6 CREEKS-PHASE 1, SECTION 18A1-19

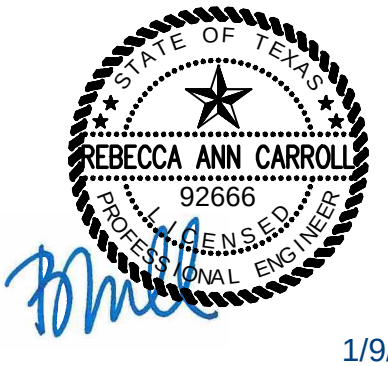
Contributing Zone Plan Modification Application

PAPE-DAWSON ENGINEERS

Transportation | Water Resources | Land Development | Surveying | Environmental

6 CREEKS-PHASE 1, SECTION 18A1-19

Contributing Zone Plan Modification Application



1/9/2025

PAPE-DAWSON ENGINEERS

PAPE-DAWSON ENGINEERS

1/9/2025

Ms. Lillian Butler
Texas Commission on Environmental Quality (TCEQ)
Region 11
12100 Park 35 Circle, Bldg A, Rm 179
Austin, Texas 78753

Re: 6 Creeks-Phase 1, Section 18A1 & 19
Contributing Zone Plan Modification Application

Dear Ms. Butler:

Please find herein the 6 Creeks–Phase 1, Section 18A1 & 19 Contributing Zone Plan Modification. This Contributing Zone Plan Modification has been prepared in accordance with the Texas Administrative Code (30 TAC 213) and current policies for development over the Edwards Aquifer Contributing Zone.

This Contributing Zone Plan Modification applies to an approximate 44.8-acre site out of 99.691-acres of total tract area identified as the limits of the project. Please review the plan information for the items it is intended to address, and, if acceptable, provide a written approval of the plan in order that construction may begin at the earliest opportunity.1

Appropriate review fees ($6,500) and a fee application form are included. If you have questions or require additional information, please do not hesitate to contact me at your earliest convenience.
Sincerely,
Pape-Dawson Consulting Engineers, LLC

Becky Carroll, P.E.
Vice President

Attachments

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EDWARDS AQUIFER APPLICATION COVER PAGE (TCEQ-20705)

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: 6 Creeks-Phase 1, Section 18A1 & 19						**2. Regulated Entity No.:**			
3. Customer Name: HM 6 Creeks Development, Inc.						**4. Customer No.:** 605820752			
5. Project Type: **(Please circle/check one)**	New		Modification			Extension		Exception	
6. Plan Type: **(Please circle/check one)**	WPAP	CZP	SCS	UST	AST	EXP	EXT	Technical Clarification	Optional Enhanced Measures
7. Land Use: **(Please circle/check one)**	Residential		Non-residential			**8. Site (acres):**		44.8 out of 99.691	
9. Application Fee:	$6,500		**10. Permanent BMP(s):**			Batch Detention Basin, VFS			
11. SCS (Linear Ft.):			**12. AST/UST (No. Tanks):**						
13. County:	Hays		**14. Watershed:**			Lower Blanco River			

Application Distribution

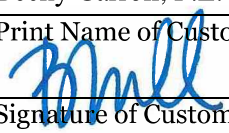
Instructions: Use the table below to determine the number of applications required. One original and one copy of the application, plus additional copies (as needed) for each affected incorporated city, county, and groundwater conservation district are required. Linear projects or large projects, which 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)	✓ Edwards Aquifer Authority ✓ Barton Springs/ Edwards Aquifer ___ Hays Trinity ___ Plum Creek	___ Barton Springs/ Edwards Aquifer	NA
City(ies) Jurisdiction	___ Austin ___ Buda ___ Dripping Springs ✓ Kyle ___ Mountain City ___ San Marcos ___ Wimberley ___ Woodcreek	___ Austin ___ Bee Cave ___ Pflugerville ___ Rollingwood ___ Round Rock ___ Sunset Valley ___ West Lake Hills	___ Austin ___ Cedar Park ___ Florence ___ Georgetown ___ Jerrell ___ Leander ___ Liberty Hill ___ Pflugerville ___ Round Rock

San Antonio Region					
County:	**Bexar**	**Comal**	**Kinney**	**Medina**	**Uvalde**
Original (1 req.)	___	___	___	___	___
Region (1 req.)	___	___	___	___	___
County(ies)	___	___	___	___	___
Groundwater Conservation District(s)	___ Edwards Aquifer Authority ___ Trinity-Glen Rose	___ Edwards Aquifer Authority	___ Kinney	___ EAA ___ Medina	___ EAA ___ Uvalde
City(ies) Jurisdiction	___ Castle Hills ___ Fair Oaks Ranch ___ Helotes ___ Hill Country Village ___ Hollywood Park ___ San Antonio (SAWS) ___ Shavano Park	___ Bulverde ___ Fair Oaks Ranch ___ Garden Ridge ___ New Braunfels ___ Schertz	NA	___ 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. Becky Carroll, P.E.
Print Name of Customer/Authorized Agent
 7/12/2024 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):	

MODIFICATION OF A PREVIOUSLY APPROVED CONTRIBUTING ZONE PLAN (TCEQ-10259)

Modification of a Previously Approved Contributing Zone Plan

Texas Commission on Environmental Quality

for Regulated Activities on the Edwards Aquifer Recharge Zone and Transition Zone and Relating to 30 TAC 213.4(j), 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.

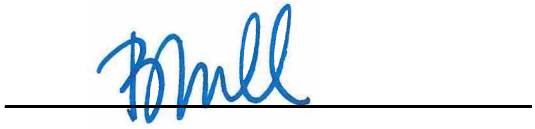
Signature

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 **Modification of a Previously Approved Contributing Zone Plan** is hereby submitted for TCEQ review and executive director approval. The request was prepared by:

Print Name of Customer/Agent: Becky Carroll, P.E.

Date: 07/15/2024

Signature of Customer/Agent:



Project Information

1. Current Regulated Entity Name: 6 Creeks-Phase 1, Section 18A1 & 19
   Original Regulated Entity Name: 6 Creeks-Phase 1, Section 15-17
   Assigned Regulated Entity Number(s) (RN): _____
   Edwards Aquifer Protection Program ID Number(s): _____
   ☒ The applicant has not changed and the Customer Number (CN) is: 605820752
   ☐ The applicant or Regulated Entity has changed. A new Core Data Form has been provided.

2. ☒ **Attachment A: Original Approval Letter and Approved Modification Letters**. A copy of the original approval letter and copies of any modification approval letters will be provided once issued.
3. A modification of a previously approved plan is requested for (check all that apply):

☐ Any physical or operational modification of any best management practices or structure(s), including but not limited to temporary or permanent ponds, dams, berms, silt fences, and diversionary structures;
☒ Any change in the nature or character of the regulated activity from that which was originally approved;
☐ A change that would significantly impact the ability to prevent pollution of the Edwards Aquifer and hydrologically connected surface water; or
☐ Any development of land previously identified in a contributing zone plan as undeveloped.

4. ☒ Summary of Proposed Modifications (select plan type being modified). If the approved plan has been modified more than once, copy the appropriate table below, as necessary, and complete the information for each additional modification.

CZP Modification Summary	***Approved Project***	***Proposed Modification***
Acres	See attached	See attached
Type of Development	See attached	See attached
Number of Residential Lots	See attached	See attached
Impervious Cover (acres)	See attached	See attached
Impervious Cover (%)	See attached	See attached
Permanent BMPs	See attached	See attached
Other	_____	_____

AST Modification Summary	***Approved Project***	***Proposed Modification***
Number of ASTs	N/A	N/A
Other	_____	_____

UST Modification Summary	***Approved Project***	***Proposed Modification***
Number of USTs	N/A	N/A
Other	_____	_____

5. ☒ **Attachment B: Narrative of Proposed Modification**. A detailed narrative description of the nature of the proposed modification is attached. It discusses what was approved,

including previous modifications, and how this proposed modification will change the approved plan.

6. ☒ **Attachment C: Current Site Plan of the Approved Projec**t. A current site plan showing the existing site development (i.e., current site layout) at the time this application for modification is attached. A site plan detailing the changes proposed in the submitted modification is required elsewhere.
   - ☒ The approved construction has not commenced. The original approval letter and any subsequent modification approval letters are included as Attachment A to document that the approval has not expired.
   - ☐ The approved construction has commenced and has been completed. Attachment C illustrates that the site was constructed as approved.
   - ☐ The approved construction has commenced and has been completed. Attachment C illustrates that the site was **not** constructed as approved.
   - ☐ The approved construction has commenced and has **not** been completed. Attachment C illustrates that, thus far, the site was constructed as approved.
   - ☐ The approved construction has commenced and has **not** been completed. Attachment C illustrates that, thus far, the site was **not** constructed as approved.

7. ☒ Acreage has not been added to or removed from the approved plan.
   ☐ Acreage has been added to or removed from the approved plan and is discussed in *Attachment B: Narrative of Proposed Modification*.

8. ☒ 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.

ATTACHMENT A

6 CREEKS – PHASE 1, SECTION 18A1 & 19
Modification of a Previously Approved Plan (TCEQ-0590)

Attachment A – CZP Modification Summary

Approved Project	***6 Creeks-Phase 1, Section 15-17 (TBD)***
Acres	***253.75***
Type of Development	***Residential***
Number of Residential Lots	***256***
Impervious Cover (acres)	***47.63***
Impervious Cover (%)	***18.77%***
Permanent BMPs	***Three (3) water quality basins and seven (7) fifteen-foot (15') engineered vegetative filter strips (VFS)***
Other	

Proposed Modification	***6 Creeks-Phase 1, Section 18A1 & 19 (2024)***
Acres	***44.8 out of 99.691***
Type of Development	***Residential***
Number of Residential Lots	***116***
Impervious Cover (acres)	***22.37***
Impervious Cover (%)	***49.93%***
Permanent BMPs	***One (1) proposed Batch Detention Basin (Basin "S") and five (5) proposed fifteen (15') engineered VFS***
Other	

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

August 23, 2024

Mr. Jay Hanna
HM 6 Creeks Development, Inc.
2901 Bee Caves Rd., Suite F
Austin, Texas 78746

Re: Approval of a Contributing Zone Plan (CZP)
6 Creeks Phase 1 Section 15-17; Located 0.6 miles southwest of N. Old Stagecoach Road and Rebel Drive; City of Kyle ETJ, Hays County, Texas
Edwards Aquifer Protection Program ID: 11004056, Regulated Entity No. RN110058690

Dear Mr. Hanna:

The Texas Commission on Environmental Quality (TCEQ) has completed its review on the application for the above-referenced project submitted to the Edwards Aquifer Protection Program (EAPP) by Pape-Dawson Engineers, Inc. on behalf of the applicant, HM 6 Creeks Development, Inc. on June 27, 2024. Final review of the application was completed after additional material was received on August 16, 2024.

As presented to the TCEQ, the application was prepared in general compliance with the requirements of 30 Texas Administrative Codes (TAC) Chapter §213. The permanent best management practices (BMPs) and measures represented in the application were prepared by a Texas licensed professional engineer (PE). All construction plans and design information were sealed, signed, and dated by a Texas licensed PE. Therefore, the application for the construction of the proposed project and methods to protect the Edwards Aquifer are **approved,** subject to applicable state rules and the conditions in this letter.

This approval expires two years from the date of this letter, unless, prior to the expiration date, more than 10 percent of the construction has commenced on the project or an extension of time has been officially requested. This approval or extension will expire, and no extension will be granted if more than 50 percent of the project has not been completed within ten years from the date of this letter.

The applicant or a person affected may file with the chief clerk a motion for reconsideration of the executive director's final action on this contributing zone plan or modification to a plan. A motion for reconsideration must be filed in accordance with 30 TAC §50.139.

PROJECT DESCRIPTION

The proposed residential project will have an area of approximately 253.75-acres. The project will include three (3) single-family residential sections consisting of 256 housing units with associated clearing, grading, excavation, installation of utilities and drainage improvements, streets, turn lanes, and sidewalks. The impervious cover will be 47.63-acres (18.77 percent). Project wastewater will be disposed of by conveyance to the existing City of Kyle Wastewater Treatment Facility.

PERMANENT POLLUTION ABATEMENT MEASURES

To prevent the pollution of stormwater runoff originating on-site or upgradient of the site and potentially flowing across and off the site after construction, three (3) batch detention basins ("P", "Q", & "R") and seven (7) engineered vegetative filter strips (#'s 1-7), designed using the TCEQ technical guidance, *RG-348, Complying with the Edwards Aquifer Rules: Technical Guidance on Best Management Practices,* will be constructed to treat stormwater runoff. The required total suspended solids (TSS) treatment for this project is 42,753 pounds of TSS generated from the 47.63-acres of impervious cover. The approved permanent BMPs and measures meet the required 80 percent removal of the increased load in TSS caused by the project.

The permanent BMPS shall be operational prior to occupancy or use of the proposed project. Inspection, maintenance, repair, and retrofit of the permanent BMPs shall be in accordance with the approved application.

STANDARD CONDITIONS

1. The plan holder (applicant) must comply with all provisions of 30 TAC Chapter §213 and all technical specifications in the approved plan. The plan holder should also acquire and comply with additional and separate approvals, permits, registrations or authorizations from other TCEQ Programs (i.e., Stormwater, Water Rights, Dam Safety, Underground Injection Control) as required based on the specifics of the plan.

2. In addition to the rules of the Commission, the plan holder must also comply with state and local ordinances and regulations providing for the protection of water quality as applicable.

Prior to Commencement of Construction:

3. The plan holder of any approved contributing zone plan must notify the EAPP and obtain approval from the executive director prior to initiating any modification to the activities described in the referenced application following the date of the approval.

4. The plan holder must provide written notification of intent to commence construction, replacement, or rehabilitation of the referenced project. Notification must be submitted to the EAPP no later than 48 hours prior to commencement of the regulated activity. Notification must include the date on which the regulated activity will commence, the name of the approved plan and program ID number for the regulated activity, and the name of the prime contractor with the name and telephone number of the contact person.

5. Temporary erosion and sedimentation (E&S) controls as described in the referenced application, must be installed prior to construction, and maintained during construction. Temporary E&S controls may be removed when vegetation is established, and the construction area is stabilized. The TCEQ may monitor stormwater discharges from the site to evaluate the adequacy of temporary E&S control measures. Additional controls may be necessary if excessive solids are being discharged from the site.

During Construction:

6. The application must indicate the placement of permanent aboveground storage tanks facilities for static hydrocarbons and hazardous substances with cumulative storage capacity of 500 gallons or more. Subsequent permanent storage tanks on this project site require a modification to be submitted and approved prior to installation.

7. If sediment escapes the construction site, the sediment must be removed at a frequency sufficient to minimize offsite impacts to water quality (e.g., fugitive sediment in street being

washed into surface streams or sensitive features by the next rain). Sediment must be removed from sediment traps or sedimentation ponds not later than when design capacity has been reduced by 50 percent. Litter, construction debris, and construction chemicals shall be prevented from becoming stormwater discharge pollutants.

8. Intentional discharges of sediment laden water are not allowed. If dewatering becomes necessary, the discharge must be filtered through appropriately selected BMPs.

9. The following records shall be maintained and made available to the executive director upon request: the dates when major grading activities occur, the dates when construction activities temporarily or permanently cease on a portion of the site, and the dates when stabilization measures are initiated.

10. Stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, and construction activities will not resume within 21 days. When the initiation of stabilization measures by the 14th day is precluded by weather conditions, stabilization measures shall be initiated as soon as practicable.

<u>After Completion of Construction:</u>

11. Owners of permanent BMPs and temporary measures must ensure that the BMPs and measures are constructed and function as designed. A Texas licensed PE **must certify** in writing that the permanent BMPs or measures were constructed as designed. The certification letter must be submitted to the EAPP within 30 days of site completion.

12. The applicant shall be responsible for maintaining the permanent BMPs after construction until such time as the maintenance obligation is either assumed in writing by another entity having ownership or control of the property or the ownership of the property is transferred to the entity. A copy of the transfer of responsibility must be filed with the executive director through the EAPP within 30 days of the transfer. TCEQ form, Change in Responsibility for Maintenance on Permanent BMPs and Measures (TCEQ-10263), may be used.

The holder of the approved contributing zone plan is responsible for compliance with Chapter §213 subchapter B and any condition of the approved plan through all phases of plan implementation. Failure to comply with any condition within this approval letter is a violation of Chapter §213 subchapter B and is subject to administrative rule or orders and penalties as provided under §213.25 of this title (relating to Enforcement). Such violations may also be subject to civil penalties and injunction. Upon legal transfer of this property, the new owner is required to comply with all terms of the approved contributing zone plan.

This action is taken as delegated by the executive director of the Texas Commission on Environmental Quality. If you have any questions or require additional information, please contact Mr. Hunter Patterson of the Edwards Aquifer Protection Program at 210-403-4026 or the regional office at 512-339-2929.

Sincerely,

Monica Reyes

Ms. Monica Reyes, Section Manager
Edwards Aquifer Protection Program
Texas Commission on Environmental Quality

MR/hhp

cc: Ms. Becky Carroll, P.E., Pape-Dawson Engineers, Inc.

ATTACHMENT B

6 CREEKS-PHASE 1, SECTION 18A1 & 19
Contributing Zone Plan Modification

Attachment B – Narrative of Proposed Modification

This Contributing Zone Plan Modification (CZP MOD) for 6 Creeks–Phase 1, Section 18A1 & 19 is a modification of the 6 Creeks-Phase 1, Section 15-17 CZP application (currently under review) which is composed of a 253.75 acre-site, with an impervious cover of 18.77%. The proposed improvements under 6 Creeks–Phase 1, Section 18A1 & 19 CZP MOD will overlap and modify a portion of the upstream project limits for 6 Creeks-Phase 1, Section 15-17 CZP. 6 Creeks–Phase 1, Section 18A1 & 19 proposes the construction of single-family residential units and an Amenity Center on a 44.8-acre site out of 99.691-acres of total tract area. The project site is located within the City of Kyle ETJ in Hays County, Texas. The site is currently undeveloped though portions were previously cleared for agricultural uses. The site is located entirely over the Edwards Aquifer Contributing Zone within the Transition Zone. The proposed 44.8-acre project area is part of a larger planned development.

This CZP proposes clearing, grading, excavation, installation of utilities and drainage improvements, streets, turn lanes, sidewalks, homes, and one (1) batch detention basin. There are a total of 116 housing units proposed for construction with a maximum of 60% of impervious cover based on lot acreage per the development agreement. The 60% impervious cover on the single-family lots assumes installation of house pad, driveway, sidewalk, and a concrete patio. Approximately 22.37 acres of impervious cover are proposed for this project or 49.93% of the 44.8-acre site out of 99.691-acres of total tract area; impervious cover associated with construction of the turn lanes is identified as overtreated area to be treated by the proposed batch detention basin. This plan does propose modification to the project area of already-approved 6 Creeks-Phase 1, Section 15-17 CZP. There are no proposed changes to Water Quality Basins that are currently under review in the
6 Creeks–Phase 1, Section 15-17 CZP.

The permanent BMPs for this CZP are one (1) Proposed Batch Detention Basins (Basin “S”) and five (5) engineered vegetative filter strips which have been designed in accordance with the TCEQ’s Technical Guidance Manual (TGM) RG-348 (2005) to remove 80% of the increase in Total Suspended Solids (TSS) from the site.

Since this project is located within the Edwards Aquifer Contributing Zone within the Transition Zone, a Geological Assessment was not conducted and is not required by 30 TAC 213 regulations. Therefore, no naturally-occurring sensitive features are known to exist on the site.

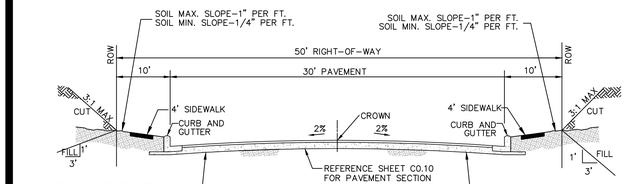
Potable water will be supplied by the City of Kyle. The proposed development will generate approximately 30,450 gallons per day (average flow) of domestic wastewater (1 edu/unit*262.5gpd/edu*116 units = 30,450 gpd). Wastewater will be disposed of by conveyance to the City of Kyle Wastewater Treatment Facility.

ATTACHMENT C

WATERSHED	SUB-WATERSHED*	SUB-WATERSHED AREA (AC)	WATERSHED TOTAL (AC)	PROPOSED IMPERVIOUS COVER TREATED BY VFS (AC)	PROPOSED IMPERVIOUS COVER TREATED BY BASIN (AC)	TOTAL PROPOSED IMPERVIOUS COVER (AC)	BMP	REQUIRED TSS REMOVAL (LBS./YR)	DESIGNED TSS REMOVAL (LBS./YR)
A			3.07	1.84		1.84	PROPOSED 15' ENGINEERED VFS #1	1,652	1,804
BA-P			13.25		7.36	7.36	PROPOSED BATCH DETENTION BASIN P	6,606	7,007
	B	0.72		0.43		0.43	PROPOSED 15' ENGINEERED VFS #2	386	422
BA-R			44.14		23.37	23.37	PROPOSED BATCH DETENTION BASIN R	20,977	21,295
	C	4.35		2.61		2.61	PROPOSED 15' ENGINEERED VFS #3	2,343	2,559
	D	0.11		0.07		0.07	PROPOSED 15' ENGINEERED VFS #4	63	69
BA-Q			13.93		7.14	7.14	PROPOSED BATCH DETENTION BASIN Q	6,409	6,587
	E	2.25		1.35		1.35	PROPOSED 15' ENGINEERED VFS #5	1,212	1,324
F		2.93		1.76		1.76	PROPOSED 15' ENGINEERED VFS #6	1,580	1,726
	G	1.69		1.02		1.02	PROPOSED 15' ENGINEERED VFS #7	916	1,000
OT-1			0.92			0.81	PROPOSED BATCH DETENTION BASIN P (OVERTREATMENT)	727	
TOTAL		9.12	78.24	9.08	37.87	47.76		42,871	43,793

*All sub-watershed areas treated by filter strips are included in the corresponding proposed batch basin areas

WATER QUALITY BASIN SUMMARY		
BASIN	REQUIRED VOLUME (CF)	DESIGNED CAPTURED VOLUME (CF)
P	38,284	39,776
Q	31,850	33,048
R	99,308	102,932



THE SUBGRADE IMPROVEMENTS SHOULD BE EXTENDED A MINIMUM OF 1 FOOT BEYOND OF THE BACK OF CURB FOR LOW PI SUBGRADE (PI<35), OR A MINIMUM OF 3 FEET BEYOND THE BACK OF THE CURB LINE FOR EXPANSIVE SUBGRADES (PI>35)

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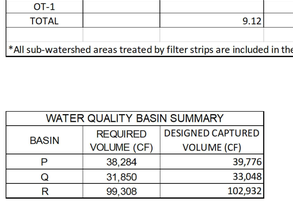
50' STREET SECTION

NOT-TO-SCALE

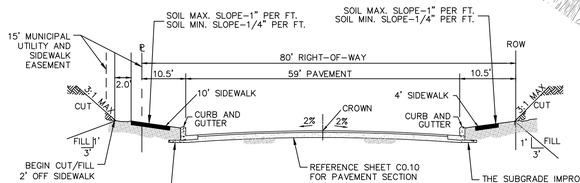


DIRECTION OF FLOW

NOTE A: DIRECTION OF FLOW IS GREATER THAN 50' ACROSS VFS.

SHEET FLOW DETAIL

NOT-TO-SCALE



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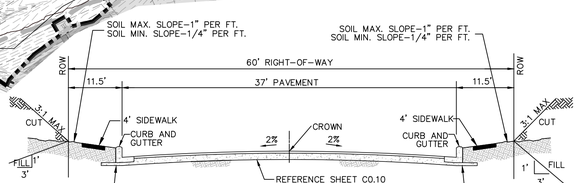
80' STREET SECTION

NOT-TO-SCALE



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THE SUBGRADE IMPROVEMENTS SHOULD BE EXTENDED A MINIMUM OF 1 FOOT BEYOND OF THE BACK OF CURB FOR LOW PI SUBGRADE (PI<35), OR A MINIMUM OF 3 FEET BEYOND THE BACK OF THE CURB LINE FOR EXPANSIVE SUBGRADES (PI>35)

60' STREET SECTION

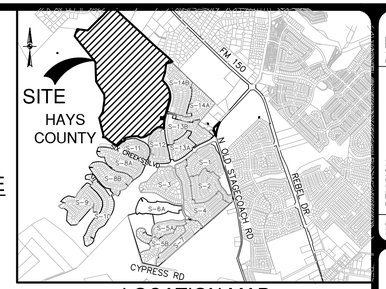
NOT-TO-SCALE

SCALE: 1"= 200'

0' 200' 400' 600'

LEGEND:

- BASIN WATERSHED BOUNDARY
- VFS WATERSHED BOUNDARY
- PROJECT LIMITS
- 980 EXISTING CONTOURS
- 950 PROPOSED CONTOURS
- FLOW ARROW (EXISTING)
- FLOW ARROW (PROPOSED)
- VEGETATIVE FILTER STRIPS
- AREAS COVERED BY SEPARATE CZP
- OVERTREATED IMPERVIOUS COVER
- A, B, C FHA LOT GRADING TYPE
- A / 3.07 ACRES WATERSHED LABEL



LOCATION MAP

NOT–TO–SCALE

NATURAL VEGETATIVE FILTER STRIP DETAIL

NOT-TO-SCALE

ENGINEERED VEGETATIVE FILTER STRIP DETAIL

NOT-TO-SCALE

SUMMARY OF PERMANENT POLLUTION ABATEMENT MEASURES:

1. TEMPORARY BMP'S WILL BE MAINTAINED UNTIL THE SITE IMPROVEMENTS ARE COMPLETED AND THE SITE HAS BEEN STABILIZED, INCLUDING SUFFICIENT VEGETATION BEING ESTABLISHED.
2. DURING CONSTRUCTION, TO THE EXTENT PRACTICAL, CONTRACTOR SHALL MINIMIZE THE AREA OF SOIL DISTURBANCE. AREAS OF DISTURBED SOIL SHALL BE REVEGETATED TO STABILIZE SOIL USING SOLID SOD IN A STAGGERED PATTERN. SEE DETAIL ON TEMPORARY POLLUTION ABATEMENT DETAIL SHEET AND REFER TO SECTION 1.3.1.11 IN TCEQ'S TECHNICAL GUIDANCE MANUAL RG–348 (2005). SOD SHOULD BE USED IN CHANNELS AND ON SLOPES > 15%. THE CONTRACTOR MAY SUBSTITUTE THE USE OF SOD WITH THE PLACEMENT OF TOP SOIL AND A FRIABLE SEED BED WITH A PROTECTIVE MATTING OR HYDRAULIC MULCH ALONG WITH WATERING UNTIL VEGETATION IS ESTABLISHED. APPLICATIONS AND PRODUCTS SHALL BE THOSE APPROVED BY TXDOT AS OF FEBRUARY 2001 AND IN COMPLIANCE WITH THE TGM RG–348 (2005). SEED MIXTURE AND/OR GRASS TYPE TO BE DETERMINED BY OWNER AND SHOULD BE IN COMPLIANCE WITH TGM RG–348 (2005) GUIDELINES. IRRIGATION MAY BE REQUIRED IN ORDER TO ESTABLISH SUFFICIENT VEGETATION.
3. FOR DISTURBED AREAS WHERE INSUFFICIENT SOIL EXISTS TO ESTABLISH VEGETATION, CONTRACTOR SHALL PLACE A MINIMUM OF 6" OF TOPSOIL PRIOR TO REVEGETATION.
4. TYPICAL SLOPES ON THIS PROJECT RANGE FROM APPROXIMATELY 1% TO 10%.

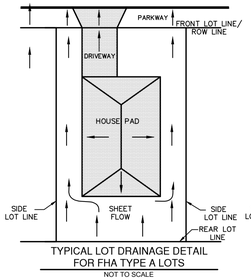
PERMANENT POLLUTION ABATEMENT MEASURES:

1. PERMANENT BMP'S FOR THIS SITE INCLUDE ONE BATCH DETENTION BASIN, THREE 15' ENGINEERED VEGETATIVE FILTER STRIPS, AND ONE 50' NATURAL VEGETATIVE FILTER STRIPS. THESE PERMANENT BMP'S HAVE BEEN DESIGNED TO REMOVE AT LEAST 80% OF THE INCREASED TOTAL SUSPENDED SOLIDS (TSS) IN ACCORDANCE WITH THE TCEQ'S TECHNICAL GUIDANCE MANUAL (TGM) RG–348 (2005).
2. SILT FENCING AND ROCK BERMS, WHERE APPROPRIATE, WILL BE MAINTAINED UNTIL THE ROADWAY, UTILITY, DRAINAGE IMPROVEMENTS, AND BUILDING CONSTRUCTION ARE COMPLETED.
3. ENERGY DISSIPATORS (TO HELP REDUCE EROSION) WILL BE PROVIDED AT POINTS OF CONCENTRATED DISCHARGE WHERE EXCESSIVE VELOCITIES MAY BE ENCOUNTERED.

NOTES:

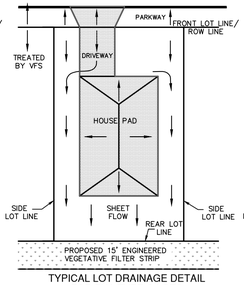
1. CONTRACTOR SHALL INSTALL AND ESTABLISH VEGETATION FOR SOIL STABILIZATION PRIOR TO SITE CLOSEOUT.
2. ALL PERMANENT BMP'S MUST BE CERTIFIED BY A REGISTERED PROFESSIONAL ENGINEER.
3. INDIVIDUAL LOTS VARY IN SIZE. VALUES PROVIDED ARE BASED ON TYPICAL LOT SIZES.

NOTE:
ROOF DRAINAGE PATTERN IS APPROXIMATE AND SUBJECT TO CHANGE BASED ON FINAL HOUSE PAD DESIGN. HOWEVER RUNOFF FROM DRIVEWAY, ROOF OR OTHER IMPERVIOUS SURFACES WITHIN THE LOT WILL NOT FLOW ACROSS MORE THAN 72' OF IMPERVIOUS SURFACE BEFORE REACHING THE PROPOSED 15' ENGINEERED VEGETATIVE FILTER STRIP. FINAL LOT GRADING TO ALLOW FOR SHEET FLOW OVER VEGETATIVE FILTER STRIP.



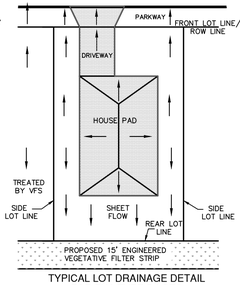
TYPICAL LOT DRAINAGE DETAIL FOR FHA TYPE A LOTS

NOT TO SCALE



TYPICAL LOT DRAINAGE DETAIL FOR FHA TYPE C LOTS

NOT TO SCALE



TYPICAL LOT DRAINAGE DETAIL FOR FHA TYPE B LOTS

NOT TO SCALE

THE ENGINEERING SEAL HAS BEEN AFFIXED TO THIS SHEET ONLY FOR THE PURPOSE OF DEMONSTRATING COMPLIANCE WITH THE POLLUTION ABATEMENT SIZING AND TREATMENT REQUIREMENTS OF THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY'S EDWARDS AQUIFER TECHNICAL GUIDANCE MANUAL.

THIS SHEET HAS BEEN PREPARED FOR PURPOSES OF POLLUTION ABATEMENT ONLY. ALL OTHER CIVIL ENGINEERING RELATED INFORMATION SHOULD BE ACQUIRED FROM THE APPROPRIATE SHEET IN THE CIVIL IMPROVEMENT PLANS.

CZP EXHIBIT 3

NO.	REVISION	DATE

5/24/2024

STATE OF TEXAS
REBECCA ANN CARROLL
92666
LICENSED
PROFESSIONAL ENGINEER

PAPE-DAWSON ENGINEERS
SAN ANTONIO | AUSTIN | HOUSTON | FORT WORTH | DALLAS
2000 NW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
TBPE FIRM REGISTRATION #470 | TBPLS FIRM REGISTRATION #10028800

6 CREEKS-PHASE 1, SECTION 15-17

HAYS COUNTY, TEXAS

CONTRIBUTING ZONE PLAN
PERMANENT POLLUTION ABATEMENT PLAN

PLAT NO.
JOB NO. 8141-43
DATE MAY 2024
DESIGNER JP
CHECKED DRAWN JP

SHEET 1 OF 2

Date: May 24, 2024, 12:13pm User ID: jarroyo
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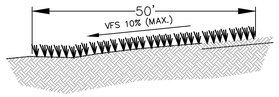
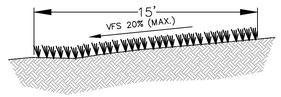


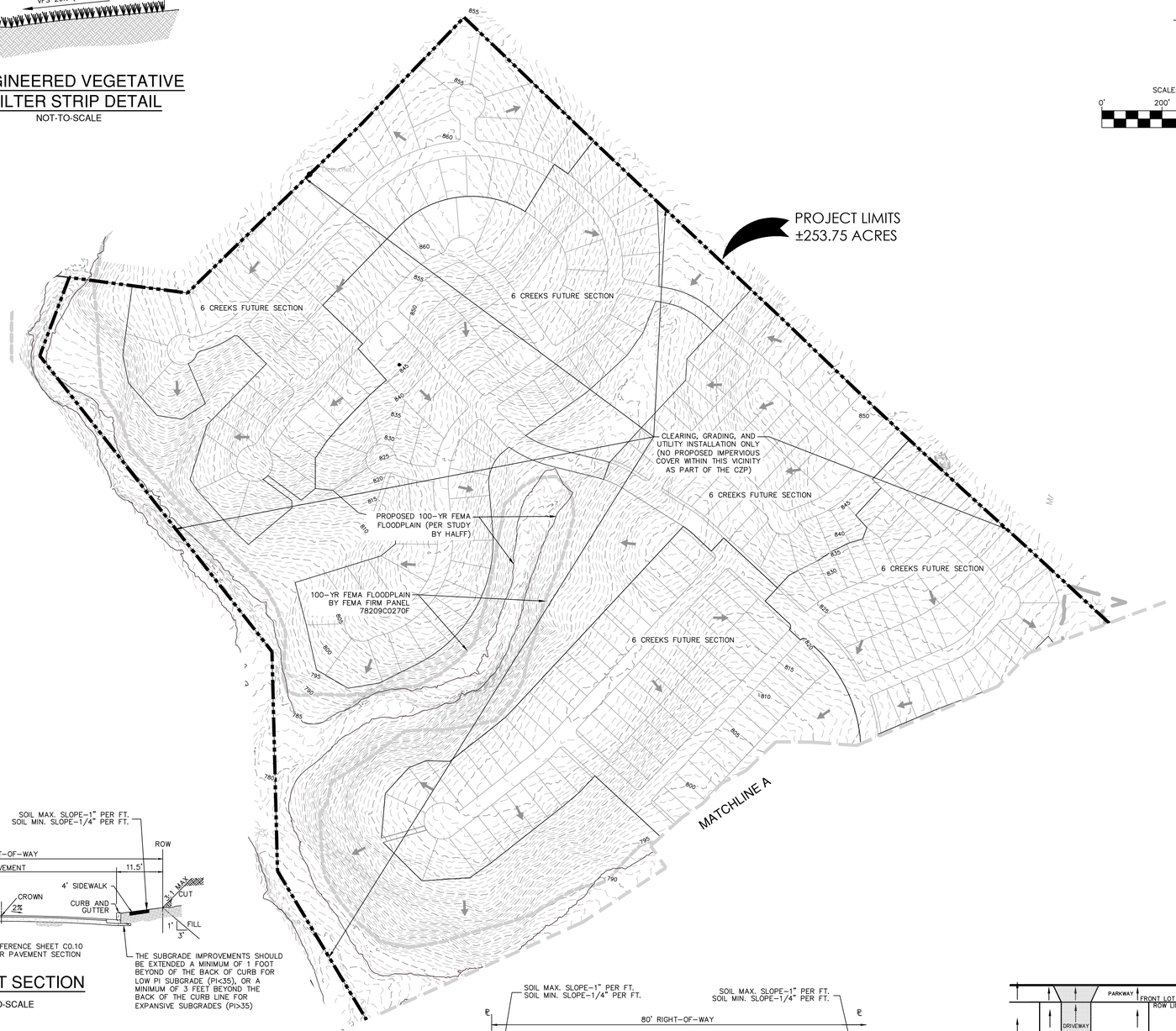
NATURAL VEGETATIVE FILTER STRIP DETAIL

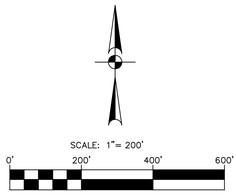
NOT-TO-SCALE

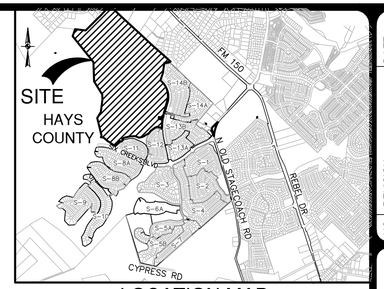


ENGINEERED VEGETATIVE FILTER STRIP DETAIL

NOT-TO-SCALE







LOCATION MAP

NOT-TO-SCALE

LEGEND:

- BASIN WATERSHED BOUNDARY
- VFS WATERSHED BOUNDARY
- PROJECT LIMITS
- 980 EXISTING CONTOURS
- 950 PROPOSED CONTOURS
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- AREAS COVERED BY SEPARATE CZP
- OVERTREATED IMPERVIOUS COVER
- A, B, C FHA LOT GRADING TYPE
- (A) 3.07 ACRES WATERSHED LABEL

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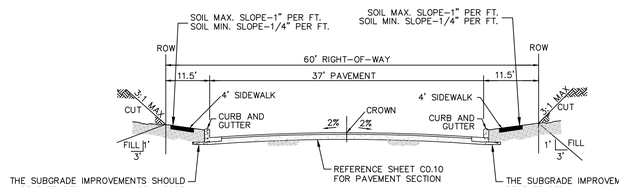

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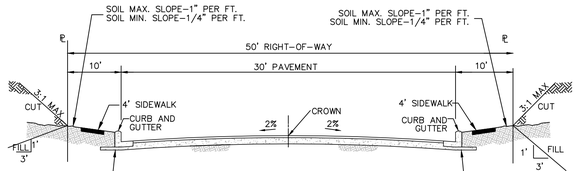
60' STREET SECTION

NOT-TO-SCALE



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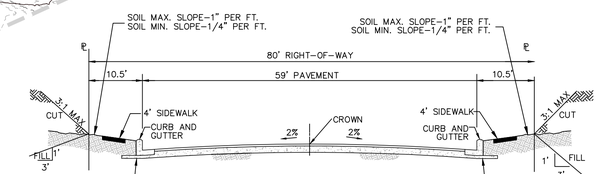
50' STREET SECTION

NOT-TO-SCALE



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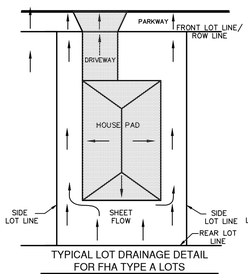
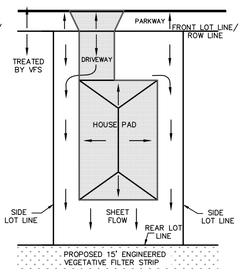


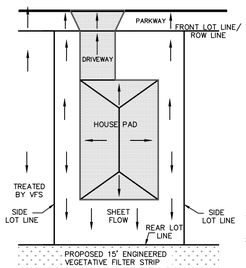
TYPICAL LOT DRAINAGE DETAIL FOR FHA TYPE A LOTS

NOT TO SCALE



TYPICAL LOT DRAINAGE DETAIL FOR FHA TYPE C LOTS

NOT TO SCALE



TYPICAL LOT DRAINAGE DETAIL FOR FHA TYPE B LOTS

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CZP EXHIBIT 3

NO.	REVISION	DATE

5/24/2024

STATE OF TEXAS
REBECCA ANN CARROLL
92666
LICENSED
PROFESSIONAL ENGINEER

PAPE-DAWSON ENGINEERS
SAN ANTONIO | AUSTIN | HOUSTON | FORT WORTH | DALLAS
2000 NW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
TBPE FIRM REGISTRATION #470 | TBPLS FIRM REGISTRATION #10028800

6 CREEKS-PHASE 1, SECTION 15-17

HAYS COUNTY, TEXAS

CONTRIBUTING ZONE PLAN
PERMANENT POLLUTION ABATEMENT PLAN

PLAT NO.
JOB NO. 8141-43
DATE MAY 2024
DESIGNER JP
CHECKED DRAWN JP
SHEET 2 OF 2

Date: May 24, 2024, 11:09am User ID: iarroyo
File: P:\81\41\43\Design\Civil\TCEQ\24050882 PM814143.dwg

CONTRIBUTING ZONE PLAN APPLICATION (TCEQ-10257)

Contributing Zone Plan Application

Texas Commission on Environmental Quality

for Regulated Activities on the Contributing Zone to the Edwards Aquifer and Relating to 30 TAC §213.24(1), 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.

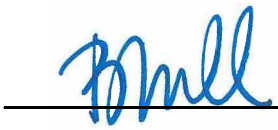
Signature

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 **Contributing Zone Plan Application** is hereby submitted for TCEQ review and Executive Director approval. The application was prepared by:

Print Name of Customer/Agent: Becky Carroll, P.E.

Date: 8/20/2024

Signature of Customer/Agent:



Regulated Entity Name: 6 Creeks - Phase 1, Section 18A1 & 19

Project Information

1. County: Hays
2. Stream Basin: Lower Blanco River
3. Groundwater Conservation District (if applicable): Barton Springs/Edwards Aquifer
4. Customer (Applicant):

   Contact Person: Jay Hanna
   Entity: HM 6 Creeks Development, Inc.
   Mailing Address: 2901 Bee Caves Road, Suite F
   City, State: Austin, Texas Zip: 78703
   Telephone: (512) 481-0303 Fax: (512) 481-0333
   Email Address: jay@jayhanna.com

5. Agent/Representative (If any):

Contact Person: Becky Carroll, P.E.
Entity: Pape-Dawson Engineers
Mailing Address: 2000 NW Loop 410
City, State: San Antonio, Texas Zip: 78213
Telephone: (210) 375-9000 Fax: (210) 375-9010
Email Address: bcarroll@pape-dawson.com

6. Project Location:

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

7. ☒ The location of the project site is described below. Sufficient detail and clarity has been provided so that the TCEQ's Regional staff can easily locate the project and site boundaries for a field investigation.

From TCEQ regional office proceed south on IH-35 for approximately 30 miles to E Center Street and turn right. Travel west approximately 1.2 miles to N Old Stagecoach Rd and turn right. Proceed approximately 0.9 miles to Six Creeks Blvd and turn left. Travel approximately 0.60 miles along Six Creeks Boulevard. Proceed to the site 300 feet to the right. Approx. 3,661 ft NW of N. Old Stagecoach Rd. and Six Creeks Blvd. intersection.

8. ☒ **Attachment A - Road Map**. A road map showing directions to and the location of the project site is attached. The map clearly shows the boundary of the project site.

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

☒ Project site boundaries.
☒ USGS Quadrangle Name(s).

10. ☐ **Attachment C - Project Narrative**. A detailed narrative description of the proposed project is attached. 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

11. 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/Not cleared)
- ☐ Other: _____

12. The type of project is:

- ☒ Residential: # of Lots: 116
- ☐ Residential: # of Living Unit Equivalents: _____
- ☐ Commercial
- ☐ Industrial
- ☐ Other: _____

13. Total project area (size of site): 44.8 Acres

    Total disturbed area: 44.8 Acres

14. Estimated projected population: 348 (assumed 3 persons/home)

15. The amount and type of impervious cover expected after construction is complete is shown below:

Table 1 - Impervious Cover

Impervious Cover of Proposed Project	***Sq. Ft.***	***Sq. Ft./Acre***	***Acres***
Structures/Rooftops	675,950	÷ 43,560 =	15.52
Parking	193,115	÷ 43,560 =	4.43
Other paved surfaces	105,280	÷ 43,560 =	2.42
Total Impervious Cover	974,345	÷ 43,560 =	22.37

Total Impervious Cover 22.37 **÷ Total Acreage** 44.8 **X 100 =** 49.93**% Impervious Cover**

16. ☒ **Attachment D - Factors Affecting Surface Water Quality**. A detailed description of all factors that could affect surface water quality is attached. If applicable, this includes the location and description of any discharge associated with industrial activity other than construction.

17. ☒ Only inert materials as defined by 30 TAC 330.2 will be used as fill material.

For Road Projects Only

Complete questions 18 - 23 if this application is exclusively for a road project.

☒ N/A

18. Type of project:

☐ TXDOT road project.
☐ County road or roads built to county specifications.
☐ City thoroughfare or roads to be dedicated to a municipality.
☐ Street or road providing access to private driveways.

19. Type of pavement or road surface to be used:

☐ Concrete
☐ Asphaltic concrete pavement
☐ Other: _____

20. Right of Way (R.O.W.):

Length of R.O.W.: _____ feet.
Width of R.O.W.: _____ feet.
L x W = _____Ft^2 ÷ 43,560 Ft^2/Acre = _____ acres.

21. Pavement Area:

Length of pavement area: _____ feet.
Width of pavement area: _____ feet.
L x W = _____Ft^2 ÷ 43,560 Ft^2/Acre = _____ acres.
Pavement area _____ acres ÷ R.O.W. area _____ acres x 100 = _____% impervious cover.

22. ☐ A rest stop will be included in this project.

☐ A rest stop will not be included in this project.

23. ☐ Maintenance and repair of existing roadways that do not require approval from the TCEQ Executive Director. Modifications to existing roadways such as widening roads/adding shoulders totaling more than one-half (1/2) the width of one (1) existing lane require prior approval from the TCEQ.

Stormwater to be generated by the Proposed Project

24. ☒ **Attachment E - Volume and Character of Stormwater**. A detailed description of the volume (quantity) and character (quality) of the stormwater runoff which is expected to occur from the proposed project is attached. The estimates of stormwater runoff quality and quantity are based on area and type of impervious cover. Include the runoff coefficient of the site for both pre-construction and post-construction conditions.

Wastewater to be generated by the Proposed Project

25. ☒ Wastewater is to be discharged in the contributing zone. Requirements under 30 TAC §213.6(c) relating to Wastewater Treatment and Disposal Systems have been satisfied.

☐ N/A

26. Wastewater will be disposed of by:

☐ On-Site Sewage Facility (OSSF/Septic Tank):

☐ **Attachment F - Suitability Letter from Authorized Agent**. An on-site sewage facility will be used to treat and dispose of the wastewater from this site. The appropriate licensing authority's (authorized agent) written approval is attached. It states that the land is suitable for the use of private sewage facilities and will meet or exceed the requirements for on-site sewage facilities as specified under 30 TAC Chapter 285 relating to On-site Sewage Facilities.

☐ Each lot in this project/development is at least one (1) acre (43,560 square feet) in size. The system will be designed by a licensed professional engineer or registered sanitarian and installed by a licensed installer in compliance with 30 TAC Chapter 285.

☒ Sewage Collection System (Sewer Lines):

The sewage collection system will convey the wastewater to the City of Kyle (name) Treatment Plant. The treatment facility is:

☒ Existing.
☐ Proposed.

☐ N/A

Permanent Aboveground Storage Tanks(ASTs) ≥ 500 Gallons

Complete questions 27 - 33 if this project includes the installation of AST(s) with volume(s) greater than or equal to 500 gallons.

☒N/A

27. Tanks and substance stored:

Table 2 - Tanks and Substance Storage

AST Number	*Size (Gallons)*	*Substance to be Stored*	*Tank Material*
1			
2			
3			

AST Number	*Size (Gallons)*	*Substance to be Stored*	*Tank Material*
4			
5			

Total x 1.5 = _____ Gallons

28. ☐ The AST will be placed within a containment structure that is sized to capture one and one-half (1 1/2) times the storage capacity of the system. For facilities with more than one tank system, the containment structure is sized to capture one and one-half (1 1/2) times the cumulative storage capacity of all systems.

☐ **Attachment G - Alternative Secondary Containment Methods**. Alternative methods for providing secondary containment are proposed. Specifications showing equivalent protection for the Edwards Aquifer are attached.

29. Inside dimensions and capacity of containment structure(s):

Table 3 - Secondary Containment

Length (L)(Ft.)	*Width(W)(Ft.)*	*Height (H)(Ft.)*	*L x W x H = (Ft3)*	*Gallons*

Total: _____ Gallons

30. Piping:

☐ All piping, hoses, and dispensers will be located inside the containment structure.
☐ Some of the piping to dispensers or equipment will extend outside the containment structure.
☐ The piping will be aboveground
☐ The piping will be underground

31. ☐ The containment area must be constructed of and in a material impervious to the substance(s) being stored. The proposed containment structure will be constructed of: _____.

32. ☐ **Attachment H - AST Containment Structure Drawings**. A scaled drawing of the containment structure is attached that shows the following:

☐ Interior dimensions (length, width, depth and wall and floor thickness).
☐ Internal drainage to a point convenient for the collection of any spillage.
☐ Tanks clearly labeled
☐ Piping clearly labeled

☐ Dispenser clearly labeled

33. ☐ Any spills must be directed to a point convenient for collection and recovery. Spills from storage tank facilities must be removed from the controlled drainage area for disposal within 24 hours of the spill.

    ☐ In the event of a spill, any spillage will be removed from the containment structure within 24 hours of the spill and disposed of properly.

    ☐ In the event of a spill, any spillage will be drained from the containment structure through a drain and valve within 24 hours of the spill and disposed of properly. The drain and valve system are shown in detail on the scaled drawing.

Site Plan Requirements

Items 34 - 46 must be included on the Site Plan.

34. ☒ The Site Plan must have a minimum scale of 1" = 400'.

    Site Plan Scale: 1" = 100'.

35. 100-year floodplain boundaries:

    ☐ Some part(s) of the project site is located within the 100-year floodplain. The floodplain is shown and labeled.

    ☒ No part of the project site is located within the 100-year floodplain.

    The 100-year floodplain boundaries are based on the following specific (including date of material) sources(s): FEMA (Flood Insurance Rate Map for Hays County, Texas, and Incorporated areas) Panel Number 48209C0270F, dated September 2, 2005.

36. ☒ The layout of the development is shown with existing and finished contours at appropriate, but not greater than ten-foot contour intervals. Lots, recreation centers, buildings, roads, etc. are shown on the site plan.

    ☐ The layout of the development is shown with existing contours at appropriate, but not greater than ten-foot contour intervals. Finished topographic contours will not differ from the existing topographic configuration and are not shown. Lots, recreation centers, buildings, roads, etc. are shown on the site plan.

37. ☒ A drainage plan showing all paths of drainage from the site to surface streams.

38. ☒ The drainage patterns and approximate slopes anticipated after major grading activities.

39. ☒ Areas of soil disturbance and areas which will not be disturbed.

40. ☒ Locations of major structural and nonstructural controls. These are the temporary and permanent best management practices.

41. ☒ Locations where soil stabilization practices are expected to occur.

42. ☒ Surface waters (including wetlands).

☐ N/A

43. ☒ Locations where stormwater discharges to surface water.

☐ There will be no discharges to surface water.

44. ☐ Temporary aboveground storage tank facilities.

☒ Temporary aboveground storage tank facilities will not be located on this site.

45. ☐ Permanent aboveground storage tank facilities.

☒ Permanent aboveground storage tank facilities will not be located on this site.

46. ☒ Legal boundaries of the site are shown.

Permanent Best Management Practices (BMPs)

Practices and measures that will be used during and after construction is completed.

47. ☒ Permanent BMPs and measures must be implemented to control the discharge of pollution from regulated activities after the completion of construction.

☐ N/A

48. ☒ 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

49. ☒ 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

50. 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.

51. 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 I - 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.

52. ☒ **Attachment J - 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.

53. ☒ **Attachment K - 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.

54. ☒ **Attachment L - BMPs for Surface Streams**. A description of the BMPs and measures that prevent pollutants from entering surface streams is attached.

☐ N/A

55. ☒ **Attachment M - Construction Plans**. Construction plans and design calculations for the proposed permanent BMPs and measures have been prepared by or under the direct supervision of a Texas Licensed Professional Engineer, and are signed, sealed, and dated. Construction plans for the proposed permanent BMPs and measures are attached and include: Design calculations, TCEQ Construction Notes, all proposed structural plans and specifications, and appropriate details.

☐ N/A

56. ☒ **Attachment N - Inspection, Maintenance, Repair and Retrofit Plan**. A site and BMP specific plan for the inspection, maintenance, repair, and, if necessary, retrofit of the permanent BMPs and measures is attached. The plan fulfills all of the following:

☒ Prepared and certified by the engineer designing the permanent BMPs and measures
☒ Signed by the owner or responsible party
☒ Outlines specific procedures for documenting inspections, maintenance, repairs, and, if necessary, retrofit.
☒ Contains a discussion of record keeping procedures

☐ N/A

57. ☐ **Attachment O - 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

58. ☒ **Attachment P - 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 result in water quality degradation.

☐ N/A

Responsibility for Maintenance of Permanent BMPs and Measures after Construction is Complete.

59. ☒ 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.

60. ☒ 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.

Administrative Information

61. ☒ 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.

62. ☒ Any modification of this Contributing Zone Plan may require TCEQ review and Executive Director approval prior to construction, and may require submission of a revised application, with appropriate fees.

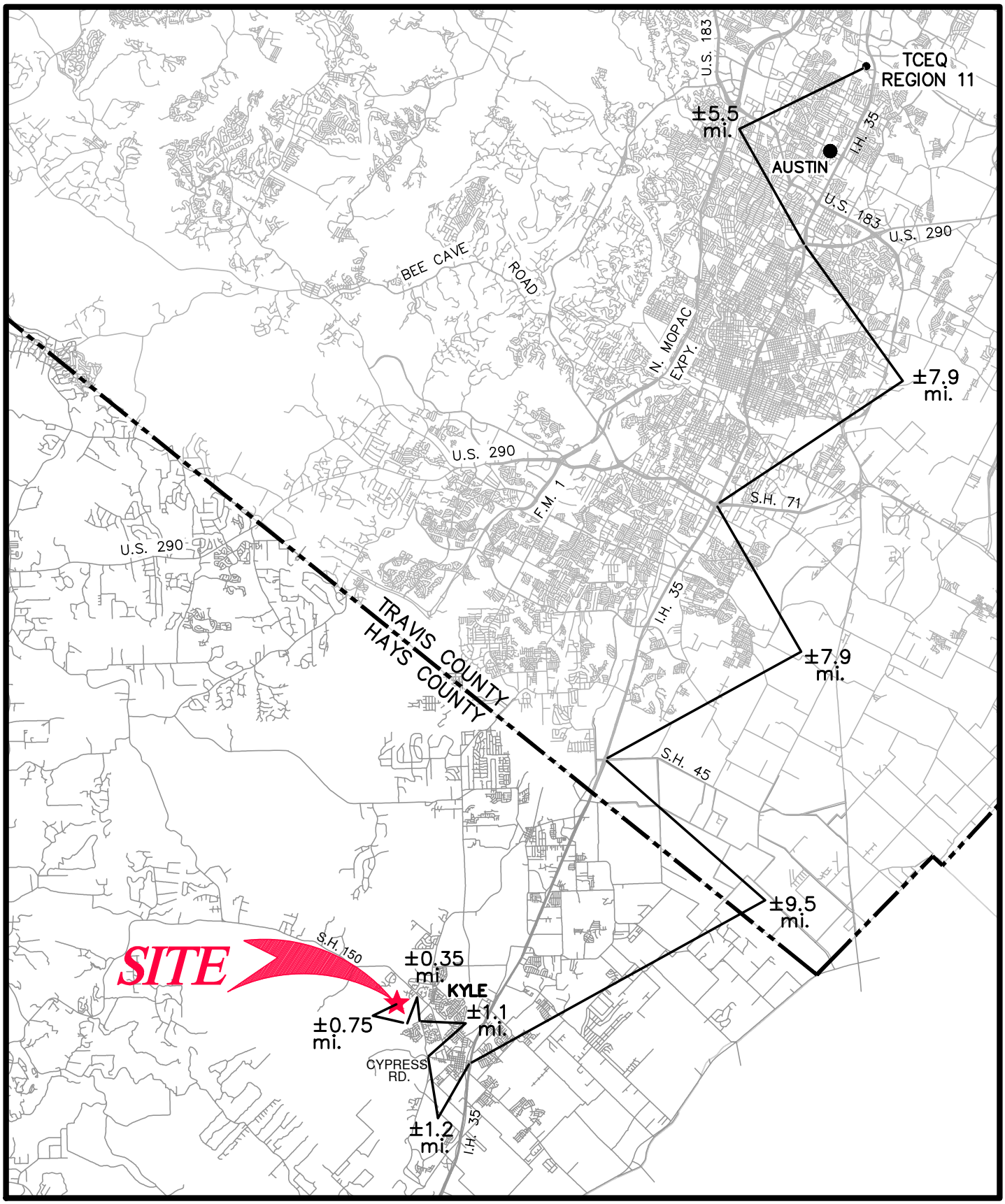
63. ☒ The site description, controls, maintenance, and inspection requirements for the storm water pollution prevention plan (SWPPP) developed under the EPA NPDES general permits for stormwater discharges have been submitted to fulfill paragraphs 30 TAC §213.24(1-5) of the technical report. All requirements of 30 TAC §213.24(1-5) have been met by the SWPPP document.

☒ The Temporary Stormwater Section (TCEQ-0602) is included with the application.

