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AGENDA ITEM NO.	

	AGENDA ITEM SUMMARY FORM
PROPOSED MEETIN	NG DATE: May 4, 2016
PREPARED BY: Fra	ances Aguilar
DEPARTMENT: Ad	Iministration
AGENDA ITEM DES	CRIPTION:
Consideration, discuss Meeting.	ion, and possible action to approve the minutes for the April 20, 2016 City Council Regular
BACKGROUND/SUI	MMARY:
	IYES ■NO YES (IF YES, LIST IN ORDER TO BE PRESENTED) □NO , 2016 City Council Regular Meeting
STAFF RECOMMEN It is City staff's recommendation of the Regular Meeting.	IDATION: mendation that the City Council approve the minutes for the April 20, 2016 City Council
PLANNING & ZONI	NG COMMISSION: □RECOMMENDED APPROVAL □DISAPPROVAL □NONE



MANOR CITY COUNCIL REGULAR MEETING MINUTES

105 E. EGGLESTON STREET MANOR, TEXAS 78653 APRIL 20, 2016 · 7:00 P.M.

COUNCIL MEMBERS

PRESENT:

Place 2, Gil Burrell, Mayor Pro-Tem

Place 3, Todd Shaner

Place 4, Sharon Snowden

Place 5, Rebecca Davies

Place 6, Jeff Turner

ABSENT:

Mayor, Rita Jonse Place 1, Gene Kruppa

CITY STAFF PRESENT:

Thomas Bolt, City Manager
Lluvia Tijerina, Administrative Assistant
Scott Dunlop, Planning Coordinator
Lydia Collins, Finance Director
Ryan Phipps, Police Chief
Mike Tuley, Public Works Director

CALL TO ORDER AND ANNOUNCE A QUORUM IS PRESENT

The Manor City Council met in regular session on Wednesday, April 20, 2016 in the City Council Chambers at 105 E. Eggleston Street. Mayor Pro-Tem Burrell announced that a quorum was present and the meeting was called to order at 7:00 P.M.

PLEDGE OF ALLEGIANCE

At the request of Mayor Pro-Tem Burrell, Police Chief Phipps gave the Pledge of Allegiance.

PUBLIC COMMENTS

Vicki McFarland, P.O. Box 256, Manor, addressed Council as a taxpayer for the school district and talked about the growth Manor ISD will be having in the next few years. She urged the importance of voting in the upcoming bond election.

CONSENT AGENDA

All items listed under the consent agenda were enacted by one motion. There was no separate discussion of the items and no items removed from the consent agenda.

A motion to approve the Consent Agenda was made by Council Member Davies, seconded by Council Member Shaner. The motion carried by the following vote:

Vote: 5 For - 0 Against.

1. Consideration, discussion, and possible action to approve the minutes for the April 6, 2016 City Council Regular Meeting.

The minutes were approved under the Consent Agenda.

- 2. Consideration, discussion, and possible action on acceptance of the March, 2016 Departmental Reports:
 - Development Services
 - Police
 - Municipal Court
 - Public Works

The reports were approved under the Consent Agenda.

 Consideration, discussion, and possible action on a second reading of an ordinance annexing 1.069 acres recorded in document number 2013171610, deed records, Travis County, locally known as 13500 N. FM 973.

The ordinance were approved under the Consent Agenda.

4. Consideration, discussion, and possible action on a second reading of an ordinance to rezone 1.069 acres recorded in document number 2013171610, deed records, Travis County, locally known as 13500 N. FM 973 from Interim Agricultural "A" to Light Industrial "IN-1".

The ordinance were approved under the Consent Agenda.

REGULAR AGENDA

5. Consideration, discussion, and possible action on acceptance of the unaudited March, 2016 Monthly Financial Report.

Lydia Collins, Finance Director presented the March, 2016 monthly financial report.

A motion to accept the unaudited March, 2016 Monthly Financial Report was made by Council Member Turner, seconded by Council Member Snowden. The motion carried by the following vote:

Vote: 5 For – 0 Against.

6. Discussion, consideration, and possible action on the 2016 Capital Improvements Plan.

City Engineer Frank Phelan presented the 2016 Capital Improvements Plan. He stated that the Capital Improvements Plan Committee has met to review plans for water, wastewater, drainage, streets, hike and bike trails. The projects have been revised, prioritized and assembled in a plan. He discussed the various projects with Council and gave an overview of the funding for the projects.

A motion to approve the 2016 Capital Improvements Plan was made by Council Member Turner, seconded by Council Member Davies. The motion carried by the following vote:

Vote: 5 For – 0 Against.

7. Presentation on capital project financing.

Chris Lane, the City's financial advisor presented the capital project financing report. She gave an overview of the first phase of projects. She discussed what impact the projects will have on the financial status of the City. Mayor Pro-Tem Burrell recommended the \$24 million plan. Discussion was held with Mr. Phelan on the various projects.

No action was taken on this agenda item.

8. Consideration, discussion, and possible action the water and wastewater cost of service and rate study.

Lydia Collins, Finance Director presented the water and wastewater cost of service and rate study. She gave an overview of the study and what the proposed rates should be and how the base rate can be utilized to alleviate the debt service in a bond. Mickey Fishbeck with Rimrock Consulting Company further explained the report.

A motion to accept water and wastewater cost of service and rate study was made by Council Member Turner, seconded by Council Member Davies. The motion carried by the following vote:

Vote: 5 For – 0 Against.

9. Discussion, consideration and possible action on a change order for the Manor Police Station & Wastewater Treatment Plant Site Improvements Project.

Frank Phelan, City Engineer discussed the final change order for the projects that was negotiated with the contractor. There were a total of 28 adjustments to items that were reviewed with Council.

A motion to approve a change order for the Manor Police Station & Wastewater Treatment Plant Site Improvements Project was made by Council Member Davies, seconded by Council Member Shaner. The motion carried by the following vote:

Vote: 5 For – 0 Against.

10. Discussion, consideration, and possible action to approve a waiver from Ordinance 185, Section 20(j) Height and Placement requirements for Manor ISD New Tech Middle School, 10335 E. US Hwy. 290, to allow for 52 feet in height.

City Manager Tom Bolt presented the waiver information to Council. He commented that staff is recommending the waiver.

A motion to approve a waiver from Ordinance 185, Section 20(j) Height and Placement requirements for Manor ISD New Tech Middle School, 10335 E. US Hwy. 290, to allow for 52 feet in height was made by Council Member Turner, seconded by Council Member Davies. The motion carried by the following vote:

Vote: 5 For – 0 Against.

11. Discussion, consideration, and possible action to approve a waiver from Ordinance 185, Section 61(e)(iv) Landscaping Requirements for Manor ISD New Tech Middle School, 10335 E. US Hwy. 290, to allow for 59 trees and 679 shrubs.

City Manager Tom Bolt presented the waiver information to Council. He commented that staff is recommending the waiver. Council Member Turner left the dais at 8:05 p.m. while the agenda item was being presented, he was absent for voting.

A motion to approve a waiver from Ordinance 185, Section 61(e)(iv) Landscaping Requirements for Manor ISD New Tech Middle School, 10335 E. US Hwy. 290, to allow for 59 trees and 679 shrubs was made by Council Member Davies, seconded by Council Member Shaner. The motion carried by the following vote:

Vote: 4 For – 0 Against.

12. Discussion, consideration, and possible action on a first reading of a rezoning request for the Lagos preliminary PUD site plan, 146 acres at the SE corner FM 973 and Brenham Street; portions of the Calvin Baker Sur. No. 38, James Manor Sur. No. 39 and 40, James H. Manning Sur. No. 37; from single family residential (R-1) district zoning to Planned Unit Development (PUD) district zoning.

City Manager Tom Bolt introduced the developer for the project. Mr. Pete Dwyer said he didn't have a presentation but that he was available for questions. Planning Coordinator Scott Dunlop addressed Council and stated the Planning & Zoning Commission recommended a few changes to a roadway, and land use. Mr. Dunlop stated that staff is recommending approval of the first reading.

A motion to approve a first reading of a rezoning request for the Lagos preliminary PUD site plan, 146 acres at the SE corner FM 973 and Brenham Street; portions of the Calvin Baker Sur. No. 38, James Manor Sur. No. 39 and 40, James H. Manning Sur. No. 37; from single family residential (R-1) district zoning to Planned Unit Development (PUD) district zoning was made by Council Member Davies, seconded by Council Member Shaner. The motion carried by the following vote:

Vote: 5 For - 0 Against.

13. Discussion, consideration, and possible action on a concept plan for Lagos master planned community; 146 acres at the SE corner FM 973 and Brenham Street; portions of the Calvin Baker Sur. No. 38, James Manor Sur. No. 39 and 40, James H. Manning Sur. No. 37.

A motion to postpone the agenda item was made by Council Member Davies, seconded by Council Member Turner. The motion carried by the following vote:

Vote: 5 For - 0 Against.

14. City Manager March, 2016 Report

City Manager Tom Bolt updated Council on the status of the skate park and informed them that the skate park will no longer be donated.

ADJOURNMENT

A motion to adjourn was made by Council Member Davies, seconded by Council Member Shaner. The motion carried by the following vote:

Vote: 5 For - 0 Against.

Meeting was adjourned at 8:20 P.M.

City Council Regular Meeting Minutes April 20, 2016	
APPROVED:	ATTEST:
Rita G. Jonse, Mayor	Frances M. Aguilar, City Secretary



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AGENDA IT	ГЕМ	NO.	_	

AGENDA ITEM SUMMARY FORM

PROPOSED MEETING DATE: May 4, 2016

PREPARED BY: Scott Dunlop

DEPARTMENT: Development Services

AGENDA ITEM DESCRIPTION:

Discussion, consideration and possible action upon a second reading of a rezoning request for the Lagos Preliminary PUD site plan, 146 acres at the SE corner FM 973 and Brenham St; portions of the Calvin Baker Sur. No. 38, James Manor Sur. No. 39 and 40, James H. Manning Sur. No. 37; from single family residential (R-1) district zoning to Planned Unit Development (PUD) district zoning. Applicant: Kimley-Horn Associates.

BACKGROUND/SUMMARY:

This is a second reading of the PRELIMINARY PUD SITE PLAN to rezone the Lagos development. There will be one (1) reading at P&Z Meeting and two (2) at City Council meeting after this as the FINAL PUD SITE PLAN. The PUD land use plan calls for 422 single family homes (1250 sf living area homes, 50 ft wide lots, 6,000 sq ft minimum), about 220,000 sf of C-1 and C-2 type use commercial, 130 condo-type units at 1 per 10 acre density, 14.21 acre park (large portion as detention/amenity pond). This project has been in review since November as issues surrounding roadway alignments, traffic impacts, parking, land use, and amenities were worked out.

PRESENTATION: ■YES □NO

ATTACHMENTS: ■YES (IF YES, LIST IN ORDER TO BE PRESENTED) □NO

Letter of Intent, Map Exhibits, Correspondence (Kimley-Horn Associates & City of Manor)

STAFF RECOMMENDATION:

It is City staff's recommendation that the City Council approve the PRELIMINARY PUD SITE PLAN as it forms the basis for staff to further refine the FINAL PUD SITE PLAN - working out TXDOT alignments, traffic impacts, access into and through the development, parking for the village clusters. This site plan will have two (2) more votes at the City Council meeting before final approval.

PLANNING & ZONING COMMISSION: ■ RECOMMENDED APPROVAL □ DISAPPROVAL □ NONE



November 9, 2015

City of Manor Attn: Scott Dunlop 505 Barton Springs Road Austin, Texas 78704

Re:

Lagos Master Planned Community Planned Unit Development - Letter of Intent SE corner of FM 973 and Blake Manor Road Manor, Texas 78653

To Whom It May Concern:

Please accept this Summary Letter for the above referenced project. The proposed Lagos Master Planned Community is located at the southeast corner of FM 973 and Blake Manor Road in Manor, Texas and Travis County. The existing property is approximately 700 undeveloped acres. The site consists of approximately 146 acres within the City of Manor's jurisdiction, with the remainder residing in the City of Austin.

The proposed development intends to provide single family housing in the style of a lakefront community. The majority of the proposed single family residences will be located next to ponds and lakes to offer a better living experience than a typical subdivision. In addition to the single family lots, multi-family apartment units, retail lots, restaurants, public parks, and other amenities are included in the scope of the development. Manor ISD has been coordinating to construct a new elementary school in the Lagos property as well.

A typical zoning classification is not conducive to providing this variety of uses in an efficient or aesthetically pleasing manner. In order to adequately and responsibly meet the needs of the citizens of Manor, the Lagos property is undergoing the rezoning process, in order to be classified as a Planned Unit Development (PUD). PUD zoning allows for a more flexible and fluid community as well as a better dispersion of uses throughout the proposed development.

If you have any questions or comments regarding this request, please contact me at 512-418-1771.

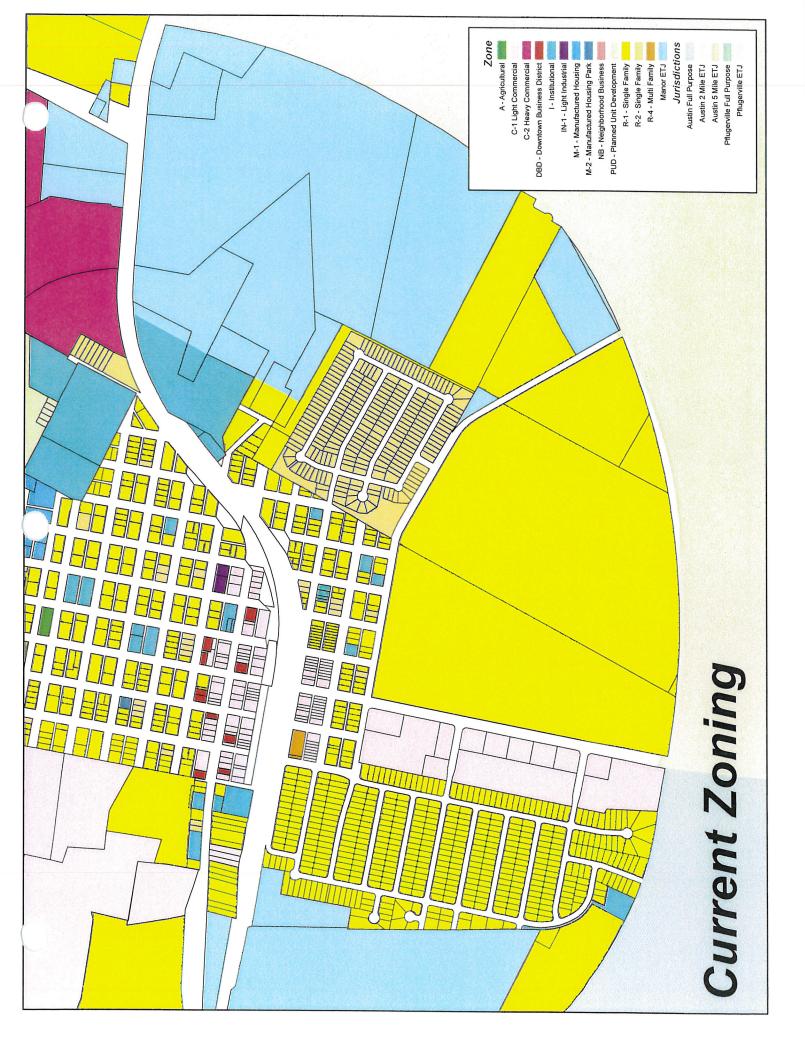
Sincerely,

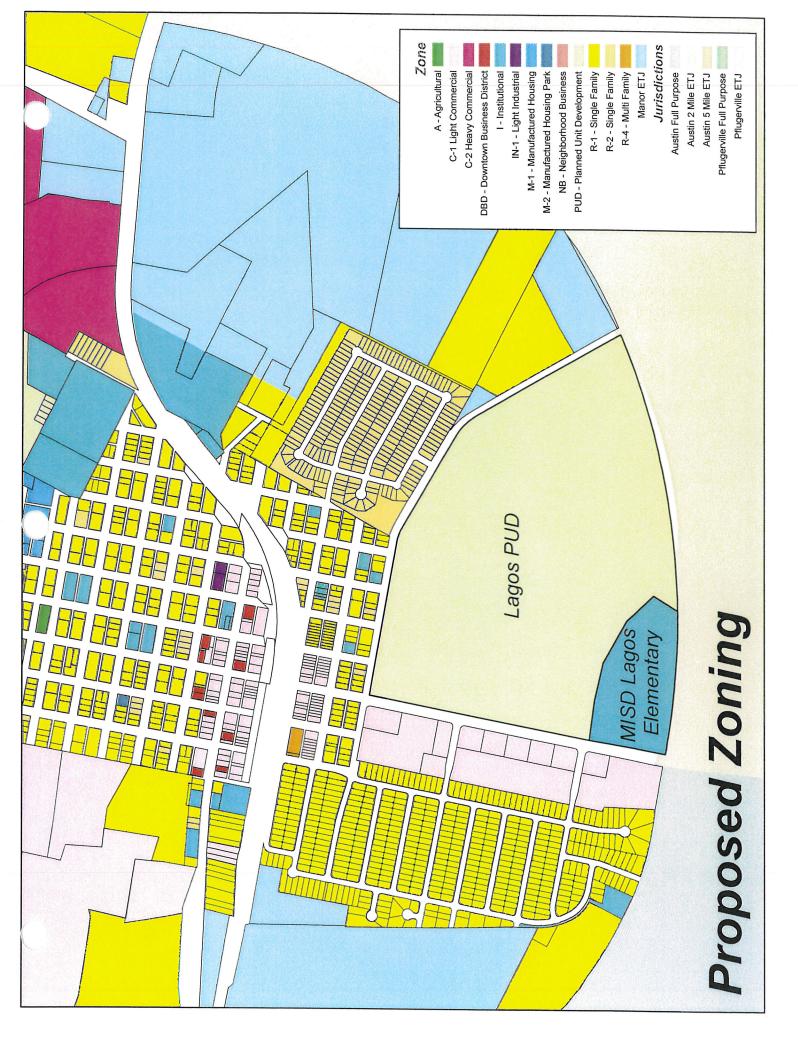
KIMLEY-HORN AND ASSOCIATES, INC.

