## ZONING AND PLATTING COMMISSION HILL COUNTRY ROADWAY SITE PLAN REVIEW SHEET

<u>CASE NUMBER</u>: SPC-2021-0195C <u>ZAP DATE</u>: March 21, 2023

**PROJECT NAME:** Kaalo Studio

**ADDRESS:** 7901 FM 2222 Road

**AREA:** 4.724 acres

**APPLICANT:** Rajib Adhikary

13821 Flat Top Ranch Rd

Austin, TX 78732 (805) 630-8267

**AGENT:** MWM Design Group, Shari Pape

305 East Huntland Drive Austin, Texas 78752 (512) 689-3289

COUNCIL DISTRICT: 10

WATERSHED: West Bull Creek

(Watersupply Suburban, DWPZ)

**WATERSHED ORDINANCE:** Comprehensive Watershed Ordinance

T.I.A.: N/A CAPITOL VIEW: N/A

### PROPOSED DEVELOPMENT:

The applicant requests approval of a Hill Country Roadway Site Plan to construct a multifamily residential/office use development.

### **VARIANCE REQUESTS:**

- 1) Request to vary from LDC 25-8-301 to allow driveway on slope over 15 percent. EV Commission recommended on 2/15/23. EV Staff recommends this request. (see attached backup for EV Commission materials)
- 2) Request to vary from LDC 25-2-1123(B), a pier and beam foundation is required. The pier and beam foundation cannot be covered by a wall unless the wall is necessary to screen mechanical equipment. The proposed structure is located uphill of slopes greater than 15%.

### **ZONING:**

The site is zoned LO-MU-CO in the Limited Purpose Jurisdiction. Residential use is a permitted use with the MU in the zoning string. The site is subject to compatibility and complies with all setback, height limitations, and lighting requirements. The site is located within the Moderate Intensity Zone of FM 2222. The site plan requires approval by a Land Use Commission due to being within the Hill Country Overlay.

SPC-2021-0195C Kaalo Studio Page 2

## <u>SUMMARY STAFF RECOMMENDATION FOR HCRC SITE PLAN WITH VARIANCES:</u>

Staff recommends approval of this Hill Country Roadway site plan and the two variances. The site plan complies with all applicable requirements of the Land Development Code and the zoning ordinance. All administrative requirements will be met prior to site plan release and all fees/fiscal will be posted prior to permit issuance.

CASE MANAGER: Rosemary Avila, 512-974-2784

Rosemary.avila@austintexas.gov

PROJECT INFORMATION:

**PROJECT INFORMATION**: 4.724 acres **EXIST. ZONING:** LO-MU-CO

**PROPOSED BLDG. CVRG:** 4.3%

**PROPOSED IMPERVIOUS CVRG: 13.4%** 

REQUIRED PARKING: 38 PROVIDED PARKING: 45 PROPOSED ACCESS: FM 222

### **SUMMARY COMMENTS ON SITE PLAN:**

LAND USE: This request is for approval of a Hill Country Roadway site plan. This site is located within the Moderate Intensity Zone of FM 2222. The site plan proposes construction of a multi-use development (multi-family and office use).

**ENVIRONMENTAL**: This site is in the Drinking Water Protection Zone, in the West Bull Creek Watersheds which is classified as Watersupply Suburban.

**TRANSPORTATION**: All comments are cleared.

### **SURROUNDING CONDITIONS (ZONING/LAND USE):**

North: SF-2 (residential)

South: RR (residential) and NO (office)

West: RR(residential)
East: ROW- FM 2222 RD

### NEIGHBORHOOD ORGANIZATION:

2222 Coalition of Neighborhood Associations, Inc.

Austin Lost and Found Pets Bull Creek Foundation Canyon Creek H.O.A.

Friends of Austin Neighborhoods Glenlake Neighborhood Association

Lake Austin Collective

Long Canyon Homeowners Assn.

Long Canyon Phase II and LLL Homeowners Assn

Inc.

River Place HOA

Sierra Club, Austin Regional Group Steiner Ranch Community Association

TNR BCP – Travis County Natural Resources

Westminster Glen HOA



### **ENVIRONMENTAL COMMISSION MOTION 20230215-003**

Date: February 15, 2023

Subject: Kaalo Studio, SPC- 2021-0195C

Motion by: Jennifer Bristol Seconded by: Kevin Ramberg

WHEREAS, the Environmental Commission recognizes the applicant is requesting variance from LDC 25-8-

301 to allow driveway on slope over 15%; and

WHEREAS, the Environmental Commission recognizes the site is within the West Bull Creek, Water Supply Suburban Classification, Desired Development Zone; and

WHEREAS, the Environmental Commission recognizes that staff recommends the variance request with conditions.

**THEREFORE**, the Environmental Commission recommends the variance request with the following: **following:** 

### **Staff Conditions:**

- 1. Increase the amount of planting around the ADA walkway for screening.
- 2. Provide planting on the side of driveway that will prevent soil erosion.
- 3. Provide pollinator plants.
- 4. ADA Elevated walkway.

### **Environmental Commission Conditions:**

- 1. Utilize dark sky lighting throughout the project
- 2. Utilize native plants to support pollinators and wildlife
- 3. Install three or more EV charging stations
- 4. Increase planting of native plants across the disturbed area by 10% or what is practical
- 5. Leave mature Ashe junipers and live oaks to support golden-cheeked warblers and black-capped vireo
- 6. Secure the area west of the limits of construction in a restrictive covenant or similar limit to development to the maximum extent practicable

### **VOTE: 9-0**

For: Ramberg, Bedford, Bristol, Aguirre, Barrett Bixler, Brimer, Qureshi, Scott, Schiera

Abstain: None Recuse: None

Absent: Nickells and Thompson

KEVW RAMBOLLY

Approved By:

Kevin Ramberg, Environmental Commission Chair



### **ENVIRONMENTAL COMMISSION VARIANCE APPLICATION FORM**

PROJECT DESCRIPTION	
<b>Applicant Contact Inform</b>	mation
Name of Applicant	Shari Pape
Street Address	305 East Huntland Drive, Suite 200
City State ZIP Code	Austin, Texas 78752
Work Phone	512-689-3289
E-Mail Address	sharip@mwmdesigngroup.com
Variance Case Informati	ion
Case Name	Kaalo Studio
Case Number	SPC-2021-0195C
Address or Location	7901 RM 2222 – Austin, TX 78730
Environmental Reviewer Name	Enrique Maiz-Torres
Environmental Resource Management Reviewer Name	
Applicable Ordinance	LDC 25.8.301.A
Watershed Name	West Bull Creek
Watershed Classification	□ Urban □ Suburban ☑ Water Supply Suburban □ Water Supply Rural □ Barton Springs Zone

Edwards Aquifer Rech Zone	arge	☐ Barton Springs Segment ☑ Not in Edwards Aquifer Zones	☐ Northern Edwards Segment	
Edwards Aquifer Contributing Zone		□ Yes 🗵 No		
Distance to Nearest Classified Waterway		Approx. 515Ft +/- from West Bull	Creek	
Water and Waste Wat service to be provided		City of Austin - Austin Water		
Request		The variance request is as follows (0	Cite code references:	
Impervious cover		Existing	Proposed	
square footage:		1,312	73,335	
acreage:	0.03		1.68	
percentage:	<1%		35.7%	
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)	The property is traditional of the Hill Coursloping tract of land raising up from the roof 652, to the highest point of 766. The roovered with natural vegetation except follength of the land and back as well as a There are no critical environmental featus small portion of the northeastern corner I This flooodplain area is also within the C remaining land lies within the WQTZ. The property, most of which are to remain as of the land in general. Extensive coordin Arborist to ensure the maximum amount A small portion of the site which is centraflattest portions of the property is where eactivity.		majority of the 4.72 AC lot is or a vehicular path that runs the small single family dwelling. Ites known on this lot, and only a lies within the 100yr floodplain. WQZ and the majority of the nere are numerous trees on the existing and untouched like much nation has occurred with the City of tree preservation is achieved.	

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

LDC 25.8.301.A - Due to existing topography there is no location along the frontage that provides access with slopes less than 15%. Also, due to the central location of the proposed building, it was in the best interest of the Hill Country Roadway preservation requirements that the driveway have a direct line from ROW to the parking. The resulting driveway is proposed below 15% slope.

### **FINDINGS OF FACT**

As required in LDC Section 25-8-41, 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.

Kaalo Studio Project:

LDC 25.8.301.A Ordinance:

- Α. 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 X No

The applicant is not able to develop on the site without a variance to this code section.