ATTACHMENT A

6 CREEKS - PHASE 1, SECTION 18A1 & 19
Contributing Zone Plan Modification

N
NOT TO SCALE



Pape-Dawson Engineers
Date: Jul 11, 2024, 4:22pm User ID: iarroyo
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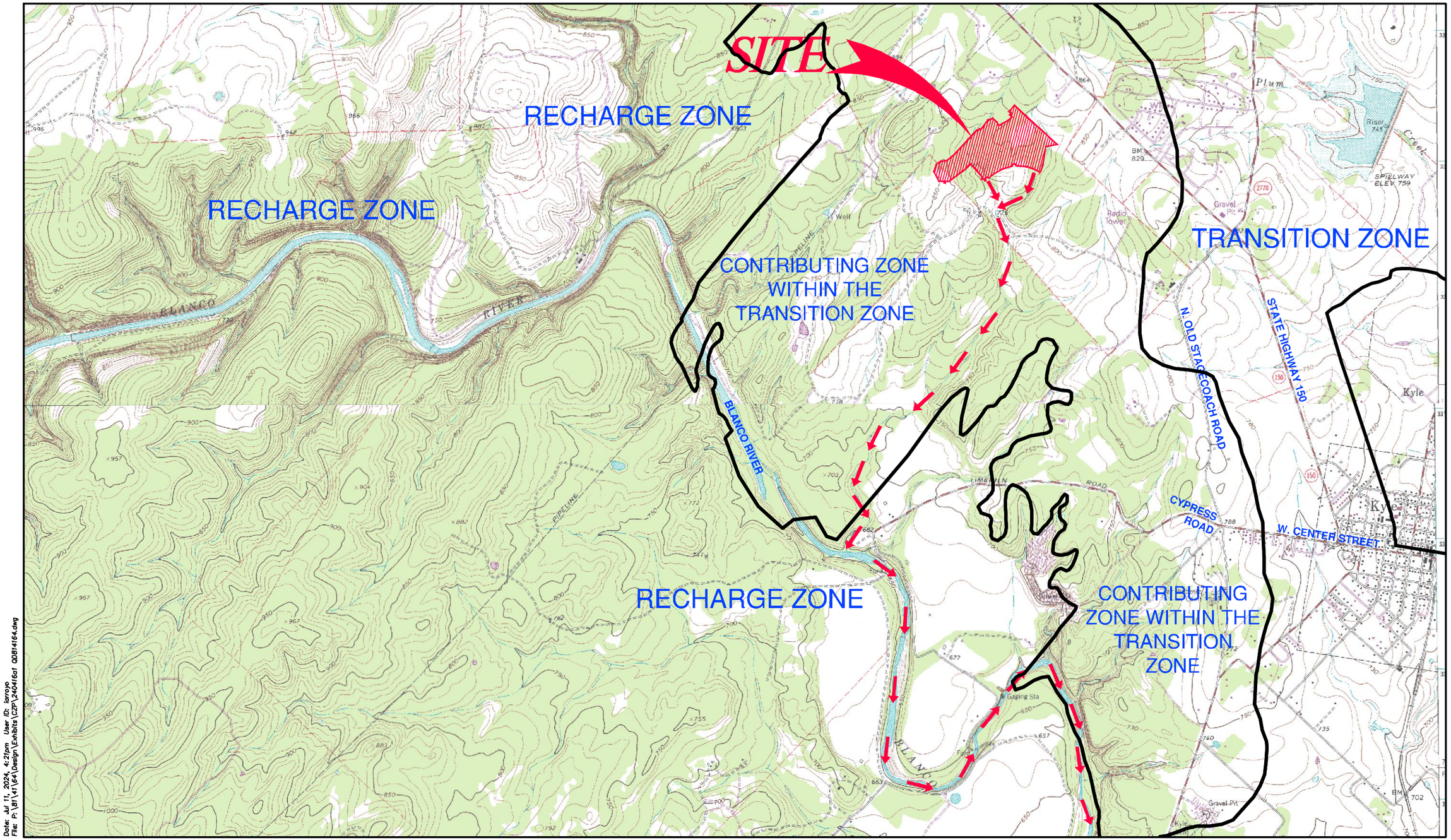
ATTACHMENT A
Road Map

ATTACHMENT B

6 CREEKS - PHASE 1, SECTION 18A1 & 19
Contributing Zone Plan Modification

N

SCALE: 1" = 2000'



Date: Jul 11, 2024, 4:21pm User ID: larroyo
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GENERAL LOCATION MAP - SAN MARCOS NORTH, TX QUAD;
MOUNTAIN, TX QUAD
DRAINAGE FLOW → →

Pape–Dawson Engineers

USGS/EDWARDS RECHARGE ZONE MAP

ATTACHMENT B

ATTACHMENT C

6 CREEKS-PHASE 1, SECTION 18A1 & 19
Contributing Zone Plan Modification

Attachment C – Project Narrative

This Contributing Zone Plan Modification (CZP MOD) for 6 Creeks–Phase 1, Section 18A1 & 19 is a modification of the 6 Creeks-Phase 1, Section 15-17 CZP application (currently under review) which is composed of a 253.75 acre-site, with an impervious cover of 18.77%. The proposed improvements under 6 Creeks–Phase 1, Section 18A1 & 19 CZP MOD will overlap and modify a portion of the upstream project limits for 6 Creeks-Phase 1, Section 15-17 CZP. 6 Creeks–Phase 1, Section 18A1 & 19 proposes the construction of single-family residential units and an Amenity Center on a 44.8-acre site out of 99.691-acres of total tract area. The project site is located within the City of Kyle ETJ in Hays County, Texas. The site is currently undeveloped though portions were previously cleared for agricultural uses. The site is located entirely over the Edwards Aquifer Contributing Zone within the Transition Zone. The proposed 44.8-acre project area is part of a larger planned development.

This CZP proposes clearing, grading, excavation, installation of utilities and drainage improvements, streets, turn lanes, sidewalks, homes, and one (1) batch detention basin. There are a total of 116 housing units proposed for construction with a maximum of 60% of impervious cover based on lot acreage per the development agreement. The 60% impervious cover on the single-family lots assumes installation of house pad, driveway, sidewalk, and a concrete patio. Approximately 22.37 acres of impervious cover are proposed for this project or 49.93% of the 44.8-acre site out of 99.691-acres of total tract area; impervious cover associated with construction of the turn lanes is identified as overtreated area to be treated by the proposed batch detention basin. This plan does propose modification to the project area of already-approved 6 Creeks-Phase 1, Section 15-17 CZP. There are no proposed changes to Water Quality Basins that are currently under review in the
6 Creeks–Phase 1, Section 15-17 CZP.

The permanent BMPs for this CZP are one (1) Proposed Batch Detention Basins (Basin “S”) and five (5) engineered vegetative filter strips which have been designed in accordance with the TCEQ’s Technical Guidance Manual (TGM) RG-348 (2005) to remove 80% of the increase in Total Suspended Solids (TSS) from the site.

Since this project is located within the Edwards Aquifer Contributing Zone within the Transition Zone, a Geological Assessment was not conducted and is not required by 30 TAC 213 regulations. Therefore, no naturally-occurring sensitive features are known to exist on the site.

Potable water will be supplied by the City of Kyle. The proposed development will generate approximately 30,450 gallons per day (average flow) of domestic wastewater (1 edu/unit*262.5gpd/edu*116 units = 30,450 gpd). Wastewater will be disposed of by conveyance to the City of Kyle Wastewater Treatment Facility.

ATTACHMENT D

Attachment D – Factors Affecting Surface Water Quality

Potential sources of pollution that may reasonably be expected to affect the quality of storm water discharges from the site during construction include:

- Soil erosion due to the demolition and clearing of the site;
- Oil, grease, fuel and hydraulic fluid contamination from construction equipment and vehicle drippings;
- Hydrocarbons from asphalt paving operations;
- Miscellaneous trash and litter from construction workers and material wrappings;
- Concrete truck washout.
- Potential overflow/spills from portable toilets

Potential sources of pollution that may reasonably be expected to affect the quality of storm water discharges from the site after development include:

- Oil, grease, fuel and hydraulic fluid contamination from vehicle drippings;
- Dirt and dust which may fall off vehicles; and
- Miscellaneous trash and litter.

ATTACHMENT E

ATTACHMENT J

Attachment J – BMPs for Upgradient Stormwater

Due to site topography, a minor area of upgradient stormwater will enter the project limits and will flow to the proposed batch detention basin (Basin "S"). This area is included within the Basin Watershed Boundary illustrated on Exhibit 3.

Additional upgradient stormwater will flow through the existing natural lows onsite. The existing natural lows will remain under post-development conditions and will continue to allow upgradient stormwater to flow through the site.

ATTACHMENT K

Attachment K – BMPs for Onsite Stormwater

The proposed Permanent Best Management Practices (PBMPs) for stormwater treatment are one (1) batch detention basins (Basin "S") and five (5) engineered vegetative filter strip which are designed in accordance with the TCEQ's Technical Guidance Manual (TGM) RG-348 (2005) to remove 80% of the increase in Total Suspended Solids (TSS) from the site.

ATTACHMENT L

Attachment L – BMPs for Surface Streams

The proposed Permanent Best Management Practices (PBMPs) for stormwater treatment are one (1) batch detention basins (Basin "S" and five (5) engineered vegetative filter strip which are designed in accordance with the TCEQ's Technical Guidance Manual (TGM) RG-348 (2005) to remove 80% of the increase in Total Suspended Solids (TSS) from the site.

ATTACHMENT M

ATTACHMENT N

PERMANENT POLLUTION ABATEMENT MEASURES
MAINTENANCE SCHEDULE AND MAINTENANCE PROCEDURES

This document has been prepared to provide a description and schedule for the performance of maintenance on permanent pollution abatement measures. Maintenance measures to be performed will be dependent on what permanent pollution abatement measures are incorporated into the project. The project specific water pollution abatement plan should be reviewed to determine what permanent pollution abatement measures are incorporated into a project.

It should also be noted that the timing and procedures presented herein are general guidelines, adjustment to the timing and procedures may have to be made depending on project specific characteristics as well as weather related conditions but may not be altered without TCEQ approval.

Where a project is occupied by the owner, the owner may provide for maintenance with his own skilled forces or contract for recommended maintenance of Permanent Best Management Practices. Where a project is occupied or leased by a tenant, the owner shall require tenants to contract for such maintenance services either through a lease agreement, property owners association covenants, or other binding document.

I understand that I am responsible for maintenance of the Permanent Pollution Abatement Measures included in this project until such time as the maintenance obligation is either assumed in writing by another entity having ownership or control of the property or ownership is transferred.

I, the owner, have read and understand the requirements of the attached Maintenance Plan and Schedule.

Jay Hanna, President
HM 6 Creeks Development, Inc.

7.10.24
Date

INSPECTION AND MAINTENANCE SCHEDULE FOR PERMANENT POLLUTION ABATEMENT MEASURES

Recommended Frequency	Task to be Performed												
	1	2	3	4	5	6	7	8	9	10	11	12	13
After Rainfall	√							√			√		√
Biannually*	√	√	√	√	√	√	√	√	√	√	√	√	√

At least one biannual inspection must occur during or immediately after a rainfall event.
√Indicates maintenance procedure that applies to this specific site.

See description of maintenance task to be performed on the following pages. Frequency of maintenance tasks may vary depending on amount of rainfall and other weather-related conditions but may not be altered without TCEQ approval.

A *written record should be kept of inspection results and maintenance performed.*

Task No. & Description	***Included in this project***	
1. Mowing	**Yes**	~~No~~
2. Litter and Debris Removal	**Yes**	~~No~~
3. Erosion Control	**Yes**	~~No~~
4. Level Sensor	**Yes**	~~No~~
5. Nuisance Control	**Yes**	~~No~~
6. Structural Repairs and Replacement	**Yes**	~~No~~
7. Discharge Pipe	**Yes**	~~No~~
8. Detention and Drawdown Time	**Yes**	~~No~~
9. Sediment Removal	**Yes**	~~No~~
10. Logic Controller	**Yes**	~~No~~
11. Vegetated Filter Strips	**Yes**	~~No~~
12. Visually Inspect Security Fencing for Damage or Breach	**Yes**	~~No~~
13. Recordkeeping for Inspections, Maintenance, and Repairs	**Yes**	~~No~~

MAINTENANCE PROCEDURES FOR PERMANENT POLLUTION ABATEMENT MEASURES

Note: Additional guidance can be obtained from TCEQ's Technical Guidance Manual (TGM) RG-348 (2005) Section 3.5.

Inspections. Inspections should take place a minimum of twice a year. One inspection should take place during wet weather to determine if the basin is meeting the target detention time of 12 hours and a drawdown time of no more than 48 hours. The remaining inspections should occur between storm events so that manual operation of the valve and controller can be verified. The level sensor in the basin should be inspected and any debris or sediment in the area should be removed. The outlet structure and the trash screen should be inspected for signs of clogging. Debris and sediment should be removed from the orifice and outlet(s) as described in previous sections. Debris obstructing the valve should be removed. During each inspection, erosion areas inside and downstream of this BMP should be identified and repaired/revegetated immediately. *A written record should be kept of inspection results and corrective measures taken*

1. Mowing. The basin, basin side-slopes, and embankment of the basin must be mowed to prevent woody growth and control weeds. A mulching mower should be used, or the grass clippings should be caught and removed. Mowing should take place at least twice a year, or more frequently if vegetation exceeds 18 inches in height. More frequent mowing to maintain aesthetic appeal may be necessary in landscaped areas.

2. Litter and Debris Removal. Litter and debris removal should take place at least twice a year, as part of the periodic mowing operations and inspections. Debris and litter should be removed from the surface of the basin. Particular attention should be paid to floatable debris around the outlet structure. The outlet should be checked for possible clogging or obstructions and any debris removed.

3. Erosion control. The basin side slopes and embankment all may periodically suffer from slumping and erosion. To correct these problems, corrective action, such as regrading and revegetation, may be necessary. Correction of erosion control should take place whenever required based on the periodic inspections.

4. Level Sensor. The level sensor in the basin should be inspected and any debris or sediment in the area should be removed. Litter and debris removal should take place at least twice a year, as part of the periodic mowing operations and inspections. Debris and litter should be removed from the surface of the basin.

5. Nuisance Control. Standing water or soggy conditions may occur in the basin. Some standing water may occur after a storm event since the valve may close with 2 to 3 inches of water in the basin. Some flow into the basin may also occur between storms due to spring flow and residential water use that enters the storm sewer system. Twice a year, the facility should be evaluated in terms of nuisance control (insects, weeds, odors, algae, etc.).

6. Structural Repairs and Replacement. With each inspection, any damage to structural elements of the basin (pipes, concrete drainage structures, retaining walls, etc.) should be identified and

repaired immediately. An example of this type of repair can include patching of cracked concrete, sealing of voids, removal of vegetation from cracks and joints. The various inlet/outlet structures in a basin will eventually deteriorate and must be replaced. *A written record should be kept of inspection results and corrective measures taken*

7. Discharge Pipe. The basin discharge pipe shall be checked for accumulation of silt, debris or other obstructions which could block flow. Soil accumulations, vegetative overgrowth and other blockages should be cleared from the pipe discharge point. Erosion at the point of discharge shall be monitored. If erosion occurs, the addition of rock rubble to disperse the flow should be accomplished. *A written record should be kept of inspection results and corrective measures taken*

8. Detention and Drawdown Time. One inspection should take place during wet weather to determine if the basin is meeting the target detention time of 12 hours and a drawdown time of no more than 48 hours. This characteristic can be a sign of the need for maintenance. The minimum drawdown time is 24 hours. If drawdown time is less than 24 hours, the actuator valve shall be checked and partially closed to limit the drawdown time. Extensive drawdown time greater than 48 hours may indicated blockage of the discharge pipe. Corrective actions should be performed and completed within 15 working days. *A written record of the inspection findings and corrective actions performed should be made.*

9. Sediment Removal. A properly designed batch detention basin will accumulate quantities of sediment over time. The accumulated sediment can detract from the appearance of the facility and reduce the pollutant removal performance of the facility. The sediment also tends to accumulate near the outlet structure and can interfere with the level sensor operation. Sediment shall be removed from the basin at least every 5 years, when sediment depth exceeds 6 inches, when the sediment interferes with the level sensor or when the basin does not drain within 48 hours. Care should be taken not to compromise the basin lining during maintenance.

10. Logic Controller. The Logic Controller should be inspected as part of the twice-yearly investigations. Verify that the external indicators (active, cycle in progress) are operating properly by turning the controller off and on, and by initiating a cycle by triggering the level sensor in the basin. The valve should be manually opened and closed using the open/close switch to verify valve operation and to assist in inspecting the valve for debris. The solar panel should be inspected and any dust or debris on the panel should be carefully removed. The controller and all other circuitry and wiring should be inspected for signs of corrosion, damage from insects, water leaks, or other damage. At the end of the inspection, the controller should be reset.

11. Vegetated Filter Strips. Vegetation height for native grasses shall be limited to no more than 18-inches. When vegetation exceeds that height, the filter strip shall be cut to a height of approximately 4 inches. Turf grass shall be limited to a height of 4-inches with regular maintenance that utilizes a mulching mower. Trash and debris shall be removed from filter strip prior to cutting. Check filter strip for signs of concentrated flow and erosion. Areas of filter strip showing signs of erosion shall be repaired by scarifying the eroded area, reshaping, regrading,

and placement of solid block sod over the affected area. *A written record of the inspection findings and corrective actions performed should be made*

12. Visually Inspect Security Fencing for Damage or Breach. Check maintenance access gates for proper operation. Damage to fencing or gates shall be repaired within 5 working days. *A written record should be kept of inspection results and maintenance performed.*

13. Recordkeeping Procedures for Inspections, Maintenance, Repairs, and Retrofits.
    - Written records shall be kept by the party responsible for maintenance or a designated representative.
    - Written records shall be retained for a minimum of five years.

ATTACHMENT P

Attachment P – Measures for Minimizing Surface Stream Contamination

Any points where discharge from the site is concentrated and erosive velocities exist will include appropriately sized energy dissipators to reduce velocities to non-erosive levels.

TEMPORARY STORMWATER SECTION (TCEQ-0602)

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: Becky Carroll, P.E.

Date: 08/20/2024

Signature of Customer/Agent:

Regulated Entity Name: 6 Creeks-Phase 1, Section 18A1 & 19

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: Construction Staging Area

   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: Lower Blanco 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.

ATTACHMENT A

Attachment A – Spill Response Actions

In the event of an accidental leak or spill:

- Spill must be contained and cleaned up immediately.
- Spills will not be merely buried or washed with water.
- Contractor shall take action to contain spill. Contractor may use sand or other absorbent material stockpiled on site to absorb spill. Absorbent material should be spread over the spill area to absorb the spilled product.
- In the event of an uncontained discharge the contractor shall utilize onsite equipment to construct berms downgradient of the spill with sand or other absorbent material to contain and absorb the spilled product.
- Spill containment/absorbent materials along with impacted media must be collected and stored in such a way so as not to continue to affect additional media (soil/water). Once the spill has been contained, collected material should be placed on poly or plastic sheeting until removed from the site. The impacted media and cleanup materials should be covered with plastic sheeting and the edges weighed down with paving bricks or other similarly dense objects as the material is being accumulated. This will prevent the impacted media and cleanup materials from becoming airborne in windy conditions or impacting runoff during a rain event. The stockpiled materials should not be located within an area of concentrated runoff such as along a curb line or within a swale.
- Contaminated soils and cleanup materials will be sampled for waste characterization. When the analysis results are known the contaminated soils and cleanup materials will be removed from the site and disposed in a permitted landfill in accordance with applicable regulations.
- The contractor will be required to notify the owner, who will in turn contact TCEQ to notify them in the event of a significant hazardous/reportable quantity spill. Additional notifications as required by the type and amount of spill will be conducted by owner or owner's representative.

In the event of an accidental significant or hazardous spill:

The contractor will be required to report significant or hazardous spills in reportable quantities to:

- Notify the TCEQ by telephone as soon as possible and within 24 hours at 512-339-2929 (Austin) or 210-490-3096 (San Antonio) between 8 AM and 5 PM. After hours, contact the Environmental Release Hotline at 1-800-832-8224. It is the contractor's responsibility to have all emergency phone numbers at the construction site. https://www.tceq.texas.gov/response/spills/spill_rq.html
- For spills of federal reportable quantities, in conformance with the requirements in 40 CFR parts 110,119, and 302, the contractor should notify the National Response Center at (800) 424-8802.

- Notification should first be made by telephone and followed up with a written report.

- The services of a spills contractor or a Haz-Mat team should be obtained immediately. Construction personnel should not attempt to clean up until the appropriate and qualified staffs have arrived at the job site.

- Other agencies which may need to be consulted include, but are not limited to, the City Police Department, County Sheriff Office, Fire Departments, etc.

- Contaminated soils will be sampled for waste characterization. When the analysis results are known the contaminated soils will be removed from the site and disposed in a permitted landfill in accordance with applicable regulations.

Additional guidance can be obtained from TCEQ's Technical Guidance Manual (TGM) RG-348 (2005) Section 1.4.16. Contractor shall review this section.

ATTACHMENT B

Attachment B – Potential Sources of Contamination

Other potential sources of contamination during construction include:

Potential Source
- Asphalt products used on this project.

Preventative Measure
- After placement of asphalt, emulsion or coatings, the contractor will be responsible for immediate cleanup should an unexpected rain occur. For the duration of the asphalt product curing time, the contractor will maintain standby personnel and equipment to contain any asphalt wash-off should an unexpected rain occur. The contractor will be instructed not to place asphalt products on the ground within 48 hours of a forecasted rain.

Potential Source
- Oil, grease, fuel and hydraulic fluid contamination from construction equipment and vehicle dripping.

Preventative Measure
- Vehicle maintenance when possible will be performed within the construction staging area.
- Construction vehicles and equipment shall be checked regularly for leaks and repaired immediately.

Potential Source
- Accidental leaks or spills of oil, petroleum products and substances listed under 40 CFR parts 110, 117, and 302 used or stored temporarily on site.

Preventative Measure
- Contractor to incorporate into regular safety meetings, a discussion of spill prevention and appropriate disposal procedures.
- Contractor's superintendent or representative overseer shall enforce proper spill prevention and control measures.
- Hazardous materials and wastes shall be stored in covered containers and protected from vandalism.
- A stockpile of spill cleanup materials shall be stored on site where it will be readily accessible.

Potential Source
- Miscellaneous trash and litter from construction workers and material wrappings.

Preventive Measure
- Trash containers will be placed throughout the site to encourage proper trash disposal.

Potential Source
- Construction debris.

Preventive Measure
- Construction debris will be monitored daily by contractor. Debris will be collected weekly and placed in disposal bins. Situations requiring immediate attention will be addressed on a case by case basis.

- Potential Source
  - Spills/Overflow of waste from portable toilets
- Preventative Measure
  - Portable toilets will be placed away from high traffic vehicular areas and storm drain inlets.
  - Portable toilets will be placed on a level ground surface.
  - Portable toilets will be inspected regularly for leaks and will be serviced and sanitized at time intervals that will maintain sanitary conditions.

ATTACHMENT C

Attachment C – Sequence of Major Activities

The sequence of major activities which disturb soil during construction on this site will be divided into three stages:

Phase 1 is site preparation which will include clearing and grubbing of vegetation where applicable and installation of Temporary BMPs as illustrated on Exhibit 1. This phase will disturb approximately 38.4 Acres.

Phase 2 will include construction of the permanent BMPs as illustrated on Exhibit 3, streets, utilities, sidewalk and landscaping within common areas and site cleanup. This phase will disturb approximately 11.1 Acres.

Phase 3 will include construction of single family homes with driveways and sidewalks and an Amenity Center. This phase will disturb approximately 27.3 Acres. Temporary BMPs will be removed after the completion of each phase.

ATTACHMENT D

Attachment D – Temporary Best Management Practices and Measures

a. 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.

Upgradient water will cross the project limits. Upgradient water will be intercepted through existing natural lows around the site. All TBMPs are adequate for the drainage areas they serve.

b. 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.

Site preparation, which is the initiation of all activity on the project, will disturb the largest amount of soil. Therefore, before any of this work can begin, the clearing and grading contractor will be responsible for the installation of all on-site control measures. The methodology for pollution prevention of on-site stormwater will include: (1) erection of silt fences along the downgradient boundary of construction activities for temporary erosion and sedimentation controls, (2) installation of rock berms with silt fencing downgradient from areas of concentrated stormwater flow for temporary erosion control, (3) Installation of gravel bags and drain inlet protection at inlets and downgradient areas of construction activities for sediment control (4) installation of stabilized construction entrance/exit(s) to reduce the dispersion of sediment from the site, and (5) installation of construction staging area(s).

Prior to the initiation of construction, all previously installed control measures will be repaired or reestablished for their designed or intended purpose. This work, which is the remainder of all activity on the project, may also disturb additional soil. The construction contractor will be responsible for the installation of all remaining on-site control measures that includes installation of the concrete truck washout pit(s), as construction phasing warrants.

Temporary measures are intended to provide a method of slowing the flow of runoff from the construction site in order to allow sediment and suspended solids to settle out of the runoff. By containing the sediment and solids within the site, they will not enter surface streams and/or sensitive features.

c. A description of how BMPs and measures will prevent pollutants from entering surface streams, sensitive features, or the aquifer.

As this site is entirely over the Edwards Aquifer Contributing Zone within the Transition Zone, a Geologic Assessment was not conducted and is not required; therefore, no sensitive features were identified. There are no surface streams on or immediately adjacent to the site.

Temporary measures are intended to provide a method of slowing the flow of runoff from the construction site in order to allow sediment and suspended solids to settle out of the runoff. By containing the sediment and solids within the site, they will not enter surface streams and/or sensitive features.

d. 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.

Since the project is located entirely over the Edwards Contributing Zone within the Transition Zone, a Geologic Assessment was not conducted and is not required by 30 TAC 213 regulations. Therefore, no naturally-occurring sensitive features are known to exist on the site. 30 TAC 213(f)(2) only applies to projects over the Edwards Aquifer Recharge Zone.

ATTACHMENT F

Attachment F – Structural Practices

The following structural measures will be installed prior to the initiation of site preparation activities:

- Erection of silt fences along the downgradient boundary of construction activities and rock berms with silt fence for secondary protection, as located on Exhibit 1 and illustrated in Exhibit 2.
- Installation of gravel bags and drain inlet protection at inlets and downgradient areas of construction activities, as located on Exhibit 1 and illustrated in Exhibit 2.
- Installation of stabilized construction entrance/exit(s) and construction staging area(s), as located on Exhibit 1, and illustrated on Exhibit 2.

The following structural measures will be installed at the initiation of construction activities or as appropriate based on the construction sequencing:

- Installation of concrete truck washout pit(s), as required and located on Exhibit 1 and illustrated on Exhibit 2.

ATTACHMENT G

Attachment G – Drainage Area Map

No more than ten (10) acres will be disturbed within a common drainage area at one time as construction of civil infrastructure (utilities, roads, drainage, etc.) will precede home building construction. Refer to included exhibits for additional details. All TBMPs utilized are adequate for the drainage areas served.

ATTACHMENT I

INSPECTIONS

Designated and qualified person(s) shall inspect Pollution Control Measures weekly and within 24 hours after a storm event. An inspection report that summarizes the scope of the inspection, names and qualifications of personnel conducting the inspection, date of the inspection, major observations, and actions taken as a result of the inspection shall be recorded and maintained as part of Storm Water TPDES data for a period of three years after the Notice of Termination (NOT) has been filed. A copy of the Inspection Report Form is provided in this Storm Water Pollution Prevention Plan.

As a minimum, the inspector shall observe: (1) significant disturbed areas for evidence of erosion, (2) storage areas for evidence of leakage from the exposed stored materials, (3) structural controls (rock berm outlets, silt fences, drainage swales, etc.) for evidence of failure or excess siltation (over 6 inches deep), (4) vehicle exit point for evidence of off-site sediment tracking, (5) vehicle storage areas for signs of leaking equipment or spills, (6) concrete truck rinse-out pit for signs of potential failure, (7) embankment, spillways, and outlet of sediment basin (where applicable) for erosion damage, and (8) sediment basins (where applicable) for evidence that basin has accumulated 50% of its volume in silt. Deficiencies noted during the inspection will be corrected and documented within seven calendar days following the inspection or before the next anticipated storm event if practicable.

Contractor shall review Sections 1.3 and 1.4 of TCEQ's Technical Guidance Manual for additional BMP inspection and maintenance requirements.

6 CREEKS-PHASE 1, SECTION 18A1 & 19
Contributing Zone Plan Modification

Pollution Prevention Measure	Inspected in Compliance	Corrective Action Required	
		Description (use additional sheet if necessary)	Date Completed
Best Management Practices			
Natural vegetation buffer strips			
Temporary vegetation			
Permanent vegetation			
Sediment control basin			
Silt fences			
Rock berms			
Gravel filter bags			
Drain inlet protection			
Other structural controls			
Vehicle exits (off-site tracking)			
Material storage areas (leakage)			
Equipment areas (leaks, spills)			
Concrete washout pit (leaks, failure)			
General site cleanliness			
Trash receptacles			
Evidence of Erosion			
Site preparation			
Roadway or parking lot construction			
Utility construction			
Drainage construction			
Building construction			
Major Observations			
Sediment discharges from site			
BMPs requiring maintenance			
BMPs requiring modification			
Additional BMPs required			

_____ A brief statement describing the qualifications of the inspector is included in this SWP3.

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

"I further certify I am an authorized signatory in accordance with the provisions of 30 TAC §305.128."

Inspector's Name _____ Inspector's Signature _____ Date _____

PROJECT MILESTONE DATES

Date when major site grading activities begin:

Construction Activity	Date
Installation of BMPs	

Dates when construction activities temporarily or permanently cease on all or a portion of the project:

Construction Activity	Date

Dates when stabilization measures are initiated:

Stabilization Activity	Date
Removal of BMPs	

ATTACHMENT J

Attachment J - Schedule of Interim and Permanent Soil Stabilization Practices

Interim on-site stabilization measures, which are continuous, will include minimizing soil disturbances by exposing the smallest practical area of land required for the shortest period of time and maximizing use of natural vegetation. As soon as practical, all disturbed soil will be stabilized as per project specifications in accordance with pages 1-35 to 1-60 of TCEQ's Technical Guidance Manual (TGM) RG-348 (2005). Mulching, netting, erosion blankets and seeding are acceptable.

Stabilization measures will be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, and except as provided below, will be initiated no more than fourteen (14) days after the construction activity in that portion of the site has temporarily or permanently ceased. Where construction activity on a portion of the site is temporarily ceased, and earth disturbing activities will be resumed within twenty-one (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 seasonably arid conditions, stabilization measures must be initiated as soon as practicable.

NOTICE OF INTENT
(TCEQ-20022)

TCEQ Office Use Only
Permit No:
CN:
RN:

Notice of Intent (NOI) for an Authorization for Stormwater Discharges Associated with Construction Activity under TPDES General Permit TXR150000

IMPORTANT INFORMATION

Please read and use the General Information and Instructions prior to filling out each question in the NOI form.

Use the NOI Checklist to ensure all required information is completed correctly. **Incomplete applications delay approval or result in automatic denial.**

Once processed your permit authorization can be viewed by entering the following link into your internet browser: http://www2.tceq.texas.gov/wq_dpa/index.cfm or you can contact TCEQ Stormwater Processing Center at 512-239-3700.

ePERMITS

Effective September 1, 2018, this paper form must be submitted to TCEQ with a completed electronic reporting waiver form (TCEQ-20754).

To submit an NOI electronically, enter the following web address into your internet browser and follow the instructions: https://www3.tceq.texas.gov/steers/index.cfm

APPLICATION FEE AND PAYMENT

The application fee for submitting a paper NOI is $325. The application fee for electronic submittal of a NOI through the TCEQ ePermits system (STEERS) is $225.

Payment of the application fee can be submitted by mail or through the TCEQ ePay system. The payment and the NOI must be mailed to separate addresses. To access the TCEQ ePay system enter the following web address into your internet browser: http://www.tceq.texas.gov/epay.

Provide your payment information for verification of payment:

- If payment was mailed to TCEQ, provide the following:
  - Check/Money Order Number: Click here to enter text
  - Name printed on Check: Click here to enter text
- If payment was made via ePay, provide the following:
  - Voucher Number: Click here to enter text
  - A copy of the payment voucher is attached to this paper NOI form.

RENEWAL (This portion of the NOI is not applicable after June 3, 2018)

Is this NOI for a renewal of an existing authorization? ☐ Yes ☐ No

If Yes, provide the authorization number here: TXR15 Click here to enter text

NOTE: If an authorization number is not provided, a new number will be assigned.

SECTION 1. OPERATOR (APPLICANT)

a) If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity? CN Click here to enter text

(Refer to Section 1.a) of the Instructions)

b) What is the Legal Name of the entity (applicant) applying for this permit? (The legal name must be spelled exactly as filed with the Texas Secretary of State, County, or in the legal document forming the entity.)

Click here to enter text

c) What is the contact information for the Operator (Responsible Authority)?

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

First and Last Name: Click here to enter text Suffix: Click here to enter text

Title: Click here to enter text Credentials: Click here to enter text

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

E-mail: Click here to enter text

Mailing Address: Click here to enter text

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

Mailing Information if outside USA:

Territory: Click here to enter text

Country Code: Click here to enter text Postal Code: Click here to enter text

d) Indicate the type of customer:

☐ Individual
☐ Limited Partnership
☐ General Partnership
☐ Trust
☐ Sole Proprietorship (D.B.A.)
☐ Corporation
☐ Estate
☐ Federal Government
☐ County Government
☐ State Government
☐ City Government
☐ Other Government
☐ Other: Click here to enter text

e) Is the applicant an independent operator? ☐ Yes ☐ No

(If a governmental entity, a subsidiary, or part of a larger corporation, check No.)

f) Number of Employees. Select the range applicable to your company.

☐ 0-20
☐ 21-100
☐ 101-250
☐ 251-500
☐ 501 or higher

g) Customer Business Tax and Filing Numbers: (**Required** for Corporations and Limited Partnerships. **Not Required** for Individuals, Government, or Sole Proprietors.)

State Franchise Tax ID Number: Click here to enter text.

Federal Tax ID: Click here to enter text.

Texas Secretary of State Charter (filing) Number: Click here to enter text.

DUNS Number (if known): Click here to enter text.

SECTION 2. APPLICATION CONTACT

Is the application contact the same as the applicant identified above?

☐ Yes, go to Section 3

☐ No, complete this section

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

First and Last Name: Click here to enter text. Suffix: Click here to enter text.

Title: Click here to enter text. Credential: Click here to enter text.

Organization Name: Click here to enter text.

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

E-mail: Click here to enter text.

Mailing Address: Click here to enter text.

Internal Routing (Mail Code, Etc.): Click here to enter text.

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

Mailing information if outside USA:

Territory: Click here to enter text.

Country Code: Click here to enter text. Postal Code: Click here to enter text.

SECTION 3. REGULATED ENTITY (RE) INFORMATION ON PROJECT OR SITE

a) If this is an existing permitted site, what is the Regulated Entity Number (RN) issued to this site? RN Click here to enter text.

(Refer to Section 3.a) of the Instructions)

b) Name of project or site (the name known by the community where it's located): 6 Creeks-Phase 1, Section 18A1 & 19

c) In your own words, briefly describe the type of construction occurring at the regulated site (residential, industrial, commercial, or other): Single-Family Residential

d) County or Counties (if located in more than one): Hays

e) Latitude: 30.0147 N Longitude: -97.9065 W

f) Site Address/Location

If the site has a physical address such as 12100 Park 35 Circle, Austin, TX 78753, complete *Section A*.

If the site does not have a physical address, provide a location description in *Section B*. Example: located on the north side of FM 123, 2 miles west of the intersection of FM 123 and Highway 1.

Section A:

Street Number and Name: Click here to enter text

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

Section B:

Location Description: Click here to enter text

City (or city nearest to) where the site is located: Kyle

Zip Code where the site is located: 78640

SECTION 4. GENERAL CHARACTERISTICS

a) Is the project or site located on Indian Country Lands?

☐ Yes, do not submit this form. You must obtain authorization through EPA Region 6.

☒ No

b) Is your construction activity associated with a facility that, when completed, would be associated with the exploration, development, or production of oil or gas or geothermal resources?

☐ Yes. Note: The construction stormwater runoff may be under jurisdiction of the Railroad Commission of Texas and may need to obtain authorization through EPA Region 6.

☒ No

c) What is the Primary Standard Industrial Classification (SIC) Code that best describes the construction activity being conducted at the site? **1521**

d) What is the Secondary SIC Code(s), if applicable? 1611

e) What is the total number of acres to be disturbed? 44.8

f) Is the project part of a larger common plan of development or sale?

☒ Yes

☐ No. The total number of acres disturbed, provided in e) above, must be 5 or more. If the total number of acres disturbed is less than 5, do not submit this form. See the requirements in the general permit for small construction sites.

g) What is the estimated start date of the project? Click here to enter text.

h) What is the estimated end date of the project? Click here to enter text.

i) Will concrete truck washout be performed at the site? ☒ Yes ☐ No

j) What is the name of the first water body(ies) to receive the stormwater runoff or potential runoff from the site? Lower Blanco River Tributary 3

k) What is the segment number(s) of the classified water body(ies) that the discharge will eventually reach? 1809

l) Is the discharge into a Municipal Separate Storm Sewer System (MS4)?

☐ Yes ☒ No

If Yes, provide the name of the MS4 operator: Click here to enter text.

Note: The general permit requires you to send a copy of this NOI form to the MS4 operator.

m) Is the discharge or potential discharge from the site within the Recharge Zone, Contributing Zone, or Contributing Zone within the Transition Zone of the Edwards Aquifer, as defined in 30 TAC Chapter 213?

☒ Yes, complete the certification below.

☐ No, go to Section 5

I certify that the copy of the TCEQ-approved Plan required by the Edwards Aquifer Rule (30 TAC Chapter 213) that is included or referenced in the Stormwater Pollution Prevention Plan will be implemented. ☒ Yes

SECTION 5. NOI CERTIFICATION

a) I certify that I have obtained a copy and understand the terms and conditions of the Construction General Permit (TXR150000). ☐ Yes

b) I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas. ☐ Yes

c) I understand that a Notice of Termination (NOT) must be submitted when this authorization is no longer needed. ☐ Yes

d) I certify that a Stormwater Pollution Prevention Plan has been developed, will be implemented prior to construction and to the best of my knowledge and belief is compliant with any applicable local sediment and erosion control plans, as required in the Construction General Permit (TXR150000). ☐ Yes

Note: For multiple operators who prepare a shared SWP3, the confirmation of an operator may be limited to its obligations under the SWP3, provided all obligations are confirmed by at least one operator.

SECTION 6. APPLICANT CERTIFICATION SIGNATURE

Operator Signatory Name: Click here to enter text.

Operator Signatory Title: Click here to enter text.

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

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

Signature (use blue ink): _____Date: _____

NOTICE OF INTENT CHECKLIST (TXR150000)

Did you complete everything? Use this checklist to be sure!

Are you ready to mail your form to TCEQ? Go to the General Information Section of the Instructions for mailing addresses.

Confirm each item (or applicable item) in this form is complete. This checklist is for use by the applicant to ensure a complete application is being submitted. **Missing information may result in denial of coverage under the general permit.** (See NOI process description in the General Information and Instructions.)

APPLICATION FEE

If paying by check:

☐ Check was mailed **separately** to the TCEQs Cashier's Office. (See Instructions for Cashier's address and Application address.)

☐ Check number and name on check is provided in this application.

If using ePay:

☐ The voucher number is provided in this application and a copy of the voucher is attached.

RENEWAL

☐ If this application is for renewal of an existing authorization, the authorization number is provided.

OPERATOR INFORMATION

☐ Customer Number (CN) issued by TCEQ Central Registry

☐ Legal name as filed to do business in Texas. (Call TX SOS 512-463-5555 to verify.)

☐ Name and title of responsible authority signing the application.

☐ Phone number and e-mail address

☐ Mailing address is complete & verifiable with USPS. www.usps.com

☐ Type of operator (entity type). Is applicant an independent operator?

☐ Number of employees.

☐ For corporations or limited partnerships – Tax ID and SOS filing numbers.

☐ Application contact and address is complete & verifiable with USPS. http://www.usps.com

REGULATED ENTITY (RE) INFORMATION ON PROJECT OR SITE

☐ Regulated Entity Number (RN) (if site is already regulated by TCEQ)

☐ Site/project name and construction activity description

☐ County

☐ Latitude and longitude http://www.tceq.texas.gov/gis/sqmaview.html

☐ Site Address/Location. Do not use a rural route or post office box.

GENERAL CHARACTERISTICS

☐ Indian Country Lands –the facility is not on Indian Country Lands.

☐ Construction activity related to facility associated to oil, gas, or geothermal resources

☐ Primary SIC Code that best describes the construction activity being conducted at the site. www.osha.gov/oshstats/sicser.html

☐ Estimated starting and ending dates of the project.

☐ Confirmation of concrete truck washout.

☐ Acres disturbed is provided and qualifies for coverage through a NOI.

☐ Common plan of development or sale.

☐ Receiving water body or water bodies.

☐ Segment number or numbers.

☐ MS4 operator.

☐ Edwards Aquifer rule.

CERTIFICATION

☐ Certification statements have been checked indicating Yes.

☐ Signature meets 30 Texas Administrative Code (TAC) §305.44 and is original.

Instructions for Notice of Intent (NOI) for Stormwater Discharges Associated with Construction Activity under TPDES General Permit (TXR150000)

GENERAL INFORMATION

Where to Send the Notice of Intent (NOI):

By Regular Mail:
TCEQ
Stormwater Processing Center (MC228)
P.O. Box 13087
Austin, Texas 78711-3087

By Overnight or Express Mail:
TCEQ
Stormwater Processing Center (MC228)
12100 Park 35 Circle
Austin, TX

Application Fee:

The application fee of $325 is required to be paid at the time the NOI is submitted. Failure to submit payment at the time the application is filed will cause delays in acknowledgment or denial of coverage under the general permit. Payment of the fee may be made by check or money order, payable to TCEQ, or through EPAY (electronic payment through the web).

Mailed Payments:

Use the attached General Permit Payment Submittal Form. The application fee is submitted to a different address than the NOI. Read the General Permit Payment Submittal Form for further instructions, including the address to send the payment.

ePAY Electronic Payment: http://www.tceq.texas.gov/epay

When making the payment you must select Water Quality, and then select the fee category "General Permit Construction Storm Water Discharge NOI Application". You must include a copy of the payment voucher with your NOI. Your NOI will not be considered complete without the payment voucher.

TCEQ Contact List:

Application – status and form questions:	512-239-3700, swpermit@tceq.texas.gov
Technical questions:	512-239-4671, swgp@tceq.texas.gov
Environmental Law Division:	512-239-0600
Records Management - obtain copies of forms:	512-239-0900
Reports from databases (as available):	512-239-DATA (3282)
Cashier's office:	512-239-0357 or 512-239-0187

Notice of Intent Process:

When your NOI is received by the program, the form will be processed as follows:

- **Administrative Review**: Each item on the form will be reviewed for a complete response. In addition, the operator's legal name must be verified with Texas Secretary of State as valid and active (if applicable). The address(es) on the form must be verified with the US Postal service as receiving regular mail delivery. Do not give an overnight/express

mailing address.

- **Notice of Deficiency:** If an item is incomplete or not verifiable as indicated above, a notice of deficiency (NOD) will be mailed to the operator. The operator will have 30 days to respond to the NOD. The response will be reviewed for completeness.
- **Acknowledgment of Coverage:** An Acknowledgment Certificate will be mailed to the operator. This certificate acknowledges coverage under the general permit.

  or

  Denial of Coverage: If the operator fails to respond to the NOD or the response is inadequate, coverage under the general permit may be denied. If coverage is denied, the operator will be notified.

General Permit (Your Permit)

For NOIs submitted **electronically** through ePermits, provisional coverage under the general permit begins immediately following confirmation of receipt of the NOI form by the TCEQ.

For **paper** NOIs, provisional coverage under the general permit begins **7 days after a completed NOI is postmarked for delivery** to the TCEQ.

You should have a copy of your general permit when submitting your application. You may view and print your permit for which you are seeking coverage, on the TCEQ web site http://www.tceq.texas.gov. Search using keyword TXR150000.

Change in Operator

An authorization under the general permit is not transferable. If the operator of the regulated project or site changes, the present permittee must submit a Notice of Termination and the new operator must submit a Notice of Intent. The NOT and NOI must be submitted no later than 10 days prior to the change in Operator status.

TCEQ Central Registry Core Data Form

The Core Data Form has been incorporated into this form. Do not send a Core Data Form to TCEQ. After final acknowledgment of coverage under the general permit, the program will assign a Customer Number and Regulated Entity Number, if one has not already been assigned to this customer or site.

For existing customers and sites, you can find the Customer Number and Regulated Entity Number by entering the following web address into your internet browser: http://www15.tceq.texas.gov/crpub/ or you can contact the TCEQ Stormwater Processing Center at 512-239-3700 for assistance. On the website, you can search by your permit number, the Regulated Entity (RN) number, or the Customer Number (CN). If you do not know these numbers, you can select “Advanced Search” to search by permittee name, site address, etc.

The Customer (Permittee) is responsible for providing consistent information to the TCEQ, and for updating all CN and RN data for all authorizations as changes occur. For this permit, a Notice of Change form must be submitted to the program area.

INSTRUCTIONS FOR FILLING OUT THE NOI FORM

Renewal of General Permit. Dischargers holding active authorizations under the expired General Permit are required to submit a NOI to continue coverage. The existing permit number is required. If the permit number is not provided or has been terminated, expired, or denied, a new permit number will be issued.

Section 1. OPERATOR (APPLICANT)

a) Customer Number (CN)

TCEQ's Central Registry will assign each customer a number that begins with CN, followed by nine digits. **This is not a permit number, registration number, or license number**.

If the applicant is an existing TCEQ customer, the Customer Number is available at the following website: http://www15.tceq.texas.gov/crpub/. If the applicant is not an existing TCEQ customer, leave the space for CN blank.

b) Legal Name of Applicant

Provide the current legal name of the applicant. The name must be provided exactly as filed with the Texas Secretary of State (SOS), or on other legal documents forming the entity, as filed in the county. You may contact the SOS at 512-463-5555, for more information related to filing in Texas. If filed in the county, provide a copy of the legal documents showing the legal name.

c) Contact Information for the Applicant (Responsible Authority)

Provide information for the person signing the application in the Certification section. This person is also referred to as the Responsible Authority.

Provide a complete mailing address for receiving mail from the TCEQ. The mailing address must be recognized by the US Postal Service. You may verify the address on the following website: https://tools.usps.com/go/ZipLookupAction!input.action.

The phone number should provide contact to the applicant.

The fax number and e-mail address are optional and should correspond to the applicant.

d) Type of Customer (Entity Type)

Check only one box that identifies the type of entity. Use the descriptions below to identify the appropriate entity type. Note that the selected entity type also indicates the name that must be provided as an applicant for an authorization.

Individual

An individual is a customer who has not established a business, but conducts an activity that needs to be regulated by the TCEQ.

Partnership

A customer that is established as a partnership as defined by the Texas Secretary of State Office (TX SOS). If the customer is a 'General Partnership' or 'Joint Venture' filed in the county (not filed with TX SOS), the legal name of each partner forming

the 'General Partnership' or 'Joint Venture' must be provided. Each 'legal entity' must apply as a co-applicant.

Trust or Estate

A trust and an estate are fiduciary relationships governing the trustee/executor with respect to the trust/estate property.

Sole Proprietorship (DBA)

A sole proprietorship is a customer that is owned by only one person and has not been incorporated. This business may:

1. be under the person's name
2. have its own name (doing business as or DBA)
3. have any number of employees.

If the customer is a Sole Proprietorship or DBA, the 'legal name' of the individual business 'owner' must be provided. The DBA name is not recognized as the 'legal name' of the entity. The DBA name may be used for the site name (regulated entity).

Corporation

A customer that meets all of these conditions:

1. is a legally incorporated entity under the laws of any state or country
2. is recognized as a corporation by the Texas Secretary of State
3. has proper operating authority to operate in Texas

The corporation's 'legal name' as filed with the Texas Secretary of State must be provided as applicant. An 'assumed' name of a corporation is not recognized as the 'legal name' of the entity.

Government

Federal, state, county, or city government (as appropriate)

The customer is either an agency of one of these levels of government or the governmental body itself. The government agency's 'legal name' must be provided as the applicant. A department name or other description of the organization is not recognized as the 'legal name'.

Other

This may include a utility district, water district, tribal government, college district, council of governments, or river authority. Provide the specific type of government.

e) Independent Entity

Check No if this customer is a subsidiary, part of a larger company, or is a governmental entity. Otherwise, check Yes.

f) Number of Employees

Check one box to show the number of employees for this customer's entire company, at all locations. This is not necessarily the number of employees at the site named in the application.

g) Customer Business Tax and Filing Numbers

These are required for Corporations and Limited Partnerships. These are not required for Individuals, Government, and Sole Proprietors.

State Franchise Tax ID Number

Corporations and limited liability companies that operate in Texas are issued a franchise tax identification number. If this customer is a corporation or limited liability company, enter the Tax ID number.

Federal Tax ID

All businesses, except for some small sole proprietors, individuals, or general partnerships should have a federal taxpayer identification number (TIN). Enter this number here. Use no prefixes, dashes, or hyphens. Sole proprietors, individuals, or general partnerships do not need to provide a federal tax ID.

TX SOS Charter (filing) Number

Corporations and Limited Partnerships required to register with the Texas Secretary of State are issued a charter or filing number. You may obtain further information by calling SOS at 512-463-5555.

DUNS Number

Most businesses have a DUNS (Data Universal Numbering System) number issued by Dun and Bradstreet Corp. If this customer has one, enter it here.

Section 2. APPLICATION CONTACT

Provide the name and contact information for the person that TCEQ can contact for additional information regarding this application.

Section 3. REGULATED ENTITY (RE) INFORMATION ON PROJECT OR SITE

a) Regulated Entity Number (RN)

The RN is issued by TCEQ's Central Registry to sites where an activity is regulated by TCEQ. This is not a permit number, registration number, or license number. Search TCEQ's Central Registry to see if the site has an assigned RN at http://www15.tceq.texas.gov/crpub/. If this regulated entity has not been assigned an RN, leave this space blank.

If the site of your business is part of a larger business site, an RN may already be assigned for the larger site. Use the RN assigned for the larger site.

If the site is found, provide the assigned RN and provide the information for the site to be authorized through this application. The site information for this authorization may vary from the larger site information.

An example is a chemical plant where a unit is owned or operated by a separate corporation that is accessible by the same physical address of your unit or facility.

Other examples include industrial parks identified by one common address but different corporations have control of defined areas within the site. In both cases, an RN would be assigned for the physical address location and the permitted sites would be identified separately under the same RN.

b) Name of the Project or Site

Provide the name of the site or project as known by the public in the area where the site is located. The name you provide on this application will be used in the TCEQ Central Registry as the Regulated Entity name.

c) Description of Activity Regulated

In your own words, briefly describe the primary business that you are doing that requires this authorization. Do not repeat the SIC Code description.

d) County

Provide the name of the county where the site or project is located. If the site or project is located in more than one county, provide the county names as secondary.

e) Latitude and Longitude

Enter the latitude and longitude of the site in degrees, minutes, and seconds or decimal form. For help obtaining the latitude and longitude, go to: http://www.tceq.texas.gov/gis/sqmaview.html.

f) Site Address/Location

If a site has an address that includes a street number and street name, enter the complete address for the site in *Section A*. If the physical address is not recognized as a USPS delivery address, you may need to validate the address with your local police (911 service) or through an online map site used to locate a site. Please confirm this to be a complete and valid address. Do not use a rural route or post office box for a site location.

If a site does not have an address that includes a street number and street name, provide a complete written location description in *Section B.* For example: "The site is located on the north side of FM 123, 2 miles west of the intersection of FM 123 and Highway 1."

Provide the city (or nearest city) and zip code of the site location.

Section 4. GENERAL CHARACTERISTICS

a) Indian Country Lands

If your site is located on Indian Country Lands, the TCEQ does not have authority to process your application. You must obtain authorization through EPA Region 6, Dallas. Do not submit this form to TCEQ.

b) Construction activity associated with facility associated with exploration, development, or production of oil, gas, or geothermal resources

If your activity is associated with oil and gas exploration, development, or production, you may be under jurisdiction of the Railroad Commission of Texas (RRC) and may need to obtain authorization from EPA Region 6.

Construction activities associated with a facility related to oil, gas or geothermal resources may include the construction of a well site; treatment or storage facility; underground hydrocarbon or natural gas storage facility; reclamation plant; gas processing facility; compressor station; terminal facility where crude oil is stored prior to refining and at which refined products are stored solely for use at the facility; a carbon dioxide geologic storage facility; and a gathering, transmission, or distribution pipeline that will transport crude oil or natural gas, including natural gas liquids, prior to refining of such oil or the use of the natural gas in any manufacturing process or as a residential or industrial fuel.

Where required by federal law, discharges of stormwater associated with construction activities under the RRC's jurisdiction must be authorized by the EPA and the RRC, as applicable. Activities under RRC jurisdiction include construction of a facility that, when completed, would be associated with the exploration, development, or production of oil or gas or geothermal resources, such as a well site; treatment or storage facility; underground hydrocarbon or natural gas storage facility; reclamation plant; gas processing facility; compressor station; terminal facility where crude oil is stored prior to refining and at which refined products are stored solely for use at the facility; a carbon dioxide geologic storage facility under the jurisdiction of the RRC; and a gathering, transmission, or distribution pipeline that will transport crude oil or natural gas, including natural gas liquids, prior to refining of such oil or the use of the natural gas in any manufacturing process or as a residential or industrial fuel. The RRC also has jurisdiction over stormwater from land disturbance associated with a site survey that is conducted prior to construction of a facility that would be regulated by the RRC. Under 33 U.S.C. §1342(l)(2) and §1362(24), EPA cannot require a permit for discharges of stormwater from field activities or operations associated with {oil and gas} exploration, production, processing, or treatment operations, or transmission facilities, including activities necessary to prepare a site for drilling and for the movement and placement of drilling equipment, whether or not such field activities or operations may be considered to be construction activities unless the discharge is contaminated by contact with any overburden, raw material, intermediate product, finished product, byproduct, or waste product located on the site of the facility. Under §3.8 of this title (relating to Water Protection), the RRC prohibits operators from causing or allowing pollution of surface or subsurface water. Operators are encouraged to implement and maintain best management practices (BMPs) to minimize discharges of pollutants, including sediment, in stormwater during construction activities to help ensure protection of surface water quality during storm events.

For more information about the jurisdictions of the RRC and the TCEQ, read the Memorandum of Understanding (MOU) between the RRC and TCEQ at 16 Texas Administrative Code, Part 1, Chapter 3, Rule 3.30, by entering the following link into an internet browser: http://texreg.sos.state.tx.us/public/readtac$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=16&pt=1&ch=3&rl=30 or contact the TCEQ Stormwater Team at 512-239-4671 for additional information.

c) Primary Standard Industrial Classification (SIC) Code

Provide the SIC Code that best describes the construction activity being conducted at this site.

Common SIC Codes related to construction activities include:

- 1521 - Construction of Single Family Homes
- 1522 - Construction of Residential Buildings Other than Single Family Homes
- 1541 - Construction of Industrial Buildings and Warehouses
- 1542 - Construction of Non-residential Buildings, other than Industrial Buildings and Warehouses
- 1611 - Highway and Street Construction, except Highway Construction
- 1622 - Bridge, Tunnel, and Elevated Highway Construction
- 1623 - Water, Sewer, Pipeline and Communications, and Power Line Construction

For help with SIC Codes, enter the following link into your internet browser: http://www.osha.gov/pls/imis/sicsearch.html or you can contact the TCEQ Small Business and Local Government Assistance Section at 800-447-2827 for assistance.

d) Secondary SIC Code

Secondary SIC Code(s) may be provided. Leave this blank if not applicable. For help with SIC Codes, enter the following link into your internet browser: http://www.osha.gov/pls/imis/sicsearch.html or you can contact the TCEQ Small Business and Environmental Assistance Section at 800-447-2827 for assistance.

e) Total Number of Acres Disturbed

Provide the approximate number of acres that the construction site will disturb. Construction activities that disturb less than one acre, unless they are part of a larger common plan that disturbs more than one acre, do not require permit coverage. Construction activities that disturb between one and five acres, unless they are part of a common plan that disturbs more than five acres, do not require submission of an NOI. Therefore, the estimated area of land disturbed should not be less than five, unless the project is part of a larger common plan that disturbs five or more acres. Disturbed means any clearing, grading, excavating, or other similar activities.

If you have any questions about this item, please contact the stormwater technical staff by phone at 512-239-4671 or by email at swgp@tceq.texas.gov.

f) Common Plan of Development

Construction activities that disturb less than five acres do not require submission of an NOI unless they are part of a common plan of development or for sale where the area disturbed is five or more acres. Therefore, the estimated area of land disturbed should not be less than five, unless the project is part of a larger common plan that disturbs five or more acres. Disturbed means any clearing, grading, excavating, or other similar activities.

For more information on what a common plan of development is, refer to the definition of "Common Plan of Development" in the Definitions section of the general permit or enter the following link into your internet browser: www.tceq.texas.gov/permitting/stormwater/common_plan_of_development_steps.html

For further information, go to the TCEQ stormwater construction webpage enter the following link into your internet browser: www.tceq.texas.gov/goto/construction and search for "Additional Guidance and Quick Links". If you have any further questions about the Common Plan of Development you can contact the TCEQ Stormwater Team at 512-239-4671 or the TCEQ Small Business and Environmental Assistance at 800-447-2827.

g) Estimated Start Date of the Project

This is the date that any construction activity or construction support activity is initiated at the site. If renewing the permit provide the original start date of when construction activity for this project began.

h) Estimated End Date of the Project

This is the date that any construction activity or construction support activity will end and final stabilization will be achieved at the site.

i) Will concrete truck washout be performed at the site?

Indicate if you expect that operators of concrete trucks will washout concrete trucks at the construction site.

j) Identify the water body(s) receiving stormwater runoff

The stormwater may be discharged directly to a receiving stream or through a MS4 from your site. It eventually reaches a receiving water body such as a local stream or lake, possibly via a drainage ditch. You must provide the name of the water body that receives the discharge from the site (a local stream or lake).

If your site has more than one outfall you need to include the name of the first water body for each outfall, if they are different.

k) Identify the segment number(s) of the classified water body(s)

Identify the classified segment number(s) receiving a discharge directly or indirectly. Enter the following link into your internet browser to find the segment number of the classified water body where stormwater will flow from the site: www.tceq.texas.gov/waterquality/monitoring/viewer.html or by contacting the TCEQ Water Quality Division at (512) 239-4671 for assistance.

You may also find the segment number in TCEQ publication GI-316 by entering the following link into your internet browser: www.tceq.texas.gov/publications/gi/gi-316 or by contacting the TCEQ Water Quality Division at (512) 239-4671 for assistance.

If the discharge is into an unclassified receiving water and then crosses state lines prior to entering a classified segment, select the appropriate watershed:

- 0100 (Canadian River Basin)
- 0200 (Red River Basin)
- 0300 (Sulfur River Basin)
- 0400 (Cypress Creek Basin)
- 0500 (Sabine River Basin)

Call the Water Quality Assessments section at 512-239-4671 for further assistance.

l) Discharge into MS4 – Identify the MS4 Operator

The discharge may initially be into a municipal separate storm sewer system (MS4). If the stormwater discharge is into an MS4, provide the name of the entity that operates the MS4 where the stormwater discharges. An MS4 operator is often a city, town, county, or utility district, but possibly can be another form of government. Please note that the Construction General Permit requires the Operator to supply the MS4 with a copy of the NOI submitted to TCEQ. For assistance, you may call the technical staff at 512-239-4671.

m) Discharges to the Edwards Aquifer Recharge Zone and Certification

The general permit requires the approved Contributing Zone Plan or Water Pollution Abatement Plan to be included or referenced as a part of the Stormwater Pollution Prevention Plan.

