

### ITEM FOR ENVIRONMENTAL COMMISSION AGENDA

**COMMISSION MEETING** 

May 4, 2022

DATE:

NAME & NUMBER OF

Pinnacle at Wildhorse Ranch

PROJECT:

LOCATION:

C8-2021-0152

NAME OF APPLICANT OR **ORGANIZATION:** 

Kimley Horn & Assoc., Kevin Burks

12000 Blue Bluff Rd, Austin, TX, 78724

**COUNCIL DISTRICT:** 

District #1

ENVIRONMENTAL **REVIEW STAFF:** 

Pamela Abee-Taulli, Environmental Program Coordinator, Development Services Department, 512.974.1879, pamela.abee-taulli@austingexas.gov

WATERSHED:

Gilleland Creek Watershed, Suburban Classification, Desired

Development Zone

**REQUEST:** 

Variance request is as follows:

- Request to vary from LDC 25-8-341 to allow cut to 15 feet.
- Request to vary from LDC 25-8-342 to allow fill to 15 feet.

STAFF

Staff recommends this variance, having determined the findings of fact to have been met.

**RECOMMENDATION:** 

**STAFF CONDITION:** 

1. The applicant will provide enhanced vegetation for the wetland

- critical environmental features, to be comprised of 1 (one) canopy tree and 2 (two) understory trees per 700 square feet, to be planted in clusters, with plants no closer than 3feet on center, in a generally tree-less area that is roughly 70,000 sf.
- 2. Grading over 8 feet will be stabilized by containment and/or terracing.
- 3. Water quality requirements will be met by using biofiltration, a green storm water quality infrastructure.



## Development Services Department Staff Recommendations Concerning Required Findings

Project Name: Pinnacle at Wildhorse Ranch

Ordinance Standard: Comprehensive Watershed Ordinance as modified by Planned Unit

Development (PUD) Ordinance 020214-28

Variance Request: Request to vary from LDC 25-8-341 to allow cut to 15 feet.

Include an explanation with each applicable finding of fact.

A. Land Use Commission variance determinations from Chapter 25-8-41 of the City Code:

1. The requirement will deprive the applicant of a privilege available to owners of similarly situated property with approximately contemporaneous development subject to similar code requirements.

Yes Grading variances have been deemed appropriate under similar development circumstances for sites with multiple constraints. Blue Bluff/Saddle Ridge at Wildhorse Ranch (C8-2020-0033) also received variances for cut to 15 feet and fill to 15 feet.

Both sites have topographical challenges, including slopes near or exceeding a grade of fifteen percent. This site has two wetland features as well. These constraints make it difficult to comply with Transportation Criteria Manual and Americans with Disabilities requirements for slopes, stopping sight distance, and block length maximums without variances to the Land Development Code grading regulations.

### 2. The variance:

 Is not necessitated by the scale, layout, construction method, or other design decision made by the applicant, unless the design decision provides greater overall environmental protection than is achievable without the variance;

Yes The variance is not necessitated by a design decision. It is necessitated by the site constraints, including slopes and wetlands. The houses are located on a stretch of flatter area, and the roadway follows the topography, dodging between the steeper slopes. The proposed design preserves the natural drainage patterns by detaining and treating stormwater in multiple basins throughout the property.

b) Is the minimum deviation from the code requirement necessary to allow a reasonable use of the property;

Yes The project has been designed to minimally deviate from the code to allow for accessible routes and crossings in compliance with the Americans with Disabilities Act and in compliance with the Transportation Criteria Manual's vertical roadway design criteria. The housing and roadways are located on the site so as to maximize use of the flatter areas, and the ponds are located so as to prioritize natural drainage patterns.

c) Does not create a significant probability of harmful environmental consequences.

Yes With appropriate erosion and sedimentation controls provided in accordance with Code and Criteria, the proposed cut and fill can be managed during construction, despite the slopes and proximity to wetlands. Neither will the completed project create a probability of harmful environmental consequences.

3. Development with the variance will result in water quality that is at least equal to the water quality achievable without the variance.

Yes Water quality will be code-compliant and therefore equal to the water quality that would be provided without the variance. In addition, the proposed design preserves the natural drainage patterns by detaining and treating stormwater in multiple basins throughout the property.

- B. The Land Use Commission may grant a variance from a requirement of Section 25-8-422 (Water Supply Suburban Water Quality Transition Zone), Section 25-8-452 (Water Supply Rural Water Quality Transition Zone), Section 25-8-482 (Barton Springs Zone Water Quality Transition Zone), Section 25-8-368 (Restrictions on Development Impacting Lake Austin, Lady Bird Lake, and Lake Walter E. Long), or Article 7, Division 1 (Critical Water Quality Zone Restrictions), after determining that::
  - 1. The criteria for granting a variance in Subsection (A) are met; N/A
  - 2. The requirement for which a variance is requested prevents a reasonable, economic use of the entire property;

    N/A
  - 3. The variance is the minimum deviation from the code requirement necessary to allow a reasonable, economic use of the entire property.

    N/A

<u>Staff Determination</u>: Staff determines that the findings of fact have / have not been met. Staff recommends the following condition:

1. The applicant will provide enhanced vegetation for the wetland critical environmental features.

- 2. Grading over 8 feet will be stabilized by containment and/or terracing.
- 3. Water quality requirements will be met by using biofiltration, a green storm water quality infrastructure.

Environmental Reviewer (DSD) Date: 3/17/2022 (Pamela Abee-Taulli)

Environmental Review Manager (DSD) Date: 3/19/2022

(Mike McDougal)

Deputy Environmental Officer (WPD)

Date: 03/28/2022

(Liz Johnston)



## Development Services Department Staff Recommendations Concerning Required Findings

Project Name: Pinnacle at Wildhorse Ranch

Ordinance Standard: Comprehensive Watershed Ordinance as modified by Planned Unit

Development (PUD) Ordinance 020214-28

Variance Request: Request to vary from LDC 25-8-342 to allow fill to 15 feet.

Include an explanation with each applicable finding of fact.

A. Land Use Commission variance determinations from Chapter 25-8-41 of the City Code:

1. The requirement will deprive the applicant of a privilege available to owners of similarly situated property with approximately contemporaneous development subject to similar code requirements.

Yes Grading variances have been deemed appropriate under similar development circumstances for sites with multiple constraints. Blue Bluff/Saddle Ridge at Wildhorse Ranch (C8-2020-0033) also received variances for cut to 15 feet and fill to 15 feet.

Both sites have topographical challenges, including slopes near or exceeding a grade of fifteen percent. This site has two wetland features as well. These constraints make it difficult to comply with Transportation Criteria Manual and Americans with Disabilities requirements for slopes, stopping sight distance, and block length maximums without variances to the Land Development Code grading regulations.

### 2. The variance:

- Is not necessitated by the scale, layout, construction method, or other design decision made by the applicant, unless the design decision provides greater overall environmental protection than is achievable without the variance;
  - Yes The variance is not necessitated by a design decision. It is necessitated by the site constraints, including slopes and wetlands. The houses are located on a stretch of flatter area, and the roadway follows the topography, dodging between the steeper slopes. The proposed design preserves the natural drainage patterns by detaining and treating stormwater in multiple basins throughout the property.

b) Is the minimum deviation from the code requirement necessary to allow a reasonable use of the property;

Yes The project has been designed to minimally deviate from the code to allow for accessible routes and crossings in compliance with the Americans with Disabilities Act and in compliance with the Transportation Criteria Manual's vertical roadway design criteria. The housing and roadways are located on the site so as to maximize use of the flatter areas, and the ponds are located so as to prioritize natural drainage patterns.

c) Does not create a significant probability of harmful environmental consequences.

Yes With appropriate erosion and sedimentation controls provided in accordance with Code and Criteria, the proposed cut and fill can be managed during construction, despite the slopes and proximity to wetlands. Neither will the completed project create a probability of harmful environmental consequences.

3. Development with the variance will result in water quality that is at least equal to the water quality achievable without the variance.

Yes Water quality will be code-compliant and therefore equal to the water quality that would be provided without the variance. In addition, the proposed design preserves the natural drainage patterns by detaining and treating stormwater in multiple basins throughout the property.

