

BOA GENERAL REVIEW COVERSHEET

CASE: C15-2021-0062

BOA DATE: July 12th, 2021

ADDRESS: 3401 Rivercrest Dr

COUNCIL DISTRICT: 10

OWNER: Christen Steen

AGENT: David Cancialosi

ZONING: LA

LEGAL DESCRIPTION: LOT 4&5 BLK D RIVERCREST ADDN SEC 2

VARIANCE REQUEST: increase impervious cover

SUMMARY: erect Single-Family + associated improvements

ISSUES: slope issues; site platted under Rivercrest Sec. 2 in the mid 1960's

	ZONING	LAND USES
<i>Site</i>	LA	Lake Austin
<i>North</i>	LA	Lake Austin
<i>South</i>	LA	Lake Austin
<i>East</i>	LA	Lake Austin
<i>West</i>	LA	Lake Austin

NEIGHBORHOOD ORGANIZATIONS:

Austin Independent School District

Austin Lost and Found Pets

BRNA ASSOCIATION INC.

City of Rollingwood

Friends of Austin Neighborhoods

Glenlake Neighborhood Association




Save Our Springs Alliance

Sierra Club, Austin Regional Group

TNR – BCP – Travis County Natural Resources

The Creek at Riverbend Neighborhood Association



-  SUBJECT TRACT
-  PENDING CASE
-  ZONING BOUNDARY

NOTIFICATIONS

CASE#: C15-2021-0062
LOCATION: 3401 RIVERCREST DR



This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries.

This product has been produced by CTM for the sole purpose of geographic reference. No warranty is made by the City of Austin regarding specific accuracy or completeness.

1" = 235'



CITY OF AUSTIN

Development Services Department

One Texas Center | Phone: 512.978.4000

505 Barton Springs Road, Austin, Texas 78704

Board of Adjustment General/Parking Variance Application

WARNING: Filing of this appeal stops all affected construction activity.

This application is a fillable PDF that can be completed electronically. To ensure your information is saved, [click here to Save](#) the form to your computer, then open your copy and continue.

The Tab key may be used to navigate to each field; Shift + Tab moves to the previous field. The Enter key activates links, emails, and buttons. Use the Up & Down Arrow keys to scroll through drop-down lists and check boxes, and hit Enter to make a selection.

The application must be complete and accurate prior to submittal. *If more space is required, please complete Section 6 as needed.* All information is required (if applicable).

For Office Use Only

Case # _____ ROW # _____ Tax # _____

Section 1: Applicant Statement

Street Address 3401 Rivercrest Dr _____

Subdivision Legal Description:

Lot 4-5 Rivercrest Addition Sec. 2 _____

Lot(s): _____ Block(s): _____

Outlot: _____ Division: _____

Zoning District: LA – Lake Austin _____

I/We David C. Cancialosi on behalf of myself/ourselves as
authorized agent for Christen Steen

affirm that on

Month May, Day 27, Year 2021, hereby apply for a hearing before the

Board of Adjustment for consideration to (select appropriate option below):

☒ Erect ☐ Attach ☐ Complete ☐ Remodel ☒ Maintain ☐ Other: ERECT (REPLACE concrete)

Type of Structure: single-family structure + associated improvements

Portion of the City of Austin Land Development Code applicant is seeking a variance from:

LDC 25-2-551:

- 1) from 53% IC in the 0-15% slope to 48% IC,
- 2) from 54.25% in the 15-25% slope to 49% IC,
- 3) from 4.41% in the 25-35% slope to 18% IC, and
- 4) from 0.83% in the 35%+ slope to 3% IC.

The overall change in IC is from 21.51% to a proposed 20.89% IC, or 8,084 SF IC to 7,883 SF IC, when calculated on a gross lot area basis.

Section 2: Variance Findings

The Board must determine the existence of, sufficiency of, and weight of evidence supporting the findings described below. Therefore, you must complete each of the applicable Findings Statements as part of your application. Failure to do so may result in your application being rejected as incomplete. Please attach any additional supporting documents.

NOTE: The Board cannot grant a variance that would provide the applicant with a special privilege not enjoyed by others similarly situated or potentially similarly situated.

I contend that my entitlement to the requested variance is based on the following findings:

Reasonable Use

The zoning regulations applicable to the property do not allow for a reasonable use because:

The LA zoning category was created via ordinance No. 840913-S and effectively amended zoning Chapter 13-2 by capturing all land 500' landward of the 504.9' contour line. The Ordinance either newly zoned or rezoned most parcels to Lake Austin (LA) zoning category. This Ordinance was signed into effect 9/13/1984. The regulations were passed in 1984, then written into code using language that backdated the regulations several years prior to arbitrarily capture parcels along the lake and separate them into two development categories – mainly these being pre and post 1982 standards. The LA zoning category was assigned to properties regardless of their compliance with LA zoning site requirements such as 100' of lot width being present or not, or whether a lot or tract was a minimum of one acre in size as also required by the LA zoning site performance standards. Some of those lots that could not comply were zoned SF-2 and remain as such today; thus, the vast majority of lake front (and non lake front) properties were zoned from "A" First Height and Residential District under zoning code Chapter 13-1 to the currently applicable 25-2-551, Lake Austin Zoning. The ordinance has been in effect almost 40 years as of now.

Because Section 2 of Rivercrest Subdivision was platted in the 1960's under City zoning Chapter 44, it is completely reasonable to allow the site a replacement residence with typical single-family accessory uses such as pool, deck, garage, and so forth. The applicant requests the Board consider this application and approve it as a reasonable request necessary to redevelop the site.

a) The hardship is not general to the area in which the property is located because:

There is no other lot in the area which has been encumbered in this manner via slope, safety concerns, and non-compliance to this degree.

b) Hardship:

The site was platted under Rivercrest section 2 in the mid 1960's. No slope category or site regulations existed in the manner in which they do today under The Land Development Code, specifically section 25-2-551 Lake Austin zoning category. This zoning change from "A" to "LA" by the city is a hardship in that the site was automatically undevelopable without a variance from certain regulations.

The house was built in 2006 via City-approved permits. Those permits were issued erroneously in terms of how the impervious cover was calculated. The impervious cover was not calculated in accordance with LDC 25-2-551, *Lake Austin* zoning performance standards. They were, however, calculated using gross lot area and not per slope, i.e., 0-15%, 15-25%, 25-35%, 35%+ slope categories which allow a relative amount of impervious in each slope category. **The current request proposes to reduce the impervious cover from 53% in the 0-15% slope to 48%, from 54.25% in the 15-25% slope to 49%, from 4.41% in the 25-35% slope to 18%, and from .83% in the 35%+ slope to 3%. This change in IC is from 21.51% to a proposed 20.89% impervious coverage, or 8,084 SF IC to 7,883 SF IC when calculated on a gross lot area basis.**

The driveway easement is definitive hardship that requires 1,500+ SF of IC. The septic placement is requiring a significant amount of retaining walls stretching from the build site down to the street due to the topography of the site.