- 2. The variance:
  - Is not necessitated by the scale, layout, construction method, or other design a) decision made by the applicant, unless the design decision provides greater overall environmental protection than is achievable without the variance;
  - The driveway design is unrelated to the scale, layout, construction method, Yes / or any other design decision, but rather is the minimum necessary to develop on the site.
  - b) Is the minimum deviation from the code requirement necessary to allow a reasonable use of the property;

- Yes)No The proposed driveway is the minimum length permissible to cross the buffer required by the Hill Country Roadway criteria.
- c) Does not create a significant probability of harmful environmental consequences.
- Yes No The proposed driveway does not impact any known CEFs or environmental buffers.
- 3. Development with the variance will result in water quality that is at least equal to the water quality achievable without the variance.
  - Yes) No The stormwater runoff from the proposed driveway will be treated in accordance with the ECM 1.6.7.
- 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;
    - Yes / No [provide summary of justification for determination]
  - 2. The requirement for which a variance is requested prevents a reasonable, economic use of the entire property;
    - Yes / No [provide summary of justification for determination]
  - 3. The variance is the minimum deviation from the code requirement necessary to allow a reasonable, economic use of the entire property.
    - Yes / No [provide summary of justification for determination]

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

### **Exhibits for Commission Variance**

- Aerial photos of the site
- o Site photos
- Aerial photos of the vicinity
- o Context Map—A map illustrating the subject property in relation to developments in the vicinity to include nearby major streets and waterways
- o Topographic Map A topographic map is recommended if a significant grade change on the subject site exists or if there is a significant difference in grade in relation to adjacent properties.
- o For cut/fill variances, a plan sheet showing areas and depth of cut/fill with topographic elevations.
- o Site plan showing existing conditions if development exists currently on the property
- o Proposed Site Plan- full size electronic or at least legible 11x17 showing proposed development, include tree survey if required as part of site or subdivision plan
- Environmental Map A map that shows pertinent features including Floodplain, CWQZ, WQTZ, CEFs, Setbacks, Recharge Zone, etc.
- An Environmental Resource Inventory pursuant to ECM 1.3.0 (if required by 25-8-121)
- o Applicant's variance request letter





TBAE Firm Registration No. F-1452 TBPE Firm No. F-1416 TBPLS Firm Registration No. 10065600

December 15, 2022

Subject: Environmental Department, Variance Request Letter

Project Name: Kaalo Studio

MWM Project No: 864-01

To Enrique Maiz-Torres/Environmental Department,

This letter shall serve as a formal request to grant relief from the following design criteria requirements as they relate to the above referenced project as well as comments provided within the Site Plan Application Review Process:

## LDC Section 25.8.301.A – Construction of a Roadway or Driveway Design Criteria

- A person may not construct a roadway or driveway on a slope with a gradient of more than 15 percent unless the construction is necessary to provide primary access to:
  - o At least two contiguous acres with a gradient of 15 percent or less; or
  - o Building sites for at least five residential units.

### **REASON FOR REQUEST**

• The subject site consists of nearly 5 acres of total area, however there is only about 1 acre of relatively flat area to place the proposed improvements which is centrally located away from the road. The site is also subject to the Hill Country Roadway regulations, and to keep buffer zone disturbance to a minimum while gaining direct access to the buildable area, a driveway must be constructed on existing slopes of more than 15 percent. The proposed slope of the driveway reduces the existing conditions and is approximately 12.7%.

Sincerely, Brian Lee Wells, P.E. MWM DesignGroup







TBAE Firm Registration No. F-1452 TBPE Firm No. F-1416 TBPLS Firm Registration No. 10065600

December 15, 2022

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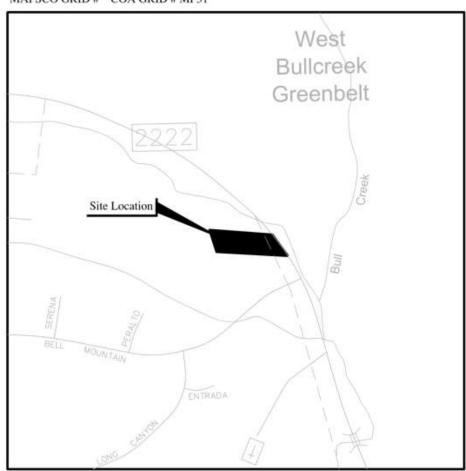
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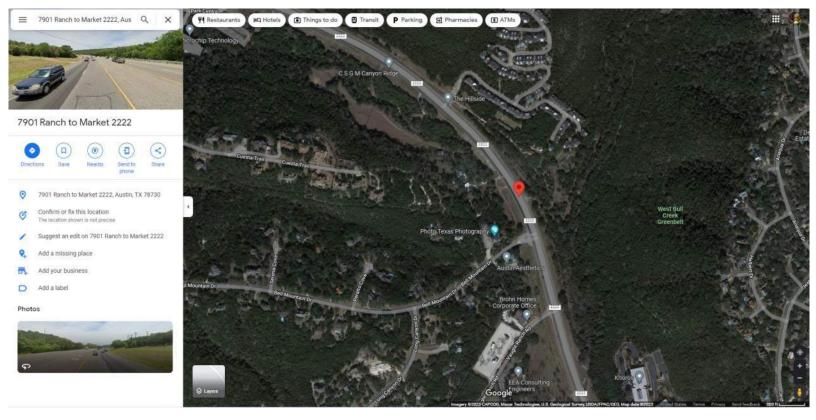
Sincerely, Brian Lee Wells, P.E. MWM DesignGroup

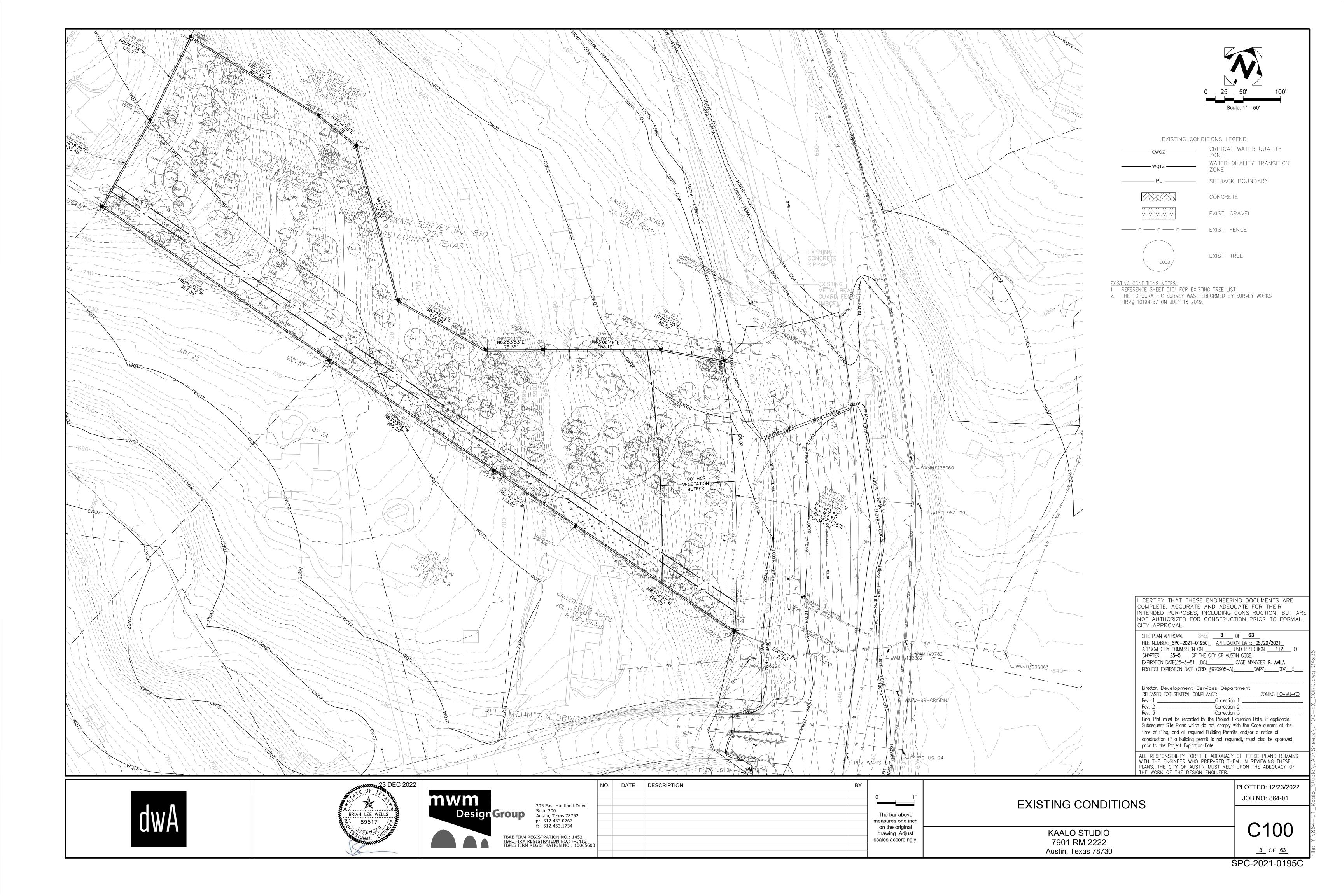


### MAPSCO GRID # COA GRID # MF31

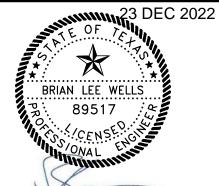


LOCATION MAP









3109 | 7" LIVE OAK





3164 9" CEDAR

3165 | 10" CEDAR

3167 8" CEDAR

3166 | 9" live oak 7 4



The bar above measures one inch on the original drawing. Adjust scales accordingly.

