollution caused by contaminated stormwater runoff, and an explanation is attached.
8. **Attachment D - BMPs for Surface Streams.** A description of the BMPs and measures that prevent pollutants from entering surface streams, sensitive features, or the aquifer is attached. Each feature identified in the Geologic Assessment as sensitive has been addressed.
- N/A
9. The applicant understands that to the extent practicable, BMPs and measures must maintain flow to naturally occurring sensitive features identified in either the geologic assessment, executive director review, or during excavation, blasting, or construction.
- The permanent sealing of or diversion of flow from a naturally-occurring sensitive feature that accepts recharge to the Edwards Aquifer as a permanent pollution abatement measure has not been proposed.
 - Attachment E - Request to Seal Features.** A request to seal a naturally-occurring sensitive feature, that includes, for each feature, a justification as to why no reasonable and practicable alternative exists, is attached.
10. **Attachment F - Construction Plans.** All construction plans and design calculations for the proposed permanent BMP(s) and measures have been prepared by or under the direct supervision of a Texas Licensed Professional Engineer, and are signed, sealed, and dated. The plans are attached and, if applicable include:
- Design calculations (TSS removal calculations)
 - TCEQ construction notes
 - All geologic features
 - All proposed structural BMP(s) plans and specifications
- N/A

11. **Attachment G - Inspection, Maintenance, Repair and Retrofit Plan.** A plan for the inspection, maintenance, repairs, and, if necessary, retrofit of the permanent BMPs and measures is attached. The plan includes all of the following:
- Prepared and certified by the engineer designing the permanent BMPs and measures
 - Signed by the owner or responsible party
 - Procedures for documenting inspections, maintenance, repairs, and, if necessary retrofit
 - A discussion of record keeping procedures
- N/A
12. **Attachment H - Pilot-Scale Field Testing Plan.** Pilot studies for BMPs that are not recognized by the Executive Director require prior approval from the TCEQ. A plan for pilot-scale field testing is attached.
- N/A
13. **Attachment I -Measures for Minimizing Surface Stream Contamination.** A description of the measures that will be used to avoid or minimize surface stream contamination and changes in the way in which water enters a stream as a result of the construction and development is attached. The measures address increased stream flashing, the creation of stronger flows and in-stream velocities, and other in-stream effects caused by the regulated activity, which increase erosion that results in water quality degradation.
- N/A

Responsibility for Maintenance of Permanent BMP(s)

Responsibility for maintenance of best management practices and measures after construction is complete.

14. The applicant is 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. Such entity shall then be responsible for maintenance until another entity assumes such obligations in writing or ownership is transferred.
- N/A
15. A copy of the transfer of responsibility must be filed with the executive director at the appropriate regional office within 30 days of the transfer if the site is for use as a multiple single-family residential development, a multi-family residential development, or a non-residential development such as commercial, industrial, institutional, schools, and other sites where regulated activities occur.
- N/A

PERMANENT STORMWATER SECTION

Attachments to form TCEQ-0600

ATTACHMENT A

This attachment is not needed. (20% or less Impervious Cover Waiver)

ATTACHMENT B

Water quality will be provided by one partial sedimentation/filtration water quality pond BMP. Please refer to Sheet EDA. There are no up gradient drainage areas which will bypass the site drainage areas.

ATTACHMENT C

One sedimentation/filtration pond will be used to prevent pollution of surface water or ground water originating on-site.

ATTACHMENT D

There are no surface streams, sensitive features or aquifer entrance points on this site. The water quality pond will significantly reduce the pollutants generated by this increased impervious cover.

ATTACHMENT E

This attachment is not needed. (Request to Seal Features)

ATTACHMENT F

See attached drawings. (Construction Plans)

ATTACHMENT G

See attached maintenance plan for the ponds. (TCEQ-0589). The area will not drain via gravity to any other BMP.

ATTACHMENT H

This attachment is not needed. (Pilot-Scale Field Testing Plan)

ATTACHMENT I

All flows from the site will sheet or surface flow to existing BMP. There will be no increase in the flows as demonstrated in the calculations in the plan sheets.

Agent Authorization Form
For Required Signature
Edwards Aquifer Protection Program
Relating to 30 TAC Chapter 213
Effective June 1, 1999

I Frank Menzel
Print Name

Facility Manager
Title - Owner/President/Other

of FAITH LUTHERAN CHURCH OF GEORGETOWN
Corporation/Partnership/Entity Name

have authorized TERRY R HAGOOD
Print Name of Agent/Engineer

of HAGOOD ENGINEERING ASSOCIATES, INC
Print Name of Firm

to represent and act on the behalf of the above named Corporation, Partnership, or Entity for the purpose of preparing and submitting this plan application to the Texas Commission on Environmental Quality (TCEQ) for the review and approval consideration of regulated activities.

I also understand that:

1. The applicant is responsible for compliance with 30 Texas Administrative Code Chapter 213 and any condition of the TCEQ's approval letter. The TCEQ is authorized to assess administrative penalties of up to \$10,000 per day per violation.
2. For those submitting an application who are not the property owner, but who have the right to control and possess the property, additional authorization is required from the owner.
3. Application fees are due and payable at the time the application is submitted. The application fee must be sent to the TCEQ cashier or to the appropriate regional office. The application will not be considered until the correct fee is received by the commission.
4. A notarized copy of the Agent Authorization Form must be provided for the person preparing the application, and this form must accompany the completed application.
5. No person shall commence any regulated activity on the Edwards Aquifer Recharge Zone, Contributing Zone or Transition Zone until the appropriate application for the activity has been filed with and approved by the Executive Director.

SIGNATURE PAGE:

Frank Menzel
Applicant's Signature

5-1-23
Date

THE STATE OF TEXAS §

County of WILLIAMSON §

BEFORE ME, the undersigned authority, on this day personally appeared Frank Menzel known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that (s)he executed same for the purpose and consideration therein expressed.

GIVEN under my hand and seal of office on this 1st day of May, 2023

[Signature]
NOTARY PUBLIC
Raquel Saenz
Typed or Printed Name of Notary

MY COMMISSION EXPIRES: December 13, 2025

Application Fee Form

Texas Commission on Environmental Quality

Name of Proposed Regulated Entity: FAITH LUTHERAN CHURCH ADDITION

Regulated Entity Location: 4010 WILLIAMS DRIVE GEORGETOWN, TX 78628

Name of Customer: FAITH LUTHERAN CHURCH OF GEORGETOWN

Contact Person: FRANK MENZEL Phone: 512.217.3864

Customer Reference Number (if issued): CN 603264243

Regulated Entity Reference Number (if issued): RN 102727336

Austin Regional Office (3373)

- Hays Travis Williamson

San Antonio Regional Office (3362)

- Bexar Medina Uvalde
 Comal Kinney

Application fees must be paid by check, certified check, or money order, payable to the **Texas Commission on Environmental Quality**. Your canceled check will serve as your receipt. **This form must be submitted with your fee payment.** This payment is being submitted to:

- Austin Regional Office San Antonio Regional Office
 Mailed to: TCEQ - Cashier Overnight Delivery to: TCEQ - Cashier
 Revenues Section 12100 Park 35 Circle
 Mail Code 214 Building A, 3rd Floor
 P.O. Box 13088 Austin, TX 78753
 Austin, TX 78711-3088 (512)239-0357

Site Location (Check All That Apply):

- Recharge Zone Contributing Zone Transition Zone

Type of Plan	Size	Fee Due
Water Pollution Abatement Plan, Contributing Zone Plan: One Single Family Residential Dwelling	Acres	\$
Water Pollution Abatement Plan, Contributing Zone Plan: Multiple Single Family Residential and Parks	Acres	\$
Water Pollution Abatement Plan, Contributing Zone Plan: Non-residential	Acres	\$
Sewage Collection System	L.F.	\$
Lift Stations without sewer lines	Acres	\$
Underground or Aboveground Storage Tank Facility	Tanks	\$
Piping System(s)(only)	Each	\$
Exception	1 Each	\$ 500.00
Extension of Time	Each	\$

Signature: *Lakshay Sharma*

Date: _____

Application Fee Schedule

Texas Commission on Environmental Quality

Edwards Aquifer Protection Program 30 TAC Chapter 213 (effective 05/01/2008)

Water Pollution Abatement Plans and Modifications

Contributing Zone Plans and Modifications

<i>Project</i>	<i>Project Area in Acres</i>	<i>Fee</i>
One Single Family Residential Dwelling	< 5	\$650
Multiple Single Family Residential and Parks	< 5	\$1,500
	5 < 10	\$3,000
	10 < 40	\$4,000
	40 < 100	\$6,500
	100 < 500	\$8,000
	≥ 500	\$10,000
Non-residential (Commercial, industrial, institutional, multi-family residential, schools, and other sites where regulated activities will occur)	< 1	\$3,000
	1 < 5	\$4,000
	5 < 10	\$5,000
	10 < 40	\$6,500
	40 < 100	\$8,000
	≥ 100	\$10,000

Organized Sewage Collection Systems and Modifications

<i>Project</i>	<i>Cost per Linear Foot</i>	<i>Minimum Fee- Maximum Fee</i>
Sewage Collection Systems	\$0.50	\$650 - \$6,500

Underground and Aboveground Storage Tank System Facility Plans and Modifications

<i>Project</i>	<i>Cost per Tank or Piping System</i>	<i>Minimum Fee- Maximum Fee</i>
Underground and Aboveground Storage Tank Facility	\$650	\$650 - \$6,500

Exception Requests

<i>Project</i>	<i>Fee</i>
Exception Request	\$500

Extension of Time Requests

<i>Project</i>	<i>Fee</i>
Extension of Time Request	\$150



TCEQ Core Data Form

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

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
<input checked="" type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)	<input type="checkbox"/> Other	
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN 603264243		RN 102727336

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)		
<input type="checkbox"/> New Customer <input type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership <input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)				
<i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i>				
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)			<i>If new Customer, enter previous Customer below:</i>	
FAITH LUTHERAN CHURCH OF GEORGETOWN				
7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)		9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)
11. Type of Customer:		<input type="checkbox"/> Corporation	<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input type="checkbox"/> Other		<input type="checkbox"/> Sole Proprietorship	<input type="checkbox"/> Other:	
12. Number of Employees			13. Independently Owned and Operated?	
<input type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher			<input type="checkbox"/> Yes <input type="checkbox"/> No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following				
<input type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Owner & Operator <input type="checkbox"/> Other: <input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant				
15. Mailing Address:	4010 WILLIAMS DRIVE			
	City	GEORGETOWN	State	TX
	ZIP	78628	ZIP + 4	
16. Country Mailing Information (if outside USA)			17. E-Mail Address (if applicable)	
			FRANKNMENZEL@GMAIL.COM	
18. Telephone Number		19. Extension or Code		20. Fax Number (if applicable)

SECTION III: Regulated Entity Information**21. General Regulated Entity Information** (If "New Regulated Entity" is selected, a new permit application is also required.)

New Regulated Entity Update to Regulated Entity Name Update to Regulated Entity Information

The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).

22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)

FAITH LUTHERAN CHURCH

23. Street Address of the Regulated Entity:

4010 WILLIAMS DRIVE

(No PO Boxes)

City	GEORGETOWN	State	TX	ZIP	78628	ZIP + 4	
-------------	------------	--------------	----	------------	-------	----------------	--

24. County

WILLIAMSON COUNTY

If no Street Address is provided, fields 25-28 are required.

25. Description to**Physical Location:**

4010 WILLIAMS DRIVE

26. Nearest City**State****Nearest ZIP Code**

GEORGETOWN

TX

78628

Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).

27. Latitude (N) In Decimal:

60.633249

28. Longitude (W) In Decimal:

-97.676979

Degrees

Minutes

Seconds

Degrees

Minutes

Seconds

30

40'27

87

-97

42'20

64

29. Primary SIC Code**30. Secondary SIC Code****31. Primary NAICS Code****32. Secondary NAICS Code**

(4 digits)

(4 digits)

(5 or 6 digits)

(5 or 6 digits)

8661

0118

813110

812220

33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)

CHURCH

34. Mailing

4010 WILLIAMS DRIVE

Address:

City	GEORGETOWN	State	TX	ZIP	78628	ZIP + 4	
-------------	------------	--------------	----	------------	-------	----------------	--

35. E-Mail Address:

FRANKNMENZEL@GMAIL.COM

36. Telephone Number**37. Extension or Code****38. Fax Number** (if applicable)

(512) 271-3864

() -

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance.