- B. The Land Use Commission may grant a variance from a requirement of Section 25-8-422 (Water Supply Suburban Water Quality Transition Zone), Section 25-8-452 (Water Supply Rural Water Quality Transition Zone), Section 25-8-482 (Barton Springs Zone Water Quality Transition Zone), Section 25-8-368 (Restrictions on Development Impacting Lake Austin, Lady Bird Lake, and Lake Walter E. Long), or Article 7, Division 1 (Critical Water Quality Zone Restrictions), after determining that::
  - 1. The criteria for granting a variance in Subsection (A) are met; N/A
  - 2. The requirement for which a variance is requested prevents a reasonable, economic use of the entire property;

    N/A
  - 3. The variance is the minimum deviation from the code requirement necessary to allow a reasonable, economic use of the entire property.

    N/A

<u>Staff Determination</u>: Staff determines that the findings of fact have / have not been met. Staff recommends the following condition:

1. The applicant will provide enhanced vegetation for the wetland critical environmental features.

- 2. Grading over 8 feet will be stabilized by containment and/or terracing.
- 3. Water quality requirements will be met by using biofiltration, a green storm water quality infrastructure.

Environmental Reviewer

(DSD)

(Pamela Abee-Taulli)

Date: 3/17/2022

**Environmental Review** Manager (DSD)

(Mike McDougal)

Date: 3/19/2022

Deputy Environmental Officer (WPD)

03/28/2022 Date:



## **ENVIRONMENTAL COMMISSION VARIANCE APPLICATION FORM**

# **PROJECT DESCRIPTION Applicant Contact Information**

Name of Applicant	Kevin Burks, P.E.	
	10814 Jollyville Rd	
Street Address	Building 4, Suite 200	
City State ZIP Code	Austin, TX 78759	
Work Phone	512-418-4528	
E-Mail Address	Kevin.Burks@kimley-horn.com	

## **Variance Case Information**

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Case Name	Pinnacle at Wildhorse Ranch	
Case Number	C8-2021-0152PA	
Address or Location	Along Wildhorse Ranch Trail, between Blue Bluff Road and E Parmer Lane in Austin, TX.	
Environmental Reviewer Name	Pamela Abee-Taulli	
Environmental Resource Management Reviewer Name	Hank Marley	
Applicable Ordinance	25-8-341 & 25-8-342	
Vatershed Name Gilleland Creek		

Matarahad Classifist	□Urban X Suburban □	Water Supply Suburban
Watershed Classificat	on ☐ Water Supply Rural ☐	Barton Springs Zone
Edwards Aquifer Rech Zone	narge	☐ Northern Edwards Segment
Edwards Aquifer Contributing Zone	☐ Yes X No	
Distance to Nearest Classified Waterway	Gilleland Creek runs just east	of Preliminary Plat boundary
Water and Waste Wa service to be provided	,	
Request	The variance request is as fol 25-8-342 Fill Requirements	lows: 25-8-341 Cut Requirements &
Impervious cover	Existing	Proposed
square footage:	0	<u>288,148</u>
acreage:	18.37	<u>18.37</u>
percentage:	0	<u>36.00%</u>
Provide general description of the property (slope range, elevation range, summary of vegetation / trees, summary of the geology, CWQZ, WQTZ, CEFs, floodplain, heritage trees, any other notable or outstanding characteristics of the property)	76.5% of the property falls within the 0% property has slopes exceeding 15% slope. The property ranges in elevation from 64. There is an assortment of Cedar Elm and of which exceed 24 caliper inches.  On-site soils are Type D Expansive Clays a complex and Heiden clay by the USGS we Two wetland CEFs exist within the site. N developed 25-year and 100-year floodpla	Willow trees within the site; only nine and is identified as Ferris-Heiden eb soil survey.

Clearly indicate in what
way the proposed project
does not comply with
current Code (include
maps and exhibits)

Per the attached cut/fill exhibit, there are areas that require cut/fills greater than 4'.

### **FINDINGS OF FACT**

As required in LDC Section 25-8-341, in order to grant a variance, the Land Use Commission must make the following findings of fact:

Include an explanation with each applicable finding of fact.

Project: Blue Bluff at Wildhorse Ranch

Ordinance: 25-8-341 Cut Requirements & 25-8-342 Fill Requirements

- A. Land Use Commission variance determinations from Chapter 25-8-341 and 25-8-342 of the City Code:
  - The requirement will deprive the applicant of a privilege available to owners of similarly situated property with approximately contemporaneous development subject to similar code requirements.

Yes

The otherwise developable land located within the 0% to 15% slope category is primarily comprised of slopes closer to 15%. In order to comply with the Americans with Disabilities Act (ADA) requiring 2% cross slope at intersection crosswalks on the local and collector roadways and to meet Transportation Criteria Manual (TCM) requirements for stopping sight distance (for vertical curves and roadway design) and block length maximums, the proposed grades will need to exceed the cut and fill allowed by Chapter 25. This applies to the single-family lots fronting the roadways meeting the ADA and TCM requirements due to access requirements for the lots. The maximum Cut is 14.7 feet. The maximum Fill is 14.9 feet.

In addition, the development of adjacent properties will be challenged by the existing topography. It's highly likely future developments will be pursuing a cut and fill variance request of this magnitude. We also requested and received

similar variances on our Saddle Ridge at Wildhorse Ranch project next door (C8-2020-0033) due to the same TCM design criteria and ADA requirements that were required as part of that subdivision.

#### 2. The variance:

a) Is not necessitated by the scale, layout, construction method, or other design decision made by the applicant, unless the design decision provides greater overall environmental protection than is achievable without the variance;

Yes

Pinnacle at Wildhorse Ranch is primarily a single-family residential development with roadways and lot layouts generally designed to follow the existing topography to preserve the natural character of the property. In addition, multiple water quality and detention basins have been placed in natural low areas to preserve the existing drainage patterns. We are not changing drainage patterns to route runoff to one basin, and intend to maintain adequate runoff reaching the existing wetland CEFs. This variance request is not driven by a design decision on our side.

b) Is the minimum deviation from the code requirement necessary to allow a reasonable use of the property;

Yes

Pinnacle at Wildhorse Ranch has been designed to minimally deviate from the code to allow for accessible routes and crossings in compliance with the Americans with Disabilities Act, and meet TCM vertical roadway design criteria. The percentage of the property exceeding 8 feet for this property is 3.4%.

Specifically, the design accounts for existing constraints such as the elevation of the adjacent connecting roads at City of Austin approved locations and the minimum allowable roadways slopes to allow for ADA compliance.

The roadway network has been designed to minimize the number of cross streets to reduce the amount of cut and fill and to maintain compliance with the Transportation Criteria Manual (TCM) block-length requirement. As such, these cross-streets are required to comply with block length requirements outlined in the code.

c) Does not create a significant probability of harmful environmental consequences.

Yes

The proposed roadways and associated drainage system have been designed to protect the natural character and function of the Critical Environmental Features by ensuring they receive the required surface water runoff quantity and quality needed to promote wetland and floodplain health. In addition, the proposed design preserves the natural drainage patterns by detaining and treating stormwater in multiple basins throughout the property.