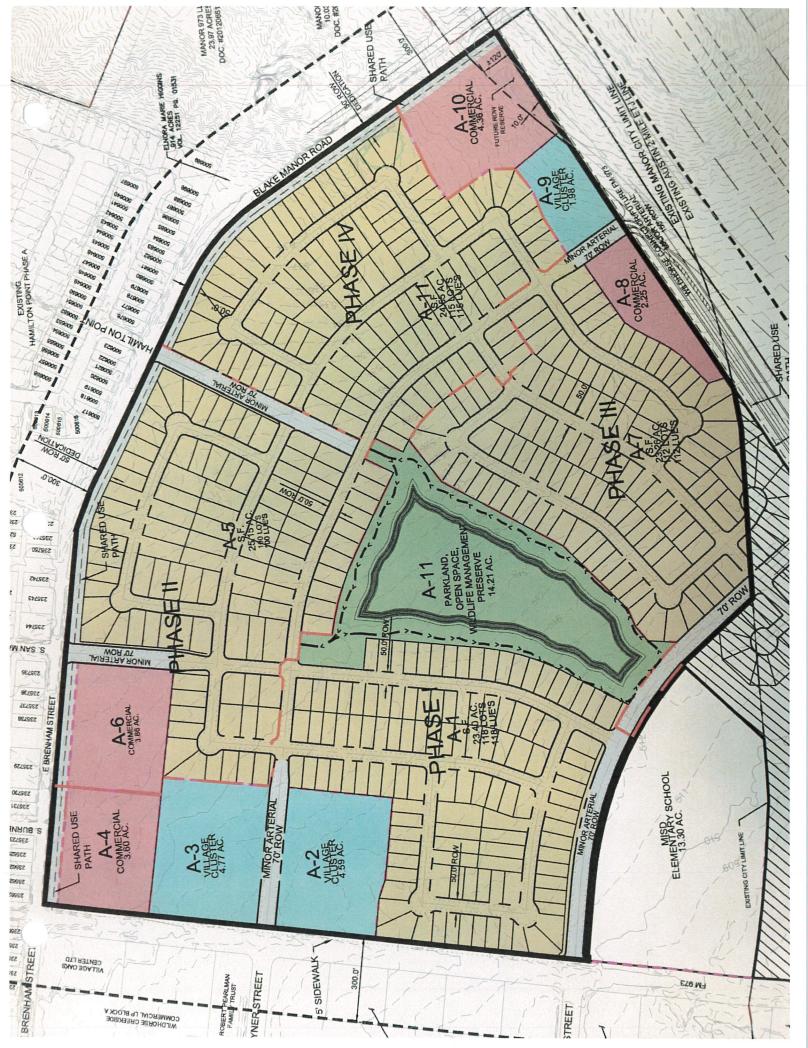
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Robert J. Smith, P.E. Senior Project Manager









December 16, 2015 City of Manor Attn: Tom Bolt 105 E Eggleston St. Manor, TX 78653

RE: Lagos Master Planned Community PUD

To Whom It May Concern:

Please accept this Summary Letter for the above referenced project. The proposed Lagos Master Planned Community is located at the southeast corner of FM 973 and Blake Manor Road in Manor, Texas and Travis County. The existing property is approximately 700 undeveloped acres. The site consists of approximately 146 acres within the City of Manor's jurisdiction, with the remainder residing in the City of Austin.

The proposed development is seeking to be classified under the Planned Unit Development (PUD) zoning district in order to allow for a better community than convential zoning would permit. The City of Manor Zoning Ordinance claims that "the purpose and intent of the Planned Unit Development District is to provide a flexible, alternative procedure to encourage innovative and imaginative designs for the unified development of the property." The City of Manor specifies seven main goals of PUD zoning that potential developments must accomplish. These have been presented and clarified below.

(i) To allow development which is harmonious with nearby areas

The Community is strategically located at the intersection of Blake Manor Road and FM 973. In 2011, Travis County voters approved nearly \$30,000,000 of roadway construction bonds to construct, in full or in part, a major roadway connector network including Wildhorse Connector Phases 1 and 2 which will bridge Gilleland Creek thereby tying the heart of Lagos to Parmer Lane, SH 130 and the Highway 290 Manor Expressway as well as the City of Manor's major north south arterial, FM 973, and to Blake Manor Road, the gateway road to southeast Travis County.

Because of the fact that the property resides in both Manor and Austin jurisdiction, the PUD zoning district would allow the Lagos development to more easily bridge gaps between municipalities and maintain a consistent and fluid community. The flexibility that PUD zoning allows will be invaluable as the previously mentioned roadway connector network comes into fruition and the City of Manor continues to grow.

(ii) To enhance and preserve areas which are unique or have outstanding significance

The rich cultural history of the area around Manor and eastern Travis County, will be researched, and preserved as areas develop. Components of cultural historic assets acquired will be catalogued and set in educational kiosks and displays throughout the Community to help educate the public on the many cultures that have existed on the fertile land that is Lagos.

The Gilleland Creek Greenway is a keystone in the City of Austin and Travis County's Parks and Open Space plan. Lagos shares nearly a mile of border with the future Gilleland Greenway. Numerous improvements including trail heads, parking, trails, play fields, lakes, wildlife habitat, nature educational exhibits, habitat enhancement or playscapes could be developed.

In addition to these preservation areas, Lagos will incorporate food and nature garden sites, to develop all age awareness of nature at work and how food grows and benefits the community.

(iii) To provide an alternative for more efficient use of land and infrastructure

Wildlife water fowl habitat and natural areas will be integrated into each of the strategically placed habitat lakes that will be maintained at constant levels such that they will act as wildlife and waterfowl attractants and will also be part of a complex, state-of-the-art water quality system. Providing wet pond storm water bio-filtration during rain events, these ponds will serve many uses, including water quality, wildlife management, and public use and enjoyment for young and old alike. These ponds are systematically organized to reduce storm sewer infrastructure cost and provide aesthetic improvements to the community that typical stormwater management facilities cannot provide.

The City of Manor requires 5% of a site area be dedicated as parkland in a typical subdivision. This would equate to roughly 7.3 acres of the Lagos development within the City of Manor. At this time, approximately 14 acres are being dedicated as parkland, open space, and a wildlife management preserve. None of the parkland lies in a floodplain, and the area resides in the heart of the development — allowing for a greater, more convenient greenspace for the entire community.

The Lagos development intends to dedicate 50 feet of right of way for future expansions to Blake Manor Road, and has established a future right of way reserve as wide as 120 feet for a potential expansion to FM 973 at the southeast corner of the property. Safety is paramount in any development, and Lagos is dedicating this land to help ensure that the roadways surrounding it can provide adequate capacity for Manor's growing needs. Internal streets will be designed per the City of Austin Transportation Criteria Manual, and several minor arterial roadways with 70 feet of right of way will be used to provide access to the development.

(iv) To encourage harmonious and coordinated development

Substantial 6, 8 and 10 foot wide bicycle and pedestrian trails will be able to be developed connecting the Highway 290 "Manor Expressway" trail to the Austin to Manor Rail Trail; the Parmer Lane trails, the WildHorse Connector and the future Gilleland Creek Greenway Trails, as well as numerous neighborhood trails within Lagos connecting neighborhoods, schools, businesses and community assets.

Numerous lakes, parks; some with improved Playgrounds and Playscapes, will be developed along public roadways and trails. Playground facilities will be all-age and all-ability accessible. A number of multi-use play fields would be developed for neighborhood sports activities, including soccer, softball, little league, basketball, football, lacrosse, and other activities.

(v) To facilitate the analysis of the effect of the development upon the economy and area

The most evident way that the Lagos Master Planned Community will provide improvements to the surrounding area and the City as a whole is in the additional residents that the development will serve. These residents will bring additional commerce and connection throughout the City.

The development will add to the tax base of the City, both through residents of Lagos and through businesses using the proposed commercial space. As the Lagos development is abutting several major roadways within the City, it makes logistical sense to offer a diverse set of uses in the area. The future roadway connector network will only increase the opportunity for the Lagos development to make a positive impact on both the City economy and the residents themselves.

(vi) To provide and result in an enhanced residential and/or work environment

Lagos' development will center around a series of man made lakes, embedded within the Community. These lakes will provide visual and recreational amenities for the public, in general, and the residents specifically. Lake front home sites will be very desirable.

Many of the lakes in Lagos will contain fishery habitats, with hydrophilic vegetation strategically designed to promote game fish development suitable for catch and release enjoyment. The lakes will be designed and built with many public amenities, including educational pavilions, fishing points, picnic points and knolls and water front park spaces. The lakes' interpretive center and surrounding wildlife habitat will be maintained by the Lagos Gilliland Wildlife Habitat Conservation Foundation.

(vii) To achieve overall coordinated mixed-use developments

The draught of the last three years has taken its toll on the riparian woodlands along Gilleland Creek within the planned Greenway. Nearly 50% of the mature trees in some areas have perished. The Lagos development would facilitate a professional reforestation program in conjunction with the planned park and greenway improvements listed above.

The Lagos development also proposes space dedicated to village clusters – a detached low density multi-family area. Tentative densities from these areas is approximately 10 units per acre. Somewhat akin to town homes, these clusters will allow for more options for potential residents of the Lagos development. Rather than construct apartment complexes side by side with single family residences, the Lagos development aims to use village clusters to diversify the property. Typical zoning regulations would not easily allow for this solution.



Subdivision Variances Requested

The Subdivision Variances requested for the Lagos PUD are as follows:

- 1. An aerial photograph may be submitted at the preliminary plat stage rather than a tree survey.
- 2. An inventory of significant trees that identifies the number of significant trees by category (trees 18 inches in caliper or larger and trees between 8 and 18 inches in caliper) to remain during construction and the number of significant trees in each category designated to be removed during construction shall be permitted with construction plans.
- 3. The number of replacement trees that will be installed, without the identification of the particular location at which the replacement trees shall be installed, shall be submitted with construction plans.
- 4. Significant cottonwood, hackberry or mesquite trees removed shall be replaced at a rate of 50% per caliper inch with an approved hardwood tree. All other significant trees must be replaced at the ratios defined in the city's subdivision ordinance.
- 5. The minimum lot area and lot width requirements (including the percentage of total lots within the master land plan that are permitted to be of such minimum lot area and lot width category), height and setback requirements, lot coverage requirements, parking requirements, and landscaping requirements for each lot shall be as set forth in the minimum development standards for lots within the master land plan and outside the corporate boundaries of the city or as set forth in the pud variances for lots within the pud and the corporate boundaries of the city.
- 6. Lots shall not be required to face a similar lot across the street.
- 7. Side lot lines shall not be required to project away from the front lot line at approximately right angles to street lines and radial to curved street lines.
- 8. The construction of sidewalks in residential and commercial areas need not be completed prior to final approval and acceptance of a final plat, but must be completed prior to the issuance of a certificate of occupancy or within 2 years from the approval of the final plat. A cost estimate for the construction of any sidewalks in residential areas not constructed prior to the final approval and acceptance of the final plat shall be prepared and a bond for 110% of such costs shall be posted with the city. Each year the developer and city may agree to the additional sidewalks in residential areas that were completed during the previous year and reduce the amount of the bond to reflect the construction costs of the sidewalks that have been completed. Sidewalks in residential areas not completed prior to the end of the 2-year period shall be completed by the developer or by the city with the bond funds. Failure to provide sufficient bonds or complete the sidewalks in residential areas shall not obligate the city to build sidewalks. The construction of sidewalks in non-residential areas shall be completed during subdivision construction.
- 9. Lot frontage widths of single-family lots shall be as follows:
 - a. Not more than 45% of such lots, not including cul-de-sac lots, may have a lot frontage width of not less than 40 feet.

- b. 55% or more of such lots, not including cul-de-sac lots, shall have a lot frontage width of 50 feet or greater.
- c. Any cul-de-sac lot shall have a lot frontage width of no less than 30 feet.
- 10. The minimum single-family residential lot shall be 6,000 feet.
- 11. Front setbacks for single-family residential lots shall be staggered as follows:
 - a. 40% of all lots within the property shall have a set back of 20 feet from the front property line.
 - b. 20 % of all lots within the property shall have a set back of 22.5 feet from the front property line.
 - c. 20% of all lots within the property shall have a set back of 25 feet from the front property line
 - d. 20% of all lots within the property shall have a set back of 27.5 feet from the front property line.
- 12. Single-family residential lots have a minimum side set back of five (5) feet for each lot.
- 13. Single-family residential lots have a minimum rear set back of ten (10) feet for each lot.

Zoning Variances Requested

The Zoning Variances requested for the Lagos PUD are as follows:

1. Apprvoed Land Uses

The land uses shown on the master plan shall be permitted. Changes to the location of the land uses shown on the master plan shall be granted by the planning and zoning commission if: (a) the proposed land uses are consistent with the following table; or (b) the change in location of land uses does not result in a higher density use than the use shown on the master plan. Any application for a change in location of land uses is deemed approved if the planning and zoning commission does not disapprove it within 30 days after the date the application is filed with the city secretary. If the planning and zoning commission disapproves an application for a change of land uses, then the applicant may appeal that disapproval to the city council. The city council will act on the appeal within 30 days of the date the appeal is filed with the city secretary.

TABLE 1: SITE DATA AND ACREAGES

LAND USE	ACREAGE	PERCENTAGE OF TOTAL ACREAGE
SINGLE-FAMILY RESIDENTIAL (R-2*)	96.4	65.92%
VILLAGE CLUSTER RESIDENTIAL (R-		
3)	11.4	7.76%
COMMERCIAL (G-1 AND G-2)	14.1	9.63%
OPEN SPACE (OS)	14.2	9.72%
MAJOR ROADWAYS	10,2	6.97%
TOTAL	146.2	100%

2. Minimum Lot Size, Height and Placement Requirements

TABLE 2: SETBACK, HEIGHT, AND LOT WIDTH INFORMATION

LAND USE	FRONT YARD	SIDE YARD	STREET SIDE YARD	REAR YARD	MINIMUM LOT	MINIMUM LOT	MAXIMUM HEIGHT
LAND USE	SETBACK (FT)	SETBACK (FT)	SETBACK (FT)	SETBACK (FT)	SIZE (SF)	WIDTH (FT)	LIMIT (FT)
R-1*	25	10	15	25	6,000	50-60	35
R-2	20	5	15	10	7,200	50	35
C-1	25	7	15	15	5,750	50	60
ÖS	25	10	15	25	7,500	60	35

Note: single-family development will follow setback and height guidelines for the r-2 zoning district, but will allow for a minimum lot size of 6,000 square feet for a portion of the development.

3. Lot Coverage

TABLE 3: ALLOWABLE LOT COVERAGE

LAND USE	MAIN BUILDINGS	MAIN AND ACCESSORY BUILDINGS
R-2*	40%	50%
R-3	40%	50%
C-1 AND C-2	60%	70%
OS	50%	60%

4. Parking

Off-street parking for more than five vehicles and loading areas shall be effectively screened by a private fence, hedge, planting or natural vegetation or topography on each side which adjoins land designated for a residential use or a residential use.

5. Landscaping

The following percentage of the net area of each lot shall be landscaped. The net lot area shall equal the total lot area less the area to be left unimproved because of the existence of natural features that are worthy of preservation or that would make improvements impractical.

TABLE 4: LANDSCAPING REQUIREMENTS

LAND USE NET LOT AREA		
R-2*	SEE NOTE	
R-3	20%	
C-1 AND C-2	15%	
OS	20%	

Note: minimum landscape requirements for each lot within a single-family, dwelling, or a manufactured home, shall be a minimum of two (2) two-inch trees, six (6) two-gallon shrubs and lawn grass from the property line to the front two (2) corners of the structure. Residential structures on reverse frontage lots shall also be required to screen the rear of the structure from the abutting highway, access road, or other public right-of-ways.

Landscaping placed within public right-of-way shall not be credited to the minimum landscape requirements by this section unless the developer and the city negotiate a license agreement by which the developer assumes the responsibility for the maintenance, repair and replacement for all landscaping located within the public right-of-way.

6. Maximum Density

TABLE 5: ALLOWABLE MAXIMUM DENSITIES

LAND USE	MAXIMUM DENSITY
R-3	10 UNITS PER ACRE
C-1 AND C-2	1.8 TO 1 FAR

Please contact me at 512-418-1771 if additional information is required.

Sincerely,

KIMLEY-HORN AND ASSOCIATES, INC.

Robert J. Smith, P.E.

Senior Project Manager

December 16, 2015 City of Manor Attn: Tom Bolt 105 E Eggleston St. Manor, TX 78653

RE:

Lagos Master Planned Community PUD Plan Comments received via email

To Whom It May Concern:

Please accept this Comment Response Letter for the above referenced project. This submittal is in response to the comments provided by Scott Dunlop on November 16, 2015. The original comments have also been included below for reference.

City of Manor - Scott Dunlop - 512-272-5555

1. We're looking for how this zoning achieves the purposes and objectives set forth in the zoning ordinance (185 Sec 49(a)(i-vii)). Also in return for deviating from traditional zoning standards there has to be an increase in another public amenity; like additional improved parkland, better streets, amenity centers available to the entire city, etc. These need to be explicitly detailed so Council and determine if the PUD zoning is more beneficial than traditional zoning.

Response: Please see the attached letter highlighting the vision of the proposed Lagos community. Descriptions of proposed benefits and tangible examples are provided in this document. These uses convey that PUD zoning would be more beneficial than traditional zoning, especially as the City of Manor continues to grow.

2. The types of land uses need to be described too, like is it single-family detached or attached and what are village clusters envisioned to be?

Response: All areas marked as single family on the exhibit will be dedicated to detached single family housing. The Village clusters are envisioned to be somewhat similar to town homes at an approximate density of 10 living units per acre. These residences are envisioned to be detached – our client feels that this option is a better fit for the rest of the community that a typical multifamily apartment complex.

3. There's also note 10 that states the minimum lot size is 4,000 sq ft. for single-family but the chart says 6,000.

Response: Note 10 has been corrected to match the chart.

Please contact me at 512-418-1771 if additional information is required.

Sincerely,

KIMLEY-HORN AND ASSOCIATES, INC.

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Robert J. Smith, P.E.