See maps on the TCEQ website to determine if the site is located within the Recharge Zone, Contributing Zone, or Contributing Zone within the Transition Zone of the Edwards Aquifer by entering the following link into an internet browser: www.tceq.texas.gov/field/eapp/viewer.html or by contacting the TCEQ Water Quality Division at 512-239-4671 for assistance.

If the discharge or potential discharge is within the Recharge Zone, Contributing Zone, or Contributing Zone within the Transition Zone of the Edwards Aquifer, a site-specific authorization approved by the Executive Director under the Edwards Aquifer Protection Program (30 TAC Chapter 213) is required before construction can begin.

For questions regarding the Edwards Aquifer Protection Program, contact the appropriate TCEQ Regional Office. For projects in Hays, Travis and Williamson Counties: Austin Regional Office, 12100 Park 35 Circle, Austin, TX 78753, 512-339-2929. For Projects in Bexar, Comal, Kinney, Medina and Uvalde Counties: TCEQ San Antonio Regional Office, 14250 Judson Rd., San Antonio, TX 78233-4480, 210-490-3096.

Section 5. NOI CERTIFICATION

Note: Failure to indicate Yes to all of the certification items may result in denial of coverage under the general permit.

a) Certification of Understanding the Terms and Conditions of Construction General Permit (TXR150000)

Provisional coverage under the Construction General Permit (TXR150000) begins 7 days after the completed paper NOI is postmarked for delivery to the TCEQ. Electronic applications submitted through ePermits have immediate provisional coverage. You must obtain a copy and read the Construction General Permit before submitting your application. You may view and print the Construction General Permit for which you are seeking coverage at the TCEQ web site by entering the following link into an internet browser: www.tceq.texas.gov/goto/construction or you may contact the TCEQ Stormwater processing Center at 512-239-3700 for assistance.

b) Certification of Legal Name

The full legal name of the applicant as authorized to do business in Texas is required. The name must be provided exactly as filed with the Texas Secretary of State (SOS), or

on other legal documents forming the entity, that is filed in the county where doing business. You may contact the SOS at 512-463 5555, for more information related to filing in Texas.

c) Understanding of Notice of Termination

A permittee shall terminate coverage under the Construction General Permit through the submittal of a NOT when the operator of the facility changes, final stabilization has been reached, the discharge becomes authorized under an individual permit, or the construction activity never began at this site.

d) Certification of Stormwater Pollution Prevention Plan

The SWP3 identifies the areas and activities that could produce contaminated runoff at your site and then tells how you will ensure that this contamination is mitigated. For example, in describing your mitigation measures, your site's plan might identify the devices that collect and filter stormwater, tell how those devices are to be maintained, and tell how frequently that maintenance is to be carried out. You must develop this plan in accordance with the TCEQ general permit requirements. This plan must be developed and implemented before you complete this NOI. The SWP3 must be available for a TCEQ investigator to review on request.

Section 6. APPLICANT CERTIFICATION SIGNATURE

The certification must bear an original signature of a person meeting the signatory requirements specified under 30 Texas Administrative Code (TAC) §305.44.

If you are a corporation:

The regulation that controls who may sign an NOI or similar form is 30 Texas Administrative Code §305.44(a)(1) (see below). According to this code provision, any corporate representative may sign an NOI or similar form so long as the authority to sign such a document has been delegated to that person in accordance with corporate procedures. By signing the NOI or similar form, you are certifying that such authority has been delegated to you. The TCEQ may request documentation evidencing such authority.

If you are a municipality or other government entity:

The regulation that controls who may sign an NOI or similar form is 30 Texas Administrative Code §305.44(a)(3) (see below). According to this code provision, only a ranking elected official or principal executive officer may sign an NOI or similar form. Persons such as the City Mayor or County Commissioner will be considered ranking elected officials. In order to identify the principal executive officer of your government entity, it may be beneficial to consult your city charter, county or city ordinances, or the Texas statute(s) under which your government entity was formed. An NOI or similar document that is signed by a government official who is not a ranking elected official or principal executive officer does not conform to §305.44(a)(3). The signatory requirement may not be delegated to a government representative other than those identified in the regulation. By signing the NOI or similar form, you are certifying that you are either a ranking elected official or principal executive officer as required by the administrative code. Documentation demonstrating your position as a ranking elected official or principal executive officer may be requested by the TCEQ.

If you have any questions or need additional information concerning the signatory requirements discussed above, please contact the TCEQ's Environmental Law Division at 512-239-0600.

30 Texas Administrative Code

§305.44. Signatories to Applications

(a) All applications shall be signed as follows.

(1) For a corporation, the application shall be signed by a responsible corporate officer. For purposes of this paragraph, a responsible corporate officer means a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the

corporation; or the manager of one or more manufacturing, production, or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding $25 million (in second-quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures. Corporate procedures governing authority to sign permit or post-closure order applications may provide for assignment or delegation to applicable corporate positions rather than to specific individuals.

(2) For a partnership or sole proprietorship, the application shall be signed by a general partner or the proprietor, respectively.

(3) For a municipality, state, federal, or other public agency, the application shall be signed by either a principal executive officer or a ranking elected official. For purposes of this paragraph, a principal executive officer of a federal agency includes the chief executive officer of the agency, or a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., regional administrator of the EPA).

Texas Commission on Environmental Quality
General Permit Payment Submittal Form

Use this form to submit your Application Fee only if you are mailing your payment.

Instructions:

- Complete items 1 through 5 below:
- Staple your check in the space provided at the bottom of this document.
- *Do not mail this form with your NOI form.*
- *Do not mail this form to the same address as your NOI.*

Mail this form and your check to either of the following:

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

By Overnight or Express Mail
Texas Commission on Environmental Quality
Financial Administration Division
Cashier's Office, MC-214
12100 Park 35 Circle
Austin, TX 78753

Fee Code: GPA General Permit: TXR150000

1. Check or Money Order No: Click here to enter text
2. Amount of Check/Money Order: Click here to enter text
3. Date of Check or Money Order: Click here to enter text
4. Name on Check or Money Order: Click here to enter text
5. NOI Information:

   If the check is for more than one NOI, list each Project or Site (RE) Name and Physical Address exactly as provided on the NOI. **Do not submit a copy of the NOI with this form, as it could cause duplicate permit application entries!**

   If there is not enough space on the form to list all of the projects or sites the authorization will cover, then attach a list of the additional sites.

   Project/Site (RE) Name: Click here to enter text

   Project/Site (RE) Physical Address: Click here to enter text

Staple the check or money order to this form in this space.

AGENT AUTHORIZATION FORM (TCEQ-0599)

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

I Jay Hanna,
Print Name

President,
Title - Owner/President/Other

of HM 6 Creeks Development, Inc.,
Corporation/Partnership/Entity Name

have authorized **Pape-Dawson Engineers, Inc.**
Print Name of Agent/Engineer

of **Pape-Dawson Engineers, 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:

Applicant's Signature

7.10.24
Date

THE STATE OF Texas §

County of Travis §

BEFORE ME, the undersigned authority, on this day personally appeared Jay+Hanna 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 10th day of July, 2024

NOTARY PUBLIC

NANCY MADDEX
Notary Public, State of Texas
Comm. Expires 04-18-2028
Notary ID 134859401

nmaddex
Typed or Printed Name of Notary

MY COMMISSION EXPIRES: 04/18/2028

APPLICATION FEE FORM (TCEQ-0574)

Application Fee Form

Texas Commission on Environmental Quality

Name of Proposed Regulated Entity: 6 Creeks - Phase 1, Section 18A1 & 19

Regulated Entity Location: 3,661 ft. NW of Six Creeks Blvd. and Old Stagecoach Rd, Kyle, TX

Name of Customer: HM 6 Creeks Development, Inc.

Contact Person: Jay Hanna Phone: 512-481-0303

Customer Reference Number (if issued):CN 605820752

Regulated Entity Reference Number (if issued):RN _____

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

☐ Mailed to: TCEQ - Cashier
Revenues Section
Mail Code 214
P.O. Box 13088
Austin, TX 78711-3088

☐ San Antonio Regional Office

☐ Overnight Delivery to: TCEQ - Cashier
12100 Park 35 Circle
Building A, 3rd Floor
Austin, TX 78753
(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	44.8-acre out of 99.691 Acres	$ 6,500
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	Each	$
Extension of Time	Each	$

Signature: _____

Date: 07/12/2024

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

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

Organized Sewage Collection Systems and Modifications

Project	*Cost per Linear Foot*	*Minimum Fee-Maximum Fee*
Sewage Collection Systems	$0.50	$650 - $6,500

Underground and Aboveground Storage Tank System Facility Plans and Modifications

Project	*Cost per Tank or Piping System*	*Minimum Fee-Maximum Fee*
Underground and Aboveground Storage Tank Facility	$650	$650 - $6,500

Exception Requests

Project	*Fee*
Exception Request	$500

Extension of Time Requests

Project	***Fee***
Extension of Time Request	$150

CORE DATA FORM
(TCEQ-10400)

TCEQ Use Only

TCEQ Core Data Form

For detailed instructions regarding completion of 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.*)

☒ New Permit, Registration or Authorization (*Core Data Form should be submitted with the program application.*)

☐ Renewal (*Core Data Form should be submitted with the renewal form*) ☐ 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 110058690		RN

SECTION II: Customer Information

4. General Customer Information | **5. Effective Date for Customer Information Updates** (mm/dd/yyyy)

☐ New Customer ☐ Update to Customer Information ☐ Change in Regulated Entity Ownership
☐ Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)

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).

6. Customer Legal Name (*If an individual, print last name first: eg: Doe, John*) *If new Customer, enter previous Customer below:*

HM 6 Creeks Developmnet, Inc.

7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number (*if applicable*)
803745132	32076568681	85-2823167	

11. Type of Customer: ☒ Corporation ☐ Individual Partnership: ☐ General ☐ Limited
Government: ☐ City ☐ County ☐ Federal ☐ State ☐ Other ☐ Sole Proprietorship ☐ Other:

12. Number of Employees
☒ 0-20 ☐ 21-100 ☐ 101-250 ☐ 251-500 ☐ 501 and higher

13. Independently Owned and Operated?
☒ Yes ☐ No

14. Customer Role (Proposed or Actual) – *as it relates to the Regulated Entity listed on this form. Please check one of the following*

☒ Owner ☐ Operator ☐ Owner & Operator
☐ Occupational Licensee ☐ Responsible Party ☐ Voluntary Cleanup Applicant ☐ Other:

15. Mailing Address:

2901 Bee Caves Road, Suite F

City	Austin	State	TX	ZIP	78746	ZIP + 4	

16. Country Mailing Information (*if outside USA*)	17. E-Mail Address (*if applicable*)

18. Telephone Number	19. Extension or Code	20. Fax Number (*if applicable*)
(512) 481-0303		(512) 481-0333

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (*If 'New Regulated Entity" is selected below this form should be accompanied by a permit application*)

☐ 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 Agency 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.*)

6 Creeks-Phase 1, Section 18A1 & 19

23. Street Address of the Regulated Entity: *(No PO Boxes)*							
	City	Kyle	**State**	TX	**ZIP**	78640	**ZIP + 4**
24. County							

Enter Physical Location Description if no street address is provided.

25. Description to Physical Location:	3,661 ft NW of Six Creeks Blvd. and Old Stagecoach Rd intersection.

26. Nearest City	**State**	**Nearest ZIP Code**
Kyle	TX	78640

27. Latitude (N) In Decimal:	30.0147	**28. Longitude (W) In Decimal:**	-97.9065

Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
30	0	52.92	97	54	23.41

29. Primary SIC Code (4 digits)	**30. Secondary SIC Code** (4 digits)	**31. Primary NAICS Code** (5 or 6 digits)	**32. Secondary NAICS Code** (5 or 6 digits)
1521	1611	236115	237310

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

Construction of one (1) phase of single-family residential and amenity center

34. Mailing Address:	**2901 Bee Caves Road, Suite F**						
	City	**Austin**	**State**	**TX**	**ZIP**	**78746**	**ZIP + 4**

35. E-Mail Address:	**jay@jayhanna.com**

36. Telephone Number	**37. Extension or Code**	**38. Fax Number** *(if applicable)*
(512) 481-303		**(512) 481-333**

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.

☐ Dam Safety	☐ Districts	☒ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☐ Waste Water	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:

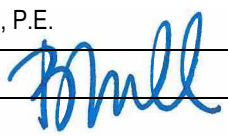
SECTION IV: Preparer Information

40. Name:	Becky Carroll, P.E.	**41. Title:**	Vice President

42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
(210) 375-9000		(210) 375-9010	jharrington@pape-dawson.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:	Pape-Dawson Engineers	**Job Title:**	Vice President
Name *(In Print):*	Becky Carroll, P.E.	**Phone:**	(210) 375- **9000**
Signature:		**Date:**	

POLLUTANT LOAD AND REMOVAL CALCULATIONS

6 CREEKS-PHASE 1, SECTION 18A1 & 19									
WATERSHED	SUB-WATERSHED*	SUB-WATERSHED AREA (AC)	WATERSHED TOTAL (AC)	PROPOSED IMPERVIOUS COVER TREATED BY VFS (AC)	PROPOSED IMPERVIOUS COVER TREATED BY BASIN (AC)	TOTAL PROPOSED IMPERVIOUS COVER (AC)	BMP	REQUIRED TSS REMOVAL (LBS./YR)	DESIGNED TSS REMOVAL (LBS./YR)
BA-S			29.51		14.6	14.6	PROPOSED BATCH DETENTION BASIN S	13,105	13,947
A			1.52	0.91		0.91	PROPOSED 15' ENGINEERED VFS #1	817	892
	B	2.17		1.30		1.30	PROPOSED 15' ENGINEERED VFS #2	1,167	1,275
C			2.55	1.53		1.53	PROPOSED 15' ENGINEERED VFS #3	1,373	1,500
D			0.74	0.45		0.45	PROPOSED 15' ENGINEERED VFS #4	404	441
E			3.48	2.09		2.09	PROPOSED 15' ENGINEERED VFS #5	1,876	2,049
OT-1			0.24			0.14	OVERTREATMENT 1	126	
OT-2			0.75			0.75	OVERTREATMENT 2	673	
OT-3			0.75			0.60	OVERTREATMENT 3	539	
TOTAL		2.17	39.54	6.28	14.60	22.37		20,080	20,104

Texas Commission on Environmental Quality

TSS Removal Calculations 04-20-2009

Project Name: 6 Creeks-Phase 1, Section 18A1 & 1
Date Prepared: 8/19/2024

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 =	Hays	
Total project area included in plan * =	44.80	acres
Predevelopment impervious area within the limits of the plan * =	0.00	acres
Total post-development impervious area within the limits of the plan * =	22.37	acres
Total post-development impervious cover fraction * =	0.50	
P =	33	inches
$L_{M\ TOTAL\ PROJECT}$ =	20079	lbs.

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

Number of drainage basins / outfalls areas leaving the plan area = 1

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

Drainage Basin/Outfall Area No. = Basin S

Total drainage basin/outfall area =	29.50	acres
Predevelopment impervious area within drainage basin/outfall area =	0.00	acres
Post-development impervious area within drainage basin/outfall area =	14.60	acres
Post-development impervious fraction within drainage basin/outfall area =	0.49	
$L_{M\ THIS\ BASIN}$ =	13105	lbs.

3. Indicate the proposed BMP Code for this basin.

Proposed BMP = Extended Detention
Removal efficiency = 91 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 =	29.50	acres
A_I =	14.60	acres
A_P =	14.90	acres
L_R =	15412	lbs

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

Desired $L_{M\ THIS\ BASIN}$ = 13947 lbs.

F = 0.90

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 =	1.70	inches
Post Development Runoff Coefficient =	0.35	
On-site Water Quality Volume =	64575	cubic feet

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

Off-site area draining to BMP =	0.58	acres
Off-site Impervious cover draining to BMP =	0.11	acres
Impervious fraction of off-site area =	0.19	
Off-site Runoff Coefficient =	0.19	
Off-site Water Quality Volume =	695	cubic feet
Storage for Sediment =	13054	
Total Capture Volume (required water quality volume(s) x 1.20) =	78323	cubic feet

Texas Commission on Environmental Quality

TSS Removal Calculations 04-20-2009

Project Name: 6 Creeks-Phase 1, Section 18A1 & 19
Date Prepared: 7/15/2024

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 =	Hays	
Total project area included in plan * =	44.80	acres
Predevelopment impervious area within the limits of the plan* =	0.00	acres
Total post-development impervious area within the limits of the plan* =	22.37	acres
Total post-development impervious cover fraction * =	0.50	
P =	33	inches
$L_{M\ TOTAL\ PROJECT}$ =	20079	lbs.

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

Number of drainage basins / outfalls areas leaving the plan area = 1

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

Drainage Basin/Outfall Area No. = VFS-A

Total drainage basin/outfall area =	1.52	acres
Predevelopment impervious area within drainage basin/outfall area=	0.00	acres
Post-development impervious area within drainage basin/outfall area=	0.91	acres
Post-development impervious fraction within drainage basin/outfall area=	0.60	
$L_{M\ THIS\ BASIN}$ =	817	lbs.

3. Indicate the proposed BMP Code for this basin.

Proposed BMP = Vegetated Filter Strips
Removal efficiency = 85 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 =	1.52	acres
A_I =	0.91	acres
A_P =	0.61	acres
L_R =	892	lbs

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

Desired $L_{M\ THIS\ BASIN}$ = 892 lbs.

F = 1.00

Texas Commission on Environmental Quality

TSS Removal Calculations 04-20-2009

Project Name: 6 Creeks-Phase 1, Section 18A1 & 19
Date Prepared: 7/15/2024

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 =	Hays	
Total project area included in plan * =	44.80	acres
Predevelopment impervious area within the limits of the plan* =	0.00	acres
Total post-development impervious area within the limits of the plan* =	22.37	acres
Total post-development impervious cover fraction * =	0.50	
P =	33	inches
$L_{M\ TOTAL\ PROJECT}$ =	20079	lbs.

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

Number of drainage basins / outfalls areas leaving the plan area = 1

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

Drainage Basin/Outfall Area No. = VFS B

Total drainage basin/outfall area =	2.17	acres
Predevelopment impervious area within drainage basin/outfall area=	0.00	acres
Post-development impervious area within drainage basin/outfall area=	1.30	acres
Post-development impervious fraction within drainage basin/outfall area=	0.60	
$L_{M\ THIS\ BASIN}$ =	1167	lbs.

3. Indicate the proposed BMP Code for this basin.

Proposed BMP = Vegetated Filter Strips
Removal efficiency = 85 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 =	2.17	acres
A_I =	1.30	acres
A_P =	0.87	acres
L_R =	1275	lbs

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

Desired $L_{M\ THIS\ BASIN}$ = 1275 lbs.

F = 1.00

Texas Commission on Environmental Quality

TSS Removal Calculations 04-20-2009

Project Name: 6 Creeks-Phase 1, Section 18A1 & 19
Date Prepared: 7/15/2024

Additional information is provided for cells with a red triangle in the upper right corner. Place the cursor over the cell
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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 =	Hays	
Total project area included in plan * =	44.80	acres
Predevelopment impervious area within the limits of the plan * =	0.00	acres
Total post-development impervious area within the limits of the plan * =	22.37	acres
Total post-development impervious cover fraction * =	0.50	
P =	33	inches
$L_{M\ TOTAL\ PROJECT}$ =	20079	lbs.

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

Number of drainage basins / outfalls areas leaving the plan area = 1

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

Drainage Basin/Outfall Area No. = VFS C

Total drainage basin/outfall area =	2.55	acres
Predevelopment impervious area within drainage basin/outfall area =	0.00	acres
Post-development impervious area within drainage basin/outfall area =	1.53	acres
Post-development impervious fraction within drainage basin/outfall area =	0.60	
$L_{M\ THIS\ BASIN}$ =	1373	lbs.

3. Indicate the proposed BMP Code for this basin.

Proposed BMP = Vegetated Filter Strips
Removal efficiency = 85 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:

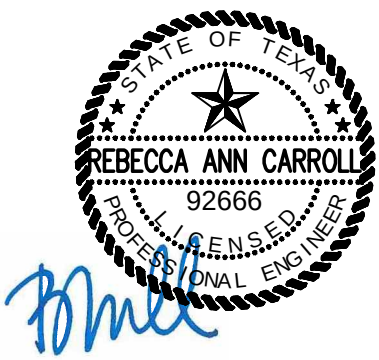
A_C = Total On-Site drainage area in the BMP catchment area
A_I = Impervious area proposed in the BMP catchment area
A_P = Pervious area remaining in the BMP catchment area
L_R = TSS Load removed from this catchment area by the proposed BMP

A_C =	2.55	acres
A_I =	1.53	acres
A_P =	1.02	acres
L_R =	1500	lbs

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

Desired $L_{M\ THIS\ BASIN}$ = 1500 lbs.

F = 1.00



Texas Commission on Environmental Quality

TSS Removal Calculations 04-20-2009

Project Name: 6 Creeks-Phase 1, Section 18A1 & 19
Date Prepared: 7/15/2024

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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 =	Hays	
Total project area included in plan * =	44.80	acres
Predevelopment impervious area within the limits of the plan* =	0.00	acres
Total post-development impervious area within the limits of the plan* =	22.37	acres
Total post-development impervious cover fraction * =	0.50	
P =	33	inches
$L_{M\ TOTAL\ PROJECT}$ =	20079	lbs.

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

Number of drainage basins / outfalls areas leaving the plan area = 1

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

Drainage Basin/Outfall Area No. = VFS D

Total drainage basin/outfall area =	0.74	acres
Predevelopment impervious area within drainage basin/outfall area=	0.00	acres
Post-development impervious area within drainage basin/outfall area=	0.45	acres
Post-development impervious fraction within drainage basin/outfall area=	0.61	
$L_{M\ THIS\ BASIN}$ =	404	lbs.

3. Indicate the proposed BMP Code for this basin.

Proposed BMP = Vegetated Filter Strips
Removal efficiency = 85 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 =	0.74	acres
A_I =	0.45	acres
A_P =	0.29	acres
L_R =	441	lbs

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

Desired $L_{M\ THIS\ BASIN}$ = 441 lbs.

F = 1.00

Texas Commission on Environmental Quality

TSS Removal Calculations 04-20-2009

Project Name: 6 Creeks-Phase 1, Section 18A1 & 19
Date Prepared: 7/15/2024

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where:

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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 =	Hays	
Total project area included in plan * =	44.80	acres
Predevelopment impervious area within the limits of the plan * =	0.00	acres
Total post-development impervious area within the limits of the plan * =	22.37	acres
Total post-development impervious cover fraction * =	0.50	
P =	33	inches
$L_{M\ TOTAL\ PROJECT}$ =	20079	lbs.

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

Number of drainage basins / outfalls areas leaving the plan area = 1

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

Drainage Basin/Outfall Area No. = VFS E

Total drainage basin/outfall area =	3.48	acres
Predevelopment impervious area within drainage basin/outfall area =	0.00	acres
Post-development impervious area within drainage basin/outfall area =	2.09	acres
Post-development impervious fraction within drainage basin/outfall area =	0.60	
$L_{M\ THIS\ BASIN}$ =	1876	lbs.

3. Indicate the proposed BMP Code for this basin.

Proposed BMP = Vegetated Filter Strips
Removal efficiency = 85 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 =	3.48	acres
A_I =	2.09	acres
A_P =	1.39	acres
L_R =	2049	lbs

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

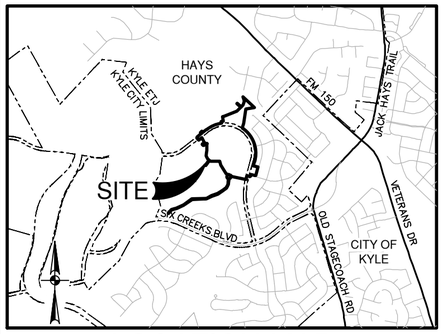
Desired $L_{M\ THIS\ BASIN}$ = 2049 lbs.

F = 1.00

EXHIBITS

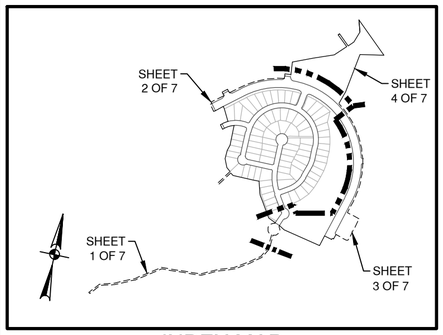
FINAL PLAT OF
6 CREEKS-PHASE 1, SECTION 15

A TOTAL OF 46.923 ACRES, CONSISTING OF A 45.768 ACRE TRACT OUT OF THE 608.70 ACRE TRACT DESCRIBED IN DEED TO HM 6 CREEKS DEVELOPMENT, INC., RECORDED IN DOCUMENT NO. 22044745, IN THE OFFICIAL PUBLIC RECORDS OF HAYS COUNTY, TEXAS, AND A TOTAL OF 1.155 ACRES OF OFFSITE EASEMENTS ON SAID 608.70 ACRE TRACT, OUT OF THE SAMUEL L. PHARASS ¼ LEAGUE, SURVEY NO. 14, ABSTRACT 360, AND CALEB W. BAKER SURVEY, ABSTRACT 31, HAYS COUNTY, TEXAS.



LOCATION MAP

SCALE: 1" = 3000'



INDEX MAP

NOT-TO-SCALE

LEGEND

BLK	BLOCK	PR	OFFICIAL PLAT RECORDS OF HAYS COUNTY, TEXAS
CFN	CLERK FILE NUMBER	OPR	OFFICIAL PUBLIC RECORDS OF HAYS COUNTY, TEXAS
DOC NO	DOCUMENT NUMBER	ROW	RIGHT-OF-WAY
ETJ	EXTRATERRITORIAL JURISDICTION		
FEMA	FEDERAL EMERGENCY MANAGEMENT AGENCY		SET 1/2" IRON ROD (PD)
			SET 1/2" IRON ROD (PD)-ROW
	EASEMENT POINT OF INTERSECTION	(SURVEYOR)	FOUND 1/2" IRON ROD (PD UNLESS NOTED OTHERWISE)

- HAYS COUNTY BEST AVAILABLE FLOODPLAIN
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- CENTERLINE
- CITY OF KYLE CITY LIMITS
- APPROXIMATE SURVEY LINE (NOT FIELD LOCATED)

6 VARIABLE WIDTH CLEAR VISION EASEMENT

11 15' MUNICIPAL UTILITY EASEMENT

12 15' MUNICIPAL UTILITY EASEMENT ("OFF-LOT")

13 15' MUNICIPAL UTILITY AND SIDEWALK EASEMENT

14 15' MUNICIPAL UTILITY AND SIDEWALK EASEMENT ("OFF-LOT")

15 15' DRAINAGE EASEMENT

16 15' DRAINAGE EASEMENT ("OFF-LOT")

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18 50'X20' MUNICIPAL UTILITY EASEMENT TO EXPIRE UPON INCORPORATION INTO PLATTED PUBLIC STREET ROW ("OFF-LOT")

19 80'X20' MUNICIPAL UTILITY EASEMENT TO EXPIRE UPON INCORPORATION INTO PLATTED PUBLIC STREET ROW ("OFF-LOT")

20 VARIABLE WIDTH MUNICIPAL UTILITY EASEMENT TO EXPIRE UPON INCORPORATION INTO PLATTED PUBLIC STREET ROW ("OFF-LOT")

21 150' x 250' DRAINAGE EASEMENT

1 20' ELECTRIC UTILITY EASEMENT (DOC NO 23021077, PR)

2 15' MUNICIPAL UTILITY EASEMENT (DOC NO 23021078, PR)

3 15' SANITARY SEWER EASEMENT ("OFF-LOT") (DOC NO 22052844, PR)

4 15' MUNICIPAL UTILITY AND SIDEWALK EASEMENT (6 CREEKS-PHASE 1, SECTION 14A1)

5 15' MUNICIPAL UTILITY AND SIDEWALK EASEMENT ("OFF-LOT") (6 CREEKS-PHASE 1, SECTION 14A1)

6 15' WATER EASEMENT (6 CREEKS-PHASE 1, SECTION 14B2)

7 15' MUNICIPAL UTILITY EASEMENT (6 CREEKS-PHASE 1, SECTION 14B2)

8 VARIABLE WIDTH CLEAR VISION EASEMENT (6 CREEKS-PHASE 1, SECTION 14B2)

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17 10' WATER EASEMENT ("OFF-LOT") (DOC NO 22052845, PR)

18 VARIABLE WIDTH DRAINAGE EASEMENT ("OFF-LOT") (DOC NO 22052844, PR)

13 25' DRAINAGE EASEMENT (VOL 7, PG 47-49, OPR)

14 50' DRAINAGE EASEMENT (VOL 7, PG 47-49, OPR)

1 FEMA EFFECTIVE 1% ANNUAL CHANCE (100 YEAR) FLOODPLAIN PER PANEL NO 48029C0345F

2 CITY OF KYLE

3 LOT 1, BLOCK B OPEN SPACE (0.499 ACRES)

4 LOT 18, BLOCK D OPEN SPACE AND DRAINAGE EASEMENT (0.137 ACRES)

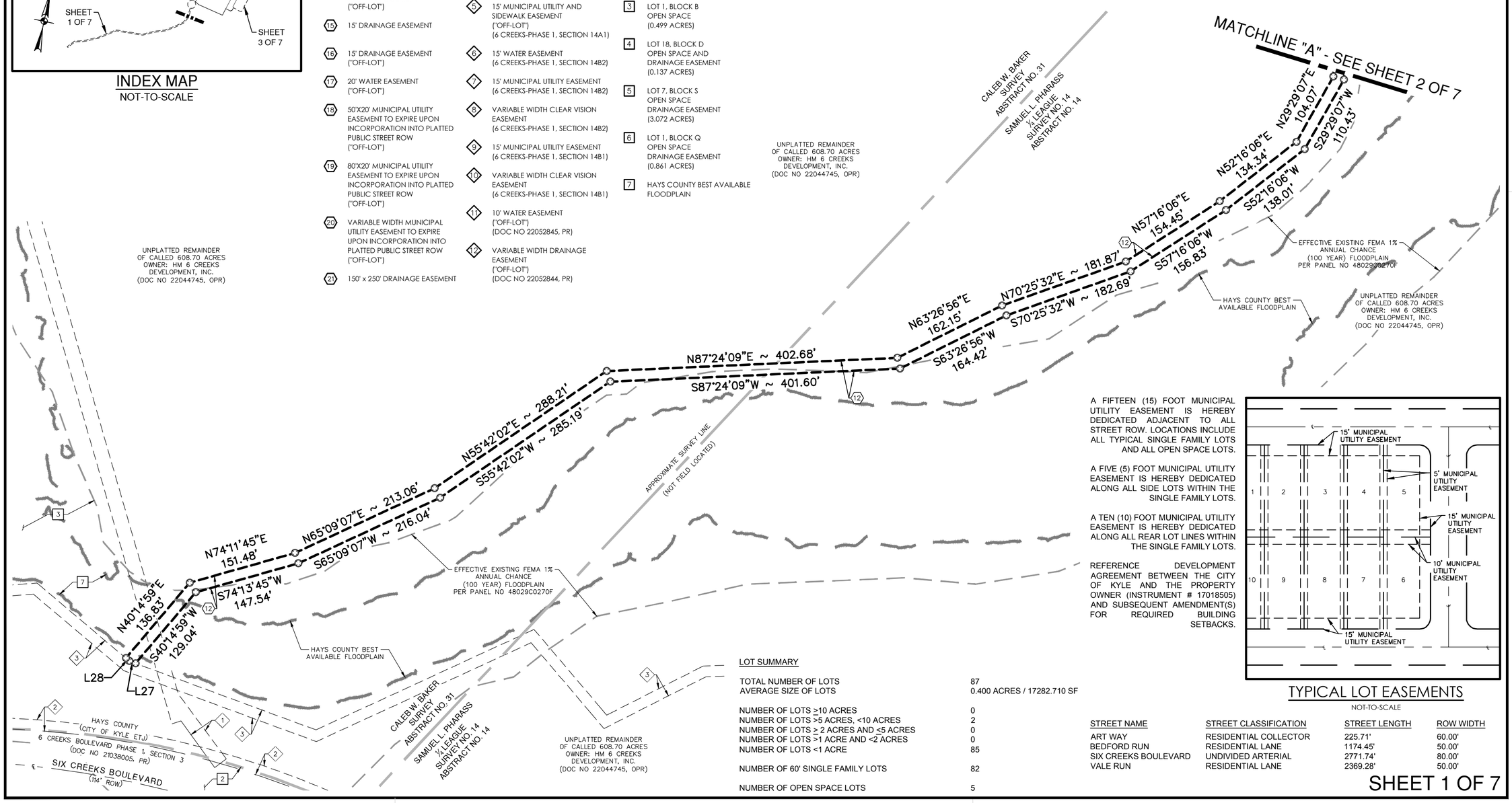
5 LOT 7, BLOCK S OPEN SPACE DRAINAGE EASEMENT (3.072 ACRES)

6 LOT 1, BLOCK Q OPEN SPACE DRAINAGE EASEMENT (0.861 ACRES)

7 HAYS COUNTY BEST AVAILABLE FLOODPLAIN

SCALE: 1"= 100'

100' 0' 50' 100'



PAPE-DAWSON ENGINEERS

2000 NW LOOP 410 I SAN ANTONIO, TX 78213 I 210.375.9000

TEXAS ENGINEERING FIRM #470 I TEXAS SURVEYING FIRM #10028800

DATE OF PREPARATION: November 5, 2024

OWNER/DEVELOPER:
HM 6 CREEKS DEVELOPMENT, INC.
2901 BEE CAVES ROAD, SUITE F
AUSTIN, TEXAS 78746
(512) 481-0303 P
(512) 481-0333 F

ACREAGE: 46.923 ACRES

SURVEY: SAMUEL PHARASS 1/4 LEAGUE
SURVEY NO. 14
ABSTRACT 360

CALEB W BAKER
SURVEY NO. 15
ABSTRACT 31

TOTAL PROPOSED LOTS:	87
SINGLE FAMILY RESIDENTIAL:	82
OPEN SPACE:	5

SURVEY: March 17, 2023

ENGINEER & SURVEYOR:
PAPE-DAWSON ENGINEERS, INC.
2000 NW LOOP 410
SAN ANTONIO, TX 78213
(210) 375-9000 P
(210) 375-9010 F

A FIFTEEN (15) FOOT MUNICIPAL UTILITY EASEMENT IS HEREBY DEDICATED ADJACENT TO ALL STREET ROW. LOCATIONS INCLUDE ALL TYPICAL SINGLE FAMILY LOTS AND ALL OPEN SPACE LOTS.

A FIVE (5) FOOT MUNICIPAL UTILITY EASEMENT IS HEREBY DEDICATED ALONG ALL SIDE LOTS WITHIN THE SINGLE FAMILY LOTS.

A TEN (10) FOOT MUNICIPAL UTILITY EASEMENT IS HEREBY DEDICATED ALONG ALL REAR LOT LINES WITHIN THE SINGLE FAMILY LOTS.

REFERENCE DEVELOPMENT AGREEMENT BETWEEN THE CITY OF KYLE AND THE PROPERTY OWNER (INSTRUMENT # 17018505) AND SUBSEQUENT AMENDMENT(S) FOR REQUIRED BUILDING SETBACKS.

TYPICAL LOT EASEMENTS

NOT-TO-SCALE

LOT SUMMARY

TOTAL NUMBER OF LOTS	87
AVERAGE SIZE OF LOTS	0.400 ACRES / 17282.710 SF
NUMBER OF LOTS ≥10 ACRES	0
NUMBER OF LOTS >5 ACRES, <10 ACRES	2
NUMBER OF LOTS ≥ 2 ACRES AND <5 ACRES	0
NUMBER OF LOTS >1 ACRE AND <2 ACRES	0
NUMBER OF LOTS <1 ACRE	85
NUMBER OF 60' SINGLE FAMILY LOTS	82
NUMBER OF OPEN SPACE LOTS	5

STREET NAME	STREET CLASSIFICATION	STREET LENGTH	ROW WIDTH
ART WAY	RESIDENTIAL COLLECTOR	225.71'	60.00'
BEDFORD RUN	RESIDENTIAL LANE	1174.45'	50.00'
SIX CREEKS BOULEVARD	UNDIVIDED ARTERIAL	2771.74'	80.00'
VALE RUN	RESIDENTIAL LANE	2369.28'	50.00'

Civil Job No. 8141-43; Survey Job No. 8141-08
6 CREEKS-PHASE 1, SECTION 15
Date: Nov 05, 2024, 8:42am User ID: rherbert
File: C:\Users\LOCAL_~1\Temp\AcPublish_13264\PLAT8141-43.dwg

FINAL PLAT OF
6 CREEKS-PHASE 1, SECTION 15

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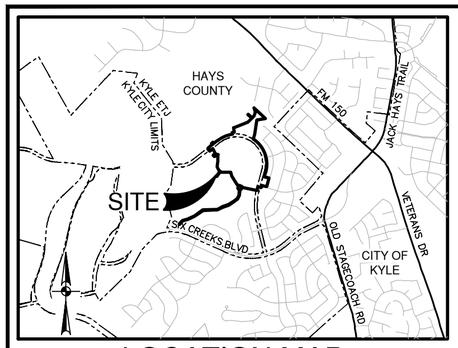
PAPE-DAWSON ENGINEERS
2000 NW LOOP 410 I SAN ANTONIO, TX 78213 I 210.375.9000
TEXAS ENGINEERING FIRM #470 I TEXAS SURVEYING FIRM #10028800

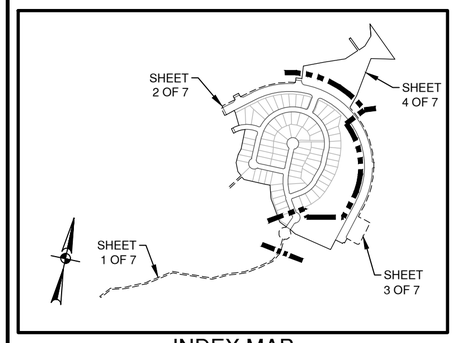
DATE OF PREPARATION: November 5, 2024

SCALE: 1"= 100'

100' 0' 50' 100'



LOCATION MAP
SCALE: 1" = 3000'



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FEMA	FEDERAL EMERGENCY MANAGEMENT AGENCY		SET 1/2" IRON ROD (PD)
			SET 1/2" IRON ROD (PD)-ROW
	EASEMENT POINT OF INTERSECTION	(SURVEYOR)	FOUND 1/2" IRON ROD (PD UNLESS NOTED OTHERWISE)

- HAYS COUNTY BEST AVAILABLE FLOODPLAIN
- FEMA 100-YEAR (ANNUAL CHANCE) FLOODPLAIN PER FEMA FIRM PANEL NUMBER 48209C0270F
- CENTERLINE
- CITY OF KYLE CITY LIMITS
- APPROXIMATE SURVEY LINE (NOT FIELD LOCATED)

6. VARIABLE WIDTH CLEAR VISION EASEMENT
11. 15' MUNICIPAL UTILITY EASEMENT
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19. 80'X20' MUNICIPAL UTILITY EASEMENT TO EXPIRE UPON INCORPORATION INTO PLATTED PUBLIC STREET ROW ("OFF-LOT")
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21. 150' x 250' DRAINAGE EASEMENT

1. 20' ELECTRIC UTILITY EASEMENT (DOC NO 23021077, PR)
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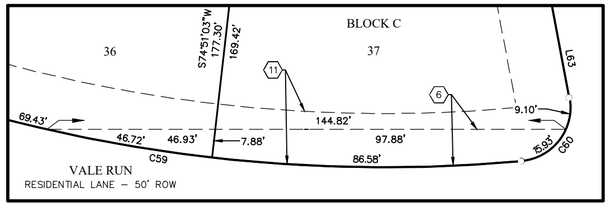
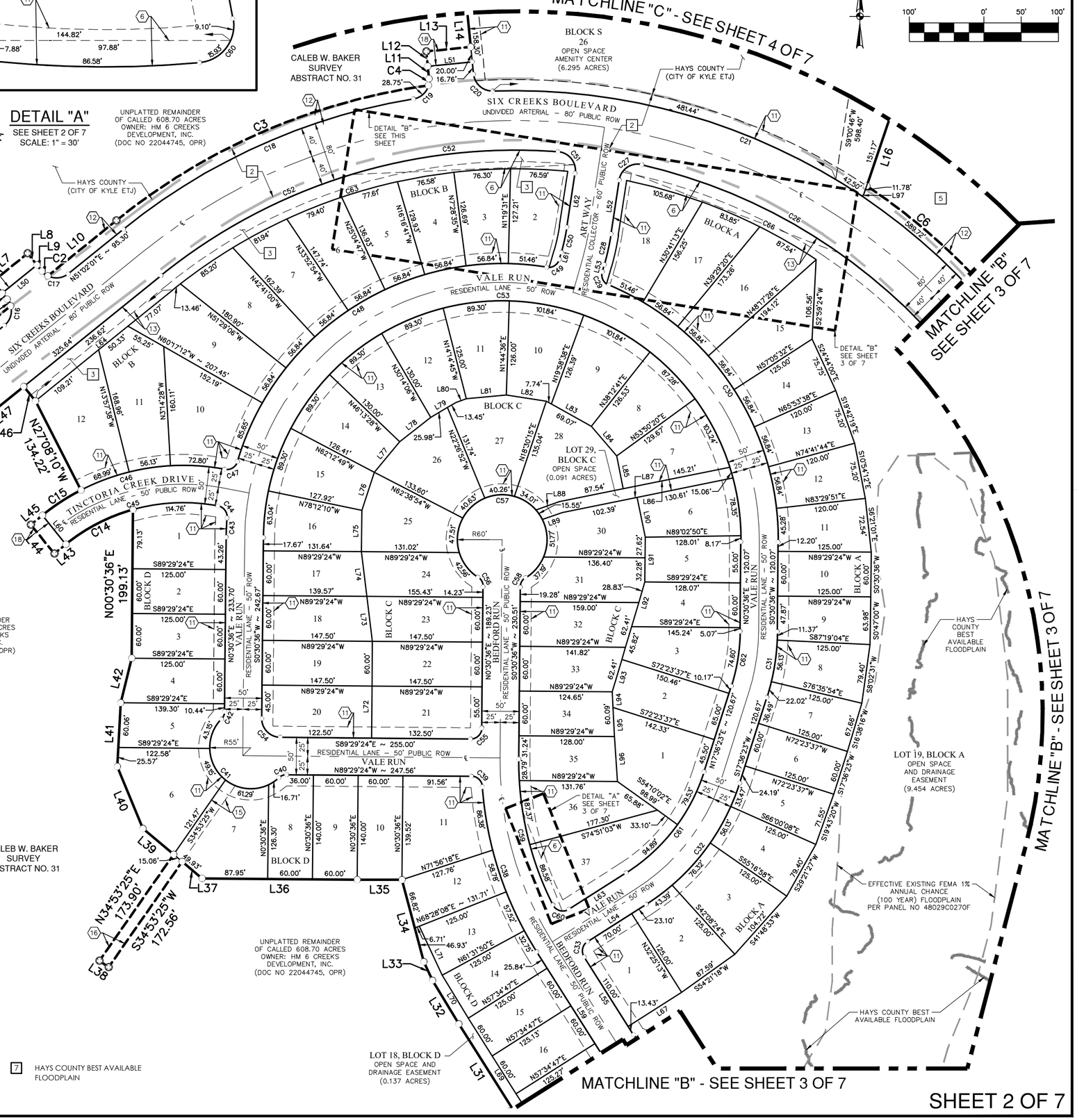
14. 50' DRAINAGE EASEMENT (VOL 7, PG 47-49, OPR)

1. FEMA EFFECTIVE 1% ANNUAL CHANCE (100 YEAR) FLOODPLAIN PER PANEL NO 48029C0345F
2. CITY OF KYLE
3. LOT 1, BLOCK B OPEN SPACE (0.499 ACRES)
4. LOT 18, BLOCK D OPEN SPACE AND DRAINAGE EASEMENT (0.137 ACRES)
5. LOT 7, BLOCK S OPEN SPACE DRAINAGE EASEMENT (3.072 ACRES)
6. LOT 1, BLOCK Q OPEN SPACE DRAINAGE EASEMENT (0.861 ACRES)
7. HAYS COUNTY BEST AVAILABLE FLOODPLAIN



DETAIL "A"
SEE SHEET 2 OF 7
SCALE: 1" = 30'

UNPLATTED REMAINDER OF CALLED 608.70 ACRES
OWNER: HM 6 CREEKS DEVELOPMENT, INC.
(DOC NO 22044745, OPR)



6 CREEKS-PHASE 1, SECTION 15
Civil Job No. 8141-43; Survey Job No. 8141-08
Date: Nov 05, 2024, 9:42am User ID: rherbert
File: C:\Users\LOCAL_~1\Temp\AcPublish_13264\PLAT8141-43.dwg

FINAL PLAT OF
6 CREEKS-PHASE 1, SECTION 15

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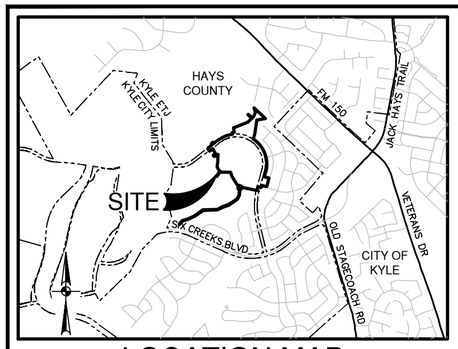
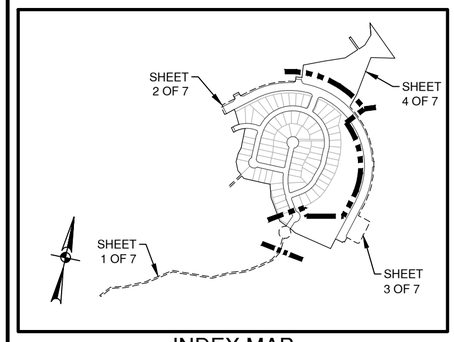


LOCATION MAP
SCALE: 1" = 3000'



INDEX MAP
NOT-TO-SCALE

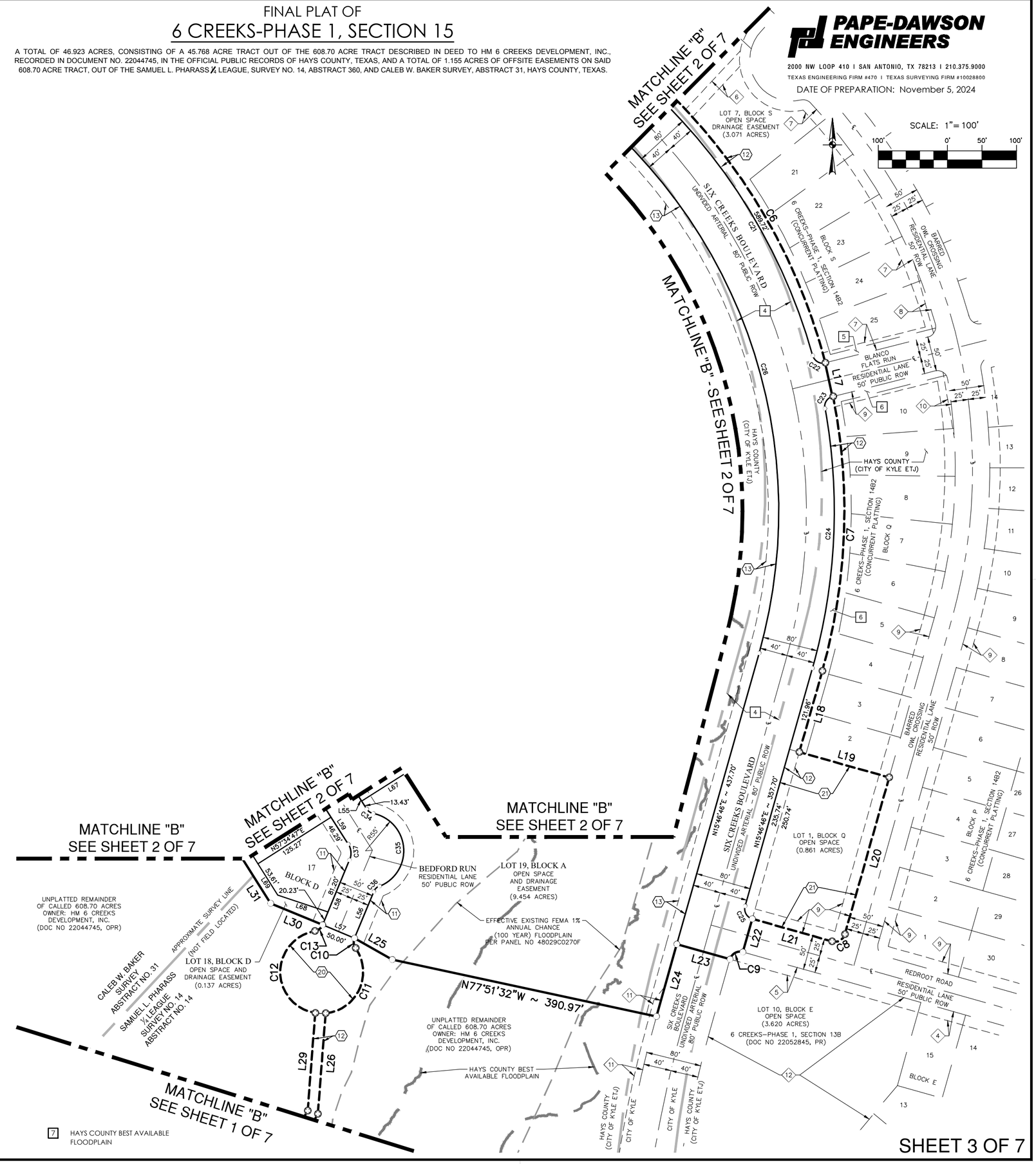
LEGEND

BLK	BLOCK
CFN	CLERK FILE NUMBER
DOC NO	DOCUMENT NUMBER
ETJ	EXTRATERRITORIAL JURISDICTION
FEMA	FEDERAL EMERGENCY MANAGEMENT AGENCY
PR	OFFICIAL PLAT RECORDS OF HAYS COUNTY, TEXAS
OPR	OFFICIAL PUBLIC RECORDS OF HAYS COUNTY, TEXAS
ROW	RIGHT-OF-WAY

- SET 1/2" IRON ROD (PD)
- SET 1/2" IRON ROD (PD)-ROW
- EASEMENT POINT OF INTERSECTION
- (SURVEYOR) FOUND 1/2" IRON ROD (PD UNLESS NOTED OTHERWISE)

- HAYS COUNTY BEST AVAILABLE FLOODPLAIN
- FEMA 100-YEAR (ANNUAL CHANCE) FLOODPLAIN PER FEMA FIRM PANEL NUMBER 48209C0270F
- CENTERLINE
- CITY OF KYLE CITY LIMITS
- APPROXIMATE SURVEY LINE (NOT FIELD LOCATED)

- (6) VARIABLE WIDTH CLEAR VISION EASEMENT
- (11) 15' MUNICIPAL UTILITY EASEMENT
- (12) 15' MUNICIPAL UTILITY EASEMENT ("OFF-LOT")
- (13) 15' MUNICIPAL UTILITY AND SIDEWALK EASEMENT
- (14) 15' MUNICIPAL UTILITY AND SIDEWALK EASEMENT ("OFF-LOT")
- (15) 15' DRAINAGE EASEMENT
- (16) 15' DRAINAGE EASEMENT ("OFF-LOT")
- (17) 20' WATER EASEMENT ("OFF-LOT")
- (18) 50'X20' MUNICIPAL UTILITY EASEMENT TO EXPIRE UPON INCORPORATION INTO PLATTED PUBLIC STREET ROW ("OFF-LOT")
- (19) 80'X20' MUNICIPAL UTILITY EASEMENT TO EXPIRE UPON INCORPORATION INTO PLATTED PUBLIC STREET ROW ("OFF-LOT")
- (20) VARIABLE WIDTH MUNICIPAL UTILITY EASEMENT TO EXPIRE UPON INCORPORATION INTO PLATTED PUBLIC STREET ROW ("OFF-LOT")
- (21) 150' x 250' DRAINAGE EASEMENT
- (1) 20' ELECTRIC UTILITY EASEMENT (DOC NO 23021077, PR)
- (2) 15' MUNICIPAL UTILITY EASEMENT (DOC NO 23021078, PR)
- (3) 15' SANITARY SEWER EASEMENT ("OFF-LOT") (DOC NO 22052844, PR)
- (4) 15' MUNICIPAL UTILITY AND SIDEWALK EASEMENT (6 CREEKS-PHASE 1, SECTION 14A1)
- (5) 15' MUNICIPAL UTILITY AND SIDEWALK EASEMENT ("OFF-LOT") (6 CREEKS-PHASE 1, SECTION 14A1)
- (6) 15' WATER EASEMENT (6 CREEKS-PHASE 1, SECTION 14B2)
- (7) 15' MUNICIPAL UTILITY EASEMENT (6 CREEKS-PHASE 1, SECTION 14B2)
- (8) VARIABLE WIDTH CLEAR VISION EASEMENT (6 CREEKS-PHASE 1, SECTION 14B2)
- (9) 15' MUNICIPAL UTILITY EASEMENT (6 CREEKS-PHASE 1, SECTION 14B1)
- (10) VARIABLE WIDTH CLEAR VISION EASEMENT (6 CREEKS-PHASE 1, SECTION 14B1)
- (11) 10' WATER EASEMENT ("OFF-LOT") (DOC NO 22052845, PR)
- (12) VARIABLE WIDTH DRAINAGE EASEMENT ("OFF-LOT") (DOC NO 22052844, PR)
- (13) 25' DRAINAGE EASEMENT (VOL 7, PG 47-49, OPR)
- (14) 50' DRAINAGE EASEMENT (VOL 7, PG 47-49, OPR)
- [1] FEMA EFFECTIVE 1% ANNUAL CHANCE (100 YEAR) FLOODPLAIN PER PANEL NO 48029C0345F
- [2] CITY OF KYLE
- [3] LOT 1, BLOCK B OPEN SPACE (0.499 ACRES)
- [4] LOT 18, BLOCK D OPEN SPACE AND DRAINAGE EASEMENT (0.137 ACRES)
- [5] LOT 7, BLOCK S OPEN SPACE DRAINAGE EASEMENT (3.072 ACRES)
- [6] LOT 1, BLOCK Q OPEN SPACE DRAINAGE EASEMENT (0.861 ACRES)
- [7] HAYS COUNTY BEST AVAILABLE FLOODPLAIN



SHEET 3 OF 7

PAPE-DAWSON ENGINEERS
2000 NW LOOP 410 I SAN ANTONIO, TX 78213 I 210.375.9000
TEXAS ENGINEERING FIRM #470 I TEXAS SURVEYING FIRM #10028800

DATE OF PREPARATION: November 5, 2024

6 CREEKS-PHASE 1, SECTION 15
Civil Job No. 8141-43; Survey Job No. 8141-08

Date: Nov 05, 2024, 9:42am User ID: rhetherl
File: C:\Users\LOCAL_~1\Temp\AcePublish_13264\Pl814143.dwg

FINAL PLAT OF
6 CREEKS-PHASE 1, SECTION 15

A TOTAL OF 46.923 ACRES, CONSISTING OF A 45.768 ACRE TRACT OUT OF THE 608.70 ACRE TRACT DESCRIBED IN DEED TO HM 6 CREEKS DEVELOPMENT, INC., RECORDED IN DOCUMENT NO. 22044745, IN THE OFFICIAL PUBLIC RECORDS OF HAYS COUNTY, TEXAS, AND A TOTAL OF 1.155 ACRES OF OFFSITE EASEMENTS ON SAID 608.70 ACRE TRACT, OUT OF THE SAMUEL L. PHARASS ¼ LEAGUE, SURVEY NO. 14, ABSTRACT 360, AND CALEB W. BAKER SURVEY, ABSTRACT 31, HAYS COUNTY, TEXAS.