The 37,000+ SF lot has 57% of unbuildable space. The only flat part is the existing foundation and parking areas. When the 2006 and 2007 permits were incorrectly issued by the city then said permits were finalized by the field inspectors, the issues we are addressing via this request before you were permanently created for the site.

1) Permits issued in error, 2) non-compliant building sites, 3) substandard lot size, 4) taxed but unbuildable land, and 5) eroding integrity of existing on-site structures cumulatively contribute to a handful of substantive, legitimate hardships. The owner requests the Board's assistance by way of granting the requested variances so the site may be properly restored to one of beauty but also structural integrity and safety. By doing so the Board would not be out of character with prior approvals for almost a dozen other sites located in the Rivercrest neighborhood, all facing similar if not exact hardships. We ask you find the same for this site as well.

This gross lot area calculation is how the impervious coverage was contemplated as part of the intended single-family development when the mid-1960's Rivercrest subdivision was approved by Travis county and / or city of Austin.

Area Character

The variance will not alter the character of the area adjacent to the property, will not impair the use of adjacent conforming property, and will not impair the purpose of the regulations of the zoning district in which the property is located because:

The proposed remodel will be in keeping with the surrounding homes along Rivercrest Dr. No adverse impacts will be imposed on surrounding properties.

Parking (additional criteria for parking variances only)

Request for a parking variance requires the Board to make additional findings. The Board may grant a variance to a regulation prescribed in the City of Austin Land Development Code Chapter 25-6, Appendix A with respect to the number of off-street parking spaces or loading facilities required if it makes findings of fact that the following additional circumstances also apply:

1. Neither present nor anticipated future traffic volumes generated by the use of the site or the uses of sites in the vicinity reasonably require strict or literal interpretation and enforcement of the specific regulation because:

2. The granting of this variance will not result in the parking or loading of vehicles on public streets in such a manner as to interfere with the free flow of traffic of the streetsbecause:

3. The granting of this variance will not create a safety hazard or any other condition inconsistent with the objectives of this Ordinance because:

4. The variance will run with the use or uses to which it pertains and shall not run with the site because:

Section 3: Applicant Certificate

I affirm that my statements contained in the complete application are true and correct to the best of my knowledge and belief.

Applicant Signature: _____ Date: 09/15/2020

Applicant Name (typed or printed): David C. Cancialosi

Applicant Mailing Address: 300 E. Highland Mall Blvd #207

City: Austin State: TX Zip: 78751

Phone (will be public information): (512) 593-5361

Email (optional – will be public information): [REDACTED]

Section 4: Owner Certificate

I affirm that my statements contained in the complete application are true and correct to the best of my knowledge and belief.

Owner Signature: Christen Steen Date: 5/1/2021

Owner Name (typed or printed): Christen Steen

Owner Mailing Address: 3401 Rivercrest Dr

City: Austin State: TX Zip: 78746

Phone (will be public information): _____

Email (optional – will be public information): _____

Section 5: Agent Information

Agent Name: Agent is applicant

Agent Mailing Address: _____

City: _____ State: _____ Zip: _____

Phone (will be public information): _____

Email (optional – will be public information): _____

Section 6: Additional Space (if applicable)

Please use the space below to provide additional information as needed. To ensure the information is referenced to the proper item, include the Section and Field names as well (continued on next page).

From the office of:

PERMIT PARTNERS, LLC
300 E. Highland Mall Blvd, Ste. 207
Austin, Texas 78752
David C. Cancialosi
512.593.5368



April 1, 2020

City of Austin c/o Elaine Ramirez
Board of Adjustment
One Texas Center
505 Barton Springs
Austin, Texas 78704

RE: Variance request to maintain and reduce impervious cover at 3401 Rivercrest Dr.

Dear Board of Adjustment Commissioners,

My client is seeking a variance to maintain a single-family residence built in 2006 era. The residence is located in the Rivercrest subdivision located along the banks of Lake Austin. The neighborhood was platted in the mid 1960's and a majority of the lots are non-compliant with respect to Lake Austin zoning as a result of the development occurring prior to the City's blanket application of LA zoning to the neighborhood in the mid 1980's.

The house in question is not along the main body of the lake and has zero water frontage. It is on a steep hill with the flat area atop it supporting the existing house and associated improvements. The house spans two lots – lots 4 & 5 Rivercrest Addition Section 2. The combined acreage of lots 4 and 5 is 37,400 SF. Despite both lots being used as one single-family development they remain substandard to LA zoning requirement of 1 acre minimum. Each lot 4 and lot 5 being of substandard size independently, the combined lot size is 37,400 SF, yet 21,490, or 57%, of the lot contains slope in excess of 35%.

Regardless the city issued permit #2006-002550 for new construction of a two story house and covered wood decks with associated improvements. That permit issuance was completely erroneous and started a slew of problems passed from one owner to the next as the house continually required maintenance. The city approved a gross area calculation of 16.2% IC vs. the required *per slope* IC calculations which had been the required method of calculation since 1984 and remain as such to this day.

The city compounded its error by again issuing permit approval for an accessory structure in 2007. That approved pool application confirmed 16,000+ SF IC was allowed on-site. Both applications note a 1,300 SF driveway that crosses the lot. The driveway takes access from Rivercrest Dr. and serves a number of houses on located beyond this house and on the same side of the street. Most of these houses only access is from the rear of their homes via this driveway. Some do have front parking along Rivercrest Dr. but not all. The driveway cannot be removed as it is an access easement utilized by multiple parties. Yet, it counts as impervious coverage against this property.

In sum, the multiple retaining walls found throughout the hillside are in need of repair; the driveway easement cannot be removed; the site is substantially encumbered by excessive 35% slopes; and prior issuance of city permits clearly exacerbates the existing impervious coverage numbers. From a gross area IC calculation perspective, the owner proposes less than ½ the impervious coverage than what the city stated was allowed in the 2006 and 2007 permit approvals. The request before you is to reduce the degree of non-compliance while bring significant structural components of the site into compliance so as to avoid a hillside failure or similar damage to the house or those around it. This will be done via light redevelopment of the existing house and parking area into a garage, pool remodel, new hardscape, and other accessory improvements

Reasonable Use

A single-family residential use with associated accessory uses on a LA zoned lot is reasonable and in keeping with the stated allowances in the land development code. This use was contemplated when the original Rivercrest Section 2 plat was approved.

Hardship

The house was built in 2006 via City-approved permits. Those permits were issued erroneously in terms of the how the impervious cover was calculated. The impervious cover was not calculated in accordance with LDC 25-2-551, *Lake Austin* zoning performance standards. They were, however, calculated using gross lot area and not per slope, i.e., 0-15%, 15-25%, 25-35%, 35%+ slope categories which allow a relative amount of impervious in each slope category. Now, to perform any work on the site my client bears the burden of mistakes not created by her. The remedies are too great to perform without assistance from the BOA and the variances are necessary to utilize the property as originally intended then permitted for by the City.