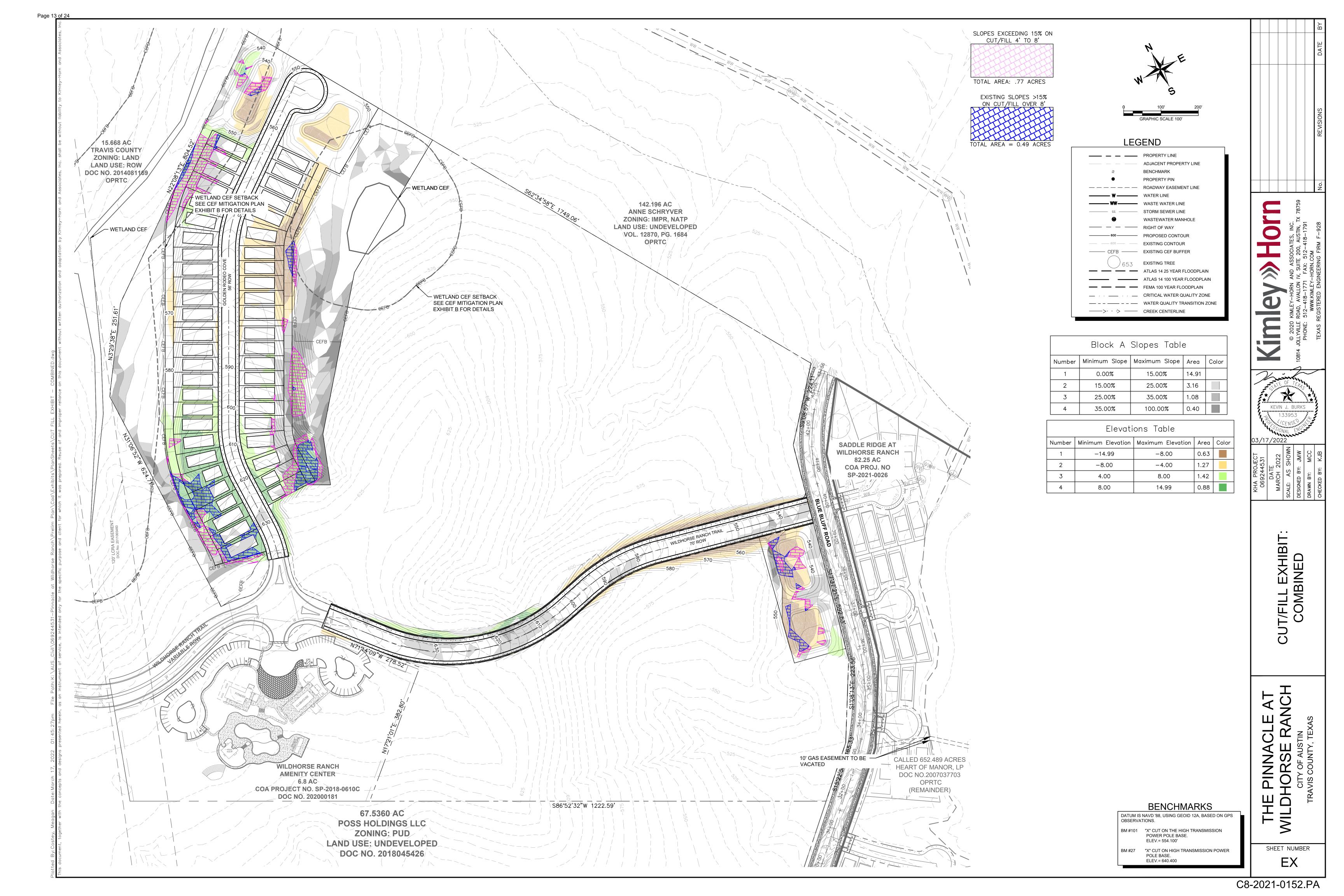
3. Development with the variance will result in water quality that is at least equal to the water quality achievable without the variance.

