

ITEM FOR ENVIRONMENTAL BOARD AGENDA

BOARD MEETING

DATE REQUESTED:

August 15, 2007

NAME & NUMBER

OF PROJECT:

HILLTOP PARK / SP-07-0101C

NAME OF APPLICANT

OR ORGANIZATION:

Gray Capital Corp.

(Alice Glasco)

LOCATION:

7015 W. US 290 Hwy.

PROJECT FILING DATE:

February 05, 2007

WPDR/ENVIRONMENTAL

Teresa Alvelo, 974-7105

STAFF:

teresa.alvelo@ci.austin.tx.us

WPDR/

Sue Welch, 974-2767

CASE MANAGER:

Sue.welch@ci.austin.tx.us

WATERSHED:

Williamson Creek (Barton Springs Zone)

Drinking Water Protection Zone

ORDINANCE:

Comprehensive Watershed Ordinance (current Code)

REQUEST:

Variance request is as follows:

1. LDC 25-8-341/342. To exceed maximum allowable

cut/fill depths.

STAFF RECOMMENDATION: Recommended.

REASONS FOR

RECOMMENDATION:

Findings-of-fact have been met.



MEMORANDUM

TO:

Dave Sullivan, Chairperson

Members of the Planning Commission

FROM:

Teresa Alvelo, Environmental Review Specialist

Watershed Protection and Development Review Department

DATE:

August 15, 2007

SUBJECT:

Hilltop Park / SP-07-0101C. 7005 US Hwy. 290 W.

Variance Request: To exceed maximum allowable cut/fill limits. LDC

25-8-341/342.

The applicant is requesting a variance in order to construct two drive-through banks, a coffee shop, and associated parking and drive at US Hwy. 290 W. and Wolfcreek Pass. Five lots are involved totaling 9.66 acres. However, 4.80 acres will be preserved as a natural area not subject to development. Proposed maximum depth for cut and fill is 11 feet.

Description of Property

This project is located in the COA's full-purpose jurisdiction, in the Slaughter Creek watershed, Barton Springs Zone. It is in the contributing zone of the Edwards Aquifer Recharge Zone, and in the Drinking Water Protection Zone. Slopes exceeding 15% are present on this project. The 100-year floodplain is not associated with this site. Zoning is CS-CO and SF-6-CO.

In order to satisfy engineering design standards for drives, parking, and structure development, a variance for cut and fill is required. The original proposed cut depth was 15 feet. However the applicant has worked closely with staff to lessen maximum cut depths to 11 feet in order to optimize preservation of the traditional and natural characteristic of the land.

The acreage proposed to be preserved as a natural area is currently zoned for condominium development. The natural area will serve as a large buffer between the proposed development and adjoining neighborhoods. Also, the natural area serves as a vegetative

filter strip for the pre-CWO development above it. A unified development agreement between the five lots will allow this project to meet the impervious cover limitation requirement of 25% net site area.

The project meets SOS requirements and also proposes to provide a rainwater collection system from the three commercial structures. These structures will meet a minimum 1.5 -star rating of Green Building Standards.

Vegetation and Site Characteristics

Vegetation includes juniper-oak savanna, which is dominated primarily by woodland and forest vegetation. Mesic (moist) slopes generally support deciduous woodlands dominated by Texas Oak, Plateau live oak, Ashe juniper, and Texas ash. Also present are Roosevelt weed, bumelia and flameleaf sumac, Chinaberry, Chinese privet and sugarberry.

Open areas associated with limestone out-crops are sparsely vegetated with twisted-leaf yucca and red yucca, accompanied by sparsely distributed native grasses and forbs.

Critical Environmental Features

There are no critical environmental features associated with this project.

Water/Wastewater

This project will be served by COA water and wastewater services.

Variance Request

The variance being requested by this project are as follows:

1. Variance from City Code Section 25-8-341 and 342-Cut/Fill Maximum Limits.

Cut and fill is proposed to a maximum depth of eleven (11) feet. This variance is required to construct the improvements in a manner that satisfy engineering requirements.

Recommendation

Staff recommends approval of the variance request. The findings-of-fact have been met, and the applicant has worked to provide a plan that seeks to preserve the traditional and natural characteristic of the land to the greatest extent possible. The applicant has proposed to preserve a natural area, a rainwater collection system, and green building standards.

<u>Conditions</u>

Staff recommends granting the variance with the following conditions:

- (1) The applicant will plant 100% COA native and/or adaptive plants and trees.
- (2) A recorded restrictive covenant will preserve the natural area from development.
- (3) The applicant will provide a rainwater collection system for the commercial structures.
- (4) The applicant will provide staff with a signed copy of a Letter of Intent (to Austin Energy) that proposes a minimum 1.5-star rating for the commercial buildings.
- (5) Cut and fill is limited to a maximum of 11 feet.

Similar Cases

Pedernales Electric Cooperative / SP-06-0066D.

March 15, 2006.

Slaughter Creek Watershed / Barton Springs Zone.

Circle Drive.

Variance:

LDC 25-8-341/342. To exceed cut/fill limits of 4 feet.

Recommended with conditions:

- (1) Applicant will provide dust control for caliche parking area.
- (2) Applicant will utilize the Grow Green guide for landscaping.
- (3) Applicant will provide 100% replacement for all Class I removed trees 8" or greater.
- (4) Applicant will utilize an IPM plan.
- (5) Applicant will not use coal tar sealants.

Environmental Board Conditions:

(See attached EV Board Motion for extensive conditions.)

Vote: 6-0-0-3.

If you have any questions or need additional information, please feel free to contact me at

974-7105.

Teresa Alvelo, Environmental Review Specialist Watershed Protection and Development Review

Ingrid McDonald

Environmental Program Coordinator:



Watershed Protection and Development Review Department Staff Recommendations Concerning Required Findings Water Quality Variances

Application Name:

Hilltop Park

Application Case No:

SP-07-0101C

Code Reference:

LDC 25-8-341/342

Variance Request:

To exceed maximum allowable 4' cut/fill limits.

A. Land Use Commission variance determinations from Chapter 25-8, Subchapter A – Water Quality of the City Code:

1. The requirement will deprive the applicant of a privilege or the safety of property given to owners of other similarly-situated property with approximately contemporaneous development.

Yes The requirement will deprive the applicant of a privilege or the safety of property given to owners of other similarly-situated property with approximately contemporaneous development. Cut/fill is a necessary component of this project in order to meet engineering specifications for parking, structures, and drive.

2. The variance:

a) Is not based on a condition caused by the method chosen by the applicant to develop the property, unless the development method provides greater overall environmental protection than is achievable without the variance;

Yes The variance is not based on a condition caused by the applicant. In addition, the applicant is proposing greater overall environmental protection to provide a natural area that will serve as a natural vegetative area for development upslope of the natural area.

b) Is the minimum change necessary to avoid the deprivation of a privilege given to other property owners and to allow a reasonable use of the property;

Yes The applicant will be deprived of reasonable use of the property if the variance is not granted. The cut/fill is necessary to enable adequate development of this lot.

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

Yes The development does not create a significant probability of harmful environmental consequences as SOS water quality standards will be met, and

additional steps such as providing for a rainwater collection system, green building standards meeting at least a 1.5-star rating, and a natural area that will serve to provide water quality aspects for pre-CWO development upslope of the natural area.

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

Yes Water quality will meet SOS standards and also provide water quality treatment for off-site development.

- B. Additional Land Use Commission variance determinations for a requirement of Section 25-8-393 (Water Quality Transition Zone), Section 25-8-423 (Water Quality Transition Zone), Section 25-8-453 (Water Quality Transition Zone), or Article 7, Division 1 (Critical Water Quality Zone Restrictions):
 - 1. The above criteria for granting a variance are met;

N/A

2. The requirement for which a variance is requested prevents a reasonable, economic use of the entire property; and

N/A

3. The variance is the minimum change necessary to allow a reasonable, economic use of the entire property.

N/A

Reviewer Name: To

Teresa Alvelo

Reviewer Signature:

Date: August 15, 2007

Staff may recommend approval of a variance after answering all applicable determinations in the affirmative (YES).

VICKREY & ASSOCIATES, Inc.

CONSULTING ENGINEERS

July 25, 2007

City of Austin
Watershed Protection and Development Review Department
Attn: Ms. Virginia Hsu, P.E.
PO Box 1088
Austin, Texas 78767

RE: Hilltop Park Variance Request for Cut and Fill in Excess of Four Feet 7005 US Highway 290 West SP-07-0101C

V&A Job No. 2137-001

Dear Ms. Hsu:

This letter is to request a variance from Section 25-8-341 and 25-8-342, cut and fill in excess of four feet, for the above project. After reviewing many options, without this variance, this 9.66 acre site, which has over 6.7 acres of 0-15% land, cannot be developed. Areas of cut and fill in excess of four feet are shown on the attached slope map.

A restrictive covenant, which was a condition of the original zoning for this site, requires its driveway entrance on US 290 West to be at the intersection of Highway 71 West and 290 West. TxDOT later condemned and purchased from the owners an additional 95 feet of ROW at this point, and plans to build new frontage roads for 290 West at essentially the same existing grade (elevation 857+). The existing ground elevation at the ROW is approximately 866+, which places this required drive in nine feet of cut at its beginning entry. Currently, over 60,000 vehicles pass this location daily.

This entry drive continues into the site at 10%, which is as steep as a commercial drive can safely be designed. The same restrictive covenant requires that this drive connect with Wolf Creek Pass. The tie-in elevation for the drive at Wolf Creek is at approximately elevation 890+, which makes the slope of this portion of the drive an average of 7.5%. Engineering examined many options in reaching this requirement.

Even using these maximum slopes, cuts of up to 11 feet are needed for this site. We are pleased to note, the site is being developed so that over 6.6 acres remain in a natural state, creating a large buffer between this relatively small commercial development directly on US Highway 290 Frontage, and the adjoining neighborhood.

The original site plan submitted in February 2007 for this project required up to 15 feet of cut. After extensive counsel with staff, the site buildings were relocated forward toward US 290 West so the maximum cut required was reduced about 30% to the 11 feet requested. This cut occurs along the rear (south) of the project, and the retaining wall in this area has been redesigned as a staggered wall with separate rises, each no greater than four feet. Landscape planting areas separate these wall sections to provide a more appealing look, as seen in other Austin projects, and to avoid a monolithic structure.



Ms. Virginia Hsu July 25, 2007 Page 2 OF 2

Other than this variance, this development is being designed in accordance with all SOS requirements. Rainwater harvesting is also being provided for the three small proposed commercial buildings, which will be constructed to meet several Green Building Standards.

This variance request is not based on a condition caused by the method chosen to develop the property. It represents the minimum change needed to allow a reasonable use of the property and does not create a significant probability of harmful environmental consequences. Engineering reviewed many options in arriving at this decision.

Water quality is not compromised because this project is designed to meet SOS water quality standards by provision of a re-irrigation system. This project is also designed to provide a large natural area (over 69% of the total project acreage) upslope of the development rather than developing this area as condominiums, for which it is zoned. The large natural area provides a buffer between the development and the existing neighborhood, and also acts as a vegetative filter strip, providing water quality for the older neighborhood on the hillside above the property, which was constructed without any water quality features. Approval of this variance will allow this sensitively designed site plan by the owners to proceed and will preserve much of the sites natural area adjacent to private homes as an alternative to a much denser 19 unit condominium site.

Please contact me if you have any technical engineering questions concerning this important variance request. Thank you for this consideration.