Senior Project Manager



December 24, 2015

Mr. Tom Bolt Director of Development Services/City Manager City of Manor P.O. Box 387 Manor, TX 78653

Re:

Master Plan Review for

Lagos PUD

City of Manor, Texas

Dear Mr. Bolt:

The first submittal of the Master Plan for Lagos PUD prepared by Kimley-Horn and Associates and delivered to our office on December 18, 2015, has been reviewed for compliance with the City of Manor Zoning Ordinance 185. Based upon our review, we can offer the following comments:

- 1. The Master Plan should be retitled Preliminary Site Plan.
- 2. A Preliminary Site Plan of the entire property should be submitted. Section 49(e) of the City of Manor Zoning Ordinance 185 requires that a **Preliminary Site Plan of the entire property** within the Planned Unit Development be submitted in order for the Commission to study and review the plan prior to any recommendation to, or consideration by, the City Council of the Planned Unit Development district ordinance.
- 3. Section 49(e)(iii)(B) requires that information be submitted describing the environmental impact of the development relating to the preservation of existing natural resources on the site and the impact on the natural resources of the surrounding properties and neighborhood.
- 4. Details of the relationship of the proposed development to adjacent uses in terms of harmonious use and design, setbacks, maintenance of property values and negative impacts should be provided per Section 49(e)(iii)(C).
- 5. Section 49(e)(iii)(D) requires that details for the provision of a safe and efficient vehicular and pedestrian circulation system be provided.
- 6. The design and location of proposed off-street parking spaces and loading facilities are not indicated on the plan as required by Section 49(e)(iii)(E) of Zoning Ordinance 185. Off street parking and loading facilities must be indicated on the plan in order to ensure that all such spaces are usable and are safely and conveniently arranged.
- 7. Section 49(e)(iii)(F) requires that the proposed streets should be shown on the Preliminary Plan in order to show that the streets have sufficient width and suitable grades and that the streets have been designed to accommodate prospective traffic and to provide access for firefighting and emergency equipment to buildings.

- 8. The coordination of streets should be shown on the Preliminary Plan so as to show that a convenient system consistent with the Thoroughfare Plan of the City will be created as is required by Section 49(e)(iii)(G) of the Zoning Ordinance.
- 9. Section 49(e)(iii)(H) requires that details of the use of landscaping and screening be provided with the preliminary plan in order demonstrate that adequate buffers are provided to shield lights, noise, movement or activities from adjacent properties when necessary and to show that the landscaping and screening complement the design and location of buildings and are integrated into the overall site design.
- 10. The location, size and configuration of open space areas should be shown on the Preliminary Plan to ensure that such areas are suitable for intended recreation and conservation uses.
- 11. Information should be provided to demonstrate the adequacy of water, drainage, sewage facilities, garbage disposal and other utilities necessary for essential services for residents and occupants.

Please provide a written response narrative that identifies how each of the comments was addressed. Additional comments may be rendered based upon reviews of updated submittal information.

Please call if you have any questions or need additional information.

Sincerely,

Pauline M. Gray, P.E.

Copy: Robert J. Smith, P.E., Kimley-Horn and Associates

Scott Dunlop, City of Manor

PMG/s

PN 100-986-10



February 17, 2016
Jay Engineering Company, Inc.
Attention: Pauline M. Gray, P.E.
P.O.Box 1220
Leander, Texas 78646

RE: Preliminary Site Plan review for Lagos PUD City of Manor, Texas

To Whom It May Concern:

Please accept this Comment Response Letter for the above referenced project. This submittal is in response to the comments provided by Pauline M. Gray, P.E., letter dated on December 24, 2015. The original comments have also been included below for reference.

1. The Master Plan should be retitled Preliminary Site Plan.

Response: The exhibit title has been revised upon discussions with City of Manor staff on January 12, 2016.

2. A Preliminary Site Plan of the entire property should be submitted. Section 49(e) of the City of Manor Zoning Ordinance 185 requires that a **Preliminary Site Plan of the entire property** within the Planned Unit Development be submitted in order for the Commission to study and review the plan prior to any recommendation to, or consideration by, the City Council of the Planned Unit Development district ordinance.

Response: The attached preliminary site plan has been revised to meet the requirements set forth in Section 49(e) of the City of Manor Zoning Ordinance.

3. Section 49(e)(iii)(B) requires that information be submitted describing the environmental impact of the development relating to the preservation of existing natural resources on the site and the impact on the natural resources of the surrounding properties and neighborhood.

Response: Please find attached a copy of an environmental assessment of the Lagos property compiled by SWCA Environmental Consultants, dated June 2014. This assessment details the hydrogeologic conditions of the Lagos property, as well as on-site floodplain, critical environmental features, critical water quality zones, and other notable natural features. Kimley-Horn has taken care to consider these features when creating the preliminary site plan, and intends to use the findings of the SWCA report to develop the property in a responsible manner. This report should provide sufficient information to satisfy section 49(e)(iii)(B).

4. Details of the relationship of the proposed development to adjacent uses in terms of harmonious use and design, setbacks, maintenance of property values and negative impacts should be provided per Section 49(e)(iii)(C).

Response: Notes have been added to the preliminary site plan to clarify that the requirements of Section 49(e)(iii)(C) will be sufficiently met. The Proposed development intends to continue harmonious use with the adjacent Hamilton point subdivision by providing right of way for future widening of E Brenham Street and Blake Manor Road to ensure adequate access and prevent congestion. The proposed internal street network ties in with existing roadways adjacent to the property to provide a smooth and seamless transition from one property to the next. The commercial tracts will provide restaurants and retail space for nearby residents to enjoy, and offices to provide additional jobs in the area. More information will be provided in the final design of the site.

5. Section 49(e)(iii)(D) requires that details for the provision of a safe and efficient vehicular and pedestrian circulation system be provided.

Response: The preliminary site plan now details the circulation system thoughout the property. Street sections will be laid out to meet the guidelines specified in the City of Austin Transportation Criteria Manual to ensure that vehicular and pedestrian circulation through the development satisfies section 49(e)(iii)(D) of the City of Manor Zoning Ordinance.

6. The design and location of proposed off-street parking spaces and loading facilities are not indicated on the plan as required by Section 49(e)(iii)(E) of Zoning Ordinance 185. Off street parking and loading facilities must be indicated on the plan in order to ensure that all such spaces are usable and are safely and conveniently arranged.

Response: The preliminary site plan has taken the requirements of section 49(e)(iii)(E) into consideration. All parking and loading facilities will meet municipal requirements, including requirements set forth in the City of Austin Transportation Criteria Manual as required, and ensuring adequate ADA parking spaces are provided. Notes clarifying these regulations have been added to the preliminary site plan.

7. Section 49(e)(iii)(F) requires that the proposed streets should be shown on the Preliminary Plan in order to show that the streets have sufficient width and suitable grades and that the streets have been designed to accommodate prospective traffic and to provide access for firefighting and emergency equipment to buildings.

Response: A preliminary trip generation analysis has been provided as part of the submittal package. As there is some uncertainty concerning the exact uses of the commercial parcels at this time, a breakdown of 75% office, 5% restaurant, and 20% retail was assumed for the trip generation. The Floor to Area ratio of these uses were assumed to be 0.4 for office, 0.2 for restaurant, and 0.25 for retail uses. These assumptions are specified on the preliminary site plan as well. The forthcoming Lagos TIA will analyze the trip generation and other traffic impacts more thoroughly.

Streets have been designed to meet the City of Austin Transportation Criteria Manual in regards to minimum radii, right-of-way widths, etc. The street network is now shown on the preliminary plan to satisfy the requirements of section 49(e)(iii)(F).

8. The coordination of streets should be shown on the Preliminary Plan so as to show that a convenient system consistent with the Thoroughfare Plan of the City will be created as is required by Section 49(e)(iii)(G) of the Zoning Ordinance.

Response: The development includes right-of-way dedication to allow Blake Manor Road to be widened to a 4 lane major arterial per the City of Manor thoroughfare plan. In addition to this dedication, other potential roadway alignments were considered when creating the preliminary site plan. The future Wildhorse connector is displayed on the preliminary site plan. Additionally, the FM 973 realignment per the thoroughfare plan is displayed on the plan. Discussions with City staff and TXDOT are ongoing to determine the best manner to provide connectivity to the area. The forthcoming Lagos TIA will expound on these issues in greater depth.

9. Section 49(e)(iii)(H) requires that details of the use of landscaping and screening be provided with the preliminary plan in order demonstrate that adequate buffers are provided to shield lights, noise, movement or activities from adjacent properties when necessary and to show that the landscaping and screening complement the design and location of buildings and are integrated into the overall site design.

Response: Notes have been added to the preliminary site plan to clarify the landscape requirements for the development. Lights, noise, movement and other activities will be shielded from adjacent properties. The commercial and village cluster tracts will be designed and planned to accommodate these requirements as well. More information concerning specific landscaping and screen walls will be provided with the final design.

10. The location, size and configuration of open space areas should be shown on the Preliminary Plan to ensure that such areas are suitable for intended recreation and conservation uses.

Response: Open space areas are now shown and labeled on the preliminary site plan. The open space area intends to provide a variety of amenities to the development, including fishing ponds with trails along the banks and a natural greenspace for the residents to enjoy.

11. Information should be provided to demonstrate the adequacy of water, drainage, sewage facilities, garbage disposal and other utilities necessary for essential services for residents and occupants.

Response: A table detailing the LUE's generated by the development has been added to the preliminary site plan. Please see the attached water and wastewater calculations for additional information. In regards to the commercial lots, the same assumptions for the preliminary trip generation analysis were used to determine LUE's.

Please contact me at 512-418-1771 if additional information is required.

Sincerely,

KIMLEY-HORN AND ASSOCIATES, INC.

RLA J.

Robert J. Smith, P.E.

Senior Project Manager

2/17/2016 1:41 PM Planner Sheet

Trip Generation Planner (ITE 9th Edition) - Summary Report

Weekday Trip Generation Trips Based on Average Rates/Equations

Project Name Project Number

Net Trips after Internal Capture & Pass-By Net Trips after Internal Capture Rates AM Rate Avg 9.52 Avg 5.81 Avg 11.03 Avg 42.70 Avg 89.95 Daily Rate Avg Rate or Eq No. of Units 445 115 196.4 32.7 6.5 Dwelling Unit(s)
Dwelling Unit(s)
1,000 Sq Ft
1,000 Sq Ft
1,000 Sq Ft Independent Variable ITE Capture
Code Land Use Land Use Description
WATOMARA RESIDENTING Single-Family Detected Housing
WATOMARA RESIDENTING Single-Family Detected Housing
WATOMARA RESIDENTING Residential Condominum/Townhouse
WATOMARA RESIDENTIAL SINGLE Building (1)
WATOMARA RESIDENTIAL CONDUCTION CONTRACTOR CONTRACT

PM PM In Out 243 1,55 20 190 30 190 24 24 24 24

2 2 8 2 8

Kimley»Horn

1

AM Trips AM Trips In 777 PM 398 30 220 220 48 S Trips Trips Daily AM 104 Trips Tri
 PM
 Daily
 AM
 AM
 FM
 PM
 PM
 AM
 PM
 PM
 PM
 AM
 9060 727 968 0.75 0.44 0.96

335 389

385 342

Totals

AM and/or PM rates correspond to peak hour of generator

Notes:

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Trip Ceneration data from ITE *Trip Generation, 9th Edition*AMPM rates correspond to peak of adjacent street traffic (if data available)
Includes weekday rates only and in themal capture
Pass-by trips with a "Trip Generation Handbook," 2nd Edition
Pass-by rates from ITE Trip Generation Handbook, 2nd Edition
International rates from ITE Trip Generation Handbook, 2nd Edition
Worksheet is intended as a planning tool. Verify results w/ ITE Trip Generation 9th Edition

LAGOS PLANNED UNIT DEVELOPMENT - MANOR

WATER CAPACITY CALCULATIONS

Population:

	LUE's	People per LUE	
	678.00	3.5	2,373.00
Total	678.00		2,373.00

Data from City of Austin Utility Criteria Manual

Peak hour demand

900 Gal/Person/Day

0.00139 cfs

Peak Daily Demand

530 Gal/Person/Day

0.00082 cfs

Calculations

Total Peak Hour Demand

2,135,700 Gal/Day

or 1,483.13 gpm

3.30 cfs

Total Peak Daily Demand

1,257,690 Gal/Day

Of

873.40 gpm

1.95 cfs

Fire Flow

Sprinkler Reduction Used

Anticipated Fire Flow Demand

1,500.00 gpm

3.34 cfs

Duration of Fire Flow

2 hours

LAGOS PLANNED UNIT DEVELOPMENT - MANOR

WASTEWATER CAPACITY CALCULATIONS

Design Criteria

Project Data Development Size =

146.2 Acres

Po	pu]	lat	ion	:

- 1				
		LUE's	People per LUE	Total Pop.
		678.00	3.5	2,373.00
	Total	678.00		2,373,00

Data from City of Austin Utility Criteria Manual

Wastewater Generation =

Inflow and Inflitration =

70 gal/person/day 750 Gal/ Acre*Day

Calculations

Total Avg Dry Weather Flow (F) -

166,110 Gal/day

3.53 Unitless

115.35 gpm

Peaking Factor (Mp =)

$$Mp = \frac{18 + (0.0206 * F)^{0.5}}{4 + (0.0206 * F)^{0.5}}$$

Min. Flow Factor (Mm =)

0.22 Unitless

$$Mm = 0.2 * (0.0144 * F)^{0.198}$$

Minimum Dry Weather Flow -	36,733.65	Gal/day	or	25.51 gpm	=	0.06 cfs
Peak Dry Weather Flow -	585,767	Gal/day		406.78 gpm	=	0.91 cfs
'&I Contribution -	109,635	Gals/Day	or	76.14 gpm	=	0.17 cfs
Total Peak Wet Weather Flow -	695,402	Gal/ Day	or	482.92 gpm	H	1.08 cfs

Lagos 706 Investment Partnership, Ltd. Wildlife Management Plan for 2015-2019

Site Visit Conducted on April 19, 2015 Summary

Property Description:

 \pm 681.192 acres in eastern Travis County off of FM 973 and Blake Manor Road, approximately 1 mile south of US Highway 290 in Manor, Texas. See attachment for specific Travis CAD account numbers.

Ownership:

706 Investment Partnership, Ltd. 9900 Hwy 290 E Manor, TX 78653

Current Use:

Valued under 1-d-1 open spaces agricultural use appraisal.

Planned Use:

Wildlife management for active recreational use and passive aesthetic enjoyment; to be valued under 1-d-1w wildlife management use appraisal.

Target Indigenous Species:

Songbirds Mourning Dove White-tailed Deer Wild Turkey

Planned Management Practices: (7 out of 7)

Habitat Control

1. Brush Management 2015-2019

Erosion Control

1. Pond Construction and Major Repair 2015-2024

Predator Control

1. Imported Red Fire Ant Control 2015-2019

Supplemental Water

- 1. Marsh/Wetland Restoration or Development 2015-2024
- 2. Well/Troughs/Windmill Overflow/Other Wildlife Waterers 2015-2024

Supplemental Food

1. Feeders and Mineral Supplementation 2015-2019

Providing Shelters

- 1. Nest Boxes, Bat Boxes 2015-2019
- 2. Brush Piles and Slash Retention 2015-2019

Making Census Counts to Determine Population

1. Songbird Transects and Counts 2015-2019

Lagos 706 Investment Partnership, Ltd. Wildlife Management Plan for 2015-2019

Prepared by PLATEAU Land & Wildlife Management, Inc. Site Visit Conducted on April 19, 2015

Property Description

Size	+/- 681.192 acres
Location	eastern Travis County
Nearest Town/Major	1 mile south of US Highway 290 in Manor, Texas off of FM 973 and
Intersection	Blake Manor Road
Shape	Irregular
Boundary Features	The western boundary occurs along FM 973 while the northern boundary occurs along Blake Manor Road. All remaining boundaries occur along fence lines with neighboring tracts.
Significant Water Features	One large pond and two smaller tanks occur on the property. Numerous drainages bisect the property, typically draining from east to west.
Terrain	Gently sloping from east to west.
Elevation	Maximum - 560 ft MSL Minimum - 475 ft MSL
Fencing	Perimeter
Wildlife Use Appraisal Region	Eastern Edwards Plateau
Ecological Region	Blackland Prairie
River Sub-Basin	Lower Colorado-Cummins
Major River Basin	Colorado River
Coastal Bay	Matagorda Bay
Average Rainfall for Area	32-34 inches/yr

Current Habitat Description

The Lagos property consists of two major habitat types including:

- 1. Old Pasture
- 2. Mixed Woodlands

Old Pasture

Where It Occurs:

The overwhelming dominating habitat throughout the entire property is old pasture.

Canopy Layer:

Canopy cover within this habitat is extremely variable, dependant on the amount of regrowth, invasive mesquite. Scattered portions of the old pasture are nearly void of canopy species, and in some cases void of any wooded species. Mesquite has severely invaded the majority of the property, and is representative of the various age classes of growth. In some cases, hackberry, cedar elm, or bois d'arc can be found scattered amongst the dense mesquite layer.

Shrub Layer:

Mesquite can be found in large sections of similar structure, indicating previous efforts to control. Diversity is extremely low throughout with only a scattering of other species occurring. Prickly pear cactus, condalia spp., twist-leaf yucca, bumelia, and lime prickly-ash were seen scattered throughout, in extremely limited numbers.

Herbaceous Layer:

The herbaceous community is comprised of a mixture of weedy forbs and dense cool season grasses. Some patches are comprised almost entirely of weedy forbs such as croton, giant ragweed, silver-leaf nightshade, cocklebur, evening primrose, and Indian paintbrush. When grass is present, cool season grasses such as rescuegrass, Texas wintergrass, Japanese brome, and ryegrass are common with a scattering of warm season remnants such as silver bluestem and limited little bluestem.

Plants Observed/Expected:

Trees	Shrubs/Vines/Succulents	Grasses/Forbs
Mesquite	Young mesquite	Rescuegrass
Cedar elm	Prickly pear cactus	Texas wintergrass
Hackberry	Bumelia	Ryegrass
Bois d'arc	Twist-leaf yucca	Japanese brome
Bumelia	Lime prickly-ash	Coastal bermudagrass
	Flame-leaf sumac	Silver bluestem
	Condalia spp.	Little bluestem
	Willow baccharis	Cocklebur
		Silver-leaf nightshade
		Evening primrose
		Indian paintbrush
		Erect gayfeather
		Western ragweed
		Croton
		Giant ragweed

Mixed Woodlands

Where It Occurs:

The mixed woodlands are found along the drainages, scattered fence lines, and a small woodland patch located along the northern boundary.