The current request proposes to reduce the impervious cover from 53% in the 0-15% slope to 48%, from 54.25% in the 15-25% slope to 49%, from 4.41% in the 25-35% slope to 18%, and from .83% in the 35%+ slope to 3%. This change in IC is from 21.51% to a proposed 20.89% impervious coverage, or 8,084 SF IC to 7,883 SF IC when calculated on a gross lot area basis.

The driveway easement is definitive hardship that requires 1,500+ SF of IC. This is out of my client's control.

The septic placement is requiring a significant amount of retaining walls stretching from the build site down to the street due to the topography of the site. This also exacerbates the impervious cover for the steep topography on the lot.

The 37,000+ SF (combined) lot has 57% of unbuildable space. The only flat part is the existing foundation and parking areas. This area is supported by retaining walls, which are failing and need to be replaced and relocated. When the 2006 and 2007 permits were incorrectly issued by the city then said permits were finalized by the field inspectors, the issues we are addressing via this request before you were permanently created for the site.

Permits issued in error, non-compliant building sites, substandard lot size, taxed but unbuildable land, and eroding building integrity of existing on-site structures cumulatively contribute to a handful of substantive, legitimate hardships. The owner requests the Board's assistance by way of granting the requested variances so the site may be properly restored to one of beauty but structural integrity and safety typically found throughout the Rivercrest neighborhood.

Not General to the Area

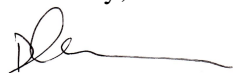
There are no known lots in the area with this specific issue.

Area of Character

The proposed remodel will be in keeping with the surrounding homes along Rivercrest Dr. No adverse impacts will be imposed on surrounding properties. The overall impervious coverage is being reduced while the structural integrity and infrastructure of the site is being vastly improved.

Please find the remainder of the application packet and findings attached.

Sincerely,



David C. Cancialosi, Agent for Owner

D-4/10

313 12:30pm

CITY OF AUSTIN

RESIDENTIAL PERMIT APPLICATION

BP Number BP-06-25502
Building Permit No. _____
Plat No. _____ Date 3/31/16
Reviewer Donna C. Fern

PRIMARY PROJECT DATA

Service Address 3401 Rivercrest Dr Tax Parcel No. _____
Legal Description Lot 445 Block D Subdivision RIVERCREST Section 2 Phase _____
If in a Planned Unit Development, provide Name and Case No. _____
(attach final approved copies of subdivision and site plan)

If this site is not a legally subdivided lot, you must contact the Development Assistance Center for a Land Status Determination.

Description of Work _____ Remodel (specify) _____
☒ New Residence _____
☐ Duplex _____ Addition (specify) _____
☐ Garage _____ attached _____ detached _____
☐ Carport _____ attached _____ detached _____
☐ Pool _____ Other (specify) _____

Zoning (e.g. SF-1, SF-2...) LA Height of building 26'9" ft. # of floors 2

On lots with LA zoning, the approved septic permit must be submitted with the Residential Permit application for zoning approval. (LDC 25-2-551(B)(6))

Does this site have a Board of Adjustment ruling? Yes ☐ No ☒ If yes, attach the B.O.A. documentation

Will this development require a cut and fill in excess of 4 feet? Yes ☐ No ☒

Does this site front a paved street? Yes ☐ No ☒ A paved alley? Yes ☐ No ☒

VALUATIONS FOR REMODELS ONLY

DATA FOR NEW CONSTRUCTION OR ADDITIONS ONLY

PERMIT FEES (For office use only)

Building \$ _____
Electrical \$ _____
Mechanical \$ _____
Plumbing \$ _____
Driveway & Sidewalk \$ _____
TOTAL \$ _____
(labor and materials)

Lot Size 37,452.7 sq. ft.
Job Valuation \$ 415K
(Labor and materials)
Total Job Valuation (remodels and additions)
\$ _____
(Labor and materials)

	NEW/ADDITIONS	REMODELS
Building	\$ <u>370</u>	\$ _____
Electrical	\$ <u>230</u>	\$ _____
Mechanical	\$ <u>120</u>	\$ _____
Plumbing	\$ <u>125</u>	\$ _____
Driveway & Sidewalk	\$ _____	\$ _____
TOTAL	\$ _____	\$ _____

OWNER / BUILDER INFORMATION

OWNER	Name <u>STEVE & JESSICA DAVIS</u>	Telephone (h) <u>658-5824</u> (w) _____
BUILDER	Company Name <u>JUNE KING CUSTOM HOMES INC</u>	Telephone <u>512 7850913</u>
	Contact/Applicant's Name <u>JUNE KING</u>	Pager _____ FAX <u>512 371 3142</u>
DRIVEWAY /SIDEWALK	Contractor <u>RAM FOUNDATIONS</u>	Telephone <u>748-1883</u>
CERTIFICATE OF OCCUPANCY	Name _____ Address _____ City _____ ST _____ ZIP _____	Telephone _____

If you would like to be notified when your application is approved, please select the method:

☒ telephone ☒ e-mail: [REDACTED]

You may check the status of this application at www.ci.austin.tx.us/development/pierivr.htm

underscore

3403 will be the same lot. ~~D-4/11~~

Service Address 3401 RIVERCREST DRIVE

Post Office in 3401

Applicant's Signature [Signature]

Date 3/09/06

BUILDING COVERAGE

The area of a lot covered by buildings or roofed areas, but not including (i) incidental projecting eaves and similar features, or (ii) ground level paving, landscaping, or open recreational facilities.

	Existing	New	New / Addition
a. 1 st floor conditioned area	<u>2382</u> sq.ft.		
b. 2 nd floor conditioned area	<u>829</u> sq.ft.		
c. 3 rd floor conditioned area			
d. Basement			
e. Garage / Carport			
<u>attached</u>			
<u>detached</u> <u>PARKING SLAB</u>	<u>864</u> sq.ft.		
f. Wood decks [must be counted at 100%]	<u>264.7</u> sq.ft.		
g. Breezeways			
h. Covered patios			
i. Covered porches			
j. Balconies			
k. Swimming pool(s) [pool surface area(s)]			
l. Other building or covered area(s)			

Specify _____

TOTAL BUILDING AREA (add a. through l.) 4339.90 sq.ft.

TOTAL BUILDING COVERAGE ON LOT (subtract b., c., d., and k. if applicable) 3510.90 sq.ft. 100 % of lot

IMPERVIOUS COVERAGE

Include building cover and sidewalks, driveways, uncovered patios, decks, air conditioning equipment pad, and other improvements in calculating impervious cover. Roof overhangs which do not exceed two feet or which are used for solar screening are not included in building coverage or impervious coverage. All water must drain away from buildings on this site and buildings on adjacent lots.

a. Total building coverage on lot (see above)	<u>3510.9</u> sq.ft.
b. Driveway area on private property	<u>899.9</u> sq.ft.
c. Sidewalk / walkways on private property	<u>315.1</u> sq.ft.
d. Uncovered patios	
e. Uncovered wood decks [may be counted at 50%]	
f. Air conditioner pads	<u>20</u> sq.ft.
g. Concrete decks	
h. Other (specify) <u>PRIVATE ROAD</u>	<u>1332.2</u> sq.ft.