Sincerely,

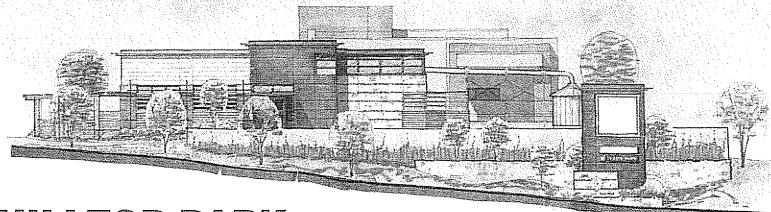
VICKREY & ASSOCIATES, INC

Steven Frost Senior Project Manager

SF/agt



CITY OF AUSTIN REQUEST FOR CUT/FILL VARIANCE



HILLTOP PARK

7005 US Hwy 290, Austin, Texas



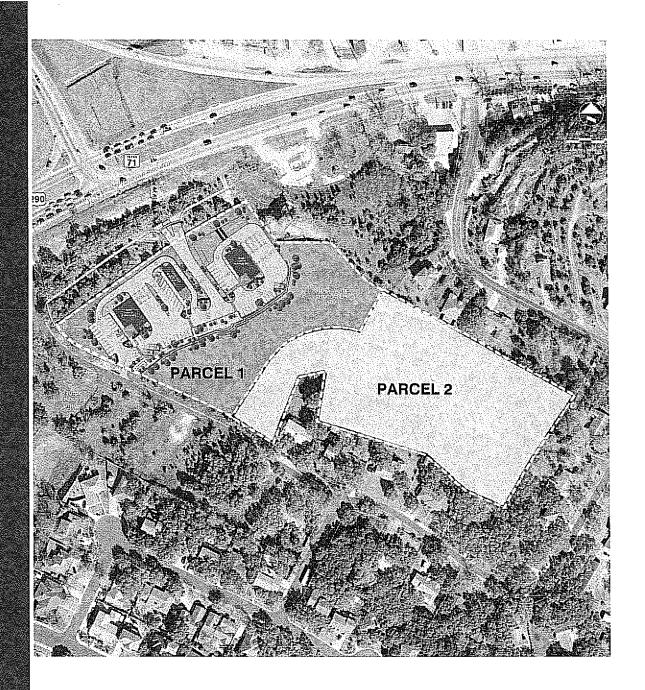
SITE INFORMATION

■Total Acreage: 9.6

Parcel 1 - 4.812 acres
 zoned CS-CO allowing
 commercial uses

■Parcel 2 – 4.848 acres zoned SF6-CO allowing 19 condominiums

•Three pad sites totaling approximately 10,000 square feet, all concentrated as close as possible to US Highway 290



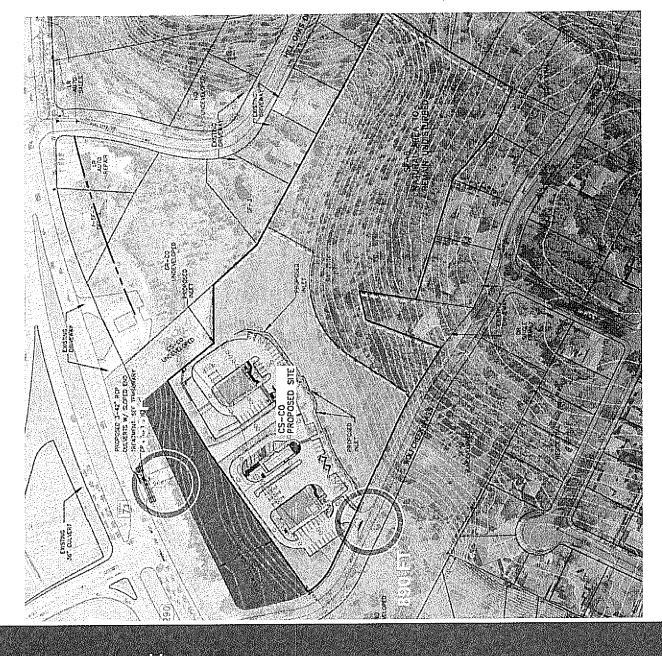
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rRestrictive Covenant requires driveway at 290W/71 intersection and Wolf Creek Pass

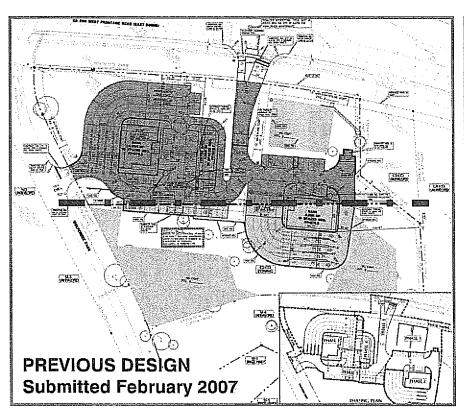
-TXDOT has condemned as much as 150 feet of R.O.W.

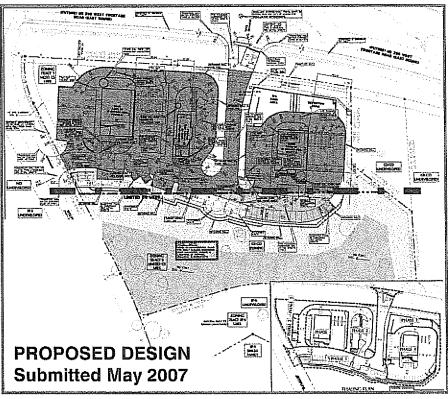
-SOS compliant project

Complies with Commercial Design Standards



SOLUTION: DESIGN CHANGES





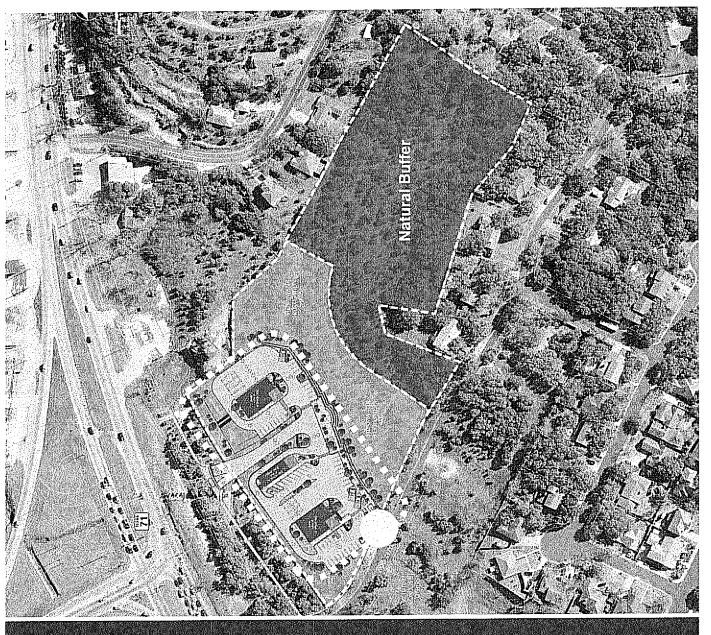
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SOLUTIONS

NEIGHBORHOOD SENSITIVITY

Approximately 4.85
acres left in natural
state (buffer to
neighborhood)

-Cluster project development to minimize visual impact Provides pedestrian connectivity with neighborhood



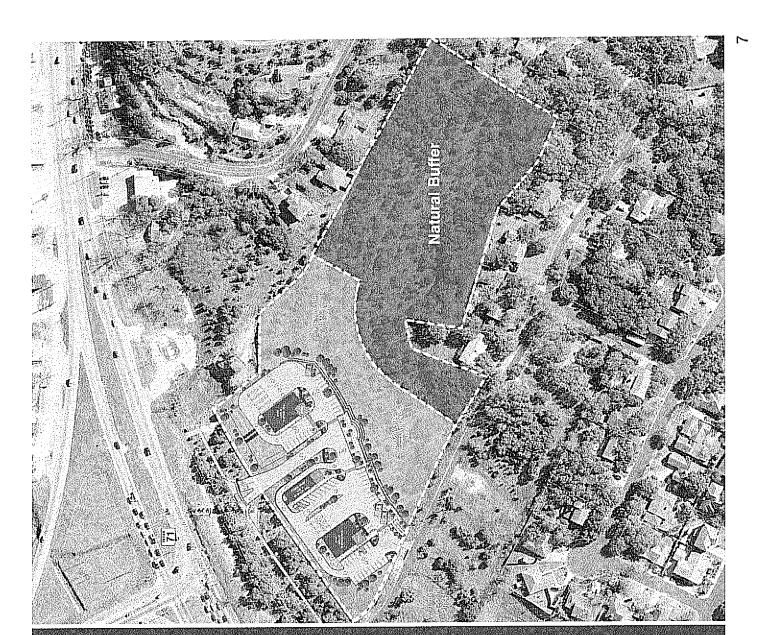
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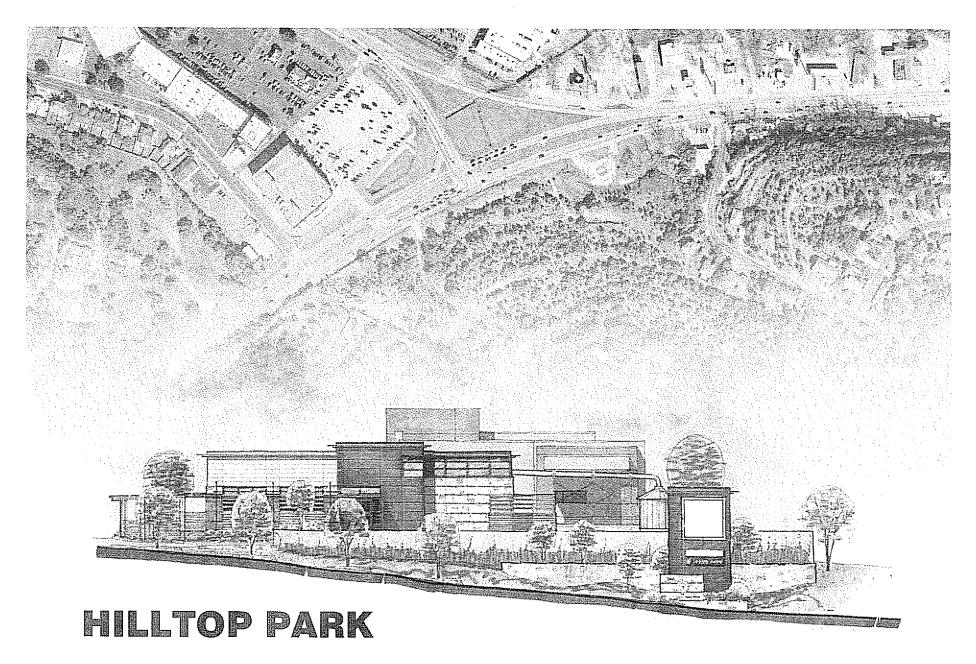
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harvesting and reuse for landscape irrigation. - Reduced Site funoff inrovela reminariar

measures, including:
-Sustainable site selection /Additional green building

- Dust conitrol
- Grow Green lamescape
 - design ∎Use of an IPM plan
- INo coal far sealants





7005 US Hwy 290, Austin, Texas

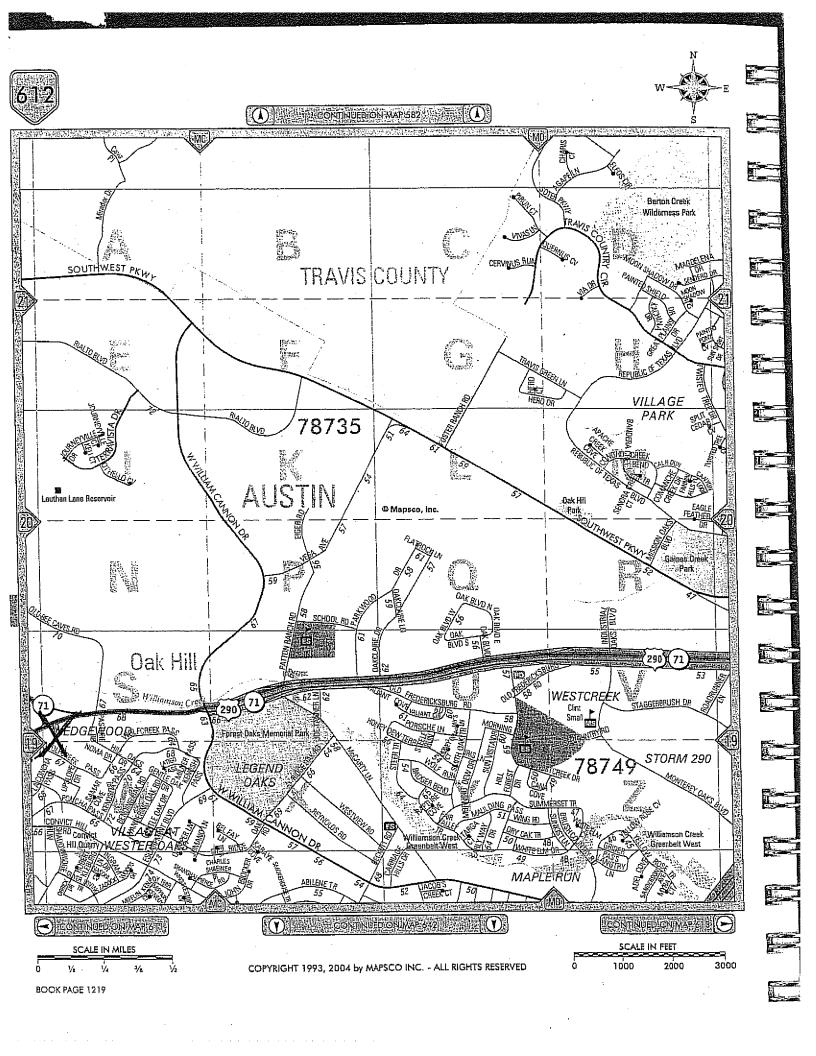


DIRECTIONS TO HILLTOP PARK

SP-07-0101C

Take US Hwy. 290 west to S.H. 71.