Canopy Layer:

Canopy within these woodlands is typically comprised of hackberry, mesquite, bois d'arc, bumelia, Texas ash, and occasional non-natives such as Chinese tallow and chinaberry.

Shrub Layer:

The understory shrub layer is often limited with low diversity. Young mesquite dominates the layer with scattered flame-leaf sumac, possumhaw, bumelia, condalia, and prickly pear cactus.

Herbaceous Layer:

The herbaceous community is limited within the denser habitats with only a scattering of grasses and forbs occurring. A few pockets of giant reed are present. Giant ragweed occurs along the edges of the woodlands and the old pasture habitats.

Plants Observed/Expected:

Trees	Shrubs/Vines/Succulents	Grasses/Forbs
Hackberry	Young mesquite	Little bluestem
Cedar elm	Bumelia	Giant reed
Bois d'arc	Prickly pear cactus	Giant ragweed
Texas ash	Possumhaw	Croton
Bumelia	Condalia	Various paspalums
Chinaberry	Flame-leaf sumac	Virginia wildrye
Chinese tallow	Willow baccharis	Texas wintergrass
	Greenbriar	Frostweed

Management Priorities:

Numerous activities can benefit the wildlife on the property and can be broken to immediate action items. Those that will be more long-term will likely take a few years to initiate. Activities that will immediately benefit wildlife include the treatment of imported red fire ants, control of invasive mesquite, installation of nesting boxes for cavity nesting species such as wrens and titmouse, and providing permanent food and water sources a wide variety of wildlife. Eventually, the creation of scattered ponds and seasonal wetlands, which may be maintained by pumped water will provide valuable habitat for wildlife. The benefits of long-term mesquite control can be compounded by the planting a mixture of native trees and shrubs.

White-tailed Deer:

Based on discussions with the landowner, deer numbers are currently low. While deer are not a target species of this wildlife management plan and hunting is not a formal component of this plan, reducing deer numbers is encouraged as it will increase the abundance and diversity of seed-producing forbs (an important food source for a variety of seed eaters), encourage recruitment of important shrubs and trees (important cover and food sources for a variety of birds and mammals), and increase amounts of available forage for all wildlife. The use of corn or other supplemental feeders on properties where no hunting will occur is discouraged.

Soil Types (from NRCS Soil Descriptions)

There are six main soil types located on the Lagos property in Travis County.

Map unit: FhF3 - Ferris-Heiden complex, 8 to 20 percent slopes, severely eroded

The Ferris, severely eroded component makes up 60 percent of the map unit. Slopes are 8 to 20 percent. This component is on linear gilgai on ridges on plains. The component is in the Eroded Blackland Pe 44-64 ecological site. This series consists of clay soils. Climax vegetation includes big and little bluestem, indiangrass switchgrass, wildrye, meadow dropseed, Texas wintergrass, silver bluestem Engelmann daisy Maximilian sunflower gayfeather black samson, bundleflower sensitivebrier neptunia prairie clovers, scurfpea, button snakeroot, and groundplum.

Map unit: HeD2 - Heiden clay, 5 to 8 percent slopes, moderately eroded

The Heiden, eroded component makes up 95 percent of the map unit. Slopes are 5 to 8 percent. This component is on linear gilgai on ridges on plains. This component is in the Blackland Pe 44-64 ecological site. This series consists of clay soils. Climax vegetation is little bluestem, big bluestem, indiangrass, and switchgrass; with Maximilian sunflower, Engelmann daisy, button snakeroot, bundle flowers, prairie clover, prairie parsley, Indian plantain, and gayfeather.

Map unit: HnB - Houston Black clay, 1 to 3 percent slopes

The Houston Black component makes up 95 percent of the map unit. Slopes are 1 to 3 percent. This component is on circular gilgai on ridges on plains. This component is in the Blackland Pe 44-64

ecological site. This series consists of clay soils. Climax vegetation is little bluestem, big bluestem, indiangrass, and switchgrass; with Maximilian sunflower, Engelmann daisy, button snakeroot, bundle flowers, prairie clover, prairie parsley, Indian plantain, and gayfeather.

Map unit: HnC2 - Houston Black clay, 3 to 5 percent slopes, moderately eroded
The Houston Black, eroded component makes up 95 percent of the map unit. Slopes are 3 to 5 percent. This component is on linear gilgai on ridges on plains. This component is in the Blackland Pe 44-64 ecological site. This series consists of clay soils. Climax vegetation is little bluestem, big bluestem, indiangrass, and switchgrass; with Maximilian sunflower, Engelmann daisy, button snakeroot, bundle flowers, prairie clover, prairie parsley, Indian plantain, and gayfeather.

Map unit: HoD2 - Houston Black gravelly clay, 2 to 8 percent slopes, moderately eroded
The Houston Black, eroded component makes up 95 percent of the map unit. Slopes are 2 to 8 percent.
This component is on linear gilgai on ridges on plains. This component is in the Blackland Pe 44-64 ecological site. This series consists of clay soils. Climax vegetation is little bluestem, big bluestem, indiangrass, and switchgrass; with Maximilian sunflower, Engelmann daisy, button snakeroot, bundleflowers, prairie clover, prairie parsley, Indian plantain, and gayfeather.

Map unit: Tw - Tinn clay, 0 to 1 percent slopes, frequently flooded

The Tinn component makes up 95 percent of the map unit. Slopes are 0 to 1 percent. This component is on circular gilgai on flood plains on plains. The component is in the Clayey Bottomland Pe 44-64 ecological site. Climax vegetation supports oak, elm, hackberry, and ash with understory of grape, greenbrier, honeysuckle, and hawthorn. Virginia wildrye, switchgrass, eastern gamagrass, and beaked panicum occur with blood ragweed, ironweed, white crownbeard, and spiny aster.

Past History of Land Use and Wildlife

The Lagos property has historically been used for agriculture and is valued under 1-d-1 open space valuation. The abundance of wildlife currently on the property provides both passive and aesthetic enjoyment for the landowner's family and friends.

Landowners' Goals

The landowner intends to manage this land to the benefit of native wildlife and sustaining habitat including restoration to healthy community associations of Blackland Prairie woody and grassland species. It is their intention to restore and manage this land for increased biodiversity for the passive and aesthetic enjoyment afforded by the property. This healthy habitat will be managed primarily for the benefit of songbirds, white-tailed deer, Mourning Dove and ground-nesting birds such as Wild Turkey. While the target species of this plan are restricted to the above species, activities performed will benefit a wide variety of wildlife in addition to improving overall land health and ecological function. Because different portions of the property are suitable for different types of wildlife, actively managing for multiple species concurrently is consistent with wildlife management principles and will maximize overall benefit to wildlife.

Wildlife Management Plan

Preparation and implementation of this wildlife management plan involves enumerating the target species, planned practices, and monitoring methods. This plan was prepared by Mark Gray, wildlife biologist, of Plateau Land and Wildlife Management, Inc. The site visit to gather information used for this plan was conducted on April 19, 2015.

Planned Wildlife Management Practices

Habitat Control

1. <u>Brush Management</u>. (2015-2019) Overgrowth of mesquite will be controlled to reduce density/prevent invasion and improve habitat for wildlife. Mesquite is a root-sprouter and requires chemical treatment or complete bud zone removal to achieve control. Chemical treatment method is dictated by the size and structure of the trees. Mechanical control involves uprooting the plant with a power-grubber or other grubbing attachment.

Large trees with rough bark should be treated with the cut-stump method that involves cutting the plant off at ground-level and immediately spraying the stump with a 15% mix of RemedyTM in diesel or Remedy RTU. This method may be used in conjunction with hydraulic shears to remove the above-ground portion of the plant. Shears with built-in herbicide application capabilities streamline the process. This treatment can be applied at any time of the year.

Trees with few basal stems (trunks emerging from the ground) and smooth bark can be treated using the low-volume basal spray method, which eliminates the need to cut the tree down prior to treatment. This involves spraying the lower 12-18 inches of each basal stem with a 15%-25% mix of RemedyTM in diesel or Remedy RTU. This method may be applied throughout the year, but best results are achieved during the growing season.

Young, regrowth plants (particularly those <8ft tall with many basal stems) can be quickly controlled by a foliar application of ½% Remedy and ½% Reclaim in water or a ½%-¾% mix of Sendero herbicide in water. A surfactant such as methylated seed oil (MSO) and dye should be added to the mixture. This method should only be applied in the late spring/early summer once the leaves turn dark green and no new, light-green leaves are present on the plant.

All of these methods are detailed in the Brush Busters program for mesquite control (http://texnat.tamu.edu/about/brush-busters/). Brush management will annually affect a minimum of 10 acres. Receipts for chemicals, and a map indicating areas controlled each year will be available on request.

In addition, in order to provide cover and shelter for songbirds and other wildlife, young hardwoods will be planted and/or protected from deer browsing. Protecting young saplings with either fencing or slash material will allow these trees to grow and contribute to the tree layer. Excessive browsing by deer on important hardwoods is having a detrimental impact on woody plant diversity, including the Lagos property. Trees to protect include Spanish oak, Eve's necklace, hackberry, and escarpment black cherry. Maps of locations of plantings and protected areas along with photographs of protected plants will be available on request.

Erosion Control

1. Pond Construction and Major Repair. (2015-2024) A series of small and larger ponds will be constructed for the purpose of controlling and preventing erosion while providing habitat diversity and wildlife benefits. These ponds will be supplemented year round by well water pumped directly on-site. Creation of shallow water areas as primary production wetlands will be undertaken where feasible. This activity will count for 10 years of credit upon completion as long as annual maintenance is performed. The pond construction areas is indicated on the attached map. Photos and associated records will be available on request.

Predator Control

1. Imported Red Fire Ant (IRFA) Control. (2015-2019) The landowner is aware of the potential negative effect of Imported Red Fire Ants on wildlife populations due to food decrease and direct predation of bird nestlings and other wildlife. Imported Red Fire Ants will be monitored annually (fall or spring), and appropriate control measures will be taken in infested areas with non-toxic products (i.e. growth inhibiting, metabolic modifying, or hormone interrupting baits) as much as possible. Extinguish Plus is an effective and cost-efficient fire ant control bait for use on areas not intended for grazing beef cattle or other livestock used for feed. If treated areas are to be grazed by livestock to be used for human consumption, then regular Extinguish or a similarly approved product for grazing should be used. The bait should be applied at the rate of 2-5 tbsp/mound or according to label directions. Spring and fall mound applications produce the greatest effect. A minimum of 25 acres will be monitored and treated as needed annually. The treatment area is represented on the attached map. Records of areas treated and receipts for fire ant bait will be available upon request.

Supplemental Water

- 1. Marsh / Wetland Restoration or Development. (2015-2024) Supplemental water will be provided in the form of shallow wetlands for songbirds, turkey, dove, deer, amphibians, and migratory waterfowl. This newly developed small seasonal wetland will not only provide supplemental water but will also help control erosion of the down slope area. The shallow areas will capture or slow a significant volume of water that washes down the uplands in large rainfall events. Efforts should be made to create a diversity of aquatic habitats (ex: deep pools, shallow mud flats, etc.) and to maximize the amount of edge by creating irregularly-shaped wetland sides. This activity will count for 10 years of credit upon completion. Maps and photos will be available on request.
- 2. Well/Trough/Windmill Overflow/Other Wildlife Watering Devices. (2015-2024) Supplemental water will be provided for songbirds, Wild Turkey, dove, and white-tailed deer through 3-4 wildlife water sources. The watering facilities will be enhanced for wildlife use by installing rock ramps or perch wire from the ground, over the trough lip, and to the bottom of the trough. The modifications will provide better access for small mammals, reptiles, and songbirds and a way to avoid drowning if water levels drop. Rainwater catchment will provide the water source for these devices designed specifically for wildlife. Water catchment supplied water sources may need to be supplemented during especially dry periods. Ideal distribution for most wildlife is 1/4-1/2 mile between sources. This activity will count for 10 years of credit upon completion as long as annual maintenance is performed. Maps of the water source locations will be available on request.

Providing Supplemental Supplies of Food

1. Feeders and Mineral Supplementation. (2015-2019) The optimum feeding regime for songbirds, dove, and turkey during the breeding season would include at least three platform-style birdseed feeders. The birdseed feeders should be filled with a mixture of 75% scratch grains and 25% black-oil sunflower seeds. The feeders should be filled regularly, kept clean, and may be relocated as needed. During the winter, the birdseed feeders should contain at least 25% sunflowers due to the increased need for fat reserves. Receipts for birdfeed should be kept and available upon request, along with a photo of each feeder.

Providing Shelters

1. <u>Nest Boxes</u>, <u>Bat Boxes</u>. (2015-2019) The landowner will place nest boxes in appropriate habitat throughout the property. After these boxes have been placed, the nest box program will consist of annual monitoring, repair, upkeep, and replacement. Approximately 40 boxes will be erected.

Titmouse boxes (20 boxes recommended) should be placed on woodland edges, oak parklands, or anywhere grassy areas and trees meet. Wren boxes (20 boxes recommended) should be located in wooded shrubby habitats.

All boxes located in open or semi-open habitats should face the northeast to minimize the amount of heat entering the box. The nest boxes will be monitored annually for predators, occupancy and successful breeding. All songbird boxes should be cleaned in later winter before the breeding season begins. Copies of monitoring information and a map of nest box locations will be provided upon request.

2. Brush Piles and Slash Retention. (2015-2019) This practice involves placement and retention of brush piles to provide additional wildlife cover and protection for saplings of desirable plant species. Teepees of limbs or posts will provide cover for small mammals and ground nesting birds. In addition to providing wildlife habitat, brush piles placed at the base of desirable shrubs/trees such as white shin oak, Spanish oak, and cedar elm will promote their regeneration. Brush piles should be mound- or tepee-shaped and located in areas without significant amounts of cover-providing shrubs. Ideally, they should be 6-8 feet high and 10-15 feet in diameter. The largest material should form the base and layers of smaller limbs and branches should be added as filler. Care should be taken to create an open cavity at the base of the pile to promote animal use. A minimum of 10 properly constructed brush piles will be created each year the practice is performed. Existing brush piles may be reshaped and maintained annually, as an alternative to new construction. Maps indicating location of shelters and representative photos will be available on request.

Making Census Counts to Determine Population

1. <u>Songbird Transects and Counts</u>. (2015-2019) An annual breeding and wintering songbird survey as per accepted protocol will be conducted on the property. These surveys will provide information helpful in monitoring trends in the health and sustainability of songbird populations. Copies of survey design and data will be available on request.



March 8, 2016

Mr. Tom Bolt Director of Development Services/City Manager City of Manor P.O. Box 387 Manor, TX 78653

Re:

Master Plan Second Review for

Lagos PUD

City of Manor, Texas

Dear Mr. Bolt:

The third submittal of the Master Plan for Lagos PUD prepared by Kimley-Horn and Associates and delivered to our office electronically on March 2, 2016, has been reviewed for compliance with the City of Manor Zoning Ordinance 185. Based upon our review, we can offer the following new comments along with previous comments that have not been cleared:

- 1. Hike and Bike Trails should be shown on the Preliminary Site Plan Exhibit, along the connection to 973 and along Blake Manor Road.
- 2. Cross-sections for proposed roadways should be shown as well as cross-sections for the proposed hike and bike trails.
- 3. Permitted uses in commercial sectors should be added to the PUD plan.
- 4. A note should be added to the Preliminary Site Plan stating that Duplexes SHALL NOT BE allowed in any portion of the Lagos PUD.
- 5. Village Clusters should be classified as R-3 not commercial. Village Clusters should be better defined.
- 6. More detail should be shown as to what is proposed for the open space/parkland/wildlife management preserve area. Proposed ponds should be shown on the plans.
- 7. The wildlife management function of the open space should be defined and information about who will manage it should be shown.
- 8. The future ROW reserve shown on Lot A-10 looks as if it is located at the edge of pavement. A shoulder that is at least 10' wide needs to be added and the future ROW should be adjusted accordingly.
- 9. The proposed alignment of the future Wildhorse Connector/Future FM 973 is not consistent with Manor's Master Roadway Plan.

Mr. Tom Bolt March 8, 2016 Page 2 of 2

- 10. A note should be added to the plan that states the development will be in accordance with the environmental assessment for the site.
- 11. Better defined constraints on uses, such as minimum commercial square footage, etc., should be added to the plan.

Please provide a written response narrative that identifies how each of the comments was addressed. Additional comments may be rendered based upon reviews of updated submittal information.

Please call if you have any questions or need additional information.

Sincerely,

Pauline M. Gray, P.E.

PMG/s

Copy: Robert J. Smith, P.E., Kimley-Horn and Associates

Scott Dunlop, City of Manor

Kimley»Horn

April 7, 2016 Jay Engineering Company, Inc. Attention: Pauline M. Gray, P.E. P.O.Box 1220 Leander, Texas 78646

RE: Master Plan Second Review for Lagos PUD City of Manor, Texas

To Whom It May Concern:

Please accept this Comment Response Letter for the above referenced project. This submittal is in response to the comments provided by Pauline M. Gray, P.E., letter dated on March 8, 2016. The original comments have also been included below for reference.

1. Hike and Bike Trails should be shown on the Preliminary Site Plan Exhibit, along the connection to 973 and along Blake Manor Road.

Response: The hike and bike trails (identified as shared use path on the plan to be consistent with Travis County's plans) are now shown on the Preliminary Site Plan exhibit along FM 973 and along Blake Manor Road. See note 20 for further description on responsibility of construction.

2. Cross-sections for proposed roadways should be shown as well as cross-sections for the proposed hike and bike trails.

Response: The Cross-sections for proposed roadways and the proposed hike and bike trails (shared use path) have been added to the plans.

3. Permitted uses in commercial sectors should be added to the PUD plan.

Response: Permitted uses have been added to the plan taken almost verbatim from the City of Manor Zoning Ordinance for C1 and C2 Zoning.

4. A note should be added to the Preliminary Site Plan stating that Duplexes SHALL NOT BE allowed in any portion of the Lagos PUD.

Response: Note #18 has been added to the plan stating no duplexes are allowed in this PUD.

5. Village Clusters should be classified as R-3 not commercial. Village Clusters should be better defined.

Kimley»Horn

Response: Village Clusters have been classified as R-3. See attached exhibit identifying a potential layout.