KAALO STUDIO 7901 RM 2222 Austin, Texas 78730

JOB NO: 864-01

TREE LIST

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF AUSTIN MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER. PLOTTED: 12/23/2022

Director, Development Services Department \_\_\_Correction 1 \_\_Correction 2 \_\_Correction 3

Final Plat must be recorded by the Project Expiration Date, if applicable.

time of filing, and all required Building Permits and/or a notice of

prior to the Project Expiration Date.

Subsequent Site Plans which do not comply with the Code current at the

construction (if a building permit is not required), must also be approved

PROJECT EXPIRATION DATE (ORD. #970905-A)\_\_\_\_\_DWPZ\_\_\_\_DDZ\_\_X\_\_ RELEASED FOR GENERAL COMPLIANCE: ZONING LO-MU-CO

FILE NUMBER: SPC-2021-0195C APPLICATION DATE: 05/20/2021 APPROVED BY COMMISSION ON \_\_\_\_\_ UNDER SECTION \_\_\_\_\_\_ OF CHAPTER <u>25-5</u> OF THE CITY OF AUSTIN CODE. EXPIRATION DATE(25-5-81, LDC)\_\_\_\_\_ CASE MANAGER R. AVILA

CITY APPROVAL. SITE PLAN APPROVAL SHEET 4 OF 63

CERTIFY THAT THESE ENGINEERING DOCUMENTS ARE COMPLETE, ACCURATE AND ADEQUATE FOR THEIR INTENDED PURPOSES, INCLUDING CONSTRUCTION, BUT ARE NOT AUTHORIZED FOR CONSTRUCTION PRIOR TO FORMAL

TREE LIST NOTES: 1. THE TREE SURVEY WAS PERFORMED BY SURVEY WORKS FIRM# 10194157 ON JULY 18 2019. 2. SEE LANDSCAPE PLAN FOR TREE

REMOVAL AND MITIGATION.

3280 | 10" CEDAR 3281 | 11" CEDAR 3282 | 6" LIVE OAK 3283 | 13" CEDAR 8 3284 9" LIVE OAK 3285 | 9" CEDAR 3286 | 7" LIVE OAK 3287 | 9" CEDAR 3288 | 8" CEDAR NOS 3289 | 11" CEDAR 3290 | 12" CEDAR 3291 | 11" LIVE OAK 3292 | 9" LIVE OAK 3293 | 9" CEDAR 3294 | 19" CEDAR 10 9 8 3295 | 9" LIVE OAK 6 5 3296 | 7" LIVE OAK 3297 | 19.5" JUNIPER 3298 | 16" CEDAR 3299 | 10" CEDAR 3300 | 8" LIVE OAK 3301 | 10" CEDAR C7 | CLUSTER/X5 LO 3-7 IN 3303 8" CEDAR 3304 7" LIVE OAK 3305 | 8" LIVE OAK 3306 | 6" LIVE OAK 3307 | 7" LIVE OAK C6 | CLUSTER/X6 LO 4-7 IN 3309 | 12" LIVE OAK 3310 | 12" LIVE OAK 3311 | 13" CEDAR 3312 7" LIVE OAK 3313 9" CEDAR 3314 | 10" CEDAR 3315 | 10" CEDAR 3316 8" CEDAR 3317 9" CEDAR 3318 | 10" LIVE OAK 3319 10" CEDAR 3320 9" CEDAR 3321 8" CEDAR 3322 | 12" CEDAR 3323 | 14" CEDAR 9 9 3324 10" CEDAR 3325 6" LIVE OAK 3326 8" CEDAR 3327 9" CEDAR

TREE TABLE

C5 | CLUSTER/3 LO 2-3 IN

DESCRIPTION

TREE #

3278 | 9" CEDAR

3333	8" CEDAR
3334	12" CEDAR 8 8
3335	9" CEDAR
3336	18" CEDAR 10 8 8
3337	10" CEDAR
3338	8" CEDAR
3339	7" LIVE OAK
3340	8" CEDAR
3341	9" CEDAR
3342	8" CEDAR
3343	12" CEDAR 8 8
3344	11" CEDAR
3345	8" CEDAR
3346	10" CEDAR
3347	10" CEDAR
3348	8" CEDAR
3349	7" LIVE OAK
3350	8" CEDAR
3351	10" LIVE OAK
3352	7" LIVE OAK
3353	9" LIVE OAK
3354	10" LIVE OAK
3355	9" LIVE OAK
3356	8" CEDAR
3357	14" CEDAR
3358	11" CEDAR
3359	8" CEDAR
3360	11" CEDAR
3361	8" CEDAR
3360	Q" CEDAD

TREE TABLE

TREE # | DESCRIPTION

	0 0287		
3357	14" CEDAR		
3358	11" CEDAR		
3359	8" CEDAR		
3360	11" CEDAR		
3361	8" CEDAR		
3362	8" CEDAR		
*3363	8" CEDAR		
-H DESIGNATES HERITAGE TREE  * DESIGNATES TREES TO BE REMOVED			

3001 | 14" HACKBERRY 10 8 3002 | 11" CEDAR ELM 3003 | 16" LIVE OAK 11 10 3004 | 11" CEDAR ELM 3005 | 9" LIVE OAK 3006 | 9" LIVE OAK 3007 | 9" LIVE OAK 3008 | 10" LIVE OAK 7 6 3009 | 11" LIVE OAK 8 6 3010 | 23.5" JUNIPER 3011 | 8" LIVE OAK C2 | CLUSTER/4LO 5-11 3013 | 11" LIVE OAK 3014 | 8" LIVE OAK 3015 | 8" LIVE OAK 3016 | 7" CEDAR ELM 3017 | 8" LIVE OAK 3018 | 10" CEDAR ELM 3019 | 9" CEDAR ELM 3020 | 15" LIVE OAK 3021 | 11" LIVE OAK C1 | CLUSTER/4CE3-4 3023 | 8" CEDAR ELM 3024 | 16" CEDAR 3025 | 12" LIVE OAK 3026 | 15" CEDAR 10 10 \*3027 | 10" CEDAR 7 6 \*3028 | 8" CEDAR 3029 | 13" CEDAR 7 6 6 3030 | 22" JUNIPER 9 9 9 8 3031 16" CEDAR 9 8 5 3032 | 10" CEDAR ELM 3033 7" CEDAR 3034 | 13" CEDAR 9 7 3035 7" CEDAR 3036 9" CEDAR 6 6 3037 | 10" CEDAR 7 5 \*3038 9" CEDAR 6 5 \*3039 | 19" CEDAR 7 6 5 5 4 4 \*3040 | 11" CEDAR 8 6 \*3041 | 10" CEDAR 7 6 3042 | 16" CEDAR 11 9 3043 9" CEDAR 3044 | 13" LIVE OAK 3045 | 7" LIVE OAK 3046 | 8" LIVE OAK 3047 | 8" LIVE OAK \*3048 | 14" CEDAR 10 7 \*3049 | 11" CEDAR 7 7 \*3050 | 10" CEDAR \*3051 8" CEDAR \*3052 8" CEDAR \*3053 | 16" LIVE OAK

\*3054 | 11" CEDAR

TREE TABLE

DESCRIPTION

TREE # |

3000 | 7" LIVE OAK

TREE TABLE TREE # | DESCRIPTION \*3055 | 13" CEDAR 8 5 4 \*3056 | 9" CEDAR \*3057 | 9" LIVE OAK \*3058 | 9" LIVE OAK \*3059 | 8" LIVE OAK \*3060 | 9" LIVE OAK \*3061 | 12" CEDAR \*3062 | 12" CEDAR \*3063 | 10" LIVE OAK \*3064 | 8" LIVE OAK \*3065 | 7" LIVE OAK \*3066 | 6" LIVE OAK \*3067 | 12" CEDAR \*3068 | 17" CEDAR \*3069 | 11" CEDAR \*3070 | 6" CEDAR \*3071 | 14" CEDAR 10 8 \*3072 | 7" CEDAR \*3073 | 9" CEDAR \*3074 | 10" CEDAR \*3075 | 13" LIVE OAK \*3076 | 13" CEDAR \*3077 | 13" LIVE OAK 9 8 \*3078 | 16" CEDAR 3079 | 11" LIVE OAK 3080 | 16" LIVE OAK 11 9 3081 | 15" RED OAK 10 10 3082-H | 24" LIVE OAK \*3083 | 22" LIVE OAK 15 12 \*3084 | 21" LIVE OAK 16 13 \*3085 | 8" LIVE OAK \*3086 | 13" LIVE OAK 9 7 \*3087 | 11" LIVE OAK \*3088 | 8" LIVE OAK \*3089 | 13" CEDAR \*3090 | 11" CEDAR \*3091 | 9" CEDAR \*3092 | 8" CEDAR \*3093 | 9" CEDAR \*3094 | 9" CEDAR \*3095 | 9" LIVE OAK \*3096 | 13" LIVE OAK 10 6 \*3097 | 12" LIVE OAK 8 7 \*3098 | 9" LIVE OAK \*3099 | 10" CEDAR \*3100 | 9" CEDAR \*3101 | 12" CEDAR \*3102 | 13" CEDAR \*3103 | 12" CEDAR \*3104 9" CEDAR \*3105 | 10" CEDAR \*3106 | 9" CEDAR 3107 | 17" LIVE OAK 11 11 3108 | 22" LIVE OAK 15 14