At the intersection of 290 and S.H. 71, see Wolf Creek Pass on the south side of that intersection.





ENVIRONMENTAL BOARD MOTION 081507-B1

Date:

August 15, 2007

Subject:

Hilltop Park SP-07-0101C

Motioned By: Phil Moncada Seconded by: Rodney Ahart

Recommendation

The Environmental Board recommends **approval** with conditions of a variance request to Land Development Code 25-8-341 and 25-8-342 – To exceed the maximum allowable cut and fill.

Staff Conditions

- 1. The applicant will plant 100% City of Austin native and or adaptive plants and trees.
- 2. A recorded restrictive covenant will preserve the natural area from development
- 3. The applicant will provide a rainwater collection system for the commercial structures
- 4. The applicant will provide staff with a signed copy of a Letter of Intent (to Austin Energy) that proposes a minimum 1.5 –star energy rating for the commercial buildings.
- 5. Cut and fill is limited to a maximum of 11 feet.

Board Conditions

City of Austin staff will clarify condition number 2 to preserve both re-irrigation areas and natural areas to remain undisturbed.

Rationale

Findings of fact have been met. Applicant has worked closely with City of Austin staff to revise development application. 4.5 acres will remain as natural buffer and meets Save Our Springs ordinance. No Critical Environmental Features (CEF"S) on site, City of Austin Water and Wastewater service is the site.

Vote 7-0-0-1

For: Anderson, Maxwell, Moncada, Curra, Neely, Dupnik and Ahart

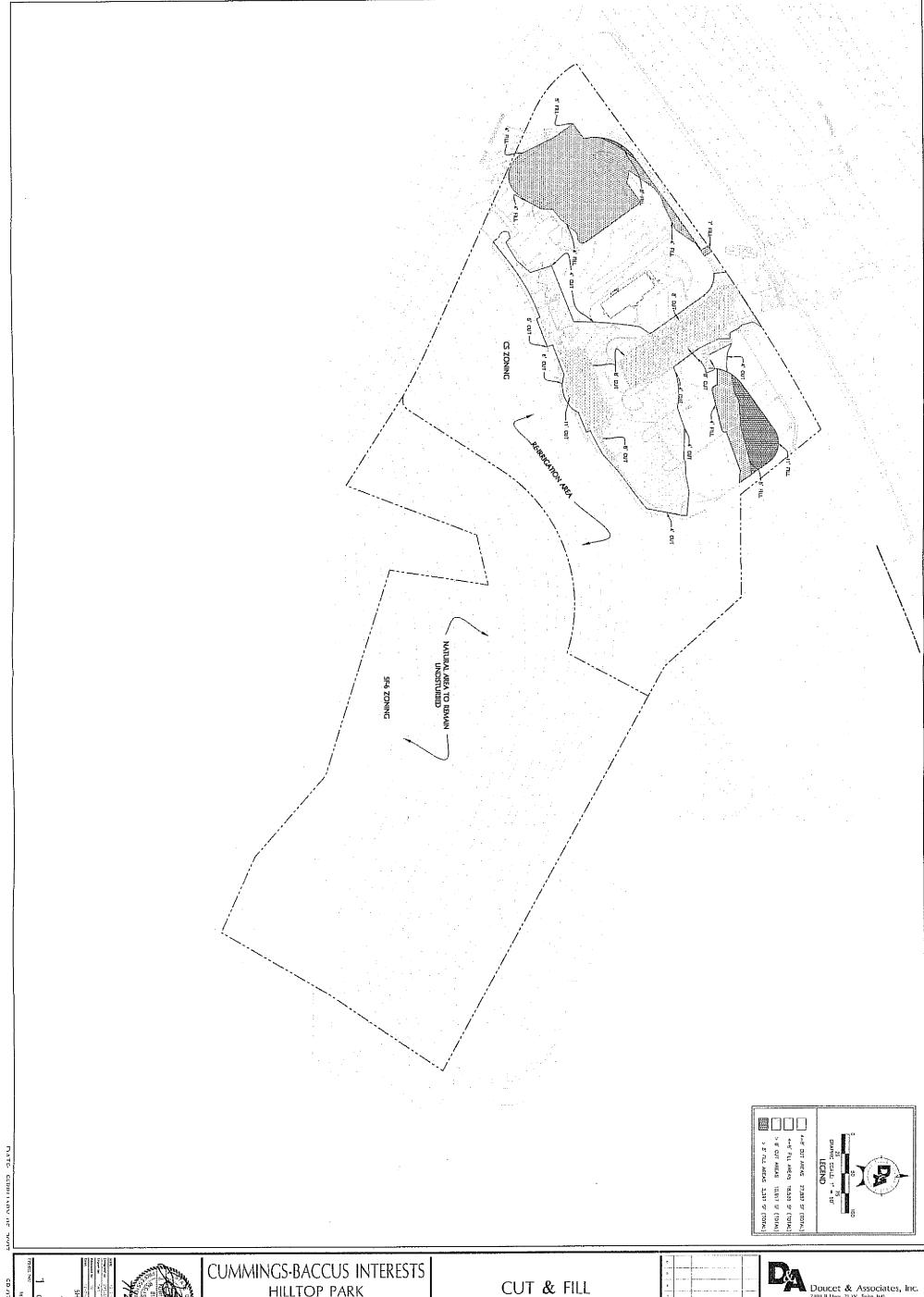
Against:

Abstain:

Absent: Beall

Approved By:

Dave Anderson P.E., SFM Environmental Board Chair



HILLTOP PARK 7015 W. U.S. 290 HWY. AUSTIN, TEXAS

HILLTOP PARK

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Doucet & Associates, Inc. 7401 B Hwy. 71 W., Suite 160 Austin, Texas 78735, Phones (\$12) \$81-7800 [as: [512] \$85-2601

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DATE FERRIARY OF 2007 SP-07-0101C



CUMMINGS-BACCUS INTERESTS





MEMORANDUM

TO:

Pervez Moheet, Acting Director

Austin Water Utility

FROM:

Patrick Murphy, Environmental Officer

Watershed Protection and Development Review Department

DATE:

August 31, 2007

SUBJECT:

Overlook Estates Phase II SER #2644

We have completed our review and are recommending the proposed Overlook Estates Phase II SER to increase the capacity of an existing water line in order to meet current fire flow requirements. We have determined that the SER will not increase development intensity over current code requirements and will not create any additional water quality impacts.

You will find attached, a staff analysis of Overlook Estates' request for service. We will present our analysis of the request to the environmental board at their next meeting on September 5, 2007. Please do not hesitate to contact me at 974-2821or Robbie Botto at 974-2187 with your questions or comments.

Sincerely.

Patrick Murphy, Environmental Officer

Watershed Protection and Development Review Department

PM:rbb

cc: Victoria L. Li, P.E., Director WPDR

Nancy McClintock, Assistant Director, WPDR

Tom Ennis, P.E., Division Manager, ERM, WPDR

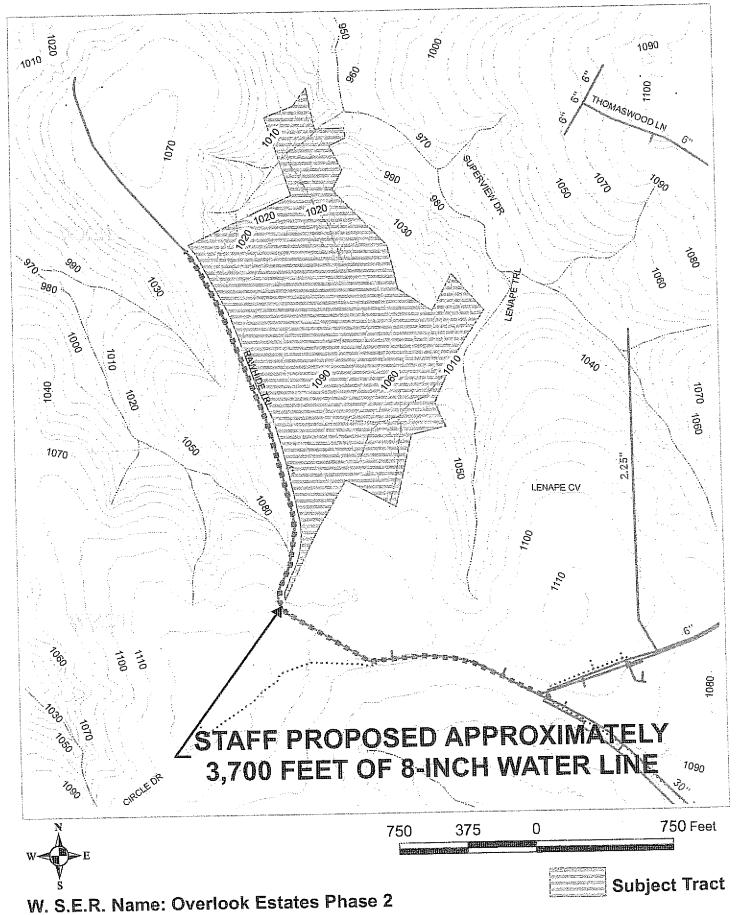
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WATER AND WASTEWATER SERVICE EXTENSION REQUEST FOR CONSIDERATION

#310434

Name: OVERLOOK ESTATES PHASE 2		Se	rvice Requested: Water	
S.E.R. No.: 2644			Date Received: 04/24/2007	
Location: RAWHIDE TRL AUSTIN TX 78736- C	OVERLOOK ESTAT	ES PHASE 2 (TCAD TAX	PARCEL 04()2580216)	
Acres: 40.9	Land Use: SI	VGLE FAMILY		
Alt. Utility Service or S.E.R. Number: Onsite Sew	age Facilities			
Quad(s): WZ20 WZ21			DDZ: NO	
Drainage Basin: BARTON	P	ressure Zone: SWC1	DWPZ: YES	
Flow: (Estimated Peak Hour Flow, Gallons per Minute) 88 GPM			% Within City Limits: 0	
Cost Participation: \$0.00			% Within Limited Purpose:	0
Completion and acceptance of the improvement 1) Construction of all Service Extensions is subject 2) Service Extensions are subject to the guidelines Service. 3) The level of service approved by this document 4) Approval of a site plan that meets the Fire Depa 5) The proposed offsite water improvements smult 6) The proposed offsite water improvements must must be in place prior to Construction Plan approv 7) The approved Service Extension will automatic accepted by the Watershed Protection and Develop expires, or if approved, on the date the development 8) Approval by the City Council will be required b	s described above ar to all environmental established in the Lan does not imply commented trement requirements fe e dedicated to The Ci be placed in the publical, ally expire 120 days a ment Review Depart to application approva	ad the conditions set forth and planning ordinances. It Development Code, Sectioner for land use, or fire control. It of Austin for ownership, a right-of-way or Approved firer date of approval unless ment. The Service Extension of the services.	ion 25-9, Water and Wastewater Utili operation, and maintenance. I Utility Easements. Utility Easement a development application has been	S .
Prepared By	Date	Division Manager	Utility Development Services	Date
Division Manager, System Planning	Date		neering Program, AWU	Date
Division Manager, Facility Engineering	Date	Director, Austin W:	nter Utility	Date
Waterhad Protection	Thate			



W. S.E.R. Number: 2644

Service Extension Request (Water) Overlook Estates Phase II (SER #2644)

1) Will future development be required to comply with current code?

No, Overlook Estates Phase II will comply with the Barton Creek Watershed Ordinance in conformance with the approved preliminary plan.

2) Does the requested service result in more intense development than would be possible absent the service?

No, the development will utilize individual, onsite wastewater systems that limit the residential density to a minimum, one acre lots. This is consistent with the amount of development that could occur under current regulations with on-site wastewater systems. The existing water service does not provide adequate capacity for fire flow.

3) If so, is the development in an area in which we are encouraging development?

N/A

4) Would centralized service solve known or potential environmental problems?

Yes, centralized water service could reduce groundwater demand in an area of limited groundwater availability.

5) Is serving the area consistent with long term service area and annexation goals?

Yes, Overlook Estates Phase II is located within the city's CCN service area, but not in an area subject to near term annexation. City planners have indicated that it could be the subject of future, long-term annexation.

RESTRICTIVE COVENANT AMENDMENT REVIEW SHEET

CASE: C8F-79-067.RCA

Z.A.P. DATE: August 14, 2007

ADDRESS: 4 Humboldt Lane

OWNER: James T. Vanderslice

AGENT: Jim Bennett

EXISTING ZONING: LA

AREA: 8.386 acres

REQUEST: The owners of the property at 4 Humboldt Lane request to amend an existing restrictive covenant in order to construct a boat dock and tram. The conditions of the restrictive covenant prohibit this construction.