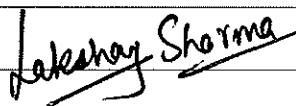
<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input checked="" type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
		11-08050201; 11-98052201; 11-98052201A; 11-98052202		
<input type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review Air	<input type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input type="checkbox"/> PWS
<input type="checkbox"/> Sludge	<input type="checkbox"/> Storm Water	<input type="checkbox"/> Title V Air	<input type="checkbox"/> Tires	<input type="checkbox"/> Used Oil
<input type="checkbox"/> Voluntary Cleanup	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:

SECTION IV: Preparer Information

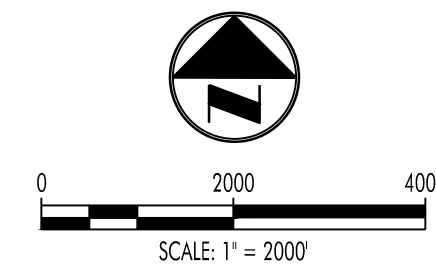
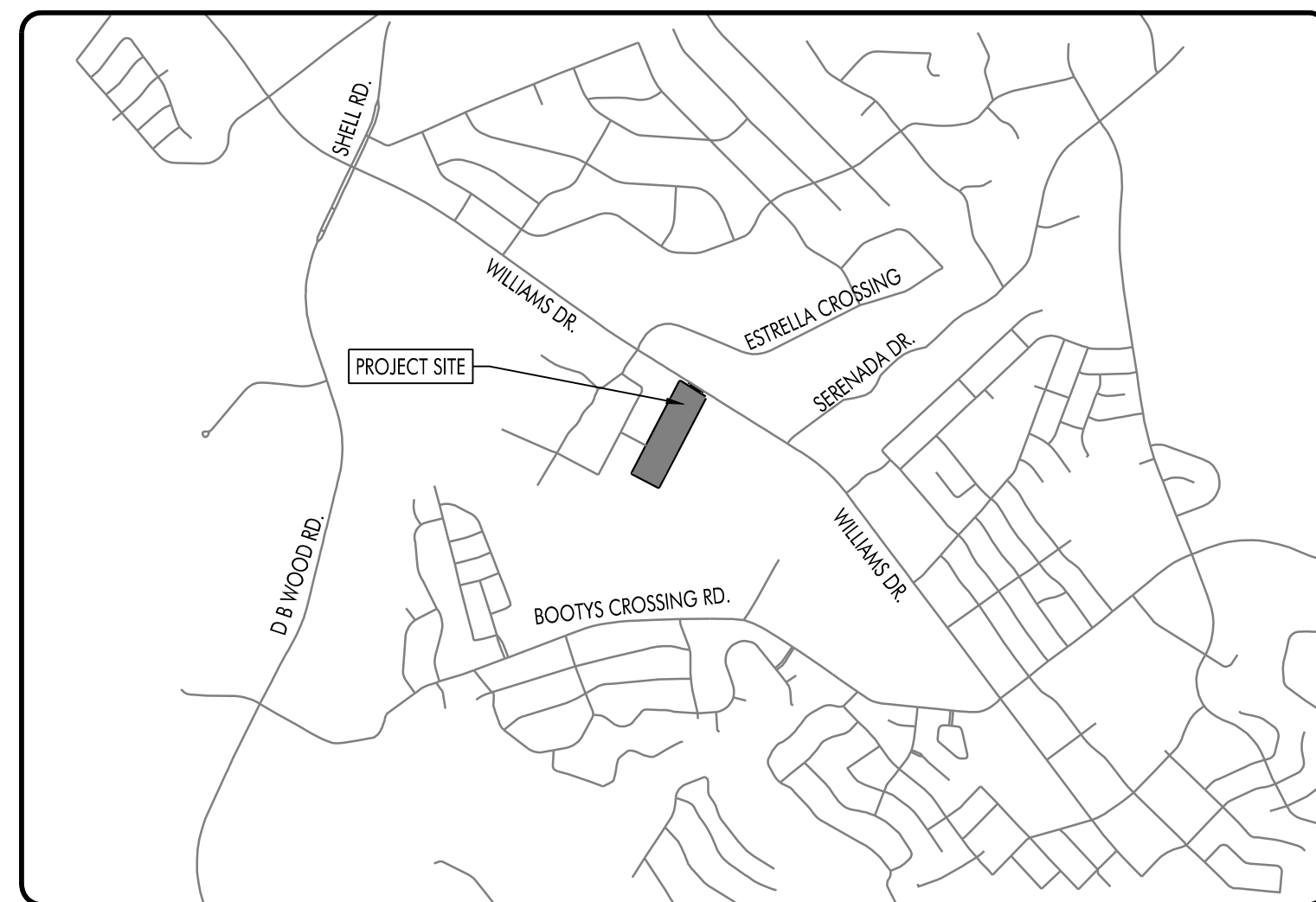
40. Name:	RAQUEL SAENZ	41. Title:	PROJECT ASSISTANT
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(512) 244-1546		() -	RAQUELR@HEAENG.COM

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

Company:	HAGOOD ENGINEERING ASSOCIATES	Job Title:	PROJECT MANAGER
Name (In Print):	LAKSHAY SHARMA	Phone:	(512) 244-1546
Signature:		Date:	04/28/2023

SITE LOCATION MAP



LEGAL DESCRIPTION

S3602 - FAITH LUTHERAN CHURCH, CLOCK 1, LOT 1, ACRES 5.004

PLAN SUBMITTALS

NO.	DATE	COMMENTS
1	04/26/2023	SUBMITTAL TO TCEQ
2		
3		
4		
5		
6		
7		
8		
9		
10		

NOTES:

- NO PORTION OF THE ABOVE LEGALLY DESCRIBED PROPERTY IS WITHIN THE DESIGNATED 1% ANNUAL CHANCE FLOODPLAIN AREA (ZONE X) AS DESIGNATED BY F.E.M.A. FLOOD INSURANCE RATE MAP (FIRM) ON COMMUNITY PANEL NO. 48491C0290E, DATED SEPTEMBER 26, 2008 FOR THE CITY OF GEORGETOWN, WILLIAMSON COUNTY, TEXAS.
- THIS PROPERTY IS WITHIN THE EDWARDS AQUIFER RECHARGE ZONE.
- IT IS THE RESPONSIBILITY OF THE PROPERTY OWNER, AND SUCCESSORS TO CURRENT PROPERTY OWNER, TO ENSURE THE SUBJECT PROPERTY AND ANY IMPROVEMENTS ARE MAINTAINED IN CONFORMANCE WITH THIS CONCEPTUAL DEVELOPMENT PLAN.
- THIS DEVELOPMENT SHALL COMPLY WITH ALL STANDARDS OF THE UNIFIED DEVELOPMENT CODE (UDC), THE CITY OF GEORGETOWN CONSTRUCTION STANDARDS AND SPECIFICATIONS MANUAL, THE SITE DEVELOPMENT MANUAL AND ALL OTHER APPLICABLE CITY STANDARDS.
- THIS SITE DEVELOPMENT PLAN SHALL MEET THE UDC STORMWATER REQUIREMENTS.
- OUTDOOR LIGHTING SHALL COMPLY WITH SECTION 7.04 OF THE UDC.
- THE CONSTRUCTION PORTION OF THESE PLANS WERE PREPARED, SEALED, SIGNED AND DATED BY A TEXAS LICENSED PROFESSIONAL ENGINEER. THEREFORE, BASED ON THE ENGINEER'S CONCURRENCE OF COMPLIANCE, THE CONSTRUCTION PLANS FOR CONSTRUCTION OF THE PROPOSED PROJECT ARE HEREBY APPROVED SUBJECT TO THE STANDARD CONSTRUCTION SPECIFICATIONS AND DETAILS MANUAL AND ALL OTHER APPLICABLE CITY, STATE AND FEDERAL REQUIREMENTS AND CODES.
- THIS PROJECT IS SUBJECT TO ALL CITY STANDARD CONSTRUCTION SPECIFICATIONS AND DETAILS IN EFFECT AT THE TIME OF SUBMITTAL OF THE PROJECT TO THE CITY.
- SCREENING AND LOCATION OF OUTDOOR STORAGE SHALL COMPLY WITH SECTION 5.09 OF THE UDC.
- SEE SHEET C00 FOR GENERAL NOTES.

**CONCEPT PLAN
SUBMITTED FOR
FAITH LUTHERAN CHURCH - COLUMBARIUMS
4010 WILLIAMS DRIVE
GEORGETOWN, TX 78626**

Sheet List Table

SHEET NUMBER	SHEET TITLE	SHEET DESCRIPTION
01	CVR	COVER SHEET
02	CP 1	CONCEPT PLAN
03	CP 2	CONCEPT PLAN
04	C00	GENERAL NOTES
05	EDA	EXISTING DRAINAGE AREA MAP
06	C53	WATER QUALITY POND PLAN SECTIONS AND DETAILS
07	WQ 2	WATER QUALITY CALCULATIONS
08	S1	STRUCTURAL DRAWING
09	A1	COLUMBARIUM SHOP DRAWING

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN ACCEPTING THESE PLANS, THE CITY OF GEORGETOWN MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

STATE OF TEXAS ★
COUNTY OF WILLIAMSON ★

I, TERRY HAGOOD, P.E., DO HEREBY CERTIFY THAT THE PUBLIC WORKS AND DRAINAGE IMPROVEMENTS DESCRIBED HEREIN HAVE BEEN DESIGNED IN COMPLIANCE WITH THE SUBDIVISION AND BUILDING REGULATION ORDINANCES AND STORM WATER DRAINAGE POLICY ADOPTED BY THE CITY OF GEORGETOWN, TEXAS.



Terry R. Hagood

04/26/2023

ACCEPTED FOR CONSTRUCTION BY:

Planning and Development Services
City of Georgetown, Texas

Date

PROPOSED USE	RETAIL	
ZONING	LOCAL COMMERCIAL [C2]	
AREA	217,974 S.F./5.004 AC.	
UTILITY PROVIDERS	WATER	COG
	WW	COG
	GAS	ATMOS
	ELEC	COG

SPECIAL USE PERMIT NO. _____

RECORDED FINAL PLAT DOC. NO.

8517471 CAB. G, SLIDE 29



OWNER
FAITH LUTHERAN CHURCH
4010 WILLIAMS DR
GEORGETOWN, TX 78628
(512) 863-7332

ENGINEER
HAGOOD ENGINEERING ASSOCIATES, INC.
900 E. MAIN STREET
ROUND ROCK, TEXAS 78664
TERRY R. HAGOOD, P.E.
(512) 244-1546
TERRYH@HEAENG.COM

REVISIONS

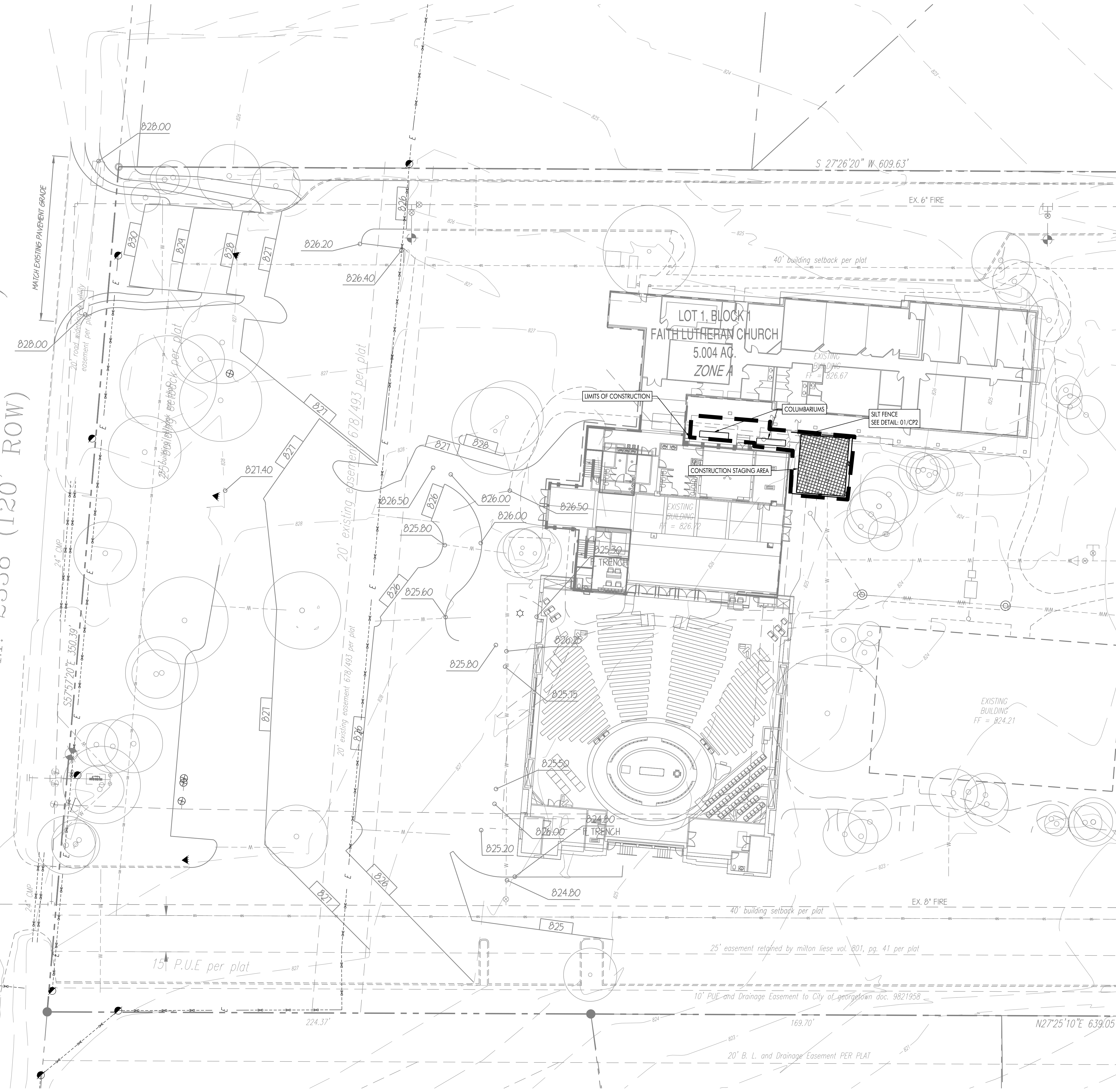
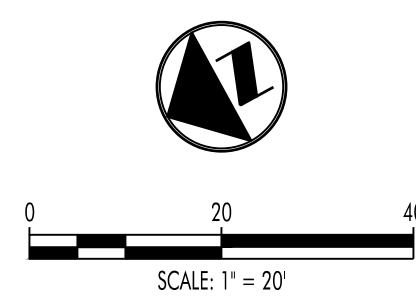
NO.	DATE	DESCRIPTION	APPROVED BY
1			
2			
3			
4			
5			

900 E. Main Street
Round Rock, TX 78664
Phone (512) 244-1546
Fax (512) 244-1010
www.heaa-eng.com
TBPE Registration No. F-12709

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SP NO. 2022-20-SDP

JOB NO: 23-006
DRAWN BY: LS
CHECKED BY: TRH
P.I.C.: TRH
FILE NO: 23-006 CVR
DATE: 04/26/2023
SHEET: 01 OF 09

F. M. 2338 (120' ROW)
 F. M. 2338 (120' ROW)



HAGOOD
 ASSOCIATES

900 E. Main Street
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 Phone (512) 244-1546
 Fax (512) 244-1010
 www.hagoood.com
 TREC Registration No. F-12709

STATE OF TEXAS
 TERRY R. HAGOOD
 52960
 REGISTERED PROFESSIONAL ENGINEER

Terry R. Hagood

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY TERRY R. HAGOOD, P.E. 0799. THIS DOCUMENT AND ANY IT'S CONTENTS WITHOUT THE EXPRESS WRITTEN CONSENT OF THE ENGINEER AND HIS FIRM IS NOT TO BE ACCORDING WITH THE RULES OF THE TEXAS ENGINEERING PRACTICE ACT.