TREE TABLE TREE # | DESCRIPTION TREE # 3110 | 12" CEDAR 3111 | 8" CEDAR 3112 | 11" CEDAR 3113 | 10" CEDAR 3114 | 18" LIVE OAK 3115 | 15" LIVE OAK 3116 | 9" LIVE OAK 3117 | 9" CEDAR NOS 3118 | 15" LIVE OAK 3119 | 10" CEDAR 3120 | 9" CEDAR 3121 | 9" CEDAR 3122 | 10" LIVE OAK 7 5 3123 | 16" CEDAR 11 9 3124 8" CEDAR 3125 | 11" CEDAR 3126 | 10" CEDAR 3127 | 18" CEDAR 14 8 3128 | 13" CEDAR 9 8 3129 | 8" CEDAR 3130 | 8" LIVE OAK 3131 | 9" CEDAR 3135 | 12" CEDAR NOS 3136 | 6" LIVE OAK 3137 | 12" LIVE OAK 8 7 3138 | 14" LIVE OAK 3139 7" LIVE OAK 3140 9" CEDAR 3141 | 11" CEDAR 3196 | 10" LIVE OAK 3142 | 6" LIVE OAK 3197 | 9" CEDAR 3143 | 14" CEDAR 3198 | 11" CEDAR 3199 10" CEDAR 3144 | 13" CEDAR \*3145 | 27" JUNIPER 3200 | 10" CEDAR 3146 | 10" CEDAR 3201 | 15" CEDAR 11 7 3147 | 12" CEDAR 3202 | 12" CEDAR 3148 10" CEDAR 3203 | 11" CEDAR 3149 | 16" LIVE OAK 3204 | 12" LIVE OAK 8 7 3205 | 15" CEDAR 11 9 3150 | 19" LIVE OAK 13 1 3151 | 11" CEDAR 3206 | 10" CEDAR 3152 | 17" LIVE OAK 3207 9" CEDAR 3153 | 10" CEDAR 3208 7" LIVE OAK 3154 9" CEDAR 3155 8" CEDAR 3156 9" CEDAR 3157 | 10" CEDAR 3158 9" CEDAR 3159 | 8" LIVE OAK 3160 | 12" LIVE OAK 3161 8" CEDAR 3162 9" CEDAR 3163 9" CEDAR

TREE TABLE DESCRIPTION 3168 | 6" LIVE OAK 3169 | 9" LIVE OAK 3170 | 7" LIVE OAK 3171 | 10" CEDAR 3172 | 11" CEDAR 3173 | 14" LIVE OAK 10 8 3174 | 8" LIVE OAK 3175 | 6" LIVE OAK NOS 3176 | 8" LIVE OAK NOS 3177 | 6" LIVE OAK 3178 | 10" LIVE OAK 7 6 3179 | 11" CEDAR 3180 | 13" RED OAK 3181 | 14" LIVE OAK 3182 | 9" CEDAR 3183 | 11" CEDAR 3184 | 8" CEDAR 3185 | 9" RED OAK 3186 | 17" RED OAK 9 8 7 NOS 3187 | 6" LIVE OAK 3188 10" CEDAR 3189 | 10" CEDAR 3190 | 9" CEDAR NOS 3191 | 10" CEDAR 3192 | 10" CEDAR 3193 | 8" CEDAR 3194 | 14" LIVE OAK 3195 9" CEDAR

TREE TABLE TREE # DESCRIPTION 3223 | 11" CEDAR 3224 | 17" CEDAR 3225 | 10" CEDAR 3226 | 11" CEDAR 3227 | 12" CEDAR 3228 | 7" LIVE OAK 3229 | 15" CEDAR 10 9 3230 | 8" CEDAR 3231 | 8" CEDAR 3232 | 10" CEDAR 3233 | 11" LIVE OAK 8 5 3234 | 7" LIVE OAK 3235 | 7" LIVE OAK 3236 | 10" CEDAR 3237 | 11" CEDAR 3238 9" CEDAR

3239 | 12" CEDAR 9 6

3240 | 9" CEDAR 6 5

3242 | 6" LIVE OAK

3243 | 8" CEDAR

3244 | 8" CEDAR

3245 | 10" CEDAR

3246 | 8" CEDAR

3247 | 6" LIVE OAK

3248 | 6" LIVE OAK

3250 8" CEDAR MULTI

3251 | 10" LIVE OAK

3252 | 11" CEDAR

3253 | 8" LIVE OAK

3254 | 16" CEDAR

3255 | 12" CEDAR

3257 | 11" LIVE OAK

3258 | 10" LIVE OAK

3259 | 8" CEDAR

3260 | 11" CEDAR

3261 | 11" CEDAR

3262 | 8" LIVE OAK

3263 | 11" LIVE OAK

3256 | 18" LIVE OAK 14 7

C3 | CLUSTER / 5 LO 4-5 IN

C4 | CLUSTER /LO X5 AT 2-5 IN

3264 9" CEDAR MULTI 3267 | 10" LIVE OAK

3265 9" CEDAR 3266 | 8" LIVE OAK 3268 9" LIVE OAK 3269 | 13" LIVE OAK 3270 | 11" LIVE OAK

3215 | 10" CEDAR 3216 8" CEDAR 3217 | 10" CEDAR 3218 | 10" CEDAR

3219 | 13" LIVE OAK 7 6 5 3220 9" CEDAR 3221 9" CEDAR NOS

3213 8" CEDAR 3214 | 11" CEDAR

3211 9" CEDAR 3212 8" CEDAR

3209 8" LIVE OAK 6 4 3210 | 12" LIVE OAK

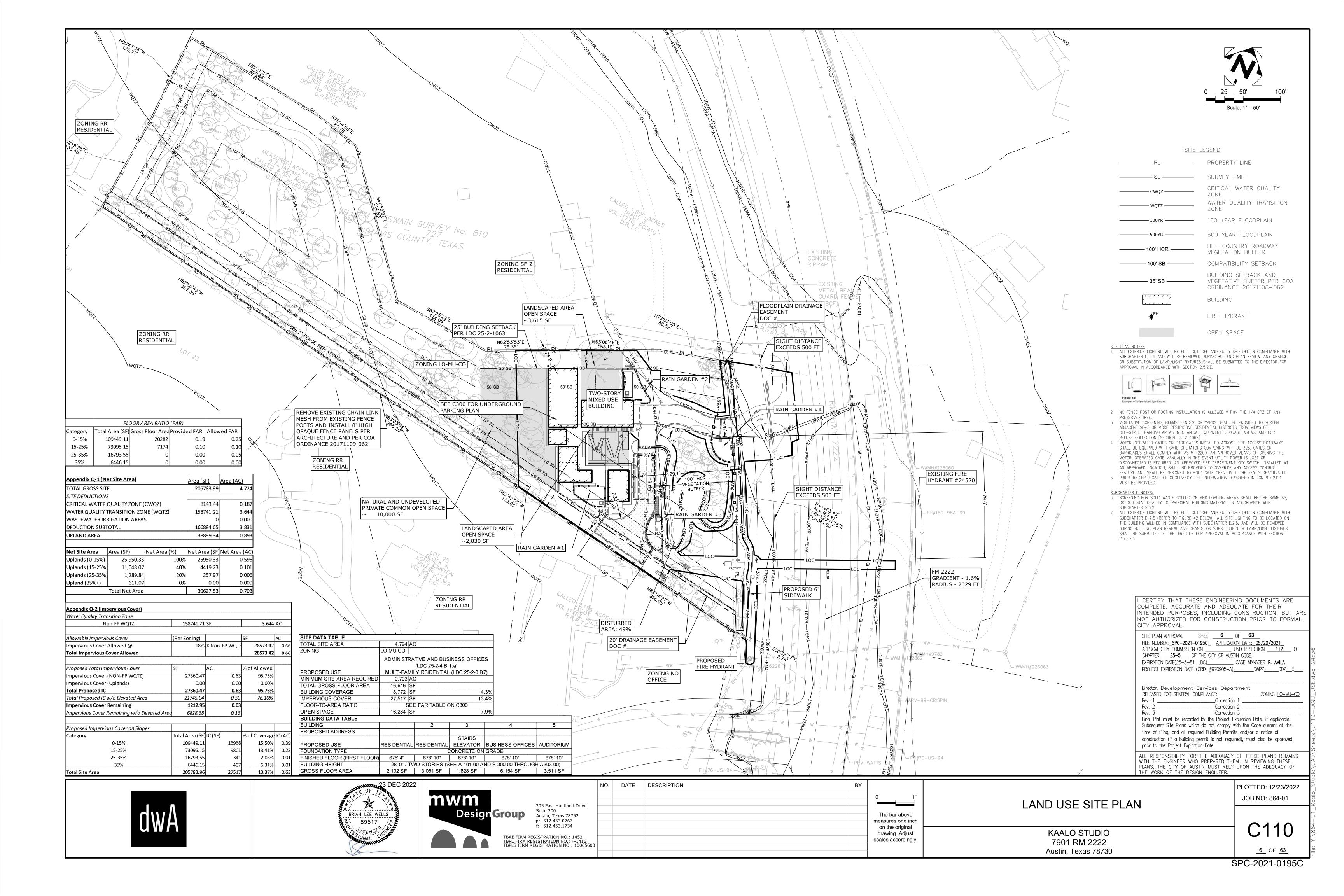
3271 8" SPANISH OAK 3272 9" CEDAR 3273 | 9" LIVE OAK 3274 | 12" CEDAR 3275 7" LIVE OAK 3276 | 6" LIVE OAK 3222 8" CEDAR 3277 | 10" CEDAR