SUMMARY ENVIRONMENTAL BOARD RECOMMENDATION:

To Be Determined

SUMMARY PLANNING COMMISSION RECOMMENDATION:

To Be Determined

SUMMARY STAFF RECOMMENDATION:

Staff does not recommend termination of the existing restrictive covenant for the subject property. The termination of the existing restrictive covenant would eliminate restrictions placed on the lot under environmental regulations at the time of the subdivision's approval, and eliminate restrictions placed on the lot that were conditions of approval of six variances granted by the Planning Commission.

DEPARTMENT COMMENTS:

The subject property consists of approximately 8.386 acres fronting the cul-de-sac of Humboldt Lane. The lot is zoned LA and is in both the full and limited purpose jurisdiction of the City of Austin, with a portion that is also located in the 2-mile ETJ. A restrictive covenant was imposed on the entire subdivision that incorporated the environmental regulations set forth for single family development at the time of the Interim Lake Austin Ordinance. These restrictions included: building sites, building foundations, fills and cuts and driveway grades.

The conditions of the restrictive covenant that affect the construction of boat docks and trams are additional restrictions included in the covenant for all 18 lots that front Lake Austin. More specifically, a "Lake Austin Bluff Line" was defined and restrictions of "no development" were imposed below the bluff line delineation. The bluff was identified as a significant land feature meant for protection when the subdivision was approved and would be defined as a critical environmental feature under current environmental regulations. Six variances were approved by the Planning Commission for approval of the subdivision, and the restrictions related to the bluff line were imposed as conditions of approval.

EXISTING ZONING AND LAND USES:

LA zoning and residential land uses

WATERSHED: Lake Austin

DESIRED DEVELOPMENT ZONE: No

CAPITOL VIEW CORRIDOR: N/A

HILL COUNTRY ROADWAY: N/A

NEIGHBORHOOD ORGANIZATIONS:

Austin City Park Neighborhood Association Rob Roy Homeowners Association

SCHOOLS:

Eanes Independent School District

CASE HISTORIES:

Planning Commission Approval: The Planning Commission approved the subdivision along with certain conditions placed in the restrictive covenant as condition of the approval of six variances on April 24, 1979.

Restrictive Covenant: The restrictive covenant was recorded with the Rob Roy Phase 2 subdivision on August 29, 1979.

CITY COUNCIL DATE:

ACTION:

To Be determined

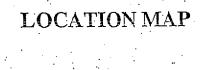
ORDINANCE READINGS:

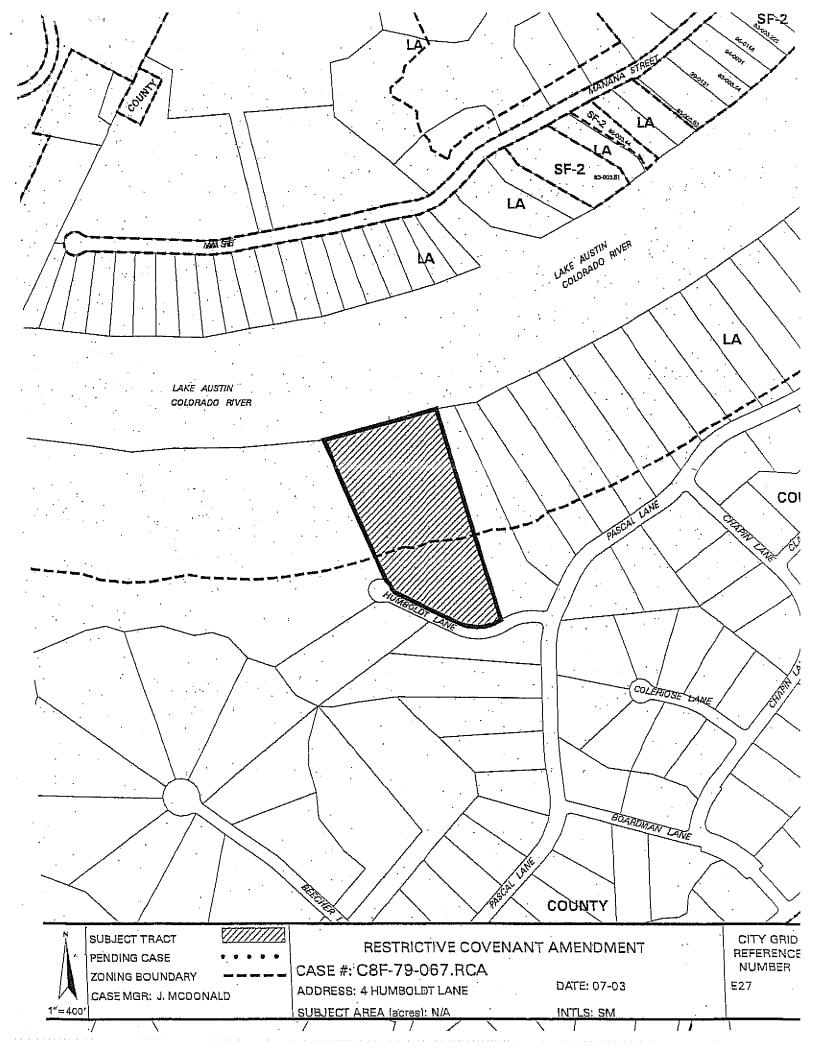
ORDINANCE NUMBER:

CASE MANAGER: John M. McDonald, WPDRD

E-MAIL: john.mcdonald@ci.austin.tx.us

PHONE: 974-9795





PROPOSED MODIFICATION

The proposed modification is to remove Lot 52 Block E from the restrictive covenant. This would eliminate any development restrictions placed on the property under the ordinance in which it was approved and any additional restrictions placed on the property through approval of variances received.



RESIDENTIVE COVENANT FOR ROB ROY SUBDIVISION

900

THE STATE OF TEXAS - 4158 - 9,00

2-09-6643

COUNTY OF TRAVIS

KNOW ALL MEN BY THESE PRESENTS:

THIS DECLARATION, made this 14th day of August,
1979, by AUSTIN ROB ROY CORPORATION, a Texas corporation, hereinafter referred to as "Declarant".

RECITATE

 Declarant is the owner of all that certain real property located in Travis County, Texas, described as follows:

Rob Roy Subdivision, Block A, Lots 1 through 10; Block B, Lots 1 through 8; Block C, Lots 1 through 18; Block D, Lots 2 through 52; Block E, Lots 1 through 68; Block F, Lots 1 through 17; Block G, Lots 1 through 31; Block H, Lots 1 through 2 the Block H, Lots 1 through 34, an addition in Travis County, Texas, according to the map or plat thereof, recorded in Lock Page of the Plat Records of Travis County, Texas.

Declarant will convey the above described Property, subject to certain restrictions as hereinafter set forth.

NOW, THEREFORE, it is hereby declared that all of the Property described above shall be held, sold and conveyed, subject to the following restrictions for the purposes set forth above and for protection of the value and desirability of the Property. The following restrictions shall run with the Property and shall be binding on all parties having any right, title or interest in or to the above described Property or any part thereof, and their heirs, successors and assigns; and which restrictions shall inure to the benefit of each owner thereof.

ARTICLE I DEPINITIONS

1.01 "Owner(s)" shall mean and refer to the recorded Owner, whether one or more persons, associations or entities, of legal, equitable or beneficial title of or to any lot. Owner shall include purchaser of a lot under an executory contract for sale of

DEED RECORDS
Travis County, Texas

6673 1697

real property. The foregoing does not include persons or entities who hold interest in any lot merely for the security for the performance of an obligation.

- 1.02 "Property" shall mean and refer to that certain real (y-1) b d d property described in Recital 1 above.
- 1.03 "Lot" shall mean each purcel of land shown as a lot on the recorded final plat map of the Property and designated on said map by a separate number, or any subsequent subdivision thereof.
- 1.04 "Improvements" shall mean the buildings, garages, carports, roads, antennas, driveways, parking areas, walls, hedges, plantings, planted trees and shrubs, and all other structures or landscaping improvements of every kind and type affecting the natural condition of the land or the dreinage of surface waters on, across or from the land.
- 1.05 "Single Family" shall made a droup of one or abte persons related to each other by blood, marriage, or legal adoption, or a group of not more than three persons not all so related, together with their domestic servants to maintain a common household in a dwelling.
- 1.06 "Single Family Residential Use" shall mean the occupation or use of an Improvement by a Single Family in conformity with this Declaration and the requir ments imposed by applicable zoning laws or any other State, County or Municipal laws, rules, regulations, codes or ordinances.
- 1.07 "Building Site" shall mean and refer to that portion of any of the above defined lots within the front setback and other lot lines upon which a single family residence may be constructed.
- 1.08 "Lake Austin Bluff Line" shall be the areas designated on the Plat as the Lake Austin Bluff Line, which shall be the 675 foot contour line.

ARTICLE II RESTRICTIONS

- 2.01 <u>Building Foundations</u>: All building foundations on slopes of 15% or greater or on fill placed upon such slopes shall?—Uy-1564, utilize design and construction practices certified by a registered professional engineer qualified to practice in this field and such design shall be placed on file with the City of Austin Engineering Department.
- 2.02 Fills and Cuts: No fill on any lot shall exceed a maximum of three feet of depth. Except for structural excavation, no cut on any lot shall be greater than six feet.
- 2.03 <u>Driveway Grades</u>: Every lot shall be reasonably accessible by vehicle from the roadway to the probable Building Site. For a minimum travel distance of twenty-five feet from the roadway edge, the driveway grade may exceed (14%) only with specific approval of surface and geometric design proposals by the Director of the Engineering Department or his designee.
- 2.04 <u>Lake Austin Bluff Lines</u>: There shall be no development, Improvement, or Structure, temporary or permanent, below the line shown on the Plat as designating the Lake Austin Bluff Line. Such areas are to be left totally and completely in their natural state. All activity and Improvement, including, but not limited to, ladders, elevators, stairs, walkways, etc., are expressly prohibited.

ARTICLE III MISCELLANEOUS

3.01 Modification: The restrictions of this restrictive covenant are derived from the City of Austin, Texas, Ordinance No. 780105-C. In the event that said ordinance becomes less restrictive concerning building foundations, building sites and driveways, this covenant shall be amended to follow such less restrictive ordinance, but in the event that such possible ordinance changes become more restrictive, the restrictions of this covenant shall remain in effect. This covenant may be modified, amended or terminated only by a majority vote of a quorum of the members of the City Council of the City of Austin, or such other governing body as may succeed the City Council of the City of Austin, and joined by the undersigned Declarant.

3.02 Enforcement: If any persons, person, firm, corporation or entity of any other character shall violate or attempt to violate the restrictions contained berein, the City of Austin, a municipal corporation, its successors and assigns, shall have the city of Austin, a right to enforce these restrictions by proceedings at law or in equity to prevent said violation or attempted violation thereof.

EXECUTED this 14th (ay or August 1979.

AUSTIN ROB ROY CORPORATION

By Annual August 1979.

THE STATE OF TEXAS

BEFORE ME, the undersigned authority, on this fay personally appeared JOEN C. WOOLEY & GARY BRADLEY . President & Secretary of AUSTIN ROB ROY CORPORATION, a Texas corporation, known to me to be the person and officer whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed, as the act and deed of said corporation, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this $\underline{14th}$ day of August . 1975.