PAPE-DAWSON ENGINEERS
2000 NW LOOP 410 I SAN ANTONIO, TX 78213 I 210.375.9000
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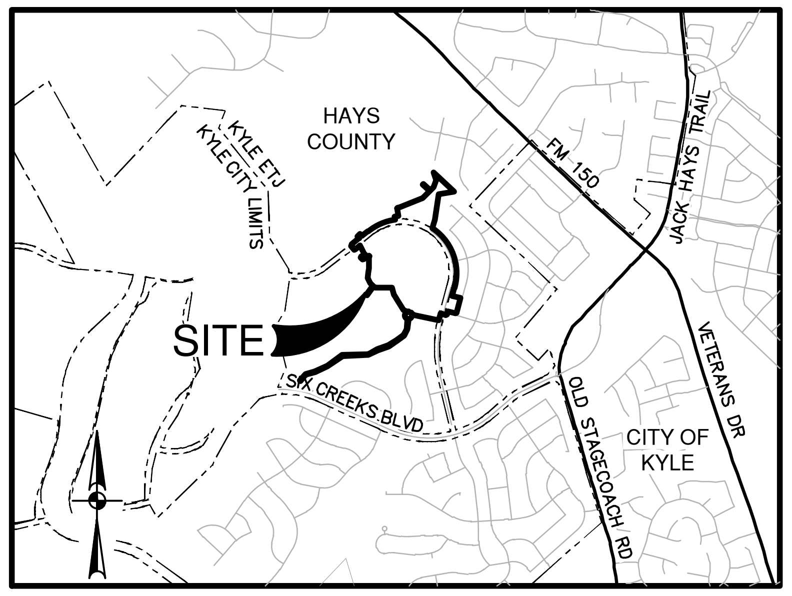
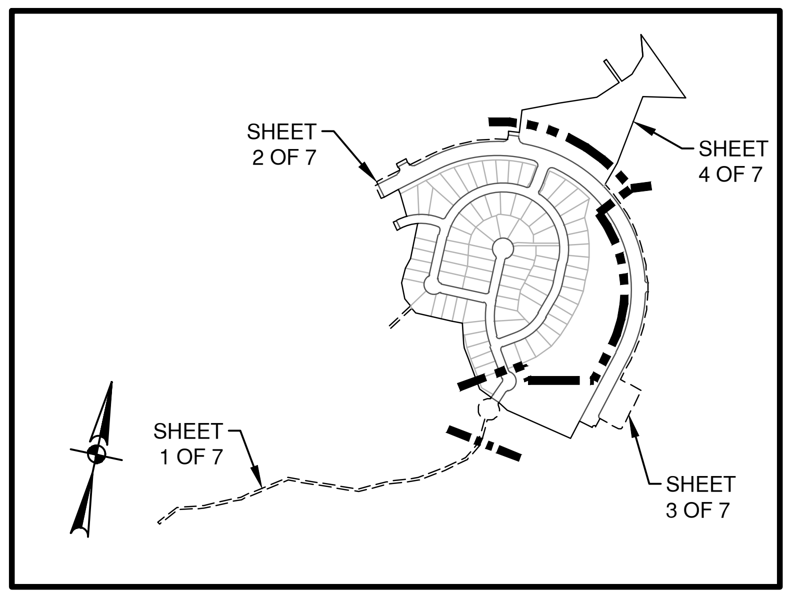


LOCATION MAP

SCALE: 1" = 3000'



INDEX MAP

NOT-TO-SCALE

LEGEND

BLK	BLOCK	PR	OFFICIAL PLAT RECORDS OF HAYS COUNTY, TEXAS
CFN	CLERK FILE NUMBER	OPR	OFFICIAL PUBLIC RECORDS OF HAYS COUNTY, TEXAS
DOC NO	DOCUMENT NUMBER	ROW	RIGHT-OF-WAY
ETJ	EXTRATERRITORIAL JURISDICTION	○	SET 1/2" IRON ROD (PD)
FEMA	FEDERAL EMERGENCY MANAGEMENT AGENCY	○	SET 1/2" IRON ROD (PD)-ROW
⊙	EASEMENT POINT OF INTERSECTION	●	FOUND 1/2" IRON ROD (SURVEYOR) (PD UNLESS NOTED OTHERWISE)

- HAYS COUNTY BEST AVAILABLE FLOODPLAIN
- FEMA 100-YEAR (ANNUAL CHANCE) FLOODPLAIN PER FEMA FIRM PANEL NUMBER 48209C0270F
- CENTERLINE
- CITY OF KYLE CITY LIMITS
- APPROXIMATE SURVEY LINE (NOT FIELD LOCATED)

(6) VARIABLE WIDTH CLEAR VISION EASEMENT
(11) 15' MUNICIPAL UTILITY EASEMENT
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◇6 15' WATER EASEMENT (6 CREEKS-PHASE 1, SECTION 14B2)
◇7 15' MUNICIPAL UTILITY EASEMENT (6 CREEKS-PHASE 1, SECTION 14B2)
◇8 VARIABLE WIDTH CLEAR VISION EASEMENT (6 CREEKS-PHASE 1, SECTION 14B2)
◇9 15' MUNICIPAL UTILITY EASEMENT (6 CREEKS-PHASE 1, SECTION 14B1)
◇10 VARIABLE WIDTH CLEAR VISION EASEMENT (6 CREEKS-PHASE 1, SECTION 14B1)
◇11 10' WATER EASEMENT ("OFF-LOT") (DOC NO 22052845, PR)
◇12 VARIABLE WIDTH DRAINAGE EASEMENT ("OFF-LOT") (DOC NO 22052844, PR)
◇13 25' DRAINAGE EASEMENT (VOL 7, PG 47-49, OPR)
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[3] LOT 1, BLOCK B OPEN SPACE (0.499 ACRES)
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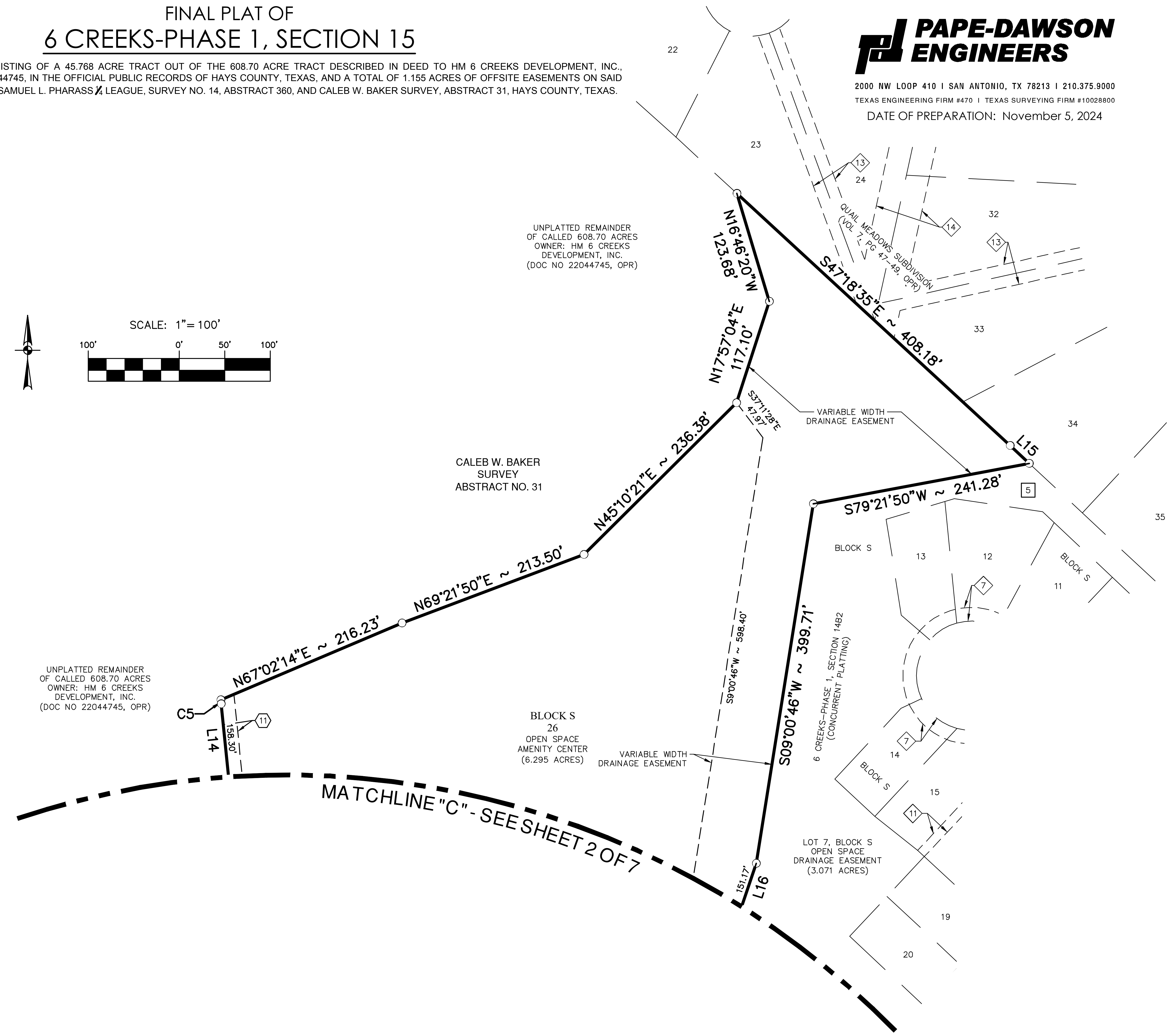

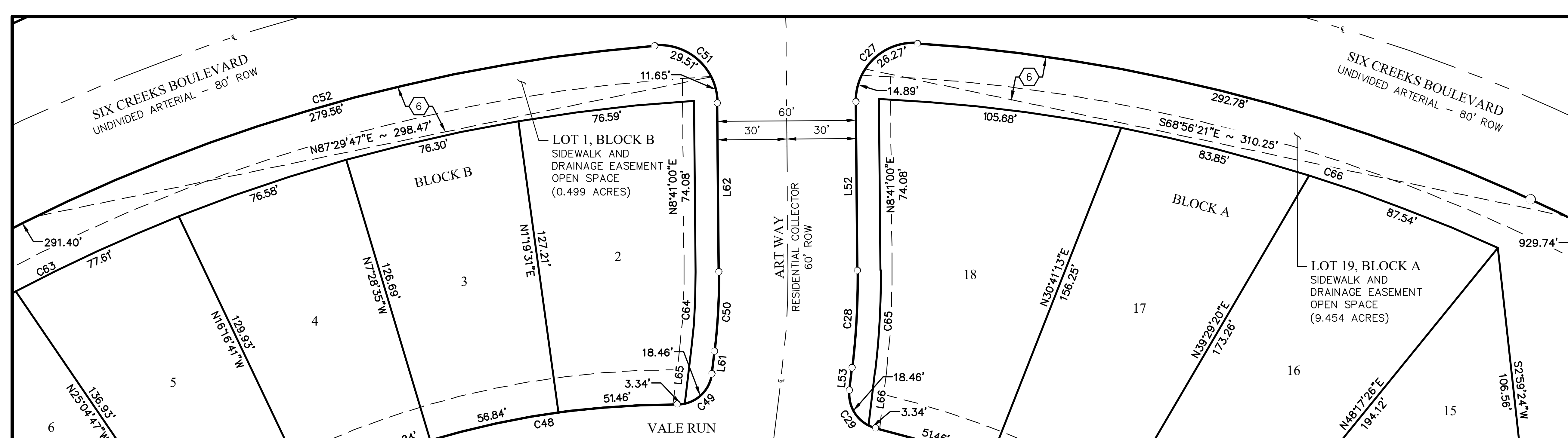

DETAIL "B"

SEE SHEET 2 OF 7
SCALE: 1" = 50'

FINAL PLAT OF
6 CREEKS-PHASE 1, SECTION 15

A TOTAL OF 46.923 ACRES, CONSISTING OF A 45.768 ACRE TRACT OUT OF THE 608.70 ACRE TRACT DESCRIBED IN DEED TO HM 6 CREEKS DEVELOPMENT, INC., RECORDED IN DOCUMENT NO. 22044745, IN THE OFFICIAL PUBLIC RECORDS OF HAYS COUNTY, TEXAS, AND A TOTAL OF 1.155 ACRES OF OFFSITE EASEMENTS ON SAID 608.70 ACRE TRACT, OUT OF THE SAMUEL L. PHARASS ⅓ LEAGUE, SURVEY NO. 14, ABSTRACT 360, AND CALEB W. BAKER SURVEY, ABSTRACT 31, HAYS COUNTY, TEXAS.

PAPE-DAWSON ENGINEERS
2000 NW LOOP 410 I SAN ANTONIO, TX 78213 I 210.375.9000
TEXAS ENGINEERING FIRM #470 I TEXAS SURVEYING FIRM #10028800

DATE OF PREPARATION: November 5, 2024

CURVE TABLE					
CURVE #	RADIUS	DELTA	CHORD BEARING	CHORD	LENGTH
C1	25.00'	23°34'41"	N27°10'38"W	10.22'	10.29'
C2	25.00'	23°34'41"	S50°45'19"E	10.22'	10.29'
C3	850.00'	31°06'30"	N66°35'17"E	455.86'	461.50'
C4	25.00'	20°40'36"	N4°36'44"E	8.97'	9.02'
C5	166.79'	1°31'49"	S5°58'03"E	4.45'	4.45'
C6	850.00'	41°41'03"	N35°28'26"W	604.85'	618.40'
C7	850.00'	27°02'23"	N2°15'35"E	397.43'	401.14'
C8	15.00'	90°00'00"	N60°46'46"E	21.21'	23.56'
C9	15.00'	90°00'00"	S60°46'46"W	21.21'	23.56'
C10	15.00'	57°46'09"	S6°18'17"E	14.49'	15.12'
C11	60.00'	119°48'04"	N24°42'41"E	103.82'	125.46'
C12	60.00'	161°21'37"	S0°19'53"E	118.42'	168.98'
C13	15.00'	57°46'09"	N51°27'52"E	14.49'	15.12'
C14	250.00'	23°23'16"	S62°43'39"W	101.34'	102.05'
C15	300.00'	11°49'49"	N56°56'56"E	61.83'	61.94'
C16	25.00'	89°59'57"	N6°02'00"E	35.36'	39.27'
C17	25.00'	89°59'53"	S83°57'55"E	35.35'	39.27'
C18	835.00'	29°33'57"	S65°49'00"W	426.11'	430.88'
C19	25.00'	86°34'01"	N37°33'27"E	34.28'	37.77'
C20	25.10'	85°53'56"	S48°53'36"E	34.21'	37.63'
C21	835.00'	76°25'01"	N53°51'05"W	1032.94'	1113.66'
C22	15.00'	88°26'32"	S59°51'50"E	20.92'	23.15'
C23	15.00'	86°09'44"	S32°50'02"W	20.49'	22.56'
C24	835.00'	26°01'37"	N2°45'58"E	376.05'	379.30'
C25	15.00'	90°00'00"	S29°13'14"E	21.21'	23.56'
C26	755.00'	92°46'31"	N30°36'29"W	1093.27'	1222.52'
C27	25.00'	94°19'15"	S55°50'38"W	36.66'	41.16'
C28	330.00'	7°19'22"	S12°20'41"W	42.15'	42.18'
C29	15.00'	83°17'16"	S25°38'16"E	19.93'	21.80'
C30	370.00'	67°47'29"	S33°23'09"E	412.69'	437.78'
C31	300.00'	17°05'47"	S9°03'29"W	89.19'	89.52'
C32	300.00'	39°58'24"	S37°35'35"W	205.08'	209.30'
C33	15.00'	90°00'00"	S12°34'47"W	21.21'	23.56'
C34	15.00'	45°43'18"	S55°16'52"E	11.65'	11.97'
C35	55.00'	146°26'36"	S4°55'13"E	105.32'	140.58'
C36	15.00'	45°43'18"	S45°26'26"W	11.65'	11.97'
C37	25.00'	55°00'00"	N4°55'13"W	23.09'	24.00'
C38	475.00'	28°23'55"	N18°13'15"W	233.03'	235.43'
C39	15.00'	85°28'07"	N46°45'21"W	20.36'	22.38'
C40	15.00'	43°42'05"	S68°39'33"W	11.17'	11.44'
C41	55.00'	177°24'09"	N44°29'24"W	109.97'	170.29'
C42	15.00'	43°42'05"	N22°21'38"E	11.17'	11.44'
C43	370.00'	4°00'44"	N2°30'58"E	25.90'	25.91'
C44	15.00'	83°48'01"	N37°22'40"W	20.04'	21.94'
C45	250.00'	49°41'18"	S75°52'40"W	210.08'	216.81'
C46	300.00'	49°37'42"	S75°50'52"W	251.81'	259.85'
C47	15.00'	84°12'45"	N58°33'21"E	20.12'	22.05'
C48	370.00'	82°50'40"	S57°52'18"W	489.59'	534.99'
C49	15.00'	83°17'16"	N57°39'00"E	19.93'	21.80'
C50	270.00'	7°19'22"	N12°20'41"E	34.48'	34.51'
C51	25.00'	94°19'15"	N38°28'37"W	36.66'	41.16'
C52	755.00'	43°19'44"	S72°41'53"W	557.45'	570.95'
C53	320.00'	180°00'00"	N89°29'24"W	640.00'	1005.31'
C54	25.00'	90°00'00"	S44°29'24"E	35.36'	39.27'
C55	15.00'	90°00'00"	N45°30'36"E	21.21'	23.56'
C56	15.00'	57°46'09"	N28°22'29"W	14.49'	15.12'
C57	60.00'	295°32'17"	S89°29'24"E	64.00'	309.49'
C58	15.00'	57°46'09"	S29°23'40"W	14.49'	15.12'
C59	425.00'	27°19'53"	S13°09'21"E	200.82'	202.73'
C60	15.00'	95°35'55"	S74°37'15"E	22.22'	25.03'
C61	250.00'	39°58'24"	N37°35'35"E	170.90'	174.42'
C62	250.00'	17°05'47"	N9°03'29"E	74.32'	74.60'
C63	730.00'	44°30'31"	S73°17'17"W	552.93'	567.08'
C64	260.00'	7°19'22"	N12°20'41"E	33.21'	33.23'
C65	340.00'	7°19'22"	N12°20'41"E	43.42'	43.45'
C66	730.00'	21°44'45"	N67°18'09"W	275.40'	277.06'

LINE TABLE		
LINE #	BEARING	LENGTH
L1	N38°57'59"W	80.00'
L2	N51°02'01"E	20.00'
L3	N38°57'59"W	15.00'
L4	N51°02'01"E	143.25'
L5	S38°57'59"E	10.51'
L6	N38°57'59"W	20.00'
L7	N51°02'01"E	60.00'
L8	S38°57'59"E	20.00'
L9	N38°57'59"W	10.51'
L10	N51°02'01"E	118.22'
L11	S5°43'36"E	16.76'
L12	S5°43'36"E	20.00'
L13	S84°16'24"W	60.00'
L14	N5°43'36"W	121.54'
L15	S46°58'08"E	28.70'
L16	S18°43'01"W	139.39'
L17	N12°15'42"W	50.03'
L18	S15°46'46"W	121.96'
L19	N74°13'14"W	135.00'
L20	N15°46'46"E	235.74'
L21	S74°13'14"E	120.00'
L22	N15°46'46"E	50.00'
L23	S74°13'14"E	80.00'
L24	S15°46'46"W	108.59'
L25	N60°24'23"W	62.83'
L26	S4°24'17"W	145.96'
L27	N69°45'01"W	9.39'
L28	N49°45'01"W	6.18'
L29	N4°24'17"E	141.94'
L30	N67°25'13"W	81.33'
L31	N32°17'34"W	178.50'
L32	N31°12'16"W	68.15'
L33	N25°00'01"W	27.64'
L34	N14°48'43"W	113.75'
L35	N89°56'55"W	60.00'
L36	N89°29'24"W	207.95'
L37	N49°59'51"W	34.87'
L38	N55°06'35"W	15.00'
L39	N49°59'51"W	53.81'
L40	N22°25'21"W	90.00'
L41	N3°03'11"E	85.63'
L42	N13°54'46"E	61.68'
L43	S51°02'01"W	20.00'
L44	N38°57'59"W	50.00'
L45	N51°02'01"E	20.00'
L46	N38°57'46"W	25.00'
L47	S51°02'01"W	89.02'
L48	S51°02'01"W	20.00'
L49	N38°57'59"W	80.00'
L50	N51°02'01"E	60.00'

LINE TABLE		
LINE #	BEARING	LENGTH
L51	S84°16'24"W	60.00'
L52	S8°41'00"W	73.10'
L53	S16°00'22"W	9.83'
L54	S57°34'47"W	93.10'
L55	S32°25'13"E	123.43'
L56	S22°34'47"W	72.72'
L57	N67°25'13"W	50.00'
L58	N22°34'47"E	101.43'
L59	S32°25'13"E	192.13'
L60	N38°57'59"W	50.00'
L61	N16°00'22"E	9.83'
L62	N8°41'00"E	73.10'
L63	N57°34'47"E	91.15'
L64	S51°02'01"W	236.62'
L65	N16°00'22"E	23.97'
L66	N16°00'22"E	23.97'
L67	S57°34'47"W	85.00'
L68	S71°19'32"E	76.76'
L69	S32°17'34"E	173.61'
L70	S31°12'16"E	67.19'
L71	N25°00'01"W	72.62'
L72	S0°30'36"W	70.00'
L73	N7°01'09"W	60.52'
L74	N7°01'09"W	60.52'
L75	N0°30'36"E	55.26'
L76	N18°11'30"E	53.66'
L77	N39°35'32"E	53.47'
L78	N51°46'13"E	52.85'
L79	N59°50'12"E	39.43'
L80	N69°40'16"E	14.50'
L81	N84°47'50"E	54.11'
L82	S81°18'39"E	54.11'
L83	S60°46'35"E	61.33'
L84	S40°34'13"E	52.27'
L85	S11°26'34"E	44.84'
L86	N78°33'26"E	232.75'
L87	N78°33'26"E	232.99'
L88	N70°35'48"E	33.76'
L89	N70°35'48"E	28.78'
L90	S11°26'34"E	54.70'
L91	S0°30'36"W	59.90'
L92	S16°28'54"W	62.41'
L93	S16°28'54"W	45.42'
L94	S2°41'04"E	20.88'
L95	S2°41'04"E	39.21'
L96	S4°00'07"E	60.19'
L97	S33°53'31"W	3.63'

LOT SUMMARY				
BLOCK	LOT	LOT WIDTH	LOT AREA	ROW FRONTAGE
A	1	85.00'	10576.71 SF	203.56'
A	2	70.10'	9526.86 SF	66.50'
A	3	81.30'	11103.78 SF	76.32'
A	4	60.04'	8379.10 SF	55.98'
A	5	60.03'	8025.10 SF	57.79'
A	6	60.00'	7500.00 SF	60.00'
A	7	60.01'	7859.46 SF	58.50'
A	8	60.04'	8379.05 SF	56.13'
A	9	60.00'	7693.01 SF	59.24'
A	10	60.00'	7500.00 SF	60.00'
A	11	60.02'	7900.83 SF	57.49'
A	12	60.03'	7854.30 SF	56.84'
A	13	60.03'	7854.30 SF	56.84'
A	14	60.03'	8041.74 SF	56.84'
A	15	60.03'	10848.90 SF	56.84'
A	16	60.03'	13008.39 SF	56.84'
A	17	60.03'	11424.89 SF	56.84'
A	18	60.10'	11538.81 SF	54.80'
A	19	N/A	411833.21 SF	2204.20'
B	1	N/A	21730.88 SF	984.65'
B	2	60.03'	8691.70 SF	54.79'
B	3	60.03'	8429.77 SF	56.85'
B	4	60.03'	8533.55 SF	56.83'
B	5	60.03'	8927.26 SF	56.85'
B	6	60.03'	9621.95 SF	56.83'
B	7	60.03'	10636.14 SF	56.85'
B	8	94.74'	11994.70 SF	56.83'
B	9	60.04'	13828.29 SF	56.85'
B	10	73.95'	13875.73 SF	180.44'
B	11	113.31'	12943.13 SF	56.12'
B	12	62.36'	12859.42 SF	68.99'
C	1	81.85'	17754.57 SF	202.58'
C	2	60.00'	9135.76 SF	61.96'
C	3	67.96'	9910.42 SF	86.91'
C	4	79.14'	8080.66 SF	60.00'
C	5	92.78'	8176.64 SF	69.76'
C	6	83.97'	9075.12 SF	83.56'
C	7	83.97'	9726.50 SF	99.91'
C	8	83.97'	9050.98 SF	89.30'
C	9	83.97'	9050.98 SF	89.30'
C	10	83.97'	9077.83 SF	89.30'
C	11	83.97'	9077.83 SF	89.30'
C	12	83.97'	9136.44 SF	89.30'

LOT SUMMARY				
BLOCK	LOT	LOT WIDTH	LOT AREA	ROW FRONTAGE
C	13	83.97'	9,316.10 SF	89.30'
C	14	83.97'	9,222.20 SF	89.30'
C	15	83.97'	9,166.86 SF	89.30'
C	16	76.89'	8,871.79 SF	80.71'
C	17	60.00'	8,136.28 SF	60.00'
C	18	60.00'	8,612.09 SF	60.00'
C	19	60.00'	8,850.00 SF	60.00'
C	20	69.49'	10,190.87 SF	206.77'
C	21	70.00'	10,276.71 SF	211.06'
C	22	60.00'	8,850.00 SF	60.00'
C	23	60.00'	9,087.91 SF	60.00'
C	24	60.00'	8,782.40 SF	71.91'
C	25	60.33'	10,156.33 SF	47.51'
C	26	60.65'	11,188.90 SF	40.63'
C	27	60.68'	11,719.08 SF	40.26'
C	28	62.02'	12,690.21 SF	34.01'
C	29	N/A	3,957.85 SF	30.61'
C	30	60.11'	8,931.07 SF	51.77'
C	31	60.00'	9,283.58 SF	71.60'
C	32	60.00'	9,024.64 SF	60.00'
C	33	60.00'	7,994.27 SF	60.00'
C	34	60.00'	7,579.54 SF	60.00'
C	35	60.00'	7,812.70 SF	60.02'
C	36	82.15'	10,330.59 SF	87.37'
C	37	97.65'	13,627.39 SF	297.65'
D	1	86.36'	10,765.25 SF	205.87'
D	2	60.00'	7,500.00 SF	60.00'
D	3	60.00'	7,500.00 SF	60.00'
D	4	60.00'	7,928.91 SF	60.00'
D	5	60.00'	7,844.99 SF	65.03'
D	6	74.95'	13,266.82 SF	49.15'
D	7	79.36'	12,152.13 SF	61.29'
D	8	60.00'	8,257.79 SF	64.15'
D	9	60.00'	8,400.00 SF	60.00'
D	10	60.00'	8,385.60 SF	60.00'
D	11	107.04'	13,450.31 SF	200.31'
D	12	60.01'	8,087.26 SF	58.78'
D	13	60.02'	8,083.23 SF	57.52'
D	14	60.01'	7,834.51 SF	58.59'
D	15	60.00'	7,504.00 SF	60.00'
D	16	60.00'	7,512.01 SF	60.00'
D	17	73.31'	10,658.49 SF	151.49'
D	18	N/A	5948.83 SF	20.23'
S	26	N/A	274230.31 SF	598.34'

* LOT WIDTHS ARE MEASURED AT THE FRONT BUILDING LINE.

6 CREEKS-PHASE 1, SECTION 15
Civil Job No. 8141-43; Survey Job No. 8141-08

Date: Nov 05, 2024, 9:42am User ID: rherbert
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FINAL PLAT OF
6 CREEKS-PHASE 1, SECTION 15

A TOTAL OF 46.923 ACRES, CONSISTING OF A 45.768 ACRE TRACT OUT OF THE 608.70 ACRE TRACT DESCRIBED IN DEED TO HM 6 CREEKS DEVELOPMENT, INC., RECORDED IN DOCUMENT NO. 22044745, IN THE OFFICIAL PUBLIC RECORDS OF HAYS COUNTY, TEXAS, AND A TOTAL OF 1.155 ACRES OF OFFSITE EASEMENTS ON SAID 608.70 ACRE TRACT, OUT OF THE SAMUEL L. PHARASS ¼ LEAGUE, SURVEY NO. 14, ABSTRACT 360, AND CALEB W. BAKER SURVEY, ABSTRACT 31, HAYS COUNTY, TEXAS.

PAPE-DAWSON ENGINEERS
2000 NW LOOP 410 I SAN ANTONIO, TX 78213 I 210.375.9000
TEXAS ENGINEERING FIRM #470 I TEXAS SURVEYING FIRM #10028800

DATE OF PREPARATION: November 5, 2024

FINAL PLAT NOTES:

1. THIS FINAL PLAT IS LOCATED ENTIRELY WITHIN HAYS COUNTY.
2. THIS SUBDIVISION IS WITHIN THE ETJ OF THE CITY OF KYLE, TEXAS.
3. THIS PLAT IS LOCATED WITHIN THE BOUNDARY OF THE HAYS CONSOLIDATED INDEPENDENT SCHOOL DISTRICT.
4. THIS SITE IS LOCATED WITHIN HAYS COUNTY ESD #5 AND #9.
5. A PORTION OF THIS PROPERTY IS LOCATED WITHIN A DESIGNATED 100-YEAR FLOOD PLAIN AS DELINEATED ON THE FLOOD INSURANCE RATE MAP NO. 48209C0270F AND 48209C0385F, EFFECTIVE DATES OF SEPTEMBER 2, 2005, AS PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY.
6. THIS PLAT FALLS WITHIN THE BOUNDARIES OF THE EDWARDS AQUIFER CONTRIBUTING ZONE WITHIN THE TRANSITION ZONE AND THE RECHARGE ZONE.
7. THIS SITE IS LOCATED WITHIN THE BARTON SPRINGS/EDWARDS AQUIFER CONSERVATION DISTRICT.
8. THIS PLAT HAS BEEN PREPARED IN ACCORDANCE WITH THE HAYS COUNTY REQUIREMENTS AS APPLICABLE TO THIS DEVELOPMENT.
9. CONSTRUCTION STANDARDS AND SPECIFICATIONS WILL BE AS AGREED TO IN THE BLANCO RIVER RANCH (PHASE ONE RESIDENTIAL AREA) DE-ANNEXATION AND DEVELOPMENT AGREEMENT APPROVED BY THE HAYS COUNTY COMMISSIONER'S COURT ON MARCH 21, 2017.
10. ALL STREETS SHALL BE DESIGNED IN ACCORDANCE WITH APPLICABLE HAYS COUNTY REQUIREMENTS AND APPROVED BY THE HAYS COUNTY TRANSPORTATION DEPARTMENT AND UPON ACCEPTANCE SHALL BE DEDICATED TO THE COUNTY FOR MAINTENANCE.
11. ROAD WAY CLASSIFICATIONS ARE PER THE BLANCO RIVER RANCH (PHASE 1 RESIDENTIAL AREA) DE-ANNEXATION AND DEVELOPMENT AGREEMENT (INSTRUMENT # 17018505).
12. ALL STREETS NOT WITHIN LIMITS OF THE CITY OF KYLE TO BE PUBLIC, PAVED AND MAINTAINED BY HAYS COUNTY. ALL STREETS WITHIN THE LIMITS OF THE CITY OF KYLE TO BE PUBLIC, PAVED, AND MAINTAINED BY THE CITY OF KYLE.
13. STREETS TO BE ACCESSED WILL BE CONSTRUCTED WITH CURB AND GUTTER.
14. LINEAR FOOTAGE OF STREET IMPROVEMENTS: ±6541 L.F.
15. AREA WITHIN NEW ROAD RIGHT-OF-WAY = 9.760 ACRES.
16. IN ORDER TO PROMOTE SAFE USE OF ROADWAYS AND PRESERVE THE CONDITIONS OF PUBLIC ROADWAYS, NO DRIVEWAY CONSTRUCTED ON ANY LOT WITHIN THIS SUBDIVISION SHALL BE PERMITTED TO ACCESS ONTO A PUBLIC ROADWAY UNLESS (A) A PERMIT FOR USE OF THE COUNTY ROADWAY RIGHT-OF-WAY HAS BEEN ISSUED UNDER CHAPTER 751, AND, (B) THE DRIVEWAY SATISFIES THE MINIMUM SPACING REQUIREMENT SET FORTH IN CHAPTER 721 OF THE HAYS COUNTY DEVELOPMENT REGULATIONS.
17. THE REQUIREMENT CONCERNING CONSTRUCTION STANDARDS FOR MAILBOXES INSTALLED WITHIN THE RIGHT-OF-WAY OF STREETS AND HIGHWAYS AND REQUIRING ALL SUCH MAILBOXES TO BE MADE OF COLLAPSIBLE MATERIALS, AS DEFINED IN THE ORDINANCE. COMMUNITY MAILBOXES SHALL HAVE A SEPARATE LIGHT/STREET LIGHT TO ILLUMINATE THE MAILBOX AREA.
18. FOR THE TWO (2), FIVE (5), TEN (10), TWENTY-FIVE (25), AND ONE HUNDRED (100) YEAR, TWENTY-FOUR (24) HOUR STORM EVENTS, POST DEVELOPED CONDITION RUNOFF RATES SHALL BE LESS THAN OR EQUAL TO THE PRE-DEVELOPED CONDITION RUNOFF RATES. PRE AND POST DEVELOPMENT RUNOFF CALCULATIONS SHALL BE INCLUDED WITH THE CONSTRUCTION DRAWINGS FOR THIS SUBDIVISION.
19. ALL CULVERTS, WHEN REQUIRED SHALL COMPLY WITH THE CURRENT HAYS COUNTY STANDARD, PER HAYS COUNTY DEVELOPMENT REGULATIONS, CHAPTER 705, SUBCHAPTER 8.03.
20. POST CONSTRUCTION STORMWATER CONTROL MEASURES SHALL HAVE A MAINTENANCE PLAN. THE MAINTENANCE PLAN MUST BE FILED IN THE REAL PROPERTY RECORDS OF THE COUNTY IN WHICH THE PROPERTY IS LOCATED. THE OWNER OR OPERATOR OF ANY NEW DEVELOPMENT OR REDEVELOPED SITE SHALL DEVELOP AND IMPLEMENT A MAINTENANCE PLAN ADDRESSING MAINTENANCE REQUIREMENTS FOR ANY STRUCTURAL CONTROL MEASURES INSTALLED ON SITE. OPERATION AND MAINTENANCE PERFORMED SHALL BE DOCUMENTED AND RETAINED ON SITE, SUCH AS AT THE OFFICES OF THE OWNER OR OPERATOR, AND MADE AVAILABLE FOR REVIEW BY THE CITY.
21. NO OBJECT INCLUDING FENCING OR LANDSCAPING WHICH WOULD INTERFERE WITH CONVEYANCE OF STORM WATER SHALL BE PLACED OR ERECTED WITHIN DRAINAGE EASEMENTS.
22. MAINTENANCE OF EASEMENTS, DETENTION PONDS AND RIGHT OF WAYS TO THE PAVEMENT TO BE THE RESPONSIBILITY OF THE PROPERTY OWNERS AND/OR PROPERTY AND/OR HOMEOWNERS ASSOCIATIONS.
23. SIDEWALKS, PEDESTRIAN CROSSINGS AND OTHER PUBLIC AMENITIES THAT ARE TO BE DEDICATED TO THE CITY OF KYLE SHALL MEET OR EXCEED ALL 2010 ADA STANDARDS OF ACCESSIBILITY DESIGN AND ALL CURRENT FEDERAL AND STATE LAWS REGARDING ACCESS FOR PEOPLE WITH DISABILITIES FOR TITLE II ENTITIES.
24. SIDEWALKS SHALL BE INSTALLED ON THE SUBDIVISION SIDE OF SIX CREEKS BOULEVARD. THOSE SIDEWALKS NOT ABUTTING A RESIDENTIAL, COMMERCIAL OR INDUSTRIAL LOT SHALL BE INSTALLED WHEN THE ADJOINING STREET IS CONSTRUCTED WHERE THERE ARE DOUBLE FRONTAGE LOTS, SIDEWALKS ON THE STREET TO WHICH ACCESS IS PROHIBITED ARE ALSO REQUIRED TO BE INSTALLED WHEN THE STREETS IN THE SUBDIVISION ARE CONSTRUCTED. (ORD #439, ARTICLE V, SEC 10; KYLE CODE)
25. THE MAINTENANCE OF SIDEWALKS SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNERS OR HOMEOWNERS ASSOCIATION OR THEIR SUCCESSORS AND NOT THE RESPONSIBILITY OF THE CITY OF KYLE OR HAYS COUNTY.
26. CLEAR VISION AREAS MUST BE FREE OF VISUAL OBSTRUCTIONS IN ACCORDANCE WITH THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO) POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS, OR LATEST REVISION THEREOF.
27. IN APPROVING THIS PLAT BY THE COMMISSIONERS COURT OF HAYS COUNTY, TEXAS, IT IS UNDERSTOOD THAT THE BUILDING OF ALL STREETS, ROADS, AND OTHER PUBLIC THOROUGHFARES DELINEATED AND SHOWN ON THIS PLAT, AND ALL BRIDGES AND CULVERTS NECESSARY TO BE CONSTRUCTED OR PLACED IN SUCH STREETS, ROADS, OR OTHER PUBLIC THOROUGHFARES, OR IN CONNECTION THEREWITH SHALL BE THE RESPONSIBILITY OF THE OWNER AND / OR THE DEVELOPER OF THE TRACT OF LAND COVERED BY THIS PLAT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS PRESCRIBED BY THE COMMISSIONERS COURT OF HAYS COUNTY, TEXAS AND THE COMMISSIONERS COURT OF HAYS COUNTY, TEXAS, ASSUMES NO OBLIGATION TO BUILD THE STREETS, ROADS, OR OTHER PUBLIC THOROUGHFARES SHOWN ON THIS PLAT OR OF CONSTRUCTING ANY BRIDGES OR CULVERTS IN CONNECTION THEREWITH.
28. NO CONSTRUCTION OR OTHER DEVELOPMENT WITHIN THIS SUBDIVISION MAY BEGIN UNTIL ALL HAYS COUNTY DEVELOPMENT AUTHORIZATION REQUIREMENTS HAVE BEEN SATISFIED.
29. NO STRUCTURE IN THIS SUBDIVISION SHALL BE OCCUPIED UNTIL CONNECTED TO AN INDIVIDUAL WATER SYSTEM OR STATE-APPROVED COMMUNITY WATER SYSTEM. DUE TO DECLINING WATER SUPPLY, PROSPECTIVE OWNERS ARE CAUTIONED BY HAYS COUNTY TO QUESTION THE SELLER CONCERNING GROUNDWATER AVAILABILITY. RAINWATER COLLECTION IS ENCOURAGED AND IN SOME AREAS, MAY OFFER THE BEST RENEWABLE WATER SOURCE.
30. NO STRUCTURE IN THIS SUBDIVISION SHALL BE OCCUPIED UNTIL CONNECTED TO A PERMITTED SEWER SYSTEM OR TO AN ON-SITE SEWAGE FACILITY THAT HAS BEEN APPROVED AND PERMITTED BY HAYS COUNTY.
31. WATER IS PROVIDED BY THE CITY OF KYLE, TEXAS.
32. THE WASTEWATER TREATMENT PLANT IS OWNED AND OPERATED BY THE CITY OF KYLE, TEXAS.
33. WASTEWATER SERVICE IS PROVIDED BY THE CITY OF KYLE, TEXAS (SEE NOTE ABOVE).
34. ELECTRICITY PROVIDED BY PEDERNALES ELECTRIC COMPANY.
35. COORDINATES SHOWN ARE BASED ON THE NORTH AMERICAN DATUM OF 1983 NAD83 (NA2011) EPOCH 2010.00 FROM THE TEXAS COORDINATE SYSTEM ESTABLISHED FOR THE SOUTH CENTRAL ZONE DISPLAYED IN GRID VALUES DERIVED FROM THE NGS COOPERATIVE CORS NETWORK.
36. MONUMENTS AND LOT MARKERS WILL BE SET WITH 1/2" IRON ROD WITH CAP MARKED "PAPE-DAWSON" OR MAG NAIL WITH DISK MARKED "PAPE-DAWSON" AFTER THE COMPLETION OF UTILITY INSTALLATION AND STREET CONSTRUCTION UNLESS NOTED OTHERWISE.
37. DIMENSIONS SHOWN ARE SURFACE.
38. BEARINGS ARE BASED ON THE NORTH AMERICAN DATUM OF 1983 NAD83 (NA2011) EPOCH 2010.00, FROM THE TEXAS COORDINATE SYSTEM ESTABLISHED FOR THE SOUTH CENTRAL ZONE.
39. LOT 1, BLOCK B, AND LOT 29, BLOCK C, ARE DESIGNATED AS OPEN SPACE EASEMENTS. LOT 19, BLOCK A, AND LOT 18, BLOCK D, ARE DESIGNATED AS OPEN SPACE AND DRAINAGE EASEMENTS, BLOCK S, LOT 26, IS DESIGNATED AS OPEN SPACE AND AN AMENITY CENTER.

6 CREEKS-PHASE 1, SECTION 15
Civil Job No. 8141-43; Survey Job No. 8141-08
Date: Nov 05, 2024, 9:43am User ID: rherbert
File: C:\Users\LOCAL_~1\Temp\AcPublish_13264\PL814143.dwg

FINAL PLAT OF
6 CREEKS-PHASE 1, SECTION 15

A TOTAL OF 46.923 ACRES, CONSISTING OF A 45.768 ACRE TRACT OUT OF THE 608.70 ACRE TRACT DESCRIBED IN DEED TO HM 6 CREEKS DEVELOPMENT, INC., RECORDED IN DOCUMENT NO. 22044745, IN THE OFFICIAL PUBLIC RECORDS OF HAYS COUNTY, TEXAS, AND A TOTAL OF 1.155 ACRES OF OFFSITE EASEMENTS ON SAID 608.70 ACRE TRACT, OUT OF THE SAMUEL L. PHARASS ¼ LEAGUE, SURVEY NO. 14, ABSTRACT 360, AND CALEB W. BAKER SURVEY, ABSTRACT 31, HAYS COUNTY, TEXAS.

PAPE-DAWSON ENGINEERS
2000 NW LOOP 410 I SAN ANTONIO, TX 78213 I 210.375.9000
TEXAS ENGINEERING FIRM #470 I TEXAS SURVEYING FIRM #10028800

DATE OF PREPARATION: November 5, 2024

THE STATE OF TEXAS §
COUNTY OF TRAVIS §

KNOW ALL MEN BY THESE PRESENTS, THAT HM 6 CREEKS DEVELOPMENT, INC., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF TEXAS, WITH ITS HOME ADDRESS AT 2901 BEE CAVES ROAD, SUITE F, AUSTIN, TEXAS, AS CONVEYED TO IT BY DEED, RECORDED SEPTEMBER 21, 2022, IN DOCUMENT NUMBER 22044745, OF THE OFFICIAL PUBLIC RECORDS OF HAYS COUNTY, TEXAS, DOES HEREBY SUBDIVIDE 46.923 ACRES OF LAND OUT OF THE SAMUEL PHARASS 1/4 LEAGUE, SURVEY NO. 14, ABSTRACT 360, AND CALEB W. BAKER SURVEY, ABSTRACT NO. 31, TO BE KNOWN AS:

6 CREEKS-PHASE 1, SECTION 15

IN ACCORDANCE WITH THE PLAT SHOWN HEREON, SUBJECT TO ANY AND ALL EASEMENTS OR RESTRICTIONS HERETOFORE GRANTED, AND DO HEREBY DEDICATE TO THE PUBLIC THE USE OF THE STREETS AND EASEMENTS SHOWN HEREON.

_____
HM 6 CREEKS DEVELOPMENT, INC.
BY: JAY HANNA
PRESIDENT
2901 BEE CAVES ROAD, SUITE F
AUSTIN, TEXAS 78703

THE STATE OF TEXAS §
COUNTY OF TRAVIS §

BEFORE ME, THE UNDERSIGNED AUTHORITY ON THIS DAY PERSONALLY APPEARED _____, KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT, AND HE/SHE ACKNOWLEDGED TO ME THAT HE/SHE EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATIONS THEREIN EXPRESSED AND IN THE CAPACITY THEREIN AND HEREIN SET OUT, AND AS THE ACT AND DEED OF SAID CORPORATION, GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS DAY OF _____, A.D. 20____.

_____
NOTARY PUBLIC, STATE OF TEXAS

_____
PRINTED NOTARY'S NAME

MY COMMISSION EXPIRES: _____

THE STATE OF TEXAS §
COUNTY OF BEXAR §

I, THE UNDERSIGNED, A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF TEXAS, HEREBY CERTIFY, THAT THIS PLAT IS TRUE AND CORRECT, THAT IT WAS PREPARED FROM AN ACTUAL SURVEY OF THE PROPERTY MADE UNDER MY SUPERVISION ON THE GROUND, AND THAT ALL NECESSARY SURVEY MONUMENTS ARE CORRECTLY SET OR FOUND AS SHOWN THEREON.

PRELIMINARY, THIS DOCUMENT SHALL NOT BE RECORDED FOR ANY PURPOSE AND SHALL NOT BE USED OR VIEWED OR RELIED UPON AS A FINAL SURVEY DOCUMENT.

_____ _____
KEITH WOOLEY DATE
REGISTERED PROFESSIONAL LAND SURVEYOR NO. 5463
STATE OF TEXAS
PAPE-DAWSON ENGINEERS, INC.
TBPELS, TEXAS SURVEYING FIRM #10028800
2000 NW LOOP 410
SAN ANTONIO, TX 78213

THE STATE OF TEXAS §
COUNTY OF BEXAR §

I, THE UNDERSIGNED, A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF TEXAS, HEREBY CERTIFY THAT PROPER ENGINEERING CONSIDERATION HAS BEEN GIVEN THIS PLAT.

_____ _____
REBECCA ANN CARROLL DATE
REGISTERED PROFESSIONAL ENGINEER NO. 92666
PAPE-DAWSON ENGINEERS, INC.
TBPELS, TEXAS ENGINEERING FIRM #470
2000 NW LOOP 410
SAN ANTONIO, TX 78213

I, THE UNDERSIGNED, DIRECTOR OF THE HAYS COUNTY DEVELOPMENT SERVICES DEPARTMENT, HEREBY CERTIFY THAT THIS SUBDIVISION PLAT CONFORMS TO ALL HAYS COUNTY REQUIREMENTS AS STATED IN THE INTERLOCAL COOPERATION AGREEMENT BETWEEN HAYS COUNTY AND THE CITY OF KYLE FOR SUBDIVISION REGULATIONS WITHIN THE EXTRATERRITORIAL JURISDICTION.

_____
MARCUS PACHECO,
DIRECTOR
HAYS COUNTY DEVELOPMENT SERVICES

I, THE UNDERSIGNED, DIRECTOR OF THE HAYS COUNTY DEVELOPMENT SERVICES DEPARTMENT, HEREBY CERTIFY THAT THIS SUBDIVISION PLAT CONFORMS TO ALL HAYS COUNTY REQUIREMENTS AS STATED IN THE HAYS COUNTY DEVELOPMENT REGULATIONS AND/OR HAYS COUNTY RULES FOR ON-SITE SEWAGE FACILITIES.

_____
MARCUS PACHECO,
DIRECTOR
HAYS COUNTY DEVELOPMENT SERVICES

I, THE UNDERSIGNED, FLOODPLAIN ADMINISTRATOR OF HAYS COUNTY, HEREBY CERTIFY THAT THIS SUBDIVISION PLAT CONFORMS TO ALL HAYS COUNTY FLOODPLAIN REQUIREMENTS AS STATED IN THE HAYS COUNTY DEVELOPMENT REGULATIONS.

_____
ERIC VAN GAASBEEK, R.S., C.F.M.
FLOODPLAIN ADMINISTRATOR
HAYS COUNTY DEVELOPMENT SERVICES

STATE OF TEXAS
COUNTY OF HAYS

I, ELAINE H. CARDENAS, COUNTY CLERK OF HAYS COUNTY, TEXAS, DO HEREBY CERTIFY THAT THE FOREGOING INSTRUMENT OF WRITING WITH ITS CERTIFICATE OF AUTHENTICATION WAS FILED FOR RECORD IN MY OFFICE ON THE _____ DAY OF _____, A.D. 20_____, AT _____ O'CLOCK _____M., IN THE PLAT RECORDS OF HAYS COUNTY, IN TEXAS IN INSTRUMENT NUMBER _____.
WITNESS MY HAND AND SEAL OF OFFICE, THIS _____ DAY OF _____, A.D., 20_____.

_____
ELAINE H. CARDENAS
COUNTY CLERK
HAYS COUNTY, TEXAS

STATE OF TEXAS
COUNTY OF HAYS

I, THE UNDERSIGNED, CITY ENGINEER OF THE CITY OF KYLE, HEREBY CERTIFY THAT THIS PLAT CONFORMS TO THE REQUIREMENTS OF THE SUBDIVISION ORDINANCE AND HEREBY RECOMMEND APPROVAL.

_____
CITY ENGINEER

I, THE UNDERSIGNED, DIRECTOR OF PUBLIC WORK OF THE CITY OF KYLE, HEREBY CERTIFY THAT THIS SUBDIVISION PLAT CONFORMS TO THE CITY OF KYLE SUBDIVISION ORDINANCE AND HEREBY RECOMMEND APPROVAL.

_____
DIRECTOR OF PUBLIC WORKS

THIS PLAT HAS BEEN SUBMITTED TO AND CONSIDERED BY THE PLANNING AND ZONING COMMISSION OF THE CITY KYLE, TEXAS, AND IS HEREBY APPROVED BY SUCH PLANNING AND ZONING COMMISSION.

DATED THIS _____ DAY OF _____, 20_____.

_____
CHAIRPERSON

I HEREBY CERTIFY THAT THE ABOVE AND FOREGOING PLAT OF 6 CREEKS-PHASE 1, SECTION 15, ADDITION TO THE CITY OF KYLE, TEXAS, WAS APPROVED BY THE CITY COUNCIL OF THE CITY OF KYLE ON THE DAY OF _____, 20____, SAID ADDITION SHALL BE SUBJECT TO ALL THE REQUIREMENTS OF THE SUBDIVISION ORDINANCE OF THE CITY OF KYLE, TEXAS.

WITNESS MY HAND THIS _____ DAY OF _____, 20_____.

_____
CITY SECRETARY

6 CREEKS-PHASE 1, SECTION 15
Civil Job No. 8141-43; Survey Job No. 8141-08
Date: Nov 05, 2024, 9:43am User ID: rhertert
File: C:\Users\LOCAL_~1\Temp\AcPublish_13264\Plt8141-43.dwg

PRELIMINARY PLAT
OF
6 CREEKS-PHASE 1, SECTION 18A1

A TOTAL OF 15.261 ACRES, COMPRISED OF A PORTION OF THE 608.7 ACRE TRACT DESCRIBED IN DOCUMENT NO. 22044745 IN THE OFFICIAL PUBLIC RECORDS OF HAYS COUNTY, TEXAS, IN THE CALEB W BAKER SURVEY NO. 15, ABSTRACT 31, AND IN THE SAMUEL PHARASS ¼ LEAGUE, SURVEY NO. 14, ABSTRACT 360, PARTIALLY IN THE CITY OF KYLE, HAYS COUNTY, TEXAS.

PAPE-DAWSON ENGINEERS

SAN ANTONIO | AUSTIN | HOUSTON | FORT WORTH | DALLAS
2000 NW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #10028800

DATE OF PREPARATION: January 9, 2025

SCALE: 1"= 100'

100' 0' 50' 100'

OWNER/DEVELOPER:
HM 6 CREEKS DEVELOPMENT, INC.
2901 BEE CAVES ROAD, SUITE F
AUSTIN, TEXAS 78746
(512) 481-0303 P
(512) 481-0333 F

ACREAGE: 15.261 ACRES

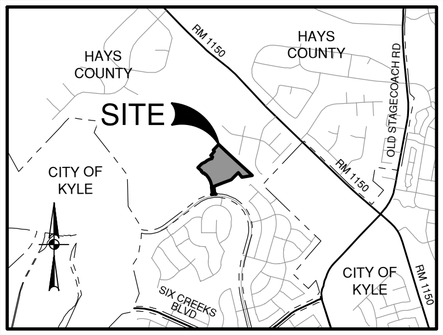
SURVEY: SAMUEL PHARASS 1/4 LEAGUE
SURVEY NO. 14
ABSTRACT 360

CALEB W BAKER
SURVEY NO. 15
ABSTRACT 31

PROPOSED RESIDENTIAL LOTS: 50
PROPOSED OPEN SPACE LOTS: 5

DATE: January, 09, 2025

ENGINEER & SURVEYOR:
PAPE-DAWSON ENGINEERS
2000 NW LOOP 410
SAN ANTONIO, TX 78213
(210) 375-9000 P
(210) 375-9010 F



LOCATION MAP
NOT-TO-SCALE

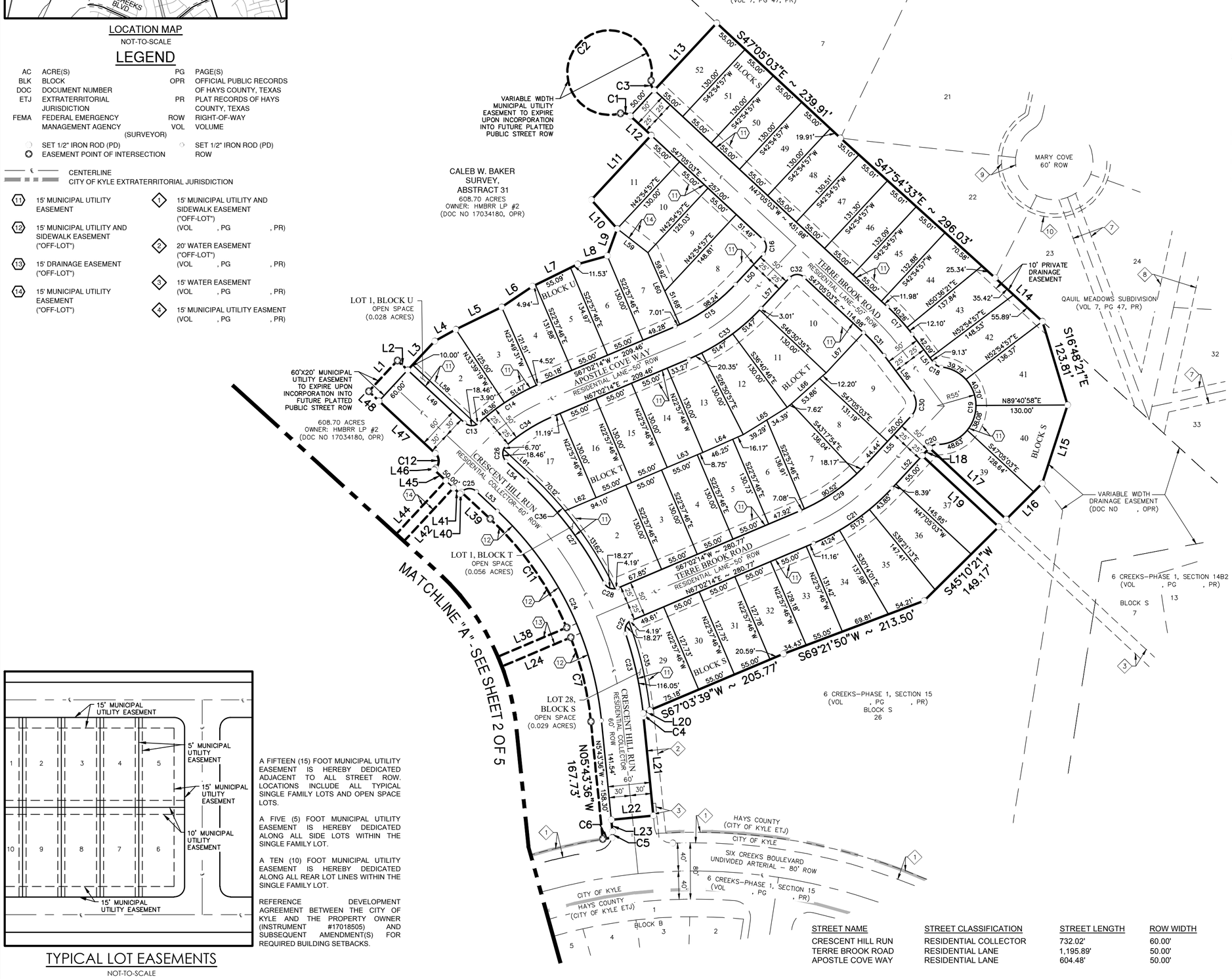
LEGEND

AC	ACRE(S)	PG	PAGE(S)
BLK	BLOCK	OPR	OFFICIAL PUBLIC RECORDS OF HAYS COUNTY, TEXAS
DOC	DOCUMENT NUMBER		
ETJ	EXTRATERRITORIAL JURISDICTION	PR	PLAT RECORDS OF HAYS COUNTY, TEXAS
FEMA	FEDERAL EMERGENCY MANAGEMENT AGENCY	ROW	RIGHT-OF-WAY
	(SURVEYOR)	VOL	VOLUME
	SET 1/2" IRON ROD (PD)		SET 1/2" IRON ROD (PD)
	EASEMENT POINT OF INTERSECTION		ROW

CENTERLINE
CITY OF KYLE EXTRATERRITORIAL JURISDICTION

(11) 15' MUNICIPAL UTILITY EASEMENT
(12) 15' MUNICIPAL UTILITY AND SIDEWALK EASEMENT ("OFF-LOT")
(13) 15' DRAINAGE EASEMENT ("OFF-LOT")
(14) 15' MUNICIPAL UTILITY EASEMENT ("OFF-LOT")

(1) 15' MUNICIPAL UTILITY AND SIDEWALK EASEMENT ("OFF-LOT") (VOL , PG , PR)
(2) 20' WATER EASEMENT ("OFF-LOT") (VOL , PG , PR)
(3) 15' WATER EASEMENT (VOL , PG , PR)
(4) 15' MUNICIPAL UTILITY EASMENT (VOL , PG , PR)



TYPICAL LOT EASEMENTS
NOT-TO-SCALE

A FIFTEEN (15) FOOT MUNICIPAL UTILITY EASEMENT IS HEREBY DEDICATED ADJACENT TO ALL STREET ROW. LOCATIONS INCLUDE ALL TYPICAL SINGLE FAMILY LOTS AND OPEN SPACE LOTS.

A FIVE (5) FOOT MUNICIPAL UTILITY EASEMENT IS HEREBY DEDICATED ALONG ALL SIDE LOTS WITHIN THE SINGLE FAMILY LOT.

A TEN (10) FOOT MUNICIPAL UTILITY EASEMENT IS HEREBY DEDICATED ALONG ALL REAR LOT LINES WITHIN THE SINGLE FAMILY LOT.

REFERENCE DEVELOPMENT AGREEMENT BETWEEN THE CITY OF KYLE AND THE PROPERTY OWNER (INSTRUMENT #17018505) AND SUBSEQUENT AMENDMENT(S) FOR REQUIRED BUILDING SETBACKS.

STREET NAME	STREET CLASSIFICATION	STREET LENGTH	ROW WIDTH
CRESCENT HILL RUN	RESIDENTIAL COLLECTOR	732.02'	60.00'
TERRE BROOK ROAD	RESIDENTIAL LANE	1,195.89'	50.00'
APOSTLE COVE WAY	RESIDENTIAL LANE	604.48'	50.00'

6 CREEKS-PHASE 1, SECTION 18A1
Civil Job No. 8141-64; Survey Job No. 8141-08

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PRELIMINARY PLAT
OF
6 CREEKS-PHASE 1, SECTION 18A1

A TOTAL OF 15.261 ACRES, COMPRISED OF A PORTION OF THE 608.7 ACRE TRACT DESCRIBED IN DOCUMENT NO. 22044745 IN THE OFFICIAL PUBLIC RECORDS OF HAYS COUNTY, TEXAS, IN THE CALEB W BAKER SURVEY NO. 15, ABSTRACT 31, AND IN THE SAMUEL PHARASS ¼ LEAGUE, SURVEY NO. 14, ABSTRACT 360, PARTIALLY IN THE CITY OF KYLE, HAYS COUNTY, TEXAS.