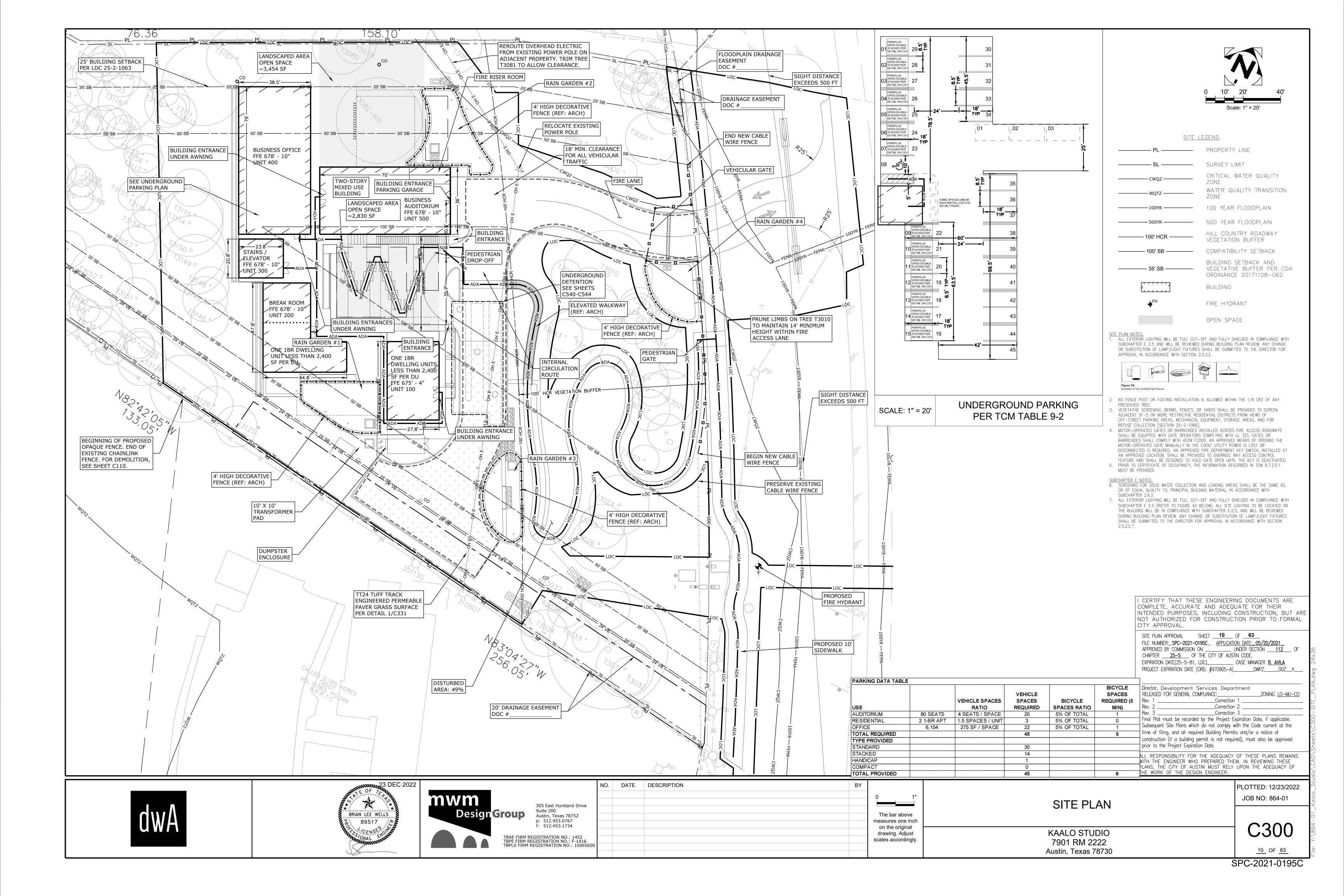
3329 9" CEDAR 3330 | 6" LIVE OAK 3331 9" LIVE OAK 3332 | 16" CEDAR 11 9

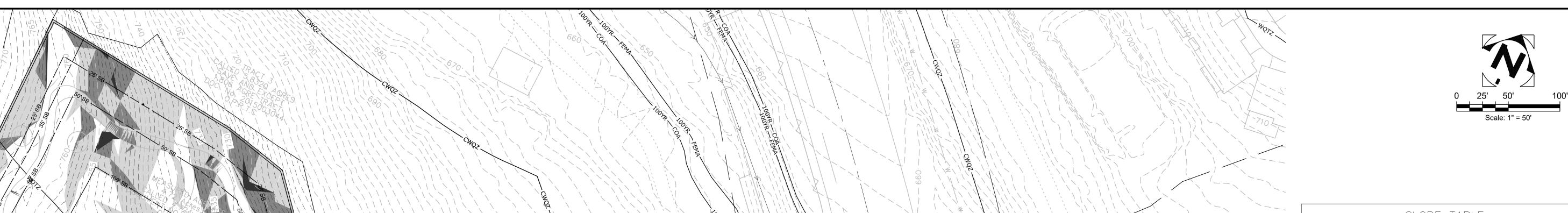
3328 9" CEDAR

C101

<u>4</u> OF <u>63</u> SPC-2021-0195C







MANMADE ROCK AND DEBRIS PILE

	SLOPE TABLE				
RANGE	MINIMUM SLOPE	MAXIMUM SLOPE	AREA (SF)	COLOR	
1	0.00%	15.00%	109449.10		
2	15.00%	25.00%	73094.94		
3	25.00%	35.00%	16793.55		
4	35.00%		6446.15		

I CERTIFY THAT THESE ENGINEERING DOCUMENTS ARE COMPLETE, ACCURATE AND ADEQUATE FOR THEIR INTENDED PURPOSES, INCLUDING CONSTRUCTION, BUT ARE NOT AUTHORIZED FOR CONSTRUCTION PRIOR TO FORMAL CITY APPROVAL.

SITE PLAN APPROVAL SHEET \_\_\_5 OF \_\_62

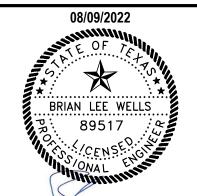
FILE NUMBER:\_SPC-2021-0195C \_\_ APPLICATION DATE:\_05/20/2021\_
APPROVED BY COMMISSION ON \_\_\_\_ UNDER SECTION \_\_\_122 OF CHAPTER \_\_\_25-C OF THE CITY OF AUSTIN CODE.

EXPIRATION DATE(25-5-81, LDC) \_\_\_\_ CASE MANAGER Robert Anderson PROJECT EXPIRATION DATE (ORD. #970905-A) \_\_\_\_ DWPZ \_\_\_\_DDZ\_\_X\_\_\_

Director, Development Services Department
RELEASED FOR GENERAL COMPLIANCE: \_\_\_\_\_\_ZONING\_\_AV\_\_\_
Rev. 1 \_\_\_\_\_\_Correction 1 \_\_\_\_\_\_
Rev. 2 \_\_\_\_\_\_Correction 2 \_\_\_\_\_\_
Rev. 3 \_\_\_\_\_\_Correction 3 \_\_\_\_\_

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

dwA





305 East Huntland Drive
Suite 200
Austin, Texas 78752
p: 512.453.0767
f: 512.453.1734

TBAE FIRM REGISTRATION NO.: 1452
TBPE FIRM REGISTRATION NO.: F-1416
TBPLS FIRM REGISTRATION NO.: 10065600

NO. DATE DESCRIPTION

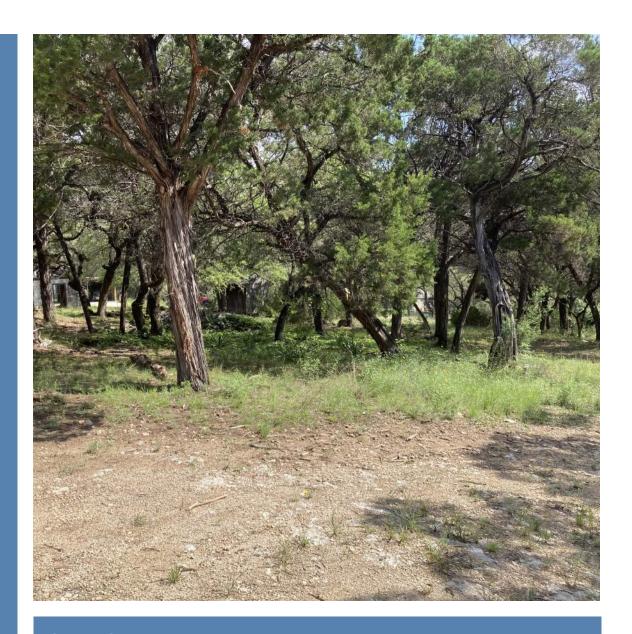
The bar above measures one inch on the original drawing. Adjust scales accordingly.