JOB NO. 23-006 © ### HEA, Inc.
 DATE SIGNED: 04/26/2023
 ISSUED FOR: AGENCY REVIEW

**CONCEPT DEVELOPMENT PLAN FOR
 FAITH LUTHERAN CHURCH - COLUMBARIUMS**
 4010 WILLIAMS DRIVE
 GEORGETOWN, TX 78626

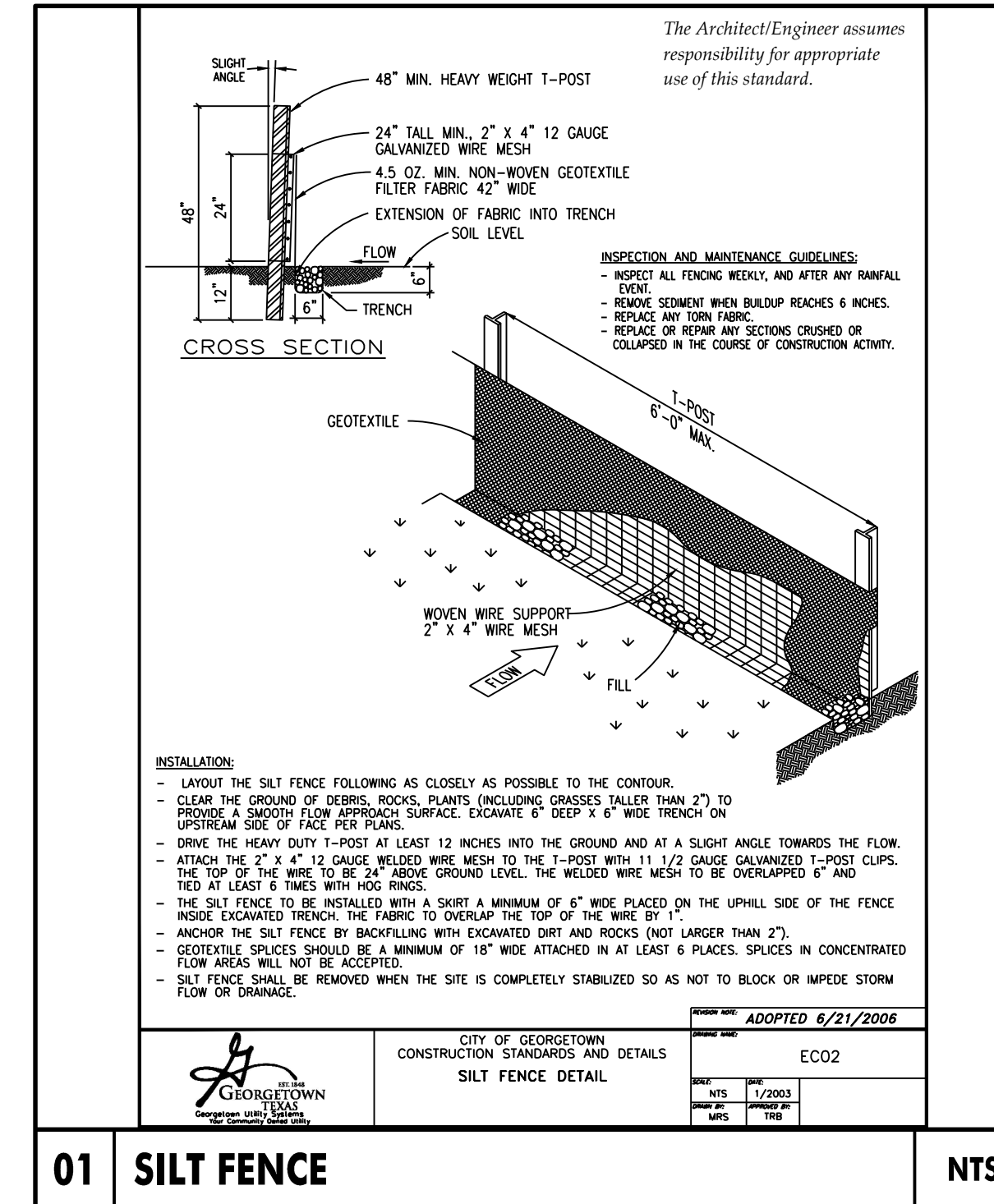
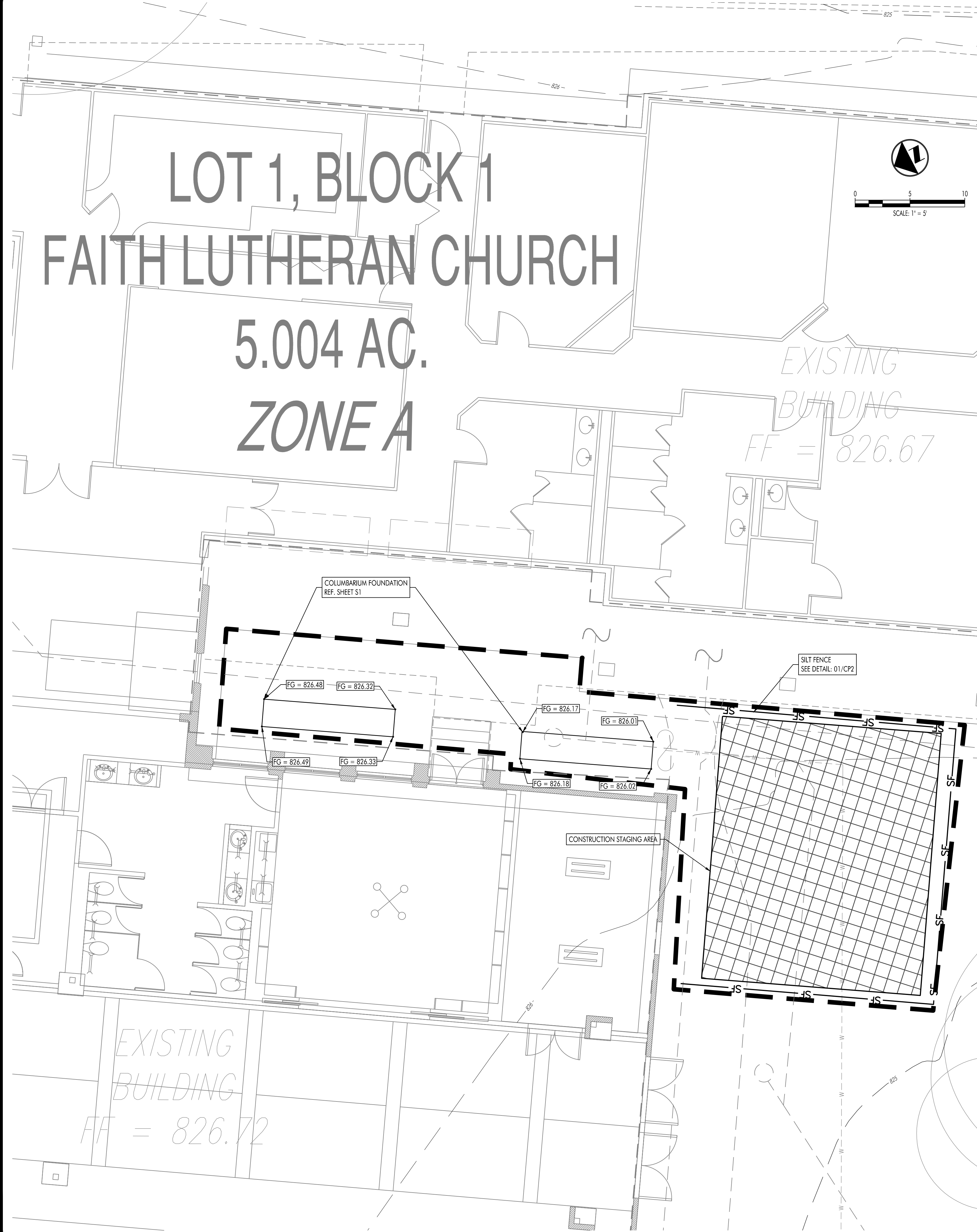
NO.	DATE	DESCRIPTION	REVISIONS

HEA PROJECT NO: 23-006
 ISSUED DATE: 04/26/2023

CONCEPT PLAN

SHEET NO.
CP 1
 02

LOT 1, BLOCK 1 FAITH LUTHERAN CHURCH 5.004 AC. ZONE A



01 SILT FENCE NTS

LEGEND

- IRON ROD FOUND
- IRON ROD SET
- CONCRETE MONUMENT FOUND
- CONCRETE MONUMENT SET
- PIPE FOUND
- △ NAIL FOUND
- WASTEWATER MANHOLE
- STORMWATER MANHOLE
- JUNCTION BOX
- ⊕ FIRE HYDRANT
- ⊕ GATE VALVE
- 649.0 — EXISTING CONTOUR
- 735.00 — EXISTING SPOT ELEVATION
- 735.00 — NEW SPOT ELEVATION
- 735.1 — NEW CONTOUR
- CURB & GUTTER
- WASTEWATER LINE
- STORM SEWER LINE
- WATER LINE
- EXISTING UTILITY LINES
- BOUNDARY
- RIGHT OF WAY (R.O.W.)
- EASEMENT
- SF — SF — SF — SF — SILT FENCE
- RB — RB — RB — RB — ROCK BERM
- TP — TP — TP — TP — TREE PROTECTION
- WOOD FENCE
- X — X — X — X — WIRE FENCE
- O — O — O — O — CHAIN LINK FENCE
- E — E — E — E — OVERHEAD ELECTRIC
- DOWN GUY
- N45°00'E 230.01' PER CALLS METES & BOUNDS
- BUILDING LINE
- WATER METER BOX
- SINGLE SERVICE
- DOUBLE SERVICE
- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- BENCHMARK LOCATION

NOTES:

- NO UTILITIES ARE PROPOSED AS PART OF THIS PROJECT.
- EXISTING UTILITIES SHALL NOT BE EXPOSED DURING CONSTRUCTION.
- CONTRACTOR TO VERIFY OF UNKNOWN EXISTING CONDITIONS.
- SEE SHEET C00 FOR GENERAL NOTES.

HAGOOD ENGINEERING ASSOCIATES

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Fax (512) 244-1010
www.heeng.com
TPE Registration No. F-12709

PROFESSIONAL ENGINEER
REGISTERED STATE OF TEXAS
52960
TERRY R. HAGOOD

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY TERRY R. HAGOOD, P.E. 0799.

THIS DOCUMENT HAS NOT BE REVIEWED BY THE ENGINEER AND THEY MAY NOT ACCORDANCE WITH THE RULES OF THE TEXAS ENGINEERING PRACTICE ACT.

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DATE SIGNED: 04/26/2023
ISSUED FOR: AGENCY REVIEW

**SITE DEVELOPMENT PLANS FOR
FAITH LUTHERAN CHURCH - COLUMBARIUMS
4010 WILLIAMS DRIVE
GEORGETOWN, TX 78626**

NO.	DATE	DESCRIPTION	REVISIONS

HEA PROJECT NO. 23-006
ISSUED DATE: 04/26/2023

CONCEPT PLAN

SHEET NO.
CP 2
03

GEORGETOWN GENERAL NOTES

GENERAL NOTES: CITY OF GEORGETOWN

1. THESE CONSTRUCTION PLANS WERE PREPARED, SEALED, SIGNED AND DATED BY A TEXAS LICENSED PROFESSIONAL ENGINEER. THEREFORE, BASED ON THE ENGINEER'S CONCURRENCE OF COMPLIANCE, THE CONSTRUCTION PLANS FOR CONSTRUCTION OF THE PROPOSED PROJECT ARE HEREBY APPROVED SUBJECT TO THE STANDARD CONSTRUCTION SPECIFICATIONS AND DETAILS MANUAL AND ALL OTHER APPLICABLE CITY, STATE AND FEDERAL REQUIREMENTS AND CODES.
2. THIS PROJECT IS SUBJECT TO ALL CITY STANDARD SPECIFICATIONS AND DETAILS IN AFFECT AT THE TIME OF SUBMITTAL OF THE PROJECT TO THE CITY.
3. THIS SITE CONSTRUCTION PLANS SHALL MEET ALL REQUIREMENTS OF THE APPROVED SITE PLAN.
4. RECORD DRAWINGS OF THE PUBLIC IMPROVEMENTS SHALL BE SUBMITTED TO THE CITY BY THE DESIGN ENGINEER PRIOR TO ACCEPTANCE OF THE PROJECT. THESE DRAWINGS SHALL BE ON A PDF EMAILED TO THE DEVELOPMENT ENGINEER.
5. IN GENERAL ACCORDANCE WITH UDC SECT. 3.09.090, AN SDP SHALL EXPIRE 24 MONTHS AFTER APPROVAL, UNLESS AN ASSOCIATED BUILDING PERMIT APPLICATION HAS BEEN APPROVED.