TOTAL IMPERVIOUS COVERAGE (add a. through h.) 6078.10 sq.ft. 16.2 % of lot

CITY OF AUSTIN
RESIDENTIAL PERMIT APPLICATION

I understand that in accordance with Sections 25-1-411 and 25-11-66 of the Land Development Code (LDC), non-compliance with the LDC may be cause for the Building Official to suspend or revoke a permit and/or license. I understand that I am responsible for complying with any subdivision notes, deed restrictions, restrictive covenants and/or zoning conditional overlays prohibiting certain uses and/or requiring certain development restrictions (i.e., height, access, screening, etc.) on this property. If a conflict should result with any of these restrictions, it will be my responsibility to resolve it. I understand that, if requested, I must provide copies of all subdivision plat notes, deed restrictions, restrictive covenants, and/or zoning conditional overlay information that may apply to this property.

I acknowledge that this project qualifies for the Site Plan Exemption as listed in Section 25-5-2 of the LDC.

I also understand that if there are any trees greater than 19 inches in diameter located on the property and immediately adjacent to the proposed construction, I am to schedule a Tree Ordinance review by contacting (512) 974-1876 and receive approval to proceed.

I agree that this application will expire on the 181st day after the date that the application is filed if the application is not approved and an extension is not granted. If the application expires, a new submittal will be required.

APPLICANT'S SIGNATURE _____

DATE _____

HOME BUILDER'S STATE REGISTRATION NUMBER (required for all new construction) _____

Rejection Notes/Additional Comments (for office use only):

platted 1964

~~① need IR setback info~~

~~② If new house, why is "existing" allowed?~~

③ Flood plan

④ septic approval

8/7/06. TCAD # 0131/90203, NOT FOUND IN FPD DATABASE. FPD SUBMITTER

8/17/06. FPD Received. 25 yr = 494.25 + 100 yr = 497.30

Per GIS, Lowest Point on Lot @ 514. NO ADD INFO REQUIRED

JGC

3211.2 total gfa
 14,981.08 = 0.47 AP



Kramer Service Center

St. Elmo Service Center

2412 Kramer Lane, Bldg. "C"

Austin, Texas 78758
(512) 505-7206**Austin Energy****Electric Service Planning Application**
(Please Print or Type)

4411-B Meinardus Drive

Austin, Texas 78744
(512) 505-7500**ESPA for Residential & Small Commercial Service Only (under 350 amps 1Ø or 225 amps 3Ø)**

Name: Steve & Jessica Davis (June King Custom Homes, Inc) 512-785-0913
 Address: 3401 Rivercrest Drive Austin 78748
 Legal Description: Lot 4 35 Blk "D" Rivercrest 7 Add. tion, Sect 2
 Lot: 4+5 Block: D Commercial/Residential? R

Service Main Size(s) _____ (amps) Service Conductor _____ (type & size)
 Service Length _____ (ft.) Number of Meters? 1 Multi-Fuel Y N
 Overhead/Underground? OH Voltage 20/240V ☒ Single-phase (1Ø) ☐ Three-phase (3Ø)
 Total Square Footage 3211 Total AC Load _____ (# of units) _____ (Tons)
 Largest AC unit _____ (Tons) LRA of Largest AC Unit _____ (amps)
 Electric Heating ☒ (kW) Other _____ (kW)

Comments: New Service / electrician to pull permit

ESPA Completed by (Signature & Print name)

Phone

Building/Electric Permit No: _____

AE Representative

Date

Approved: ☒ Yes ☐ No (Remarks on back) Phone

974-2632

Application expires 90 days after date of Approval

AE APPROVED

MAR 10 2006

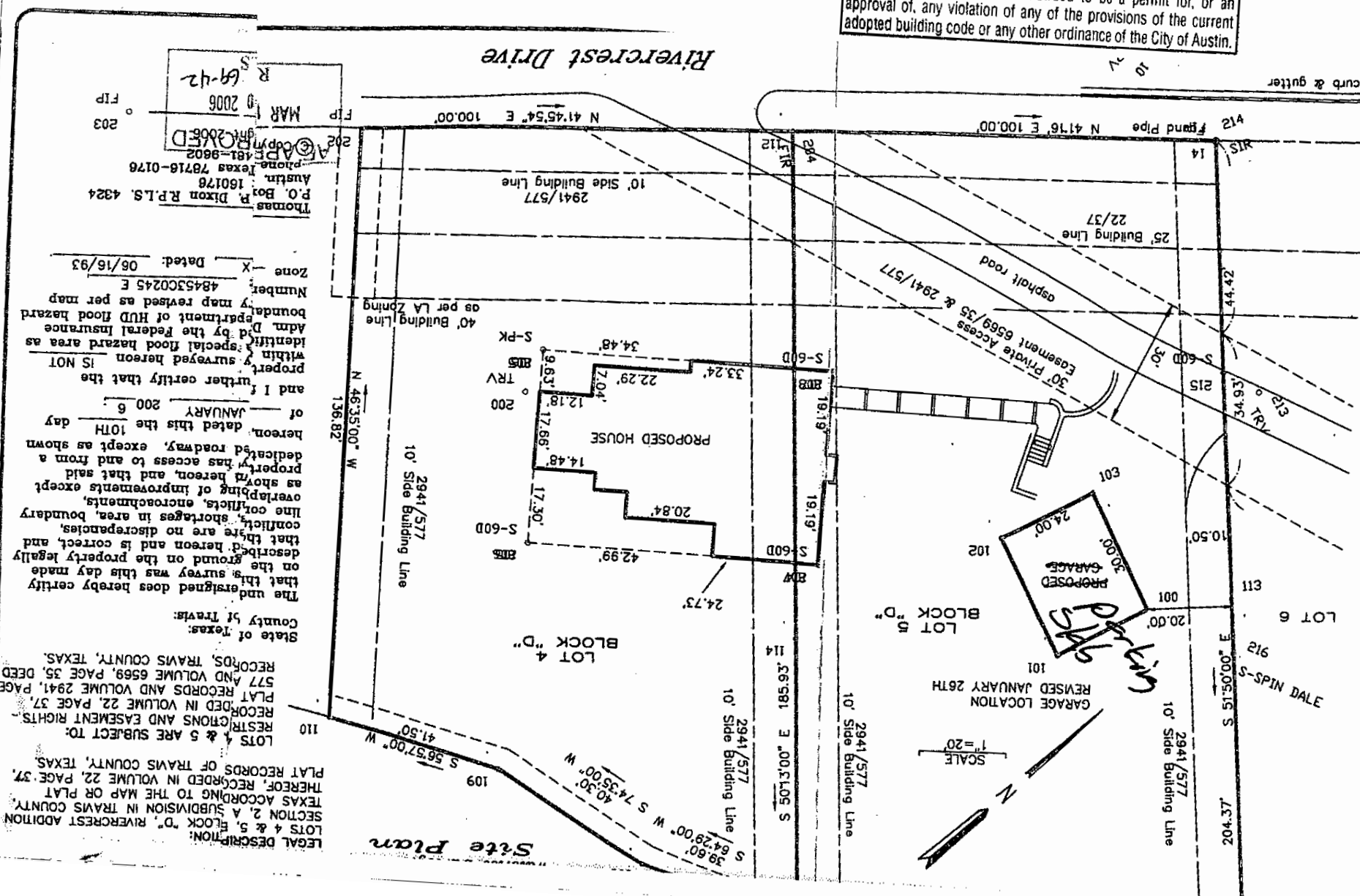
RLS

69-42

REVIEWED FOR ZONING ONLY

CITY OF AUSTIN
APPROVED FOR PERMIT
Victoria Hsu, P.E.