6. More detail should be shown as to what is proposed for the open space/parkland/wildlife management preserve area. Proposed ponds should be shown on the plans.

Response: The proposed grading of the pond is now shown on the plans. See Note #22 regarding the required amenities to the pond area.

7. The wildlife management function of the open space should be defined and information about who will manage it should be shown.

Response: Note #21 has been added to the plan in response to this comment.

8. The future ROW reserve shown on Lot A-10 looks as if it is located at the edge of pavement. A shoulder that is at least 10' wide needs to be added and the future ROW should be adjusted accordingly.

Response: The future ROW reserve has been expanded by 10' as requested and has been dimensioned accordingly.

9. The proposed alignment of the future Wildhorse Connector/Future FM 973 is not consistent with Manor's Master Roadway Plan.

Response: Per discussions with Tom Bolt and the attached letter, we understand that we have City support of the alignment. In addition, please find the potential connection to the Future TxDOT preferred alignment. We have reviewed TxDOT's requirements to determine the connections. Please note that the roadway section as shown for Wildhorse Connector/Future FM 973 is schematic and for illustrative purposes only.

10. A note should be added to the plan that states the development will be in accordance with the environmental assessment for the site.

Response: Note #19 has been added to the plan indicating the site will be in accordance with the environmental assessment for the site.

11. Better defined constraints on uses, such as minimum commercial square footage, etc., should be added to the plan.

Response: PUD Data Table 6 has been updated to show the requested constraints.

Kimley»Horn

Please contact me at 512-418-1771 if additional information is required.

Sincerely,

KIMLEY-HORN AND ASSOCIATES, INC.

ZZAJ.

Robert J. Smith, P.E.

Associate

JAY ENGINEER NO OMPANY, INC.

P.O. Box 1220
Leander, TX 78646

(512) 259-3882
Fax 259-8016

April 11, 2016

Mr. Tom Bolt Director of Development Services/City Manager City of Manor P.O. Box 387 Manor, TX 78653

Re:

Lagos PUD Preliminary Master Plan

Dear Mr. Bolt:

The submittal for Lagos PUD Preliminary Site Plan, as submitted by Kimley-Horn & Associates, Inc. on April 7, 2016, has been reviewed by our office. The review response letter states that the proposed connections are schematic and shown for illustrative purposes only. There are concerns regarding the proposed potential connections to the Future TxDOT preferred alignment of the future Wildhorse Connector/Future FM 973 that should be addressed.

- 1. The proposed intersections appear to be at non-right angles. Subdivision Ordinance 263B Section 42(b)(6) requires that street intersection be as nearly as right angles as practicable.
- 2. There are no curb radii labeled for the proposed intersections. It cannot be determined if the proposed radii meet minimum design requirements set forth in the Austin Transportation Criteria Manual Section 1.3.1(D)(3) which defines the minimum curb radii allowed at intersections.
- 3. The proposed connection near Phases III and V appears to be right lane in and out only. Section 49(e)(iii)(F) of Zoning Ordinance 185 requires the sufficient width and suitable grade and location of streets designed to accommodate prospective traffic and to provide access for firefighting and emergency equipment to buildings. The proposed connection needs to be checked for compatibility with plans for future TxDOT facilities for the area. Section 42(b)(2) of Subdivision Ordinance 263B states that adequate streets shall be provided and the arrangement, character, extent, width, grade, and location of each shall conform to the comprehensive plan of the City and professional urban planning and shall be considered in their relation to existing and planned streets, to topographical conditions, and to public safety and convenience. Right lane in and right lane out may not be appropriate for this area. The Traffic Impact Analysis should be. Further review and coordination with TxDOT is warranted.

The proposed Lagos PUD Preliminary Master Plan should be discussed by the Planning and Zoning Commission at their next meeting on April 13, 2016, but it is our recommendation that the Commission **not approve** the plan at this time. Further information should be provided in regards to the proposed connections to the Future TxDOT alignment of the Wildhorse Connector/Future FM 973.

Please call if you have any questions or need additional information.

Sincerely,

Pauline M. Gray, P.E.

PMG/s

Copy: Robert J. Smith, P.E., Kimley-Horn and Associates

Scott Dunlop, City of Manor



	3
AGENDA ITEM NO	D. °

AGENDA ITEM SUMMARY FORM
PROPOSED MEETING DATE: May 4, 2016
PREPARED BY: Lydia M. Collins
DEPARTMENT: Finance
AGENDA ITEM DESCRIPTION:
Consideration, discussion and possible action to set two (2) public hearing dates for the water and wastewater rate for the City of Manor residential and commercial customers.
BACKGROUND/SUMMARY:
BACKGROUND/SOMMAN.
PRESENTATION: □YES ■NO
ATTACHMENTS: □YES (IF YES, LIST IN ORDER TO BE PRESENTED) ■NO
STAFF RECOMMENDATION:
It is City staff's recommendation that the City Council approve public hearings on June 1, 2016 and June 15, 2015 to be conducted at 7:00 p.m., at 105 E Eggleston St Manor, TX 78653.
PLANNING & ZONING COMMISSION: □RECOMMENDED APPROVAL □DISAPPROVAL ■NONE



4	
AGENDA ITEM NO.	

AGENDA ITEM SUMMARY FORM
PROPOSED MEETING DATE: May 4, 2016
PREPARED BY: Scott Dunlop
DEPARTMENT: Development Services
AGENDA ITEM DESCRIPTION:
Consideration, discussion and possible action on license agreement between the City of Manor and Stonewater HOA for installation and maintenance of sod and irrigation in the City right-of-way.
BACKGROUND/SUMMARY:
The developer is seeking to put sod and an irrigation system in land that will be dedicated to the City after acceptance and this agreement assigns liability and maintenance of those improvements to the Stonewater HOA as they'll also be maintaining all the other landscaping the the dedicated landscape/amenity lots throughout the subdivision.
PRESENTATION: □YES ■NO ATTACHMENTS: ■YES (IF YES, LIST IN ORDER TO BE PRESENTED) □NO
License agreement
STAFF RECOMMENDATION:
It is City staff's recommendation that the City Council approve the license agreement between the City of Manor and Stonewater HOA for installation and maintenance of sod and irrigation in the City right-of-way.
PLANNING & ZONING COMMISSION: □RECOMMENDED APPROVAL □DISAPPROVAL ■NONE

CITY OF MANOR LICENSE AGREEMENT

The City of Manor, Texas a municipal corporation and political subdivision of the State of Texas situated in Travis County, Texas (the "City" or "Licensor"), and the SW Homeowners Association, Inc. ("Licensee") enter into this License Agreement ("Agreement") on this the 18th day of April, 2016, upon the terms and conditions set forth below.

I. PURPOSE OF LICENSE AGREEMENT. The City grants to Licensee permission to use the licensed property for the following purposes only:

Installation and maintenance of sod and irrigation located at the Stonewater Subdivision, as more particularly shown and described in Exhibit "A" attached hereto (the "Improvements").

The above-described property, hereinafter referred to as the "licensed property", is further shown in Exhibit "A" attached to this Agreement and incorporated by reference for all purposes.

The City makes this grant solely to the extent of its right, title and interest in the licensed property, without any express or implied warranties.

Licensee agrees that: (A) the construction of the Improvements permitted by this Agreement shall be done in compliance with all applicable City, County, State and/or Federal laws, ordinances, regulations and policies now existing or later adopted; (B) that all construction and installation of the Improvements will be completed in a timely manner without delay; (C) the Licensee will construct the Improvements according to plans filed with the City. Any changes in construction will be approved by the City. Any provision herein to the contrary notwithstanding, Licensee shall be liable for, and shall indemnify and hold the City harmless from all damages, causes of action, and claims arising out of or in connection with Licensee's installation, operation, maintenance or removal of the improvements permitted under this Agreement.

- **II. FEE.** No annual fee shall be due in connection with this Agreement.
- III. THE CITY'S RIGHTS TO LICENSED PROPERTY. This Agreement is expressly subject and subordinate to the present and future right of the City, its successors, assigns, lessees, grantees, and Licensees, to construct, install, establish, maintain, use, operate, and renew any public utilities facilities, franchised public utilities, rights-of-way, roadways, or streets on, beneath, or above the surface of the licensed property.

Said uses of the licensed property by the City are permitted even though such use may substantially interfere with or destroy Licensee's use of the licensed property, or the Improvements. In case of a declared emergency, damage to or destruction of Licensee's property shall be at no charge, cost, claim, or liability to the City, its agents, contractors, officers, or employees.

Notwithstanding any provisions in this Agreement to the contrary, the City retains the right to enter upon the licensed property, at any time and without notice, assuming no obligation to Licensee, to

remove any of the licensed improvements or alterations thereof whenever such removal is deemed necessary for: (a) exercising the City's rights or duties with respect to the licensed property; (b) protecting persons or property; or (c) the public health or safety with respect to the licensed property.

IV. INSURANCE. Licensee shall, at its sole expense, provide a commercial general liability insurance policy, written by a company acceptable to the City and licensed to do business in Texas, with a combined single limit of not less than \$600,000.00, which coverage may be provided in the form of a rider and/or endorsement to a previously existing insurance policy. Such insurance coverage shall include the City as an additional-insured. This insurance coverage shall cover all perils arising from the activities of Licensee, its officers, employees, agents, or contractors, relative to this Agreement, or otherwise within the public right-of-way and property within the licensed area. Licensee shall be responsible for any deductibles stated in the policy. A certificate of insurance evidencing such coverage shall be delivered to the Mayor of the City within thirty (30) days of the effective date of this Agreement.

Licensee shall not cause any insurance to be canceled nor permit any insurance to lapse, All insurance certificates shall include a clause to the effect that the policy shall not be canceled, reduced, restricted or otherwise limited until forty-five (45) days after the City has received written notice as evidenced by a return receipt of registered or certified mail.

V. INDEMNIFICATION. Licensee shall indemnify, defend, and hold harmless the City and its officers, agents and employees against all claims, suits, demands, judgments, expenses, including attorney's fees, or other liability for personal injury, death, or damage to any person or property which arises from or is in any manner caused by the Licensee's construction, maintenance or use of the licensed property. This indemnification provision, however shall not apply to any claims, suits, damage, costs, losses, or expenses arising solely from the negligent or willful acts of the City; provided that for the purposes of the foregoing, the City's act of entering into this Agreement shall not be deemed to be a "negligent or willful act."

VI. CONDITIONS.

- A. <u>Licensee's Responsibilities</u>. Licensee will be responsible for any damage to or repair of the Improvements. Further, Licensee shall reimburse the City for all costs of replacing or repairing any property of the City or of others which was damaged or destroyed as a result of activities under this Agreement by, or on behalf of, Licensee.
- B. <u>Maintenance</u>. Licensee shall maintain the licensed property and the Improvements by maintaining the Improvements in good condition and making any necessary repairs to the Improvements at its expense. Licensee shall be responsible for any costs associated with electrical usage as a result of the Improvements.
- C. <u>Modification or Removal of Improvements</u>. Licensee agrees that modification or removal of the Improvements shall be at Licensee's expense. Licensee shall obtain the proper permits prior to modification of the Improvements. Modification or removal shall be at Licensee's sole discretion, except where otherwise provided by this Agreement. This Agreement, until its

expiration or revocation shall run as a covenant with the land, and the terms and conditions of this Agreement shall be binding on the grantees, successors and assigns of Licensee. Licensee shall cause any immediate successors-in-interest to have actual notice of this agreement.

D. <u>Default</u>. In the event that Licensee fails to maintain the licensed property or otherwise comply with the terms or conditions as set forth herein, then the City shall give Licensee written notice thereof, by registered or certified mail, return receipt requested, to the address set forth below. Licensee shall have thirty (30) days from the date of receipt of such notice to take action to remedy the failure complained of, and, if Licensee does not satisfactorily remedy the same within the thirty (30) day period, the City may terminate this license.

Licensee Address

9601 Amberglen Boulevard, Suite 150 Austin, Texas 78729 Attention: Amber Reyes RealManage

with a copy to:

Thomas Anker, President 10700 Pecan Park Blvd. 4th Floor Austin, Texas 78750

Licensor Address

City of Manor PO Box 387 Manor, Texas 78653-0387 Attention: City Manager

McKamie Krueger & Knight 223 West Anderson Lane, Ste. A-105 Austin, Texas 78752

VII. COMMENCEMENT AND TERMINATION. This Agreement shall begin with the effective date and continue thereafter for so long as Licensee is constructing or maintaining the Improvements as set forth herein. If Licensee abandons construction or maintenance of all or any part of the Improvements or licensed property as set forth in this Agreement, then this Agreement, shall expire and terminate following thirty (30) days written notice to the Licensee if such abandonment has not been remedied by the Licensee within such period; the City shall thereafter have the same complete title to the licensed property so abandoned as though this Agreement had never been made and shall have the right to enter the licensed property and terminate the rights of Licensee, its successors and assigns hereunder. All installations of Licensee not removed shall be deemed property of the City as of the time abandoned.

VIII TERMINATION.

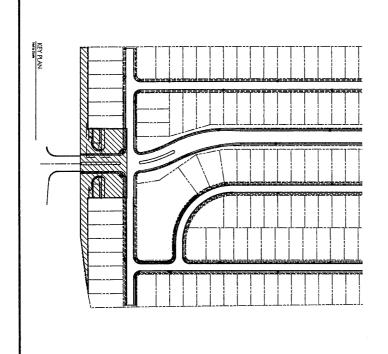
A. <u>Termination by Licensee</u>. This Agreement may be terminated by Licensee by delivering written notice of termination to the City not later than thirty (30) days before the effective date of termination. If Licensee so terminates, then it shall remove all installations, other than the Improvements, that it made from the licensed property within the thirty day notice period at its sole cost and expense. Failure to do so shall constitute a breach of this Agreement.

- B. <u>Termination by City</u>. Subject to prior written notification to Licensee or its successor-ininterest, this Agreement is revocable by the City if:
 - 1. The licensed improvements, or a portion of them, interfere with the City's right-of-way;
 - 2. Use of the right-of-way area becomes necessary for a public purpose;
 - 3. The licensed improvement, or a portion of them, constitute a danger to the public which the City deems not be remediable by alteration or maintenance of such improvements;
 - 4. Despite thirty (30) days written notice to Licensee, maintenance or alteration necessary to alleviate a danger to the public has not been made; or
 - 5. Licensee fails to comply with the terms and conditions of this Agreement including, but not limited to any insurance or license fee requirements specified herein.
- VIII EMINENT DOMAIN. If eminent domain is exerted on the licensed property by paramount authority, then the City will, to the extent permitted by law, cooperate with Licensee to effect the removal of Licensee's affected installations and improvements thereon, at Licensee's sole expense. Licensee shall be entitled to retain all monies paid by the condemning authority to Licensee for Licensees's installations taken, if any.
- **IX. INTERPRETATION.** Although drawn by the City, this Agreement shall, in the event of any dispute over its meaning or application, be interpreted fairly and reasonably, and neither more strongly for or against either party.
- X. APPLICATION OF LAW. This Agreement shall be governed by the laws of the State of Texas. If the final judgment of a court of competent jurisdiction invalidates any part of this Agreement, then the remaining parts shall be enforced, to the extent possible, consistent with the intent of the parties as evidenced by this Agreement.
- XI. VENUE. Venue for all lawsuits concerning this Agreement will be in the Travis County, Texas.
- XII. COVENANT RUNNING WITH LAND; WAIVER OF DEFAULT. This Agreement and all of the covenants herein shall run with the land; therefore, the conditions set forth herein shall inure to and bind each party's successors and assigns. Either party may waive any default of the other at any time, without affecting or impairing any right arising from any subsequent or other default.

XIII. ASSIGNMENT. Licensee shall not assign, sublet or transfer its interest in this Agreement without the written consent of the City, which consent shall not be unreasonably withheld. Subject to the assignee's compliance with the insurance requirements set forth herein, if any, Licensee shall furnish to the City a copy of any such assignment or transfer of any of Licensee's rights in this Agreement, including the name, address, and contact person of the assignee, along with the date of assignment or transfer.

ACCEPTED, this the 20th day of April, 2016.