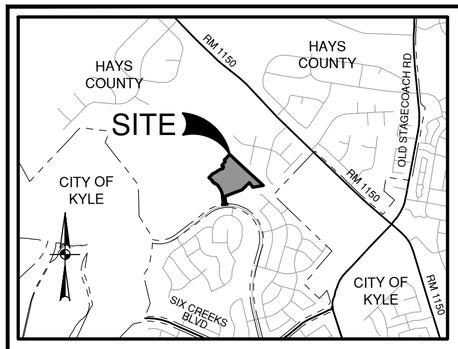
PAPE-DAWSON ENGINEERS

SAN ANTONIO | AUSTIN | HOUSTON | FORT WORTH | DALLAS
2000 NW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #10028800

DATE OF PREPARATION: January 9, 2025

SCALE: 1"= 100'

100' 0' 50' 100'



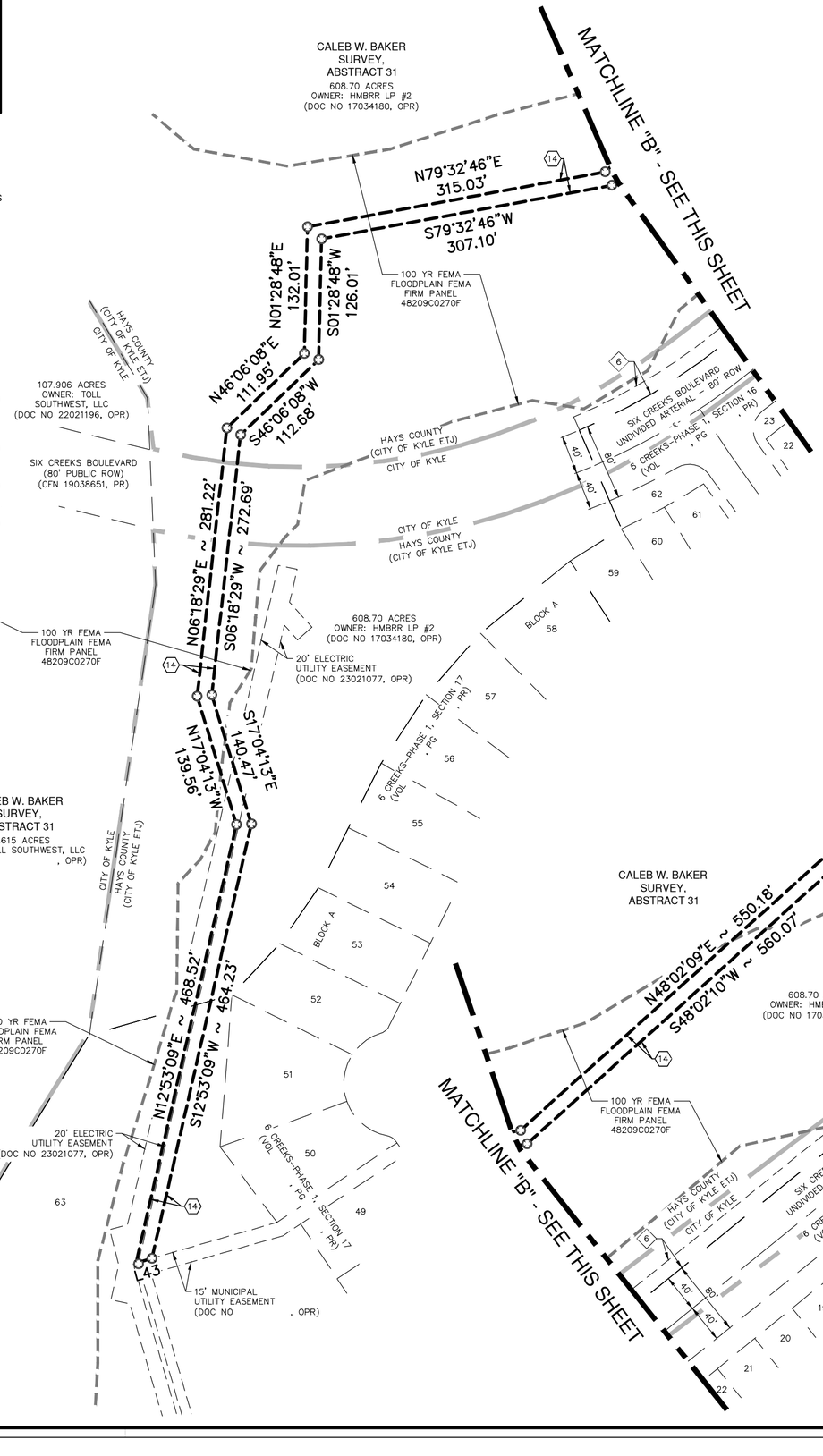
LOCATION MAP
NOT-TO-SCALE

LEGEND

AC	ACRE(S)	PG	PAGE(S)
BLK	BLOCK	OPR	OFFICIAL PUBLIC RECORDS OF HAYS COUNTY, TEXAS
DOC	DOCUMENT NUMBER		
ETJ	EXTRATERRITORIAL JURISDICTION	PR	PLAT RECORDS OF HAYS COUNTY, TEXAS
FEMA	FEDERAL EMERGENCY MANAGEMENT AGENCY	ROW	RIGHT-OF-WAY
	(SURVEYOR)	VOL	VOLUME
	SET 1/2" IRON ROD (PD)		SET 1/2" IRON ROD (PD)
	EASEMENT POINT OF INTERSECTION		ROW

CENTERLINE
CITY OF KYLE EXTRATERRITORIAL JURISDICTION

- (11) 15' MUNICIPAL UTILITY EASEMENT
- (12) 15' MUNICIPAL UTILITY AND SIDEWALK EASEMENT ("OFF-LOT")
- (13) 15' DRAINAGE EASEMENT ("OFF-LOT")
- (14) 15' MUNICIPAL UTILITY EASEMENT ("OFF-LOT")
- (1) 15' MUNICIPAL UTILITY AND SIDEWALK EASEMENT ("OFF-LOT") (VOL , PG , PR)
- (2) 20' WATER EASEMENT ("OFF-LOT") (VOL , PG , PR)
- (3) 15' WATER EASEMENT (VOL , PG , PR)
- (4) 15' MUNICIPAL UTILITY EASMENT (VOL , PG , PR)



SHEET 2 OF 5

6 CREEKS-PHASE 1, SECTION 18A1
Civil Job No. 8141-64; Survey Job No. 8141-08

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PRELIMINARY PLAT
OF
6 CREEKS-PHASE 1, SECTION 18A1

A TOTAL OF 15.261 ACRES, COMPRISED OF A PORTION OF THE 608.7 ACRE TRACT DESCRIBED IN DOCUMENT NO. 22044745 IN THE OFFICIAL PUBLIC RECORDS OF HAYS COUNTY, TEXAS, IN THE CALEB W BAKER SURVEY NO. 15, ABSTRACT 31, AND IN THE SAMUEL PHARASS ¼ LEAGUE, SURVEY NO. 14, ABSTRACT 360, PARTIALLY IN THE CITY OF KYLE, HAYS COUNTY, TEXAS.

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TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #10028800

DATE OF PREPARATION: January 9, 2025

LOT SUMMARY

BLOCK	LOT	LOT WIDTH	LOT AREA	ROW FRONTAGE
S	28	N/A	1258.24 SF	134.32'
S	29	50.00'	7894.01 SF	53.80'
S	30	55.00'	7025.89 SF	55.00'
S	31	55.00'	7027.14 SF	55.00'
S	32	55.00'	7052.19 SF	55.00'
S	33	55.00'	7166.57 SF	55.00'
S	34	55.02'	8151.98 SF	52.40'
S	35	55.03'	9172.87 SF	51.73'
S	36	55.02'	9049.37 SF	52.23'
S	37	55.00'	8086.66 SF	55.00'
S	39	55.00'	7463.66 SF	61.23'
S	40	55.76'	10590.33 SF	38.08'
S	41	55.55'	10234.60 SF	40.70'
S	42	55.00'	7869.09 SF	61.25'
S	43	55.00'	8174.79 SF	54.19'
S	44	55.02'	8246.11 SF	52.25'
S	45	55.00'	7290.56 SF	55.00'
S	46	55.00'	7245.77 SF	55.00'
S	47	55.00'	7200.98 SF	55.00'
S	48	55.00'	7159.12 SF	55.00'
S	49	55.00'	7150.00 SF	55.00'
S	50	55.00'	7150.00 SF	55.00'
S	51	55.00'	7150.00 SF	55.00'
S	52	55.00'	7150.00 SF	55.00'
T	1	N/A	2456.88 SF	260.15'
T	2	68.24'	10437.73 SF	72.04'
T	3	55.00'	7150.00 SF	55.00'
T	4	55.00'	7150.00 SF	55.00'
T	5	55.00'	7166.94 SF	55.00'
T	6	55.00'	7318.83 SF	55.00'
T	7	83.86'	9068.74 SF	90.52'
T	8	61.31'	7782.83 SF	62.61'
T	9	58.66'	10581.98 SF	195.51'
T	10	61.80'	9992.58 SF	200.14'
T	11	55.04'	8063.28 SF	51.47'
T	12	55.04'	8063.28 SF	51.47'
T	13	55.01'	7522.71 SF	53.62'
T	14	55.00'	7150.00 SF	55.00'
T	15	55.00'	7150.00 SF	55.00'
T	16	55.00'	7150.00 SF	55.00'
T	17	83.73'	9023.98 SF	96.36'
U	1	N/A	1203.16 SF	128.47'
U	2	50.02'	8229.30 SF	50.26'
U	3	55.04'	7571.75 SF	51.47'
U	4	55.00'	7067.28 SF	54.70'
U	5	55.00'	7338.18 SF	55.00'
U	6	55.00'	7332.93 SF	55.00'
U	7	56.03'	7782.04 SF	56.29'
U	8	51.49'	10124.69 SF	231.88'
U	9	55.00'	7530.55 SF	55.00'
U	10	55.00'	7013.28 SF	55.00'
U	11	55.00'	7012.50 SF	55.00'

LINE TABLE

LINE #	BEARING	LENGTH
L1	N42°54'57"E	60.00'
L2	S47°05'03"E	20.00'
L3	N42°54'57"E	56.20'
L4	N61°04'26"E	34.08'
L5	N64°00'10"E	72.61'
L6	N55°55'25"E	52.58'
L7	N63°49'21"E	71.56'
L8	N74°23'27"E	43.85'
L9	N20°01'57"E	40.82'
L10	N41°53'23"W	55.23'
L11	N42°54'57"E	125.00'
L12	N47°05'03"W	40.52'
L13	N42°54'57"E	130.00'
L14	S47°18'35"E	91.31'
L15	S17°57'04"W	117.10'
L16	S45°10'21"W	72.20'
L17	S47°05'03"E	148.70'
L18	N42°54'57"E	15.00'
L19	S47°05'03"E	148.11'
L20	S66°34'21"W	10.46'
L21	S5°43'36"E	141.54'
L22	S84°16'24"W	60.00'
L23	S5°43'36"E	16.76'
L24	S67°02'14"W	173.23'
L25	S22°57'46"E	10.56'
L26	S67°02'14"W	47.93'
L27	S10°51'10"W	34.31'
L28	S59°56'28"E	43.23'
L29	S7°37'43"E	24.71'
L30	S42°54'57"W	90.56'
L31	S40°06'17"E	83.91'
L32	S51°02'01"W	95.30'
L33	N38°57'59"W	10.51'
L34	S51°02'01"W	60.00'
L35	S78°54'07"W	105.31'
L37	S47°05'03"E	28.61'
L38	N67°02'14"E	173.43'
L39	N47°05'03"W	55.57'
L40	S42°54'57"W	3.16'
L41	N47°05'03"W	12.50'
L42	S42°54'57"W	760.51'
L43	S73°55'02"W	17.15'

LINE TABLE

LINE #	BEARING	LENGTH
L44	N42°54'57"E	765.41'
L45	N47°05'03"W	22.50'
L46	N42°54'57"E	3.16'
L47	N47°05'03"W	109.00'
L48	N47°05'03"W	20.00'
L49	N47°05'03"W	110.00'
L50	S42°54'57"W	58.59'
L51	N37°05'03"W	51.23'
L52	N42°54'57"E	78.39'
L53	S47°05'03"E	40.57'
L54	N47°05'03"W	39.22'
L55	S42°54'57"W	94.44'
L56	S37°05'03"E	66.97'
L57	N42°54'57"E	58.59'
L58	N47°05'03"W	124.15'
L59	S52°14'57"E	55.22'
L60	S23°42'03"E	111.60'
L61	N47°05'03"W	53.36'
L62	N67°02'14"E	47.86'
L63	N67°02'14"E	55.00'
L64	N66°07'46"E	62.42'
L65	N58°14'08"E	73.68'
L66	N48°24'20"E	73.68'
L67	N42°54'57"E	77.90'

CURVE TABLE

CURVE #	RADIUS	DELTA	CHORD BEARING	CHORD	LENGTH
C1	15.00'	57°46'09"	N75°58'07"W	14.49'	15.12'
C2	60.00'	295°32'17"	S42°54'57"W	64.00'	309.49'
C3	15.00'	57°46'09"	S18°11'58"E	14.49'	15.12'
C4	530.00'	0°28'54"	N5°58'03"W	4.45'	4.45'
C5	25.00'	20°40'37"	N4°36'43"E	8.97'	9.02'
C6	850.00'	0°54'13"	S81°41'25"W	13.40'	13.40'
C7	455.00'	15°32'10"	N13°29'41"W	123.00'	123.38'
C8	835.00'	4°59'29"	S53°31'46"W	72.72'	72.74'
C9	25.00'	89°59'59"	S83°57'59"E	35.36'	39.27'
C11	455.00'	23°55'56"	N35°07'04"W	188.67'	190.05'
C12	15.00'	90°00'00"	N2°05'03"W	21.21'	23.56'
C13	15.00'	85°25'32"	S89°47'49"E	20.35'	22.36'
C14	300.00'	19°32'48"	S57°15'49"W	101.85'	102.35'
C15	250.00'	24°07'16"	N54°58'36"E	104.47'	105.25'
C16	15.00'	90°00'00"	N2°05'03"W	21.21'	23.56'
C17	300.00'	10°00'00"	N42°05'03"W	52.29'	52.36'
C18	15.00'	47°05'20"	S60°37'42"E	11.98'	12.33'
C19	55.00'	174°10'40"	N2°54'57"E	109.86'	167.20'
C20	15.71'	45°57'19"	S65°52'53"W	12.27'	12.60'
C21	325.00'	24°07'16"	N54°58'36"E	135.81'	136.82'
C22	15.00'	85°47'28"	S24°08'30"W	20.42'	22.46'
C23	530.00'	13°01'38"	N12°14'25"W	120.25'	120.51'
C24	470.00'	41°21'27"	N26°24'19"W	331.94'	339.26'
C25	15.00'	90°00'00"	S87°54'57"W	21.21'	23.56'
C26	15.00'	96°08'13"	S0°59'04"W	22.32'	25.17'
C27	530.00'	19°54'44"	N37°07'41"W	183.27'	184.19'
C28	15.00'	85°47'28"	S70°04'03"E	20.42'	22.46'
C29	275.00'	24°07'16"	N54°58'36"E	114.92'	115.77'
C30	25.00'	80°00'00"	N2°54'57"E	32.14'	34.91'
C31	250.00'	10°00'00"	N42°05'03"W	43.58'	43.63'
C32	15.00'	90°00'00"	S87°54'57"W	21.21'	23.56'
C33	300.00'	24°07'16"	N54°58'36"E	125.37'	126.30'
C34	250.00'	17°59'04"	S58°02'42"W	78.15'	78.47'
C35	540.00'	13°42'39"	N13°23'32"W	128.91'	129.22'
C36	540.00'	21°24'21"	N36°22'52"W	200.57'	201.75'

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PRELIMINARY PLAT
OF
6 CREEKS-PHASE 1, SECTION 18A1

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DATE OF PREPARATION: January 9, 2025

FINAL PLAT NOTES:

1. THIS FINAL PLAT IS LOCATED ENTIRELY WITHIN HAYS COUNTY.
2. THIS SUBDIVISION IS WITHIN THE ETJ OF THE CITY OF KYLE, TEXAS.
3. THIS PLAT IS LOCATED WITHIN THE BOUNDARY OF THE HAYS CONSOLIDATED INDEPENDENT SCHOOL DISTRICT.
4. THIS SITE IS LOCATED WITHIN HAYS COUNTY ESD #5 AND #9.
5. A PORTION OF THIS PROPERTY IS LOCATED WITHIN A DESIGNATED 100-YEAR FLOOD PLAIN AS DELINEATED ON THE FLOOD INSURANCE RATE MAP NO. 48209C0270F AND 48209C0385F, EFFECTIVE DATES OF SEPTEMBER 2, 2005, AS PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY.
6. THIS PLAT FALLS WITHIN THE BOUNDARIES OF THE EDWARDS AQUIFER CONTRIBUTING ZONE WITHIN THE TRANSITION ZONE. NO PORTION OF THIS PLAT FALLS WITHIN THE EDWARDS AQUIFER RECHARGE ZONE.
7. THIS SITE IS LOCATED WITHIN THE BARTON SPRINGS/EDWARDS AQUIFER CONSERVATION DISTRICT.
8. THIS PLAT HAS BEEN PREPARED IN ACCORDANCE WITH THE HAYS COUNTY REQUIREMENTS AS APPLICABLE TO THIS DEVELOPMENT.
9. CONSTRUCTION STANDARDS AND SPECIFICATIONS WILL BE AS AGREED TO IN THE BLANCO RIVER RANCH (PHASE ONE RESIDENTIAL AREA) DE-ANNEXATION AND DEVELOPMENT AGREEMENT APPROVED BY THE HAYS COUNTY COMMISSIONER'S COURT ON MARCH 21, 2017.
10. ALL STREETS SHALL BE DESIGNED IN ACCORDANCE WITH APPLICABLE HAYS COUNTY REQUIREMENTS AND APPROVED BY THE HAYS COUNTY TRANSPORTATION DEPARTMENT AND UPON ACCEPTANCE SHALL BE DEDICATED TO THE COUNTY FOR MAINTENANCE.
11. ROAD WAY CLASSIFICATIONS ARE PER THE BLANCO RIVER RANCH (PHASE 1 RESIDENTIAL AREA) DE-ANNEXATION AND DEVELOPMENT AGREEMENT (INSTRUMENT # 17018505).
12. ALL STREETS TO BE PUBLIC, PAVED AND MAINTAINED BY THE COUNTY.
13. STREETS TO BE ACCESSED WILL BE CONSTRUCTED WITH CURB AND GUTTER.
14. LINEAR FOOTAGE OF STREET IMPROVEMENTS: ±2,532 L.F.
15. AREA WITHIN NEW ROAD RIGHT-OF-WAY = 3.017 ACRES.
16. IN ORDER TO PROMOTE SAFE USE OF ROADWAYS AND PRESERVE THE CONDITIONS OF PUBLIC ROADWAYS, NO DRIVEWAY CONSTRUCTED ON ANY LOT WITHIN THIS SUBDIVISION SHALL BE PERMITTED TO ACCESS ONTO A PUBLIC ROADWAY UNLESS (A) A PERMIT FOR USE OF THE COUNTY ROADWAY RIGHT-OF-WAY HAS BEEN ISSUED UNDER CHAPTER 751, AND, (B) THE DRIVEWAY SATISFIES THE MINIMUM SPACING REQUIREMENT SET FORTH IN CHAPTER 721 OF THE HAYS COUNTY DEVELOPMENT REGULATIONS.
17. THE REQUIREMENT CONCERNING CONSTRUCTION STANDARDS FOR MAILBOXES INSTALLED WITHIN THE RIGHT-OF-WAY OF STREETS AND HIGHWAYS AND REQUIRING ALL SUCH MAILBOXES TO BE MADE OF COLLAPSIBLE MATERIALS, AS DEFINED IN THE ORDINANCE. COMMUNITY MAILBOXES SHALL HAVE A SEPARATE LIGHT/STREET LIGHT TO ILLUMINATE THE MAILBOX AREA.
18. FOR THE TWO (2), FIVE (5), TEN (10), TWENTY-FIVE (25), AND ONE HUNDRED (100) YEAR, TWENTY-FOUR (24) HOUR STORM EVENTS, POST DEVELOPED CONDITION RUNOFF RATES SHALL BE LESS THAN OR EQUAL TO THE PRE-DEVELOPED CONDITION RUNOFF RATES. PRE AND POST DEVELOPMENT RUNOFF CALCULATIONS SHALL BE INCLUDED WITH THE CONSTRUCTION DRAWINGS FOR THIS SUBDIVISION.
19. ALL CULVERTS, WHEN REQUIRED SHALL COMPLY WITH THE CURRENT HAYS COUNTY STANDARD, PER HAYS COUNTY DEVELOPMENT REGULATIONS, CHAPTER 705, SUBCHAPTER 8.03.
20. POST CONSTRUCTION STORMWATER CONTROL MEASURES SHALL HAVE A MAINTENANCE PLAN. THE MAINTENANCE PLAN MUST BE FILED IN THE REAL PROPERTY RECORDS OF THE COUNTY IN WHICH THE PROPERTY IS LOCATED. THE OWNER OR OPERATOR OF ANY NEW DEVELOPMENT OR REDEVELOPED SITE SHALL DEVELOP AND IMPLEMENT A MAINTENANCE PLAN ADDRESSING MAINTENANCE REQUIREMENTS FOR ANY STRUCTURAL CONTROL MEASURES INSTALLED ON SITE. OPERATION AND MAINTENANCE PERFORMED SHALL BE DOCUMENTED AND RETAINED ON SITE, SUCH AS AT THE OFFICES OF THE OWNER OR OPERATOR, AND MADE AVAILABLE FOR REVIEW BY THE CITY.
21. NO OBJECT INCLUDING FENCING OR LANDSCAPING WHICH WOULD INTERFERE WITH CONVEYANCE OF STORM WATER SHALL BE PLACED OR ERECTED WITHIN DRAINAGE EASEMENTS.
22. MAINTENANCE OF EASEMENTS, DETENTION PONDS AND RIGHT OF WAYS TO THE PAVEMENT TO BE THE RESPONSIBILITY OF THE PROPERTY OWNERS AND/OR PROPERTY AND/OR HOMEOWNERS ASSOCIATIONS.
23. SIDEWALKS, PEDESTRIAN CROSSINGS AND OTHER PUBLIC AMENITIES THAT ARE TO BE DEDICATED TO THE CITY OF KYLE SHALL MEET OR EXCEED ALL 2010 ADA STANDARDS OF ACCESSIBILITY DESIGN AND ALL CURRENT FEDERAL AND STATE LAWS REGARDING ACCESS FOR PEOPLE WITH DISABILITIES FOR TITLE II ENTITIES.
24. SIDEWALKS SHALL BE INSTALLED ON THE SUBDIVISION SIDE OF CRESCENT HILL RUN. THOSE SIDEWALKS NOT ABUTTING A RESIDENTIAL, COMMERCIAL OR INDUSTRIAL LOT SHALL BE INSTALLED WHEN THE ADJOINING STREET IS CONSTRUCTED WHERE THERE ARE DOUBLE FRONTAGE LOTS, SIDEWALKS ON THE STREET TO WHICH ACCESS IS PROHIBITED ARE ALSO REQUIRED TO BE INSTALLED WHEN THE STREETS IN THE SUBDIVISION ARE CONSTRUCTED. (ORD #439, ARTICLE V, SEC 10; KYLE CODE)
25. THE MAINTENANCE OF SIDEWALKS SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNERS OR HOMEOWNERS ASSOCIATION OR THEIR SUCCESSORS AND NOT THE RESPONSIBILITY OF THE CITY OF KYLE OR HAYS COUNTY.
26. IN APPROVING THIS PLAT BY THE COMMISSIONERS COURT OF HAYS COUNTY, TEXAS, IT IS UNDERSTOOD THAT THE BUILDING OF ALL STREETS, ROADS, AND OTHER PUBLIC THOROUGHFARES DELINEATED AND SHOWN ON THIS PLAT, AND ALL BRIDGES AND CULVERTS NECESSARY TO BE CONSTRUCTED OR PLACED IN SUCH STREETS, ROADS, OR OTHER PUBLIC THOROUGHFARES, OR IN CONNECTION THEREWITH SHALL BE THE RESPONSIBILITY OF THE OWNER AND / OR THE DEVELOPER OF THE TRACT OF LAND COVERED BY THIS PLAT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS PRESCRIBED BY THE COMMISSIONERS COURT OF HAYS COUNTY, TEXAS AND THE COMMISSIONERS COURT OF HAYS COUNTY, TEXAS, ASSUMES NO OBLIGATION TO BUILD THE STREETS, ROADS, OR OTHER PUBLIC THOROUGHFARES SHOWN ON THIS PLAT OR OF CONSTRUCTING ANY BRIDGES OR CULVERTS IN CONNECTION THEREWITH.
27. WATER IS PROVIDED BY THE CITY OF KYLE, TEXAS. (512) 262-3960
28. THE WASTEWATER TREATMENT PLANT IS OWNED AND OPERATED BY THE CITY OF KYLE, TEXAS. (512) 262-3960
29. WASTEWATER SERVICE IS PROVIDED BY THE CITY OF KYLE, TEXAS (SEE NOTE ABOVE). (512) 262-3960
30. ELECTRICITY PROVIDED BY PEDERNALES ELECTRIC COMPANY. (888) 554-4732
31. GAS IS PROVIDED BY CENTERPOINT ENERGY. (800) 427-7142
32. INTERNET/PHONE IS PROVIDED BY SPECTRUM. (855) 855-4575
33. TRASH IS PROVIDED BY TEXAS DISPOSAL SYSTEMS. (800) 375-8375
34. NO STRUCTURE IN THIS SUBDIVISION SHALL BE OCCUPIED UNTIL CONNECTED TO AN INDIVIDUAL WATER SUPPLY OR A STATE-APPROVED COMMUNITY WATER SYSTEM. DUE TO DECLINING WATER SUPPLIES AND DIMINISHING WATER QUALITY, PROSPECTIVE PROPERTY OWNERS ARE CAUTIONED BY HAYS COUNTY TO QUESTION THE SELLER CONCERNING GROUNDWATER AVAILABILITY. RAINWATER COLLECTION IS ENCOURAGED AND IN SOME AREAS MAY OFFER THE BEST RENEWABLE WATER RESOURCE.
35. NO STRUCTURE IN THIS SUBDIVISON SHALL BE OCCUPIED UNTIL CONNECTED TO A PUBLIC SEWER SYSTEM OR TO AN ON-SITE WATERWATER SYSTEM WHICH HAS BEEN APPROVED AND PERMITTED BY HAYS COUNTY DEVELOPMENT SERVICES.
36. A FIFTEEN (15) FOOT MUNICIPAL UTILITY EASEMENT IS HEREBY DEDICATED ADJACENT TO ALL STREET ROW. A FIVE (5) FOOT MUNICIPAL UTILITY EASEMENT IS HEREBY DEDICATED ALONG ALL SIDE LOTS WITHIN THE SINGLE FAMILY LOT. A TEN (10) FOOT MUNICIPAL EASEMENT IS HEREBY DEDICATED ALONG ALL REAR LOT LINES WITHIN THE SINGLE FAMILY LOT.
37. COORDINATES SHOWN ARE BASED ON THE NORTH AMERICAN DATUM OF 1983 NAD83 (NA2011) EPOCH 2010.00 FROM THE TEXAS COORDINATE SYSTEM ESTABLISHED FOR THE SOUTH CENTRAL ZONE DISPLAYED IN GRID VALUES DERIVED FROM THE NGS COOPERATIVE CORS NETWORK.
38. MONUMENTS AND LOT MARKERS WILL BE SET WITH 1/2" IRON ROD WITH CAP MARKED "PAPE-DAWSON" OR MAG NAIL WITH DISK MARKED "PAPE-DAWSON" AFTER THE COMPLETION OF UTILITY INSTALLATION AND STREET CONSTRUCTION UNLESS NOTED OTHERWISE.
39. DIMENSIONS SHOWN ARE SURFACE.
40. BEARINGS ARE BASED ON THE NORTH AMERICAN DATUM OF 1983 NAD83 (NA2011) EPOCH 2010.00, FROM THE TEXAS COORDINATE SYSTEM ESTABLISHED FOR THE SOUTH CENTRAL ZONE.
41. CLEAR VISION AREAS MUST BE FREE OF VISUAL OBSTRUCTIONS IN ACCORDANCE WITH THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO) POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS, OR LATEST REVISION THEREOF.

NO CONSTRUCTION OR OTHER DEVELOPMENT WITHIN THIS SUBDIVISION MAY BEGIN UNTIL ALL HAYS COUNTY DEVELOPMENT PERMIT REQUIREMENTS HAVE BEEN MET.

6 CREEKS-PHASE 1, SECTION 18A1
Civil Job No. 8141-64; Survey Job No. 8141-08
Date: Jan 09, 2025, 12:01pm User ID: rhebert
File: C:\Users\LOCAL_~1\Temp\AcPublish_8976\Pl_814164.dwg

PRELIMINARY PLAT
OF
6 CREEKS-PHASE 1, SECTION 18A1

A TOTAL OF 15.261 ACRES, COMPRISED OF A PORTION OF THE 608.7 ACRE TRACT DESCRIBED IN DOCUMENT NO. 22044745 IN THE OFFICIAL PUBLIC RECORDS OF HAYS COUNTY, TEXAS, IN THE CALEB W BAKER SURVEY NO. 15, ABSTRACT 31, AND IN THE SAMUEL PHARASS ¼ LEAGUE, SURVEY NO. 14, ABSTRACT 360, PARTIALLY IN THE CITY OF KYLE, HAYS COUNTY, TEXAS.

PAPE-DAWSON ENGINEERS
SAN ANTONIO | AUSTIN | HOUSTON | FORT WORTH | DALLAS
2000 NW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #10028800

DATE OF PREPARATION: January 9, 2025

THE STATE OF TEXAS §
COUNTY OF TRAVIS §

KNOW ALL MEN BY THESE PRESENTS, THAT HM 6 CREEKS DEVELOPMENT, INC., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF TEXAS, WITH ITS HOME ADDRESS AT 2901 BEE CAVES ROAD, SUITE F, AUSTIN, TEXAS, AS CONVEYED TO IT BY DEED, RECORDED SEPTEMBER 21, 2022, IN DOCUMENT NUMBER 22044745, OF THE OFFICIAL PUBLIC RECORDS OF HAYS COUNTY, TEXAS, DOES HEREBY SUBDIVIDE 15.261 ACRES OF LAND OUT OF THE SAMUEL PHARASS 1/4 LEAGUE, SURVEY NO. 14, ABSTRACT 360, AND CALEB W. BAKER SURVEY, ABSTRACT NO. 31, TO BE KNOWN AS:

6 CREEKS-PHASE 1, SECTION 18A1

IN ACCORDANCE WITH THE PLAT SHOWN HEREON, SUBJECT TO ANY AND ALL EASEMENTS OR RESTRICTIONS HERETOFORE GRANTED, AND DO HEREBY DEDICATE TO THE PUBLIC THE USE OF THE STREETS AND EASEMENTS SHOWN HEREON.

_____
HM 6 CREEKS DEVELOPMENT, INC.
BY: JAY HANNA
PRESIDENT
2901 BEE CAVES ROAD, SUITE F
AUSTIN, TEXAS 78703

THE STATE OF TEXAS §
COUNTY OF TRAVIS §

BEFORE ME, THE UNDERSIGNED AUTHORITY ON THIS DAY PERSONALLY APPEARED _____, KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT, AND HE/SHE ACKNOWLEDGED TO ME THAT HE/SHE EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATIONS THEREIN EXPRESSED AND IN THE CAPACITY THEREIN AND HEREIN SET OUT, AND AS THE ACT AND DEED OF SAID CORPORATION, GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS DAY OF _____, A.D. 20____.

_____
NOTARY PUBLIC, STATE OF TEXAS

_____
PRINTED NOTARY'S NAME

MY COMMISSION EXPIRES _____

THE STATE OF TEXAS §
COUNTY OF BEXAR §

I, THE UNDERSIGNED, A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF TEXAS, HEREBY CERTIFY, THAT THIS PLAT IS TRUE AND CORRECT, THAT IT WAS PREPARED FROM AN ACTUAL SURVEY OF THE PROPERTY MADE UNDER MY SUPERVISION ON THE GROUND, AND THAT ALL NECESSARY SURVEY MONUMENTS ARE CORRECTLY SET OR FOUND AS SHOWN THEREON.

PRELIMINARY, THIS DOCUMENT SHALL NOT BE RECORDED FOR ANY PURPOSE AND SHALL NOT BE USED OR VIEWED OR RELIED UPON AS A FINAL SURVEY DOCUMENT.

_____ DATE
KEITH WOOLEY
REGISTERED PROFESSIONAL LAND SURVEYOR NO. 5463
STATE OF TEXAS
PAPE-DAWSON ENGINEERS
TBPELS, TEXAS SURVEYING FIRM #10028800
2000 NW LOOP 410
SAN ANTONIO, TX 78213

THE STATE OF TEXAS §
COUNTY OF BEXAR §

I, THE UNDERSIGNED, A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF TEXAS, HEREBY CERTIFY THAT PROPER ENGINEERING CONSIDERATION HAS BEEN GIVEN THIS PLAT.

_____ DATE
REBECCA ANN CARROLL
REGISTERED PROFESSIONAL ENGINEER NO. 92666
PAPE-DAWSON ENGINEERS
TBPELS, TEXAS ENGINEERING FIRM #470
2000 NW LOOP 410
SAN ANTONIO, TX 78213

I, THE UNDERSIGNED, DIRECTOR OF THE HAYS COUNTY DEVELOPMENT SERVICES DEPARTMENT, HEREBY CERTIFY THAT THIS SUBDIVISION PLAT CONFORMS TO ALL HAYS COUNTY REQUIREMENTS AS STATED IN THE INTERLOCAL COOPERATION AGREEMENT BETWEEN HAYS COUNTY AND THE CITY OF KYLE FOR SUBDIVISION REGULATIONS WITHIN THE EXTRATERRITORIAL JURISDICTION.

_____
MARCUS PACHECO,
DIRECTOR
HAYS COUNTY DEVELOPMENT SERVICES

I, THE UNDERSIGNED, DIRECTOR OF THE HAYS COUNTY DEVELOPMENT SERVICES DEPARTMENT, HEREBY CERTIFY THAT THIS SUBDIVISION PLAT CONFORMS TO ALL HAYS COUNTY REQUIREMENTS AS STATED IN THE HAYS COUNTY DEVELOPMENT REGULATIONS AND/OR HAYS COUNTY RULES FOR ON-SITE SEWAGE FACILITIES.

_____
MARCUS PACHECO,
DIRECTOR
HAYS COUNTY DEVELOPMENT SERVICES

I, THE UNDERSIGNED, FLOODPLAIN ADMINISTRATOR OF HAYS COUNTY, HEREBY CERTIFY THAT THIS SUBDIVISION PLAT CONFORMS TO ALL HAYS COUNTY FLOODPLAIN REQUIREMENTS AS STATED IN THE HAYS COUNTY DEVELOPMENT REGULATIONS.

_____
ERIC VAN GAASBEEK, R.S., C.F.M.
FLOODPLAIN ADMINISTRATOR
HAYS COUNTY DEVELOPMENT SERVICES

STATE OF TEXAS
COUNTY OF HAYS

I, ELAINE H. CARDENAS, COUNTY CLERK OF HAYS COUNTY, TEXAS, DO HEREBY CERTIFY THAT THE FOREGOING INSTRUMENT OF WRITING WITH ITS CERTIFICATE OF AUTHENTICATION WAS FILED FOR RECORD IN MY OFFICE ON THE _____ DAY OF _____, A.D. 20_____, AT _____ O'CLOCK _____M., IN THE PLAT RECORDS OF HAYS COUNTY, IN TEXAS IN INSTRUMENT NUMBER _____.

WITNESS MY HAND AND SEAL OF OFFICE, THIS _____ DAY OF _____, A.D., 20_____.

_____
ELAINE H. CARDENAS
COUNTY CLERK
HAYS COUNTY, TEXAS

STATE OF TEXAS
COUNTY OF HAYS

I, THE UNDERSIGNED, CITY ENGINEER OF THE CITY OF KYLE, HEREBY CERTIFY THAT THIS PLAT CONFORMS TO THE REQUIREMENTS OF THE SUBDIVISION ORDINANCE AND HEREBY RECOMMEND APPROVAL.

_____
CITY ENGINEER

I, THE UNDERSIGNED, DIRECTOR OF WATER UTILITIES OF THE CITY OF KYLE, HEREBY CERTIFY THAT THIS SUBDIVISION PLAT CONFORMS TO THE CITY OF KYLE SUBDIVISION ORDINANCE AND HEREBY RECOMMEND APPROVAL.

_____
DIRECTOR OF WATER UTILITIES

THIS PLAT HAS BEEN SUBMITTED TO AND CONSIDERED BY THE PLANNING AND ZONING COMMISSION OF THE CITY KYLE, TEXAS, AND IS HEREBY APPROVED BY SUCH PLANNING AND ZONING COMMISSION.

DATED THIS _____ DAY OF _____, 20_____.

_____
CHAIRPERSON

I HEREBY CERTIFY THAT THE ABOVE AND FOREGOING PLAT OF 6 CREEKS-PHASE 1, SECTION 18A1, ADDITION TO THE CITY OF KYLE, TEXAS, WAS APPROVED BY THE CITY COUNCIL OF THE CITY OF KYLE ON THE DAY OF _____, 20____. SAID ADDITION SHALL BE SUBJECT TO ALL THE REQUIREMENTS OF THE SUBDIVISION ORDINANCE OF THE CITY OF KYLE, TEXAS.

WITNESS MY HAND THIS _____ DAY OF _____, 20_____.

_____
CITY SECRETARY

6 CREEKS-PHASE 1, SECTION 18A1
Civil Job No. 8141-64; Survey Job No. 8141-08
Date: Jan 09, 2025, 12:01pm User ID: rherbert
File: C:\Users\LOCAL_~1\Temp\AcPublish_8976\PLAT4164.dwg

PRELIMINARY PLAT
OF
6 CREEKS-PHASE 1, SECTION 19

A TOTAL OF 22.927 ACRES, COMPRISED OF A PORTION OF THE 608.7 ACRE TRACT DESCRIBED IN DOCUMENT NO. 22044745 IN THE OFFICIAL PUBLIC RECORDS OF HAYS COUNTY, TEXAS, IN THE CALEB W BAKER SURVEY NO. 15, ABSTRACT 31, AND IN THE SAMUEL PHARASS ¼ LEAGUE, SURVEY NO. 14, ABSTRACT 360, PARTIALLY IN THE CITY OF KYLE, HAYS COUNTY, TEXAS.

PAPE-DAWSON ENGINEERS

SAN ANTONIO | AUSTIN | HOUSTON | FORT WORTH | DALLAS
2000 NW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #10028800

DATE OF PREPARATION: January 9, 2025

SCALE: 1"= 100'

100' 0' 50' 100'

OWNER/DEVELOPER:
HM 6 CREEKS DEVELOPMENT, INC.
2901 BEE CAVES ROAD, SUITE F
AUSTIN, TEXAS 78746
(512) 481-0303 P
(512) 481-0333 F

ACREAGE: 22.478 ACRES

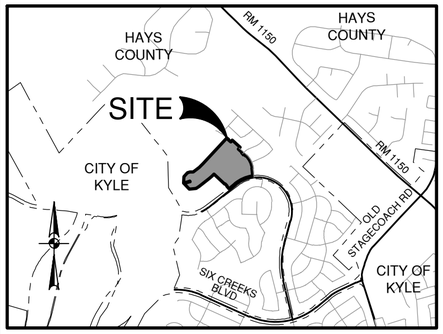
SURVEY: SAMUEL PHARASS 1/4 LEAGUE
SURVEY NO. 14
ABSTRACT 360

CALEB W BAKER
SURVEY NO. 15
ABSTRACT 31

PROPOSED RESIDENTIAL LOTS: 64
PROPOSED OPEN SPACE LOTS: 5

DATE: January, 09, 2025

ENGINEER & SURVEYOR:
PAPE-DAWSON ENGINEERS
2000 NW LOOP 410
SAN ANTONIO, TX 78213
(210) 375-9000 P
(210) 375-9010 F



LOCATION MAP
NOT-TO-SCALE

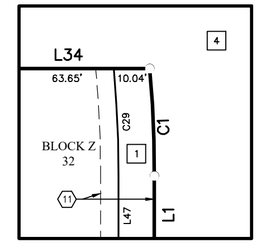
LEGEND

AC	ACRE(S)	PG	PAGE(S)
BLK	BLOCK	OPR	OFFICIAL PUBLIC RECORDS OF HAYS COUNTY, TEXAS
DOC	DOCUMENT NUMBER	PR	PLAT RECORDS OF HAYS COUNTY, TEXAS
ETJ	EXTRATERRITORIAL JURISDICTION	ROW	RIGHT-OF-WAY
FEMA	FEDERAL EMERGENCY MANAGEMENT AGENCY	VOL	VOLUME
	SET 1/2" IRON ROD (PD)		SET 1/2" IRON ROD (PD)
	EASEMENT POINT OF INTERSECTION		ROW

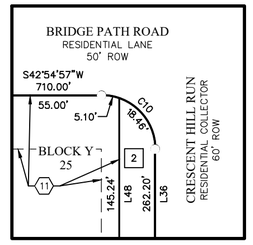
- CENTERLINE
- CITY OF KYLE EXTRATERRITORIAL JURISDICTION
- EFFECTIVE (EXISTING) FEMA 1% ANNUAL CHANCE (100-YR) FLOODPLAIN
- HAYS COUNTY BEST AVAILABLE FLOODPLAIN

- (6) VARIABLE WIDTH CLEAR VISION EASEMENT
- (11) 15' MUNICIPAL UTILITY EASMENT
- (12) 15' DRAINAGE EASEMENT
- (13) 15' MUNICIPAL UTILITY EASMENT ("OFF-LOT")
- (1) 15' MUNICIPAL UTILITY AND SIDEWALK EASEMENT ("OFF-LOT") (VOL , PG , PR)
- (2) 15' MUNICIPAL UTILITY EASEMENT (VOL , PG , PR)
- (3) 15' MUNICIPAL UTILITY AND SIDEWALK EASEMENT ("OFF-LOT") (VOL , PG , PR)
- (4) 15' MUNICIPAL UTILITY EASMENT ("OFF-LOT") (VOL , PG , PR)

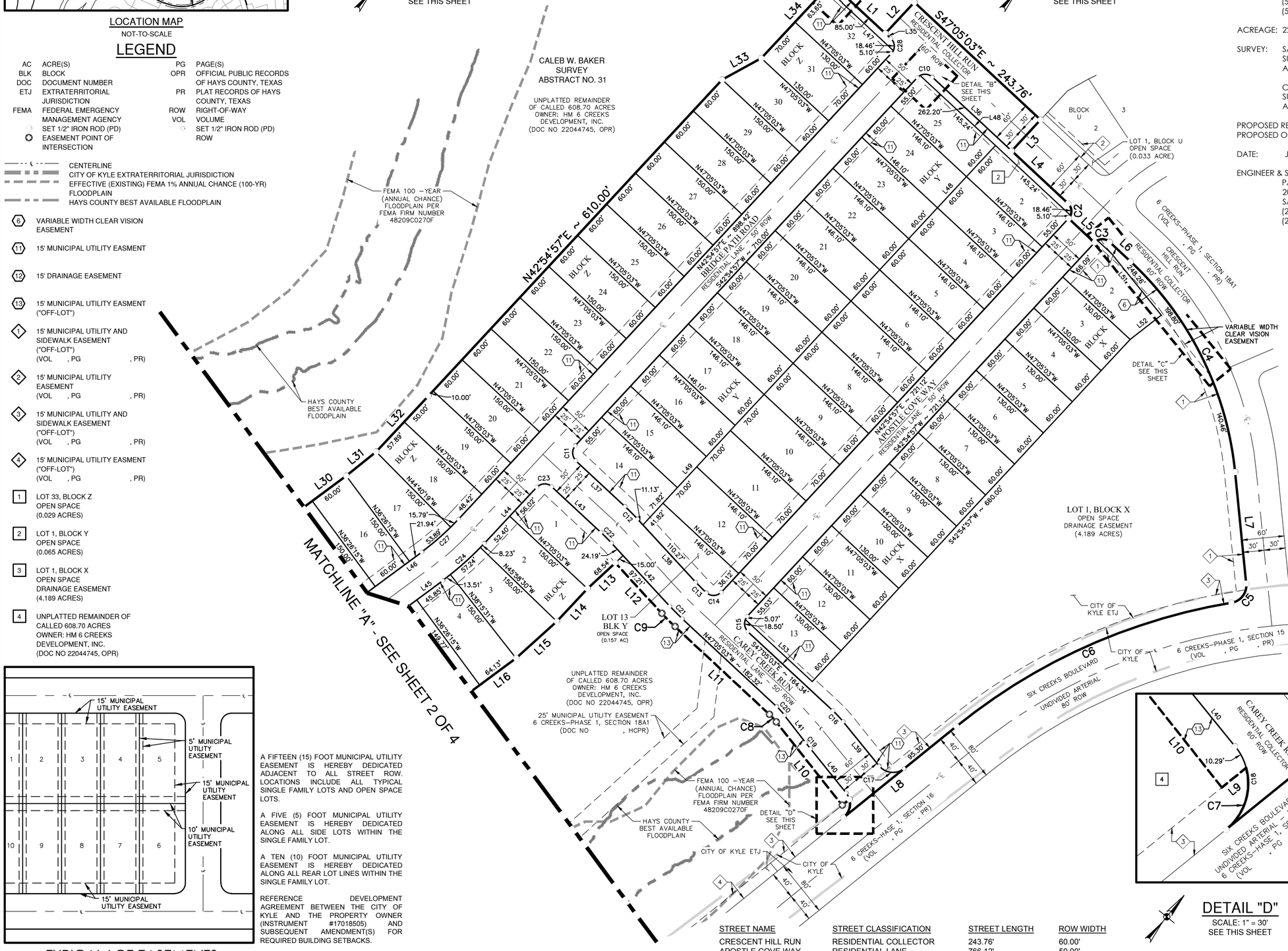
- [1] LOT 33, BLOCK Z OPEN SPACE (0.029 ACRES)
- [2] LOT 1, BLOCK Y OPEN SPACE (0.065 ACRES)
- [3] LOT 1, BLOCK X OPEN SPACE DRAINAGE EASEMENT (4.189 ACRES)
- [4] UNPLATTED REMAINDER OF CALLED 608.70 ACRES OWNER: HM 6 CREEKS DEVELOPMENT, INC. (DOC NO 22044745, OPR)



DETAIL "A"
SCALE: 1" = 30'
SEE THIS SHEET



DETAIL "B"
SCALE: 1" = 30'
SEE THIS SHEET



TYPICAL LOT EASEMENTS
NOT-TO-SCALE

A FIFTEEN (15) FOOT MUNICIPAL UTILITY EASEMENT IS HEREBY DEDICATED ADJACENT TO ALL STREET ROW. LOCATIONS INCLUDE ALL TYPICAL SINGLE FAMILY LOTS AND OPEN SPACE LOTS.

A FIVE (5) FOOT MUNICIPAL UTILITY EASEMENT IS HEREBY DEDICATED ALONG ALL SIDE LOTS WITHIN THE SINGLE FAMILY LOT.

A TEN (10) FOOT MUNICIPAL UTILITY EASEMENT IS HEREBY DEDICATED ALONG ALL REAR LOT LINES WITHIN THE SINGLE FAMILY LOT.

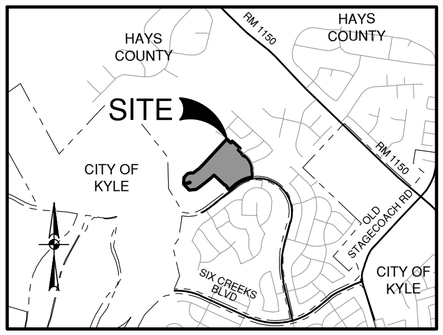
REFERENCE DEVELOPMENT AGREEMENT BETWEEN THE CITY OF KYLE AND THE PROPERTY OWNER (INSTRUMENT #17018505) AND SUBSEQUENT AMENDMENT(S) FOR REQUIRED BUILDING SETBACKS.

STREET NAME	STREET CLASSIFICATION	STREET LENGTH	ROW WIDTH
CRESCENT HILL RUN	RESIDENTIAL COLLECTOR	243.76'	60.00'
APOSTLE COVE WAY	RESIDENTIAL LANE	766.12'	50.00'
BRIDGE PATH ROAD	RESIDENTIAL LANE	1344.07'	50.00'
CAREY CREEK RUN	VARIES	670.10'	50.00' MIN

6 CREEKS-PHASE 1, SECTION 19
Civil Job No. 8141-56; Survey Job No. 8141-08
Date: Jan 09, 2025, 11:46am User ID: rherbert
File: C:\Users\LOCAL_~1\Temp\AcPublish_8976\PLB141156.dwg

PRELIMINARY PLAT
OF
6 CREEKS-PHASE 1, SECTION 19

A TOTAL OF 22.927 ACRES, COMPRISED OF A PORTION OF THE 608.7 ACRE TRACT DESCRIBED IN DOCUMENT NO. 22044745 IN THE OFFICIAL PUBLIC RECORDS OF HAYS COUNTY, TEXAS, IN THE CALEB W BAKER SURVEY NO. 15, ABSTRACT 31, AND IN THE SAMUEL PHARASS ¼ LEAGUE, SURVEY NO. 14, ABSTRACT 360, PARTIALLY IN THE CITY OF KYLE, HAYS COUNTY, TEXAS.



LOCATION MAP
NOT-TO-SCALE

LEGEND

AC	ACRE(S)	PG	PAGE(S)
BLK	BLOCK	OPR	OFFICIAL PUBLIC RECORDS OF HAYS COUNTY, TEXAS
DOC	DOCUMENT NUMBER	PR	PLAT RECORDS OF HAYS COUNTY, TEXAS
ETJ	EXTRATERRITORIAL JURISDICTION	ROW	RIGHT-OF-WAY
FEMA	FEDERAL EMERGENCY MANAGEMENT AGENCY	VOL	VOLUME
○	SET 1/2" IRON ROD (PD)	○	SET 1/2" IRON ROD (PD)
⊙	EASEMENT POINT OF INTERSECTION		ROW

- CENTERLINE
- CITY OF KYLE EXTRATERRITORIAL JURISDICTION
- EFFECTIVE (EXISTING) FEMA 1% ANNUAL CHANCE (100-YR) FLOODPLAIN
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(6) VARIABLE WIDTH CLEAR VISION EASEMENT

(11) 15' MUNICIPAL UTILITY EASMENT

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◇1 15' MUNICIPAL UTILITY AND SIDEWALK EASEMENT ("OFF-LOT") (VOL , PG , PR)

◇2 15' MUNICIPAL UTILITY EASEMENT (VOL , PG , PR)

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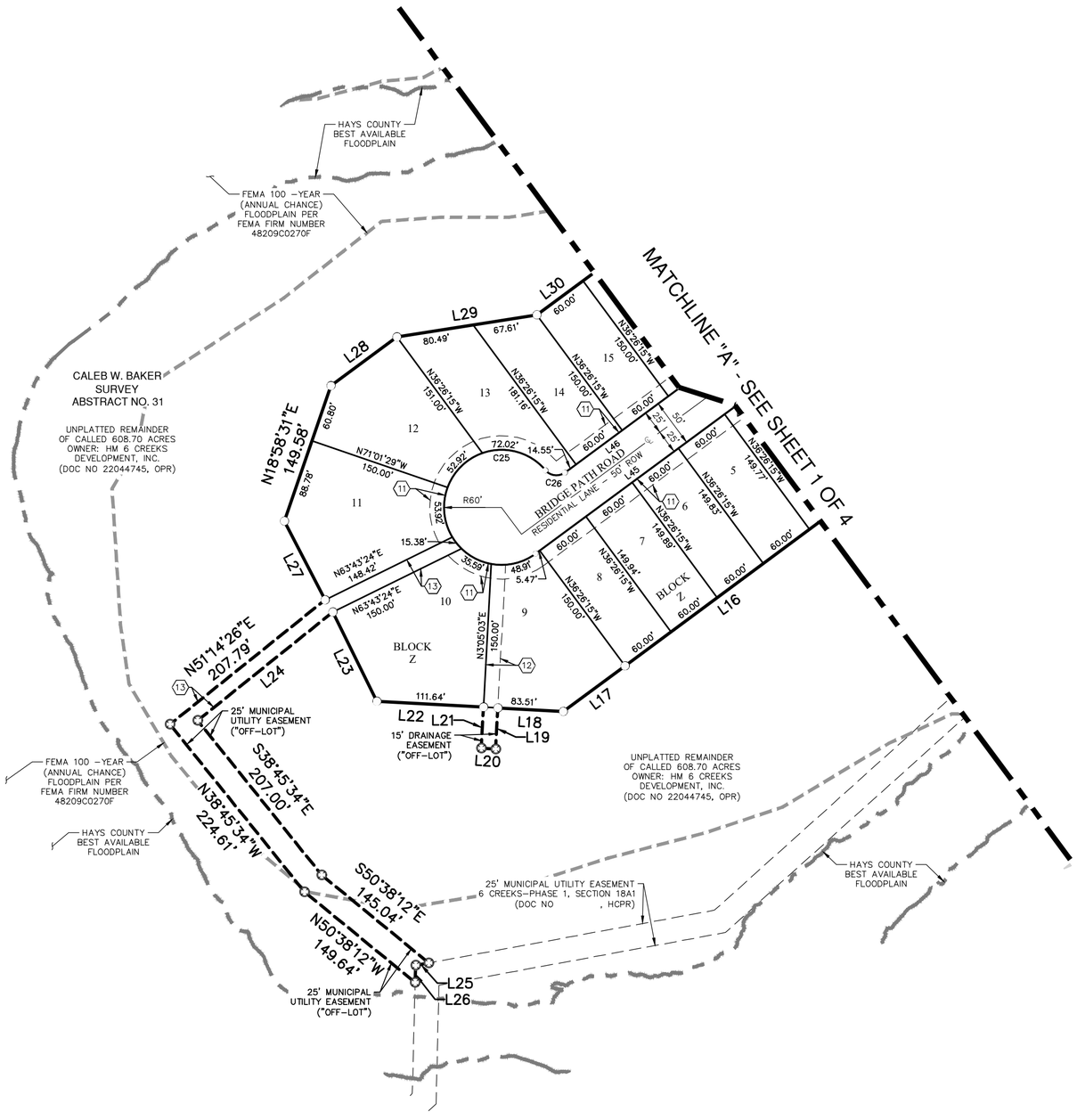
◇4 15' MUNICIPAL UTILITY EASMENT ("OFF-LOT") (VOL , PG , PR)

[1] LOT 33, BLOCK Z
OPEN SPACE
(0.029 ACRES)

[2] LOT 1, BLOCK Y
OPEN SPACE
(0.065 ACRES)

[3] LOT 1, BLOCK X
OPEN SPACE
DRAINAGE EASEMENT
(4.189 ACRES)

[4] UNPLATTED REMAINDER OF CALLED 608.70 ACRES
OWNER: HM 6 CREEKS DEVELOPMENT, INC.
(DOC NO 22044745, OPR)



PAPE-DAWSON ENGINEERS

SAN ANTONIO | AUSTIN | HOUSTON | FORT WORTH | DALLAS
2000 NW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #10028800

DATE OF PREPARATION: January 9, 2025

SCALE: 1"= 100'
100' 0' 50' 100'

OWNER/DEVELOPER:
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AUSTIN, TEXAS 78746
(512) 481-0303 P
(512) 481-0333 F

ACREAGE: 22.927 ACRES

SURVEY: SAMUEL PHARASS 1/4 LEAGUE
SURVEY NO. 14
ABSTRACT 360

CALEB W BAKER
SURVEY NO. 15
ABSTRACT 31

PROPOSED RESIDENTIAL LOTS: 64
PROPOSED OPEN SPACE LOTS: 5

DATE: January, 09, 2025

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6 CREEKS-PHASE 1, SECTION 19
Civil Job No. 8141-56; Survey Job No. 8141-08
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File: C:\Users\LOCAL_~1\Temp\AcPublish_8976\PL814156.dwg

PRELIMINARY PLAT
OF
6 CREEKS-PHASE 1, SECTION 19

A TOTAL OF 22.927 ACRES, COMPRISED OF A PORTION OF THE 608.7 ACRE TRACT DESCRIBED IN DOCUMENT NO. 22044745 IN THE OFFICIAL PUBLIC RECORDS OF HAYS COUNTY, TEXAS, IN THE CALEB W BAKER SURVEY NO. 15, ABSTRACT 31, AND IN THE SAMUEL PHARASS ¼ LEAGUE, SURVEY NO. 14, ABSTRACT 360, PARTIALLY IN THE CITY OF KYLE, HAYS COUNTY, TEXAS.