NOTARY SEAL

Notary Public, Travis County) Texa

My Commission Expires:

5-10-81

Aug 12 3 00 FM 178

STATE OF TEXAS

I horeby cartify that this inchrument was FILED on the
date and at the link stamped hereon by ma; and was duy
RECONDER, in the Yolune and Page of the named RECONDE
Of Trayle County, Teasy, as Elemped hereon by ma. on

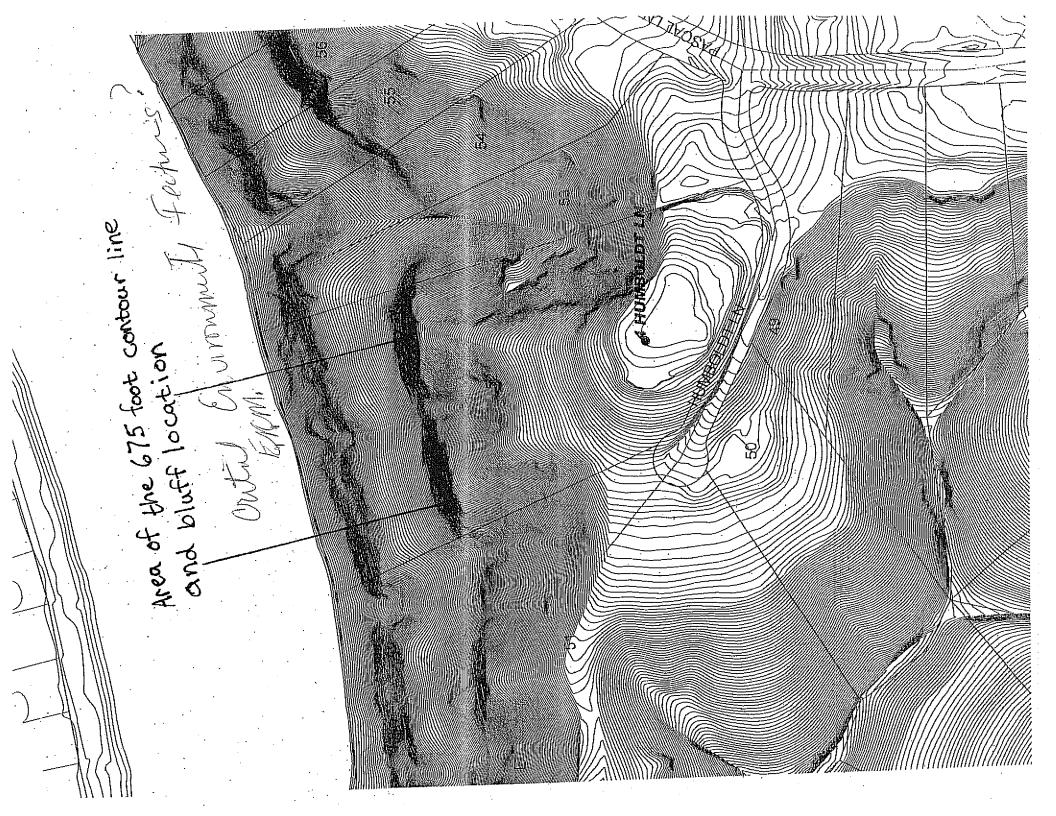
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COUNTY CLERK TRAINS COUNTY, TEXAS

5673 1700

CONTOUR MAP



PLANNING COMMISSION BACKUP FROM APRIL 24, 1979 (microfiche copies)

Thorthwood V-core Torth C8-79-28

- Subdivision is classified as apper and Allestreets, drainage, sides walks, water and wassewater and present the constructed to Gity standards with John Table From Barrangements therefor, (Sec. 4) und 41-14)
- B. Connection as required to the Character and wastewater ystems. (Sec. 4148 and 4417)

Information:

This subdivision is applied within eastin, in the Austin Indpendent School District and a finithe Manual Cureek watershed.

Mrs. Schechter asked about the discrepancy of the number of lots. Gordon Davis explained that 40 histornect filed single family presidences will be built on the entire tract and that its the reasonable that hange in the number of lots.

COMMISSION VOTE

Mr. Dixon moved to grant approvan subject to the recommendations. Mrs. Schechter seconded the motion.

Unanimous 3

THE MOTION PASSED BY A VOTE OF

Rob Roy Phase Wood Loop 360 30

Walt Darnyshire stated stall world trecomposition approval; delete Item 8.3, to grant Variances 1, 2 and 1 to disapprove Variance No. 5; to disapprove Variance No. 6. Approvent addense with recompositions 1, 3 5 and 7, for part of 2, 3, and does not agree was a sand by the appropriate value of 2, 5 and 10, for part of 2, 3, and does not agree was a sand by the appropriate value.

<u>Synopsis</u>:

The staff recommends disciplification would not be used minary nlan until ordinance red mements are minimally and mance red mements are minimally and mance red mements are minimally and management and

Ordinance Requirements - Pre laminary Strage

The subdivision issalassified assorban and all streets, desinage, sidewalks, water and wastewater, best are required to be constructed to City standards with appropriate discal arrangements. (Sec. 41-1; 41-14(d), 41-36 throws 153.44 [AB 71-49]

CR-79-32 Rob Roy Phose Blockbon 1000

- identify sidewane grow on or buth sides of Pascal Lane, one side of all residentials seed minimum subdivision side of 5t. Stephens School-Road unites variance varianted to delete sidewalts, (Sec. 41-42)
- Austla/leavis Courty-Hoatkhauthauthent approval required for ceptic tank system use from the tank system use from the form of the court
Variances 🖫

- Variance is regional to de ring again requirements for City waste-water services

 Recommend to dear provided to septic tank-use is approved as no City wasteware service savailable. (See attached letters)

 (Sec.-41-14, 41
- Variances are regulared on the length of Cicero Lane (both ends), Beecher Lane (limbol Leane, and co) unidge Lane cul-de-sacs. (See attached letter) sec (12) Recommend to grant for reasons of the provide for future extensions facilities.
- Warfances are made relief to the sporth of ablocks E. [, G:and]. (See attached letter wise. A) a200.

 Recommend at 0.20 fact. From the sport topography and low density.

 Variance is required on the sport worthe preliminary plan. (See a tached letter) (Sec. 413).

 Recommend: to gran, the to have plat size at the required scale of 1 inch to 100 fact.
- Variances are regulated to melecular sidewalks, fiscal arrangements, and location note. See a Large letter) (Sec. 41-5).

 Recommend: to disapprove is lively sare considered necessary by both Unban I ransposed on and Edition Works. (See attached letter) (Sec. 41-42 and Pediatric IIII)

 Variance is require contocurate entries all arrangements from the City to the Compytion of the band drainage improvements. (See attached letter) sary bradley, idd. April 19, 1979) (Sec. 41-14)

 Recommend: to disapprove until distribution and review can be completed by Engineering, Editor stransportation, Public Works and Legal Departments. Request for variance was submitted on April 19th; review Should shearomplete for the May 8th hearing. (NOTE: postponengru of this strayest anend not delay conditional approval of the profiminary of Editory the applicant.)

CB-79-37 Rob Roy Phase Two ston Invoc

- b. Recommendations (Cannot bearinguized unless agreed to by the owner):
 - 1. Recommend modifications shown one DataReview Print to modify cul-de-sac bubble on Partallance
 - 2. Recommend a note on [] Misplat profibiling driveway access onto 51. Stephens School Road and Pascal Tane for lots 4, 22, 76, 40, 49 and 53 Block [] Discount 20 1, 28 Block 6; lots 3, 11, 12, and 17 Block [; and] Discount 10 14 Tare 22 Block []
 - 3. Recommend that common the Neways and inpropriate access easements be provided for lots 19538 and 1970 ock E.
 - 4. Recommend 64' R.O.W stores [lixco] lectons streets.
 - 5. Pecommend that the owner postpone still's preliminary plan until low density street standards are adopted to that this development may utilize such standards. Modifications required to comply with current proposed ow density standards.
 - 6. Recommend restriction on tanks planto prohibit sewage holding tanks.
 - Recommend that restrictive covenants be placed on Lots 51 through 68 to address future development reproductible with the intent and purpose of the Lake AUSTIA Watershed Ordinance.

E. Notification of Ordinanceskequirements annual Plat

- 1. Fiscal arrangements and appropriate sidewalk location note is required with Final Table outside convertments. (Sec. 41-42)
- 2. The 25-year flood plannels required to be dedicated as a drainage easement. (Sec. 4) 44-1(e)
- 3. Submit two copies of the corrected approved preliminary plan with final plat. (Sec. 4131)
- 4. Drainage and publication tymeasements as required. (Sec. 41-13: 41-29)
- 4. Minimum building slabelevation mute is required on the final plat for lots adjacent townterway(s) Required by Iravis County)
- 6. Waterway developmentspermit is construct prior to final plat approval. (Sec. 41-47.2; 41-47.0)

CB-79-32 RobeRoy Phase Evo-scome aves

- 7. Connection required to Water 1980 a glaw Lowaler system. Letter required from Suradistrict To Tio Tinancial arrangements have been made by the system to service it is subdivision with water and that service will disprovided. (Sec. 41-52)
- 8. Show a restriction of the Ginal plate prohibiting occupancy of any lot until connect opage made to water District #10 water system and to a septic tank system and to a septic tank system and over the Austin/Travis County Health Department (Section 18)
- 9. All cuts and of land one regularity of comply with the Lake Austin Ordinance: (Sec. 11951)
- 10. Driveways are required policy exceed 14% grade for first 25 feet or as approved Dy opering the partment. (Sec. 41-35.3)
- 11. Restrictive coverage required for final plat(s) to include the following:
 - A.* All building moundations on slopes of 15% and over and on fill placed upon such slopes shall sutilize design and construction practices certified by a registered professional engineer qualified to practice, in this field and such designs shall be place up file with the City of Austin Engineering Department
 - B.* For a minimum traveled stance of 25 feet from the roadway cedge, driveway grades may be feed 14% only with specific approval notes up action and good trace design proposals by the Director of the Engineer indiperation or his designee.
 - C.* -No fill on any outshall exceed a maximum of three feet of depth. Except for structural excavation, no cut on any lot shall be greater than sixteet
- 12. Final plat(s) required to complete independently with the Lake Austin Ordinance and solutions are required to be submitted (Sec. 41-41-35-3).
- 13. Sustained conjector street grades required not to exceed 15%.
 Sustained residential street grades required not to exceed 20% (Sec. 41-37) (Sustained grades are those which occur for a distance of greater than 300 feet.)
- 14. Boat docks and any shoreline modifications required to be approved by the City Council and State Nav. gation Board. (Council Orinance)
- 15. Proposed access a neets intersection), onto Loop 360 required to be approved by the State SHIGHWAY Department. Heed letter. (State requirement.)

April 24, 1979

Plunning Commission-Australia

TROOT ROY Phases Go Ton Line CB-79-32

- 16. Existing St. Stepper Standol Regulared to be vacated and quit claimed to this owner where in does indicated include with proposed alignment. (Sec. 4) 12 (H)
- 17. Pascal Lane out to top 560 neguinedato be dedicated and constructed with the first phase of this sabilities on work in the first phase of the sabilities on work in the first phase of the sabilities of the s
- * Subdivision cordinance requires compliant with these requirements. Legal Department advised that a rostrictive covariant is the only means of enforcement.

Information-

This subdivision is within the mucof Austin, in the Lanes independent School District and the Control of the Lake Austin watershed.

Gary Bradley discussed the strends requirements and pointed out that sidewalks would serve no purpose in the subdivision. Headiscussed the street and drainage requirements, as we has been appendiance of the two-mile EIJ. He requested the same provisions for Phasa two as swere granted for Phase One. He requested the same provisions for Phasa two as swere granted for Phase One. There was discussion of the low density sugnards and when they would be implemented, also discussion of transfer that scal requirements to the County, Shella finnerance of the legal bepartments fated she needed more time to determine whether or not the Planning tham is significantly authority to transfer fiscal requirements to the County. requirements to the County

COMMISSION VOTE

Mins Shipping Stated that side of soull pake the saud wis in Ampractical.

Mins Shipping Stated that side of soull pake the saud wis in Ampractical.

Mind moved toward nove at least 100 to 10

Mr. Dagger offered a substitute motion chaldall avariances be granted with the exception of the one are a ting specifically to the road; that Legal Department submit an opinion at the Hay-Ormestino that the Commission does not require any more review or information to be submitted. The substitute motion died for the lack of a second

The Commission then yoted on the commission in the commission the commission the commission that the commi

Danze, Dixon, Overraro, Schochter, Shipman, Snyder Land Stoll: Dagger and Mer

. HAY:

WITHERMOTION PASSED BY TO THE

Planning Commission -- Austin Taxas

April 24, 1979

Mr. Snyder moved to establishearner subcommittee to act on low density standards and send it on to the Council Mr. Stoll seconded the motion.

THE MOTION PASSED BY A VOIE OF BED.

Mr. Guerrero appointed a subcommittee to consist of Bernard Snyder as chairman, and Mr. Jagger and Mrs Shipman THE TANK

CBs-79-015 Huchetter Subdivision Old Bee CavestRoad

Walt Darbyshire explained that the church had made the necessary fiscal arrangements and the request was withdrawn

NO ACTION TAKEN.