Watershed Protection & Development Review Department
By *[Signature]* Date *8/17/16*
The granting of a permit for, or approval of, these plans and specifications shall not be construed to be a permit for, or an approval of, any violation of any of the provisions of the current adopted building code or any other ordinance of the City of Austin.





AUSTIN WATER UTILITY
 Utility Development Services Division
 625 East 10th Street
 Austin, Texas 78701
 (512) 972-0207 fax: (512) 972-0251



PERMIT TO CONSTRUCT AN ON-SITE SEWAGE FACILITY

DATE: July 24, 2006

UNIQUE #: 418443

SITE ADDRESS: 3403 Rivercrest Drive, Austin, Texas 78746

LEGAL DESCRIPTION: Lots 4 and 5, Rivercrest Addition, Section 2

OWNER'S NAME: Steven E. Davis

LAKE PROPERTY (YES/NO): NO

WATER SOURCE: Rivercrest Water System, Inc.

TYPE OF STRUCTURE: Single Family Residence

SIZE: 4 bedrooms / 2,920 sq. ft. / 300 gpd

FACILITY SPECIFICATIONS

1. One Aqua Safe AS 500 5+5 "Trio" (a three tank fiberglass unit which has a 500-gallon trash tank, a 500-gallon per day aerobic treatment unit, a 500-gallon pump tank with a chlorinator and a Sta Rite S.T.E.P. D Model 20 DOM 05121 submersible effluent pump, capable to deliver 7.9 gallons per minute at a total dynamic head of 84.5 feet).
2. One 100 micron disk filter.
3. One subsurface drip irrigation drainfield of 1,560 square feet of absorption area (780 linear feet of drip lines).

MAINTENANCE CONTRACT REQUIRED (YES/NO): YES

DESIGNER: Derrick E. Lormand, R.S.

AUTHORIZATION IS HEREBY GIVEN TO CONSTRUCT AN ON-SITE SEWAGE FACILITY ON THE ABOVE DESCRIBED PROPERTY IN ACCORDANCE WITH THE DESIGNED PLAN AND APPROVED BY THE AUSTIN WATER UTILITY ON THIS DATE WITH THE SPECIFICATIONS DESCRIBED ABOVE.

THIS PERMIT MUST BE POSTED ON THE SITE

SPECIAL REQUIREMENTS

1. Construct per designer's plan and the Austin Water Utility's approval letter. If construction cannot proceed exactly as specified by approved plan and the Austin Water Utility's approval letter, stop construction and have the designer submit a revised plan to the Austin Water Utility for review and approval.
2. This property may be located within the habitat boundaries of an endangered species. Issuance of this permit to construct a private sewage facility does not assure compliance with the Endangered Species Act. For information, please call the Travis County Transportation and Natural Resources Department, (512) 854-9383.
3. The issuance of this Permit is not a verification that this tract of land has been subdivided in accordance with the laws and regulations governing subdivision of land. It is also not, therefore, a guarantee of future provision of other utility services to this tract of land.
4. Landscaping and vegetation of drainfields must be complete before a license to operate will be issued.
5. ALL INSTALLATION WORK IN THE STATE OF TEXAS MUST BE PERFORMED BY AN INSTALLER LICENSED WITH THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY.

NOTE: This on-site sewage facility must meet all of the requirements of the City of Austin Ordinance No. 990211-E, including setback distances. If unforeseen and/or adverse conditions are encountered (including but not limited to excessive rock, seepage, or high water table), stop construction and contact the Austin Water Utility. A revised construction permit may be issued. **THIS PERMIT TO CONSTRUCT SHALL EXPIRE ONE YEAR FROM THE ISSUED DATE.**

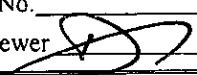
APPROVED: Sam M. Davis, P.E.

DATE: 7/24/06

P.W.# 501596
CITY OF AUSTIN 11.6.07

D-4/16

RESIDENTIAL PERMIT APPLICATION "A"

BP Number	07-157809PR
Building Permit No.	2007163679
Plat No.	Date 12.11.7
Reviewer	

PRIMARY PROJECT DATA

Service Address	3403 Rivercrest Dr, Austin TX	Tax Parcel No.	
Legal Description	Lot 9+5 Block Subdivision Addition #2 Section Phase		
If in a Planned Unit Development, provide Name and Case No. (attach final approved copies of subdivision and site plan)			
If this site is not a legally subdivided lot, you must contact the Development Assistance Center for a Land Status Determination.			
Description of Work	Remodel (specify)		
<input type="checkbox"/> New Residence			
<input type="checkbox"/> Duplex	Addition (specify)		
<input type="checkbox"/> Garage attached detached			
<input type="checkbox"/> Carport attached detached	Other (specify)		
<input checked="" type="checkbox"/> Pool			
Zoning (e.g. SF-1, SF-2...)	LA		
- Height of Principal building ft. # of floors Height of Other structure(s) ft. # of floors			
- Does this site currently have water and wastewater availability? Yes No. If no, please contact the Austin Water Utility at 512-972-0000 to apply for water and/or wastewater tap application, or a service extension request.			
- Does this site have a septic system? X Yes No. If yes, for all sites requiring a septic field you must obtain an approved septic permit prior to a zoning review.			
Does this site have a Board of Adjustment ruling? Yes X No If yes, attach the B.O.A. documentation			
Will this development require a cut and fill in excess of 4 feet? Yes X No			
Does this site front a paved street? X Yes No A paved alley? Yes No			
Is this property within the Residential Design and Compatibility Standards Ordinance Boundary Area? Yes No			

VALUATIONS FOR REMODELS ONLY

Building	\$	
Electrical	\$	
Mechanical	\$	
Plumbing	\$	
Driveway/Sidewalk	\$	
TOTAL \$		
(labor and materials)		

VALUATIONS FOR NEW CONSTRUCTION OR ADDITIONS ONLY

Lot Size	37,452.7	sq.ft.
Job Valuation - Principal Building	\$30,000	(Labor and materials)
Job Valuation - Other Structure(s)	\$	(Labor and materials)
TOTAL JOB VALUATION	(sum of remodels and additions)	
\$	30,000	(Labor and materials)

PERMIT FEES (For office use only)

	NEW/ADDITIONS	REMODELS
Building	\$	\$
Electrical	\$	\$
Mechanical	\$	\$
Plumbing	\$	\$
Driveway & Sidewalk	\$	\$
TOTAL \$	\$	\$

OWNER / BUILDER INFORMATION

OWNER	Name	Roger STANKE	Contact	Telephone (h)	
BUILDER	Company Name	Austin Custom Pools Steve Iwinski	Telephone	963-9350	
	Contact/Applicant's Name	Roger STANKE	Pager		
DRIVEWAY/SIDEWALK	Contractor		FAX		
			Telephone		
CERTIFICATE OF OCCUPANCY	Name		Telephone		
	Address		City	ST	ZIP

If you would like to be notified when your application is approved, please select the method:

telephone e-mail:

You may check the status of this application at www.ci.austin.tx.us/development/pierivr.htm

CITY OF AUSTIN

RESIDENTIAL PERMIT APPLICATION "C"

BUILDING COVERAGE

The area of a lot covered by buildings or roofed areas, but not including (i) incidental projecting eaves and similar features, or (ii) ground level paving, landscaping, or open recreational facilities.