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2000 NW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #10028800

DATE OF PREPARATION: January 9, 2025

LINE TABLE

LINE #	BEARING	LENGTH
L1	S47°05'03"E	74.45'
L2	N42°54'57"E	60.00'
L3	S42°54'57"W	60.00'
L4	S47°05'03"E	109.00'
L5	S47°05'03"E	50.00'
L6	S47°05'03"E	40.57'
L7	S5°43'36"E	158.30'
L8	S51°02'01"W	205.30'
L9	S51°02'01"W	13.17'
L10	N38°24'16"W	150.20'
L11	N47°05'03"W	182.22'
L12	N42°40'18"W	97.21'
L13	S47°19'42"W	53.54'
L14	S43°00'47"W	63.53'
L15	S47°52'59"W	77.38'
L16	S53°30'28"W	304.13'
L17	S53°33'45"W	80.17'
L18	N86°54'57"W	68.51'
L19	S3°05'03"W	42.97'
L20	N86°54'57"W	15.00'
L21	N3°05'03"E	42.97'
L22	N86°54'57"W	111.64'
L23	N26°16'36"W	104.20'
L24	S51°14'26"W	181.15'
L25	S79°32'46"W	14.08'
L26	S1°28'48"W	18.05'
L27	N27°15'16"W	92.72'

LINE TABLE

LINE #	BEARING	LENGTH
L28	N53°33'45"E	85.84'
L29	N81°00'12"E	148.10'
L30	N53°33'45"E	120.00'
L31	N51°06'36"E	54.21'
L32	N43°01'19"E	107.89'
L33	N61°21'03"E	63.25'
L34	N42°54'57"E	143.69'
L35	N47°05'03"W	10.55'
L36	N47°05'03"W	153.20'
L37	S47°05'03"E	95.00'
L38	S42°40'18"E	121.40'
L39	S38°57'59"E	80.88'
L40	N38°57'59"W	80.05'
L41	N37°41'04"W	48.82'
L42	N42°40'18"W	121.40'
L43	N47°05'03"W	95.00'
L44	S42°54'57"W	108.42'
L45	S53°33'45"W	291.32'
L46	N53°33'45"E	216.49'
L47	N47°05'03"W	99.14'
L48	N42°54'57"E	60.00'
L48	N47°05'03"W	290.49'
L49	N42°54'57"E	60.00'
L50	N47°05'03"W	27.12'
L51	N38°58'30"W	112.17'
L52	N52°11'03"E	56.00'
L53	S47°05'03"E	129.15'

CURVE TABLE

CURVE #	RADIUS	DELTA	CHORD BEARING	CHORD	LENGTH
C1	345.00'	4°59'19"	S49°34'41"E	30.03'	30.04'
C2	15.00'	90°00'00"	S2°05'03"E	21.21'	23.56'
C3	15.00'	90°00'00"	S87°54'57"W	21.21'	23.56'
C4	470.00'	41°21'27"	S26°24'19"E	331.94'	339.26'
C5	25.00'	86°34'01"	S37°33'27"W	34.28'	37.77'
C6	835.00'	29°33'57"	S65°49'00"W	426.11'	430.88'
C7	25.00'	66°25'19"	N17°49'22"E	27.39'	28.98'
C8	103.06'	7°54'32"	N42°21'32"W	14.21'	14.23'
C9	340.00'	4°24'45"	N44°52'40"W	26.18'	26.18'
C10	15.00'	90°00'00"	S87°54'57"W	21.21'	23.56'
C11	15.00'	90°00'00"	S2°05'03"E	21.21'	23.56'
C12	325.00'	4°24'45"	S44°52'40"E	25.02'	25.03'
C13	275.00'	4°24'45"	S44°52'40"E	21.17'	21.18'
C14	15.00'	90°00'00"	N87°54'57"E	21.21'	23.56'
C15	15.00'	90°00'00"	S2°05'03"E	21.21'	23.56'
C16	150.00'	8°07'04"	S43°01'31"E	21.23'	21.25'
C17	25.00'	90°00'00"	S83°57'59"E	35.36'	39.27'
C18	25.00'	90°00'00"	S6°02'01"W	35.36'	39.27'
C19	500.00'	1°16'55"	N38°19'31"W	11.19'	11.19'
C20	100.00'	9°23'59"	N42°23'03"W	16.39'	16.41'
C21	325.00'	4°24'45"	N44°52'40"W	25.02'	25.03'
C22	275.00'	4°24'45"	N44°52'40"W	21.17'	21.18'
C23	15.00'	90°00'00"	S87°54'57"W	21.21'	23.56'
C24	425.00'	10°38'47"	S48°14'21"W	78.86'	78.97'
C25	60.00'	266°10'39"	N6°39'04"E	87.64'	278.74'
C26	15.00'	86°10'39"	S83°20'56"E	20.49'	22.56'
C27	375.00'	10°38'47"	N48°14'21"E	69.58'	69.68'
C28	15.00'	90°00'00"	N2°05'03"W	21.21'	23.56'
C29	335.01'	5°08'16"	N49°39'10"W	30.03'	30.04'

LOT SUMMARY

BLOCK	LOT	LOT WIDTH	LOT AREA	ROW FRONTAGE
X	1	N/A	182446.87 SF	1444.78'
X	2	71.09'	8753.46 SF	71.19'
X	3	60.00'	7800.00 SF	60.00'
X	4	60.00'	7800.00 SF	60.00'
X	5	60.00'	7800.00 SF	60.00'
X	6	60.00'	7800.00 SF	60.00'
X	7	60.00'	7800.00 SF	60.00'
X	8	60.00'	7800.00 SF	60.00'
X	9	60.00'	7800.00 SF	60.00'
X	10	60.00'	7800.00 SF	60.00'
X	11	60.00'	7800.00 SF	60.00'
X	12	60.00'	7800.00 SF	60.00'
X	13	60.00'	7798.61 SF	60.10'
Y	1	N/A	2828.28 SF	299.13'
Y	2	60.00'	8764.67 SF	60.10'
Y	3	60.00'	8766.08 SF	60.00'
Y	4	60.00'	8766.08 SF	60.00'
Y	5	60.00'	8766.08 SF	60.00'
Y	6	60.00'	8766.08 SF	60.00'
Y	7	60.00'	8766.08 SF	60.00'
Y	8	60.00'	8766.08 SF	60.00'
Y	9	60.00'	8766.08 SF	60.00'
Y	10	70.00'	10227.10 SF	70.00'
Y	11	70.00'	10227.10 SF	70.00'
Y	12	70.00'	10227.10 SF	70.00'
Y	13	N/A	6858.46 SF	191.13'
Y	14	70.00'	10202.28 SF	209.72'
Y	15	60.00'	8766.08 SF	60.00'
Y	16	60.00'	8766.08 SF	60.00'
Y	17	60.00'	8766.08 SF	60.00'
Y	18	60.00'	8766.08 SF	60.00'
Y	19	60.00'	8766.08 SF	60.00'
Y	20	60.00'	8766.08 SF	60.00'
Y	21	60.00'	8766.08 SF	60.00'
Y	22	60.00'	8766.08 SF	60.00'

LOT SUMMARY

BLOCK	LOT	LOT WIDTH	LOT AREA	ROW FRONTAGE
Y	23	60.00'	8766.08 SF	60.00'
Y	24	60.00'	8766.08 SF	60.00'
Y	25	60.00'	8764.67 SF	60.10'
Z	1	71.02'	10750.84 SF	219.95'
Z	2	61.02'	9309.28 SF	60.63'
Z	3	60.02'	10033.65 SF	57.24'
Z	4	60.00'	9247.00 SF	59.36'
Z	5	60.00'	8987.96 SF	60.00'
Z	6	60.00'	8991.40 SF	60.00'
Z	7	60.00'	8994.83 SF	60.00'
Z	8	60.00'	8998.26 SF	60.00'
Z	9	71.46'	16508.57 SF	54.38'
Z	10	61.64'	19327.73 SF	35.59'
Z	11	74.32'	17843.57 SF	53.92'
Z	12	66.63'	14974.37 SF	52.92'
Z	13	71.44'	12032.81 SF	109.13'
Z	14	60.00'	9934.66 SF	60.00'
Z	15	60.00'	9000.00 SF	60.00'
Z	16	60.00'	9000.00 SF	60.00'
Z	17	71.57'	9795.52 SF	75.83'
Z	18	63.37'	9165.72 SF	64.21'
Z	19	60.00'	9002.31 SF	60.00'
Z	20	60.00'	9000.00 SF	60.00'
Z	21	60.00'	9000.00 SF	60.00'
Z	22	60.00'	9000.00 SF	60.00'
Z	23	60.00'	9000.00 SF	60.00'
Z	24	60.00'	9000.00 SF	60.00'
Z	25	60.00'	9000.00 SF	60.00'
Z	26	60.00'	9000.00 SF	60.00'
Z	27	60.00'	9000.00 SF	60.00'
Z	28	60.00'	9000.00 SF	59.94'
Z	29	60.00'	9000.00 SF	60.00'
Z	30	60.00'	8400.00 SF	60.00'
Z	31	70.00'	9100.00 SF	70.00'
Z	33	N/A	1253.52 SF	133.50'

* LOT WIDTHS ARE MEASURED AT THE FRONT BUILDING LINE.

6 CREEKS-PHASE 1, SECTION 19
Civil Job No. 8141-56; Survey Job No. 8141-08
Date: Jan 09, 2025, 11:46am User ID: rmerbert
File: C:\Users\LOCAL_~1\Temp\AcPublish_8976\FL814156.dwg

PRELIMINARY PLAT
OF
6 CREEKS-PHASE 1, SECTION 19

A TOTAL OF 22.927 ACRES, COMPRISED OF A PORTION OF THE 608.7 ACRE TRACT DESCRIBED IN DOCUMENT NO. 22044745 IN THE OFFICIAL PUBLIC RECORDS OF HAYS COUNTY, TEXAS, IN THE CALEB W BAKER SURVEY NO. 15, ABSTRACT 31, AND IN THE SAMUEL PHARASS ¼ LEAGUE, SURVEY NO. 14, ABSTRACT 360, PARTIALLY IN THE CITY OF KYLE, HAYS COUNTY, TEXAS.

PAPE-DAWSON ENGINEERS
SAN ANTONIO | AUSTIN | HOUSTON | FORT WORTH | DALLAS
2000 NW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #10028800

DATE OF PREPARATION: January 9, 2025

FINAL PLAT NOTES:

1. THIS FINAL PLAT IS LOCATED ENTIRELY WITHIN HAYS COUNTY.
2. THIS SUBDIVISION IS WITHIN THE ETJ OF THE CITY OF KYLE, TEXAS.
3. THIS PLAT IS LOCATED WITHIN THE BOUNDARY OF THE HAYS CONSOLIDATED INDEPENDENT SCHOOL DISTRICT.
4. THIS SITE IS LOCATED WITHIN HAYS COUNTY ESD #5 AND #9.
5. A PORTION OF THIS PROPERTY IS LOCATED WITHIN A DESIGNATED 100-YEAR FLOOD PLAIN AS DELINEATED ON THE FLOOD INSURANCE RATE MAP NO. 48209C0270F AND 48209C0385F, EFFECTIVE DATES OF SEPTEMBER 2, 2005, AS PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY.
6. THIS PLAT FALLS WITHIN THE BOUNDARIES OF THE EDWARDS AQUIFER CONTRIBUTING ZONE WITHIN THE TRANSITION ZONE. NO PORTION OF THIS PLAT FALLS WITHIN THE BOUNDARY OF THE EDWARDS AQUIFER RECHARGE ZONE.
7. THIS SITE IS LOCATED WITHIN THE BARTON SPRINGS/EDWARDS AQUIFER CONSERVATION DISTRICT.
8. THIS PLAT HAS BEEN PREPARED IN ACCORDANCE WITH THE HAYS COUNTY REQUIREMENTS AS APPLICABLE TO THIS DEVELOPMENT.
9. CONSTRUCTION STANDARDS AND SPECIFICATIONS WILL BE AS AGREED TO IN THE BLANCO RIVER RANCH (PHASE ONE RESIDENTIAL AREA) DE-ANNEXATION AND DEVELOPMENT AGREEMENT APPROVED BY THE HAYS COUNTY COMMISSIONER'S COURT ON MARCH 21, 2017.
10. ALL STREETS SHALL BE DESIGNED IN ACCORDANCE WITH APPLICABLE HAYS COUNTY REQUIREMENTS AND APPROVED BY THE HAYS COUNTY TRANSPORTATION DEPARTMENT AND UPON ACCEPTANCE SHALL BE DEDICATED TO THE COUNTY FOR MAINTENANCE.
11. ROAD WAY CLASSIFICATIONS ARE PER THE BLANCO RIVER RANCH (PHASE 1 RESIDENTIAL AREA) DE-ANNEXATION AND DEVELOPMENT AGREEMENT (INSTRUMENT # 17018505).
12. ALL STREETS TO BE PUBLIC, PAVED AND MAINTAINED BY HAYS COUNTY.
13. STREETS TO BE ACCESSED WILL BE CONSTRUCTED WITH CURB AND GUTTER.
14. LINEAR FOOTAGE OF STREET IMPROVEMENTS: ±3,024 L.F.
15. AREA WITHIN NEW ROAD RIGHT-OF-WAY = 3.645 ACRES.
16. IN ORDER TO PROMOTE SAFE USE OF ROADWAYS AND PRESERVE THE CONDITIONS OF PUBLIC ROADWAYS, NO DRIVEWAY CONSTRUCTED ON ANY LOT WITHIN THIS SUBDIVISION SHALL BE PERMITTED TO ACCESS ONTO A PUBLIC ROADWAY UNLESS (A) A PERMIT FOR USE OF THE COUNTY ROADWAY RIGHT-OF-WAY HAS BEEN ISSUED UNDER CHAPTER 751, AND, (B) THE DRIVEWAY SATISFIES THE MINIMUM SPACING REQUIREMENT SET FORTH IN CHAPTER 721 OF THE HAYS COUNTY DEVELOPMENT REGULATIONS.
17. THE REQUIREMENT CONCERNING CONSTRUCTION STANDARDS FOR MAILBOXES INSTALLED WITHIN THE RIGHT-OF-WAY OF STREETS AND HIGHWAYS AND REQUIRING ALL SUCH MAILBOXES TO BE MADE OF COLLAPSIBLE MATERIALS, AS DEFINED IN THE ORDINANCE. COMMUNITY MAILBOXES SHALL HAVE A SEPARATE LIGHT/STREET LIGHT TO ILLUMINATE THE MAILBOX AREA.
18. FOR THE TWO (2), FIVE (5), TEN (10), TWENTY-FIVE (25), AND ONE HUNDRED (100) YEAR, TWENTY-FOUR (24) HOUR STORM EVENTS, POST DEVELOPED CONDITION RUNOFF RATES SHALL BE LESS THAN OR EQUAL TO THE PRE-DEVELOPED CONDITION RUNOFF RATES. PRE AND POST DEVELOPMENT RUNOFF CALCULATIONS SHALL BE INCLUDED WITH THE CONSTRUCTION DRAWINGS FOR THIS SUBDIVISION.
19. ALL CULVERTS, WHEN REQUIRED SHALL COMPLY WITH THE CURRENT HAYS COUNTY STANDARD, PER HAYS COUNTY DEVELOPMENT REGULATIONS, CHAPTER 705, SUBCHAPTER 8.03.
20. POST CONSTRUCTION STORMWATER CONTROL MEASURES SHALL HAVE A MAINTENANCE PLAN. THE MAINTENANCE PLAN MUST BE FILED IN THE REAL PROPERTY RECORDS OF THE COUNTY IN WHICH THE PROPERTY IS LOCATED. THE OWNER OR OPERATOR OF ANY NEW DEVELOPMENT OR REDEVELOPED SITE SHALL DEVELOP AND IMPLEMENT A MAINTENANCE PLAN ADDRESSING MAINTENANCE REQUIREMENTS FOR ANY STRUCTURAL CONTROL MEASURES INSTALLED ON SITE. OPERATION AND MAINTENANCE PERFORMED SHALL BE DOCUMENTED AND RETAINED ON SITE, SUCH AS AT THE OFFICES OF THE OWNER OR OPERATOR, AND MADE AVAILABLE FOR REVIEW BY THE CITY.
21. NO OBJECT INCLUDING FENCING OR LANDSCAPING WHICH WOULD INTERFERE WITH CONVEYANCE OF STORM WATER SHALL BE PLACED OR ERECTED WITHIN DRAINAGE EASEMENTS.
22. MAINTENANCE OF EASEMENTS, DETENTION PONDS AND RIGHT OF WAYS TO THE PAVEMENT TO BE THE RESPONSIBILITY OF THE PROPERTY OWNERS AND/OR PROPERTY AND/OR HOMEOWNERS ASSOCIATIONS.
23. SIDEWALKS, PEDESTRIAN CROSSINGS AND OTHER PUBLIC AMENITIES THAT ARE TO BE DEDICATED TO THE CITY OF KYLE SHALL MEET OR EXCEED ALL 2010 ADA STANDARDS OF ACCESSIBILITY DESIGN AND ALL CURRENT FEDERAL AND STATE LAWS REGARDING ACCESS FOR PEOPLE WITH DISABILITIES FOR TITLE II ENTITIES.
24. SIDEWALKS SHALL BE INSTALLED ON THE SUBDIVISION SIDE OF CRESCENT HILL RUN. THOSE SIDEWALKS NOT ABUTTING A RESIDENTIAL, COMMERCIAL OR INDUSTRIAL LOT SHALL BE INSTALLED WHEN THE ADJOINING STREET IS CONSTRUCTED WHERE THERE ARE DOUBLE FRONTAGE LOTS, SIDEWALKS ON THE STREET TO WHICH ACCESS IS PROHIBITED ARE ALSO REQUIRED TO BE INSTALLED WHEN THE STREETS IN THE SUBDIVISION ARE CONSTRUCTED. (ORD #439, ARTICLE V, SEC 10; KYLE CODE)
25. THE MAINTENANCE OF SIDEWALKS SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNERS OR HOMEOWNERS ASSOCIATION OR THEIR SUCCESSORS AND NOT THE RESPONSIBILITY OF THE CITY OF KYLE OR HAYS COUNTY.
26. CLEAR VISION AREAS MUST BE FREE OF VISUAL OBSTRUCTIONS IN ACCORDANCE WITH THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO) POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS, OR LATEST REVISION THEREOF.
27. IN APPROVING THIS PLAT BY THE COMMISSIONERS COURT OF HAYS COUNTY, TEXAS, IT IS UNDERSTOOD THAT THE BUILDING OF ALL STREETS, ROADS, AND OTHER PUBLIC THOROUGHFARES DELINEATED AND SHOWN ON THIS PLAT, AND ALL BRIDGES AND CULVERTS NECESSARY TO BE CONSTRUCTED OR PLACED IN SUCH STREETS, ROADS, OR OTHER PUBLIC THOROUGHFARES, OR IN CONNECTION THEREWITH SHALL BE THE RESPONSIBILITY OF THE OWNER AND / OR THE DEVELOPER OF THE TRACT OF LAND COVERED BY THIS PLAT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS PRESCRIBED BY THE COMMISSIONERS COURT OF HAYS COUNTY, TEXAS AND THE COMMISSIONERS COURT OF HAYS COUNTY, TEXAS, ASSUMES NO OBLIGATION TO BUILD THE STREETS, ROADS, OR OTHER PUBLIC THOROUGHFARES SHOWN ON THIS PLAT OR OF CONSTRUCTING ANY BRIDGES OR CULVERTS IN CONNECTION THEREWITH.
28. NO CONSTRUCTION OR OTHER DEVELOPMENT WITHIN THIS SUBDIVISION MAY BEGIN UNTIL ALL HAYS COUNTY DEVELOPMENT AUTHORIZATION REQUIREMENTS HAVE BEEN SATISFIED.
29. NO STRUCTURE IN THIS SUBDIVISION SHALL BE OCCUPIED UNTIL CONNECTED TO AN INDIVIDUAL WATER SYSTEM OR STATE-APPROVED COMMUNITY WATER SYSTEM. DUE TO DECLINING WATER SUPPLY, PROSPECTIVE OWNERS ARE CAUTIONED BY HAYS COUNTY TO QUESTION THE SELLER CONCERNING GROUNDWATER AVAILABILITY. RAINWATER COLLECTION IS ENCOURAGED AND IN SOME AREAS, MAY OFFER THE BEST RENEWABLE WATER SOURCE.
30. NO STRUCTURE IN THIS SUBDIVISION SHALL BE OCCUPIED UNTIL CONNECTED TO A PERMITTED SEWER SYSTEM OR TO AN ON-SITE SEWAGE FACILITY THAT HAS BEEN APPROVED AND PERMITTED BY HAYS COUNTY.
31. WATER IS PROVIDED BY THE CITY OF KYLE, TEXAS
32. THE WASTEWATER TREATMENT PLANT IS OWNED AND OPERATED BY THE CITY OF KYLE, TEXAS.
33. WASTEWATER SERVICE IS PROVIDED BY THE CITY OF KYLE, TEXAS (SEE NOTE ABOVE).
34. ELECTRICITY PROVIDED BY PEDERNALES ELECTRIC COMPANY.
35. COORDINATES SHOWN ARE BASED ON THE NORTH AMERICAN DATUM OF 1983 NAD83 (NA2011) EPOCH 2010.00 FROM THE TEXAS COORDINATE SYSTEM ESTABLISHED FOR THE SOUTH CENTRAL ZONE DISPLAYED IN GRID VALUES DERIVED FROM THE NGS COOPERATIVE CORS NETWORK.
36. MONUMENTS AND LOT MARKERS WILL BE SET WITH 1/2" IRON ROD WITH CAP MARKED "PAPE-DAWSON" OR MAG NAIL WITH DISK MARKED "PAPE-DAWSON" AFTER THE COMPLETION OF UTILITY INSTALLATION AND STREET CONSTRUCTION UNLESS NOTED OTHERWISE.
37. DIMENSIONS SHOWN ARE SURFACE WITH AN ADJUSTMENT FACTOR OF 1.00013.
38. BEARINGS ARE BASED ON THE NORTH AMERICAN DATUM OF 1983 NAD83 (NA2011) EPOCH 2010.00, FROM THE TEXAS COORDINATE SYSTEM ESTABLISHED FOR THE SOUTH CENTRAL ZONE.

6 CREEKS-PHASE 1, SECTION 19
Civil Job No. 8141-56; Survey Job No. 8141-08
Date: Jan 09, 2025, 11:46am User ID: rhebert
File: C:\Users\LOCAL_~1\Temp\AcPublish_8976\Pl_814156.dwg

PRELIMINARY PLAT
OF
6 CREEKS-PHASE 1, SECTION 19

A TOTAL OF 22.927 ACRES, COMPRISED OF A PORTION OF THE 608.7 ACRE TRACT DESCRIBED IN DOCUMENT NO. 22044745 IN THE OFFICIAL PUBLIC RECORDS OF HAYS COUNTY, TEXAS, IN THE CALEB W BAKER SURVEY NO. 15, ABSTRACT 31, AND IN THE SAMUEL PHARASS ¼ LEAGUE, SURVEY NO. 14, ABSTRACT 360, PARTIALLY IN THE CITY OF KYLE, HAYS COUNTY, TEXAS.

PAPE-DAWSON ENGINEERS
SAN ANTONIO | AUSTIN | HOUSTON | FORT WORTH | DALLAS
2000 NW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #10028800

DATE OF PREPARATION: January 9, 2025

THE STATE OF TEXAS §
COUNTY OF TRAVIS §

KNOW ALL MEN BY THESE PRESENTS, THAT HM 6 CREEKS DEVELOPMENT, INC., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF TEXAS, WITH ITS HOME ADDRESS AT 2901 BEE CAVES ROAD, SUITE F, AUSTIN, TEXAS, AS CONVEYED TO IT BY DEED, RECORDED SEPTEMBER 21, 2022, IN DOCUMENT NUMBER 22044745, OF THE OFFICIAL PUBLIC RECORDS OF HAYS COUNTY, TEXAS, DOES HEREBY SUBDIVIDE 22.927 ACRES OF LAND OUT OF THE SAMUEL PHARASS 1/4 LEAGUE, SURVEY NO. 14, ABSTRACT 360, AND CALEB W. BAKER SURVEY, ABSTRACT NO. 31, TO BE KNOWN AS:

6 CREEKS-PHASE 1, SECTION 19

IN ACCORDANCE WITH THE PLAT SHOWN HEREON, SUBJECT TO ANY AND ALL EASEMENTS OR RESTRICTIONS HERETOFORE GRANTED, AND DO HEREBY DEDICATE TO THE PUBLIC THE USE OF THE STREETS AND EASEMENTS SHOWN HEREON.

_____
HM 6 CREEKS DEVELOPMENT, INC.
BY: JAY HANNA
PRESIDENT
2901 BEE CAVES ROAD, SUITE F
AUSTIN, TEXAS 78703

THE STATE OF TEXAS §
COUNTY OF TRAVIS §

BEFORE ME, THE UNDERSIGNED AUTHORITY ON THIS DAY PERSONALLY APPEARED _____, KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT, AND HE/SHE ACKNOWLEDGED TO ME THAT HE/SHE EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATIONS THEREIN EXPRESSED AND IN THE CAPACITY THEREIN AND HEREIN SET OUT, AND AS THE ACT AND DEED OF SAID CORPORATION, GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS DAY OF _____, A.D. 20___.

_____
NOTARY PUBLIC, STATE OF TEXAS

_____
PRINTED NOTARY'S NAME

MY COMMISSION EXPIRES: _____

THE STATE OF TEXAS §
COUNTY OF COMAL §

I, THE UNDERSIGNED, A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF TEXAS, HEREBY CERTIFY, THAT THIS PLAT IS TRUE AND CORRECT, THAT IT WAS PREPARED FROM AN ACTUAL SURVEY OF THE PROPERTY MADE UNDER MY SUPERVISION ON THE GROUND, AND THAT ALL NECESSARY SURVEY MONUMENTS ARE CORRECTLY SET OR FOUND AS SHOWN THEREON.

_____ _____
KEITH WOOLEY DATE
REGISTERED PROFESSIONAL LAND SURVEYOR NO. 5463
STATE OF TEXAS
PAPE-DAWSON ENGINEERS
TBPELS, TEXAS SURVEYING FIRM #10028800
2000 NW LOOP 410
SAN ANTONIO, TX 78213

THE STATE OF TEXAS §
COUNTY OF BEXAR §

I, THE UNDERSIGNED, A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF TEXAS, HEREBY CERTIFY THAT PROPER ENGINEERING CONSIDERATION HAS BEEN GIVEN THIS PLAT.

_____ _____
REBECCA ANN CARROLL DATE
REGISTERED PROFESSIONAL ENGINEER NO. 92666
PAPE-DAWSON ENGINEERS
TBPELS, TEXAS ENGINEERING FIRM #470
2000 NW LOOP 410
SAN ANTONIO, TX 78213

I, THE UNDERSIGNED, DIRECTOR OF THE HAYS COUNTY DEVELOPMENT SERVICES DEPARTMENT, HEREBY CERTIFY THAT THIS SUBDIVISION PLAT CONFORMS TO ALL HAYS COUNTY REQUIREMENTS AS STATED IN THE INTERLOCAL COOPERATION AGREEMENT BETWEEN HAYS COUNTY AND THE CITY OF KYLE FOR SUBDIVISION REGULATIONS WITHIN THE EXTRATERRITORIAL JURISDICTION.

_____
MARCUS PACHECO,
DIRECTOR
HAYS COUNTY DEVELOPMENT SERVICES

I, THE UNDERSIGNED, DIRECTOR OF THE HAYS COUNTY DEVELOPMENT SERVICES DEPARTMENT, HEREBY CERTIFY THAT THIS SUBDIVISION PLAT CONFORMS TO ALL HAYS COUNTY REQUIREMENTS AS STATED IN THE HAYS COUNTY DEVELOPMENT REGULATIONS AND/OR HAYS COUNTY RULES FOR ON-SITE SEWAGE FACILITIES.

_____
MARCUS PACHECO,
DIRECTOR
HAYS COUNTY DEVELOPMENT SERVICES

I, THE UNDERSIGNED, FLOODPLAIN ADMINISTRATOR OF HAYS COUNTY, HEREBY CERTIFY THAT THIS SUBDIVISION PLAT CONFORMS TO ALL HAYS COUNTY FLOODPLAIN REQUIREMENTS AS STATED IN THE HAYS COUNTY DEVELOPMENT REGULATIONS.

_____
ERIC VAN GAASBEEK, R.S., C.F.M.
FLOODPLAIN ADMINISTRATOR
HAYS COUNTY DEVELOPMENT SERVICES

STATE OF TEXAS
COUNTY OF HAYS

I, ELAINE H. CARDENAS, COUNTY CLERK OF HAYS COUNTY, TEXAS, DO HEREBY CERTIFY THAT THE FOREGOING INSTRUMENT OF WRITING WITH ITS CERTIFICATE OF AUTHENTICATION WAS FILED FOR RECORD IN MY OFFICE ON THE _____ DAY OF _____, A.D. 20_____, AT _____ O'CLOCK _____M., IN THE PLAT RECORDS OF HAYS COUNTY, TEXAS IN INSTRUMENT NUMBER _____.

WITNESS MY HAND AND SEAL OF OFFICE, THE _____ DAY OF _____, A.D., 20_____.

_____
ELAINE H. CARDENAS
COUNTY CLERK
HAYS COUNTY, TEXAS

STATE OF TEXAS
COUNTY OF HAYS

I, THE UNDERSIGNED, CITY ENGINEER OF THE CITY OF KYLE, HEREBY CERTIFY THAT THIS PLAT CONFORMS TO THE REQUIREMENTS OF THE SUBDIVISION ORDINANCE AND HEREBY RECOMMEND APPROVAL.

_____
CITY ENGINEER

I, THE UNDERSIGNED, DIRECTOR OF WATER UTILITIES OF THE CITY OF KYLE, HEREBY CERTIFY THAT THIS SUBDIVISION PLAT CONFORMS TO THE CITY OF KYLE SUBDIVISION ORDINANCE AND HEREBY RECOMMEND APPROVAL.

_____
DIRECTOR OF WATER UTILITIES

THIS PLAT HAS BEEN SUBMITTED TO AND CONSIDERED BY THE PLANNING AND ZONING COMMISSION OF THE CITY KYLE, TEXAS, AND IS HEREBY APPROVED BY SUCH PLANNING AND ZONING COMMISSION.

DATED THIS _____ DAY OF _____, 20_____.

_____
CHAIRPERSON

6 CREEKS-PHASE 1, SECTION 19
Civil Job No. 8141-56; Survey Job No. 8141-08
Date: Jan 09, 2025, 11:46am User ID: rhebert
File: C:\Users\LOCAL_~1\Temp\AcPublish_8976\PLB14156.dwg

PRELIMINARY PLAT
OF
6 CREEKS-PHASE 1, SECTION 18A2

A TOTAL OF 14.575 ACRES, COMPRISED OF A PORTION OF THE 608.7 ACRE TRACT DESCRIBED IN DOCUMENT NO. 22044745 IN THE OFFICIAL PUBLIC RECORDS OF HAYS COUNTY, TEXAS, IN THE CALEB W BAKER SURVEY NO. 15, ABSTRACT 31, AND IN THE SAMUEL PHARASS ¼ LEAGUE, SURVEY NO. 14, ABSTRACT 360, PARTIALLY IN THE CITY OF KYLE, HAYS COUNTY, TEXAS.

PAPE-DAWSON ENGINEERS

SAN ANTONIO | AUSTIN | HOUSTON | FORT WORTH | DALLAS
2000 NW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #10028800

DATE OF PREPARATION: January 8, 2025

SCALE: 1"= 100'

100' 0' 50' 100'

OWNER/DEVELOPER:
HM 6 CREEKS DEVELOPMENT, INC.
2901 BEE CAVES ROAD, SUITE F
AUSTIN, TEXAS 78746
(512) 481-0303 P
(512) 481-0333 F

ACREAGE: 14.575 ACRES

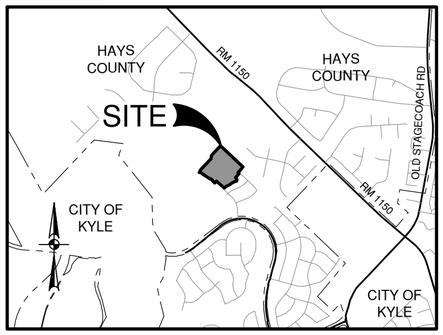
SURVEY: SAMUEL PHARASS 1/4 LEAGUE
SURVEY NO. 14
ABSTRACT 360

CALEB W BAKER
SURVEY NO. 15
ABSTRACT 31

PROPOSED RESIDENTIAL LOTS: 49
PROPOSED OPEN SPACE LOTS: 1

DATE: January, 08, 2025

ENGINEER & SURVEYOR:
PAPE-DAWSON ENGINEERS
2000 NW LOOP 410
SAN ANTONIO, TX 78213
(210) 375-9000 P
(210) 375-9010 F



LOCATION MAP
NOT-TO-SCALE

LEGEND

AC	ACRE(S)	PG	PAGE(S)
BLK	BLOCK	OPR	OFFICIAL PUBLIC RECORDS OF HAYS COUNTY, TEXAS
DOC	DOCUMENT NUMBER	PR	PLAT RECORDS OF HAYS COUNTY, TEXAS
ETJ	EXTRATERRITORIAL JURISDICTION	ROW	RIGHT-OF-WAY
FEMA	FEDERAL EMERGENCY MANAGEMENT AGENCY	VOL	VOLUME
	SET 1/2" IRON ROD (PD)		SET 1/2" IRON ROD (PD)
	EASEMENT POINT OF INTERSECTION		ROW

CENTERLINE
CITY OF KYLE EXTRATERRITORIAL JURISDICTION
EFFECTIVE (EXISTING) FEMA 1% ANNUAL CHANCE (100-YR) FLOODPLAIN
HAYS COUNTY BEST AVAILABLE FLOODPLAIN

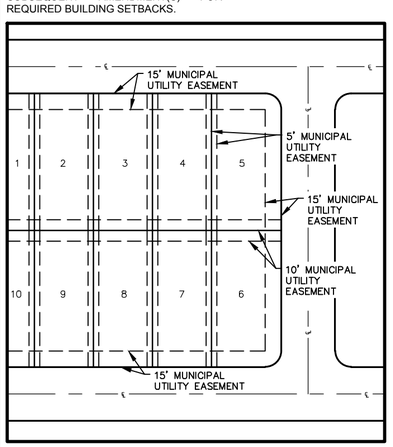
(11) 15' MUNICIPAL UTILITY EASMENT
(12) 25' MUNICIPAL UTILITY EASMENT ("OFF-LOT")
(13) 60' X 20' MUNICIPAL UTILITY EASEMENT TO EXPIRE UPON INCORPORATION INTO FUTURE PLATTED PUBLIC STREET ROW ("OFF-LOT")
(14) VARIABLE WIDTH DRAINAGE EASEMENT ("OFF-LOT")
(15) VARIABLE WIDTH MUNICIPAL UTILITY EASEMENT TO EXPIRE UPON INCORPORATION INTO FUTURE PLATTED PUBLIC STREET ROW ("OFF-LOT")
(16) 15' MUNICIPAL UTILITY EASMENT ("OFF-LOT")
(1) 15' MUNICIPAL UTILITY EASMENT (VOL , PG , PR)
(2) 15' MUNICIPAL UTILITY EASEMENT (VOL , PG , PR)
(3) 15' MUNICIPAL UTILITY EASMENT ("OFF-LOT") (VOL , PG , PR)
(4) 15' MUNICIPAL UTILITY EASMENT ("OFF-LOT") (VOL , PG , PR)
[1] LOT 26, BLOCK U OPEN SPACE (0.116 ACRES)

A FIFTEEN (15) FOOT MUNICIPAL UTILITY EASEMENT IS HEREBY DEDICATED ADJACENT TO ALL STREET ROW. LOCATIONS INCLUDE ALL TYPICAL SINGLE FAMILY LOTS AND OPEN SPACE LOTS.

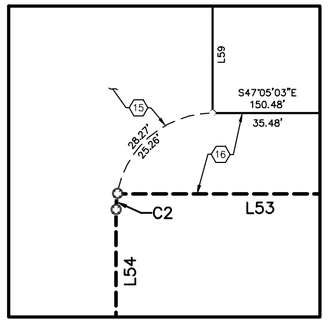
A FIVE (5) FOOT MUNICIPAL UTILITY EASEMENT IS HEREBY DEDICATED ALONG ALL SIDE LOTS WITHIN THE SINGLE FAMILY LOT.

A TEN (10) FOOT MUNICIPAL UTILITY EASEMENT IS HEREBY DEDICATED ALONG ALL REAR LOT LINES WITHIN THE SINGLE FAMILY LOT.

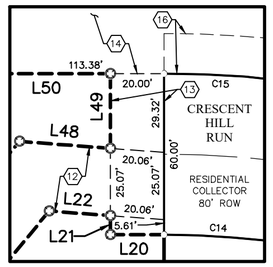
REFERENCE DEVELOPMENT AGREEMENT BETWEEN THE CITY OF KYLE AND THE PROPERTY OWNER (INSTRUMENT #17018505) AND SUBSEQUENT AMENDMENT(S) FOR REQUIRED BUILDING SETBACKS.



TYPICAL LOT EASEMENTS
NOT-TO-SCALE



DETAIL "A"
SCALE: 1" = 40'
SEE THIS SHEET



DETAIL "B"
SCALE: 1" = 40'
SEE THIS SHEET

CALEB W. BAKER SURVEY, ABSTRACT 31

UNPLATTED
OWNER: HM 6 CREEKS DEVELOPMENT, INC.
REMAINING PORTION OF 608.70 ACRES
(DOC NO 22044745, OPR)

OWNER: NANCY L. RUSSELL AND RANDALL W. SMITH
(VOL. 4385, PG 135, OPR)

QUAIL MEADOWS SUBDIVISION (VOL 7, PG 47, PR)

DETAIL "A" SEE THIS SHEET

DETAIL "B" SEE THIS SHEET

FEMA 100-YEAR FLOODPLAIN
FEMA FIRM PANEL 480209C0270F

HAYS COUNTY BEST AVAILABLE FLOODPLAIN

UNPLATTED
OWNER: HM 6 CREEKS DEVELOPMENT, INC.
REMAINING PORTION OF 608.70 ACRES
(DOC NO 22044745, OPR)

6 CREEKS-PHASE 1, SECTION 19 (VOL , PG , PR)

MATCHLINE "A" - SEE SHEET 2 OF 4

STREET NAME	STREET CLASSIFICATION	STREET LENGTH	ROW WIDTH
CRESCENT HILL RUN	RESIDENTIAL COLLECTOR	318.99'	60.00'
TERRE BROOK ROAD	RESIDENTIAL LANE	724.52'	50.00'
CAMPBELL BEND WAY	RESIDENTIAL LANE	744.09'	50.00'
CLOUD FIELD ROAD	RESIDENTIAL LANE	567.98'	50.00'

6 CREEKS-PHASE 1, SECTION 18A2
Civil Job No. 8141-66; Survey Job No. 8141-08
Date: Jan 08, 2025, 9:36pm User ID: rherbert
File: C:\Users\LOCAL_~1\Temp\AcPublish_9708\PLB14166.dwg

PRELIMINARY PLAT
OF
6 CREEKS-PHASE 1, SECTION 18A2

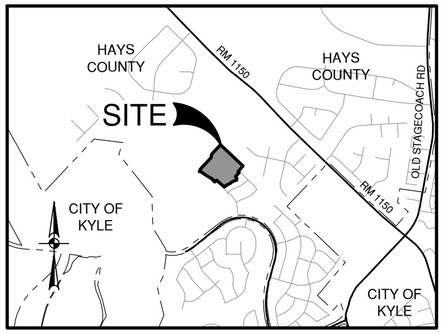
A TOTAL OF 14.575 ACRES, COMPRISED OF A PORTION OF THE 608.7 ACRE TRACT DESCRIBED IN DOCUMENT NO. 22044745 IN THE OFFICIAL PUBLIC RECORDS OF HAYS COUNTY, TEXAS, IN THE CALEB W BAKER SURVEY NO. 15, ABSTRACT 31, AND IN THE SAMUEL PHARASS ¼ LEAGUE, SURVEY NO. 14, ABSTRACT 360, PARTIALLY IN THE CITY OF KYLE, HAYS COUNTY, TEXAS.

PAPE-DAWSON ENGINEERS
SAN ANTONIO | AUSTIN | HOUSTON | FORT WORTH | DALLAS
2000 NW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #10028800

DATE OF PREPARATION: January 8, 2025

SCALE: 1"= 100'

100' 0' 50' 100'



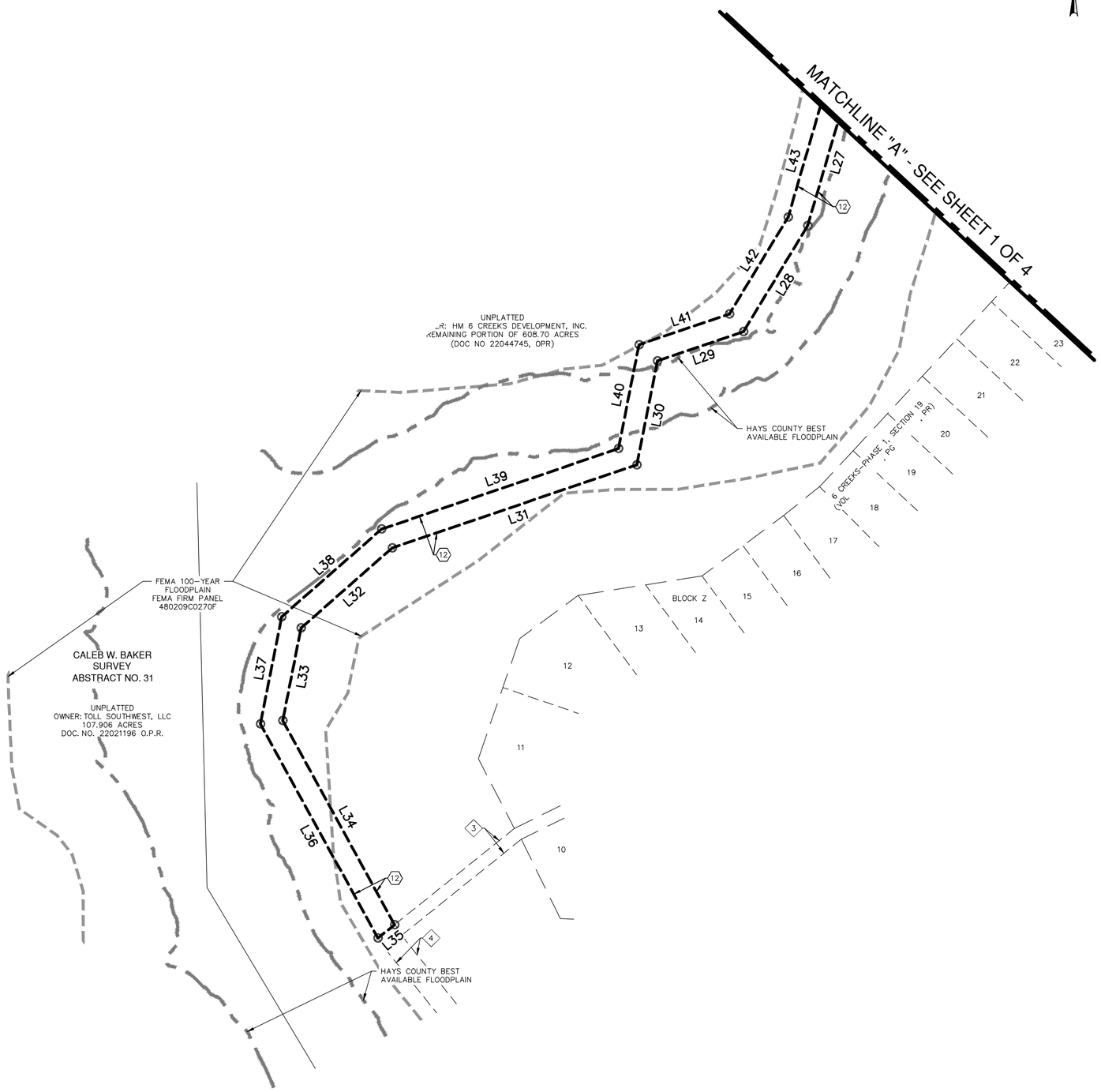
LOCATION MAP
NOT-TO-SCALE

LEGEND

AC	ACRE(S)	PG	PAGE(S)
BLK	BLOCK	OPR	OFFICIAL PUBLIC RECORDS OF HAYS COUNTY, TEXAS
DOC	DOCUMENT NUMBER	PR	PLAT RECORDS OF HAYS COUNTY, TEXAS
ETJ	EXTRATERRITORIAL JURISDICTION	ROW	RIGHT-OF-WAY
FEMA	FEDERAL EMERGENCY MANAGEMENT AGENCY	VOL	VOLUME
	SET 1/2" IRON ROD (PD)		SET 1/2" IRON ROD (PD) ROW
	EASEMENT POINT OF INTERSECTION		

- CENTERLINE
- CITY OF KYLE EXTRATERRITORIAL JURISDICTION
- EFFECTIVE (EXISTING) FEMA 1% ANNUAL CHANCE (100-YR) FLOODPLAIN
- HAYS COUNTY BEST AVAILABLE FLOODPLAIN

11	15' MUNICIPAL UTILITY EASMENT	16	15' MUNICIPAL UTILITY EASMENT ("OFF-LOT")
12	25' MUNICIPAL UTILITY EASMENT ("OFF-LOT")	1	15' MUNICIPAL UTILITY EASMENT (VOL , PG , PR)
13	60' X 20' MUNICIPAL UTILITY EASEMENT TO EXPIRE UPON INCORPORATION INTO FUTURE PLATTED PUBLIC STREET ROW ("OFF-LOT")	2	15' MUNICIPAL UTILITY EASEMENT (VOL , PG , PR)
14	VARIABLE WIDTH DRAINAGE EASEMENT ("OFF-LOT")	3	15' MUNICIPAL UTILITY EASMENT ("OFF-LOT") (VOL , PG , PR)
15	VARIABLE WIDTH MUNICIPAL UTILITY EASEMENT TO EXPIRE UPON INCORPORATION INTO FUTURE PLATTED PUBLIC STREET ROW ("OFF-LOT")	4	15' MUNICIPAL UTILITY EASMENT ("OFF-LOT") (VOL , PG , PR)
		1	LOT 26, BLOCK U OPEN SPACE (0.116 ACRES)



6 CREEKS-PHASE 1, SECTION 18A2
Civil Job No. 8141-66; Survey Job No. 8141-08
Date: Jan 08, 2025, 9:36pm User ID: rherbert
File: C:\Users\LOCAL_~1\Temp\AcPublish_9708\PLB14166.dwg

PRELIMINARY PLAT
OF
6 CREEKS-PHASE 1, SECTION 18A2

A TOTAL OF 14.575 ACRES, COMPRISED OF A PORTION OF THE 608.7 ACRE TRACT DESCRIBED IN DOCUMENT NO. 22044745 IN THE OFFICIAL PUBLIC RECORDS OF HAYS COUNTY, TEXAS, IN THE CALEB W BAKER SURVEY NO. 15, ABSTRACT 31, AND IN THE SAMUEL PHARASS ¼ LEAGUE, SURVEY NO. 14, ABSTRACT 360, PARTIALLY IN THE CITY OF KYLE, HAYS COUNTY, TEXAS.

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TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #10028800

DATE OF PREPARATION: January 8, 2025

LOT SUMMARY

BLOCK	LOT	LOT WIDTH	LOT AREA	ROW FRONTAGE
S	53	54.96'	7132.50 SF	55.00'
S	54	55.00'	7150.00 SF	55.00'
S	55	55.00'	7150.00 SF	55.00'
S	56	55.00'	7174.08 SF	55.00'
S	57	55.00'	7223.05 SF	55.00'
S	58	55.00'	7272.01 SF	55.00'
S	59	55.00'	7320.98 SF	55.00'
S	60	55.00'	7369.94 SF	55.00'
S	61	55.00'	7418.91 SF	55.00'
S	62	55.00'	7467.87 SF	55.00'
S	63	55.00'	7511.40 SF	55.00'
S	64	55.00'	7529.36 SF	55.00'
S	65	64.52'	8851.00 SF	64.52'
U	13	50.00'	7893.76 SF	177.10'
U	14	55.27'	8613.76 SF	51.43'
U	15	55.06'	7938.95 SF	51.58'
U	16	55.00'	7469.38 SF	55.07'
U	17	55.04'	7708.90 SF	58.23'
U	18	55.59'	12879.86 SF	39.35'
U	19	55.24'	8256.55 SF	50.47'
U	20	55.00'	7703.40 SF	58.86'
U	21	55.00'	7786.13 SF	55.00'
U	22	55.00'	7789.69 SF	55.00'
U	23	55.00'	7957.62 SF	55.00'
U	24	55.00'	8454.54 SF	229.14'
U	24	50.00'	8454.54 SF	55.00'
U	24	50.00'	8454.54 SF	229.14'
U	24	55.00'	8454.54 SF	55.00'
U	25	0.00'	10560.63 SF	0.00'
U	26	N/A	5046.17 SF	511.83'
V	1	59.85'	10247.09 SF	207.76'
V	2	55.00'	7640.66 SF	55.00'
V	3	55.00'	7640.66 SF	54.16'
V	4	55.00'	7640.66 SF	55.00'
V	5	55.00'	7640.66 SF	55.00'
V	6	55.00'	7640.66 SF	55.00'
V	7	60.15'	10391.14 SF	207.63'
V	8	60.15'	10391.14 SF	207.63'
V	9	55.00'	7640.66 SF	55.00'
V	10	55.00'	7640.66 SF	55.00'
V	11	55.00'	7640.66 SF	55.00'
V	12	55.00'	7640.66 SF	55.00'
V	13	58.66'	13496.64 SF	213.34'
W	1	65.00'	1374.86 SF	146.66'
W	2	50.02'	8518.86 SF	52.17'
W	3	55.00'	7396.81 SF	54.12'
W	4	55.00'	7150.00 SF	55.00'
W	5	55.00'	7150.00 SF	72.81'
Z	34	70.20'	8198.00 SF	72.81'
Z	35	55.00'	7150.00 SF	55.00'
Z	36	55.00'	7150.00 SF	55.00'
Z	37	50.00'	7150.00 SF	55.00'
Z	38	69.92'	7916.00 SF	72.63'

LINE TABLE

LINE #	BEARING	LENGTH
L1	S47°05'03"E	108.00'
L2	N42°47'50"E	130.00'
L3	N42°54'57"E	50.00'
L4	N47°05'03"W	40.52'
L5	N42°54'57"E	125.00'
L6	N41°53'23"W	55.23'
L7	N20°01'57"E	40.82'
L8	N74°23'27"E	43.85'
L9	N63°49'21"E	71.56'
L10	N55°55'25"E	52.58'
L11	N64°00'10"E	72.61'
L12	N61°04'26"E	34.08'
L13	N42°54'57"E	56.20'
L14	S47°05'03"E	318.20'
L15	S37°55'39"W	60.00'
L16	S42°54'57"W	143.69'
L17	N42°08'07"W	47.86'
L18	N62°08'29"W	48.44'
L19	N21°35'55"E	130.00'
L20	N68°24'05"W	20.00'
L21	N21°35'55"E	7.13'
L22	N64°02'17"W	22.88'
L23	S60°57'43"W	102.26'
L24	N75°54'38"W	119.13'
L25	S36°14'26"W	98.24'
L26	S6°14'25"W	197.74'
L27	S16°14'26"W	252.74'
L28	S31°14'26"W	146.20'
L29	S71°14'26"W	107.33'
L30	S11°14'26"W	125.00'
L31	S71°14'26"W	304.73'
L32	S48°44'26"W	143.27'
L33	S11°14'26"W	111.44'
L34	S28°45'34"E	274.62'
L35	S51°14'26"W	25.39'
L36	N28°45'34"W	288.13'
L37	N11°14'26"E	129.02'
L38	N48°44'26"E	156.73'
L39	N71°14'26"E	295.27'
L40	N11°14'26"E	125.00'

LINE TABLE

LINE #	BEARING	LENGTH
L41	N71°14'26"E	112.67'
L42	N31°14'26"E	133.80'
L43	N16°14'26"E	247.26'
L44	N6°14'25"E	202.25'
L45	N36°14'26"E	121.76'
L46	S75°54'38"E	126.07'
L47	N60°57'43"E	105.40'
L48	S64°02'17"E	33.99'
L49	N21°35'55"E	27.79'
L50	S68°24'05"E	93.38'
L51	S47°05'03"E	85.60'
L52	S42°54'57"W	270.00'
L53	S47°05'03"E	53.23'
L54	S42°54'57"W	37.00'
L55	N47°05'03"W	40.00'
L56	N42°54'57"E	37.00'
L57	N47°05'03"W	32.00'
L58	N42°54'57"E	50.00'
L59	N42°54'57"E	50.00'
L60	S47°05'03"E	9.52'
L61	N42°54'57"E	70.33'
L62	N67°54'57"E	55.86'
L63	N42°54'57"E	99.55'
L64	N57°46'45"W	99.57'
L65	N57°46'45"W	32.54'
L66	S67°54'57"W	79.91'
L67	S42°54'57"W	70.33'
L68	N57°46'45"W	113.71'
L69	N47°05'03"W	318.20'

CURVE TABLE

CURVE #	RADIUS	DELTA	CHORD BEARING	CHORD	LENGTH
C1	405.00'	4°59'19"	N49°34'41"W	35.25'	35.26'
C2	18.00'	9°35'39"	S47°42'47"W	3.01'	3.01'
C3	18.00'	90°00'00"	N2°05'03"W	25.46'	28.27'
C4	15.00'	90°00'00"	S87°54'57"W	21.21'	23.56'
C5	300.00'	25°00'00"	N55°24'57"E	129.86'	130.90'
C6	15.00'	46°13'06"	S44°48'25"W	11.77'	12.10'
C7	55.00'	157°26'12"	S79°35'03"E	107.87'	151.13'
C8	15.00'	46°13'06"	N23°58'30"W	11.77'	12.10'
C9	15.00'	90°00'00"	S87°54'57"W	21.21'	23.56'
C10	250.00'	11°44'01"	S37°02'57"W	51.11'	51.20'
C11	15.00'	88°57'42"	S13°17'54"E	21.02'	23.29'
C12	405.00'	5°42'24"	N54°55'33"W	40.32'	40.34'
C13	345.00'	5°42'24"	N54°55'33"W	34.35'	34.36'
C14	345.00'	10°37'20"	N63°05'25"W	63.87'	63.96'
C15	405.00'	10°37'20"	N63°05'25"W	74.98'	75.08'
C16	15.00'	90°09'52"	N76°31'42"E	21.24'	23.60'
C17	300.00'	11°28'11"	S37°10'52"W	59.96'	60.06'
C18	15.00'	90°00'00"	N2°05'03"W	21.21'	23.56'
C19	15.00'	90°00'00"	S87°54'57"W	21.21'	23.56'
C20	15.00'	90°00'00"	S2°05'03"E	21.21'	23.56'
C21	25.00'	65°00'00"	S79°35'03"E	26.86'	28.36'
C22	250.00'	25°00'00"	N55°24'57"E	108.22'	109.08'
C23	15.00'	90°00'00"	N2°05'03"W	21.21'	23.56'
C24	415.00'	10°41'43"	N52°25'54"W	77.35'	77.47'

FINAL PLAT NOTES:

1. THIS FINAL PLAT IS LOCATED ENTIRELY WITHIN HAYS COUNTY.
2. THIS SUBDIVISION IS WITHIN THE ETJ OF THE CITY OF KYLE, TEXAS.
3. THIS PLAT IS LOCATED WITHIN THE BOUNDARY OF THE HAYS CONSOLIDATED INDEPENDENT SCHOOL DISTRICT.
4. THIS SITE IS LOCATED WITHIN HAYS COUNTY ESD #5 AND #9.
5. A PORTION OF THIS PROPERTY IS LOCATED WITHIN A DESIGNATED 100-YEAR FLOOD PLAIN AS DELINEATED ON THE FLOOD INSURANCE RATE MAP NO. 48209C0270F AND 48209C0385F, EFFECTIVE DATES OF SEPTEMBER 2, 2005, AS PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY.
6. THIS PLAT FALLS WITHIN THE BOUNDARIES OF THE EDWARDS AQUIFER CONTRIBUTING ZONE WITHIN THE TRANSITION ZONE AND THE RECHARGE ZONE.
7. THIS SITE IS LOCATED WITHIN THE BARTON SPRINGS/EDWARDS AQUIFER CONSERVATION DISTRICT.
8. THIS PLAT HAS BEEN PREPARED IN ACCORDANCE WITH THE HAYS COUNTY REQUIREMENTS AS APPLICABLE TO THIS DEVELOPMENT.
9. CONSTRUCTION STANDARDS AND SPECIFICATIONS WILL BE AS AGREED TO IN THE BLANCO RIVER RANCH (PHASE ONE RESIDENTIAL AREA) DE-ANNEXATION AND DEVELOPMENT AGREEMENT APPROVED BY THE HAYS COUNTY COMMISSIONER'S COURT ON MARCH 21, 2017.
10. ALL STREETS SHALL BE DESIGNED IN ACCORDANCE WITH APPLICABLE HAYS COUNTY REQUIREMENTS AND APPROVED BY THE HAYS COUNTY TRANSPORTATION DEPARTMENT AND UPON ACCEPTANCE SHALL BE DEDICATED TO THE COUNTY FOR MAINTENANCE.
11. ROAD WAY CLASSIFICATIONS ARE PER THE BLANCO RIVER RANCH (PHASE 1 RESIDENTIAL AREA) DE-ANNEXATION AND DEVELOPMENT AGREEMENT (INSTRUMENT # 17018505).
12. ALL STREETS TO BE PUBLIC, PAVED AND MAINTAINED BY THE COUNTY.
13. STREETS TO BE ACCESSED WILL BE CONSTRUCTED WITH CURB AND GUTTER.
14. LINEAR FOOTAGE OF STREET IMPROVEMENTS: ±2,356 L.F.
15. AREA WITHIN NEW ROAD RIGHT-OF-WAY = 2.709 ACRES.
16. IN ORDER TO PROMOTE SAFE USE OF ROADWAYS AND PRESERVE THE CONDITIONS OF PUBLIC ROADWAYS, NO DRIVEWAY CONSTRUCTED ON ANY LOT WITHIN THIS SUBDIVISION SHALL BE PERMITTED TO ACCESS ONTO A PUBLIC ROADWAY UNLESS (A) A PERMIT FOR USE OF THE COUNTY ROADWAY RIGHT-OF-WAY HAS BEEN ISSUED UNDER CHAPTER 751, AND, (B) THE DRIVEWAY SATISFIES THE MINIMUM SPACING REQUIREMENT SET FORTH IN CHAPTER 721 OF THE HAYS COUNTY DEVELOPMENT REGULATIONS.
17. THE REQUIREMENT CONCERNING CONSTRUCTION STANDARDS FOR MAILBOXES INSTALLED WITHIN THE RIGHT-OF-WAY OF STREETS AND HIGHWAYS AND REQUIRING ALL SUCH MAILBOXES TO BE MADE OF COLLAPSIBLE MATERIALS, AS DEFINED IN THE ORDINANCE. COMMUNITY MAILBOXES SHALL HAVE A SEPARATE LIGHT/STREET LIGHT TO ILLUMINATE THE MAILBOX AREA.
18. FOR THE TWO (2), FIVE (5), TEN (10), TWENTY-FIVE (25), AND ONE HUNDRED (100) YEAR, TWENTY-FOUR (24) HOUR STORM EVENTS, POST DEVELOPED CONDITION RUNOFF RATES SHALL BE LESS THAN OR EQUAL TO THE PRE-DEVELOPED CONDITION RUNOFF RATES. PRE AND POST DEVELOPMENT RUNOFF CALCULATIONS SHALL BE INCLUDED WITH THE CONSTRUCTION DRAWINGS FOR THIS SUBDIVISION.
19. ALL CULVERTS, WHEN REQUIRED SHALL COMPLY WITH THE CURRENT HAYS COUNTY STANDARD, PER HAYS COUNTY DEVELOPMENT REGULATIONS, CHAPTER 705, SUBCHAPTER 8.03.
20. POST CONSTRUCTION STORMWATER CONTROL MEASURES SHALL HAVE A MAINTENANCE PLAN. THE MAINTENANCE PLAN MUST BE FILED IN THE REAL PROPERTY RECORDS OF THE COUNTY IN WHICH THE PROPERTY IS LOCATED. THE OWNER OR OPERATOR OF ANY NEW DEVELOPMENT OR REDEVELOPED SITE SHALL DEVELOP AND IMPLEMENT A MAINTENANCE PLAN ADDRESSING MAINTENANCE REQUIREMENTS FOR ANY STRUCTURAL CONTROL MEASURES INSTALLED ON SITE. OPERATION AND MAINTENANCE PERFORMED SHALL BE DOCUMENTED AND RETAINED ON SITE, SUCH AS AT THE OFFICES OF THE OWNER OR OPERATOR, AND MADE AVAILABLE FOR REVIEW BY THE CITY.
21. NO OBJECT INCLUDING FENCING OR LANDSCAPING WHICH WOULD INTERFERE WITH CONVEYANCE OF STORM WATER SHALL BE PLACED OR ERECTED WITHIN DRAINAGE EASEMENTS.
22. MAINTENANCE OF EASEMENTS, DETENTION PONDS AND RIGHT OF WAYS TO THE PAVEMENT TO BE THE RESPONSIBILITY OF THE PROPERTY OWNERS AND/OR PROPERTY AND/OR HOMEOWNERS ASSOCIATIONS.
23. SIDEWALKS, PEDESTRIAN CROSSINGS AND OTHER PUBLIC AMENITIES THAT ARE TO BE DEDICATED TO THE CITY OF KYLE SHALL MEET OR EXCEED ALL 2010 ADA STANDARDS OF ACCESSIBILITY DESIGN AND ALL CURRENT FEDERAL AND STATE LAWS REGARDING ACCESS FOR PEOPLE WITH DISABILITIES FOR TITLE II ENTITIES.
24. SIDEWALKS SHALL BE INSTALLED ON THE SUBDIVISION SIDE OF CRESCENT HILL RUN. THOSE SIDEWALKS NOT ABUTTING A RESIDENTIAL, COMMERCIAL OR INDUSTRIAL LOT SHALL BE INSTALLED WHEN THE ADJOINING STREET IS CONSTRUCTED WHERE THERE ARE DOUBLE FRONTAGE LOTS, SIDEWALKS ON THE STREET TO WHICH ACCESS IS PROHIBITED ARE ALSO REQUIRED TO BE INSTALLED WHEN THE STREETS IN THE SUBDIVISION ARE CONSTRUCTED. (ORD #439, ARTICLE V, SEC 10; KYLE CODE)
25. THE MAINTENANCE OF SIDEWALKS SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNERS OR HOMEOWNERS ASSOCIATION OR THEIR SUCCESSORS AND NOT THE RESPONSIBILITY OF THE CITY OF KYLE OR HAYS COUNTY.
26. IN APPROVING THIS PLAT BY THE COMMISSIONERS COURT OF HAYS COUNTY, TEXAS, IT IS UNDERSTOOD THAT THE BUILDING OF ALL STREETS, ROADS, AND OTHER PUBLIC THOROUGHFARES DELINEATED AND SHOWN ON THIS PLAT, AND ALL BRIDGES AND CULVERTS NECESSARY TO BE CONSTRUCTED OR PLACED IN SUCH STREETS, ROADS, OR OTHER PUBLIC THOROUGHFARES, OR IN CONNECTION THEREWITH SHALL BE THE RESPONSIBILITY OF THE OWNER AND / OR THE DEVELOPER OF THE TRACT OF LAND COVERED BY THIS PLAT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS PRESCRIBED BY THE COMMISSIONERS COURT OF HAYS COUNTY, TEXAS AND THE COMMISSIONERS COURT OF HAYS COUNTY, TEXAS, ASSUMES NO OBLIGATION TO BUILD THE STREETS, ROADS, OR OTHER PUBLIC THOROUGHFARES SHOWN ON THIS PLAT OR OF CONSTRUCTING ANY BRIDGES OR CULVERTS IN CONNECTION THEREWITH.
27. WATER IS PROVIDED BY THE CITY OF KYLE, TEXAS
28. THE WASTEWATER TREATMENT PLANT IS OWNED AND OPERATED BY THE CITY OF KYLE, TEXAS.
29. WASTEWATER SERVICE IS PROVIDED BY THE CITY OF KYLE, TEXAS (SEE NOTE ABOVE).
30. ELECTRICITY PROVIDED BY PEDERNALES ELECTRIC COMPANY.
31. COORDINATES SHOWN ARE BASED ON THE NORTH AMERICAN DATUM OF 1983 NAD83 (NA2011) EPOCH 2010.00 FROM THE TEXAS COORDINATE SYSTEM ESTABLISHED FOR THE SOUTH CENTRAL ZONE DISPLAYED IN GRID VALUES DERIVED FROM THE NGS COOPERATIVE CORS NETWORK.
32. MONUMENTS AND LOT MARKERS WILL BE SET WITH 1/2" IRON ROD WITH CAP MARKED "PAPE-DAWSON" OR MAG NAIL WITH DISK MARKED "PAPE-DAWSON" AFTER THE COMPLETION OF UTILITY INSTALLATION AND STREET CONSTRUCTION UNLESS NOTED OTHERWISE.
33. DIMENSIONS SHOWN ARE SURFACE.
34. BEARINGS ARE BASED ON THE NORTH AMERICAN DATUM OF 1983 NAD83 (NA2011) EPOCH 2010.00, FROM THE TEXAS COORDINATE SYSTEM ESTABLISHED FOR THE SOUTH CENTRAL ZONE.
35. CLEAR VISION AREAS MUST BE FREE OF VISUAL OBSTRUCTIONS IN ACCORDANCE WITH THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO) POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS, OR LATEST REVISION THEREOF.