LICENSEE: SW HOMEOWNERS ASSOCIATION, INC.	LICENSOR: CITY OF MANOR, TEXAS
By: Yumus VIII Name: Tom Anker Title: HOA President	By:Name: Thomas Bolt Title: City Manager
THE STATE OF TEXAS § \$ COUNTY OF TRAVIS §	
This instrument was acknowledged before me on the Steve Shanks, City Manager, Manor, Texas, on behavior	
	Notary Public - State of Texas
THE STATE OF TEXAS § COUNTY OF TRAVIS §	
This instrument was acknowledged before me on the tom Ankler, the Arcsid	
STACY M. LAINE Notary Public, State of Texas Comm. Expires 05-29-2019 Notary ID 12612836-8	Stary M. Lame Notary Public, State of Texas



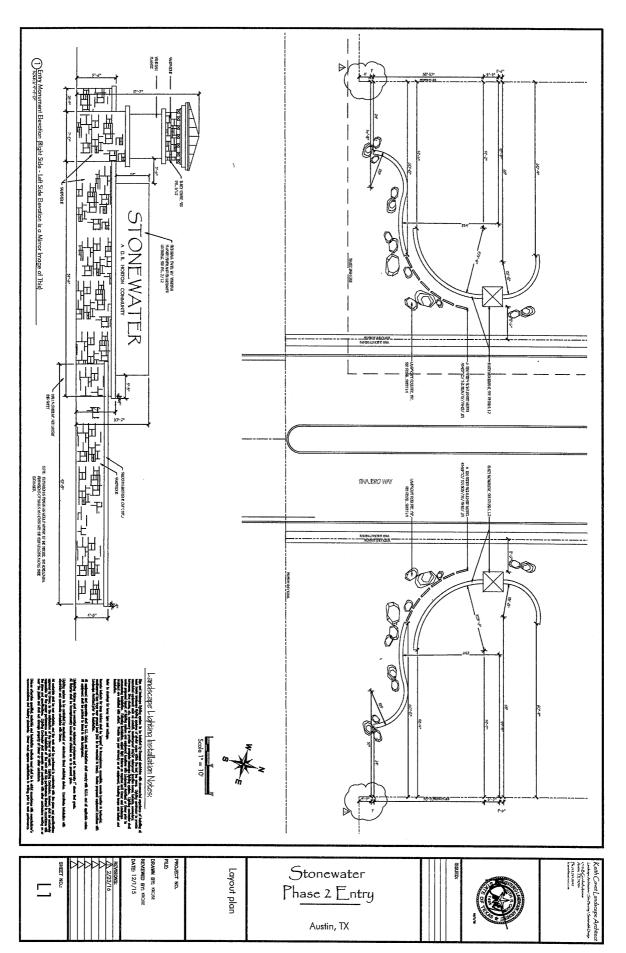
Stonewater

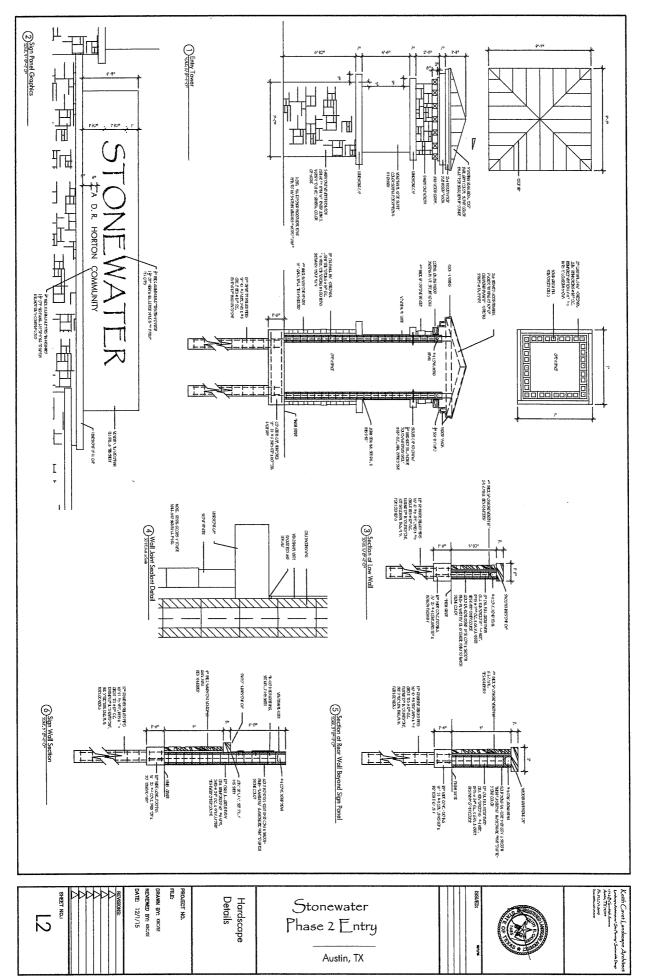
SHEET INDEX

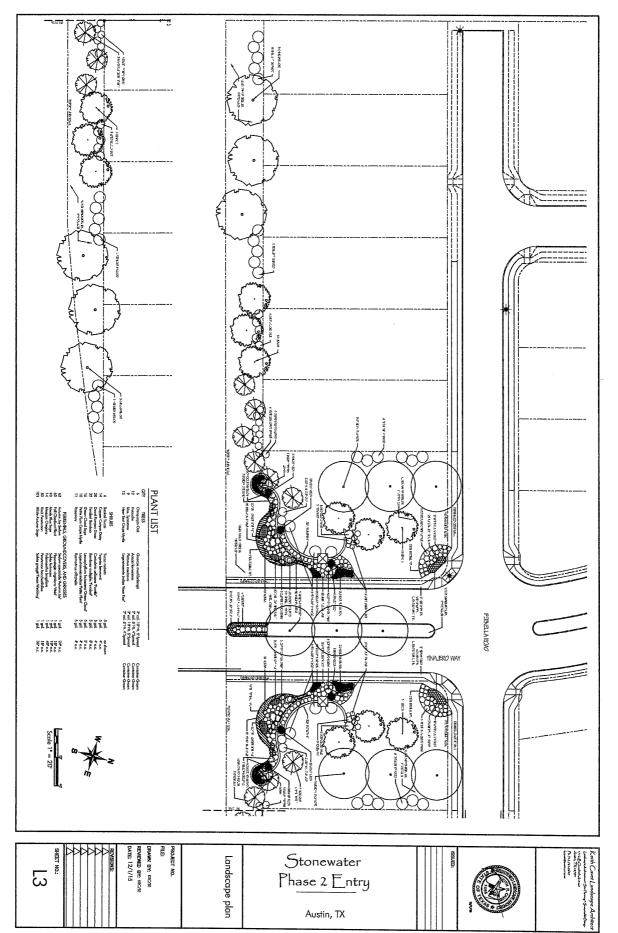
L0: Cover
L1: Layout
L2: Hardscape Details
L3: Planting Plan
L4: Planting Notes & Details
I1: Landscape Irrigation Plan
I2: Landscape Irrigation Details

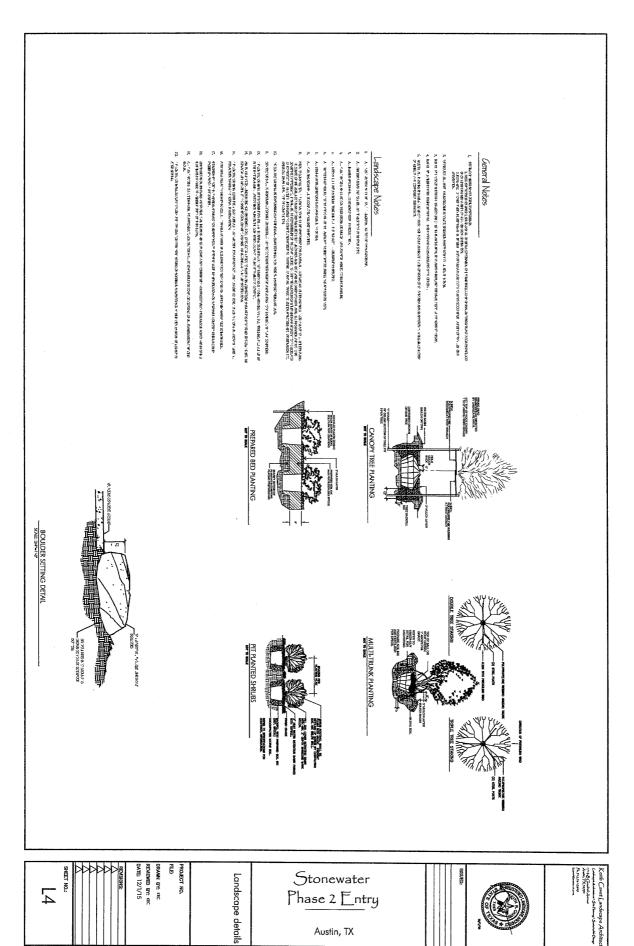
Phase 2 Entry

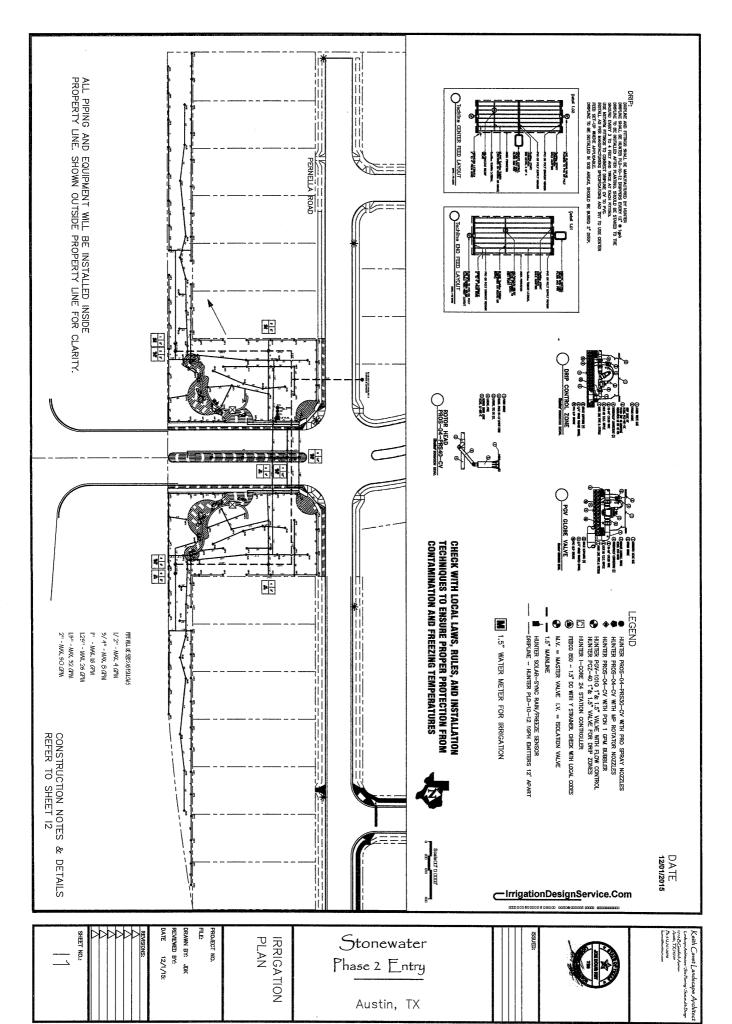
DRAWN BY: KRC/SE
REVIEWED BY: KRC/SE
DATE: 12/1/15 Stonewater 2/23/16-See Sheet L 0 Phase 2 Entry Austin, TX











IRRIGATION CONTRACTOR SHALL PROVIDE A COMPLETE, FUNCTIONING AUTOMATIC IRRIGATION SYSTEM. THIS INCLUDES ALL MATERIALS, LABOR, FEES, TAXES, EQUIPMENT, AND OTHER COSTS INCIDENTAL TO ACCOMPLISHING THE END. CONSTRUCTION NOTES:

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LEIS AND VALVES FOR OPTIMUM COVERAGE. NO

ALL HEADS TO BE INSTALLED ON SAWING CONTR. AREAS LESS THANK WYNEESHALL EE WILTERDE DYDNE BRIGATION. BUBBLEER AS PERCEPTION OF ANY TO BE RESTALLED FOR BUYNETHE. THEER WILL EE ON SEPANATE CRECKTIS. BE SUFIE AND KEEP UP TO DATE WITH STATE OF TEAS AND CITY OF AUSTIN LANDSCAPE IRRIGATION OFDINANCES. IGRICHO COMPRICTORI SHULL PROVIDEN TE CHAMBA WITH AN I RIBICATION AS BULLIT EM, SENVINGE SACTI COXTIONS, ES, AND DIACKES GO EXEMPRICATION TRATULES PROVIDEN TO TEMAL INSECULORI REPOLATION CONTRIBUTION ES OF PACIDIES IN SPAN'HEUXE, S-POTORI HEUSE AND ASSOCIATED HTTINGS HAD PEWE GEP LISE CON REPOLATION CONFESS AS DIBECTIED THE THELD BEY OWNETS REPORTINGE REPOLATION CONTRICTOR SHALL GREWANTEE ALL REPOLATION MOTIK CON A TOD OF HOT LESS THAN ONE "FEM".

CHECK WITH LOCAL LAWS, RULES, AND INSTALLATION **CONTAMINATION AND FREEZING TEMPERATURES** TECHNIQUES TO ENSURE PROPER PROTECTION FROM

> DRIP:
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> THE SHARE AND ITTHOSE SHALL BE MANUFACHED BY HANTER DEPARTS HER EMBADE AND THE DEPARTS HOW THE BEST AND THE THE DEPARTS HOW THE BEST AND THE THE SHARE HER DRIP HER SHARE HE SHARE HER DRIP HE DRIP HER DRIP HE DRIP HER DRIP HE DRIP HER DRIP HER DRIP HE DRIP HE DRIP HER DRIP HE DRIP HE DRIP Detail 1.02 D Mario. Color and Color Detail 1.01 THE PARTY AND ADDRESS OF THE PARTY AND ADDRESS Mary Mary **建筑**

APPENDIX O: LANDSCAPE/IRRIGATION NOTES

ITE DEVELOPMENT PERMIT - IRRIGATION NOTES valuesatic inigation systems shall comply with the following re-nat of the landscape impection:

read and multi-family irriguien system must be designed and installed so that: read overspray onto non-irriguied areas;

ystem does not include spray irrigesion on areas less than six (6) feet wide (nuch as medium, baffer e-graved irrigation crabulon devices are set back at least six (6) inches from impervious surfaces;

ie in-head check valves are adjecent to paved ures where cleration differences may cause low head drainage,

tion derive (such as surse; rator, or drip emitter) does not exceed the memberture's recommended opening pressure; sad the irrigation system deriates from the memberture's recommended use of the product. aficully after not more than a one-half inch (1/2") rainfall;

PROS-04-PRS40-CV

s has a City-approved weather based controller, aut-off device shuts off the imigation system autos

The actions people gives empty or early pricials had must not execut its make of these of the had man attachment of the myther had profitedly remarked to price price price in the size of the wide of the CDy of the time of that framing imposion is preferred. The wide of the black of the wide of

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DRIP CONTROL ZONE

DRIP CONTROL ZONE

DRIP CONTROL ZONE O man or set as set as

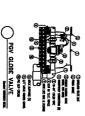
1.5" - MAX, 52 OPM 2" - MAX, 50 OPM

1,25" - MAX, 26 CPM

5/4" - MAX, E OPM |" - MAX, 16 OPM

1/2" - MAX, 4 CPM RECEIPING AND LETT

作 過間間 名び 5シェ THE SEED AS FOLLOW



DATE REVIEWED BY: DRAWN BY: JDK

12/1/15:

ROJECT NO.

DETAILS IRRIGATION

CONSTRUCTION NOTES & DETAILS

SHEET NO.:

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LEGEND

HUNTER PROS-04-PRESTO-CV WITH PRO SPRAY NOZZLES HUNTER PROS-04-CV WITH MP ROTATOR NOZZLES HUNTER PROS-04-CV WITH POX 1 GPM BUBBLER HUNTER PROS-04-CV WITH POX 1 GPM BUBBLER POX-1010 1"& 1.5" VALVE WITH FLOW CONTROL HUNTER PCZ-40 1"& 1.5" VALVE FOR DRIP ZONES

FEBCO 850 - 1.5" DC WITH Y STRAINER. CHECK WITH LOCAL CODES HUNTER 1-CORE 24 STATION CONTROLLER

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M.V. = MASTER VALVE I.V. = ISOLATION VALVE

1.5" MAINLINE •

-Uniter Solar-Sync Rain/Freeze Sensor -Dripline — Hunter PLD-10-12 1GPH Emitters 12' Apart

1.5" WATER METER FOR IRRIGATION

IrrigationDesignService.Com

DATE 12/01/2015

1712-B Gooded Amen Austr, TX78704 Fts 5127610040 kometitusetarrosse

Keith Cavet Landscape Architect

Exhibit

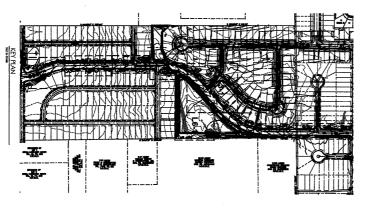
Stonewater

Austin, TX

Phase 2 Entry

Stonewater

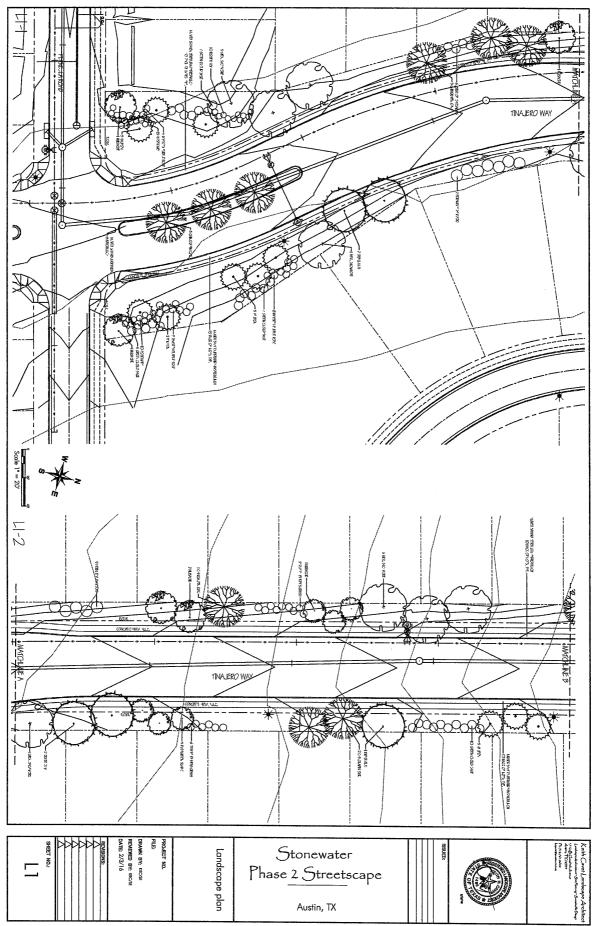
Phase 2 Streetscape

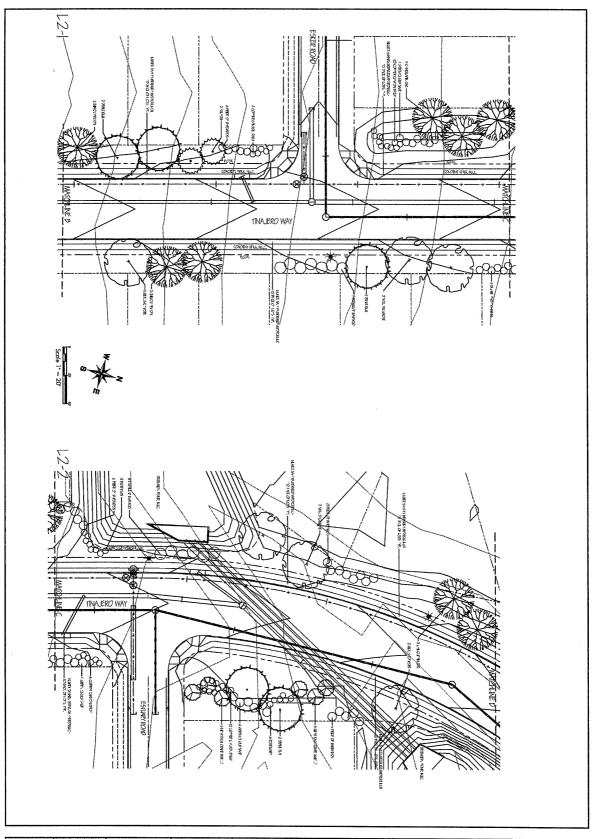


SHEET INDEX

- L0: Cover
 L1: Landscape Plan
 L2: Landscape Plan
 L3: Landscape Plan
 L4: Landscape Plan
 L5: Landscape Plan
 L6: Pond Landscape Plan
 L7: Landscape Details
 L1: Irrigation Plan
 L2: Irrigation Plan
 L3: Irrigation Plan
 L3: Irrigation Plan
 L4: Irrigation Plan