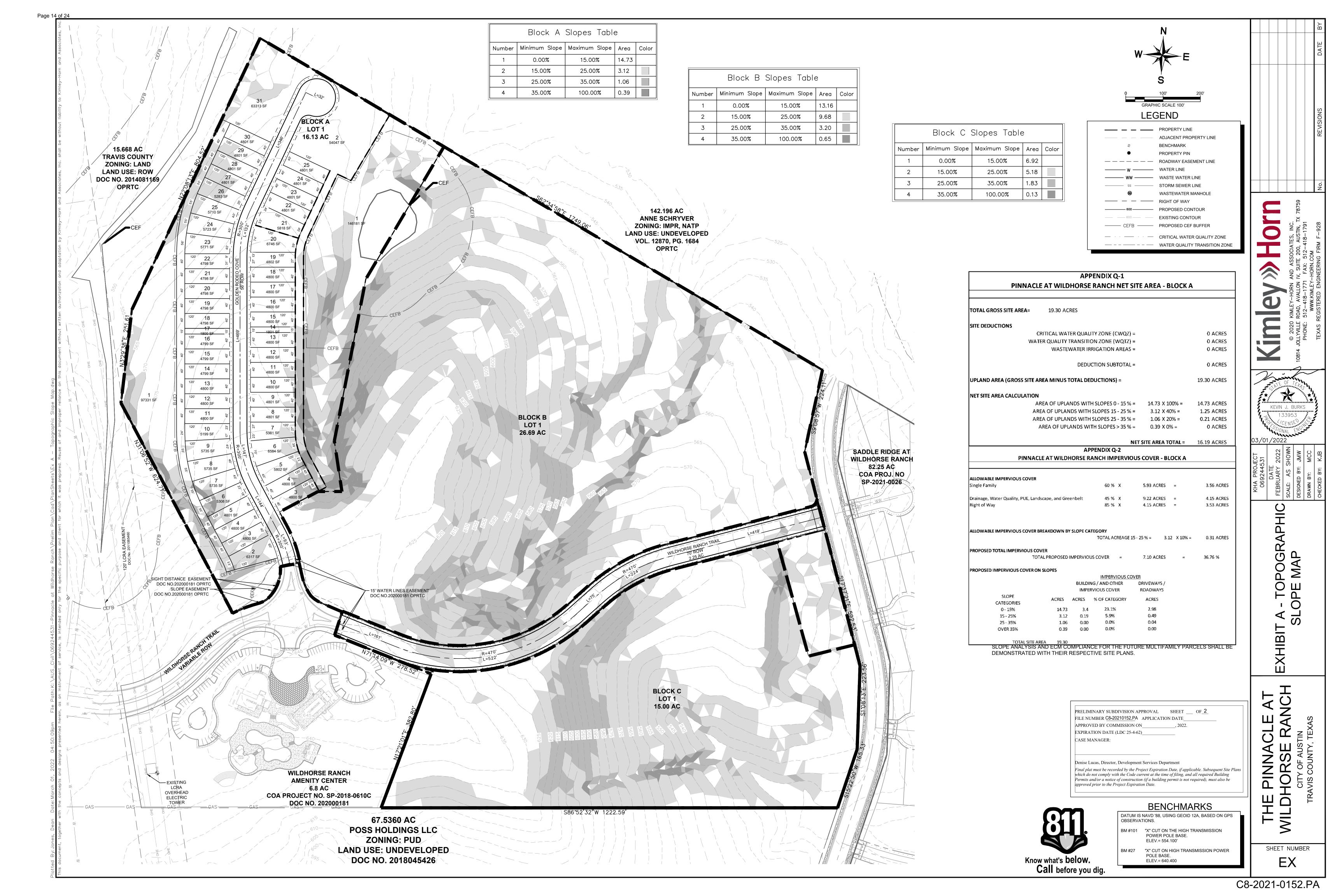
Yes

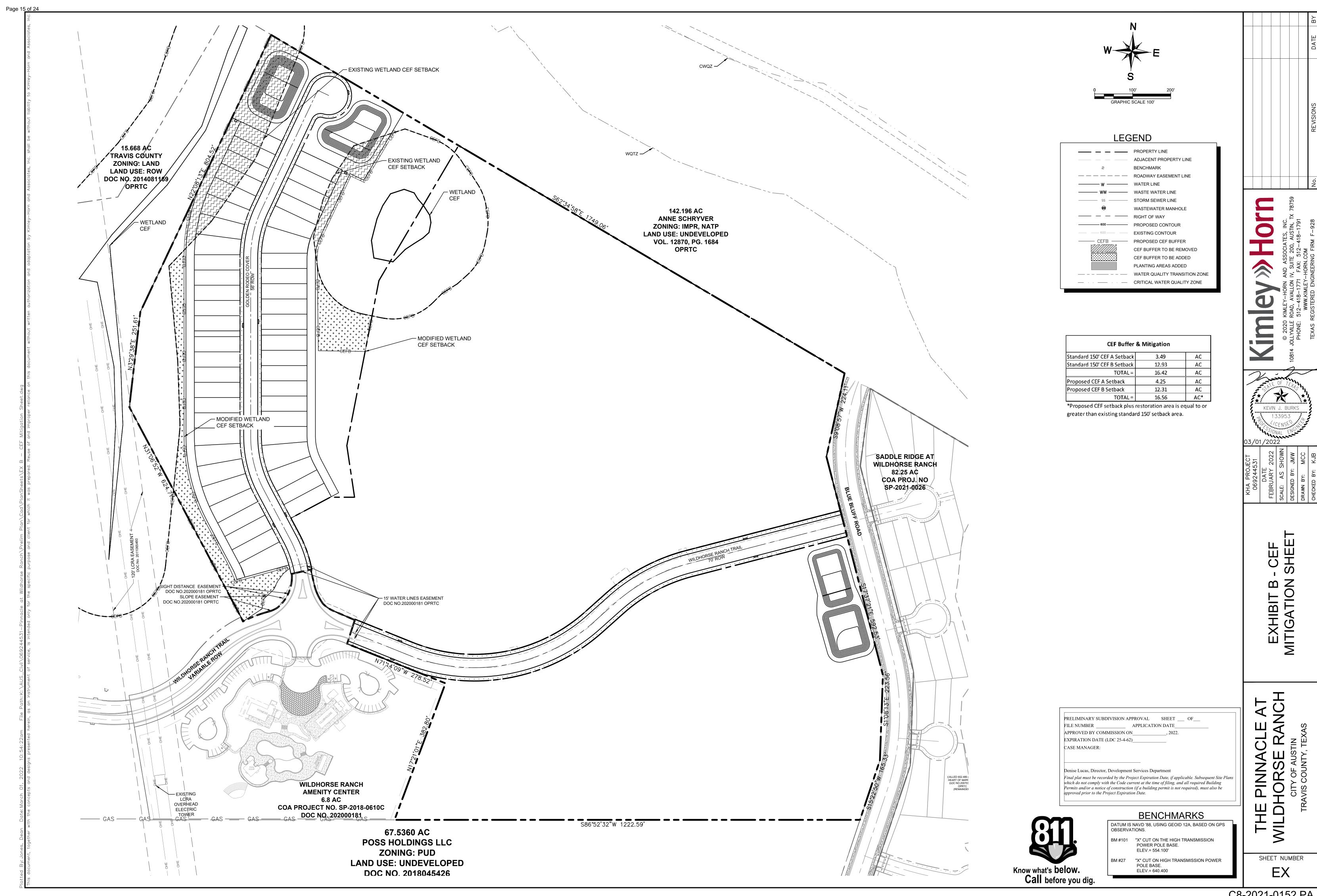
The proposed design adheres to all water quality requirements outlined within the Environmental Criteria Manual and as such, will result in water quality that is at least equal to water quality achievable without the variance. In addition, the proposed design preserves the natural drainage patterns by detaining and treating stormwater in multiple basins throughout the property. Based on preliminary discussions with Staff, we are comfortable upgrading from the standard full sedimentation/filtration ponds to green water quality controls as an effort to obtain environmental superiority with this variance request.

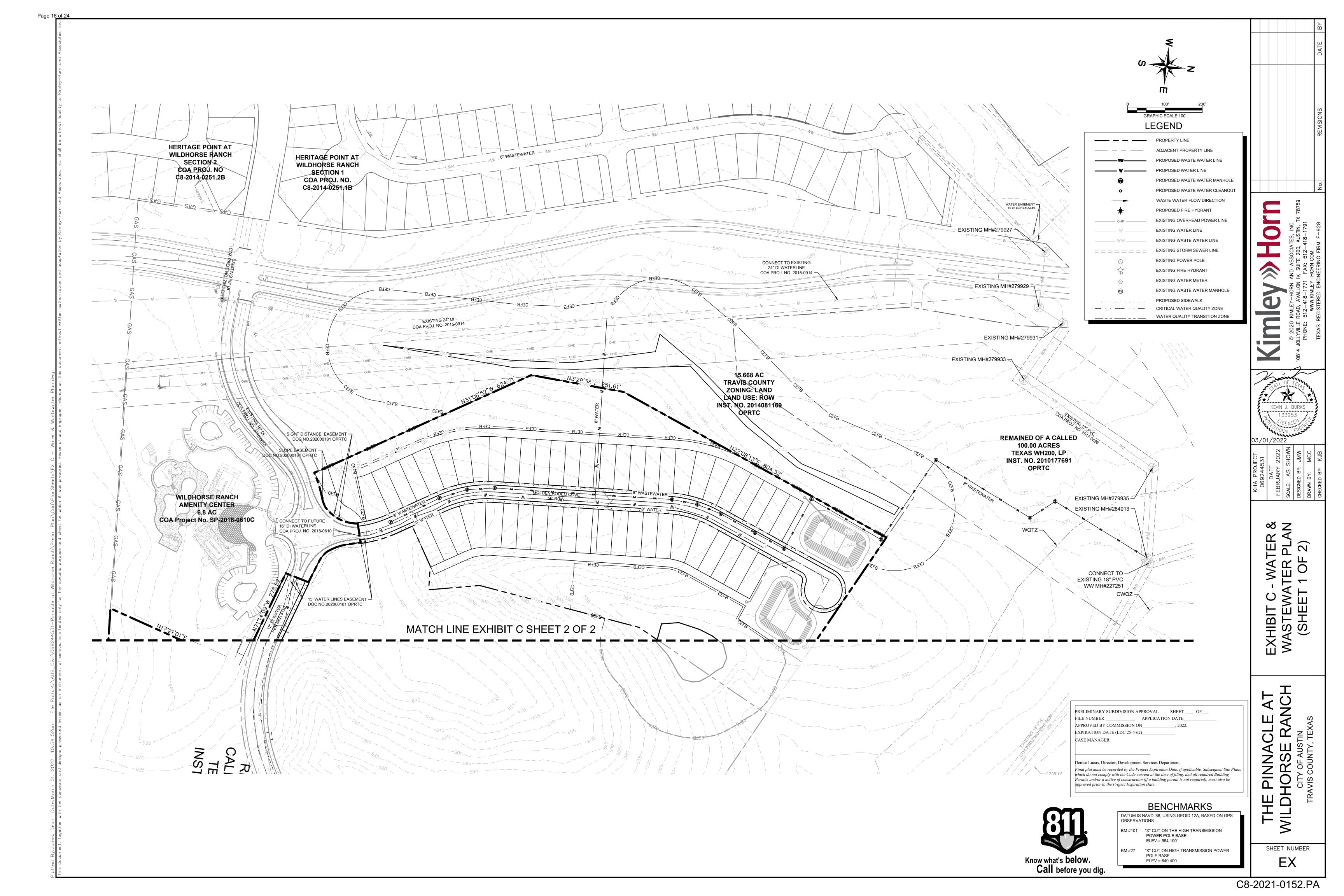
- B. Additional Land Use Commission variance determinations for a requirement of Section 25-8-422 (Water Quality Transition Zone), Section 25-8-452 (Water Quality Transition Zone), Article 7, Division 1 (Critical Water Quality Zone Restrictions), or Section 25-8-368 (Restrictions on Development Impacting Lake Austin, Lady Bird Lake, and Lake Walter E. Long):
  - 1. The criteria for granting a variance in Subsection (A) are met;
    - N/A to this variance request.
  - 2. The requirement for which a variance is requested prevents a reasonable, economic use of the entire property;
    - N/A to this variance request.
  - 3. The variance is the minimum deviation from the code requirement necessary to allow a reasonable, economic use of the entire property.
    - N/A to this variance request.