Subdivision Memorandum
Short Form and Final Subdivisions as listed on the Subdivision Memorandum Action taken R105-79 at the meeting

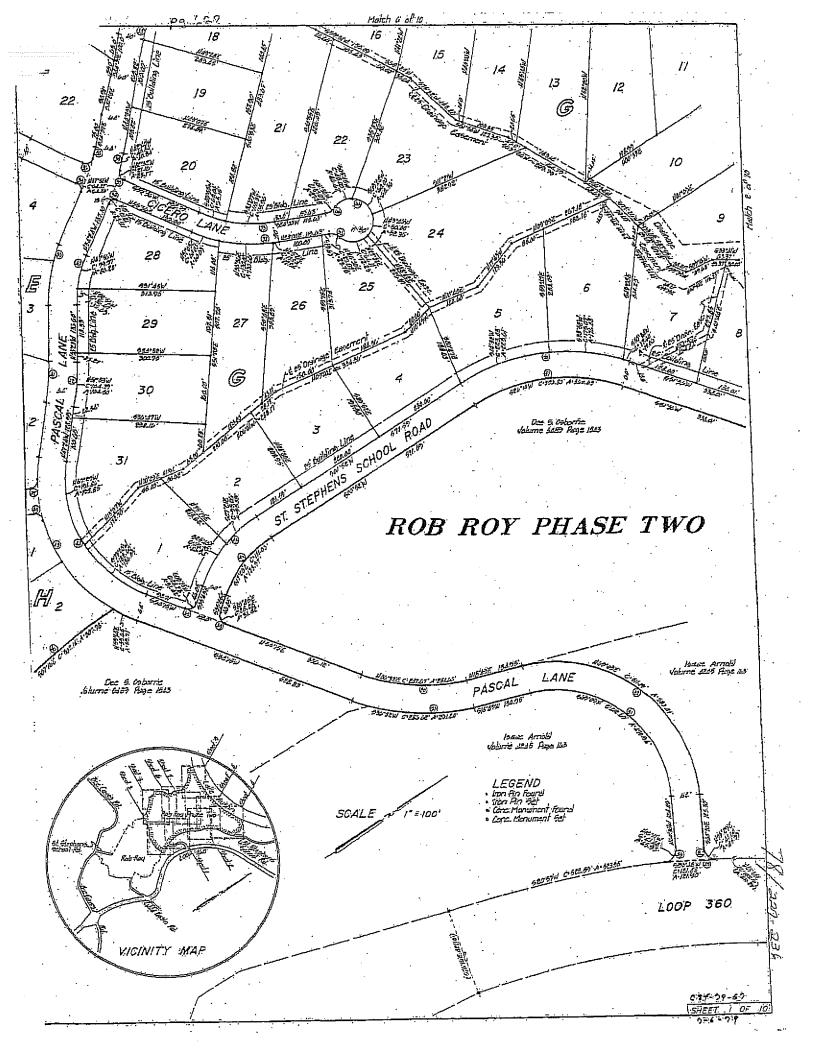
The Planning Commission considered items histed on the Subdivision Memorandum and took the action as indicated (including) variances as recommended), granting the variances on CB-79-22 hub disapproving the plat.

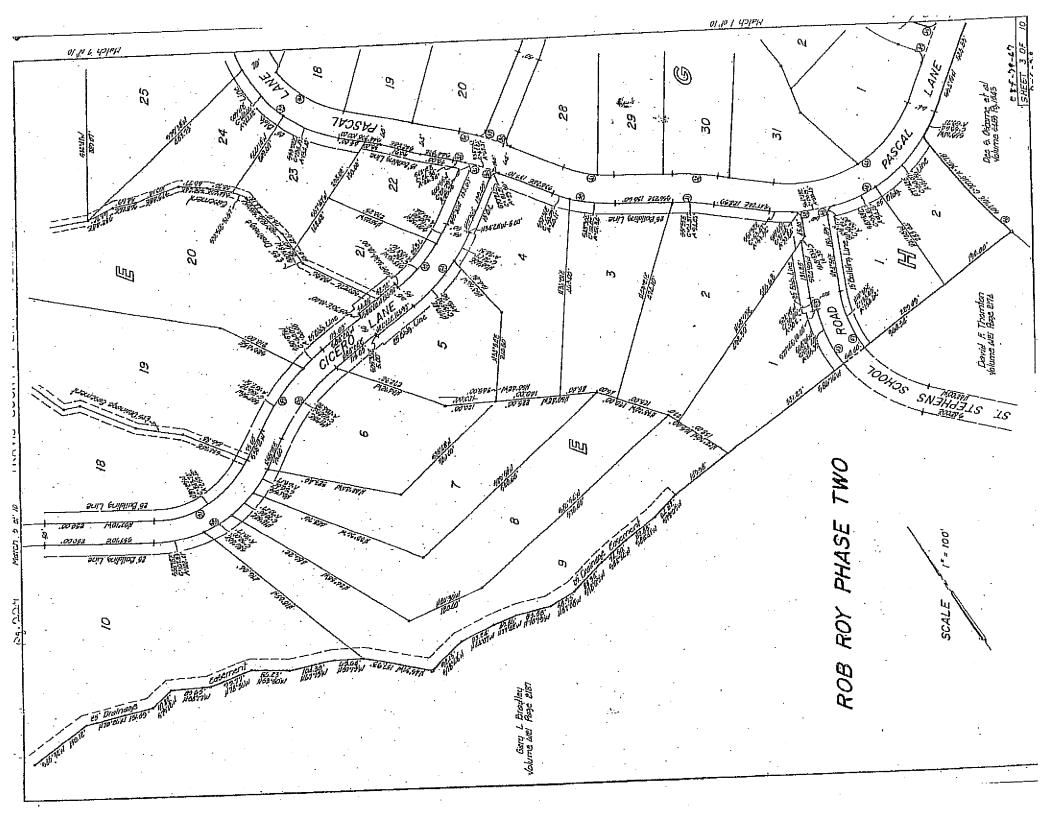
Danze, Dixon Eductrero, Jaggor, Schechter, Shipman, Stoll, OUT OF THE ROOM: Snyder

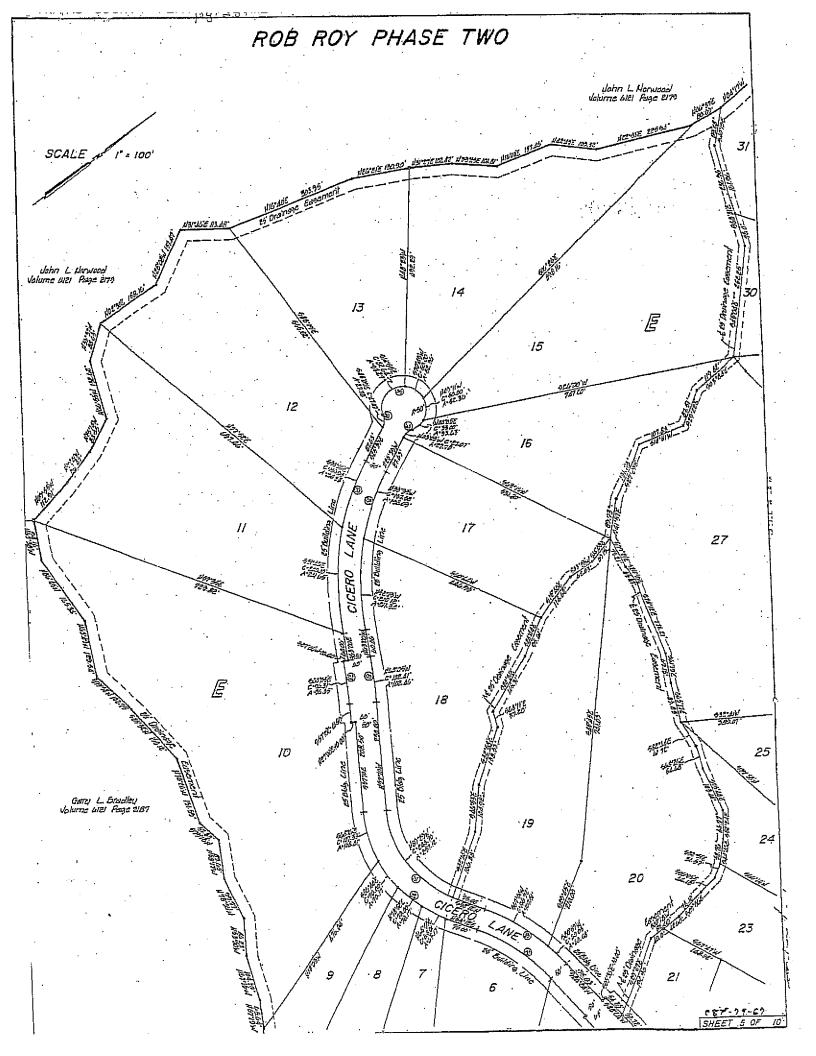
THE MOTION PASSED BY A VOTE OF 8-0.

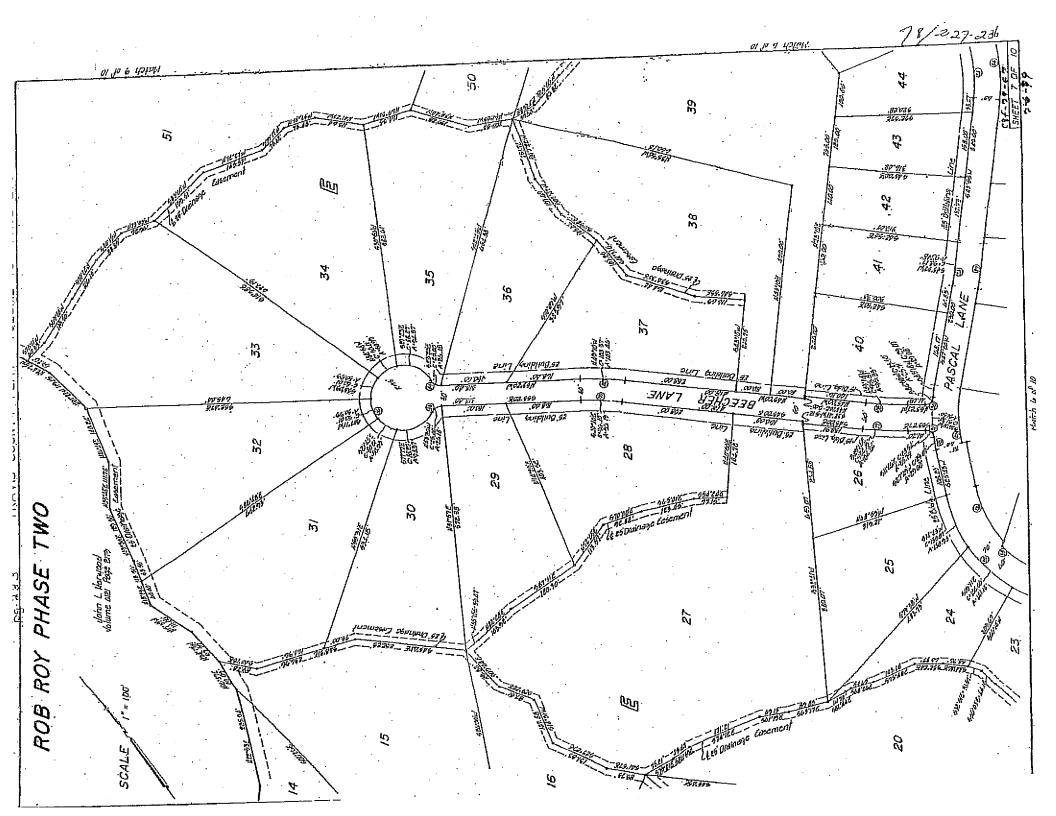
The meeting adjourned at 1/320 p;m

ROB ROY PHASE TWO RECORDED SUBDIVISION









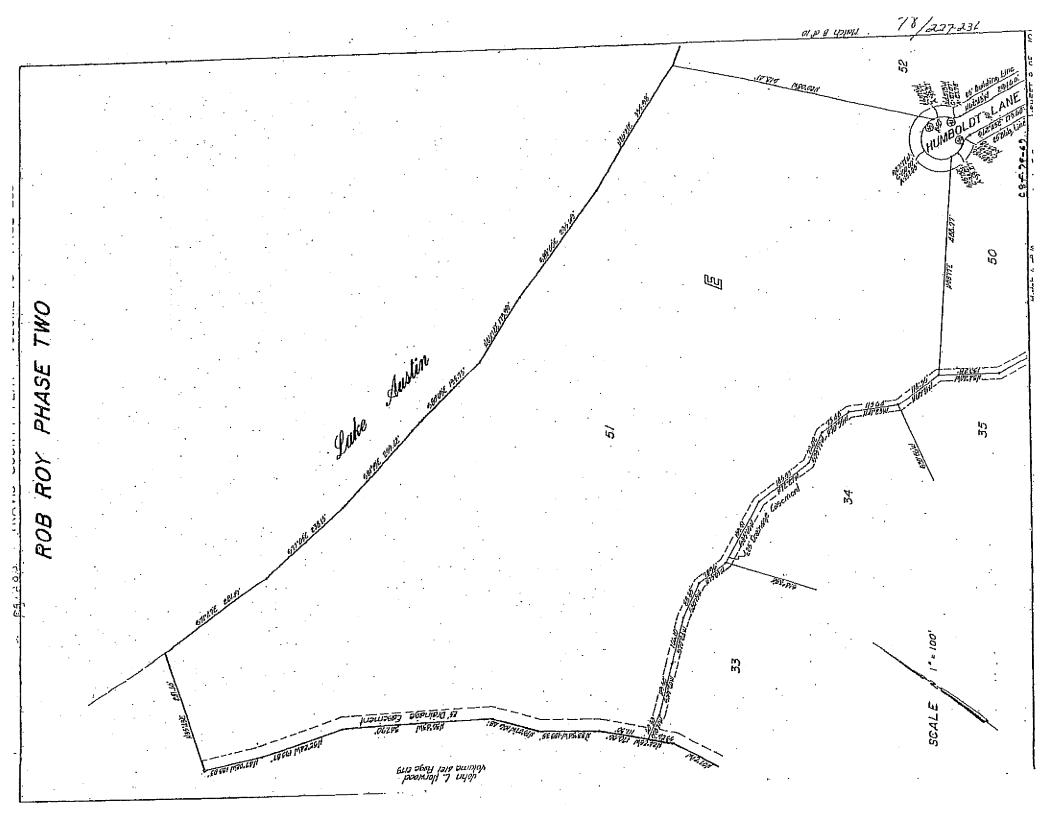
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ENVIRONMENTAL BOARD MOTION 081507-D1

Date:

August 15, 2007

Subject:

Restrictive Covenant Amendment Review

Motioned By: Dave Anderson, P. E. Chair

Seconded By: Mary Ann Neely

Recommendation

The Environmental Board recommends disapproval of the request to amend the existing Restrictive Covenant Amendment in order to construct a Boat Dock and Tram.