GENERAL NOTES:

1. IT IS THE RESPONSIBILITY OF THE PROPERTY OWNER, AND SUCCESSORS TO THE CURRENT PROPERTY OWNER, TO ENSURE THE SUBJECT PROPERTY AND ANY IMPROVEMENTS ARE MAINTAINED IN CONFORMANCE WITH THIS SITE DEVELOPMENT PLAN.
2. THIS DEVELOPMENT SHALL COMPLY WITH ALL STANDARDS OF THE UNIFIED DEVELOPMENT CODE (UDC), THE CITY OF GEORGETOWN CONSTRUCTION STANDARDS AND SPECIFICATIONS MANUAL, THE DEVELOPMENT MANUAL AND ALL OTHER APPLICABLE CITY STANDARDS.
3. THIS SITE DEVELOPMENT PLAN SHALL MEET THE UDC STORMWATER REQUIREMENTS.
4. ANY HERITAGE TREE NOTED ON THIS SITE DEVELOPMENT PLAN IS SUBJECT, IN PERPETUITY, TO THE MAINTENANCE, CARE, PRUNING AND REMOVAL REQUIREMENTS OF THE UNIFIED DEVELOPMENT CODE.
5. THE CONSTRUCTION PORTION OF THESE PLANS WERE PREPARED, SEALED, SIGNED AND DATED BY A TEXAS LICENSED PROFESSIONAL ENGINEER. THEREFORE, BASED ON THE ENGINEER'S CONCURRENCE OF COMPLIANCE, THE CONSTRUCTION PLANS FOR CONSTRUCTION OF THE PROPOSED PROJECT ARE HEREBY APPROVED SUBJECT TO THE STANDARD CONSTRUCTION SPECIFICATIONS AND DETAILS MANUAL AND ALL OTHER APPLICABLE CITY, STATE AND FEDERAL REQUIREMENTS AND CODES.
6. THIS PROJECT IS SUBJECT TO ALL CITY STANDARD CONSTRUCTION SPECIFICATIONS AND DETAILS IN EFFECT AT THE TIME OF SUBMITTAL OF THE PROJECT TO THE CITY.

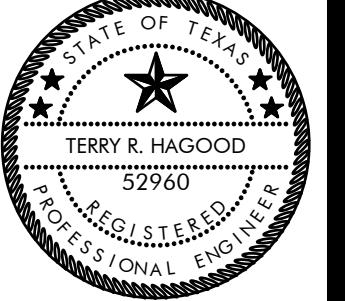
TCEQ WPAP NOTES

(TCEQ-0592 Rev. 07/15/15)
 TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
 WATER POLLUTION ABATEMENT PLAN
 GENERAL CONSTRUCTION NOTES

1. A WRITTEN NOTICE OF CONSTRUCTION MUST BE SUBMITTED TO THE TCEQ REGIONAL OFFICE AT LEAST 48 HOURS PRIOR TO THE START OF ANY REGULATED ACTIVITIES. THIS NOTICE MUST INCLUDE:
 - THE NAME OF THE APPROVED PROJECT;
 - THE ACTIVITY START DATE; AND
 - THE CONTACT INFORMATION OF THE PRIME CONTRACTOR.
2. ALL CONTRACTORS CONDUCTING REGULATED ACTIVITIES ASSOCIATED WITH THIS PROJECT MUST BE PROVIDED WITH COMPLETE COPIES OF THE APPROVED WATER POLLUTION ABATEMENT PLAN (WPAP) AND THE TCEQ LETTER INDICATING THE SPECIFIC CONDITIONS OF ITS APPROVAL. DURING THE COURSE OF THESE REGULATED ACTIVITIES, THE CONTRACTORS ARE REQUIRED TO KEEP ON-SITE COPIES OF THE APPROVED PLAN AND APPROVAL LETTER.
3. IF ANY SENSITIVE FEATURE(S) (CAVES, SOLUTION CAVITY, SINK HOLE, ETC.) IS DISCOVERED DURING CONSTRUCTION, ALL REGULATED ACTIVITIES NEAR THE SENSITIVE FEATURE MUST BE SUSPENDED IMMEDIATELY. THE APPROPRIATE TCEQ REGIONAL OFFICE MUST BE IMMEDIATELY NOTIFIED OF ANY SENSITIVE FEATURES ENCOUNTERED DURING CONSTRUCTION. CONSTRUCTION ACTIVITIES MAY NOT BE RESUMED UNTIL THE TCEQ HAS REVIEWED AND APPROVED THE APPROPRIATE PROTECTIVE MEASURES IN ORDER TO PROTECT ANY SENSITIVE FEATURE AND THE EDWARDS AQUIFER FROM POTENTIALLY ADVERSE IMPACTS TO WATER QUALITY.
4. NO TEMPORARY ABOVEGROUND HYDROCARBON AND HAZARDOUS SUBSTANCE STORAGE TANK SYSTEM IS INSTALLED WITHIN 150 FEET OF A DOMESTIC, INDUSTRIAL, IRRIGATION, OR PUBLIC WATER SUPPLY WELL, OR OTHER SENSITIVE FEATURE.
5. PRIOR TO COMMENCEMENT OF CONSTRUCTION ALL TEMPORARY EROSION AND SEDIMENTATION (E&S) CONTROL MEASURES MUST BE PROPERLY SELECTED, INSTALLED, AND MAINTAINED IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS AND GOOD ENGINEERING PRACTICES. CONTROLS SPECIFIED IN THE TEMPORARY STORM WATER SECTION OF THE APPROVED EDWARDS AQUIFER PROTECTION PLAN ARE REQUIRED DURING CONSTRUCTION. IF INSPECTIONS INDICATE A CONTROL HAS BEEN USED INAPPROPRIATELY, OR INCORRECTLY, THE APPLICANT MUST REPLACE OR MODIFY THE CONTROL FOR SITE SITUATIONS. THE CONTROLS MUST REMAIN IN PLACE UNTIL DISTURBED AREAS ARE REVEGETATED AND THE AREAS HAVE BECOME PERMANENTLY STABILIZED.
6. ANY SEDIMENT THAT ESCAPES THE CONSTRUCTION SITE MUST BE COLLECTED AND PROPERLY DISPOSED OF BEFORE THE NEXT RAIN EVENT TO ENSURE IT IS NOT WASHED INTO SURFACE STREAMS, SENSITIVE FEATURES, ETC.
7. SEDIMENT MUST BE REMOVED FROM SEDIMENT TRAPS OR SEDIMENTATION PONDS NOT LATER THAN WHEN IT OCCUPIES 50% OF THE BASIN'S DESIGN CAPACITY.
8. LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION CHEMICALS EXPOSED TO STORMWATER SHALL BE PREVENTED FROM BEING DISCHARGED OFFSITE.
9. ALL SPOILS (EXCAVATED MATERIAL) GENERATED FROM THE PROJECT SITE MUST BE STORED ON-SITE WITH PROPER E&S CONTROLS. FOR STORAGE OR DISPOSAL OF SPOILS AT ANOTHER SITE ON THE EDWARDS AQUIFER RECHARGE ZONE, THE OWNER OF THE SITE MUST RECEIVE APPROVAL OF A WATER POLLUTION ABATEMENT PLAN FOR THE PLACEMENT OF FILL MATERIAL OR MASS GRADING PRIOR TO THE PLACEMENT OF SPOILS AT THE OTHER SITE.
10. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARY OR PERMANENTLY CEASE IS PRECLUDED BY WEATHER CONDITIONS, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE. WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 21 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF SITE. IN AREAS EXPERIENCING DROUGHTS WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED IS PRECLUDED BY SEASONAL ARID CONDITIONS, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE.
11. THE FOLLOWING RECORDS SHALL BE MAINTAINED AND MADE AVAILABLE TO THE TCEQ 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.
12. THE HOLDER OF ANY APPROVED EDWARDS AQUIFER PROTECTION PLAN MUST NOTIFY THE APPROPRIATE REGIONAL OFFICE IN WRITING AND OBTAIN APPROVAL FROM THE EXECUTIVE DIRECTOR PRIOR TO INITIATING ANY OF THE FOLLOWING:
 - 12.A. ANY PHYSICAL OR OPERATIONAL MODIFICATION OF ANY WATER POLLUTION ABATEMENT STRUCTURE(S), INCLUDING BUT NOT LIMITED TO PONDS, DAMS, BERMS, SEWAGE TREATMENT PLANTS, AND DIVERSIONARY STRUCTURES;
 - 12.B. ANY CHANGE IN THE NATURE OR CHARACTER OF THE REGULATED ACTIVITY FROM THAT WHICH WAS ORIGINALLY APPROVED OR A CHANGE WHICH WOULD SIGNIFICANTLY IMPACT THE ABILITY OF THE PLAN TO PREVENT POLLUTION OF THE EDWARDS AQUIFER;
 - 12.C. ANY DEVELOPMENT OF LAND PREVIOUSLY IDENTIFIED AS UNDEVELOPED IN THE ORIGINAL WATER POLLUTION ABATEMENT PLAN.



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Terry R. Hagood
 TERRY R. HAGOOD
 PROFESSIONAL ENGINEER

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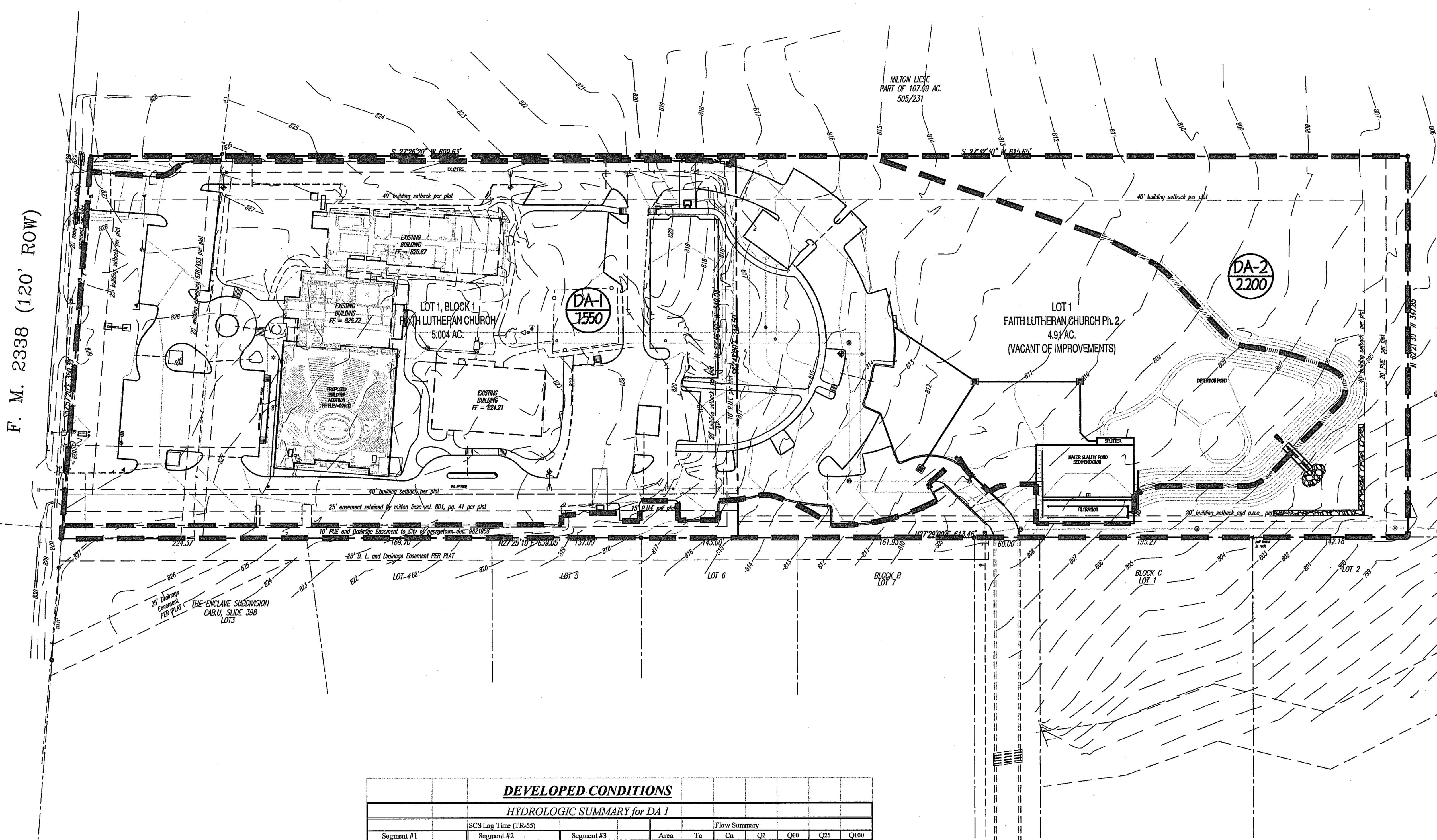
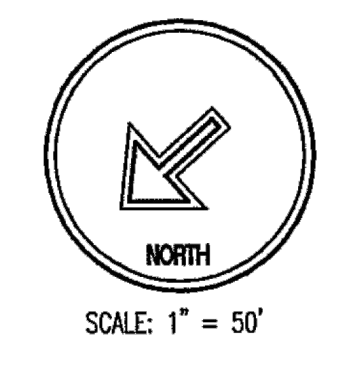
SITE DEVELOPMENT PLANS FOR
 FAITH LUTHERAN CHURCH - COLUMBARIUMS
 4010 WILLIAMS DRIVE
 GEORGETOWN, TX 78626