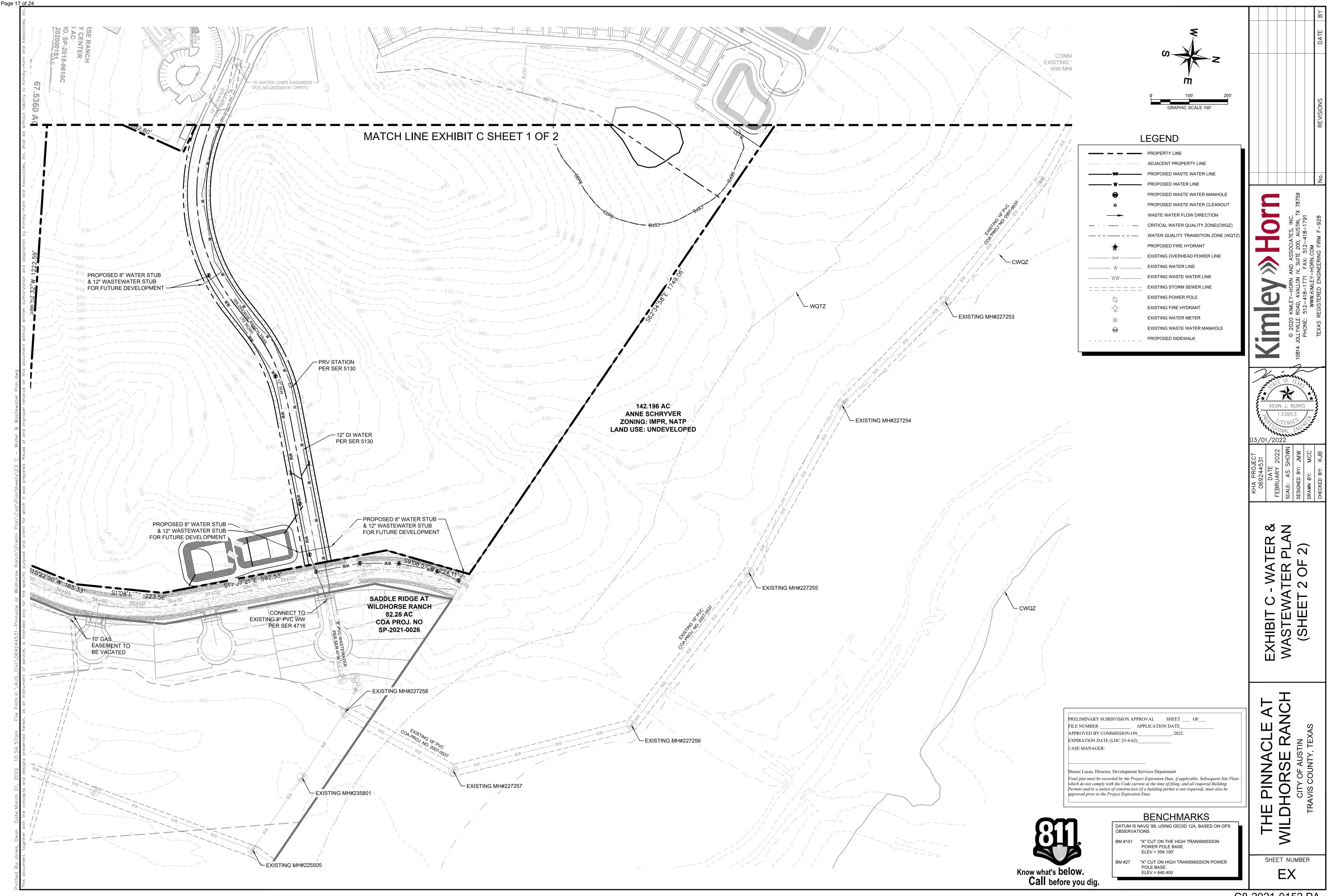
<sup>\*\*</sup>Variance approval requires all above affirmative findings.