Staff Conditions

None.

Board Conditions

None.

Rationale

Applicant knew of existing of restrictions prior to purchase, and any subsequent development could only be more environmentally damaging than what exists currently.

Vote

7-0-0-1

For:

Anderson, Maxwell, Moncada, Curra, Neely, Dupnik and Ahart

Against:

Abstain:

Absent:

Beall

Dave Anderson P.E., CFM Environmental Board Chair

Watershed Protection & Development Review Department

FY2008 Proposed Budget

http://www.ci.ausin.rx.us/budget/07-08/downloads/pb/1708execsunt.pdf http://www.ci.austin.tx.us/budeet/07-08/downloads/pb0708v1.pdf

One Stop Shop General Fund Budget

Revenue - \$19.3 million 54.6 million increase over current budget

Expenditures -\$15.8 million Adds 13 positions in the One Stop Shop: Building Inspections Site/Subdivision Inspection 5 FTEs 3 FTEs Commercial Plan Review 1 FTE Hight-of-Way Management Permit Center 2 FTFs

2

Drainage Utility Budget

Revenue - \$54.9 million \$2 million increase over current budget

Expenditures -\$59.4 million

11.5 new positions in:

Stream Restoration 1.0 FTE Flood Hazard Mitigation 1.0 FTE

Water Quality Protection 5.5 FTEs 4.0 FTEs

One Stop Shop

Drainage Utility Budget Highlights

- Transfer to Capital improvement Program is \$17.3 million
- Accelerated voluntary buyouts in Onion Creek
- Funds Increased commodity and contracted services costs in field operations
- includes funding to
 - Maintain 91% of residential ponds
 - Control vegetation on 65 miles of creek
 - Stabilize 500 linear feet of stream channel
- Temporary staff and contract services to implement the City's records management plan
- · Maintain fund ending balance of \$4.8 million

Capital Improvement Program Budget Highlights

Some of the projects receiving new appropriation in FY2008 include:

- · Fort Branch WMA -Truelight and Eleanor Drive
- Carson Creek -Upgrade Hoeke Lane Low Water Crossing
- Carson Creek voluntary flood buy-out
- · Far West Dam modernization
- Central Business District Storm Drain Enhancement
- Boggy Creek Cherrywood Restoration
- Little Bear Creek Recharge Enhancement Facility

Watershed Protection and Development Review Department FY2008 Proposed Budget

Drainage Utility Highlights

Revenue - No fee changes are proposed

Total of 301 FTEs with 11.5 New positions including:

- 2.0 Engineer positions for bond project coordination
- 0.5 Environmental Scientist Associate in Salamander Conservation
- 1.0 Project Coordinator for WTP4
- 1.0 Environmental Inspector for WTP4
- 2.0 Environmental Scientist Associates for WTP4
- 1.0 Environmental Inspector for commercial ponds
- 1.0 Administrative position (temp to permanent)
- 1.0 Environmental Review Specialist (oak wilt suppression)
- 1.0 Research Analyst Sr. in GIS Planning (temp to permanent)
- 1.0 Environmental Compliance Specialist for spills and complaint response
- \$270,000 for temporary staff and contract services to implement records management action plan under City initiative
- \$50,000 to supply ashtrays in the downtown area supporting the Council priority for improved Downtown Quality of Life
- Transfer to Utility CIP Fund is \$17.3 million
- Transfer to RSMP is \$554,184
- Information Systems Support transfer increases 38%
- Maintain ending balance of \$4.8 million –greater than 30 day reserve requirement of \$2.7 million

One Stop Shop (General Fund) Highlights

Revenue -

No fee changes proposed

Proposed Revenue Budget is \$19.3 million - a \$4.6 mil or 31%

Total of 207 FTEs with 13 New positions including:

- 2.0 Engineering Tech C's in R-O-W Management (one reimbursed by ACWP)
- 3.0 Engineering positions in Site/Subdivision Inspection
- 1.0 Plans Examiner in Commercial Building Plan Review
- 5:0 Building inspectors (4 are temp to permanent conversions)
- 1.0 Review specialist in the Permit Center
- 1.0 Cashier (temp to permanent)
- \$81,000 for AMANDA mobile tablet support and maintenance
- \$28,000 for professional development travel and training

City-wide Highlights

- Pay for Performance increases
- City's contribution to health insurance increases 15%
- Service Incentive Pay of 2%
- Incremental increase in employees' retirement system contribution 1%

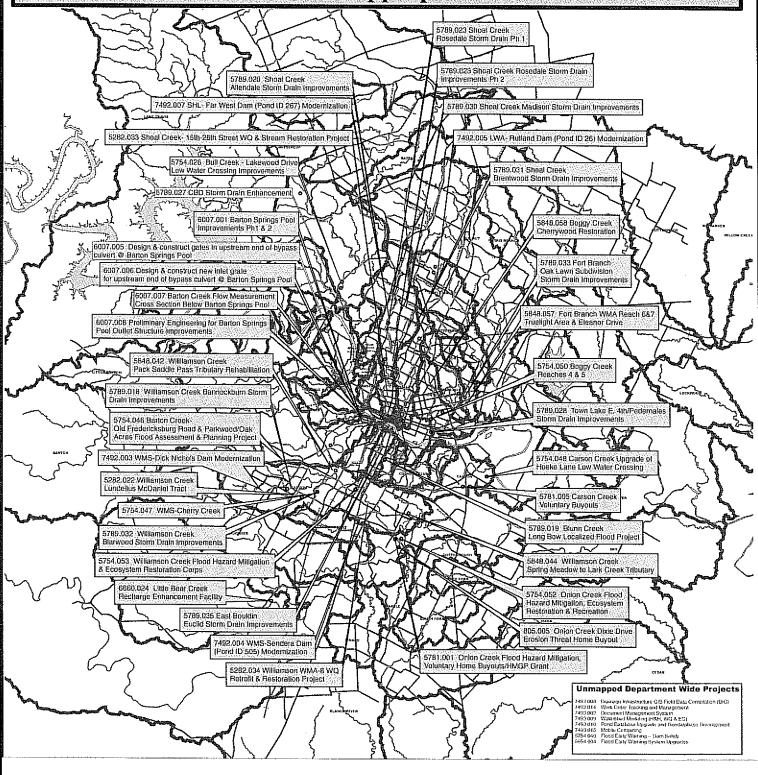
DRAINAGE UTILITY FUND

	2005-06 ACTUAL	2006-07 AMENDED	2006-07 ESTIMATED	2007-08 PROPOSED
BEGINNING BALANCE	6,947,972	7,270,360	9,633,789	9,295,510
REVENUE Drainage Fee	26 024 520	26 404 926	26,657,882	26,658,732
Residential Commercial/City	26,034,539 23,321,057	26,404,826 24,101,781	24,090,813	24,623,973
Storm Sewer Discharge Permits	119,288	121,560	121,560	123,560
Underground Storage Permits	72,262	34,000	34,000	34,000
Development Fees	748,471	714,508	754,403	780,500
Monitoring and Maintenance	48,780	35,000	14,000	16,000
Maple Run	58,159	63,198	63,198	58,159
Interest Income	1,960,633	1,100,000	2,146,500	1,900,000
Property Sales	18,624	18,000	18,000	20,000
Miscellaneous	16,809	11,000	11,000	12,000
TOTAL REVENUE	52,398,622	52,603,873	53,911,356	54,226,924
TRANSFERS IN			1-1-1	
Austin Water Utility	0	0	0	424,459
General Fund	298,504	298,504	298,504	298,504
TOTAL TRANSFERS IN	298,504	298,504	298,504	722,963
TOTAL AVAILABLE BLINDS	52 607 126	52,902,377	54,209,860	54,949,887
TOTAL AVAILABLE FUNDS	52,697,126	52,902,311	34,209,000	34,545,007
OPERATING REQUIREMENTS				
Stream Restoration	515,467	571,199	571,199	623,009
Flood Hazard Mitigation	3,005,782	3,545,640	3,545,639	3,907,920
Infrastructure & Waterway Maint.	9,105,358	10,157,864	9,759,417	10,489,854
Master Planning	160,945	552,650	522,960	641.973
One Stop Shop	4,224,609	4,771,003	4,740,983	5,119,309
Support Services	2,421,959	2,692,553	2,600,098	3,078,149
Water Quality Protection	6,399,674	7,276,615	7,099,881	8,200,216
TOTAL OPERATING REQUIREMENTS	25,833,794	29,567,524	28,840,177	32,060,430
OTHER OPERATING REQUIREMENTS				
Bad Debt	214,097	505,066	505,066	505,066
Hazardous Materials Response	222,515	222,515	222,515	222,515
Information Systems Support	1,060,436	1,408,915	1,408,915	1,949,214
PARD Flood Control	76,299	85,000	85,000	85,000
Transfer to AE-Greenbuilder Prgm.	0	17,835	17,835	17,835
UCSO Billing Sup. & LIS Upgrade	824,740	817,797	817,797	945,632
UWO Law Water Quality	65,990	66,000	66,000	66,000
Compensation Adjustment	31,025	45,235	45,235	161,004
TOTAL OTHER OPERATING	0.405.400	2 460 262	2 160 262	3 050 366
REQUIREMENTS	2,495,102	3,168,363	3,168,363	3,952,266

DRAINAGE UTILITY FUND

	2005-06 ACTUAL	2006-07 AMENDED	2006-07 ESTIMATED	2007-08 PROPOSED
TOTAL EXPENSES	28,328,896	_32,735,887	32,008,540	36,012,696
TRANSFERS OUT Austin Water Utility Environmental Remediation Fund General Obligation Debt Service Other Enterprise CIP RSMP Transfer Radio Comm. Fund/Trunked Radio Sustainability Fund UWO Local Cntrl, Structural Match	216,000 241,500 1,278,170 16,552,000 0 42,644 496,175 664,038	108,000 241,500 1,112,861 17,113,450 102,000 56,675 526,039 750,000	108,000 241,500 1,112,861 17,113,450 102,000 56,675 526,039 750,000	0 241,500 1,096,150 17,315,000 554,184 57,386 542,269 750,000
TOTAL TRANSFERS OUT	19,490,527	20,010,525	20,010,525	20,556,489
OTHER REQUIREMENTS Accrued Payroll Administrative Support - City-wide Insurance - Fire/EC Liability Reserve Additional Retirement Contribution Workers' Compensation Disaster Relief Expenses TOTAL OTHER REQUIREMENTS	198,720 1,997,471 0 90,000 0 112,000 8,364 2,406,555	29,000 1,976,390 3,535 269,455 138,694 112,000 0	29,000 1,976,390 3,535 269,455 138,694 112,000 0	110,000 2,210,901 6,613 269,000 149,620 112,000 0
	·	<u> </u>		
TOTAL REQUIREMENTS EXCESS (DEFICIENCY) OF TOTAL AVAILABLE FUNDS OVER TOTAL REQUIREMENTS	2,471,148	55,275,486 (2,373,109)	54,548,139 (338,279)	59,427,319 (4,477,432)
ADJUSTMENT TO GAAP	214,669	0	0	0
ENDING BALANCE	9,633,789	4,897,251	9,295,510	4,818,078

Watershed Protection and Development Review Department Active Projects FY 2008 Appropriations



Prepared by: City of Austin Watershed Protection and Development Review Department Environmental Resources Management Division



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EXCELLENT WASTEWATER TREATMENT: EXCEPTIONAL WATER QUALITY DOWNSTREAM

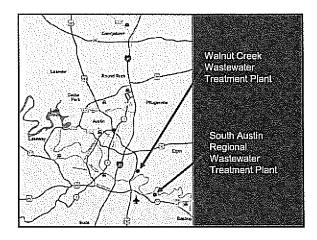
Presentation to the City of Austin Environmental Board August 15, 2007

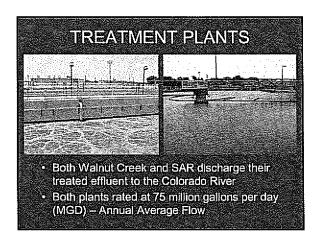
> Jane Burazer Assistant Director of Treatment Raj Bhattarai, P.E., DEE, Manager Environmental and Regulatory Services Division Austin Water Utility

PRESENTATION OUTLINE

- Overview of Treatment Plants
- Definitions of Permit Parameters
- Permit Limits
- Effluent Quality
- Downstream Water Quality

TREATMENT PLANTS Two large plants, each rated at 75 MGD Walnut Creek Wastewater Treatment Plant (1986) Wastewater Treatment Plant (1986)





5-day Carbonaceous Biochemical Oxygen Demand (CBOD₅)

- A measure of the biodegradable organic pollutant concentration in wastewater and hence a measure of its impact on a body of water.
- The cleaner the effluent, the smaller its oxygen demand, which means the less it will deplete existing oxygen in a body of water.
- Measured in milligrams per liter (mg/l) or parts per million (ppm).