	Existing		New / Addition
a. 1 st floor conditioned area	<u>3,211</u> sq.ft.		sq.ft.
b. 2 nd floor conditioned area	sq.ft.		sq.ft.
c. 3 rd floor conditioned area	sq.ft.		sq.ft.
d. Basement	sq.ft.		sq.ft.
e. Garage / Carport	sq.ft.		sq.ft.
<u> </u> attached	sq.ft.		sq.ft.
<input checked="" type="checkbox"/> detached	<u>864</u> sq.ft.		sq.ft.
f. Wood decks [<i>must be counted at 100%</i>]	sq.ft.		sq.ft.
g. Breezeways	sq.ft.		sq.ft.
h. Covered patios	<u>264</u> sq.ft.		sq.ft.
i. Covered porches	<u>315</u> sq.ft.		sq.ft.
j. Balconies	sq.ft.		sq.ft.
k. Swimming pool(s) [<i>pool surface area(s)</i>]	sq.ft.	<u>337</u>	sq.ft.
l. Other building or covered area(s)	sq.ft.		sq.ft.
Specify _____			

TOTAL BUILDING AREA (add a. through l.) 4654 sq.ft. 337 sq.ft.

TOTAL BUILDING COVERAGE ON LOT (subtract, if applicable, b., c., d., k. and f. if uncovered)

4654 sq.ft.
12.5 % of lot

IMPERVIOUS COVERAGE

Include building cover and sidewalks, driveways, uncovered patios, decks, air conditioning equipment pad, and other improvements in calculating impervious cover. Roof overhangs which do not exceed two feet or which are used for solar screening are not included in building coverage or impervious coverage. All water must drain away from buildings on this site and buildings on adjacent lots.

a. Total building coverage on lot (<i>see above</i>)	<u>4654</u> sq.ft.
b. Driveway area on private property	<u>1332</u> sq.ft.
c. Sidewalk / walkways on private property	<u>203</u> sq.ft.
d. Uncovered patios	sq.ft.
e. Uncovered wood decks [<i>may be counted at 50%</i>]	sq.ft.
f. Air conditioner pads	sq.ft.
g. Concrete decks	sq.ft.
h. Other (specify) _____	sq.ft.

TOTAL IMPERVIOUS COVERAGE (add a. through h.)

6189 sq.ft.
16.5 % of lot

**CITY OF AUSTIN
RESIDENTIAL PERMIT APPLICATION "B"**

**CITY OF AUSTIN
RESIDENTIAL PERMIT APPLICATION**

I understand that in accordance with Sections 25-1-411 and 25-11-66 of the Land Development Code (LDC), non-compliance with the LDC may be cause for the Building Official to suspend or revoke a permit and/or license. I understand that I am responsible for complying with any subdivision notes, deed restrictions, restrictive covenants and/or zoning conditional overlays prohibiting certain uses and/or requiring certain development restrictions (i.e., height, access, screening, etc.) on this property. If a conflict should result with any of these restrictions, it will be my responsibility to resolve it. I understand that, if requested, I must provide copies of all subdivision plat notes, deed restrictions, restrictive covenants, and/or zoning conditional overlay information that may apply to this property.

I acknowledge that this project qualifies for the Site Plan Exemption as listed in Section 25-5-2 of the LDC.

I understand that nothing may be built upon or over an easement. I further understand that no portion of any roof structure may overhang in any public utility or drainage easement.

I acknowledge that customer will bear the expense of any necessary relocation of existing utilities to clear this driveway location and/or the cost to repair any damage to existing utilities caused during construction.


I also understand that if there are any trees greater than 19 inches in diameter located on the property and immediately adjacent to the proposed construction, I am to schedule a Tree Ordinance review by contacting (512) 974-1876 and receive approval to proceed.

I agree that this application will expire on the 181st day after the date that the application is filed if the application is not approved and an extension is not granted. If the application expires, a new submittal will be required.

APPLICANT'S SIGNATURE  DATE 10/1/07

HOME BUILDER'S STATE REGISTRATION NUMBER (required for all new construction) _____

Rejection Notes/Additional Comments (for office use only):

10/30/07. NO FLOOD PLAN ISSUED. 

Service Address _____

Applicant's Signature _____ Date _____



Kramer Service Center
2412 Kramer Lane, Bldg. "C"
Austin, Texas 78758
(512) 505-7206

Austin Energy

Electric Service Planning Application (ESPA)

(Please Print or Type)

St. Elmo Service Center
4411-B Meinardus Drive
Austin, Texas 78744
(512) 505-7500

For Residential or Small Commercial "SERVICE ONLY" under 350 amps 1Ø or 225 amps 3Ø

Customer Name Steve Davis Phone _____

Address 3401 Rivercrest Dr Austin tx

Legal Description _____

Lot 4 + 5 Block _____ Commercial/Residential? Residential?

Service Main Size _____ (amps) Service Conductor _____ (type & size)

Service Length _____ (ft.) Number of Meters? _____ Multi-Fuel Y N

Overhead/Underground? LF Voltage _____ ☒ Single-phase (1Ø) ☐ Three-phase (3Ø)

Total Square Footage _____ Total A/C Load _____ (# of units) _____ (Tons)

Largest A/C unit _____ (Tons) LRA of Largest A/C Unit _____ (amps)

Electric Heating _____ (kW) Other _____ (kW)

Comments: New Swimming pool

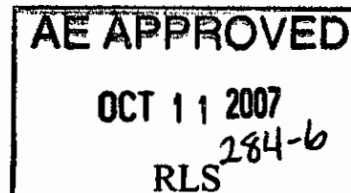
ESPA Completed by (Signature & Print name) _____ Date _____ Phone _____

AE Representative _____ Date _____

Approved: ☒ Yes ☐ No (Remarks on back) Phone 974-2632

Application expires 90 days after date of Approval

All Structures/Pools ETC.
must maintain 10' clearance
from AE energized power lines.