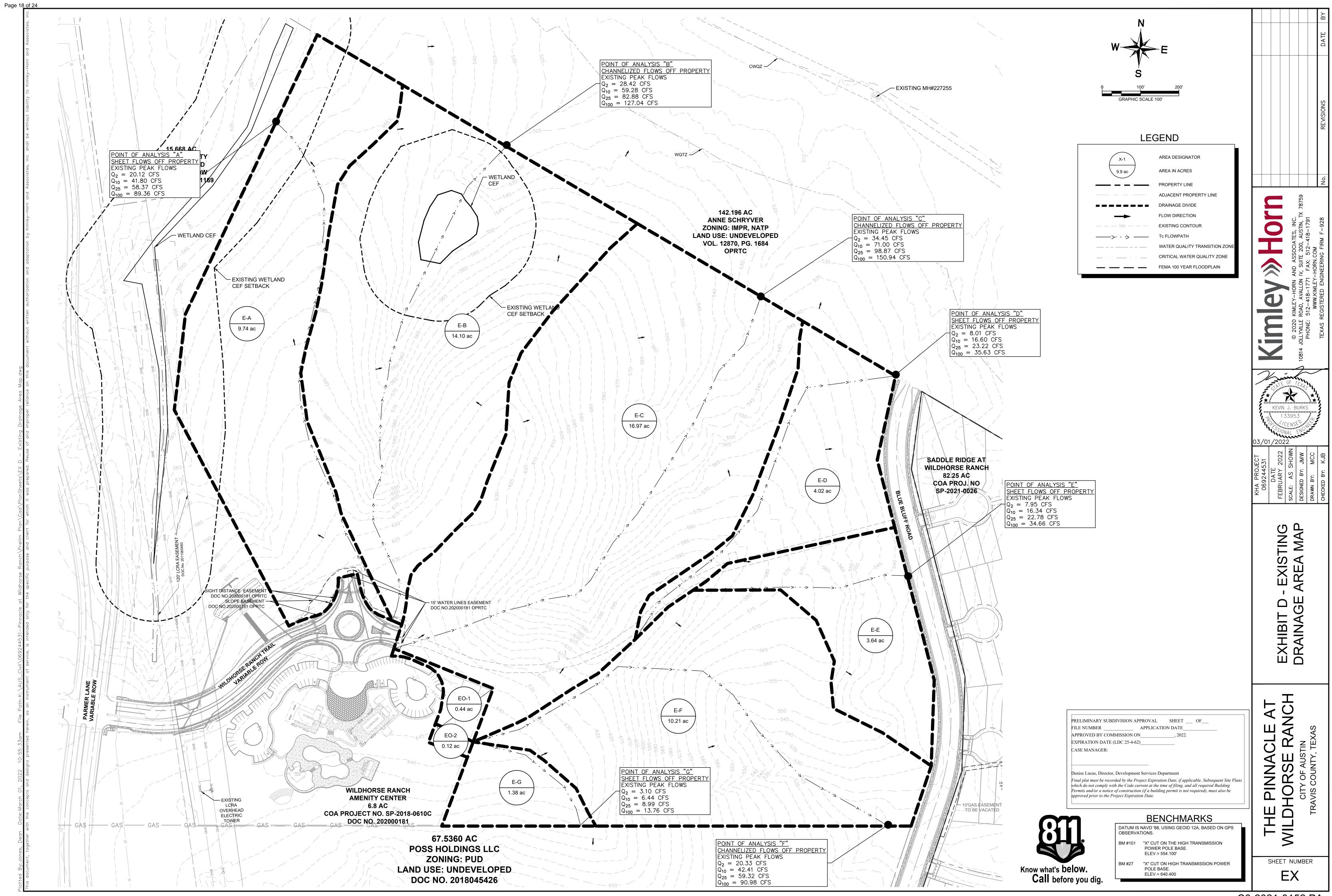




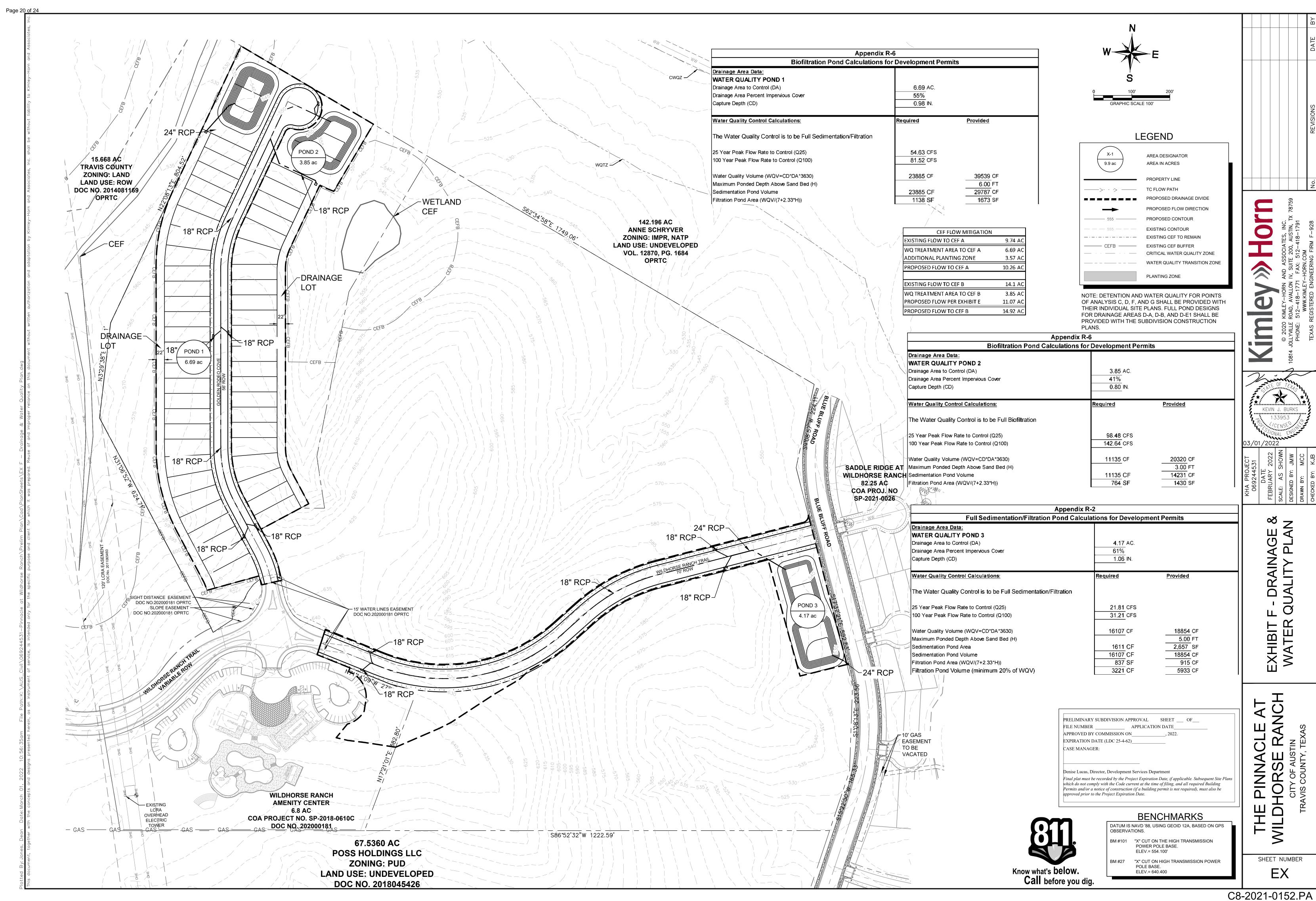


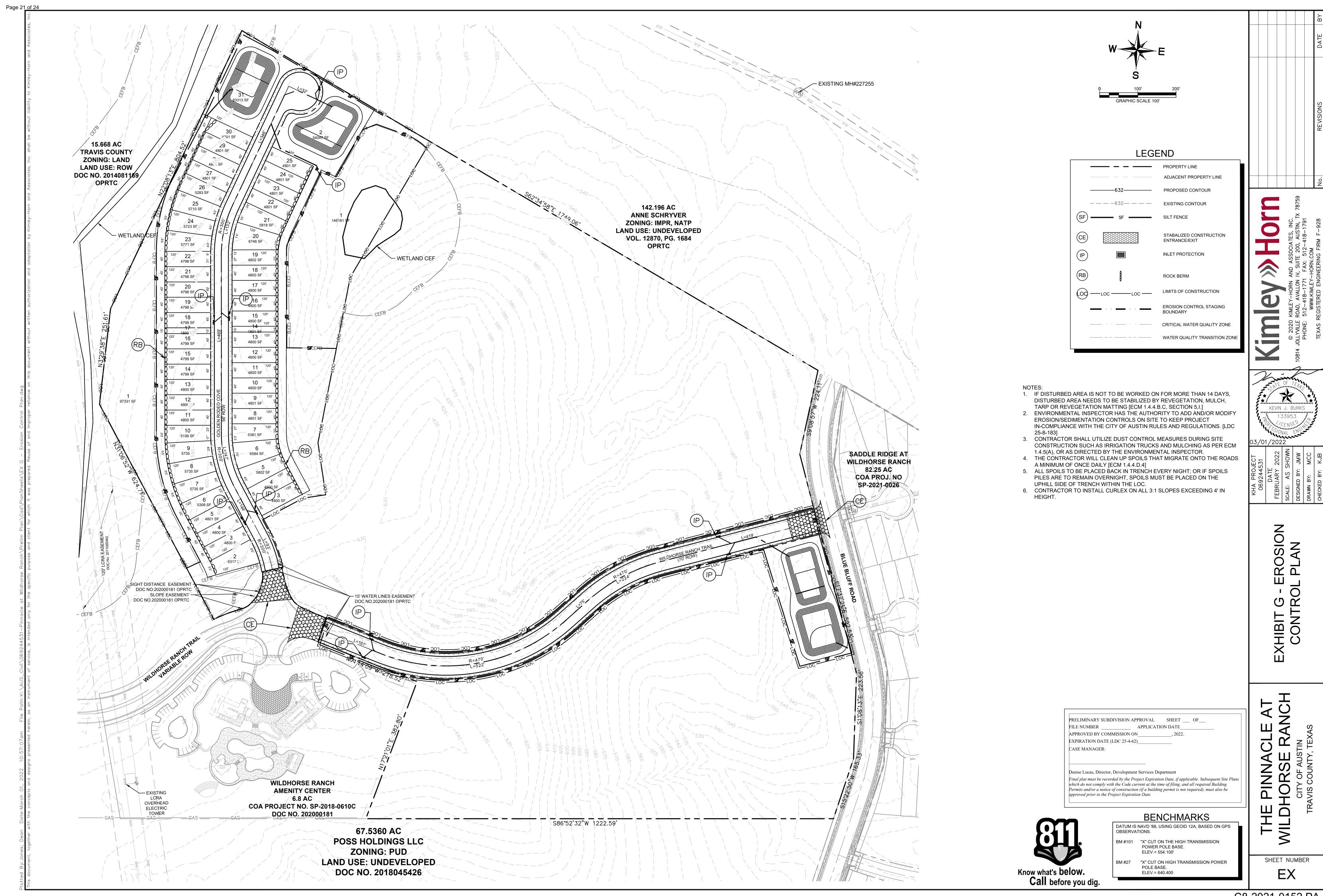


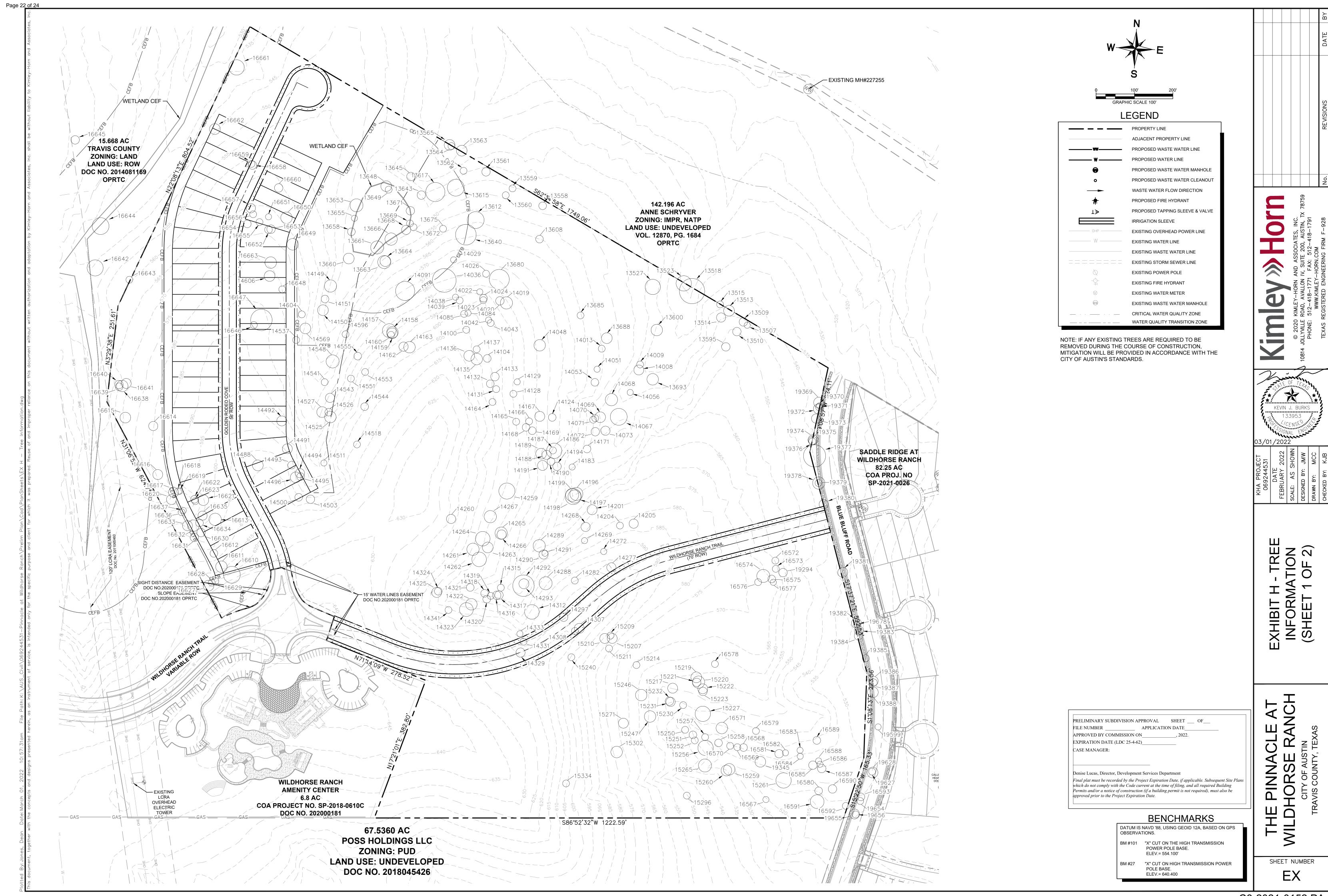












Tag #	Species	Diameter(in)
13507	CEDAR ELM	8
13509	CEDAR ELM	11
13510	CEDAR ELM	11
13513	CEDAR ELM	14
13514	CEDAR ELM	12
13515	CEDAR ELM	9
	CEDAR ELM	33
	CEDAR ELM	20
	CEDAR ELM	20
	CEDAR ELM	10
	CEDAR ELM	9
	CEDAR ELM	9
	CEDAR ELM	11
	CEDAR ELM	9
	CEDAR ELM	14
	CEDAR ELM	9
	CEDAR ELM	14
	CEDAR ELM	11
	CEDAR ELM	15
	CEDAR ELM	10
	CEDAR ELM	22
	CEDAR ELM CEDAR ELM	22 25
	CEDAR ELM	27
	CEDAR ELM	11
	CEDAR ELM	11
	WILLLOW	14
	WILLLOW	9
	WILLLOW	17
	WILLLOW	8
	WILLLOW	10
	CEDAR ELM	14
	WILLLOW	17
	CEDAR ELM	17
	CEDAR ELM	14
	WILLOW	16
	CEDAR ELM	12
	WILLOW	9
13671	WILLOW	11
13672	CEDAR ELM	9
13675	CEDAR ELM	9
13680	CEDAR ELM	26
13685	MESQUITE	9
13688	CEDAR ELM	14
	CEDAR ELM	15
14008	CEDAR ELM	13
14009	CEDAR ELM	9
14013	CEDAR ELM	9
14019	CEDAR	16
14020	CEDAR	11
14022	CEDAR ELM	8
14023	CEDAR ELM	9
14024	CEDAR ELM	10
14026	CEDAR ELM	9
14029	CEDAR ELM	8
14036	CEDAR ELM	31
14038	CEDAR ELM	8
14039	CEDAR ELM	9
14042	CEDAR ELM	8
14043	CEDAR ELM	9
	CEDAR ELM	15
	CEDAR ELM	8
	CEDAR ELM	10
	CEDAR ELM	8
	CEDAR ELM	22
	CEDAR ELM	16
	CEDAR ELM	14
	CEDAR ELM	9
	CEDAR ELM	9
	CEDAR ELM	11
	CEDAR ELM	12
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	CHINABERRY	9
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14129 CEDAR ELM

14131 CEDAR ELM

Tag #	Species	Diameter(in)
14132	CEDAR ELM	10
14133	CEDAR ELM	11
14135	CEDAR ELM	15
14136	CEDAR	14
14137	CEDAR	9
	CEDAR ELM	16
	CEDAR ELM	14
14151	CEDAR ELM	10
14157	CEDAR ELM	18
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	CEDAR ELM	9
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	CEDAR ELM	10
	CEDAR ELM	10
	CEDAR ELM	8
	MESQUITE	20
	MESQUITE	9
	HACKBERRY	
	CEDAR ELM	14