Total Suspended Solids (TSS)

- Amount of particulate matter in a water sample. The sample is filtered to capture the solids, which are dried and weighed.
- Solids affect the appearance and clarity of water and since many pollutants are associated with solids, smaller solids concentration implies cleaner water.
- · Measured in mg/l or ppm.

Ammonia-Nitrogen (NH₃-N)

- A measure of the amount of ammonia, a common pollutant in wastewater, expressed as nitrogen.
- Ammonia can exert oxygen demand and at high concentrations may also be toxic to fish and other aquatic organisms.
- Measured in mg/l or ppm.

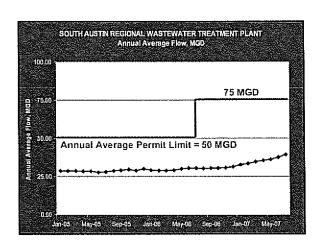
Dissolved Oxygen (D.O.)

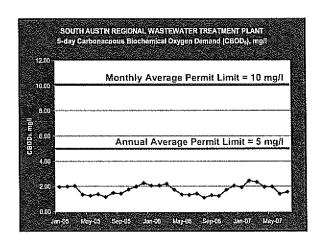
- Not a pollutant, but a positive resource for a natural body of water.
- Essential for fish and many other aquatic organisms.
- Generally higher D.O. is an indicator of better water quality.
- Measured in mg/l or ppm.

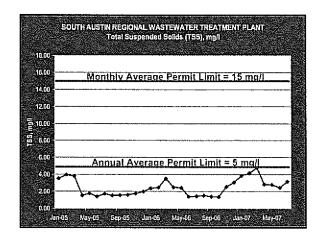
PERMIT LIMITS FOR WALNUT CREEK AND SAR

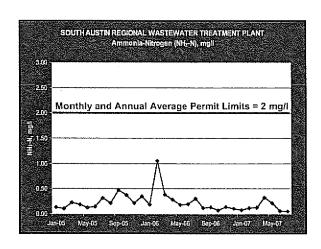
	Flow, MGD	CBOD ₅ , mg/l	TSS, mg/l	NH ₃ -N, mg/l	D.O., mg/l
Monthly Average		10	15	2	6 *
Annual Average		5	5	2	-

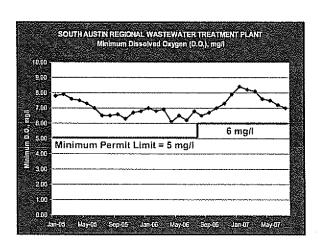
^{*} minimum

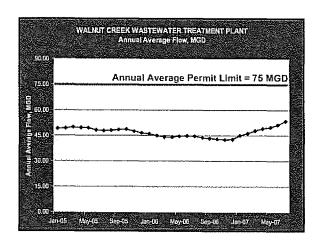


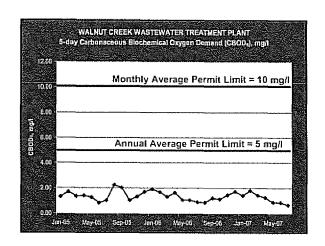


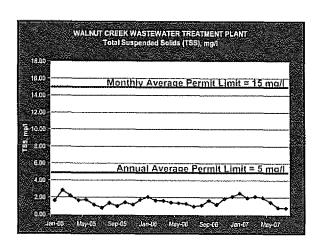


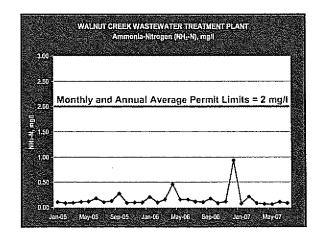


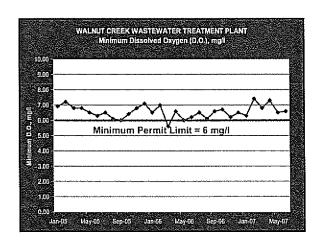












NACWA Peak Performance Awards

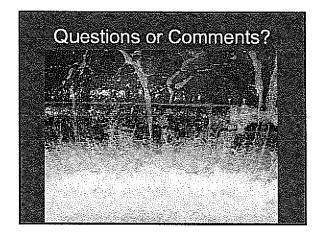
- National Association of Clean Water Agencies (NACWA) Peak Performance Awards: Based strictly on compliance with discharge permits
- Walnut Creek WWTP Platinum (2005): 5 years of perfect compliance, Silver (2006)
- SAR WWTP Gold (2005), Platinum (2006): 5 years of perfect compliance
- · Compliance Points: 4623/year

Texas Surface Water Quality Standards

- Promulgated by TCEQ after approval by EPA
- Lake Travis Exception and Charlet
- Lake Austin High Quality
- . Town Lake High Quality
- Colorado River downstream of Town Lake —
 (segment into which we discharge our treated effluent)

Downstream Water Quality

- Austin is the only city in Texas and one of only a few in the nation where the water quality downstream of a major urban area is exceptional and better than upstream.
- Our exceptional quality effluent is helping maintain the downstream water quality exceptional.
- We obtain our drinking water from Lake Austin and Town Lake (High quality segments) and help maintain Exceptional quality in the downstream segment into which we discharge our well-treated effluent.



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Environmental Board Policy Statement Regarding Waterfront Overlay Ordinance Bull

Environmental Board Functions as they Relate to Waterfront Overlay Ordinance

The functions of the Environmental Board (the "Board") codified at Article 27, Chapter 2-1 of the Austin City Code, include responsibilities relating to the Waterfront Overlay Ordinance (WOO). For example, WOO section §25-2-722 specifically directs the Environmental Board to review certain public works projects in the Waterfront Overlay District if the "project offers an opportunity for a major water quality retrofit." More generally, the Board's responsibilities in connection with the WOO relate to the Article 27 mandate to provide guidance concerning all "policies, projects and programs affecting quality of life, and impacting or possibly impacting the existing environment", including:

- urban runoff;
- improvement and protection of the Colorado River;
- ordinance effectiveness:
- growth management and land use planning;
- city environmental policy effectiveness;
- watershed protection as it relates to flood control, erosion control and water quality;
- beautification;
- recreational resources:
- revegetation and landscaping.

In addition, Article 27 charges the Board with:

- reviewing all variances to requirements for water quality-related environmentally sensitive areas;
- · developing reports and recommendations for standards and criteria concerning any of the above-listed areas;
- serving as an advisory board to the city council, city manager, and Watershed Protection and Development Review Department in their efforts to oversee the protection and integrity of the natural environment, promote growth management and land use planning, minimize downstream areas, and promote recreational opportunities and environmental awareness.

Waterfront Overlay Ordinance, Relevant Background Information

The WOO was promulgated in response to the concern that uncontrolled development of waterfronts of Town Lake and certain tributary creeks, as well as the section of the Colorado River between Longhorn Dam and US 183 would result in undesirable aesthetic, recreational and environmental conditions along the waterfront. In addition, the WOO was intended to provide an incentive for responsible redevelopment of pre-existing commercial, institutional and residential improvements which did not conform to the code requirements of the WOO.

Much of the language pertaining to technical standards and the incentive strategies for responsible redevelopment were taken from the Town Lake Corridor Study (TLCS), which was

conducted by a city council-appointed citizen task force in 1985. The task force studied past and ongoing patterns of land use and building construction, and in response to undesirable practices that were identified, a set of 13 general goals and associated specific policies was developed. The goals and policies focused on:

- 1. protection of water quality;
- 2. promotion of land uses that are sympathetic to the water's edge of Town Lake and the urban creeks;
- 3. requiring city-owned land uses, programs, and operations to be compatible with Town Lake:
- 4. fostering a cooperative atmosphere for the city, neighborhoods and private landowners to work jointly to realize the potential of the waterfront;
- 5. improvement of zoning to achieve maximum pedestrian scale, highest degree of land use compatibility and extraordinary urban design;
- 6. providing maximum visual and physical access to the waterfront; encourage pedestrian access to and use of the corridor:
- 7. establishing Town Lake as a Great Central Park, serving as the centerpiece for the Austin Park System;
- 8. demonstrating a commitment to excellence in waterfront design and development:
- 9. establishing a spiritual as well as physical relationship between community and waterfront; enable citizens to develop a stronger waterfront ethic;
- 10. creating a rich and varied cultural environment in the corridor;
- 11. acquiring additional parkland and open space along Town Lake and the urban creeks;
- 12. recognizing the full potential of the Town Lake creeks;
- 13. protecting, enhancing and interpreting the landforms and natural and cultural values of the Town Lake Corridor.

These goals and policies served as the guiding principles of the resultant WOO. Also, conformance with the TLCS goals and policies was established as one of the specific criteria for allowing a variance to the WOO. Specifically, the requirements for a variance to the WOO set forth in subsection §25-2-713 must meet the following criteria:

- the proposed project and variance are consistent with the goals and policies of the Town Lake Corridor Study, including environmental protection, aesthetic enhancement, and traffic; and
- 2) the variance is the minimum required by the peculiarities of the tract.

The most potent restriction of the WOO is the set back requirement, whereby no building construction is allowed within a prescribed distance from the Town Lake shoreline, the Colorado River shoreline, or the creek centerline. Because of the "redevelopment exception" of the Land Development Code (§25-8-26), the protection of the Critical Water Quality Zone can be ignored during redevelopment. Within the Waterfront Overlay District, this leaves only the WOO setback restriction to protect and restore these riparian resources.

Environmental Board Policy

- The Board supports the development and redevelopment requirements of the WOO as a means of recovering and maintaining the Town Lake waterfront as a "place of quiet beauty, dignity and pleasure." (Town Lake Comprehensive Plan, 1968)
- The Board supports the setback requirements of the WOO in redevelopment projects as a means of extending the sense of greenery and open space that exists in other reaches of the Town Lake Corridor. Accordingly, variances to setback requirements should be allowed only when a project meets a strict interpretation of the variance criteria set forth in Section §25-2-713. Regarding Criterion #2 "the variance is the minimum required by the peculiarities of the tract" is subjective; however, conformance with this criteria should not be based on the developer's confidential economic model, which is not available for staff and public evaluation.
- In no case should a variance be allowed for parking areas or structures (except for underground parking structures) within the primary setback area except for park facilities including picnic tables, observation decks, trails, gazebos on public land.
- No variances should be allowed for greenfield sites (ie, sites that have not been previously developed)
- The emphasis on pedestrian-oriented development including outdoor restaurants and bars should be implemented harmoniously with the waterfront environment, with its high quality aquatic life use designation (TCEQ, 2006) and corridor for migratory water fowl, shore birds and raptors including peregrine falcons and bald eagles (Town Lake Study, 1992). Incompatible features may include, but are not limited to neon lights which can be seen from the opposite shore and other unnecessary fugitive light urban glare impacting the waterfront, and garish use of loudspeakers for example, as used in connection with seating restaurant customers.
- Preference for underground parking is inconsistent with the assessment of an impervious cover penalty corresponding to the area of the structure's footprint. The work-around a skinny, deep parking garage does not further the intents of environmental protection, open space and density control. Further, including the footprint area of an underground garage into the sizing of the WQ ponds may be inexact science as currently required by code. The Neighborhood Planning and Zoning Department is working on an improved analysis which accurately accounts for the impact of an underground garage, and it is the Board's policy that this initiative should be finalized and instituted as a standard practice.
- The use of direct supply natural gas is recommended in lieu of diesel fuel for emergency generators in underground parking garages within flood hazard areas of the Waterfront Overlay District.
- The Board supports the protection of Capitol View Corridors as an additional overlay onto the base zoning within the Waterfront Overlay District.