LEGEND:

- A. SEWAGE STUD-OUT
- B. 4" SCHEDULE 40 PVC
- C. TWO-WAY CLEAN-OUT
- D. AEROBIC TREATMENT UNIT
- E. PUMP TANK
- F. FIELD BOX
- G. 1" PVC SUPPLY LINE
- H. 1" PVC RETURN LINE
- I. VACUUM BREAKER VALVE

SYSTEM 5 ZINS CALCULATION

SYSTEM SIZING CALCULATION:
MAIN RESIDENCE
NUMBER OF BEDROOMS = 4 TOTAL CONDITIONED LIVING SPACE = 2890 SQUARE FEET
ESTIMATED DAILY FLOW RATE (PER TITLE 30 TAC CHAPTER 285) Q = 300 GALLONS
PER DAY

PER DAY
GARAGE APARTMENT - REMOVED FROM SCOPE
TOTAL ESTIMATED DESIGN FLOW RATE = 300 GALLONS PER DAY
LONG TERM SOL APPLICATION RATE, $N = 0.20$ GALLONS PER SQUARE FOOT PER DAY
MINIMUM REQUIRED APPLICATION AREA = $Q/N = 1,500$ SQUARE FEET
ACTUAL NET AREA PROVIDED WITH DESIGN = 1,560 SQUARE FEET

SYSTEM FLOW RATE CALCULATION

780 LINEAR FEET OF EMITTER TUBING CONTAINING 390 EMITTERS @ 01 GPM PER EMITTER

2 SEGMENTS OF TUBING REQUIRING 2.0 GPM PER SEGMENT FOR FLUSHING VELOCITY

SYSTEM FLOW RATE = 39 GPM + 40 GPM = 79 GALLONS PER MINUTE

TOTAL HEAD CALCULATION:

TOTAL HEAD = ELEVATION HEAD + SYSTEM HEAD + FRICTION HEAD

ELEVATION HEAD = 8 FEET

SYSTEM HEAD -
EQUATION HEAD

Friction Head	Friction
10	0.0000
20	0.0000
30	0.0000
40	0.0000
50	0.0000
60	0.0000
70	0.0000
80	0.0000
90	0.0000
100	0.0000
110	0.0000
120	0.0000
130	0.0000
140	0.0000
150	0.0000
160	0.0000
170	0.0000
180	0.0000
190	0.0000
200	0.0000
210	0.0000
220	0.0000
230	0.0000
240	0.0000
250	0.0000
260	0.0000
270	0.0000
280	0.0000
290	0.0000
300	0.0000
310	0.0000
320	0.0000
330	0.0000
340	0.0000
350	0.0000
360	0.0000
370	0.0000
380	0.0000
390	0.0000
400	0.0000
410	0.0000
420	0.0000
430	0.0000
440	0.0000
450	0.0000
460	0.0000
470	0.0000
480	0.0000
490	0.0000
500	0.0000
510	0.0000
520	0.0000
530	0.0000
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560	0.0000
570	0.0000
580	0.0000
590	0.0000
600	0.0000
610	0.0000
620	0.0000
630	0.0000
640	0.0000
650	0.0000
660	0.0000
670	0.0000
680	0.0000
690	0.0000
700	0.0000
710	0.0000
720	0.0000
730	0.0000
740	0.0000
750	0.0000
760	0.0000
770	0.0000
780	0.0000
790	0.0000
800	0.0000
810	0.0000
820	0.0000
830	0.0000
840	0.0000
850	0.0000
860	0.0000
870	0.0000
880	0.0000
890	0.0000
900	0.0000
910	0.0000
920	0.0000
930	0.0000
940	0.0000
950	0.0000
960	0.0000
970	0.0000
980	0.0000
990	0.0000
1000	0.0000

36 FEET OF 1/2" PVC @ 7.9625 = 11 FEET

12 FEET OF 1" PVC @ 3.9 GPM = 0.2 FEET

TOTAL SUPPLY LINE FRICTION HEAD = 13 FEET

FRICITION HEAD, SCHEDULE 40 PVC RETURN LINE:

20 FEET OF 1" PVC @ 2.0 GPM = 0.1 FEET
4 FEET OF 1/2" PVC @ 1.0 GPM = 0.1 FEET

TOTAL RETURN LINE FRICTION HEAD = 22.55'

FRICION HEAD THROUGH EMITTER TUBING = 10 FEET

FRICION HEAD THROUGH FILTER = 10 FEET

MISCELLANEOUS FRICTION HEAD = 10 FEET

TOTAL HEAD = 8 FEET + 45 FEET = 53 FEET

AE APPROVED

OCT 11 2007

RLS

284-6

GENERAL NOTES

1. INSTALLATION OF THIS SYSTEM SHALL NOT BEGIN UNTIL A PERMIT TO CONSTRUCT HAS BEEN OBTAINED AND POSTED ON SITE. COMMENCING INSTALLATION WITHOUT A POSTED PERMIT IS A VIOLATION OF LAW.
2. ALL PILING SHOULDS SHALL BE CONSTRUCTED OF SCHEDULED 40 PVC UNLESS NOTED OTHERWISE ON SITE PLAN OR SECTION DETAIL.
3. VEGETATION WITHIN THE VICINITY OF THE PROPOSED SYSTEM COMPONENTS SHALL BE PROTECTED. IT IS POSSIBLE THAT DAMAGE MAY OCCUR TO TREES AND VEGETATION DURING THE CONSTRUCTION OF THE SYSTEM. THEREFORE, THE INSTALLER SHALL BE RESPONSIBLE FOR VEGETATION REPLACEMENT, REMOVAL AND/OR TRIMMING OF TREES AND VEGETATION MAY BE REQUIRED TO PROPERLY INSTALL AND OPERATE THIS SYSTEM.
4. NO WATER WELL MAY BE EXISTING CLOSE TO THE PROPOSED SYSTEM. ALL WATER HELLS LOCATED 50 FEET OR LESS FROM ANY PROPERTY LINES MUST BE PRESSURE CEMENT CAGED TO A DEPTH OF NO LESS THAN 10 FEET. NO WATER HELL MAY BE INSTALLED LONGER THAN 10 FEET FROM ANY PROPERTY LINE. ALL WATER LINES SHALL REMAIN AT LEAST 10 FEET FROM ALL SYSTEM DRAINFIELD.
5. TO THE BEST OF MY KNOWLEDGE THERE APPEAR TO BE NO EDWARDS AQUIFER RECHARGE FEATURES WITHIN 150 FEET OF THIS PROPOSED SEPTIC SYSTEM.
6. THE OWNER SHALL DELIVER TO THE PERMITTING AUTHORITY AN APPROVAL/CERTIFICATION LETTER UPON REVIEWING THE INSTALLED SYSTEM. APPROVAL SHALL BE GRANTED UNTIL AN INSPECTION OF THE SYSTEM IS REQUIRED. IF THE REQUIRED INSPECTIONS AND REQUIREMENTS ARE ACHIEVED AND ALL FEES TO THE DESIGNER AND THE PERMITTING AUTHORITY ARE PAID IN FULL, A LICENSE TO OPERATE SHALL BE ISSUED BY THE PERMITTING AUTHORITY AND USE MAY NOT BEGIN UNTIL RECEIPT OF THE LICENSE TO OPERATE. USE OF AN ON SITE SEPTIC SYSTEM WITHOUT A LICENSE TO OPERATE IS A VIOLATION OF STATE AND LOCAL LAWS AND REGULATIONS PUNISHABLE BY FINES AND/OR CONDEMNATION OF PROPERTY.
7. THIS PLAN IS INTENDED FOR USE AS AN INSTALLATION GUIDE. THE DIMENSIONS AND LOCATION OF THE PROPERTY AND SITE FEATURES NOTED HEREON ARE BASED ON THE INFORMATION PROVIDED BY THE OWNER, BUILDER OR INSTALLER. THE USER OF THIS PLAN IS NOT INTENDED AS A LEGAL LAND SURVEY. THE USER OF THIS PLAN SHALL BE RESPONSIBLE FOR ANY CHANGES SINCE THE ORIGINAL SITE VISIT. IT IS THE RESPONSIBILITY OF THE INSTALLER TO FIELD VERIFY ALL DIMENSIONS AND SITE RELATIONS.
8. THIS PLAN IS SITE SPECIFIC AND MAY NOT BE REPRODUCED OR PERMISSION FROM THE DESIGNER AND DELCON ENVIRONMENTAL SYSTEMS, LLC. THIS DESIGN AND THE INFORMATION WITHIN REMAIN THE OWNERSHIP OF THE DESIGNER AND DELCON ENVIRONMENTAL SYSTEMS, LLC. ADDITIONAL COPIES OF THIS DESIGN MAY BE OBTAINED BY CONTACTING DELCON ENVIRONMENTAL SYSTEMS, LLC.
9. IN MY PROFESSIONAL OPINION THIS PROPOSED SYSTEM MAY BE OPERATED WITHOUT CAUSING A THREAT OR HARM TO THE PUBLIC HEALTH OR THE ENVIRONMENT. THE OWNER IS RESPONSIBLE FOR PROPER USE OF THIS SYSTEM. SYSTEM ABUSE OR OVERUSE MAY DAMAGE THE PROPER FUNCTION OF THIS SYSTEM CAUSING FAILURES AND POTENTIALLY REQUIRING MODIFICATION OR REPLACEMENT AT THE USER'S EXPENSE.