NO.	DATE	DESCRIPTION	REVISIONS

HEA PROJECT NO: 23-006
 ISSUED DATE: 04/26/2023

GENERAL NOTES

SHEET NO.
C00
 04



Station	Depth	Accumul. Depth	Area	Volume	Accumul. Volume	allow.ret	Outflow	Remarks
804.5	0	0	0.00	0.00	0.00		0.00	
804.6	0.1	0.1	749.20	74.92	74.92		74.92	
804.7	0.1	0.2	1498.40	149.84	224.76		224.76	
804.8	0.1	0.3	2247.60	224.76	449.52		449.52	
804.9	0.1	0.4	2996.80	299.68	749.20		749.20	
805	0.1	0.5	3746.00	374.60	1123.80		1123.80	
805.1	0.1	0.6	4486.54	448.65	1572.45		1572.45	
805.2	0.1	0.7	5227.08	522.71	2095.16		2095.16	
805.3	0.1	0.8	5967.62	596.76	2691.92		2691.92	
805.4	0.1	0.9	6708.16	670.82	3362.74		3362.74	
805.5	0.1	1	7448.70	744.87	4107.61		4107.61	
805.6	0.1	1.1	8189.24	818.92	4925.53		4925.53	
805.7	0.1	1.2	8929.78	892.98	5819.51		5819.51	
805.8	0.1	1.3	9670.32	967.03	6786.54		6786.54	
805.9	0.1	1.4	10410.86	1041.09	7827.63		7827.63	
806	0.1	1.5	11151.40	1115.14	8942.77		8942.77	
806.1	0.1	1.6	11473.74	1147.37	10090.14		10090.14	
806.2	0.1	1.7	11796.08	1179.61	11269.75		11269.75	
806.3	0.1	1.8	12118.42	1211.84	12481.59		12481.59	
806.4	0.1	1.9	12440.76	1244.08	13725.67		13725.67	
806.5	0.1	2	12763.10	1276.31	15001.98		15001.98	
806.6	0.1	2.1	13085.44	1308.54	16310.52		16310.52	
806.7	0.1	2.2	13407.78	1340.78	17651.30		17651.30	
806.8	0.1	2.3	13730.12	1373.01	19024.31		19024.31	
806.9	0.1	2.4	14052.46	1405.25	20429.56		20429.56	
807	0.1	2.5	14374.80	1437.48	21867.04		21867.04	
807.1	0.1	2.6	14514.19	1451.42	23318.46	10.127	8.05 2 year	
807.2	0.1	2.7	14653.58	1465.36	24783.82			
807.3	0.1	2.8	14792.97	1479.30	26263.11			
807.4	0.1	2.9	14932.36	1493.24	27756.35			
807.5	0.1	3	15071.75	1507.18	29263.53			
807.6	0.1	3.1	15211.14	1521.11	30784.64			
807.7	0.1	3.2	15350.53	1535.05	32319.69			
807.8	0.1	3.3	15489.92	1548.99	33868.68			
807.9	0.1	3.4	15629.31	1562.93	35431.62			
808	0.1	3.5	15768.70	1576.87	37008.49			
808.1	0.1	3.6	16091.04	1609.10	38617.59			
808.2	0.1	3.7	16413.38	1641.34	40258.93			
808.3	0.1	3.8	16735.72	1673.57	41932.50			
808.4	0.1	3.9	17058.06	1705.81	43638.31			
808.5	0.1	4	17380.40	1738.04	45376.35	22.92	16.55 10 year	
808.6	0.1	4.1	17702.74	1770.27	47146.62			
808.7	0.1	4.2	18025.08	1802.51	48949.13			
808.8	0.1	4.3	18347.42	1834.74	50783.87			
808.9	0.1	4.4	18669.76	1866.98	52650.85			
809	0.1	4.5	19122.80	1912.28	54563.13			
809.1	0.1	4.6	19262.19	1926.22	56499.34			
809.2	0.1	4.7	19401.58	1940.16	58429.50	30.87	24.07 25 year	
809.3	0.1	4.8	19540.97	1954.10	60343.60			
809.4	0.1	4.9	19680.36	1968.04	62311.64			
809.5	0.1	5	19819.75	1981.98	64333.61			
809.6	0.1	5.1	19959.14	1995.91	66329.52			
809.7	0.1	5.2	20098.53	2009.85	68399.38	42.58	39.28 100 year	
809.8	0.1	5.3	16486.00	1648.60	69987.98			
809.9	0.1	5.4	16625.39	1662.54	71650.52			
810	0.1	5.5	27878.40	2787.84	74438.36			
810.1	0.1	5.6	28017.79	2801.78	77240.14			
810.2	0.1	5.7	28157.18	2815.72	80055.85			
810.3	0.1	5.8	28296.57	2829.66	82885.51			
810.4	0.1	5.9	28435.96	2843.60	85729.11			
810.5	0.1	6	28575.35	2857.54	88586.64			
810.6	0.1	6.1	28714.74	2871.47	91458.12			
810.7	0.1	6.2	28854.13	2885.41	94343.53			
810.8	0.1	6.3	28993.52	2899.35	97242.88			
810.9	0.1	6.4	29132.91	2913.29	100156.17			
811	0.1	6.5	37461.60	3746.16	103902.33			

DEVELOPED CONDITIONS												
HYDROLOGIC SUMMARY for DA 1												
SCS Lag Time (TR-55)		Segment #2		Segment #3		Flow Summary						
Segment #1	Sheet Flow	Segment #2	Segment #3	Area	Tc	Cn	Q2	Q10	Q25	Q100		
Mannings "n"	0.02	Unpaved	no	Mannings "n"	0.012	7.608	0.159	89	25.31	41.63	50.55	64.49
Length (ft)	150	Length (ft)	650	Length (ft)	300	Pond Outflow	6.63	10.86	19.32	31.44		
Slope (%)	2.64	Slope (%)	0.02	Slope (%)	0.02	Velocity (fps)	17.56					
2-yr, 3 hr rainfall	2.64	segment total	0.0655	segment total	0.0888	time of conc.(hr)	0.159	SCS Lag Time (6 x .124) = .07	0.0954			
segment total	0.0655	segment total	0.0888	segment total	0.0047							

HYDROLOGIC SUMMARY for DA 2												
SCS Lag Time (TR-55)		Segment #2		Segment #3		Flow Summary						
Segment #1	Sheet Flow	Segment #2	Segment #3	Area	Tc	Cn	Q2	Q10	Q25	Q100		
Mannings "n"	0.2	Unpaved	yes	Mannings "n"	0	2.292	0.545	79	2.68	5.85	7.85	10.8
Length (ft)	300	Length (ft)	0	Length (ft)	0	Refer to Engineering Report for Hec-1 analysis						
Slope (%)	2.64	Slope (%)	0	Slope (%)	0	Velocity (fps)	0					
2-yr, 3 hr rainfall	2.64	segment total	0.545	segment total	0	time of conc.(hr)	0.545	SCS Lag Time (6 x .3686) = .2	0.327			
segment total	0.545	segment total	0	segment total	0							

SITE DISCHARGE TOTAL	9.28	16.42	27.11	42.24
-----------------------------	-------------	--------------	--------------	--------------

HEA PROJECT NO. 23-006
ISSUED DATE: 04/26/2023

EXISTING DRAINAGE AREA MAP

EDA

THIS SHEET IS FOR REFERENCE ONLY

OVERALL DRAINAGE SITE PLAN (PROPOSED)

DATE ISSUED: 02/06/08
JOB NO.: 2601B

FHI CIVIL & STRUCTURAL ENGINEERING

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TERRY R. HAGOOD
REGISTERED PROFESSIONAL ENGINEER

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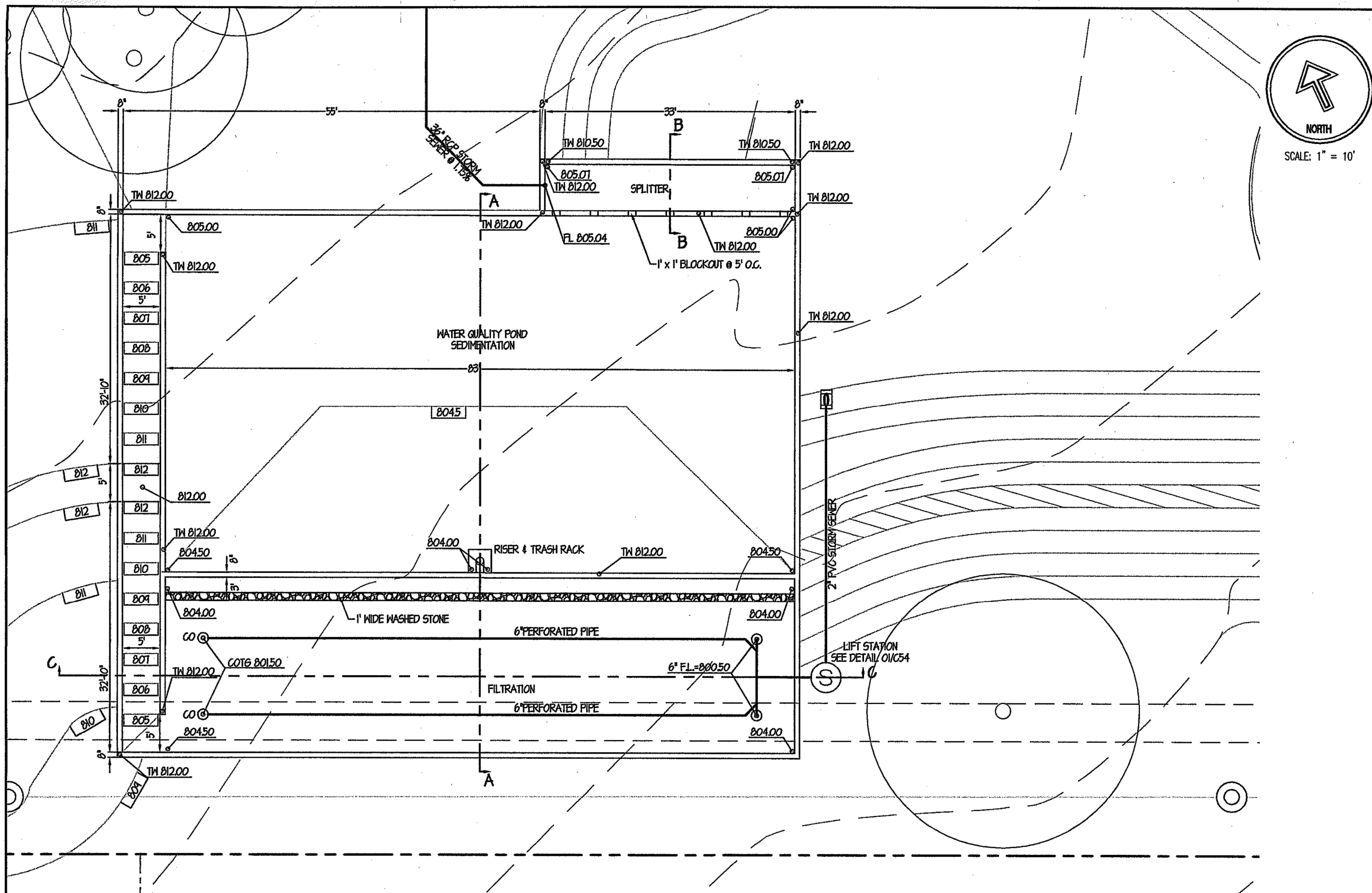
DATE: 06 February 2008
PROJECT NO: 0624
SHEET NO: C50B
13 OF 22

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OVERALL DRAINAGE SITE PLAN (PROPOSED)



Texas Commission on Environmental Quality
 TSS Removal Calculations 05-09-2006
 Project Name: Faith Lutheran Church
 Date Prepared: 7/20/2007

Text shown in magenta provide instructions for the use of this spreadsheet.
 Text shown in blue indicate location of instructions in the Technical Guidance Manual - RG 348.
 Characters shown in red are data entry fields.
 Characters shown in black are calculated fields. Changes to these fields will remove equations used in the spreadsheet.

1. The Required Load Reduction from the total project. Calculations from RG-348 Pages 5-27 to 5-30

Page 5-29 Equation 5.3: $L_{in} = 27.2(P_{in} \times P)$

where:
 L_{in} = Required TSS removal
 P_{in} = Peak increase in impervious area for site
 P = Average annual precipitation, inches

Site Data: Determine Required Load Reduction Based on the Entire Project

County	Williamson
Total project area (including to plant)	9.75 acres
Predevelopment impervious area within the limits of the plan	0.00 acres
Total post-development impervious area within the limits of the plan	4.75 acres
Total post-development impervious cover fraction	0.49
Total L_{in} required for this plan	4134 lbs.

2. Calculations for the Required Load Reduction.

Drainage Basin / Outfall Area No. = 1
 Page 5-29 Equation 5.3: $L_{in} = 27.2(P_{in} \times P)$

where:
 L_{in} = Required TSS removal
 P_{in} = Peak increase in impervious area for site
 P = Average annual precipitation, inches

Site Data: Determine Required Load Reduction Based on the Entire Project

Total drainage basin / outfall area	7.26 acres
Predevelopment impervious area within drainage basin / outfall area	0.00 acres
Total post-development impervious area within drainage basin / outfall area	4.75 acres
Total post-development impervious cover fraction	0.65
Total L_{in} required for this plan	4134 lbs.