	HACKBERRY	10
	CEDAR ELM	13
	HACKBERRY	11
	CEDAR ELM	17 17
	CEDAR ELM	21
	CEDAR ELM	17
	CEDAR	13
	CEDAR ELM	9
	CEDAR ELM	12
	CEDAR ELM	21
	CEDAR ELM	12
	CEDAR ELM	16
	CEDAR ELM	19
	CEDAR ELM	14
14264	CEDAR ELM	19
14265	CEDAR ELM	16
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14268	CEDAR ELM	12
14269	CEDAR ELM	8
14272	CEDAR ELM	8
14277	CEDAR ELM	12
14282	CEDAR ELM	9
14288	CEDAR ELM	17
14289	BOIS D'ARC	16
14290	CEDAR ELM	12
	CEDAR ELM	8
	BOIS D'ARC	28
	BOIS D'ARC	13
	CEDAR ELM	11
	CEDAR ELM	13
	CEDAR ELM	9
	CEDAR ELM	19
	HACKBERRY	9
	CEDAR ELM	11
	CEDAR ELM	11 10
	CEDAR ELM	9
	CEDAR	10
	CEDAR ELM	10
	CEDAR ELM	15
	CEDAR	18
	CEDAR ELM	10
	HACKBERRY	13
	CEDAR ELM	13
	CEDAR ELM	9
	CEDAR ELM	8
	CEDAR ELM	9
14341	CEDAR ELM CEDAR ELM	
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14341 14488 14491	CEDAR ELM	9 14 13 13

14493 CEDAR ELM

14494 CEDAR ELM

Tag #	Species	Diameter(in)
	CEDAR ELM	10
	CEDAR ELM	14 10
	CEDAR ELM	11
	CEDAR ELM	8
14518	CEDAR ELM	9
14525	CEDAR	15
	CEDAR ELM	10
	CEDAR ELM HACKBERRY	14
	CEDAR ELM	9
	CEDAR ELM	12
14544	CEDAR	10
	CEDAR ELM	17
	CEDAR ELM	9
	CEDAR ELM CEDAR ELM	9
	CEDAR	14
14596	CEDAR ELM	9
14604	CEDAR ELM	9
	CEDAR ELM	14
	CEDAR ELM	13
	CEDAR ELM CEDAR ELM	9 13
	CEDAR ELM	9
15214	CEDAR ELM	9
	CEDAR ELM	13
	CEDAR ELM	14
	CEDAR ELM CEDAR ELM	16 11
	CEDAR ELM	13
	CEDAR ELM	11
15227	CEDAR ELM	20
	CEDAR ELM	9
	CEDAR ELM CEDAR ELM	12 11
	CEDAR ELM	9
15246	CEDAR ELM	15
	CEDAR ELM	15
	CEDAR ELM	9
	CEDAR ELM CEDAR ELM	10 9
	CEDAR ELM	20
15257	CEDAR ELM	9
	CEDAR ELM	10
	CEDAR ELM CEDAR ELM	15 14
	CEDAR ELM	20
15265	CEDAR ELM	17
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16569	CEDAR ELM	9
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	CEDAR ELM	10
	CEDAR ELM	9
	CEDAR ELM	8
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	CEDAR ELIVI	9