DRAINFIELD SHALL CONSIST OF A TOTAL OF 780 LINEAR FEET OF EMITTER TUBING CONTAINING 390 EMITTERS DEVELOPING 1,560 SQUARE FEET OF APPLICATION AREA.

All Structures/Pools ETC.
must maintain 10' clearance
from AE energized power lines.



SHEET 1 - SITE PLAN - AS-BUILT

ENVIRONMENTAL SYSTEMS, L.L.C.
6101 WEST COURTYARD DRIVE
BUILDING 2, SUITE 100
AUSTIN, TEXAS 78730
(512) 582-1567

DELCO

CLIENT:	MR. STEVEN DAVIS c/o JUNE KING HOMES
STREET:	3403 RIVERCREST DRIVE AUSTIN, TX, 7874
LOT SUBDIVISION:	LOT 4 C.S. RIVERCREST ADDITION NO. 2
PERMIT AUTHORITY:	CITY OF AUSTIN WATER AND WASTEWATER
DRAWN BY:	DATE:

3401 RIVERCREST DRIVE

Case #C15-2021-0062

VARIANCE REQUEST – 3401 RIVERCREST

Portion of the City of Austin Land Development Code applicant is seeking a variance from:

-LDC 25-2-55I

Propose to amend the impervious cover:

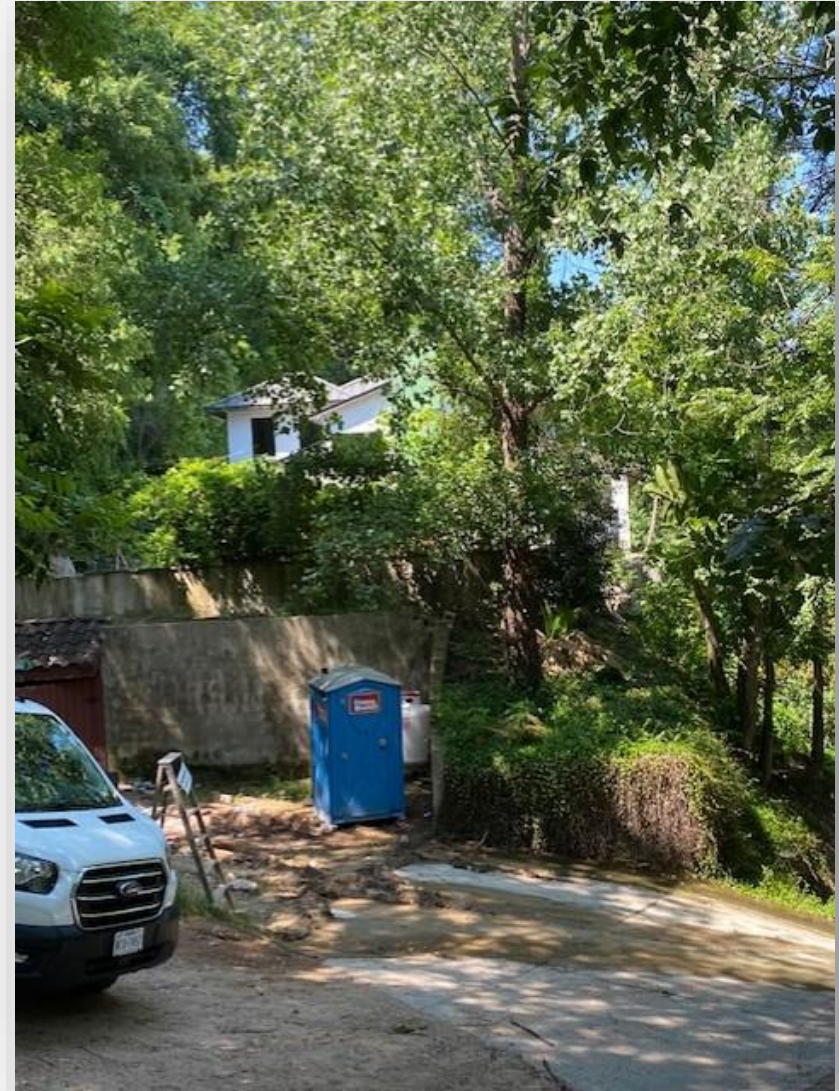
- from 53% in the 0-15% slope to 48%,
- from 54.25% in the 15-25% slope to 49%
- from 4.41% in the 25-35% slope to 18%, and
- from .83% in the 35%+ slope to 3%.

This change in IC is from 21.51% to a proposed 20.89% impervious coverage, or 8,084 SF IC to 7,883 SF IC when calculated on a gross lot area basis.

3401 RIVERCREST



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VARIANCE REQUEST



3401 RIVERCREST



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THANK YOU