3. Indicate the Drainage Basin and Select the desired BMP Code for this Section.

Proposed BMP	Removal efficiency	of	abbreviation	BMP Code	BMP Type
AC	89	percent		AC	Aquatic Cartridge Filter
BR				BR	Bioretention
CV				CV	Constructed Wetland
ED				ED	Extended Detention
GS				GS	Grassy Swale
IR				IR	Infiltration / Infiltration
SP				SP	Sand Filter
WB				WB	Wet Basin
WW				WW	Wet Well

4. Calculate TSS Load Removed (LR) from this Drainage Basin by the Proposed BMP Type.

RG-348 Page Equation 5.7: $LR = (BMP \text{ efficiency} \times P \times (A_i \times 24.8 + AP) \times 0.50)$

where:
 LR = TSS Load Removed (lbs)
 $BMP \text{ efficiency}$ = BMP Removal Efficiency (percent)
 P = Average annual precipitation, inches
 A_i = Total Catchment area in the BMP Catchment area
 AP = Impervious area proposed in the BMP Catchment area
 LR = TSS Load removed by the proposed BMP

AC	7.26	acres
AI	4.75	acres
AP	2.60	acres
LR	4719	lbs

5. Calculate Fraction of Annual Runoff to Treat the drainage basin / outfall area

Page 5-30 Equation 5.8: $F = \frac{LR}{L_{in}}$

where:
 F = Fraction of Annual Runoff to Treat
 LR = TSS Load removed by the proposed BMP
 L_{in} = Total TSS Load Required

F	0.98	
---	------	--

6. Calculate Capture Volume required by the BMP Type for this drainage basin / outfall area. Calculations from RG-348 Pages 5-34 to 5-38

Page 5-34 Equation 5.10: $V = \frac{LR}{C}$

where:
 V = Capture Volume (cubic feet)
 LR = TSS Load removed by the proposed BMP
 C = TSS Capture Coefficient

V	3658	cubic feet
---	------	------------

7. Filter area for Sand Filters. Designed as Required in RG-348 Pages 5-38 to 3-43

8. Full Sedimentation and Filtration System

Water Quality Volume for sedimentation basin	21979	cubic feet
Minimum basin area	1221	square feet
Minimum sedimentation basin area	10989	square feet
Minimum filtration basin area	2747	square feet

9. Sedimentation Pond Depth v. Storage

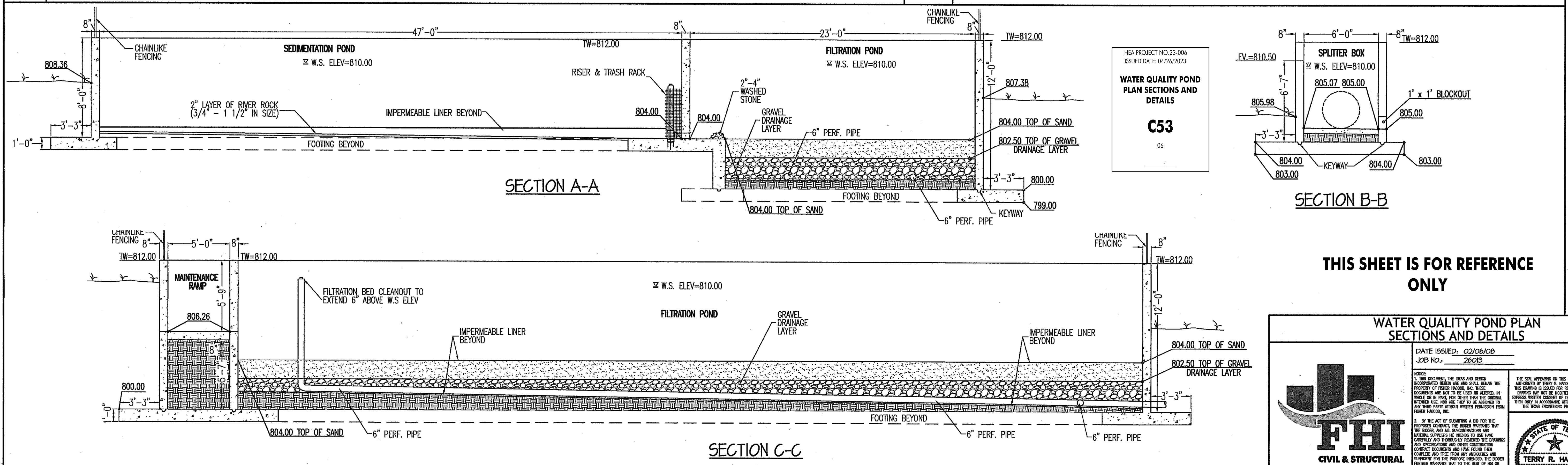
Elevation	Depth	Accumul. Area	Volume	Accumul. Volume	Remarks
804	0	0	0.00	0.00	
804.5	0.5	0.5	1560.00	780.00	
805	1	1	3900.00	1950.00	
806	2	2	3900.00	6300.00	
807	3	3	3900.00	10330.00	
808	4	4	3900.00	14430.00	
809	5	5	3900.00	18330.00	
810	6	6	3900.00	22230.00	
811	7	7	3900.00	26130.00	
812	8	8	3900.00	30030.00	

10. Filtration Pond Depth v. Storage

Elevation	Depth	Accumul. Area	Volume	Accumul. Volume	Remarks
804	0	0	1660.00	0.00	
805	1	1	1909.00	1909.00	
806	2	2	1909.00	3818.00	
807	3	3	1909.00	5727.00	
808	4	4	1909.00	7636.00	
809	5	5	1909.00	9545.00	
810	6	6	1909.00	11454.00	
811	7	7	1909.00	13363.00	
812	8	8	1909.00	15272.00	

01 WATER QUALITY POND PLAN
 1"=10'

02 CALCULATIONS
 NTS

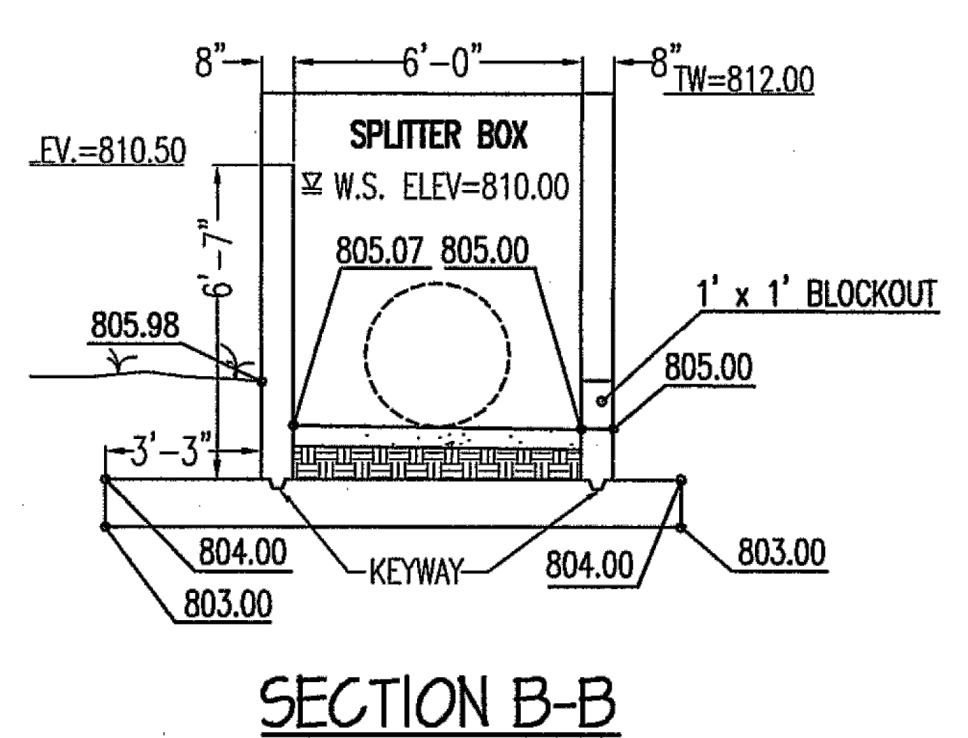


HEA PROJECT NO. 23-006
 ISSUED DATE: 04/26/2003

WATER QUALITY POND PLAN SECTIONS AND DETAILS

C53

06



THIS SHEET IS FOR REFERENCE ONLY

03 SECTIONS
 1"=4'

WATER QUALITY POND PLAN SECTIONS AND DETAILS

DATE ISSUED: 02/06/08
 JOB NO.: 26013

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DATE: 06 February 2008
 PROJECT NO: 0624
 SHEET NO: C53
 16 OF 22

FAITH LUTHERAN CHURCH
 Phase 1 Sanctuary Construction and Narthex Renovation
 Georgetown, Texas

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WATER QUALITY POND PLAN SECTIONS AND DETAILS

DRAWN BY:
 CHECKED BY:
 DATE: 06 February 2008
 PROJECT NO: 0624
 SHEET NO: C53
 16 OF 22

TSS Removal Calculations 04-20-2009

Project Name: **FAITH LUTHERAN CHURCH COLUMBARIUMS**
 Date Prepared: **4/25/2023**

Additional information is provided for cells with a red triangle in the upper right corner. Place the cursor over the cell.
 Text shown in blue indicate location of instructions in the Technical Guidance Manual - RG-348.
 Characters shown in red are data entry fields.
 Characters shown in black (Bold) are calculated fields. Changes to these fields will remove the equations used in the spreadsheet.

1. The Required Load Reduction for the total project: Calculations from RG-348 Pages 3-27 to 3-30

Page 3-29 Equation 3.3: $L_M = 27.2(A_N \times P)$

where: L_M TOTAL PROJECT = Required TSS removal resulting from the proposed development = 80% of increased load
 A_N = Net increase in impervious area for the project
 P = Average annual precipitation, inches

Site Data: Determine Required Load Removal Based on the Entire Project

County = **Williamson**
 Total project area included in plan = **9.75** acres
 Predevelopment impervious area within the limits of the plan = **0.00** acres
 Total post-development impervious area within the limits of the plan = **4.75** acres
 Total post-development impervious cover fraction = **0.49**
 P = **32** inches

L_M TOTAL PROJECT = **4136** lbs.

* The values entered in these fields should be for the total project area.

Number of drainage basins / outfalls areas leaving the plan area = **2**

2. Drainage Basin Parameters (This information should be provided for each basin):

Drainage Basin/Outfall Area No. = **1**

Total drainage basin/outfall area = **7.25** acres
 Predevelopment impervious area within drainage basin/outfall area = **0.00** acres
 Post-development impervious area within drainage basin/outfall area = **4.75** acres
 Post-development impervious fraction within drainage basin/outfall area = **0.66**
 L_M THIS BASIN = **4136** lbs.

3. Indicate the proposed BMP Code for this basin.

Proposed BMP = **Sand Filter**
 Removal efficiency = **89** percent

- Aqualogic Cartridge Filter
- Bioretention
- Contech StormFilter
- Constructed Wetland
- Extended Detention
- Grassy Swale
- Retention / Irrigation
- Sand Filter
- Stormceptor
- Vegetated Filter Strips
- Vortechs
- Wet Basin
- Wet Vault

4. Calculate Maximum TSS Load Removed (L_R) for this Drainage Basin by the selected BMP Type.

RG-348 Page 3-33 Equation 3.7: $L_R = (\text{BMP efficiency}) \times P \times (A_i \times 34.6 + A_p \times 0.54)$

where: A_C = Total On-Site drainage area in the BMP catchment area
 A_i = Impervious area proposed in the BMP catchment area
 A_p = Pervious area remaining in the BMP catchment area
 L_R = TSS Load removed from this catchment area by the proposed BMP

A_C = **7.25** acres
 A_i = **4.75** acres
 A_p = **2.50** acres
 L_R = **4720** lbs.

5. Calculate Fraction of Annual Runoff to Treat the drainage basin / outfall area

Desired L_M THIS BASIN = **4136** lbs.

F = **0.88**

6. Calculate Capture Volume required by the BMP Type for this drainage basin / outfall area. Calculations from RG-348 Pages 3-34 to 3-36

Rainfall Depth = **1.50** inches
 Post Development Runoff Coefficient = **0.46**
 On-site Water Quality Volume = **18322** cubic feet

Calculations from RG-348 Pages 3-36 to 3-37

Off-site area draining to BMP = **0.00** acres
 Off-site impervious cover draining to BMP = **0.00** acres
 Impervious fraction of off-site area = **0**
 Off-site Runoff Coefficient = **0.00**
 Off-site Water Quality Volume = **0** cubic feet

Storage for Sediment = **3664**

Total Capture Volume (required water quality volume(s) x 1.20) = **21986** cubic feet

The following sections are used to calculate the required water quality volume(s) for the selected BMP.
 The values for BMP Types not selected in cell C45 will show NA.

9. Filter area for Sand Filters Designed as Required in RG-348 Pages 3-58 to 3-63

9A. Full Sedimentation and Filtration System

Water Quality Volume for sedimentation basin = **21986** cubic feet
 Minimum filter basin area = **1018** square feet
 Maximum sedimentation basin area = **9161** square feet For minimum water depth of 2 feet
 Minimum sedimentation basin area = **2290** square feet For maximum water depth of 8 feet

9B. Partial Sedimentation and Filtration System

Water Quality Volume for combined basins = **21986** cubic feet
 Minimum filter basin area = **1832** square feet
 Maximum sedimentation basin area = **7329** square feet For minimum water depth of 2 feet
 Minimum sedimentation basin area = **458** square feet For maximum water depth of 8 feet

10. Bioretention System Designed as Required in RG-348 Pages 3-63 to 3-65

Required Water Quality Volume for Bioretention Basin = **NA** cubic feet

11. Wet Basins Designed as Required in RG-348 Pages 3-66 to 3-71

TCEQ NOTES:

1. IMPERVIOUS COVER PROPOSED = 60 S.F. OR 0.0014 AC.
2. NEW IMPERVIOUS COVER WITHIN DRAINAGE BASIN 2 = 4.7514 AC.
3. WATER QUALITY REQUIREMENTS HAVE BEEN MET AS INDICATED ON SHEET C53.