SLOPE MAP

KAALO STUDIO 7901 RM 2222 Austin, Texas 78730 PLOTTED: 8/9/2022 JOB NO: 864-01

C102

SPC-2021-0195C



# HICKS & COMPANY

ENVIRONMENTAL
ARCHEOLOGICAL
AND PLANNING
CONSULTANTS

City of Austin Environmental Resource Inventory Kaalo Studios, 7901 RR 2222, Austin, Texas 78730

**Travis County, Texas November 2021** 

Case No.:	
(City use only)	

Environmental Resource Inventory

For the City of Austin
Related to LDC 25-8-121, City Code 30-5-121, ECM 1.3.0 & 1.10.0

The ERI is required for projects that meet one or more of the criteria listed in LDC 25-8-121(A), City Code 30-5-121(A).

1.	SITE/PROJECT NAME: Kaalo Studio
2.	COUNTY APPRAISAL DISTRICT PROPERTY ID (#'s): TCAD Parcel 142039
3.	ADDRESS/LOCATION OF PROJECT: 7901 RM 2222, Austin, Travis County, Texas
4.	WATERSHED: West Bull Creek
5.	THIS SITE IS WITHIN THE (Check all that apply)  Edwards Aquifer Recharge Zone* (See note below)
	Note: If the property is over the Edwards Aquifer Recharge zone, the Hydrogeologic Report and karst surveys must be completed and signed by a Professional Geoscientist Licensed in the State of Texas.
6.	DOES THIS PROJECT PROPOSE FLOODPLAIN MODIFICATION?
	** If yes, then a functional assessment must be completed and attached to the ERI (see ECM 1.7 and Appendix X for forms and guidance) unless conditions 1 or 3 above apply.
7.	IF THE SITE IS WITHIN AN URBAN OR SUBURBAN WATERSHED, DOES THIS PROJECT PROPOSE A UTILITY LINE PARALLEL TO AND WITHIN THE CRITICAL WATER QUALITY ZONE?
	***If yes, then riparian restoration is required by LDC 25-8-261(E) or City Code 30-5-261(E) and a functional assessment must be completed and attached to the ERI (see ECM1.5 and Appendix X for forms and guidance).
8.	There is a total of <u>0</u> (#'s) Critical Environmental Feature(s)(CEFs) on or within150 feet of the project site. If CEF(s) are present, attach a detailed <b>DESCRIPTION</b> of the CEF(s), color <b>PHOTOGRAPHS</b> , the <b>CEF WORKSHEET</b> and provide <b>DESCRIPTIONS</b> of the proposed CEF buffer(s) and/or wetland mitigation. Provide the number of each type of CEFs on or within 150 feet of the site ( <i>Please provide the number of CEFs</i> ):

0	_ (#'s) Spring(s)/Seep(s)	0	_(#'s) Point Recharge Feature(s)	0	_(#'s) Bluff(s)
0	_ (#'s) Canyon Rimrock(s)	0	_ (#'s) Wetland(s)		

Note: Standard buffers for CEFs are 150 feet, with a maximum of 300 feet for point recharge features. Except for wetlands, if the standard buffer is <u>not provided</u>, you must provide a written request for an administrative variance from LDC 25-8-281(C)(1) and provide written findings of fact to support your request. Request forms for administrative variances from requirements stated in LDC 25-8-281 are available from Watershed Protection Department.

9. The following site maps are attached at the end of this report (Check all that apply and provide):

### All ERI reports must include:

- Site Specific Geologic Map with 2-ft Topography
- Historic Aerial Photo of the Site
- Site Soil Map
- □ Critical Environmental Features and Well Location Map on current Aerial Photo with 2-ft Topography No CEFs or Wells, so a map is not included.

### Only if present on site (Maps can be combined):

- ☐ Edwards Aquifer Recharge Zone with the 1500-ft Verification Zone (Only if site is over or within 1500 feet the recharge zone)
- □ Edwards Aquifer Contributing Zone
- **■** Water Quality Transition Zone (WQTZ)
- Critical Water Quality Zone (CWQZ)
- City of Austin Fully Developed Floodplains for all water courses with up to 64-acres of drainage
- 10. **HYDROGEOLOGIC REPORT –** Provide a description of site soils, topography, and site specific geology below (Attach additional sheets if needed):

**Surface Soils** on the project site is summarized in the table below and uses the SCS Hydrologic Soil Groups\*. If there is more than one soil unit on the project site, show each soil unit on the site soils map.

Soil Series Unit Names, Infiltration Characteristics & Thickness			
Soil Series Unit Name & Subgroup**	Group*	Thickness (feet)	
Brackett-Rock outcrop complex, 1 to 12 percent slopes (BID)	D	0.8 - 1.5	
Brackett-Rock outcrop-Real complex, 8 to 30 percent slopes (BoF)	D	0.8 - 1.5	
Volente silty clay loam, 1 to 8 percent slopes (VoD)	С	>6.5	

### \*Soil Hydrologic Groups Definitions (Abbreviated)

- A. Soils having a <u>high infiltration</u> rate when thoroughly wetted.
- B. Soils having a moderate infiltration rate when thoroughly wetted.
- C. Soils having a <u>slow infiltration</u> rate when thoroughly wetted.
- D. Soils having a <u>very slow</u> infiltration rate when thoroughly wetted.

\*\*Subgroup Classification – See <u>Classification of Soil Series</u> Table in County Soil Survey.

WPD ERM ERI-2014-01 Page 2 of 6

### **Description of Site Topography and Drainage** (Attach additional sheets if needed):

The parcel of land is steeply sloped downward towards Ranch to Market (RM) 2222 and a tributary to West Bull Creek, an urban watershed in west-central Austin, Travis County, Texas. West Bull Creek drains southeast, ending at its confluence with Bull Creek that drains to Lake Austin (Colorado River). The United States Geological Survey (USGS) 7.5 minute Quadrangle Map (Jollyville) shows West Bull Creek as an intermittent stream.

According to the City of Austin Property profile, elevations range from approximately 768 feet above sea level (asl) at the western property line to approximately 650 feet asl near the southeastern corner of the property (Figure 2). Overland flow on the property is west to east, towards West Bull Creek.

### List surface geologic units below:

Geologic Units Exposed at Surface				
Group	Formation	Member		
Trinity	Glen Rose	Upper		

### **Brief description of site geology** (Attach additional sheets if needed):

The property overlies the upper member of the Glen Rose Formation which is comprised of alternating beds of shale
and limestone with an approximate thickness of 350 to 400 feet. The shale, forming the slopes and valleys, is
typically light to dark-gray or tan, soft, and marly. The limestone beds comprised of tan, dense to fine-grained
dolomitic limestone are more resistant to erosion. This alternating sequence of soft and hard layers typically forms a
stepped or slope-terrace topography.

**Wells** – Identify all recorded and unrecorded wells on site (test holes, monitoring, water, oil, unplugged, capped and/or abandoned wells, etc.):

There are **0** (#) wells present on the project site and the locations are shown and labeled

- 0 (#'s)The wells are not in use and will be properly abandoned.
- 0 (#'s)The wells are in use and comply with 16 TAC Chapter 76.

There are <u>0</u> (#'s) wells that are off-site and within 150 feet of this site.