6 CREEKS-PHASE 1, SECTION 18A2
Civil Job No. 8141-66; Survey Job No. 8141-08
Date: Jan 08, 2025, 9:36pm User ID: rherbert
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PRELIMINARY PLAT
OF
6 CREEKS-PHASE 1, SECTION 18A2

A TOTAL OF 14.575 ACRES, COMPRISED OF A PORTION OF THE 608.7 ACRE TRACT DESCRIBED IN DOCUMENT NO. 22044745 IN THE OFFICIAL PUBLIC RECORDS OF HAYS COUNTY, TEXAS, IN THE CALEB W BAKER SURVEY NO. 15, ABSTRACT 31, AND IN THE SAMUEL PHARASS ¼ LEAGUE, SURVEY NO. 14, ABSTRACT 360, PARTIALLY IN THE CITY OF KYLE, HAYS COUNTY, TEXAS.

PAPE-DAWSON ENGINEERS
SAN ANTONIO | AUSTIN | HOUSTON | FORT WORTH | DALLAS
2000 NW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #10028800

DATE OF PREPARATION: January 8, 2025

THE STATE OF TEXAS §
COUNTY OF TRAVIS §

KNOW ALL MEN BY THESE PRESENTS, THAT HM 6 CREEKS DEVELOPMENT, INC., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF TEXAS, WITH ITS HOME ADDRESS AT 2901 BEE CAVES ROAD, SUITE F, AUSTIN, TEXAS, AS CONVEYED TO IT BY DEED, RECORDED SEPTEMBER 21, 2022, IN DOCUMENT NUMBER 22044745, OF THE OFFICIAL PUBLIC RECORDS OF HAYS COUNTY, TEXAS, DOES HEREBY SUBDIVIDE 14.575 ACRES OF LAND OUT OF THE SAMUEL PHARASS 1/4 LEAGUE, SURVEY NO. 14, ABSTRACT 360, AND CALEB W. BAKER SURVEY, ABSTRACT NO. 31, TO BE KNOWN AS:

6 CREEKS-PHASE 1, SECTION 18A2

IN ACCORDANCE WITH THE PLAT SHOWN HEREON, SUBJECT TO ANY AND ALL EASEMENTS OR RESTRICTIONS HERETOFORE GRANTED, AND DO HEREBY DEDICATE TO THE PUBLIC THE USE OF THE STREETS AND EASEMENTS SHOWN HEREON.

_____
HM 6 CREEKS DEVELOPMENT, INC.
BY: JAY HANNA
PRESIDENT
2901 BEE CAVES ROAD, SUITE F
AUSTIN, TEXAS 78703

THE STATE OF TEXAS §
COUNTY OF TRAVIS §

BEFORE ME, THE UNDERSIGNED AUTHORITY ON THIS DAY PERSONALLY APPEARED _____, KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT, AND HE/SHE ACKNOWLEDGED TO ME THAT HE/SHE EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATIONS THEREIN EXPRESSED AND IN THE CAPACITY THEREIN AND HEREIN SET OUT, AND AS THE ACT AND DEED OF SAID CORPORATION, GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS DAY OF _____, A.D. 20____.

_____
NOTARY PUBLIC, STATE OF TEXAS

_____
PRINTED NOTARY'S NAME

MY COMMISSION EXPIRES: _____

THE STATE OF TEXAS §
COUNTY OF COMAL §

I, THE UNDERSIGNED, A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF TEXAS, HEREBY CERTIFY, THAT THIS PLAT IS TRUE AND CORRECT, THAT IT WAS PREPARED FROM AN ACTUAL SURVEY OF THE PROPERTY MADE UNDER MY SUPERVISION ON THE GROUND, AND THAT ALL NECESSARY SURVEY MONUMENTS ARE CORRECTLY SET OR FOUND AS SHOWN THEREON.

PRELIMINARY, THIS DOCUMENT SHALL NOT BE RECORDED FOR ANY PURPOSE AND SHALL NOT BE USED OR VIEWED OR RELIED UPON AS A FINAL SURVEY DOCUMENT.

_____ DATE
KEITH WOOLEY
REGISTERED PROFESSIONAL LAND SURVEYOR NO. 5463
STATE OF TEXAS
PAPE-DAWSON ENGINEERS
TBPELS, TEXAS SURVEYING FIRM #10028800
2000 NW LOOP 410
SAN ANTONIO, TX 78213

THE STATE OF TEXAS §
COUNTY OF BEXAR §

I, THE UNDERSIGNED, A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF TEXAS, HEREBY CERTIFY THAT PROPER ENGINEERING CONSIDERATION HAS BEEN GIVEN THIS PLAT.

_____ DATE
REBECCA ANN CARROLL
REGISTERED PROFESSIONAL ENGINEER NO. 92666
PAPE-DAWSON ENGINEERS
TBPELS, TEXAS ENGINEERING FIRM #470
2000 NW LOOP 410
SAN ANTONIO, TX 78213

I, THE UNDERSIGNED, DIRECTOR OF THE HAYS COUNTY DEVELOPMENT SERVICES DEPARTMENT, HEREBY CERTIFY THAT THIS SUBDIVISION PLAT CONFORMS TO ALL HAYS COUNTY REQUIREMENTS AS STATED IN THE INTERLOCAL COOPERATION AGREEMENT BETWEEN HAYS COUNTY AND THE CITY OF KYLE FOR SUBDIVISION REGULATIONS WITHIN THE EXTRATERRITORIAL JURISDICTION.

_____
MARCUS PACHECO,
DIRECTOR
HAYS COUNTY DEVELOPMENT SERVICES

I, THE UNDERSIGNED, DIRECTOR OF THE HAYS COUNTY DEVELOPMENT SERVICES DEPARTMENT, HEREBY CERTIFY THAT THIS SUBDIVISION PLAT CONFORMS TO ALL HAYS COUNTY REQUIREMENTS AS STATED IN THE HAYS COUNTY DEVELOPMENT REGULATIONS AND/OR HAYS COUNTY RULES FOR ON-SITE SEWAGE FACILITIES.

_____
MARCUS PACHECO,
DIRECTOR
HAYS COUNTY DEVELOPMENT SERVICES

I, THE UNDERSIGNED, FLOODPLAIN ADMINISTRATOR OF HAYS COUNTY, HEREBY CERTIFY THAT THIS SUBDIVISION PLAT CONFORMS TO ALL HAYS COUNTY FLOODPLAIN REQUIREMENTS AS STATED IN THE HAYS COUNTY DEVELOPMENT REGULATIONS.

_____
ERIC VAN GAASBEEK, R.S., C.F.M.
FLOODPLAIN ADMINISTRATOR
HAYS COUNTY DEVELOPMENT SERVICES

STATE OF TEXAS
COUNTY OF HAYS

I, ELAINE H. CARDENAS, COUNTY CLERK OF HAYS COUNTY, TEXAS, DO HEREBY CERTIFY THAT THE FOREGOING INSTRUMENT OF WRITING WITH ITS CERTIFICATE OF AUTHENTICATION WAS FILED FOR RECORD IN MY OFFICE ON THE _____ DAY OF _____, A.D. 20_____, AT _____ O'CLOCK _____M., IN THE PLAT RECORDS OF HAYS COUNTY, IN TEXAS IN INSTRUMENT NUMBER _____.

WITNESS MY HAND AND SEAL OF OFFICE, THIS _____ DAY OF _____, A.D., 20_____.

_____
ELAINE H. CARDENAS
COUNTY CLERK
HAYS COUNTY, TEXAS

STATE OF TEXAS
COUNTY OF HAYS

I, THE UNDERSIGNED, CITY ENGINEER OF THE CITY OF KYLE, HEREBY CERTIFY THAT THIS PLAT CONFORMS TO THE REQUIREMENTS OF THE SUBDIVISION ORDINANCE AND HEREBY RECOMMEND APPROVAL.

_____
CITY ENGINEER

I, THE UNDERSIGNED, DIRECTOR OF WATER UTILITIES OF THE CITY OF KYLE, HEREBY CERTIFY THAT THIS SUBDIVISION PLAT CONFORMS TO THE CITY OF KYLE SUBDIVISION ORDINANCE AND HEREBY RECOMMEND APPROVAL.

_____
DIRECTOR OF WATER UTILITIES

THIS PLAT HAS BEEN SUBMITTED TO AND CONSIDERED BY THE PLANNING AND ZONING COMMISSION OF THE CITY KYLE, TEXAS, AND IS HEREBY APPROVED BY SUCH PLANNING AND ZONING COMMISSION.

DATED THIS _____ DAY OF _____, 20_____.

_____
CHAIRPERSON

6 CREEKS-PHASE 1, SECTION 18A2
Civil Job No. 8141-66; Survey Job No. 8141-08
Date: Jan 08, 2025, 9:38pm User ID: rhertert
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GENERAL NOTES:

1. DO NOT DISTURB VEGETATED AREAS (TREES, GRASS, WEEDS, BRUSH, ETC.) ANY MORE THAN NECESSARY FOR CONSTRUCTION.

2. LOCATIONS OF CONSTRUCTION ENTRANCE/EXITS, CONCRETE WASHOUT PITS, AND CONSTRUCTION EQUIPMENT AND MATERIAL STORAGE YARDS TO BE DETERMINED IN THE FIELD.

3. STORM WATER POLLUTION PREVENTION CONTROLS MAY NEED TO BE MODIFIED IN THE FIELD TO ACCOMPLISH THE DESIRED EFFECT. ALL MODIFICATIONS ARE TO BE NOTED ON THIS EXHIBIT AND SIGNED AND DATED BY THE RESPONSIBLE PARTY.

4. RESTRICT ENTRY/EXIT TO THE PROJECT SITE TO DESIGNATED LOCATIONS BY USE OF ADEQUATE FENCING, IF NECESSARY.

5. ALL STORM WATER POLLUTION PREVENTION CONTROLS ARE TO BE MAINTAINED AND IN WORKING CONDITIONS AT ALL TIMES.

6. CONTRACTOR, TO THE EXTENT PRACTICAL, SHALL MINIMIZE THE AMOUNT OF AREA DISTURBED, AS SOON AS PRACTICAL, ALL DISTURBED SOIL THAT WILL NOT BE COVERED BY IMPERVIOUS COVER SUCH AS PARKWAY AREAS, EASEMENT AREAS, EMBANKMENT SLOPES, ETC. WILL BE STABILIZED PER APPLICABLE PROJECT SPECIFICATIONS.

7. BEST MANAGEMENT PRACTICES MAY BE INSTALLED IN STAGES TO COINCIDE WITH THE DISTURBANCE OF UPGRADIENT AREAS.

8. BEST MANAGEMENT PRACTICES MAY BE REMOVED IN STAGES ONCE THE WATERSHED FOR THAT PORTION CONTROLLED BY THE BEST MANAGEMENT PRACTICES HAS BEEN STABILIZED.

9. ALL TEMPORARY BMPs WILL BE REMOVED ONCE WATERSHED IS STABILIZED.

10. MUD OR DIRT INADVERTENTLY TRACKED OFF-SITE AND ONTO EXISTING STREETS SHALL BE REMOVED IMMEDIATELY BY HAND OR MECHANICAL BROOM SWEEPING.

11. PRIOR TO INITIATION OF SUBSEQUENT PHASES OF CONSTRUCTION, TEMPORARY BMPS INCLUDING SILT FENCING, CONSTRUCTION ENTRANCE/EXIT, CONCRETE WASHOUT PIT, AND CONSTRUCTION STAGING AREA SHALL BE FIELD LOCATED AS APPROPRIATE FOR THE AREA OF CONSTRUCTION.

12. TEMPORARY POLLUTION ABATEMENT MEASURES SHOWN ON THE PLAN ARE FOR THE OVERALL DEVELOPMENT. TEMPORARY BMPS MAY REQUIRE ADJUSTMENT BASED ON PHASING OF CONSTRUCTION OF THE DEVELOPMENT. RECORDS OF ADJUSTMENTS AND REVISIONS SHALL BE MAINTAINED AS APPROPRIATE.

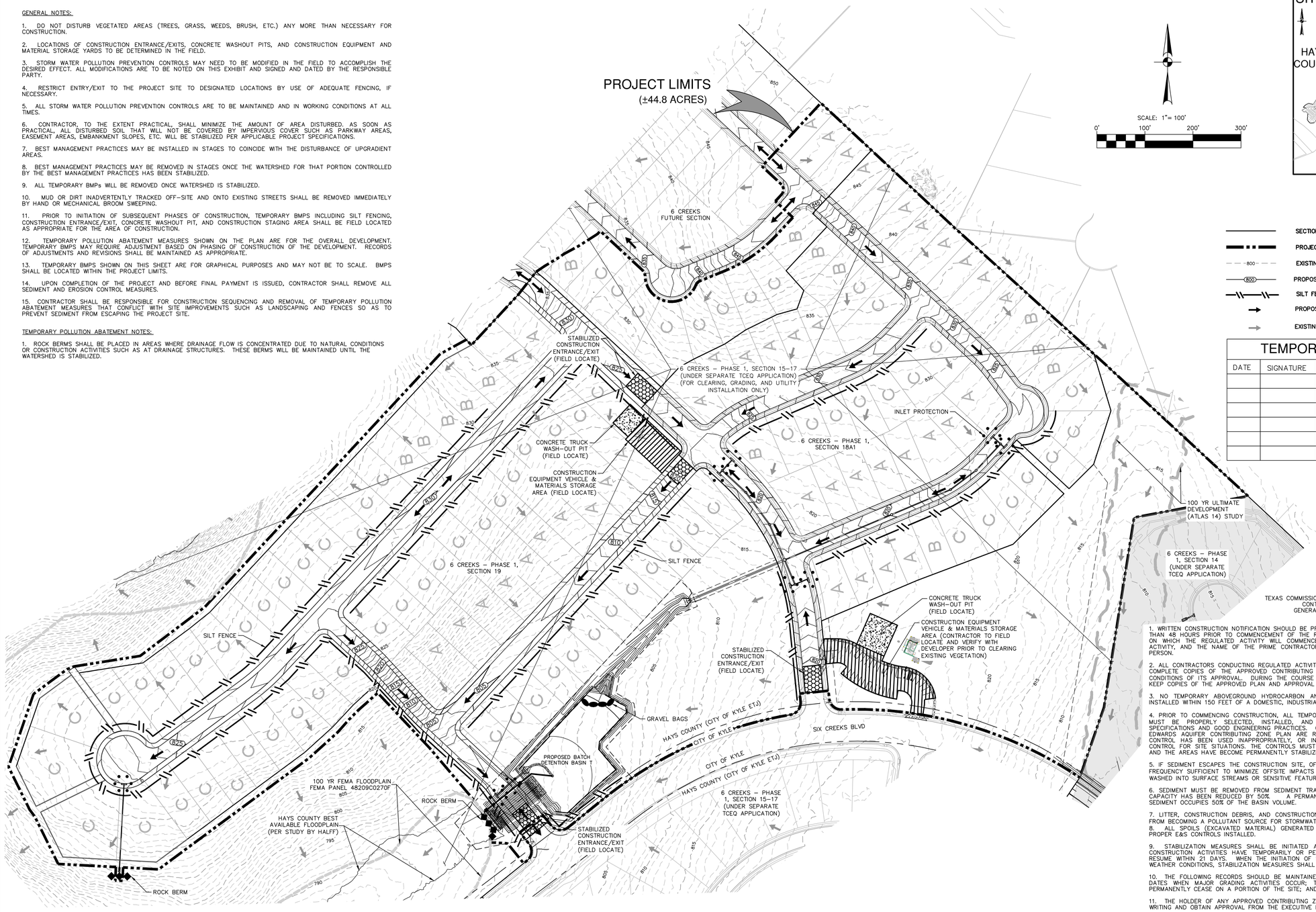
13. TEMPORARY BMPS SHOWN ON THIS SHEET ARE FOR GRAPHICAL PURPOSES AND MAY NOT BE TO SCALE. BMPS SHALL BE LOCATED WITHIN THE PROJECT LIMITS.

14. UPON COMPLETION OF THE PROJECT AND BEFORE FINAL PAYMENT IS ISSUED, CONTRACTOR SHALL REMOVE ALL SEDIMENT AND EROSION CONTROL MEASURES.

15. CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION SEQUENCING AND REMOVAL OF TEMPORARY POLLUTION ABATEMENT MEASURES THAT CONFLICT WITH SITE IMPROVEMENTS SUCH AS LANDSCAPING AND FENCES SO AS TO PREVENT SEDIMENT FROM ESCAPING THE PROJECT SITE.

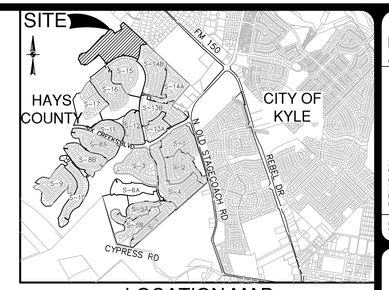
TEMPORARY POLLUTION ABATEMENT NOTES:

1. ROCK BERMS SHALL BE PLACED IN AREAS WHERE DRAINAGE FLOW IS CONCENTRATED DUE TO NATURAL CONDITIONS OR CONSTRUCTION ACTIVITIES SUCH AS AT DRAINAGE STRUCTURES. THESE BERMS WILL BE MAINTAINED UNTIL THE WATERSHED IS STABILIZED.



SCALE: 1"= 100'

0' 100' 200' 300'



LOCATION MAP
NOT-TO-SCALE

LEGEND:

- SECTION BOUNDARY
- PROJECT LIMITS
- EXISTING CONTOURS (800)
- PROPOSED CONTOURS (800)
- SILT FENCE
- PROPOSED FLOW ARROW
- EXISTING FLOW ARROW
- ROCK BERM
- INLET PROTECTION
- GRAVEL BAGS
- STABILIZED CONSTRUCTION ENTRANCE/ EXIT (FIELD LOCATE)
- AREAS COVERED BY SEPARATE CZP

TEMPORARY BMP MODIFICATIONS

DATE	SIGNATURE	DESCRIPTION

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
CONTRIBUTING ZONE PLAN
GENERAL CONSTRUCTION NOTES

1. WRITTEN CONSTRUCTION NOTIFICATION SHOULD BE PROVIDED TO THE APPROPRIATE TCEQ REGIONAL OFFICE NO LATER THAN 48 HOURS PRIOR TO COMMENCEMENT OF THE REGULATED ACTIVITY. INFORMATION SHOULD INCLUDE THE DATE ON WHICH THE REGULATED ACTIVITY WILL COMMENCE, THE NAME OF THE APPROVED PLAN FOR THE REGULATED ACTIVITY, AND THE NAME OF THE PRIME CONTRACTOR WITH THE NAME AND TELEPHONE NUMBER OF THE CONTACT PERSON.

2. ALL CONTRACTORS CONDUCTING REGULATED ACTIVITIES ASSOCIATED WITH THIS PROJECT SHOULD BE PROVIDED WITH COMPLETE COPIES OF THE APPROVED CONTRIBUTING ZONE PLAN AND THE TCEQ LETTER INDICATING THE SPECIFIC CONDITIONS OF ITS APPROVAL. DURING THE COURSE OF THESE REGULATED ACTIVITIES, THE CONTRACTOR(S) SHOULD KEEP COPIES OF THE APPROVED PLAN AND APPROVAL LETTER ON-SITE.

3. NO TEMPORARY ABOVEGROUND HYDROCARBON AND HAZARDOUS SUBSTANCE STORAGE TANK SYSTEM MAY BE INSTALLED WITHIN 150 FEET OF A DOMESTIC, INDUSTRIAL, IRRIGATION, OR PUBLIC WATER SUPPLY WELL.

4. PRIOR TO COMMENCING CONSTRUCTION, ALL TEMPORARY EROSION AND SEDIMENTATION (E&S) CONTROL MEASURES MUST BE PROPERLY SELECTED, INSTALLED, AND MAINTAINED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND GOOD ENGINEERING PRACTICES. CONTROLS SPECIFIED IN THE SWPPP SECTION OF THE APPROVED EDWARDS AQUIFER CONTRIBUTING ZONE 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.

5. 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).

6. SEDIMENT MUST BE REMOVED FROM SEDIMENT TRAPS OR SEDIMENTATION PONDS NOT LATER THAN WHEN DESIGN CAPACITY HAS BEEN REDUCED BY 50%. A PERMANENT STAKE MUST BE PROVIDED THAT CAN INDICATE WHEN THE SEDIMENT OCCUPIES 50% OF THE BASIN VOLUME.

7. 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).
8. ALL SPOILS (EXCAVATED MATERIAL) GENERATED FROM THE PROJECT SITE AND STORED ON-SITE MUST HAVE PROPER E&S CONTROLS INSTALLED.

9. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, AND CONSTRUCTION ACTIVITIES WILL NOT RESUME WITHIN 21 DAYS. WHEN THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY IS PRECLUDED BY WEATHER CONDITIONS, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE.

10. THE FOLLOWING RECORDS SHOULD 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.

11. THE HOLDER OF ANY APPROVED CONTRIBUTING ZONE PLAN MUST NOTIFY THE APPROPRIATE REGIONAL OFFICE IN WRITING AND OBTAIN APPROVAL FROM THE EXECUTIVE DIRECTOR PRIOR TO INITIATING ANY OF THE FOLLOWING:

A. ANY PHYSICAL OR OPERATIONAL MODIFICATION OF ANY BEST MANAGEMENT PRACTICES OR STRUCTURE(S), INCLUDING BUT NOT LIMITED TO TEMPORARY OR PERMANENT PONDS, DAMS, BERMS, SILT FENCES, AND DIVERSIONARY STRUCTURES;

B. ANY CHANGE IN THE NATURE OR CHARACTER OF THE REGULATED ACTIVITY FROM THAT WHICH WAS ORIGINALLY APPROVED;

C. ANY CHANGE THAT WOULD SIGNIFICANTLY IMPACT THE ABILITY TO PREVENT POLLUTION OF THE EDWARDS AQUIFER AND HYDROLOGICALLY CONNECTED SURFACE WATER; OR

D. ANY DEVELOPMENT OF LAND PREVIOUSLY IDENTIFIED IN A CONTRIBUTING ZONE PLAN AS UNDEVELOPED.

MC REGION 11
PO BOX 13087
AUSTIN, TEXAS 78711-3087
PHONE (512) 339-2929
FAX (512) 339-3795

THE ENGINEERING SEAL HAS BEEN AFFIXED TO THIS SHEET ONLY FOR THE PURPOSE OF DEMONSTRATING COMPLIANCE WITH THE POLLUTION ABATEMENT SIZING AND TREATMENT REQUIREMENTS OF THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY'S EDWARDS AQUIFER TECHNICAL GUIDANCE MANUAL.

THIS SHEET HAS BEEN PREPARED FOR PURPOSES OF POLLUTION ABATEMENT ONLY. ALL OTHER CIVIL ENGINEERING RELATED INFORMATION SHOULD BE ACQUIRED FROM THE APPROPRIATE SHEET IN THE CIVIL IMPROVEMENT PLANS.

CZP EXHIBIT 1

NO.	REVISION	DATE

10/4/2024

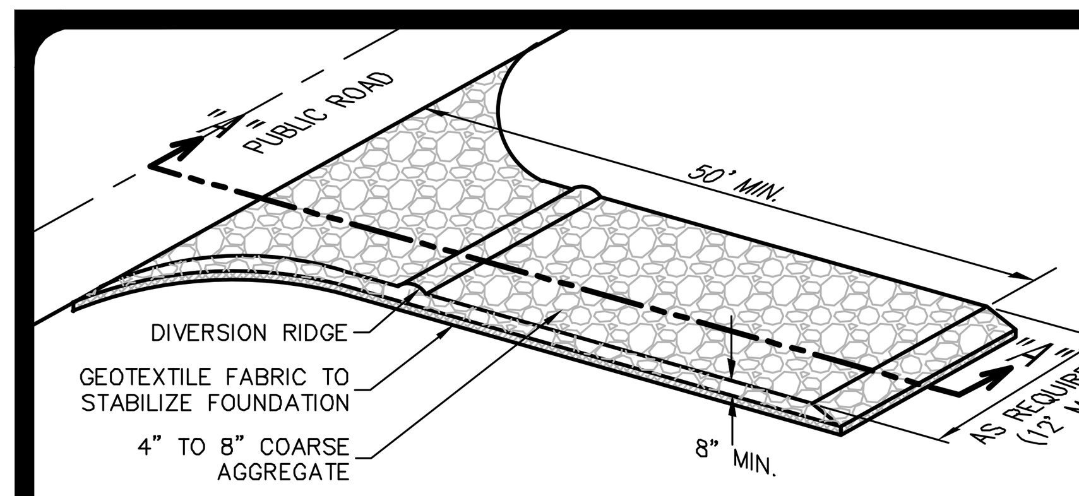
STATE OF TEXAS
REBECCA ANN CARROLL
92666
LICENSED
PROFESSIONAL ENGINEER

PAPE-DAWSON ENGINEERS
SAN ANTONIO | AUSTIN | HOUSTON | FORT WORTH | DALLAS
2000 NW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
TBPE FIRM REGISTRATION #470 | TBPLS FIRM REGISTRATION #10028800

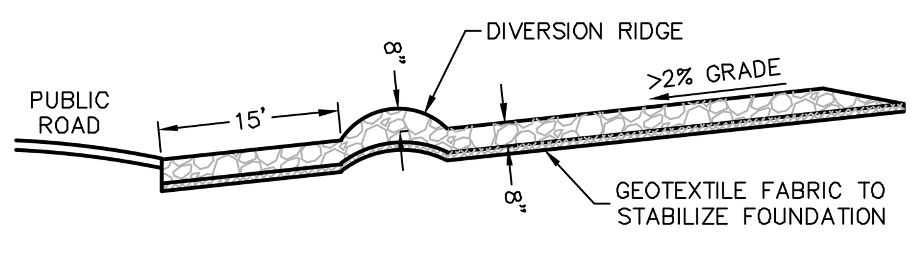
6 CREEKS - PHASE 1, SECTION 18A1 & 19
HAYS COUNTY, TEXAS
CONTRIBUTING ZONE PLAN MOD
TEMPORARY WATER POLLUTION ABATEMENT PLAN

PLAT NO.
JOB NO. 8141-64
DATE OCTOBER 2024
DESIGNER JP
CHECKED ____ DRAWN IA
SHEET 1 OF 1

Date: Oct 04, 2024, 12:16pm User ID: jpowell
File: P:\81\41\64\Design\Civil\TCEQ\TM814164.dwg



SCHEMATIC OF TEMPORARY CONSTRUCTION ENTRANCE/EXIT



SECTION "A-A" OF A CONSTRUCTION ENTRANCE/EXIT

MATERIALS

1. THE AGGREGATE SHOULD CONSIST OF 4-INCH TO 8-INCH WASHED STONE OVER A STABLE FOUNDATION AS SPECIFIED IN THE PLAN.

2. THE AGGREGATE SHOULD BE PLACED WITH A MINIMUM THICKNESS OF 8-INCHES.

3. THE GEOTEXTILE FABRIC SHOULD BE DESIGNED SPECIFICALLY FOR USE AS A SOIL FILTRATION MEDIA WITH AN APPROXIMATE WEIGHT OF 6 OZ/YD², A MULLEN BURST RATING OF 140 LB/IN², AND AN EQUIVALENT OPENING SIZE GREATER THAN A NUMBER 50 SIEVE.

4. IF A WASHING FACILITY IS REQUIRED, A LEVEL AREA WITH A MINIMUM OF 4-INCH DIAMETER WASHED STONE OR COMMERCIAL ROCK SHOULD BE INCLUDED IN THE PLANS. DIVERT WASTEWATER TO A SEDIMENT TRAP OR BASIN.

INSTALLATION

1. AVOID CURVES ON PUBLIC ROADS AND STEEP SLOPES. REMOVE VEGETATION AND OTHER OBJECTIONABLE MATERIAL FROM THE FOUNDATION AREA. GRADE CROWN FOUNDATION FOR POSITIVE DRAINAGE.

2. THE MINIMUM WIDTH OF THE ENTRANCE/EXIT SHOULD BE 12 FEET OR THE FULL WIDTH OF EXIT ROADWAY, WHICHEVER IS GREATER.

3. THE CONSTRUCTION ENTRANCE SHOULD BE AT LEAST 50 FEET LONG.

4. IF THE SLOPE TOWARD THE ROAD EXCEEDS 2%, CONSTRUCT A RIDGE, 6-INCHES TO 8-INCHES HIGH WITH 3:1 (H:V) SIDE SLOPES, ACROSS THE FOUNDATION APPROXIMATELY 15 FEET FROM THE ENTRANCE TO DIVERT RUNOFF AWAY FROM THE PUBLIC ROAD.

5. PLACE GEOTEXTILE FABRIC AND GRADE FOUNDATION TO IMPROVE STABILITY, ESPECIALLY WHERE WET CONDITIONS ARE ANTICIPATED.

6. PLACE STONE TO DIMENSIONS AND GRADE SHOWN ON PLANS. LEAVE SURFACE SMOOTH AND SLOPE FOR DRAINAGE.

7. DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE STONE PAD TO A SEDIMENT TRAP OR BASIN.

8. INSTALL PIPE UNDER PAD AS NEEDED TO MAINTAIN PROPER PUBLIC ROAD DRAINAGE.

COMMON TROUBLE POINTS

1. INADEQUATE RUNOFF CONTROL—SEDIMENT WASHES ONTO PUBLIC ROAD.

2. STONE TOO SMALL OR GEOTEXTILE FABRIC ABSENT, RESULTS IN MUDDY CONDITION AS STONE IS PRESSED INTO SOIL.

3. PAD TOO SHORT FOR HEAVY CONSTRUCTION TRAFFIC—EXTEND PAD BEYOND THE MINIMUM 50-FOOT LENGTH AS NECESSARY.

4. PAD NOT FLARED SUFFICIENTLY AT ROAD SURFACE, RESULTS IN MUD BEING TRACKED ON TO ROAD AND POSSIBLE DAMAGE TO ROAD.

5. UNSTABLE FOUNDATION — USE GEOTEXTILE FABRIC UNDER PAD AND/OR IMPROVE FOUNDATION DRAINAGE.

INSPECTION AND MAINTENANCE GUIDELINES

1. THE ENTRANCE SHOULD BE MAINTAINED IN A CONDITION, WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.

2. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY SHOULD BE REMOVED IMMEDIATELY BY CONTRACTOR.

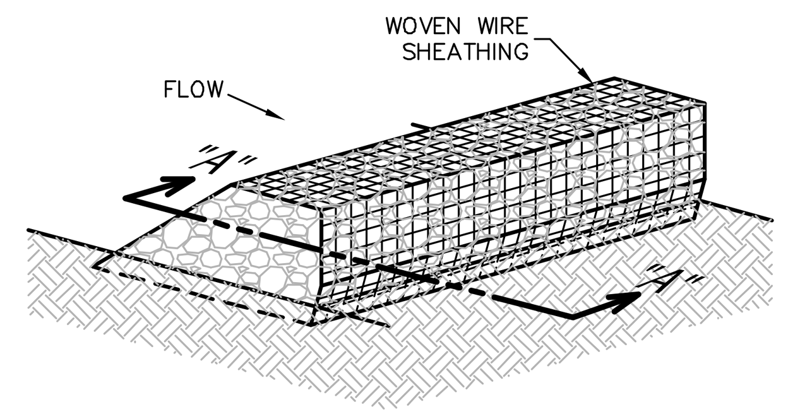
3. WHEN NECESSARY, WHEELS SHOULD BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.

4. WHEN WASHING IS REQUIRED, IT SHOULD BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

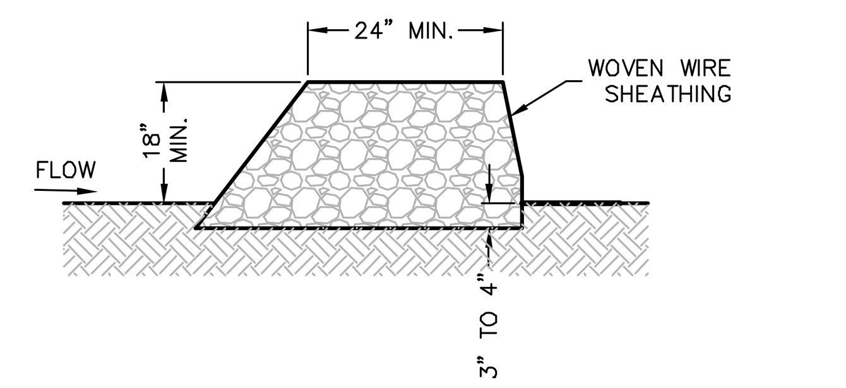
5. ALL SEDIMENT SHOULD BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH OR WATER COURSE BY USING APPROVED METHODS.

STABILIZED CONSTRUCTION ENTRANCE/EXIT DETAIL

NOT-TO-SCALE



ISOMETRIC PLAN VIEW



SECTION "A-A"

ROCK BERMS

THE PURPOSE OF A ROCK BERM IS TO SERVE AS A CHECK DAM IN AREAS OF CONCENTRATED FLOW, TO INTERCEPT SEDIMENT-LADEN RUNOFF, DETAIN THE SEDIMENT AND RELEASE THE WATER IN SHEET FLOW. THE ROCK BERM SHOULD BE USED WHEN THE CONTRIBUTING DRAINAGE AREA IS LESS THAN 5 ACRES. ROCK BERMS ARE USED IN AREAS WHERE THE VOLUME OF RUNOFF IS TOO GREAT FOR A SILT FENCE TO CONTAIN. THEY ARE LESS EFFECTIVE FOR SEDIMENT REMOVAL THAN SILT FENCES, PARTICULARLY FOR FINE PARTICLES, BUT ARE ABLE TO WITHSTAND HIGHER FLOWS THAN A SILT FENCE. AS SUCH, ROCK BERMS ARE OFTEN USED IN AREAS OF CHANNEL FLOWS (DITCHES, GULLIES, ETC.). ROCK BERMS ARE MOST EFFECTIVE AT REDUCING BED LOAD IN CHANNELS AND SHOULD NOT BE SUBSTITUTED FOR OTHER EROSION AND SEDIMENT CONTROL MEASURES FARTHER UP THE WATERSHED.

INSPECTION AND MAINTENANCE GUIDELINES

1. INSPECTION SHOULD BE MADE WEEKLY AND AFTER EACH RAINFALL BY THE RESPONSIBLE PARTY. FOR INSTALLATIONS IN STREAMBEDS, ADDITIONAL DAILY INSPECTIONS SHOULD BE MADE.

2. REMOVE SEDIMENT AND OTHER DEBRIS WHEN BUILDUP REACHES 6 INCHES AND DISPOSE OF THE ACCUMULATED SILT IN AN APPROVED MANNER THAT WILL NOT CAUSE ANY ADDITIONAL SILTATION.

3. REPAIR ANY LOOSE WIRE SHEATHING.

4. THE BERM SHOULD BE RESHAPED AS NEEDED DURING INSPECTION.

5. THE BERM SHOULD BE REPLACED WHEN THE STRUCTURE CEASES TO FUNCTION AS INTENDED DUE TO SILT ACCUMULATION AMONG THE ROCKS, WASHOUT, CONSTRUCTION TRAFFIC DAMAGE, ETC.

6. THE ROCK BERM SHOULD BE LEFT IN PLACE UNTIL ALL UPSTREAM AREAS ARE STABILIZED AND ACCUMULATED SILT REMOVED.

MATERIALS

1. THE BERM STRUCTURE SHOULD BE SECURED WITH A WOVEN WIRE SHEATHING HAVING MAXIMUM OPENING OF 1 INCH AND A MINIMUM WIRE DIAMETER OF 20 GAUGE GALVANIZED AND SHOULD BE SECURED WITH SHOAT RINGS.

2. CLEAN, OPEN GRADED 3-INCH TO 5-INCH DIAMETER ROCK SHOULD BE USED, EXCEPT IN AREAS WHERE HIGH VELOCITIES OR LARGE VOLUMES OF FLOW ARE EXPECTED, WHERE 5-INCH TO 8-INCH DIAMETER ROCKS MAY BE USED.

INSTALLATION

1. LAY OUT THE WOVEN WIRE SHEATHING PERPENDICULAR TO THE FLOW LINE. THE SHEATHING SHOULD BE 20 GAUGE WOVEN WIRE MESH WITH 1 INCH OPENINGS.

2. BERM SHOULD HAVE A TOP WIDTH OF 2 FEET MINIMUM WITH SIDE SLOPES BEING 2:1 (H:V) OR FLATTER.

3. PLACE THE ROCK ALONG THE SHEATHING AS SHOWN IN THE DIAGRAM TO A HEIGHT NOT LESS THAN 18".

4. WRAP THE WIRE SHEATHING AROUND THE ROCK AND SECURE WITH TIE WIRE SO THAT THE ENDS OF THE SHEATHING OVERLAP AT LEAST 2 INCHES, AND THE BERM RETAINS ITS SHAPE WHEN WALKED UPON.

5. BERM SHOULD BE BUILT ALONG THE CONTOUR AT ZERO PERCENT GRADE OR AS NEAR AS POSSIBLE.

6. THE ENDS OF THE BERM SHOULD BE TIED INTO EXISTING UPSLOPE GRADE AND THE BERM SHOULD BE BURIED IN A TRENCH APPROXIMATELY 3 TO 4 INCHES DEEP TO PREVENT FAILURE OF THE CONTROL.

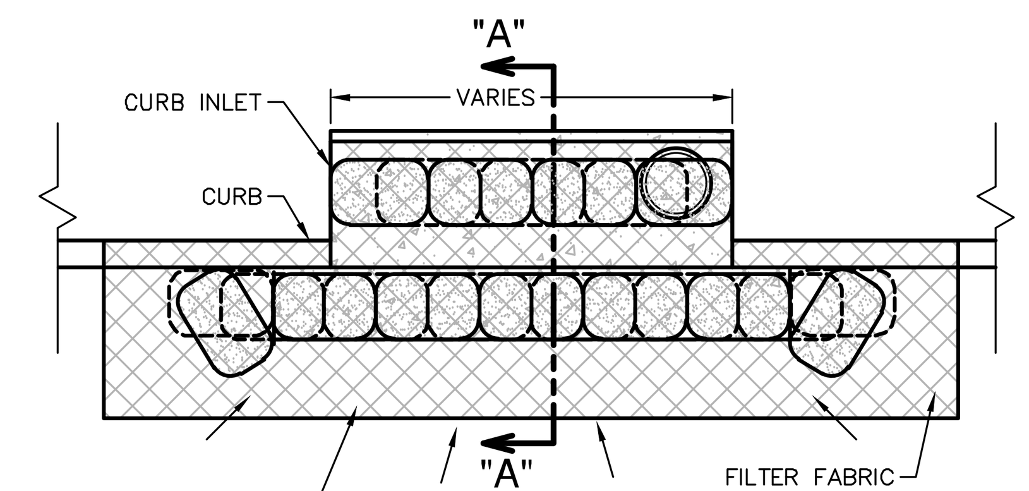
COMMON TROUBLE POINTS

1. INSUFFICIENT BERM HEIGHT OR LENGTH (RUNOFF QUICKLY ESCAPES OVER THE TOP OR AROUND THE SIDES OF BERM).

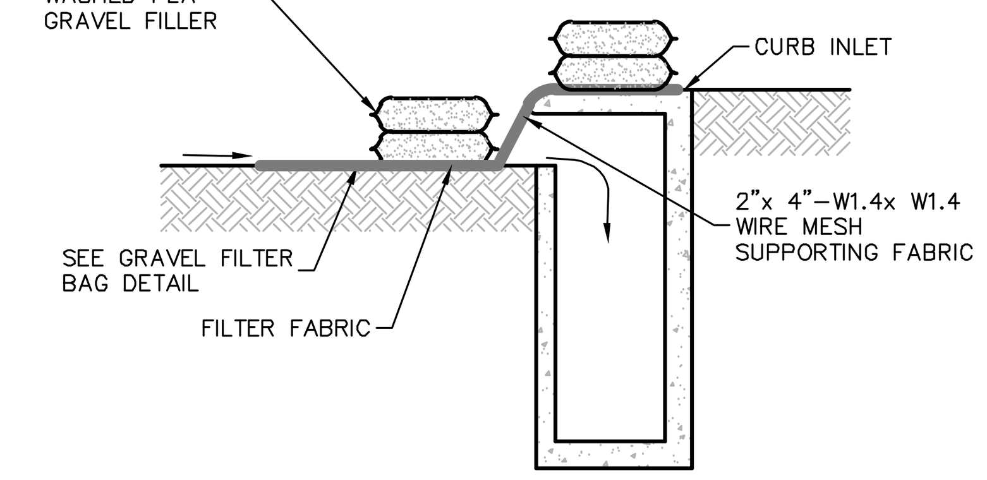
2. BERM NOT INSTALLED PERPENDICULAR TO FLOW LINE (RUNOFF ESCAPING AROUND ONE SIDE).

ROCK BERM DETAIL

NOT-TO-SCALE



PLAN VIEW



SECTION "A-A"

GENERAL NOTES

1. CONTRACTOR TO INSTALL 2"x4"-W1.4xW1.4 WIRE MESH SUPPORTING FILTER FABRIC OVER THE INLET OPENING. FABRIC MUST BE SECURED TO WIRE BACKING WITH CLIPS OR WIRE TIES AT THIS LOCATION. SAND BAGS FILLED WITH WASHED PEA GRAVEL SHOULD BE PLACED ON TOP OF WIRE MESH ON TOP OF THE INLET AS SHOWN ON THIS DETAIL TO HOLD WIRE MESH IN PLACE. SANDBAGS FILLED WITH WASHED PEA GRAVEL SHOULD ALSO BE PLACED ALONG THE GUTTER AS SHOWN ON THIS DETAIL TO HOLD WIRE MESH IN PLACE. SAND BAGS TO BE STACKED TO FORM A CONTINUOUS BARRIER AROUND INLETS.

2. THE BAGS SHOULD BE TIGHTLY ABUTTED AGAINST EACH OTHER TO PREVENT RUNOFF FROM FLOWING BETWEEN THE BAGS.

INSPECTION AND MAINTENANCE GUIDELINES

1. INSPECTION SHOULD BE MADE WEEKLY AND AFTER EACH RAINFALL. REPAIR OR REPLACEMENT SHOULD BE MADE PROMPTLY AS NEEDED BY THE CONTRACTOR.

2. REMOVE SEDIMENT WHEN BUILDUP REACHES A DEPTH OF 3 INCHES. REMOVED SEDIMENT SHOULD BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.

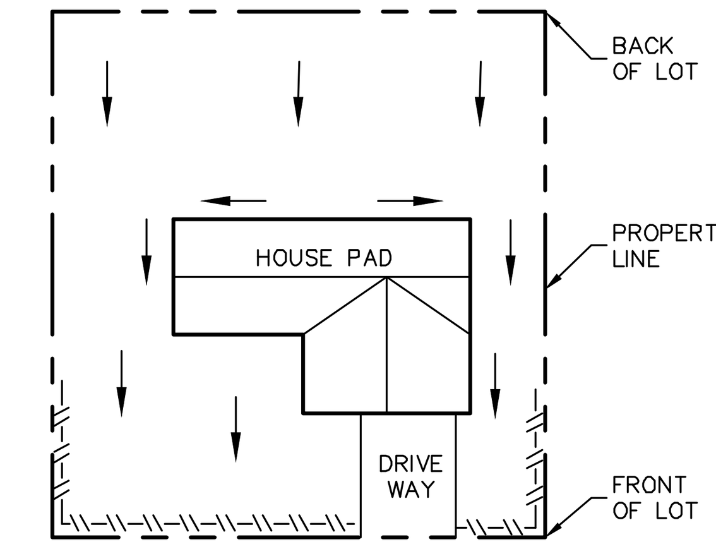
3. CHECK PLACEMENT OF DEVICE TO PREVENT GAPS BETWEEN DEVICE AND CURB.

4. INSPECT FILTER FABRIC AND PATCH OR REPLACE IF TORN OR MISSING.

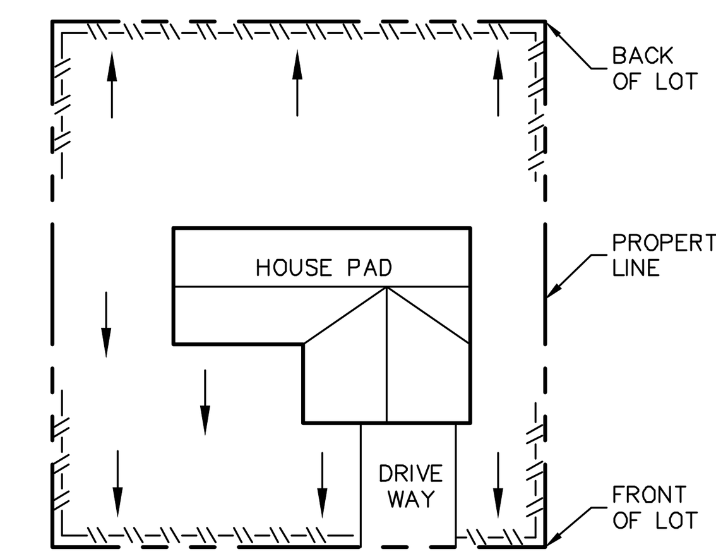
5. STRUCTURES SHOULD BE REMOVED AND THE AREA STABILIZED ONLY AFTER THE REMAINING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.

BAGGED GRAVEL CURB INLET PROTECTION DETAIL

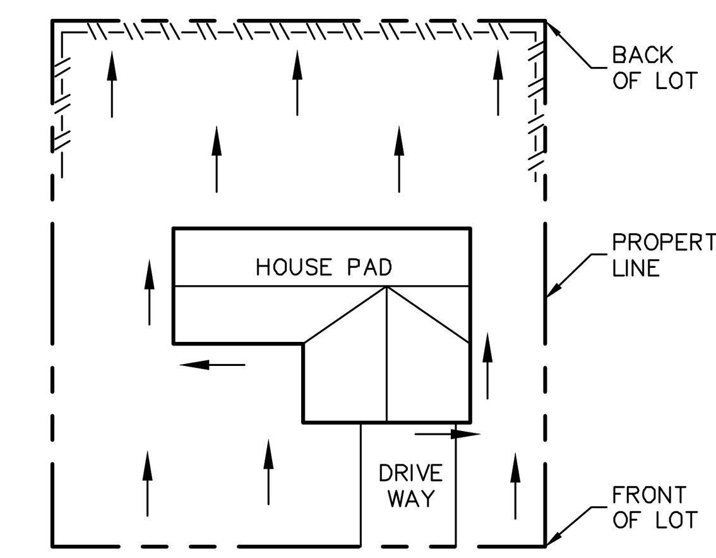
NOT-TO-SCALE



LOT TYPE-A



LOT TYPE-B



LOT TYPE-C

NOTE: SILT FENCE TO BE INSTALLED PER THESE DETAILS AND LOCATED ON THE DOWNGRADIENT SIDE OF EACH LOT LINE OR LIMITS OF CLEARING AS GENERALLY SHOWN ON THE OVERALL SITE PLAN.

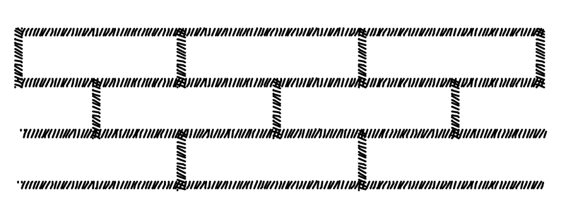
LEGEND

SILT FENCE

DRAINAGE FLOW

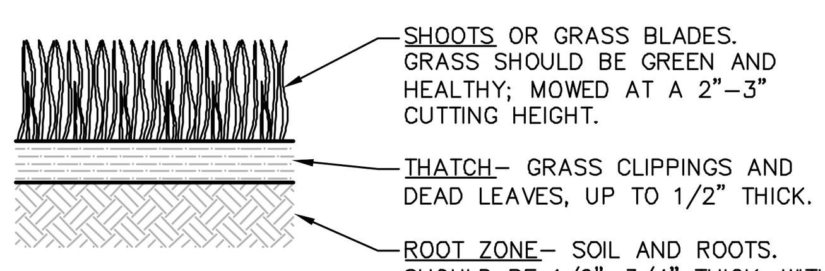
TYPICAL HOUSE LOT LAYOUTS

NOT-TO-SCALE



LAY SOD IN A STAGGERED PATTERN. BUTT THE STRIPS TIGHTLY AGAINST EACH OTHER. DO NOT LEAVE SPACES AND DO NOT OVERLAP. A SHARPENED MASON'S TROWEL IS A HANDY TOOL FOR TUCKING DOWN THE ENDS AND TRIMMING PIECES.

BUTTING — ANGLED ENDS CAUSED BY THE AUTOMATIC SOD CUTTER MUST BE MATCHED CORRECTLY.



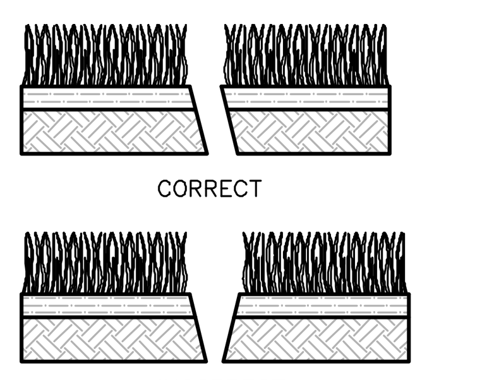
APPEARANCE OF GOOD SOD

NOTES:

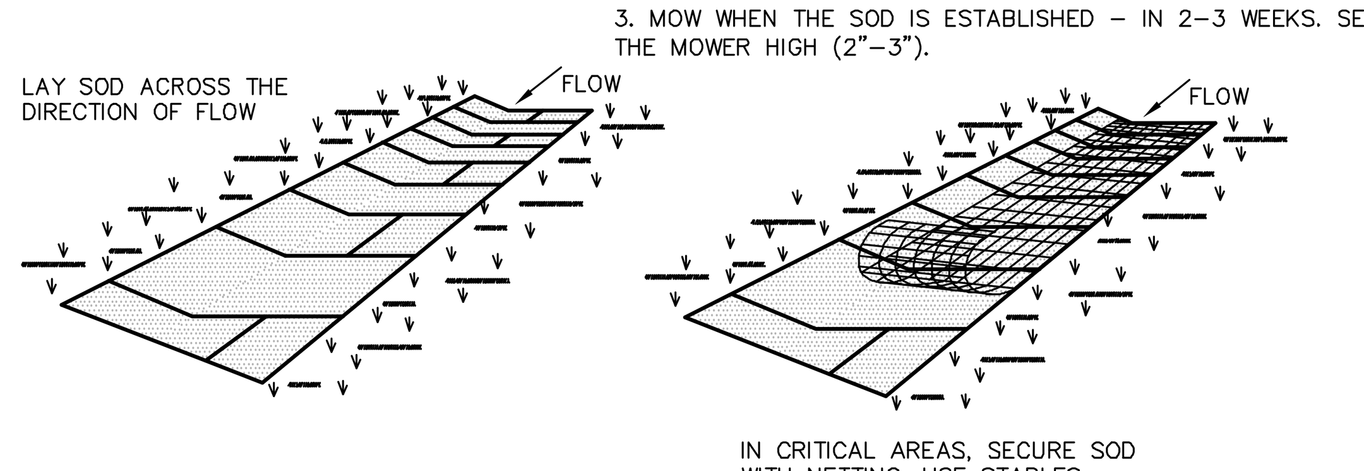
1. ROLL SOD IMMEDIATELY TO ACHIEVE FIRM CONTACT WITH THE SOIL.

2. WATER TO A DEPTH OF 4" AS NEEDED. WATER WELL AS SOON AS THE SOD IS LAID.

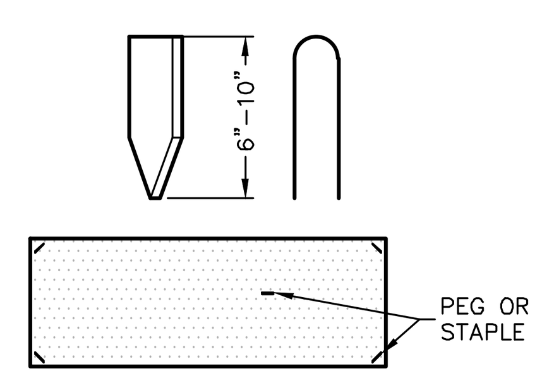
3. MOW WHEN THE SOD IS ESTABLISHED — IN 2-3 WEEKS. SET THE MOWER HIGH (2"-3").



SOD INSTALLATION



IN CRITICAL AREAS, SECURE SOD WITH NETTING. USE STAPLES.



USE PEGS OR STAPLES TO FASTEN SOD FIRMLY — AT THE ENDS OF STRIPS AND IN THE CENTER, OR EVERY 3-4 FEET IF THE STRIPS ARE LONG. WHEN READY TO MOW, DRIVE PEGS OR STAPLES FLUSH WITH THE GROUND.

MATERIALS

1. SOD SHOULD BE MACHINE CUT AT A UNIFORM SOIL THICKNESS OF 3/4" INCH (± 1/4" INCH) AT THE TIME OF CUTTING. THIS THICKNESS SHOULD EXCLUDE SHOOT GROWTH AND THATCH.

2. PIECES OF SOD SHOULD BE CUT TO THE SUPPLIER'S STANDARD WIDTH AND LENGTH, WITH A MAXIMUM ALLOWABLE DEVIATION IN ANY DIMENSION OF 5%. TORN OR UNEVEN PADS SHOULD NOT BE ACCEPTABLE.

3. STANDARD SIZE SECTIONS OF SOD SHOULD BE STRONG ENOUGH TO SUPPORT THEIR OWN WEIGHT AND RETAIN THEIR SIZE AND SHAPE WHEN SUSPENDED FROM A FIRM GRASP ON ONE END OF THE SECTION.