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TERRY R. HAGOOD
 PROFESSIONAL ENGINEER

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JOB NO. 23-006 © ### HEA, Inc.
 DATE SIGNED: 04/26/2023
 ISSUED FOR: AGENCY REVIEW

SITE DEVELOPMENT PLANS FOR
 FAITH LUTHERAN CHURCH - COLUMBARIUMS
 4010 WILLIAMS DRIVE
 GEORGETOWN, TX 78626

REVISIONS

DESCRIPTION

DATE

NO.

HEA PROJECT NO: 23-006
 ISSUED DATE: 04/26/2023

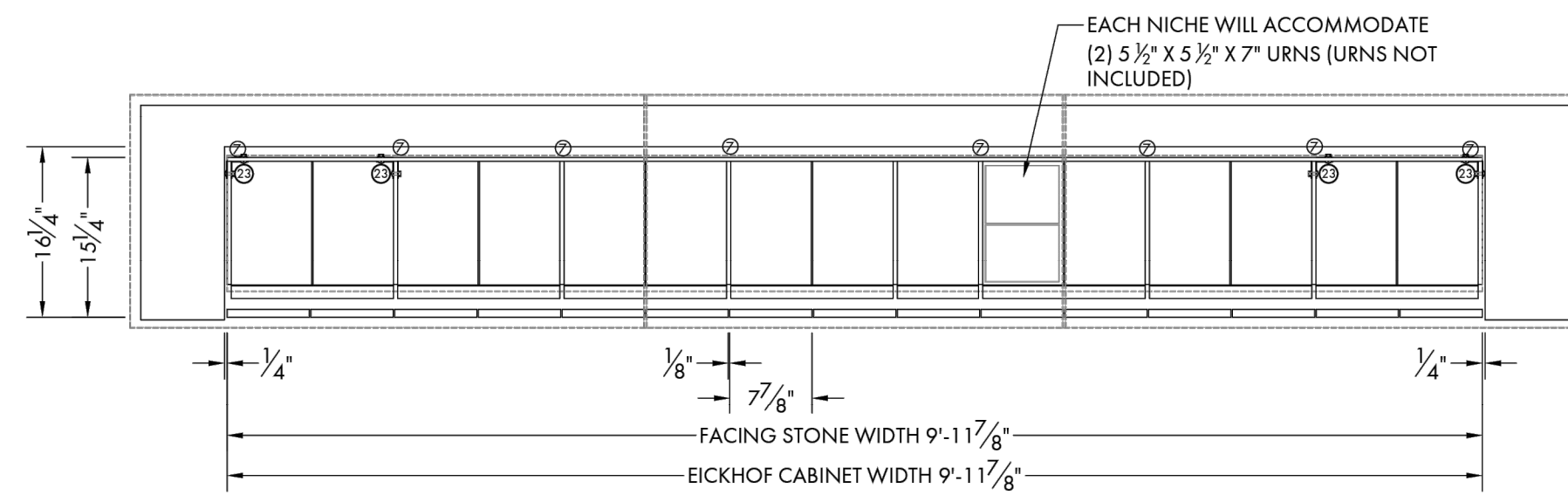
WATER QUALITY CALCULATIONS

SHEET NO.

WQ 2

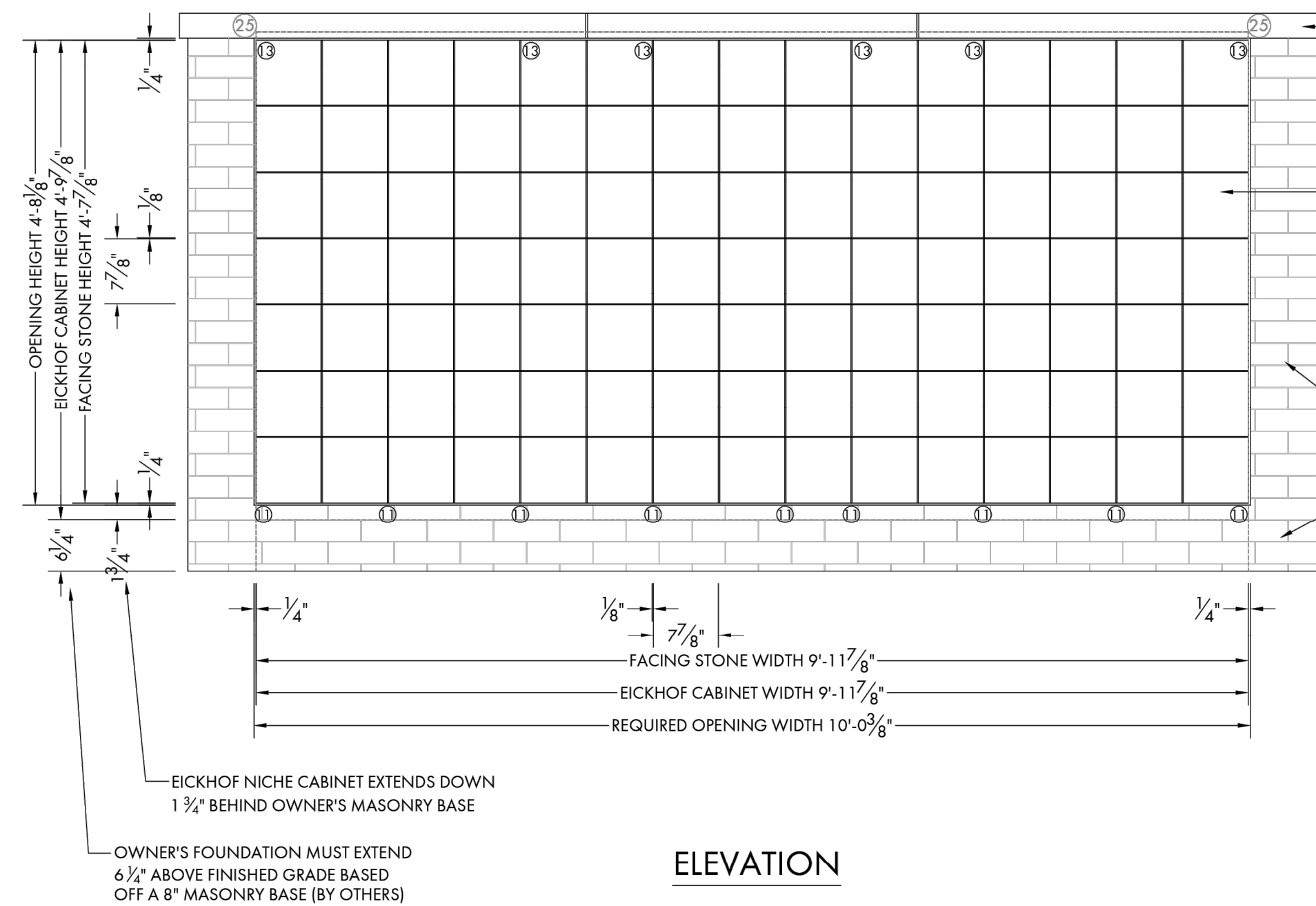
105 - 8"x8" COMPANION NICHES
210 TOTAL URN SPACES

2 REQUIRED

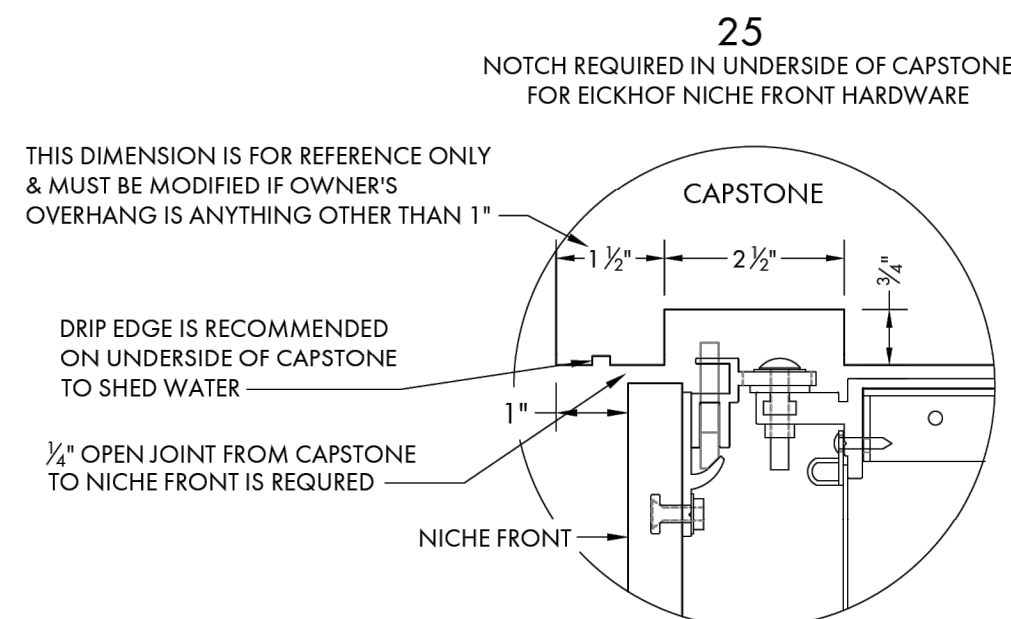


PLAN VIEW

CAPSTONE ANCHORS (#13) WILL BE INSTALLED ON THE COLUMBARIUM AS SHOWN UNLESS NOTIFIED BY OWNER OF DIFFERENT CAPSTONE LAYOUT. ANY DIFFERENT LAYOUT MUST BE RETURNED WITH APPROVED DRAWINGS.



ELEVATION



25
NOTCH REQUIRED IN UNDERSIDE OF CAPSTONE FOR EICKHOF NICHE FRONT HARDWARE

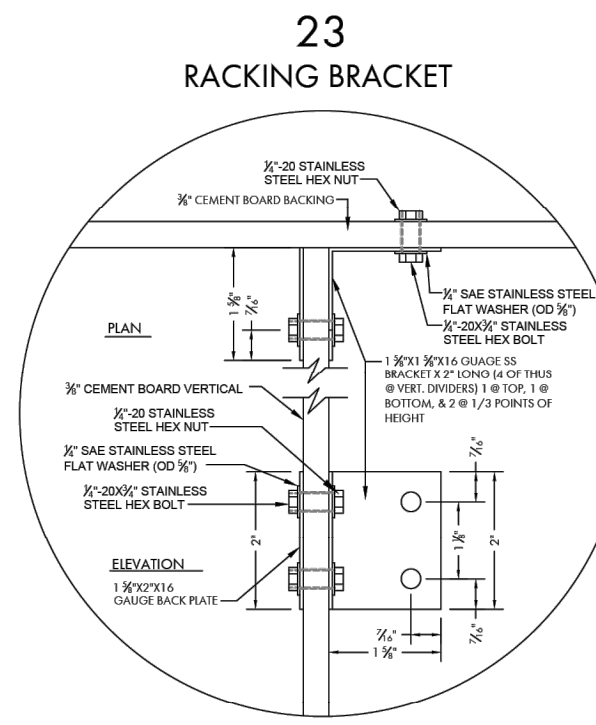
THIS DIMENSION IS FOR REFERENCE ONLY & MUST BE MODIFIED IF OWNER'S OVERHANG IS ANYTHING OTHER THAN 1"

DRIP EDGE IS RECOMMENDED ON UNDERSIDE OF CAPSTONE TO SHED WATER

1/4" OPEN JOINT FROM CAPSTONE TO NICHE FRONT IS REQUIRED

NICHE FRONT

**IT IS CRITICAL THAT WHEN SETTING THE CAPSTONE, A 1/4" OPEN JOINT IS MAINTAINED FOR THE INSERTION OF THE THIN EICKHOF KEY WRENCH TO REMOVE THE NICHE FRONTS. THIS CAN BE ACCOMPLISHED BY SHIMMING THE CAPSTONE AT THE TOP EDGE OF THE 3/8" THICK CEMENT BOARD VERTICAL DIVIDERS.