WPD ERM ERI-2014-01 Page 3 of 6

<ol> <li>THE VEGETATION REPORT – Provide</li> </ol>	the informa	tion requested below:
-----------------------------------------------------	-------------	-----------------------

to the attached vegetation description for pla	ant communities present on the property.	
There is weedland community on site	eYES □ NO (Chec	
f yes, list the dominant species belo	•	
r yee, not the definition opened belo	•••	
Woodla	nd species	
Common Name	Scientific Name	
Ashe juniper	Juniperus asheii	
Live oak	Quercus virginiana	
Wafer ash	Ptelea trifoliata	
Texas persimmon	Diospyros texana	
Yaupon holly	llex vomitoria	
There is grassland/prairie/savanna o	n site	
f yes, list the dominant species below	·	
Grassland/prairi	e/savanna species	
Common Name	Scientific Name	
King Ranch bluestem	Bothriochloa ischaemum	
Poison ivy	Toxicodendron radicans	
Twisted-leaf yucca	Yucca rupicola	

WPD ERM ERI-2014-01 Page 4 of 6

A tree survey of all trees with a diameter of at least eight inches measured four and one-half feet above natural grade level has been completed on the site.  YES \( \subseteq \text{NO (Check one)}. \)  WASTEWATER REPORT - Provide the information requested below.  Wastewater for the site will be treated by (Check of that Apply):  On-site system(s)  City of Austin Centralized sewage collection system  Other Centralized collection system  Note: All sites that receive water or wastewater service from the Austin Water Utility must comply with City Code Chapter 15-12 and wells must be registered with the City of Austin  The site sewage collection system is designed and will be constructed to in accordance to all State, County and City standard specifications.  YES \( \subseteq \text{NO (Check one)}. \)  Calculations of the size of the drainfield or wastewater irrigation area(s) are attached at the end of this report or shown on the site plan.  YES \( \subseteq \text{NO (Check one)}. \)  Wastewater lines are proposed within the Critical Water Quality Zone?  YES \( \subseteq \text{NO (Check one)}. \)  If yes, then provide justification below:	Hyd	rophytic plant species	
half feet above natural grade level has been completed on the site.  YES \( \) NO (Check one).  WASTEWATER REPORT - Provide the information requested below.  Wastewater for the site will be treated by (Check of that Apply):  On-site system(s)  City of Austin Centralized sewage collection system  Other Centralized collection system  Note: All sites that receive water or wastewater service from the Austin Water Utility must comply with City Code Chapter 15-12 and wells must be registered with the City of Austin  The site sewage collection system is designed and will be constructed to in accordance to all State, County and City standard specifications.  YES \( \) NO (Check one).  Calculations of the size of the drainfield or wastewater irrigation area(s) are attached at the end of this report or shown on the site plan.  YES \( \) NO \( \) Not Applicable (Check one).  Wastewater lines are proposed within the Critical Water Quality Zone?	Common Name	Scientific Name	Indicator
half feet above natural grade level has been completed on the site.  YES \( \) NO (Check one).  WASTEWATER REPORT - Provide the information requested below.  Wastewater for the site will be treated by (Check of that Apply):  On-site system(s)  City of Austin Centralized sewage collection system  Other Centralized collection system  Note: All sites that receive water or wastewater service from the Austin Water Utility must comply with City Code Chapter 15-12 and wells must be registered with the City of Austin  The site sewage collection system is designed and will be constructed to in accordance to all State, County and City standard specifications.  YES \( \) NO (Check one).  Calculations of the size of the drainfield or wastewater irrigation area(s) are attached a the end of this report or shown on the site plan.  YES \( \) NO \( \) Not Applicable (Check one).  Wastewater lines are proposed within the Critical Water Quality Zone?			
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<ul> <li>□ On-site system(s)</li> <li>■ City of Austin Centralized sewage collection system</li> <li>□ Other Centralized collection system</li> <li>Note: All sites that receive water or wastewater service from the Austin Water Utility must comply with City Code Chapter 15-12 and wells must be registered with the City of Austin</li> <li>The site sewage collection system is designed and will be constructed to in accordance to all State, County and City standard specifications.</li> <li>■YES □ NO (Check one).</li> <li>Calculations of the size of the drainfield or wastewater irrigation area(s) are attached at the end of this report or shown on the site plan.</li> <li>□YES □ NO ■ Not Applicable (Check one).</li> <li>Wastewater lines are proposed within the Critical Water Quality Zone?</li> </ul>		·	
Other Centralized collection system  Note: All sites that receive water or wastewater service from the Austin Water Utility must comply with City Code Chapter 15-12 and wells must be registered with the City of Austin  The site sewage collection system is designed and will be constructed to in accordance to all State, County and City standard specifications.  ■YES □ NO (Check one).  Calculations of the size of the drainfield or wastewater irrigation area(s) are attached at the end of this report or shown on the site plan.  □YES □ NO ■ Not Applicable (Check one).  Wastewater lines are proposed within the Critical Water Quality Zone?	_	ii be treated by (Check of that Apply).	•
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<ul> <li>City Code Chapter 15-12 and wells must be registered with the City of Austin</li> <li>The site sewage collection system is designed and will be constructed to in accordance to all State, County and City standard specifications.</li> <li>■YES □ NO (Check one).</li> <li>Calculations of the size of the drainfield or wastewater irrigation area(s) are attached at the end of this report or shown on the site plan.</li> <li>□YES □ NO ■ Not Applicable (Check one).</li> <li>Wastewater lines are proposed within the Critical Water Quality Zone?</li> </ul>		•	
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the end of this report or shown on the site plan.  YES NO Not Applicable (Check one).  Wastewater lines are proposed within the Critical Water Quality Zone?	all State, County and City		constructed to in accordance to
	the end of this report or sh	nown on the site plan.	igation area(s) are attached a
			•

WPD ERM ERI-2014-01 Page 5 of 6

Is the project site is over the Edwards Aquife ☐YES ■ NO (Check one).	r?
If yes, then describe the wastewater disposal level and effects on receiving watercourses of	al systems proposed for the site, its treatment or the Edwards Aquifer.
13. One (1) hard copy and one (1) electronic cop provided.	y of the completed assessment have been
Date(s) ERI Field Assessment was performed: May 2	27, 2021 Date(s)
My signature certifies that to the best of my knowlereflect all information requested.	edge, the responses on this form accurately
Patricia Frost	512-478-0858
Print Name	Telephone
The IT	pfrost@hicksenv.com
Signature	Email Address
Hicks & Company Environmental/Archeological Consultants	November 15, 2021
Name of Company	Date

For project sites within the Edwards Aquifer Recharge Zone, my signature and seal also certifies that I am a licensed Professional Geoscientist in the State of Texas as defined by ECM 1.12.3(A).

P.G. Seal

WPD ERM ERI-2014-01 Page 6 of 6

### Critical Environmental Features and Brief Description of Site Plant Communities

### **Brief Description of Site Plant Communities**

Vegetation communities on the site consist primarily of oak-juniper woodlands (**Photograph 1**). Canopy cover is approximately 80–90 percent. The trees range from approximately 3 to 24 inches diameter at breast height (dbh). Dominant tree species are Ashe juniper (*Juniperus asheii*) and Live oak (*Quercus fusiformis*). Other tree species present are Texas red oak (*Quercus buckleyi*) and Wafer ash (*Ptelea trifoliata*). The understory is relatively open with dominant species consisting of young Ashe Juniper, possumhaw (*Ilex decidua*), Texas persimmon (*Diospyros texana*), Yaupon holly (*Ilex vomitoria*), Silk tassel bush (*Garrya elliptica*), agarita (*Mahonia trifoliolata*), Virginia creeper (*Parthenocissus quinquefolia*), Frostweed (*Verbesina virginica*), and Pearl milkweed (*Dictyanthus reticulatus*).

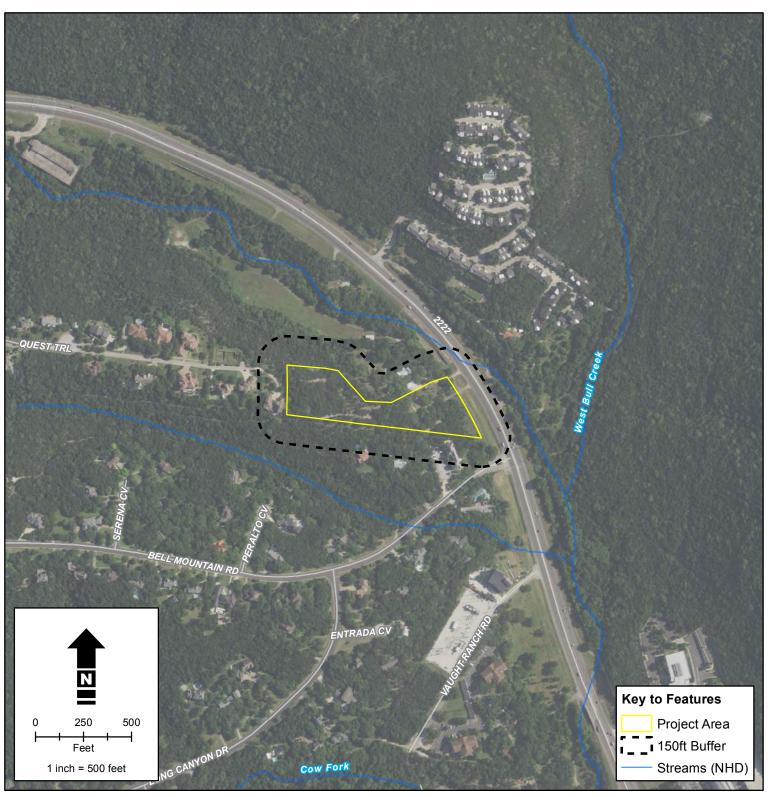
The mixed grasses and forbs occupy cleared areas, mostly along access gravel roads and property frontage along RM 2222. These areas are dominated by King Ranch bluestem (*Bothriochloa ischaemum*), twistleaf yucca (*Yucca rupicola*), Mustang grape (*Vitis mustangensis*), Poison ivy (*Toxicodendron radicans*), and Orange wedelia (*Wedelia acapulcensis var. hispida*) (**Photograph 2**).