4. SOD SHOULD BE HARVESTED, DELIVERED, AND INSTALLED WITHIN A PERIOD OF 36 HOURS.

SITE PREPARATION

1. PRIOR TO SOIL PREPARATION, AREAS TO BE SODDED SHOULD BE BROUGHT TO FINAL GRADE IN ACCORDANCE WITH THE APPROVED PLAN.

2. THE SURFACE SHOULD BE CLEARED OF ALL TRASH, DEBRIS AND OF ALL ROOTS, BRUSH, WIRE, GRADE STAKES AND OTHER OBJECTS THAT WOULD INTERFERE WITH PLANTING, FERTILIZING OR MAINTENANCE OPERATIONS.

3. FERTILIZE ACCORDING TO SOIL TESTS. FERTILIZER NEEDS CAN BE DETERMINED BY A SOIL TESTING LABORATORY OR REGIONAL RECOMMENDATIONS CAN BE MADE BY COUNTY AGRICULTURAL EXTENSION AGENTS. FERTILIZER SHOULD BE WORKED INTO THE SOIL TO A DEPTH OF 3 INCHES WITH A DISC, SPRINGTOOTH HARROW OR OTHER SUITABLE EQUIPMENT. ON SLOPING LAND, THE FINAL HARROWING OR DISCING OPERATION SHOULD BE ON THE CONTOUR.

INSTALLATION IN CHANNELS

1. SOD STRIPS IN WATERWAYS SHOULD BE LAID PERPENDICULAR TO THE DIRECTION OF FLOW. CARE SHOULD BE TAKEN TO BUTT ENDS OF STRIPS TIGHTLY (SEE FIGURE ABOVE).

2. AFTER ROLLING OR TAMPING, SOD SHOULD BE PEGGED OR STAPLED TO RESIST WASHOUT DURING THE ESTABLISHMENT PERIOD. MESH OR OTHER NETTING MAY BE PEGGED OVER THE SOD FOR EXTRA PROTECTION IN CRITICAL AREAS.

GENERAL INSTALLATION (VA. DEPT. OF CONSERVATION, 1992)

1. SOD SHOULD NOT BE CUT OR LAID IN EXCESSIVELY WET OR DRY WEATHER. SOD ALSO SHOULD NOT BE LAID ON SOIL SURFACES THAT ARE FROZEN.

2. DURING PERIODS OF HIGH TEMPERATURE, THE SOIL SHOULD BE LIGHTLY IRRIGATED IMMEDIATELY PRIOR TO LAYING THE SOD, TO COOL THE SOIL AND REDUCE ROOT BURNING AND DIEBACK.

3. THE FIRST ROW OF SOD SHOULD BE LAID IN A STRAIGHT LINE WITH SUBSEQUENT ROWS PLACED PARALLEL TO AND BUTTING TIGHTLY AGAINST EACH OTHER. LATERAL JOINTS SHOULD BE STAGGERED TO PROMOTE MORE UNIFORM GROWTH AND STRENGTH. CARE SHOULD BE EXERCISED TO ENSURE THAT SOD IS NOT STRETCHED OR OVERLAPPED AND THAT ALL JOINTS ARE BUTTED TIGHT IN ORDER TO PREVENT VOIDS WHICH WOULD CAUSE DRYING OF THE ROOTS (SEE FIGURE ABOVE).

4. ON SLOPES 3:1 OR GREATER, OR WHEREVER EROSION MAY BE A PROBLEM, SOD SHOULD BE LAID WITH STAGGERED JOINTS AND SECURED BY STAPLING OR OTHER APPROVED METHODS. SOD SHOULD BE INSTALLED WITH THE LENGTH PERPENDICULAR TO THE SLOPE (ON CONTOUR).

5. AS SODDING OF CLEARLY DEFINED AREAS IS COMPLETED, SOD SHOULD BE ROLLED OR TAMPED TO PROVIDE FIRM CONTACT BETWEEN ROOTS AND SOIL.

6. AFTER ROLLING, SOD SHOULD BE IRRIGATED TO A DEPTH SUFFICIENT THAT THE UNDERSIDE OF THE SOD PAD AND THE SOIL 4 INCHES BELOW THE SOD IS THOROUGHLY WET.

7. UNTIL SUCH TIME A GOOD ROOT SYSTEM BECOMES DEVELOPED, IN THE ABSENCE OF ADEQUATE RAINFALL, WATERING SHOULD BE PERFORMED AS OFTEN AS NECESSARY TO MAINTAIN MOIST SOIL TO A DEPTH OF AT LEAST 4 INCHES.

8. THE FIRST MOWING SHOULD NOT BE ATTEMPTED UNTIL THE SOD IS FIRMLY ROOTED, USUALLY 2-3 WEEKS. NOT MORE THAN ONE THIRD OF THE GRASS LEAF SHOULD BE REMOVED AT ANY ONE CUTTING.

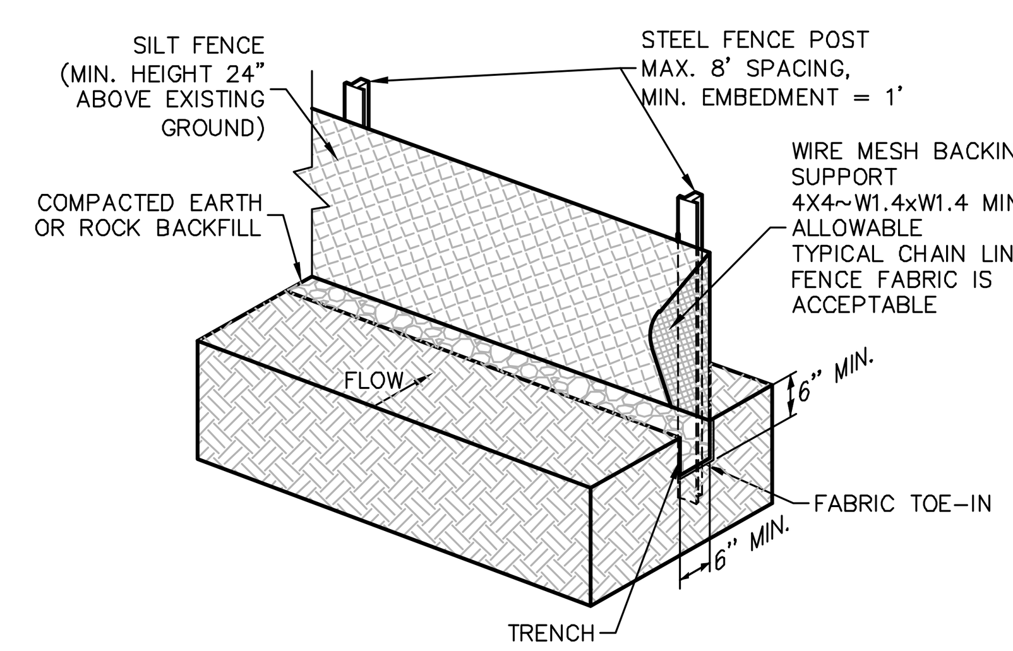
INSPECTION AND MAINTENANCE GUIDELINES

1. SOD SHOULD BE INSPECTED WEEKLY AND AFTER EACH RAIN EVENT TO LOCATE AND REPAIR ANY DAMAGE.

2. DAMAGE FROM STORMS OR NORMAL CONSTRUCTION ACTIVITIES SUCH AS TIRE RUTS OR DISTURBANCE OF SWALE STABILIZATION SHOULD BE REPAIRED AS SOON AS PRACTICAL.

SOD INSTALLATION DETAIL

NOT-TO-SCALE



ISOMETRIC PLAN VIEW

SILT FENCE

A SILT FENCE IS A BARRIER CONSISTING OF GEOTEXTILE FABRIC SUPPORTED BY METAL POSTS TO PREVENT SOIL AND SEDIMENT LOSS FROM A SITE. WHEN PROPERLY USED, SILT FENCES CAN BE HIGHLY EFFECTIVE AT CONTROLLING SEDIMENT FROM DISTURBED AREAS. THEY CAUSE RUNOFF TO POND, ALLOWING HEAVIER SOLIDS TO SETTLE OUT. IF NOT PROPERLY INSTALLED, SILT FENCES ARE NOT LIKELY TO BE EFFECTIVE.

THE PURPOSE OF A SILT FENCE IS TO INTERCEPT AND DETAIN WATER-BORNE SEDIMENT FROM UNPROTECTED AREAS OF A LIMITED EXTENT. SILT FENCE IS USED DURING THE PERIOD OF CONSTRUCTION NEAR THE PERIMETER OF A DISTURBED AREA TO INTERCEPT SEDIMENT WHILE ALLOWING WATER TO PERCOLATE THROUGH. THIS FENCE SHOULD REMAIN IN PLACE UNTIL THE DISTURBED AREA IS PERMANENTLY STABILIZED. SILT FENCE SHOULD NOT BE USED WHERE THERE IS A CONCENTRATION OF WATER IN A CHANNEL OR DRAINAGE WAY. IF CONCENTRATED FLOW OCCURS AFTER INSTALLATION, CORRECTIVE ACTION MUST BE TAKEN SUCH AS PLACING A ROCK BERM IN THE AREAS OF CONCENTRATED FLOW.

SILT FENCING WITHIN THE SITE MAY BE TEMPORARILY MOVED DURING THE DAY TO ALLOW CONSTRUCTION ACTIVITY PROVIDED IT IS REPLACED AND PROPERLY ANCHORED TO THE GROUND AT THE END OF THE DAY. SILT FENCES ON THE PERIMETER OF THE SITE OR AROUND DRAINAGE WAYS SHOULD NOT BE MOVED AT ANY TIME.

MATERIALS

1. SILT FENCE MATERIAL SHOULD BE POLYPROPYLENE, POLYETHYLENE, OR POLYAMIDE WOVEN OR NONWOVEN FABRIC. THE FABRIC SHOULD BE 36 INCHES, WITH A MINIMUM UNIT WEIGHT OF 4.5 OZ/YD, MULLEN BURST STRENGTH EXCEEDING 190 LB/IN2, ULTRAVIOLET STABILITY EXCEEDING 70%, AND MINIMUM APPARENT OPENING SIZE OF U.S. SIEVE NUMBER 30.

2. FENCE POSTS SHOULD BE MADE OF HOT ROLLED STEEL, AT LEAST 4 FEET LONG WITH TEE OR Y-BAR CROSS SECTION, SURFACE PAINTED OR GALVANIZED, MINIMUM WEIGHT 1.25 LB/FT, AND BRINDELL HARDNESS EXCEEDING 140.

3. WOVEN WIRE BACKING TO SUPPORT THE FABRIC SHOULD BE GALVANIZED 2" X 4" WELDED WIRE, 12 GAUGE MINIMUM.

INSTALLATION

1. STEEL POSTS, WHICH SUPPORT THE SILT FENCE, SHOULD BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POSTS MUST BE EMBEDDED A MINIMUM OF 1-FOOT DEEP AND SPACED NOT MORE THAN 8 FEET ON CENTER. WHERE WATER CONCENTRATES, THE MAXIMUM SPACING SHOULD BE 6 FEET.

2. LAY OUT FENCING DOWN-SLOPE OF DISTURBED AREA, FOLLOWING THE CONTOUR AS CLOSELY AS POSSIBLE. THE FENCE SHOULD BE SITED SO THAT THE MAXIMUM DRAINAGE AREA IS ¼ ACRE/100 FEET OF FENCE.

3. THE TOE OF THE SILT FENCE SHOULD BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT THE DOWN-SLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW. WHERE FENCE CANNOT BE TRENCHED IN (E.G., PAVEMENT OR ROCK OUTCROP), WEIGHT FABRIC FLAP WITH 3 INCHES OF PEA GRAVEL ON UPHILL SIDE TO PREVENT FLOW FROM SEEPING UNDER FENCE.

4. THE TRENCH MUST BE A MINIMUM OF 6 INCHES DEEP AND 6 INCHES WIDE TO ALLOW FOR THE SILT FENCE FABRIC TO BE LAID IN THE GROUND AND BACKFILLED WITH COMPACTED MATERIAL.

5. SILT FENCE SHOULD BE SECURELY FASTENED TO EACH STEEL SUPPORT POST OR TO WOVEN WIRE, WHICH IS IN TURN ATTACHED TO THE STEEL FENCE POST. THERE SHOULD BE A 3-FOOT OVERLAP, SECURELY FASTENED WHERE ENDS OF FABRIC MEET.

6. SILT FENCE SHOULD BE REMOVED WHEN THE SITE IS COMPLETELY STABILIZED SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

COMMON TROUBLE POINTS

1. FENCE NOT INSTALLED ALONG THE CONTOUR CAUSING WATER TO CONCENTRATE AND FLOW OVER THE FENCE.

2. FABRIC NOT SEATED SECURELY TO GROUND (RUNOFF PASSING UNDER FENCE).

3. FENCE NOT INSTALLED PERPENDICULAR TO FLOW LINE (RUNOFF ESCAPING AROUND SIDES).

4. FENCE TREATING TOO LARGE AN AREA, OR EXCESSIVE CHANNEL FLOW (RUNOFF OVERTOPS OR COLLAPSES FENCE).

INSPECTION AND MAINTENANCE GUIDELINES

1. INSPECT ALL FENCING WEEKLY, AND AFTER RAINFALL.

2. REMOVE SEDIMENT WHEN BUILDUP REACHES 6 INCHES.

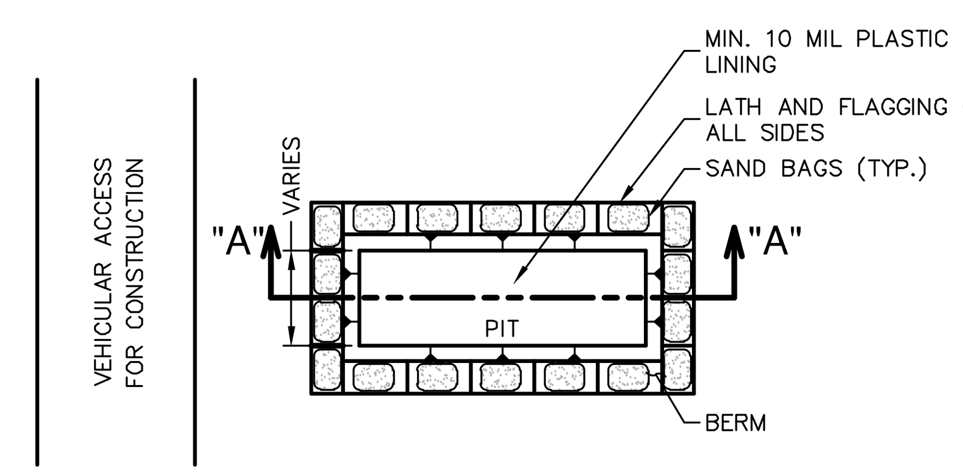
3. REPLACE TORN FABRIC OR INSTALL A SECOND LINE OF FENCING PARALLEL TO THE TORN SECTION.

4. REPLACE OR REPAIR SECTIONS CRUSHED OR COLLAPSED IN THE COURSE OF CONSTRUCTION ACTIVITY. IF A SECTION OF FENCE IS OBSTRUCTING VEHICULAR ACCESS, CONSIDER RELOCATING IT TO A SPOT WHERE IT WILL PROVIDE EQUAL PROTECTION, BUT WILL NOT OBSTRUCT VEHICLES. A TRIANGULAR FILTER DIKE MAY BE PREFERABLE TO A SILT FENCE AT COMMON VEHICLE ACCESS POINTS.

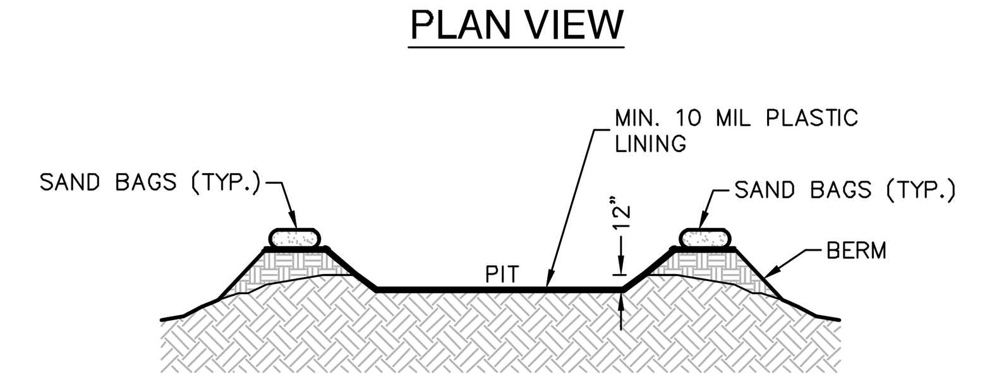
5. WHEN CONSTRUCTION IS COMPLETE, THE SEDIMENT SHOULD BE DISPOSED OF IN A MANNER THAT WILL NOT CAUSE ADDITIONAL SILTATION AND THE PRIOR LOCATION OF THE SILT FENCE SHOULD BE REVEGETATED. THE FENCE ITSELF SHOULD BE DISPOSED OF IN AN APPROVED LANDFILL.

SILT FENCE DETAIL

NOT-TO-SCALE



PLAN VIEW



SECTION "A-A"

GENERAL NOTES

1. DETAIL ABOVE ILLUSTRATES MINIMUM DIMENSIONS. PIT CAN BE INCREASED IN SIZE DEPENDING ON EXPECTED FREQUENCY OF USE.

2. WASHOUT PIT SHALL BE LOCATED IN AN AREA EASILY ACCESSIBLE TO CONSTRUCTION TRAFFIC.

3. WASHOUT PIT SHALL NOT BE LOCATED IN AREAS SUBJECT TO INUNDATION FROM STORM WATER RUNOFF.

4. LOCATE WASHOUT AREA AT LEAST 50 FEET FROM SENSITIVE FEATURES, STORM DRAINS, OPEN DITCHES OR WATER BODIES.

5. TEMPORARY CONCRETE WASHOUT FACILITY SHOULD BE CONSTRUCTED WITH SUFFICIENT QUANTITY AND VOLUME TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS.

MATERIALS

PLASTIC LINING MATERIAL SHOULD BE A MINIMUM OF 10 MIL IN POLYETHYLENE SHEETING AND SHOULD BE FREE OF HOLES, TEARS, OR OTHER DEFECTS THAT COMPROMISE THE IMPERMEABILITY OF THE MATERIAL.

MAINTENANCE

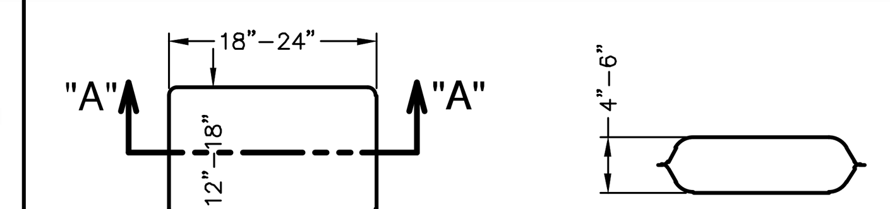
1. WHEN TEMPORARY CONCRETE WASHOUT FACILITIES ARE NO LONGER REQUIRED FOR THE WORK, THE HARDENED CONCRETE SHOULD BE REMOVED AND DISPOSED OF.

2. MATERIALS USED TO CONSTRUCT TEMPORARY CONCRETE WASHOUT FACILITIES SHOULD BE REMOVED FROM THE SITE OF THE WORK AND DISPOSED OF.

3. HOLES, DEPRESSIONS OR OTHER GROUND DISTURBANCES CAUSED BY THE REMOVAL OF THE TEMPORARY CONCRETE WASHOUT FACILITIES SHOULD BE BACKFILLED AND REPAIRED.

CONCRETE TRUCK WASHOUT PIT DETAIL

NOT-TO-SCALE



PLAN VIEW

SECTION "A-A"

NOTES:

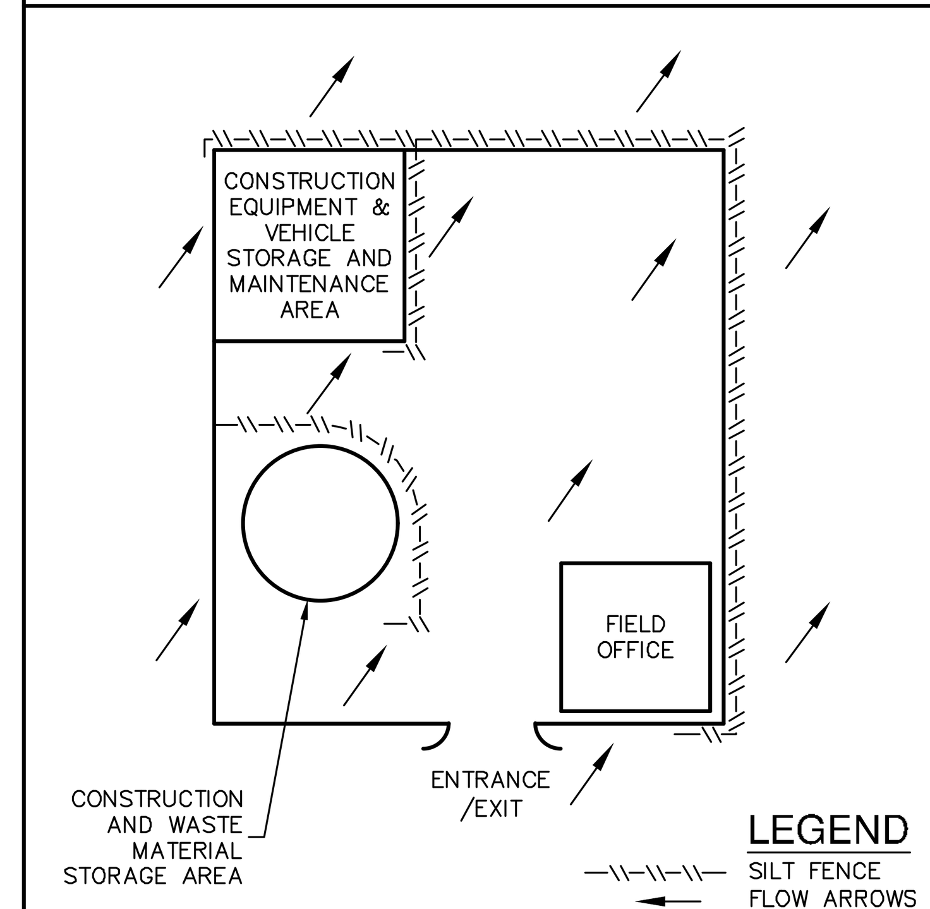
1. THE FILTER BAG MATERIAL SHALL BE MADE OF POLYPROPYLENE, POLYETHYLENE OR POLYAMIDE WOVEN FABRIC, MIN. UNIT WEIGHT OF 4 OUNCES/SY, HAVE A MULLEN BURST STRENGTH EXCEEDING 300 PSI AND ULTRAVIOLET STABILITY EXCEEDING 70%.

2. THE FILTER BAG SHALL BE FILLED WITH CLEAN, MEDIUM WASHED PEA GRAVEL TO COARSE GRAVEL (0.31 TO 0.75 INCH DIAMETER).

3. SAND SHALL NOT BE USED TO FILL THE FILTER BAGS.

GRAVEL FILTER BAG DETAIL

NOT-TO-SCALE



LEGEND

SILT FENCE

FLOW ARROWS

CONSTRUCTION STAGING AREA

NOT-TO-SCALE

NO.	REVISION	DATE

PAPE-DAWSON ENGINEERS

SAN ANTONIO | AUSTIN | HOUSTON | FORT WORTH | DALLAS
2000 NW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
TBPE FIRM REGISTRATION #470 | TBPLS FIRM REGISTRATION #10028800

6 CREEKS-PHASE 1, SECTION 18A1 & 19

HAYS COUNTY, TEXAS

CONTRIBUTING ZONE PLAN MODIFICATION
TEMPORARY POLLUTION ABATEMENT PLAN DETAILS

PLAT NO.
JOB NO. 8141-64
DATE JULY 2024
DESIGNER JP
CHECKED ___ DRAWN JP
SHEET 1 OF 1

THE ENGINEERING SEAL HAS BEEN AFFIXED TO THIS SHEET ONLY FOR THE PURPOSE OF DEMONSTRATING COMPLIANCE WITH THE POLLUTION ABATEMENT SIZING AND TREATMENT REQUIREMENTS OF THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY'S EDWARDS AQUIFER TECHNICAL GUIDANCE MANUAL.

THIS SHEET HAS BEEN PREPARED FOR PURPOSES OF POLLUTION ABATEMENT ONLY. ALL OTHER CIVIL ENGINEERING RELATED INFORMATION SHOULD BE ACQUIRED FROM THE APPROPRIATE SHEET IN THE CIVIL IMPROVEMENT PLANS.

CZP EXHIBIT 2

6 CREEKS-PHASE 1, SECTION 18A1 & 19									
WATERSHED	SUB-WATERSHED*	SUB-WATERSHED AREA (AC)	WATERSHED TOTAL (AC)	PROPOSED IMPERVIOUS COVER TREATED BY VFS (AC)	PROPOSED IMPERVIOUS COVER TREATED BY BASIN (AC)	TOTAL PROPOSED IMPERVIOUS COVER (AC)	BMP	REQUIRED TSS REMOVAL (LBS./YR)	DESIGNED TSS REMOVAL (LBS./YR)
BA-S			29.50		14.6	14.6	PROPOSED BATCH DETENTION BASIN S	13,105	13,947
A			1.52	0.91		0.91	PROPOSED 15' ENGINEERED VFS #1	817	892
	B	2.17		1.30		1.30	PROPOSED 15' ENGINEERED VFS #2	1,167	1,275
C			2.55	1.53		1.53	PROPOSED 15' ENGINEERED VFS #3	1,373	1,500
D			0.74	0.45		0.45	PROPOSED 15' ENGINEERED VFS #4	404	441
E			3.48	2.09		2.09	PROPOSED 15' ENGINEERED VFS #5	1,876	2,049
OT-1			0.24			0.14	OVERTREATMENT 1	126	
OT-2			0.75			0.75	OVERTREATMENT 2	673	
OT-3			0.75			0.60	OVERTREATMENT 3	539	
TOTAL		2.17	39.53	6.28	14.60	22.37		20,080	20,104

WATER QUALITY BASIN SUMMARY		
BASIN	REQUIRED VOLUME (CF)	DESIGNED CAPTURED VOLUME (CF)
S	78,323	79,635

50' STREET SECTION

NOT-TO-SCALE

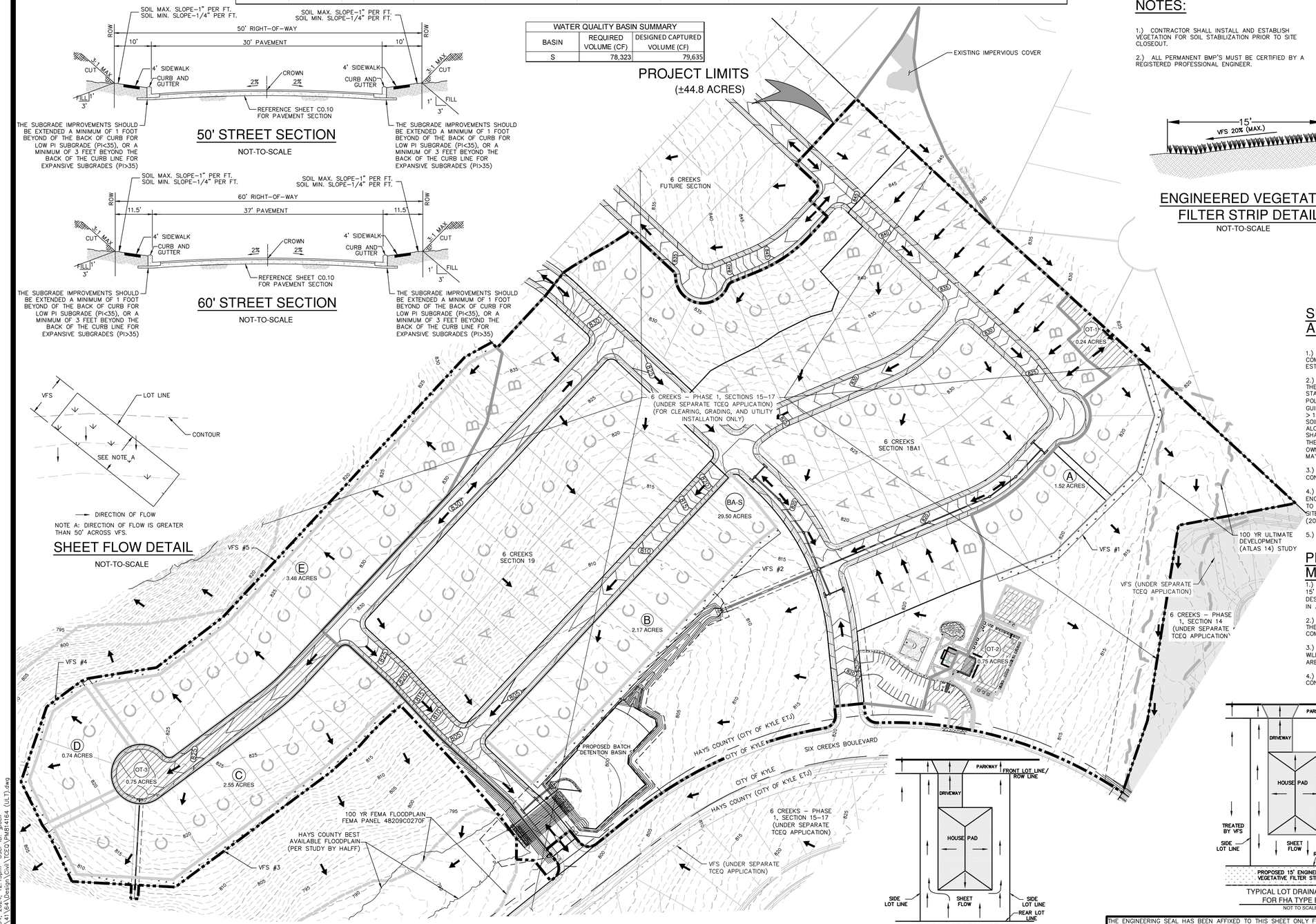
60' STREET SECTION

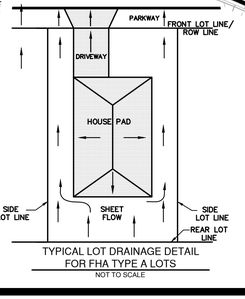
NOT-TO-SCALE

NOTE A: DIRECTION OF FLOW IS GREATER THAN 50' ACROSS VFS.

SHEET FLOW DETAIL

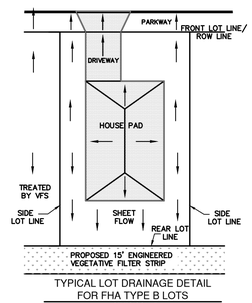
NOT-TO-SCALE





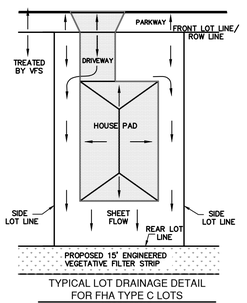
TYPICAL LOT DRAINAGE DETAIL FOR FHA TYPE A LOTS

NOT TO SCALE



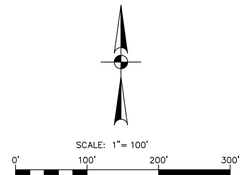
TYPICAL LOT DRAINAGE DETAIL FOR FHA TYPE B LOTS

NOT TO SCALE



TYPICAL LOT DRAINAGE DETAIL FOR FHA TYPE C LOTS

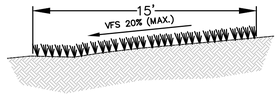
NOT TO SCALE



NOTES:

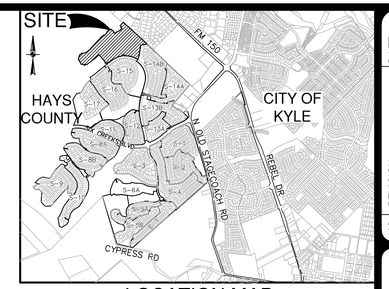
1.) CONTRACTOR SHALL INSTALL AND ESTABLISH VEGETATION FOR SOIL STABILIZATION PRIOR TO SITE CLOSEOUT.

2.) ALL PERMANENT BMP'S MUST BE CERTIFIED BY A REGISTERED PROFESSIONAL ENGINEER.



ENGINEERED VEGETATIVE FILTER STRIP DETAIL

NOT-TO-SCALE



LOCATION MAP

NOT-TO-SCALE

LEGEND:

- BASIN WATERSHED BOUNDARY
- VFS WATERSHED BOUNDARY
- PROJECT LIMITS
- 980 EXISTING CONTOURS
- 980 PROPOSED CONTOURS
- FLOW ARROW (PROPOSED)
- VEGETATIVE FILTER STRIPS
- AREAS COVERED BY SEPARATE CZP
- OVERTREATED IMPERVIOUS COVER
- A, B, C FHA LOT GRADING TYPE
- (A) 3.07 ACRES WATERSHED LABEL

SUMMARY OF PERMANENT POLLUTION ABATEMENT MEASURES:

1.) TEMPORARY BMP'S WILL BE MAINTAINED UNTIL THE SITE IMPROVEMENTS ARE COMPLETED AND THE SITE HAS BEEN STABILIZED, INCLUDING SUFFICIENT VEGETATION BEING ESTABLISHED.

2.) DURING CONSTRUCTION, TO THE EXTENT PRACTICAL, CONTRACTOR SHALL MINIMIZE THE AREA OF SOIL DISTURBANCE. AREAS OF DISTURBED SOIL SHALL BE REVEGETATED TO STABILIZE SOIL USING SOLID SOD IN A STAGGERED PATTERN. SEE DETAIL ON TEMPORARY POLLUTION ABATEMENT DETAIL SHEET AND REFER TO SECTION 1.3.11 IN TCEQ'S TECHNICAL GUIDANCE MANUAL RG-348 (2005). SOD SHOULD BE USED IN CHANNELS AND ON SLOPES > 15%. THE CONTRACTOR MAY SUBSTITUTE THE USE OF SOD WITH THE PLACEMENT OF TOP SOIL AND A FRIABLE SEED BED WITH A PROTECTIVE MATTING OR HYDRAULIC MULCH ALONG WITH WATERING UNTIL VEGETATION IS ESTABLISHED. APPLICATIONS AND PRODUCTS SHALL BE THOSE APPROVED BY TXDOT AS OF FEBRUARY 2001 AND IN COMPLIANCE WITH THE TGM RG-348 (2005). SEED MIXTURE AND/OR GRASS TYPE TO BE DETERMINED BY OWNER AND SHOULD BE IN COMPLIANCE WITH TGM RG-348 (2005) GUIDELINES. IRRIGATION MAY BE REQUIRED IN ORDER TO ESTABLISH SUFFICIENT VEGETATION.

3.) FOR DISTURBED AREAS WHERE INSUFFICIENT SOIL EXISTS TO ESTABLISH VEGETATION, CONTRACTOR SHALL PLACE A MINIMUM OF 6" OF TOPSOIL PRIOR TO REVEGETATION.

4.) PERMANENT BMP'S FOR THIS SITE INCLUDE A BATCH DETENTION BASIN AND FIVE (5) ENGINEERED VEGETATIVE FILTER STRIPS. THESE PERMANENT BMP'S HAVE BEEN DESIGNED TO REMOVE AT LEAST 80% OF THE INCREASED TOTAL SUSPENDED SOLIDS (TSS) FOR THE SITE IN ACCORDANCE WITH THE TCEQ'S TECHNICAL GUIDANCE MANUAL (TGM) RG-348 (2005).

5.) TYPICAL SLOPES ON THIS PROJECT RANGE FROM APPROXIMATELY 0.55% TO 33%.

PERMANENT POLLUTION ABATEMENT MEASURES:

1.) PERMANENT BMP'S FOR THIS SITE INCLUDE ONE BATCH DETENTION BASIN AND FIVE 15' ENGINEERED VEGETATIVE FILTER STRIPS. THESE PERMANENT BMP'S HAVE BEEN DESIGNED TO REMOVE AT LEAST 80% OF THE INCREASED TOTAL SUSPENDED SOLIDS (TSS) IN ACCORDANCE WITH THE TCEQ'S TECHNICAL GUIDANCE MANUAL (TGM) RG-348 (2005).

2.) SILT FENCING AND ROCK BERMS, WHERE APPROPRIATE, WILL BE MAINTAINED UNTIL THE ROADWAY, UTILITY, DRAINAGE IMPROVEMENTS, AND BUILDING CONSTRUCTION ARE COMPLETED.

3.) A BATCH DETENTION BASIN AND FIVE (5) ENGINEERED VEGETATIVE FILTER STRIPS WILL SERVE AS THE PERMANENT BEST MANAGEMENT PRACTICE (BMP) FOR DRAINAGE AREAS "A", "B", "C", "D", "E", & "BA-S".

4.) ENERGY DISSIPATORS (TO HELP REDUCE EROSION) WILL BE PROVIDED AT POINTS OF CONCENTRATED DISCHARGE WHERE EXCESSIVE VELOCITIES MAY BE ENCOUNTERED.

THE ENGINEERING SEAL HAS BEEN AFFIXED TO THIS SHEET ONLY FOR THE PURPOSE OF DEMONSTRATING COMPLIANCE WITH THE POLLUTION ABATEMENT SIZING AND TREATMENT REQUIREMENTS OF THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY'S EDWARDS AQUIFER TECHNICAL GUIDANCE MANUAL.

THIS SHEET HAS BEEN PREPARED FOR PURPOSES OF POLLUTION ABATEMENT ONLY. ALL OTHER CIVIL ENGINEERING RELATED INFORMATION SHOULD BE ACQUIRED FROM THE APPROPRIATE SHEET IN THE CIVIL IMPROVEMENT PLANS.

CZP EXHIBIT 3

NO.	REVISION	DATE

10/4/2024

STATE OF TEXAS
REBECCA ANN CARROLL
92666
LICENSED
PROFESSIONAL ENGINEER

PAPE-DAWSON ENGINEERS
SAN ANTONIO | AUSTIN | HOUSTON | FORT WORTH | DALLAS
2000 NW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
TBPE FIRM REGISTRATION #470 | TBPLS FIRM REGISTRATION #10028800

6 CREEKS - PHASE 1, SECTIONS 18A1 & 19

HAYS COUNTY, TEXAS

CONTRIBUTING ZONE PLAN MODIFICATION
PERMANENT WATER POLLUTION ABATEMENT PLAN

PLAT NO. _____
JOB NO. 8141-64
DATE OCTOBER 2024
DESIGNER JP
CHECKED _____ DRAWN IA
SHEET 1 OF 1

Date: Oct 04, 2024, 12:13pm User ID: jpowell
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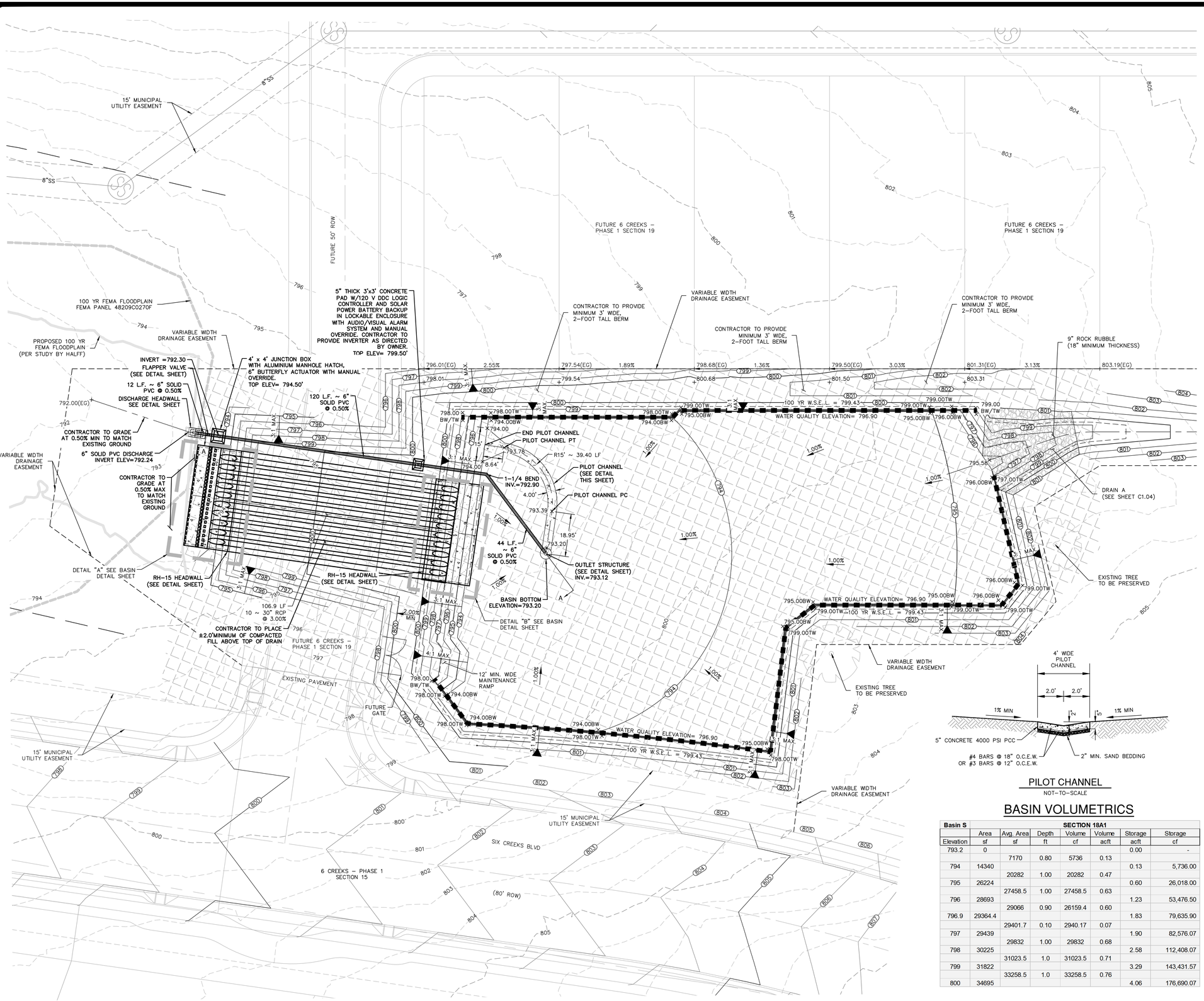

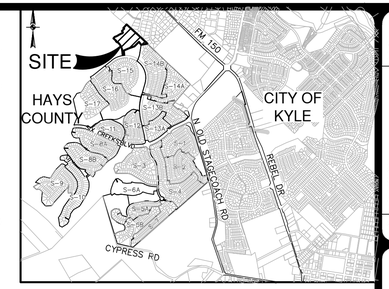

SCALE: 1"= 20'

0' 20' 40' 60'

LEGEND:

	SECTION BOUNDARY
980	EXISTING CONTOUR
790	PROPOSED CONTOUR
	15' MINIMUM VEGETATIVE FILTER STRIP
	MINIMUM DISTURBED AREA TO BE REVEGETATED
	100 YR FLOODPLAIN PER STUDY
	100 YR FEMA FLOODPLAIN
+770.00	SPOT ELEVATION
	PROPOSED FENCE (SPECIFICATIONS BY OWNER)
+ 799.00 TW	TOP OF WALL ELEVATION
+ 795.00 BW	BOTTOM OF WALL ELEVATION
	WALL (SEE PLANS BY STRUCTURAL ENGINEER)

BASIN DESIGN DATA

WATERSHED AREA	= 29.51 ACRES
RUN OFF DEPTH	= 1.70 IN
REQUIRED CAPTURE VOLUME	= 78,323 CF
BASIN DEPTH	= 3.70 FT
DESIGN BASIN VOLUME	= 79,635 CF
OVERFLOW WEIR HEIGHT	= N/A FT
Q25	= 185.64 CFS

NOTE: ACTUAL BASIN STORAGE VOLUME EXCEEDS REQUIRED CAPTURE VOLUME.

NOTES

1. UPON COMPLETION OF CONSTRUCTION, AND IN ACCORDANCE WITH TCEQ REGULATIONS, ALL PERMANENT BMP'S MUST BE CERTIFIED BY A REGISTERED PROFESSIONAL ENGINEER.
2. ALL AREAS DISTURBED AS PART OF CONSTRUCTION OF BASIN SHALL BE REVEGETATED PRIOR TO COMPLETION.
3. BASIN HAS BEEN DESIGNED USING TSS REMOVAL AND BMP SIZING CALCULATIONS AS PER THE TCEQ TGM RG-348 (2005).
4. BASIN PLAN DEPICTS MINIMUM INTERIOR DIMENSIONS (LENGTH, WIDTH & HEIGHT FOR TCEQ REVIEW & APPROVAL).
5. BASIN DRAWDOWN IS CONTROLLED BY THE 6" PVC PIPE. BASIN DRAWDOWN WILL OCCUR IN APPROXIMATELY 41 HOURS.
6. CONTRACTOR TO SET THE VALVE POSITION TO FULLY OPEN.
7. POND WILL BE PRIVATE AND MAINTAINED BY THE HOA.

SEQUENCE OF OPERATION

UPON ACTIVATION OF FLOAT SWITCH, DDC CONTROLLER TO START DETENTION TIMER #1.

1. DETENTION TIMER #1 TO BE MANUALLY SET TO 12 HOURS AND TO BE USER ADJUSTABLE VALUE.
2. WHEN DETENTION TIMER #1 HAS ELAPSED, A 6" BUTTERFLY VALVE IS TO OPEN AND RELEASE DETAINED WATER BASIN.
3. UPON DEACTIVATION OF FLOAT SWITCH, DDC CONTROLLER TO START DETENTION TIMER #2.
4. DETENTION TIMER #2 TO BE MANUALLY SET TO 41 HOURS AND TO BE USER ADJUSTABLE.
5. WHEN DETENTION TIMER #2 HAS ELAPSED, THE 6" BUTTERFLY VALVE IS TO CLOSE.
6. VALVE TO BE ACTUATED PERIODICALLY TO SHOW ACTIVE REGARDLESS OF FLOAT SWITCH OPERATION.

PILOT CHANNEL

NOT-TO-SCALE

BASIN VOLUMETRICS

Basin S	SECTION 18A1						
	Area	Avg. Area	Depth	Volume	Volume	Storage	Storage
Elevation	sf	sf	ft	cf	acft	acft	cf
793.2	0					0.00	-
		7170	0.80	5736	0.13		
794	14340					0.13	5,736.00
		20282	1.00	20282	0.47		
795	26224					0.60	26,018.00
		27458.5	1.00	27458.5	0.63		
796	28693					1.23	53,476.50
		29066	0.90	26159.4	0.60		
796.9	29364.4					1.83	79,635.90
		29401.7	0.10	2940.17	0.07		
797	29439					1.90	82,576.07
		29832	1.00	29832	0.68		
798	30225					2.58	112,408.07
		31023.5	1.0	31023.5	0.71		
799	31822					3.29	143,431.57
		33258.5	1.0	33258.5	0.76		
800	34695					4.06	176,690.07

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CZP EXHIBIT 4

NO.	REVISION	DATE

9/24/2024

STATE OF TEXAS
REBECCA ANN CARROLL
92666
LICENSED
PROFESSIONAL ENGINEER

PAPE-DAWSON ENGINEERS
2000 NW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #10028800

6 CREEKS-PHASE 1, SECTION 18A1

HAYS COUNTY, TEXAS

BASIN S

PLAT NO. _____
JOB NO. 8141-64
DATE SEPTEMBER 2024
DESIGNER JP
CHECKED _____ DRAWN JP/JA
SHEET C8.00

Date: Sep 24, 2024, 9:31am User ID: jpoell
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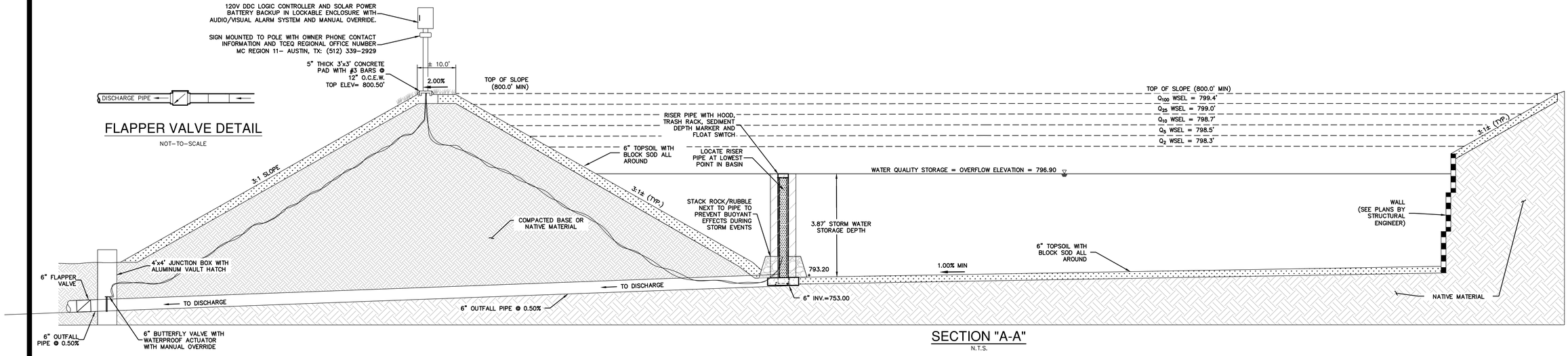
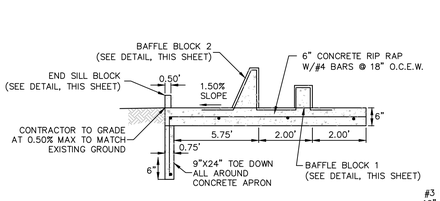
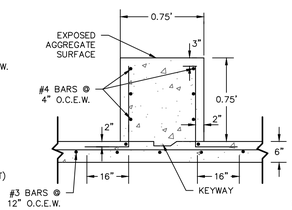
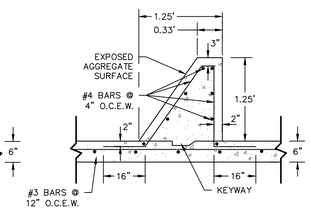
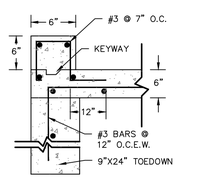
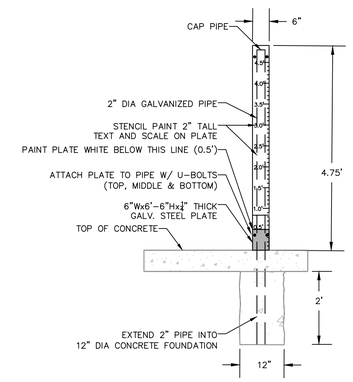


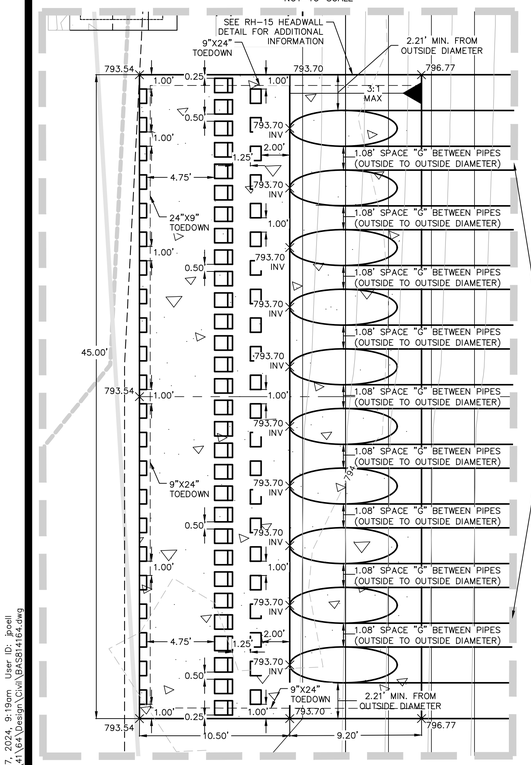


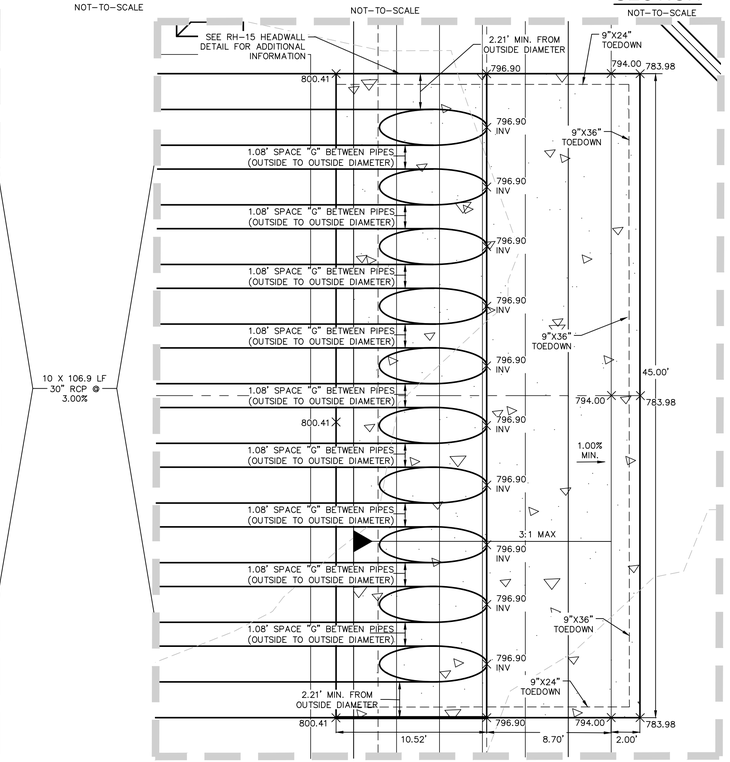


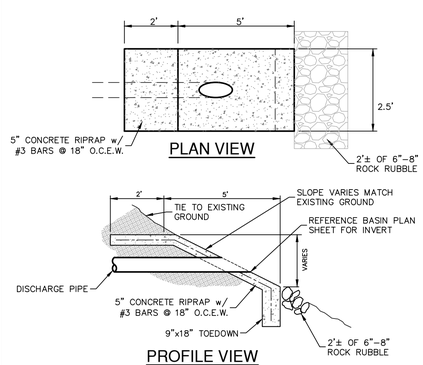












NOTES TO CONTRACTOR

FOR EACH PHASE OF BATCH DETENTION BASIN CONSTRUCTION

1. CONTRACTOR IS ADVISED THAT TCEQ DOES NOT ALLOW CHANGES TO PERMANENT POLLUTION ABATEMENT MEASURES WITHOUT THEIR PRIOR APPROVAL.

2. CONTRACTOR SHALL NOTIFY CERTIFYING ENGINEER WHEN BASIN CONSTRUCTION HAS PROGRESSED TO THE FOLLOWING MILESTONES:

a.) REINFORCING STEEL FOR BASIN OVERFLOW WALL OR RIP–RAP LINER HAS BEEN SET, CONCRETE HAS NOT BEEN PLACED AND DRAIN AND RISER PIPE IS IN PLACE. CONTRACTOR SHALL PROVIDE ENGINEER WITH SURVEY DATA WHICH DEMONSTRATES THE RISER PIPE HAS BEEN SET AT PROPER ELEVATION AND GRADE.

b.) BASIN HAS BEEN COMPLETELY FINISHED INCLUDING SOD OR SEED PLACEMENT ON SIDE SLOPES (WHERE APPLICABLE).

3. WORK SHALL NOT CONTINUE ON THE BASIN UNTIL THE ENGINEER HAS HAD AN OPPORTUNITY TO OBSERVE THE STATUS OF CONSTRUCTION AT EACH STAGE. CONTRACTOR SHALL PROVIDE ENGINEER A MINIMUM OF 24 HOURS ADVANCE NOTICE PRIOR TO TIME THE BASIN WILL BE AT THE REQUIRED STAGE.

4. UPON SUBSTANTIAL COMPLETION, OR AS REQUESTED BY ENGINEER, CONTRACTOR TO PROVIDE CERTIFYING ENGINEER WITH FIELD SHOTS VERIFYING ELEVATIONS OF THE FOLLOWING:

– TOP OF BANK/WALL AT EACH CORNER OF BASIN
– TOE OF SLOPE AT EACH CORNER OF BASIN (INSIDE BASIN TOE)
– SPLASH PAD/INLET PIPES
– OVERFLOW WEIR

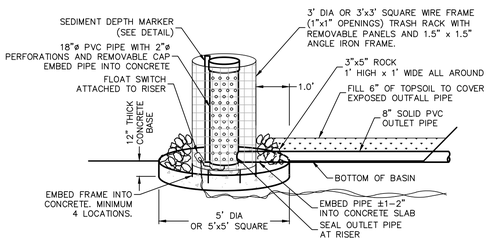
5. BEFORE FINAL ACCEPTANCE OF CONSTRUCTION BY THE OWNER, THE CONTRACTOR WILL REMOVE ALL TRASH, DEBRIS, AND ACCUMULATED SILT FROM THE BASINS AND REESTABLISH THEM TO THE PROPER OPERATING CONDITION.

NOTES:

1. CONTRACTOR SHALL INSTALL AND ESTABLISH VEGETATION IN BASIN PER BASIN DETAIL SHEET PRIOR TO SITE CLOSEOUT.

2. UPON COMPLETION OF CONSTRUCTION, AND IN ACCORDANCE WITH TCEQ REGULATIONS, ALL PERMANENT BMP'S (FILTERSTRIPS AND BASIN) MUST BE CERTIFIED BY A REGISTERED PROFESSIONAL ENGINEER.

3. ALL AREAS DISTURBED AS PART OF CONSTRUCTION OF BASIN SHALL BE REVEGATATED PRIOR TO COMPLETION.



OUTLET STRUCTURE DETAIL WITH SURFACE OUTFALL PIPE

THE ENGINEERING SEAL HAS BEEN AFFIXED TO THIS SHEET ONLY FOR THE PURPOSE OF DEMONSTRATING COMPLIANCE WITH THE POLLUTION ABATEMENT SIZING AND TREATMENT REQUIREMENTS OF THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY'S EDWARDS AQUIFER TECHNICAL GUIDANCE MANUAL.

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CZP EXHIBIT 5

NO.	REVISION	DATE

9/17/2024

STATE OF TEXAS
REBECCA ANN CARROLL
92666
LICENSED PROFESSIONAL ENGINEER

PAPE-DAWSON ENGINEERS
2000 NW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #10028800

6 CREEKS-PHASE 1, SECTION 18A1
HAYS COUNTY, TEXAS

BASIN S DETAILS

PLAT NO.
JOB NO. 8141-64
DATE SEPTEMBER 2024
DESIGNER JP
CHECKED DRAWN JP/JA
SHEET C8.10

Date: Sep 17, 2024, 9:19pm User ID: jpotell
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