23
RACKING BRACKET

APPROVED BY: _____

PLEASE PRINT: _____ DATE: _____

APPROVERS JOB TITLE: _____

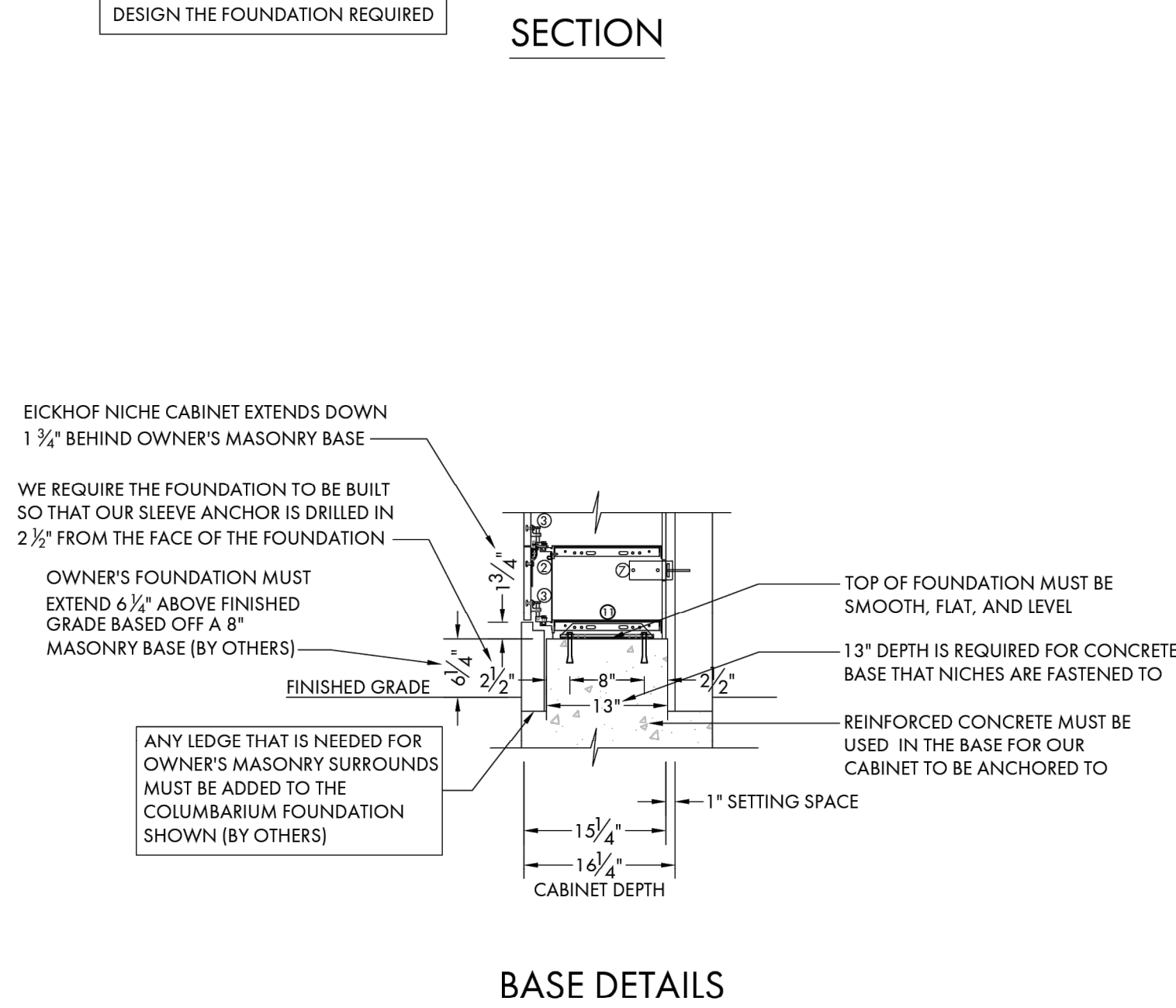
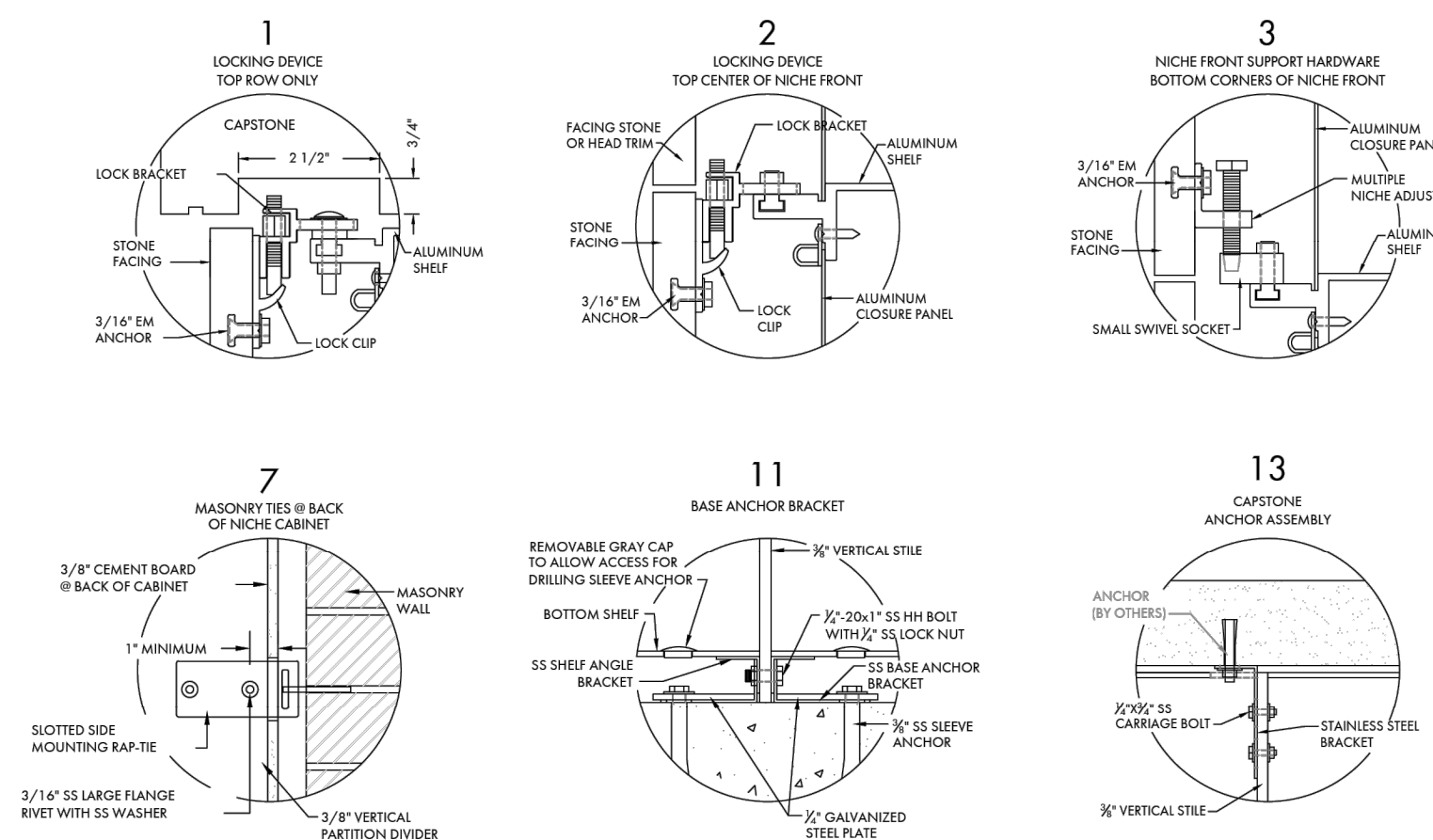
WHEN YOU APPROVE THE EICKHOF DRAWINGS, YOU ARE ACKNOWLEDGING THAT YOU HAVE FULLY REVIEWED & UNDERSTAND THE DRAWINGS, DIMENSIONS, AND NOTES. IF YOU HAVE ANY QUESTIONS, PLEASE CONTACT EICKHOF COLUMBARIA AT 1-800-253-0457 EXT. 113

- NOTES:
- WE INSTALL ON OWNER'S FOUNDATION.
 - FINISHED GRADE AND SURROUNDS MUST BE COMPLETED AFTER THE INSTALLATION OF THE COLUMBARIUM.
 - ALL NICHE SIZES ARE NOMINAL.
 - NUMBERS ON DRAWING DENOTE HARDWARE DETAILS SHOWN ON PAGE.
 - CAPSTONE MUST SPAN ACROSS 2 OF OUR CEMENT BOARD VERTICALS. VERTICAL MEMBERS ON YOUR CABINET ARE EVERY 16" O.C. CAPSTONE MUST BE SHIMMED UP AT THE CEMENT BOARD VERTICALS ONLY.
 - APPROXIMATE WEIGHT OF EACH EICKHOF PROVIDED COLUMBARIUM (105 NICHES) IS 3,600 LBS. THIS INCLUDES AN AVERAGE WEIGHT FOR TWO URNS WITH CREMATED REMAINS IN EVERY NICHE.

- THE ORDER OF EICKHOF'S INSTALLATION PROCESS:
- FOUNDATION FOR COLUMBARIUM WITH MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI (BY OTHERS) COMPLETED PRIOR TO INSTALLATION.
 - EICKHOF WILL DELIVER AND INSTALL THE COLUMBARIUM.
 - FINISHED GRADE AND SURROUNDS MUST BE COMPLETED AFTER COLUMBARIUM IS SET ON OWNER'S FOUNDATION.

- ITEMS INCLUDED WITH YOUR ORDER:
- (10) 7 1/2" x 7 1/2" EXTRA NICHE FRONTS (FOR FUTURE USE).
 - (4) SINGLE TEMPORARY FRONTS (THIS FRONT IS PUT INTO PLACE DURING INSCRIPTION).

HARDWARE DETAILS



SECTION

SECTION

OWNER'S FOUNDATION MUST EXTEND 6 1/2" ABOVE FINISHED GRADE BASED OFF A 8" MASONRY BASE (BY OTHERS)

FINISHED GRADE

13" DEPTH IS REQUIRED FOR CONCRETE BASE THAT NICHES ARE FASTENED TO

REINFORCED CONCRETE MUST BE USED IN THE BASE FOR OUR CABINET TO BE ANCHORED TO

TOP OF FOUNDATION MUST BE SMOOTH, FLAT, AND LEVEL

13" DEPTH IS REQUIRED FOR CONCRETE BASE THAT NICHES ARE FASTENED TO

REINFORCED CONCRETE MUST BE USED IN THE BASE FOR OUR CABINET TO BE ANCHORED TO

1" SETTING SPACE

CABINET DEPTH

15 1/4"

16 1/4"

1" SETTING SPACE

CABINET DEPTH

IT IS THE OWNER'S RESPONSIBILITY TO OBTAIN A QUALIFIED ENGINEER TO DESIGN THE FOUNDATION REQUIRED

FOUNDATION MINIMUM REQUIREMENTS:

ALL FOUNDATIONS MUST BE DESIGNED BY LOCAL ENGINEER FOR SITE SOIL CONDITION AS WELL AS STATE, & LOCAL CODE REQUIREMENTS.

THIS IS TO STATE THE IMPORTANCE THAT THE FOUNDATION IS CONSTRUCTED PER YOUR ENGINEER'S REQUIREMENTS AND OUR CONTRACT DRAWING DIMENSIONS. ALSO, MAKE SURE THAT THE FOUNDATION CONTRACTOR RECEIVES AN APPROVED SET OF EICKHOF CONTRACT DRAWINGS PRIOR TO STARTING HIS WORK. THE FOLLOWING ARE SPECIFICATIONS THAT MUST BE MET FOR THE PROPER INSTALLATION OF THE COLUMBARIUM:

- THE BASE MUST BE SOLID REINFORCED CONCRETE. IF THE BASE IS NOT SOLID CONCRETE, WE WILL NOT BE ABLE TO INSTALL OUR BASE ANCHOR BRACKETS PROPERLY WHICH WILL VOID OUR WARRANTY.
- THE FOUNDATION THAT THE COLUMBARIUM SITS ON MUST BE CONSTRUCTED TO THE EXACT DIMENSIONS SHOWN ON OUR DRAWINGS IN REGARDS TO LENGTH AND WIDTH. IF THE WIDTH (OR DEPTH) IS TOO NARROW, OUR SLEEVE ANCHORS FOR THE BASE ANCHOR BRACKETS WILL BE NEAR THE EDGE OF THE CONCRETE WHICH MAY CAUSE IT TO SPALL UPON DRILLING. IF THE BASE IS TOO WIDE, IT MAY OBSTRUCT THE INSTALLATION OF ANY BASE TRIM OR MASONRY THAT MAY BE REQUIRED.
- THE COLUMBARIUM UNIT IS PREASSEMBLED IN OUR FACTORY USING FOUNDATION FIXTURES THAT ARE FLAT AND LEVEL. WHILE WE HAVE SOME CAPABILITY TO ACCOMMODATE IRREGULARITIES IN THE FOUNDATION SURFACE DURING FIELD INSTALLATION, THE TOP OF THE FOUNDATION MUST MEET THE FOLLOWING PARAMETERS:
 - THE TOP FINISHED SURFACE OF THE FOUNDATION MUST BE LEVEL WITHIN 1/8" FROM END TO END.
 - THE TOP SURFACE MUST BE FLAT AND FREE OF EXPOSED AGGREGATE OR LOCALIZED HIGH POINTS THAT EXCEED 1/2" ABOVE THE TOP SURFACE AS DEFINED ABOVE. KEEP IN MIND THAT THESE HIGH POINTS, SHOULD THEY OCCUR IN THE AREAS WHERE THE COLUMBARIUM STRUCTURAL SUPPORTS LAND ON THE CONCRETE, WILL HAVE TO BE GROUND DOWN, RESULTING IN ADDITIONAL CHARGES FOR EXCESS ON SITE TIME.

IF ANY FOUNDATION/BASE MODIFICATION IS BEYOND OUR CAPABILITIES AND WE CAN NOT INSTALL YOUR PROJECT. THIS WILL RESULT IN ADDITIONAL CHARGES TO COVER THE COST OF STORAGE ALONG WITH A RETURN TRIP.

THANK YOU FOR YOUR ATTENTION TO THIS MATTER AND PLEASE CALL IF YOU HAVE ANY QUESTIONS. 1-800-253-0457



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FAITH LUTHERAN CHURCH
GEORGETOWN, TX

DATE: 9/8/2022

DRAWING: 19179.B - CD

DRAWN BY: EL/FS

DRAWINGS CHECKED BY:

F.A.S. 9/14/2022

P.M.E.

P.J.T. 9/14/2022

REVISIONS:

SCALE: 3/4" = 1'-0"

JOB NUMBER:

19179

SHEET NUMBER:

1 OF 1

HEA PROJECT NO. 23-006
ISSUED DATE: 04/26/2023

COLUMBARIUM
SHOP DRAWING

A1

09

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