Photograph 1: View upslope along gravel road of wooded western portion of the property; view west-northwest.



Photograph 2: Grass area along RR 2222 on eastern portion of the property; view north-northwest.



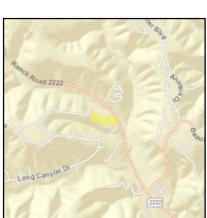


## Figure 1

### **Project Location**

Kaalo Studio Travis County, Texas

Source: NAIP 4/1/2020







## Figure 2

### **Geologic Formations**

Kaalo Studio Travis County, Texas

Source: NAIP 4/1/2020

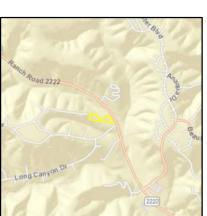




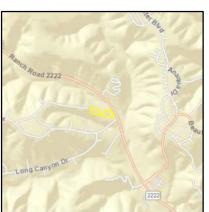


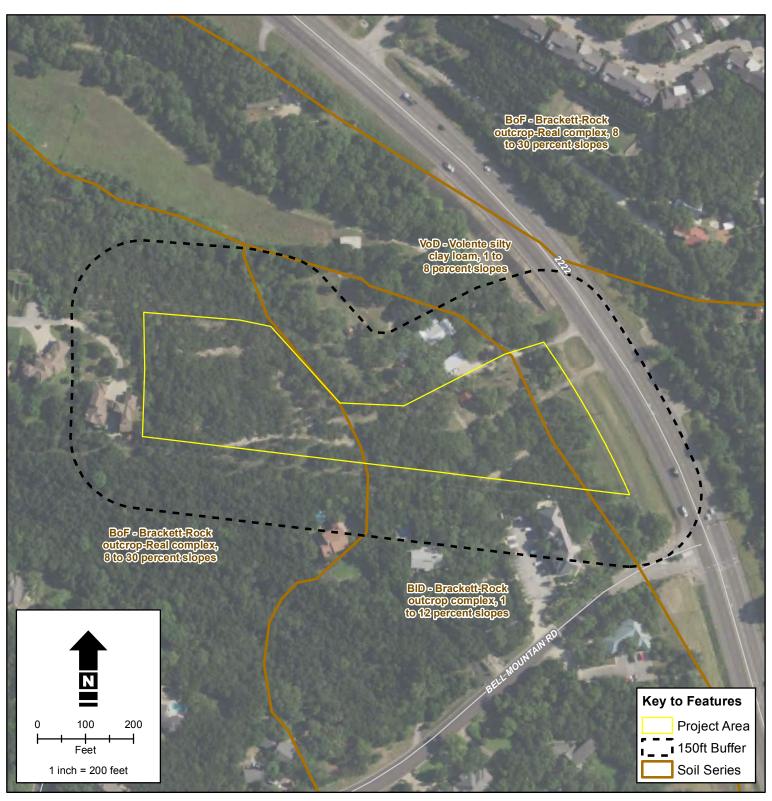
Figure 3

### **Historical Aerial**

Kaalo Studio Travis County, Texas

Source: CAPCOG 1/17/2003





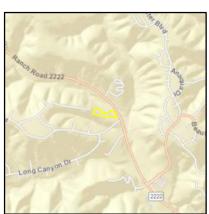


## Figure 4

### **Soil Series**

Kaalo Studio Travis County, Texas

Source: NAIP 4/1/2020





April 12, 2022

City of Austin Permitting and Development Center 6310 Wilhelmina Delco Dr. Austin, TX 78752

Subject: Engineer's Summary Letter

Kaalo Studio 7901 RM 2222

MWM Project Number R864-01

Dear Staff,

Enclosed with this application are the site permit plans for the proposed construction at 7901 RM 2222. The project site is a 4.72-acre tract (Site), and the proposed improvements include, 28,925 SF multi-purpose building, with office, residential, 45-space underground parking, and on-site stormwater controls. The Site is currently undeveloped. This project develops approximately 1.20 acres of the tract, nearest the RM 2222 frontage, and at the lower elevation. The Site is zoned LO-MU-CO. Kaalo will act as Owner and Developer of the project.

The Site is located within the West Bull Creek watershed, classified as a water supply suburban watershed. The site is not located within the Edwards Aquifer Recharge, Contributing, or Transition Zones. The site is not located within the 100-year floodplain per the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) Map No. 48453C0245J, dated 01/06/2016, for Travis County, Texas. The previous information was obtained via the City of Austin GIS mapping services as well as FloodPro. The Site is also within 1,000 feet of RM 2222, and therefore, is subject to the Hill Country Roadway Requirements.

Stormwater runoff from the Site discharges to the east into a roadside ditch west of RM 2222, which then discharges to the south. An underground detention chamber is proposed to capture stormwater runoff from the rooftop and pavement and detain the peak discharge for each regulated storm event to match or improve existing conditions. A stormwater control plan is included in the accompanying plan set, including calculations. Discharge from the underground detention system will discharge uphill of the ROW and allow for sheet flow into the roadside ditch.

Rain gardens are proposed for on-site water quality controls. Roof top stormwater will be directed to several rain gardens adjacent to the building, and pavement stormwater runoff will be directed to rain gardens adjacent to the pavement. A water quality control plan is included in the accompanying plan set, including calculations.

Please do not hesitate to contact me with any questions/comments you may have.

Sincerely,

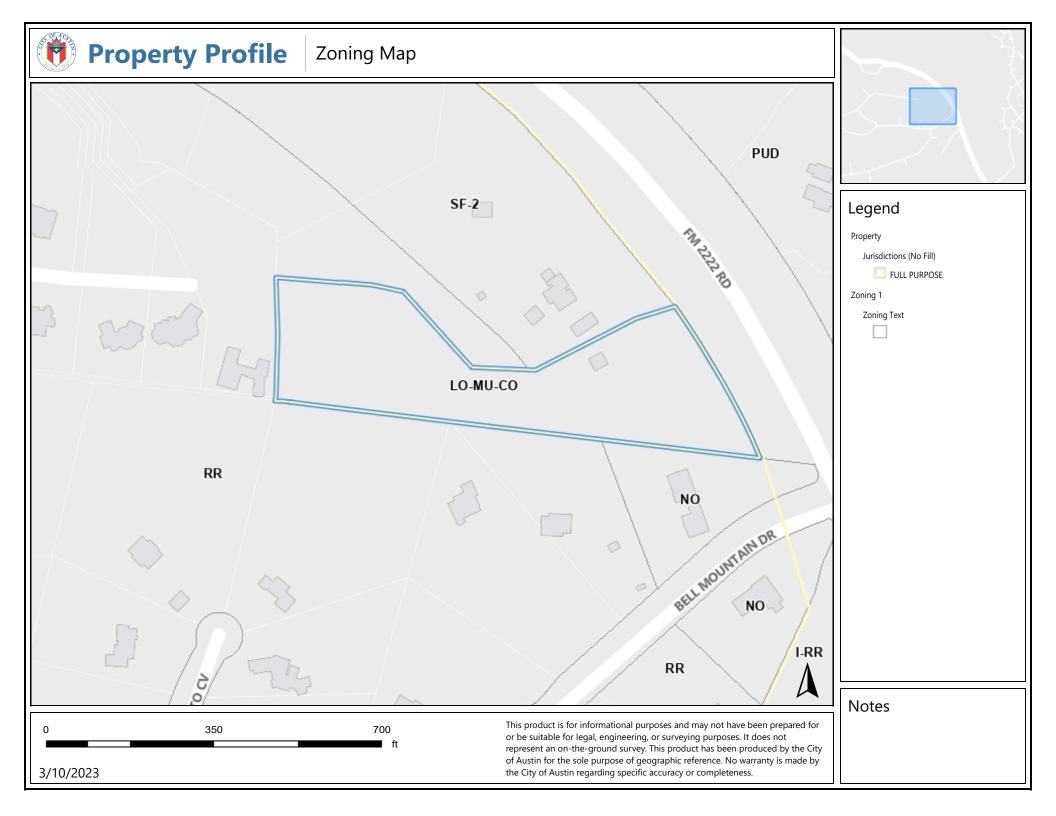
Brian Wells, PE MWM DesignGroup BRIAN LEE WELLS

89517

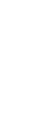
CENSEDONAL

CONSEDERATE

CONSEDER









mwm **Design Group** 

305 East Huntland Drive Suite 200 Austin, Texas 78752 p: 512.453.0767 f: 512.453.1734 TBAE FIRM REGISTRATION NO.: 1452 TBPE FIRM REGISTRATION NO.: F-1416 TBPLS FIRM REGISTRATION NO.: 10065600

NO. DATE DESCRIPTION

The bar above measures one inch

on the original drawing. Adjust scales accordingly.

SLOPE MAP

KAALO STUDIO 7901 RM 2222 Austin, Texas 78730

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, THE CITY OF AUSTIN MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER. PLOTTED: 12/23/2022 JOB NO: 864-01

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