16592 CEDAR ELM

16593 CEDAR ELM

Tag #	Species	Diameter(in)
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	CEDAR ELM	15
16612	CEDAR ELM	10
16613	CEDAR ELM	16
16614	CEDAR ELM	12
	•	
	CEDAR ELM	14
16616	CEDAR ELM	13
16617	CEDAR ELM	13
16618	CEDAR ELM	9
	CEDAR ELM	8
16620	CEDAR ELM	13
16621	CEDAR ELM	14
16622	CEDAR ELM	10
	CEDAR ELM	9
16627	CEDAR	14
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16629	HACKBERRY	9
	CEDAR ELM	11
	CEDAR ELM	11
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	CEDAR ELM	12
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	CEDAR ELM	15
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19345	CEDAR ELM	14
	CEDAR ELM	14
	CEDAR ELM	8
19371	CEDAR ELM	9
19372	CEDAR ELM	13
19373	CEDAR ELM	12
	CEDAR ELM	13
	CEDAR ELM	11
19376	CEDAR ELM	9
19377	CEDAR ELM	29
19378	CEDAR ELM	16
	CEDAR ELM	9
	CEDAR ELM	12
19381	CEDAR ELM	13
19382	CEDAR ELM	13
	CEDAR ELM	12
	CEDAR ELM	11
19385	CEDAR	9
19386	CEDAR ELM	12
	CEDAR ELM	10
	CEDAR ELM	14
19599	CEDAR ELM	8
10627	CEDAR ELM	9
1902/		14
	MESQUITE	'←
19628	MESQUITE CEDAR FLM	
19628 19654	CEDAR ELM	9
19628 19654 19655	CEDAR ELM CEDAR ELM	9 13
19628 19654 19655	CEDAR ELM	9

19678 CEDAR ELM

Tag #	Species	Diameter(in)	
	CEDAR ELM	22	
	CEDAR ELM	15	
	CEDAR ELM	10	
	CEDAR ELM	16	
	CEDAR ELM	12	
	CEDAR ELM	14	
	CEDAR ELM	13	
16617	CEDAR ELM	13	
16618	CEDAR ELM	9	
16619	CEDAR ELM	8	
16620	CEDAR ELM	13	
16621	CEDAR ELM	14	
16622	CEDAR ELM	10	
	CEDAR ELM	9	
	CEDAR	14	
	HACKBERRY	9	
	HACKBERRY	9	
	CEDAR ELM	11	
	CEDAR ELM	11	
16632	CEDAR ELM	15	
16633	CEDAR ELM	13	
16634	CEDAR ELM	10	
16635	CEDAR ELM	12	
	CEDAR ELM	9	
	CEDAR ELM	8	
	CEDAR ELIVI	15	
	CEDAR ELM	10	
	CEDAR ELM	11	
	CEDAR ELM	13	
	CEDAR ELM	21	
16643	CEDAR ELM	9	
16644	CEDAR ELM	22	
16645	CEDAR ELM	11	
16646	CEDAR ELM	9	
16647	CEDAR ELM	28	
16648	CEDAR ELM	9	
16649	CEDAR ELM	15	
16650	CEDAR ELM	15	
	CEDAR ELM	8	
	CEDAR ELM	10	
	CEDAR ELM	11	
	CEDAR ELM	10	
	CEDAR ELM	9	
	CEDAR ELM	9	
	CEDAR ELM	12	
	CEDAR ELM	11	
	CEDAR ELM	9	
	CEDAR ELM	11	
	CEDAR ELM	20	
	CEDAR ELM	14	
	CEDAR ELM	15	
19294	CEDAR ELM	11	
19345	CEDAR ELM	14	
19369	CEDAR ELM	14	
19370	CEDAR ELM	8	
19371	CEDAR ELM	9	
19372	CEDAR ELM	13	
	CEDAR ELM	12	
	CEDAR ELM	13	
	CEDAR ELM	11	
	CEDAR ELM	9	
	CEDAR ELM	29	
	CEDAR ELM	16	
	CEDAR ELM	9	
	CEDAR ELM	12	
	CEDAR ELIVI	13	
	CEDAR ELM	13	
	CEDAR ELM	12	
	CEDAR ELM	11	
	CEDAR	9	
	CEDAR ELM	12	
	CEDAR ELM	10	
	CEDAR ELM	14	
19599	CEDAR ELM	8	
19627	CEDAR ELM	9	
19628	MESQUITE	14	
19654	CEDAR ELM	9	
19655	CEDAR ELM	13	

Tag#	Species	Diameter(in)	
	CEDAR ELM	22	
16611	CEDAR ELM	15	
	CEDAR ELM	10	
	CEDAR ELM	16	
	CEDAR ELM	12	
	CEDAR ELM	14	
16616	CEDAR ELM	13	
16617	CEDAR ELM	13	
16618	CEDAR ELM	9	
16619	CEDAR ELM	8	
	CEDAR ELM	13	
	CEDAR ELM		
		14	
	CEDAR ELM	10	
16623	CEDAR ELM	9	
16627	CEDAR	14	
16628	HACKBERRY	9	
16629	HACKBERRY	9	
16630	CEDAR ELM	11	
16631	CEDAR ELM	11	
	CEDAR ELM	15	
	CEDAR ELM	13	
	CEDAR ELM	10	
	CEDAR ELM	12	
	CEDAR ELM	9	
16637	CEDAR ELM	8	
16638	CEDAR ELM	15	
16639	CEDAR ELM	10	
16640	CEDAR ELM	11	
	CEDAR ELM	13	
	CEDAR ELM	21	
	CEDAR ELM	9	
	CEDAR ELM	22	
	CEDAR ELM	11	
16646	CEDAR ELM	9	
16647	CEDAR ELM	28	
16648	CEDAR ELM	9	
16649	CEDAR ELM	15	
16650	CEDAR ELM	15	
16651	ÇEDAR ELM	8	
	CEDAR ELM	10	
	CEDAR ELM	11	
	CEDAR ELM	10	
	CEDAR ELM	9	
	CEDAR ELM	9	
	CEDAR ELM	12	
16658	CEDAR ELM	11	
16659	CEDAR ELM	9	
16660	CEDAR ELM	11	
16661	CEDAR ELM	20	
16662	ÇEDAR ELM	14	
	CEDAR ELM	15	
	CEDAR ELM	11	
	CEDAR ELM	14	
	CEDAR ELIVI	14	
	CEDAR ELM	8	
	CEDAR ELM	9	
	CEDAR ELM	13	
19373	CEDAR ELM	12	
19374	CEDAR ELM	13	
19375	CEDAR ELM	11	
19376	CEDAR ELM	9	
19377	CEDAR ELM	29	
	CEDAR ELM	16	
	CEDAR ELM	9	
	CEDAR ELM	12	
	CEDAR ELM	13	
	CEDAR ELM	13	
	CEDAR ELM	12	FILE NUMBER APPLICATION DATE APPROVED BY COMMISSION ON, 2022.
19384	CEDAR ELM	11	EXPIRATION DATE (LDC 25-4-62)
19385	CEDAR	9	CASE MANAGER:
19386	CEDAR ELM	12	
19387	CEDAR ELM	10	Denise Lucas, Director, Development Services Department
	CEDAR ELM	14	Final plat must be recorded by the Project Expiration Date, if applicable. Subse
	CEDAR ELM	8	which do not comply with the Code current at the time of filing, and all required Permits and/or a notice of construction (if a building permit is not required), mu
	CEDAR ELM	9	approved prior to the Project Expiration Date.
	MESQUITE	14	
	CEDAR ELM	9	BENCHMARKS
			DATUM IC NAVO IOG LICINO CECID 40A DACE
	CEDAR ELM	13	OBSERVATIONS.
14656	CEDAR ELM	9	DM WAGA INVESTIGATION TO PROPERTY OF THE PROPE

Final plat must be recorded by the Project Expiration Date, if applicable. Subsequent Site Plans which do not comply with the Code current at the time of filing, and all required Building Permits and/or a notice of construction (if a building permit is not required), must also be approved prior to the Project Expiration Date.

THE PINNACLE AT
WILDHORSE RANCH
CITY OF AUSTIN
TRAVIS COUNTY, TEXAS

DATUM IS NAVD '88, USING GEOID 12A, BASED ON GPS OBSERVATIONS.

BM #101 "X" CUT ON THE HIGH TRANSMISSION POWER POLE BASE.
ELEV.= 554.100'

BM #27 "X" CUT ON HIGH TRANSMISSION POWER POLE BASE.
ELEV.= 640.400

SHEET NUMBER EX

C8-2021-0152.PA