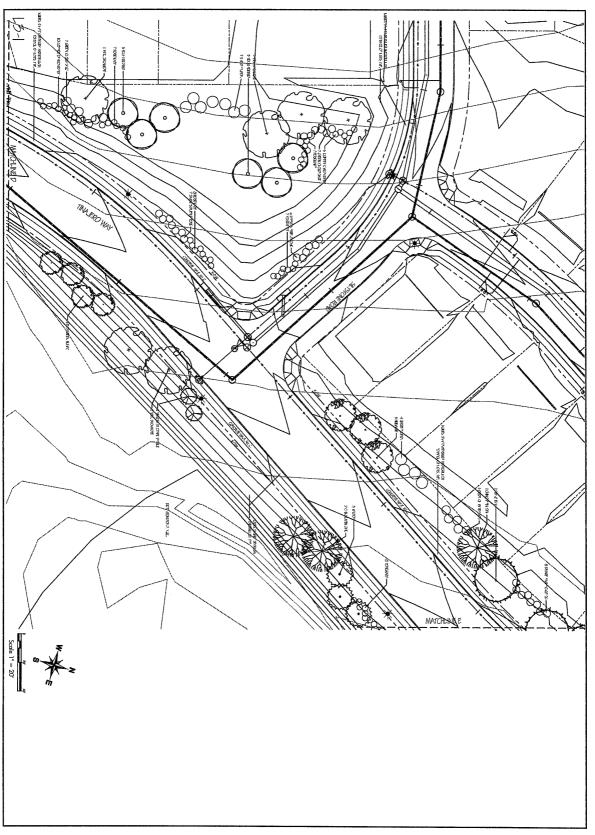
DRAWN BY: KRCSE
REVIEWED BY: KRCSE
DATE: 2/3/16 PROJECT NO. Stonewater Cover 0 Phase 2 Streetscape Austin, TX



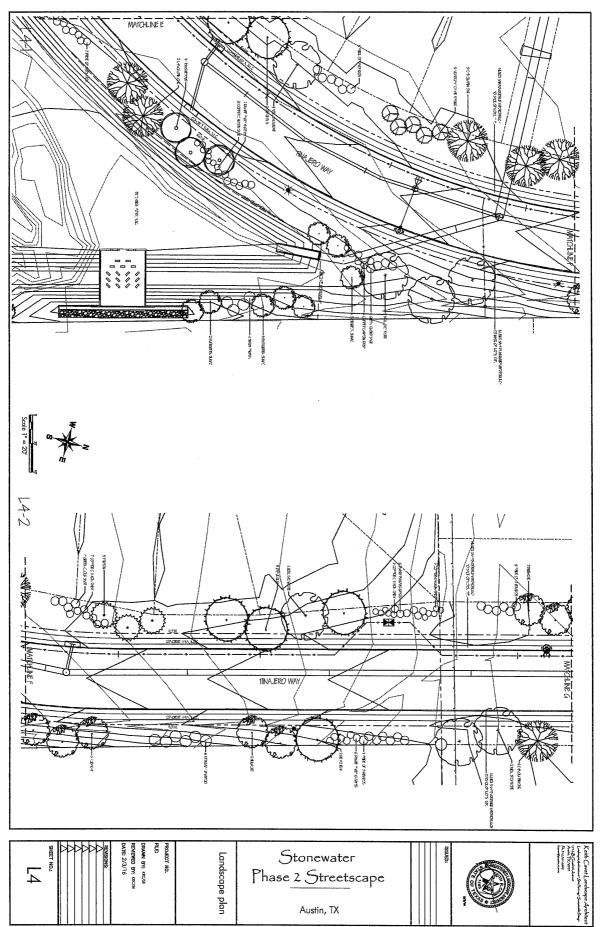


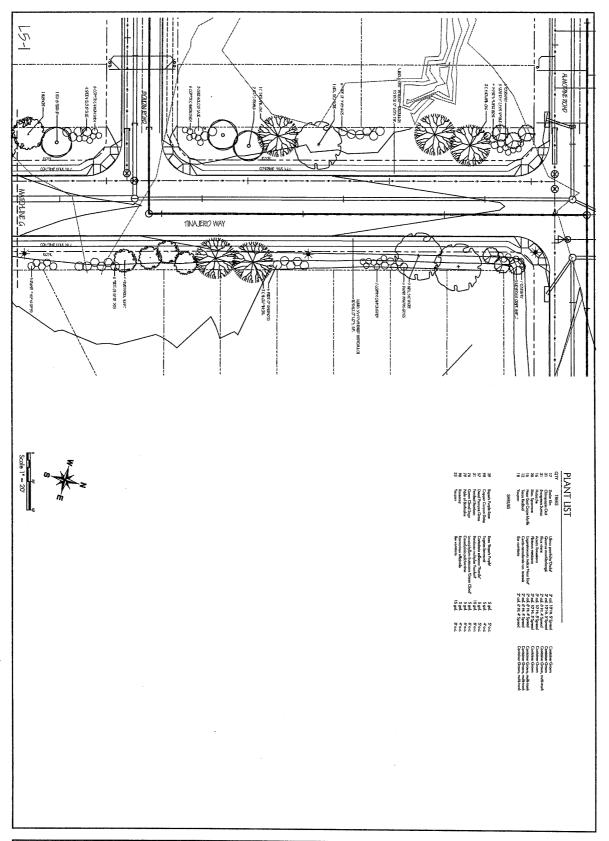
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Exhibit AY

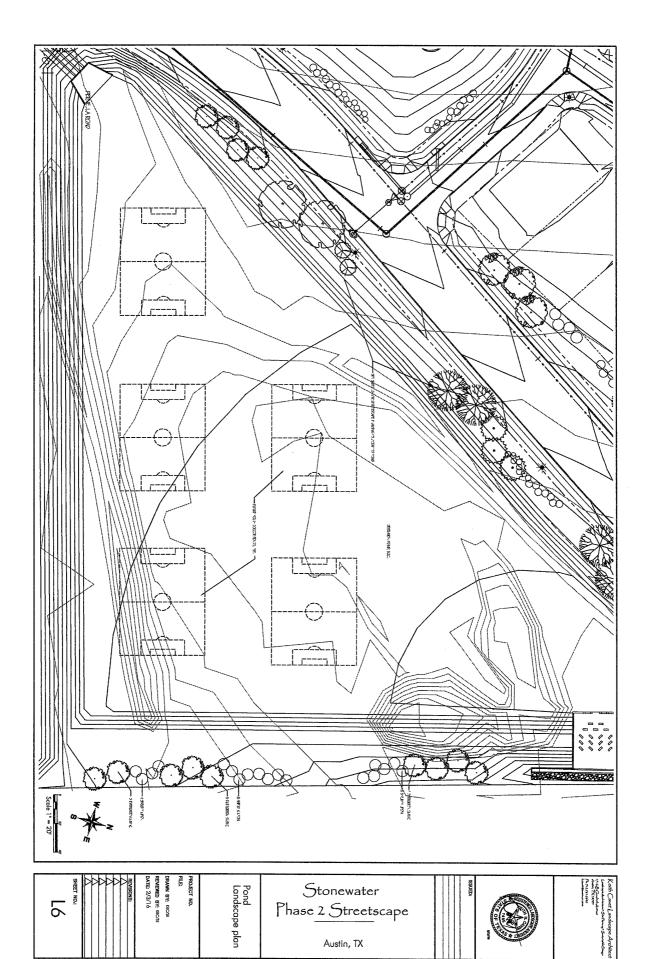


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General Notes

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andscape Notes

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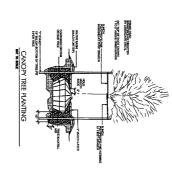
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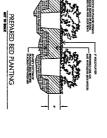
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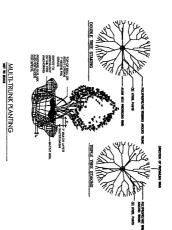






PIT PLANTED SHRUBS

Landscape details

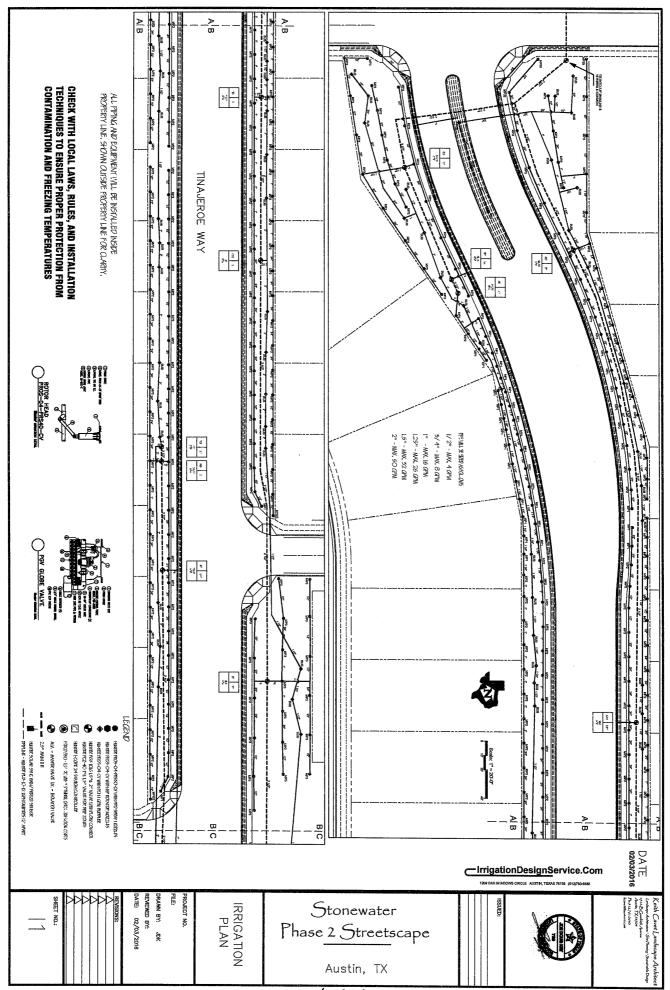


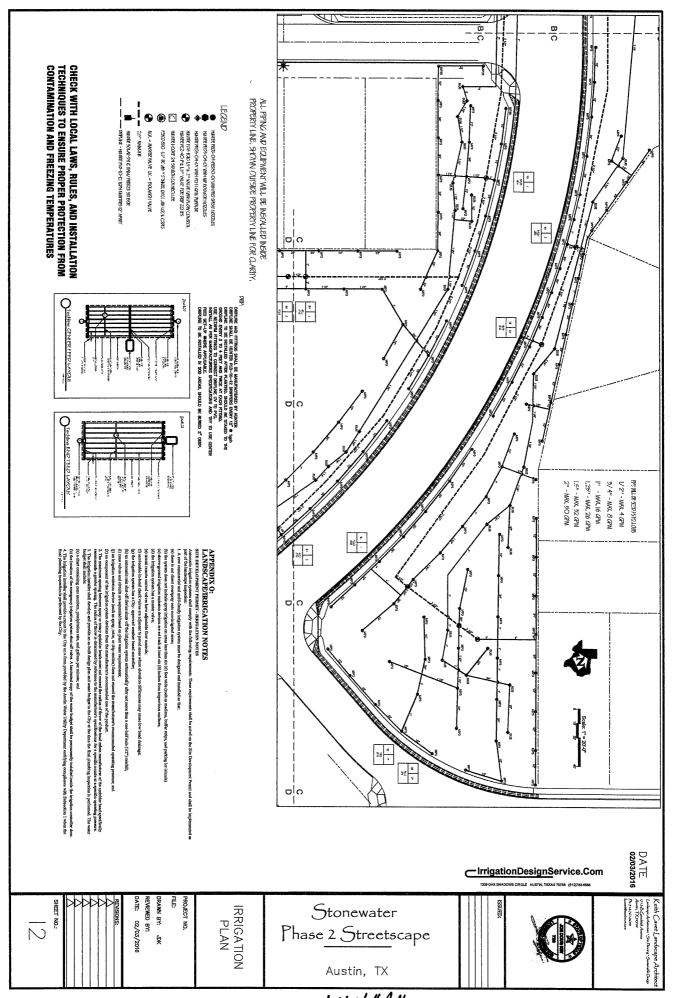
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REVIEWED BY: KRC
DATE: 2/3/16 PROJECT NO. SHEET NO.:

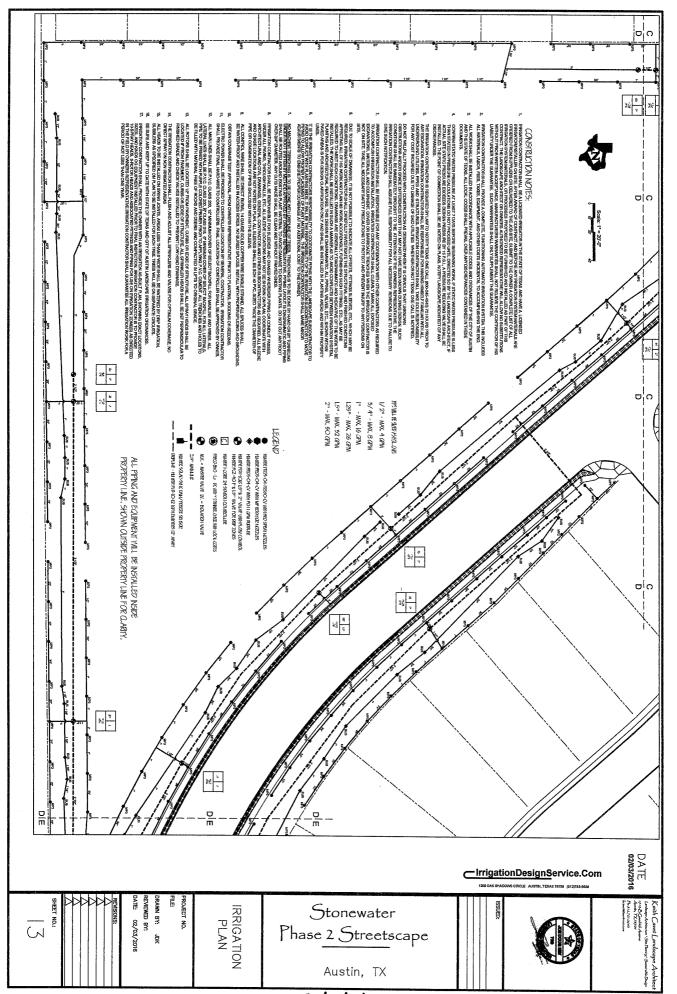
Stonewater Phase 2 Streetscape

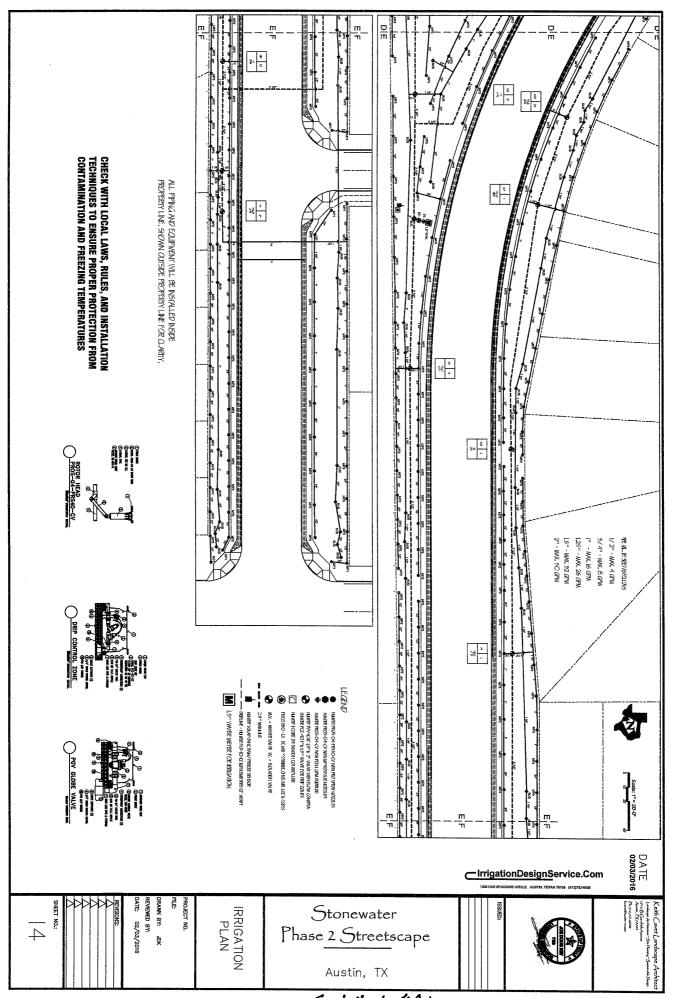
Austin, TX

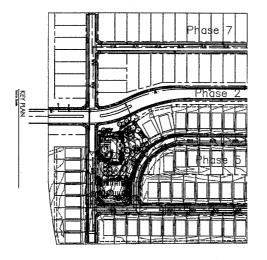












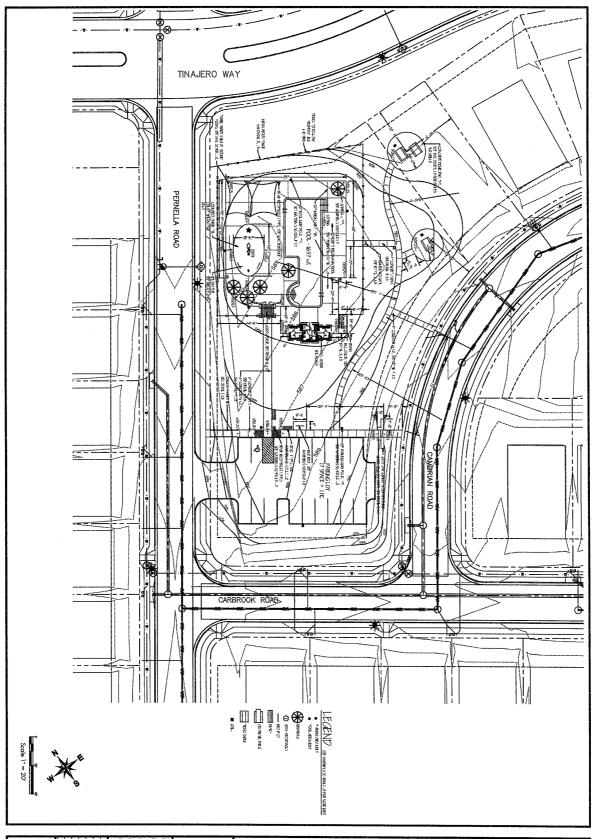
Stonewater

Phase 5 Amenity Center

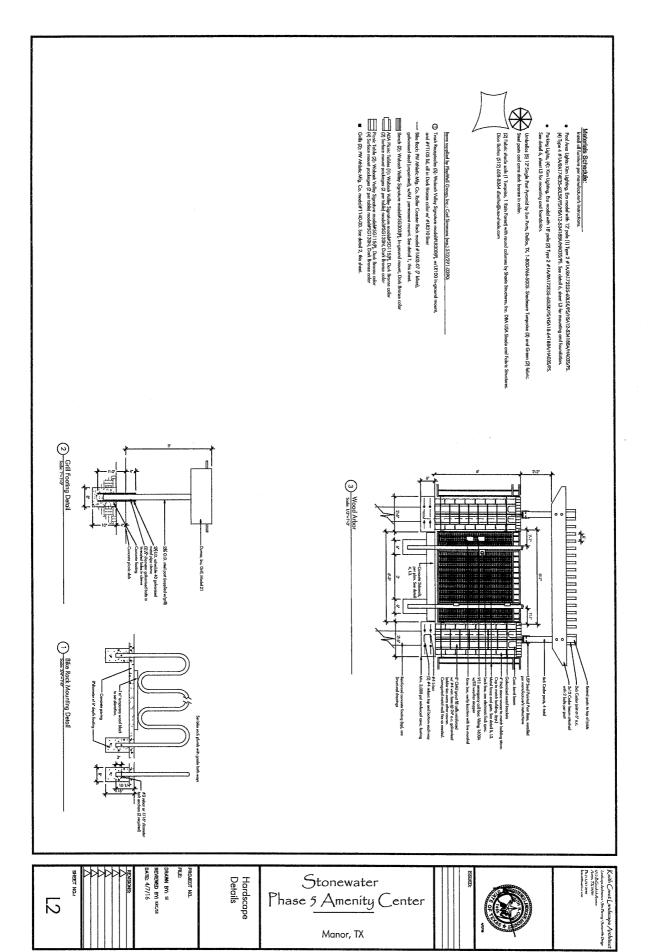
SHEET INDEX

LO: Cover
L1: Grading & Layout
L2: Hardscape Details
L3: Hardscape Details
L4: Planting Plan
L5: Planting Details & Notes
I1: Irrigation Plan
I2: Irrigation Plan

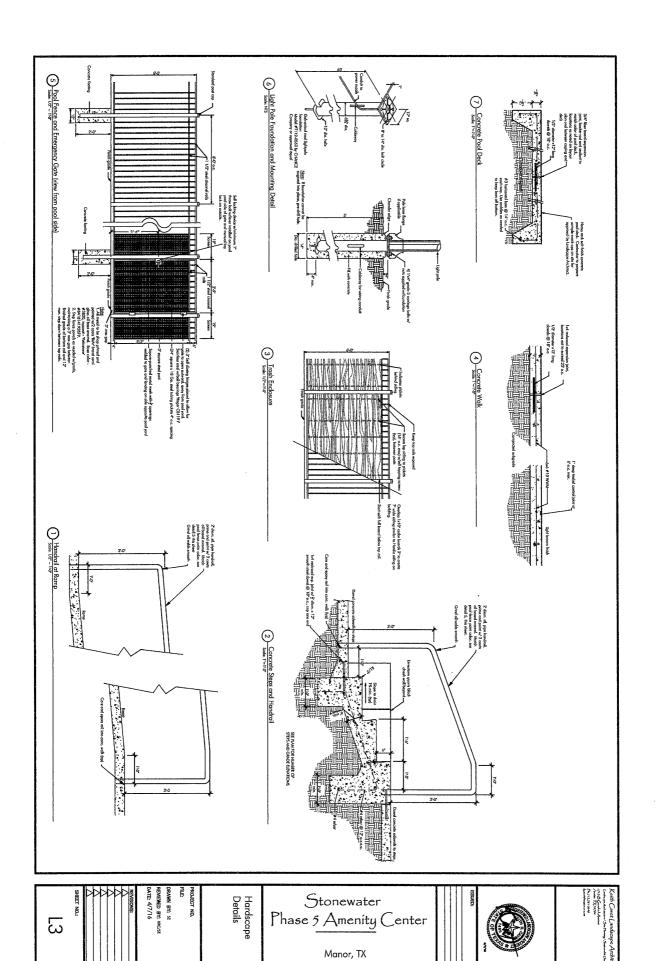
DRAWN BY: SE
REVIEWED BY: KRC/SE
DATE: 4/7/16 Stonewater Cover Phase 5 Amenity Center 0 Manor, TX

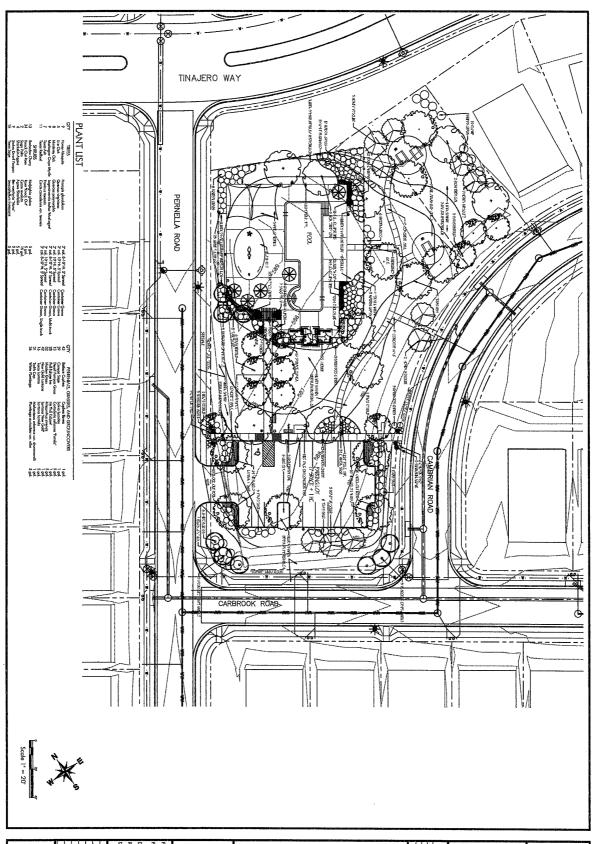


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RRIGATION NOTES

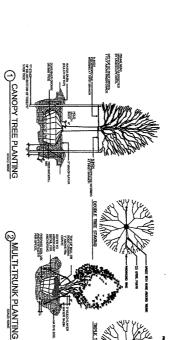
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has a weather based controller; rui-off device that off the irrigation system automatically after not more than a fall;

s infgation habiller shall develop and provide an as-built design plan and water budget to the Owner at the he final phending suspection is performed. The water budget shall include: at containing some numbers, precipitation rate, and godlans per minute; and catrion of the emergency intigation system sturted value. A laminated copy of the webst budget steal narranty installed inside the intigation controller door.

LANDSCAPE NOTES ALL LANDSCAPED AREAS ARE TO RECEIVE A MINUMULA OF 2" OF TOPSOIL.

- ALL RAWIT MATERIAL SHALL BE CONTAINER GROWN OR BALLED AND BUR LAPRED AS INDICATED IN THE FLART UST: ILL FAMT MATERIAL SHALL BE HEALTHY, VIGOROUS, AND FREE OF PESTS AND DISEASE.
- ALL TREES SHALL HAVE A STRAIGHT TIXJAK AND FULL HEAD AND MEET ALL REQUIRBAENTS SPECIFIED.
- ALL TREES MUST BE GUYED OR STAKED AS SHOWN IN THE DETAILS. IL MATERIALS ARE SUBJECT TO THE APPROVAL OF THE VANDSCAPE ARCHITECT REFORE, DURING, ND AFTER INSTALLATION.
- THE CONTRACTOR SHALL BE REPONSIBLE FOR YERIPING ALL QUANTITIES SHOWN ON THESE PLANS BEFORE PRICING THE WORK. MERCH DOMERTICHE, HE CONNECTE SAME HE HENNESHE FOR LOCATION ALL MACKETS AND MERCHAND AND MERCHAN
- CONTRACTOR SHALL BE RESPONSIBLE FOR DELVEN'S SCHEDULE AND PROTECTION BETWEEN DELVERY AND PLANTING. TO MANTAIN HEALTHY PLANT CONDITIONS.
- THE CONTRACTION SHALL COMPLETEL GLAWANTE ALL PLANT MATERIAL FOR A FREIDO NOT ESS THAN ONE (1) YEAR. THE CONTRACTION SHALL PROMPTLY MAKE ALL REPLACEMENTS DURING THE NOWARL PLANTING SENGON. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLUT MANTANING INCLUDING BUT NOT HUPED TO MINITERING. SPRINGA, AULCINED, FEBRUANG, FEITLING, FEBRUANG, AULCINED, FOR HEITLING, FEITLING, FEBRUANG, AULCINED, FOR HEITLING, FEBRUANG, AULCINED, FOR HEITLING, FEBRUANG, FOR UNITE, SUBSTANTINL COMPLETION OR AS OTHERWISE DETENANCE OF CONTRACT. natiantem amoci e descel detecsed dom or elected bada to substanta. Letioni sam er rometti esilcade broat tie etia and eralcen antia maiterace. Species, Clamitty, and size and meetiag all plant ist specifications.
- AFTER BEING DUG AT THE HURSERY SOURCE, AU TREES IN LEAF SHALL BE ACCLEMATED FOR TWO [7] WEEKS UNDER A MIST SYSTEM PRICE TO INSTAULATION.
- WHEE SHOWN ON THE PLANS AND DEFIAS, PLANING BEDS ARE TO BE COMPLETELY CONFIDENCE OF WHITH A HARDWOOD MUCH FROM A LOCAL SOLDER HAVESTED AN ASSISTMENTER HAVINER, OF COLORADO BYER SOCK AT 17-5" DIMMETER, MARCH TO A MINIMUM DEPTH OF THREE MOTIES. MIDDS SET FORTH IN "MARBICAN STANDARD FOR NURSERY STOCK" BEPRESENT GUIDELINE ICATIONS ONLY AND SHALL CONSTITUTE WARRIZAA GUINLTY REGULTEDASNTS FOR PLANT ML
- ALL PLANT MATERIAL QUANTITIES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE COVERAGE OF ALL PLANTING BEDS AT SPACING SHOWN.
- THE CONTRACTOR IS ENCOURAGED TO COMPLETE TEMPORARY OR PERMANENT SEEDING OR SOUDDING IN STAGES FOR SOIL STABILIZATION AS AREAS ARE COMPLETED AFTER CRADING.



(3) PREPARED BED PLANTING (4) PIT SHRUB PLANTING

Stonewater Phase 5 Amenity Center

Manor, TX

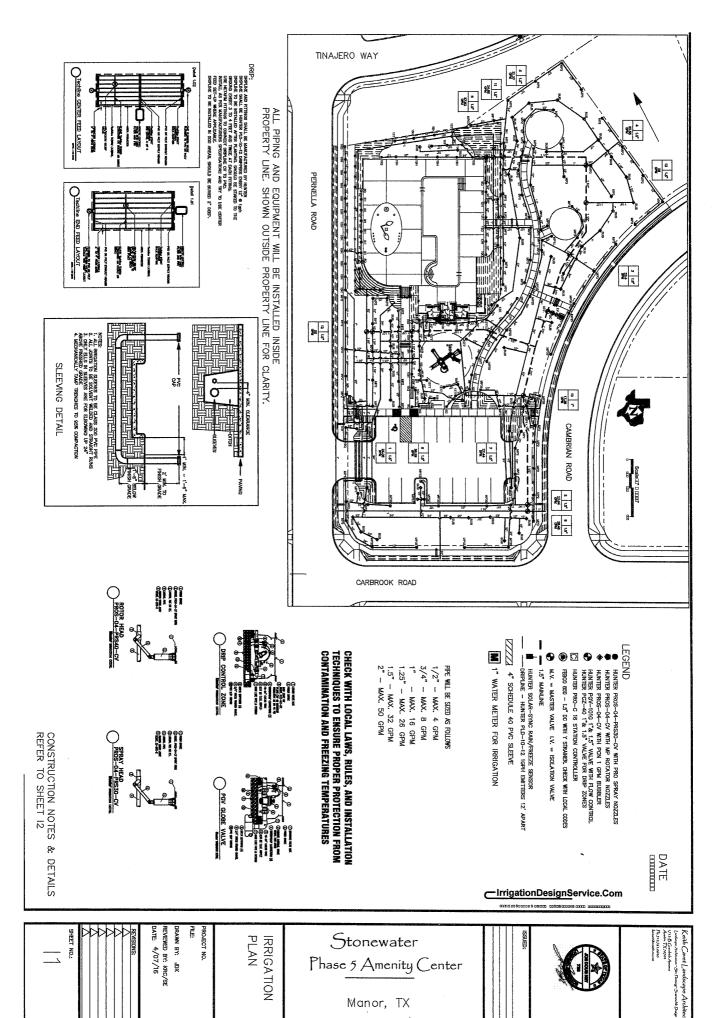


Exhibit "A"

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DRAWN BY: SE
REVIEWED BY: KRC/SE
DATE: 4/7/16

Planting Details & Notes



CONSTRUCTION NOTES:

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PIPE WILL BE SIZED AS FOLLOW

EGEND

HUNTER PROS-04-PRS30-07 WITH PRO SPRAY NOZZLES

→ HUNTER PROS-04-07 WITH PON 1 GPM BUBBLER

→ HUNTER PROS-04-07 WITH PON 1 GPM BUBBLER

→ HUNTER PROS-1016 1°% 1.5° VALUE WITH FLOW CONTROL

→ HUNTER PROS-1016 1°% 1.5° VALUE WITH FLOW CONTROL

→ HUNTER PROS-04-07 WITH PON 1 GPM BUBBLER

RRIGATION CONTRACTOR SHALL PROVIDE A COMPLETE, FUNCTIONING AUTOMATIC RRIGATION SYSTEM. THIS INCLUDES RAIDENTAL TO ACCOMPLISHING THE BIOD. WORK SHALL BE INSTALLED IN ACCORDANCE WITH APPLICABLE CODES AND OFDIMANCES OF THE CITY OF AUSTIN THE STATE OF TEXAS, ALL LOCAL CODES SHALL PREVAL OVER ANY DISCREPANCIES CONTAINED IN THESE SANENTS.

MARTATO WATER PRESSURE AT LEAST 7 TAMS BEFORE BEGNANKS WORK, ESTATIO WATER PRESSURE SLESS.
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CONTROL WIPE SHALL BE DIRECT BURIAL 14 GAUGE SOLID COPPEN WIPE SINGLE STRAND. ALL SPLICES SHALL WITER-PROOF AND INSTALLED IN ACCESS BOXES, NO BURIED SPLICES, INSTALL WITH PROPER SPLICING AND GROUNDING

THIC POWER SHALL BE PROVIDED TO CONTROLLER LOCATION BY GENERAL CONTRACTOR. IRRIGATION CONTRACTOR IL PROVIDE FINAL HARD-WIRE TO CONTROLLERS, FINAL LOCATION OF CONTROLLER SHALL BE APPROVED BY CYMER. JNESS SHALL BE PAUG. CLASS 200, 12" MANIMAM CONETO OF SELECT BACGETLE FOR MANIME, AND WRESS, ALL KRASS SHALL BE PAUG. CLASS 2004, 2"C LASS 318, 6" MANIMAM CONETO OF SELECT BACGETLE FOR ALL LATERALLS. THE SHALL SHALL BE PAUG. CLASS 70.1" THE GROCKES AND HOLES TO KRASS SHALL BEE PAUG. CLASS 2004, 2" CLASS 2004, 2" CLASS 2004, 2" CREATED IN LET'S TO ORGANAL GRADE.

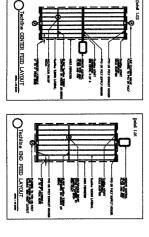
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ED ON SWING JONTS, AREAS LESS THAM IF WIDE SHALL BE WATERED BY DRIP FRRIGATION, IN PLAN TO BE INSTALLED FOR EACH TREE. TREES WILL BE ON SEPARATE CRICUTS, ONTE WITH STATE OF TEXAS AND CITY OF ALSTIN LANDSCAPE BRIGATION OPDIMANCES.

DESPET OF SERVICE RATE OF SERVICE OF SERVICE

PAVING

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NOTES.

1. ALL IRRIGATION SLEPKES TO BE CLASS 200 PVC PIPE
1. ALL IRRIGATION SLEPKES ARE THOSE BLEDWING UP 24'
A MECHANICALLY TAMP TRENCHES TO BEX COMPACTION
A MECHANICALLY TAMP TRENCHES TO BEX COMPACTION

TRENCHES TO 85% COMPACTION

SLEEVING DETAIL

1" — MAX. 16 GPM 1.25" — MAX. 26 GPM 1.5" — MAX. 32 GPM 2" — MAX. 50 GPM 3/4" - MAX. 8 GPM 1/2" - MAX. 4 GPM

ZZZZZ 4" SCHEDULE 40 PVC SLEEVE

HUNTER SOLAR-SYNC RAIN/FREEZE SENSOR -DRIPLINE ~ HUNTER PLD-10-12 1GPH EMITTERS 12' APART

1.5" MAINLINE

FEBCO 850 - 1.5" DC WITH Y STRAINER. CHECK WITH LOCAL CODES HUNTER PRO-C 16 STATION CONTROLLER M.V. = MASTER VALVE I.V. = ISOLATION VALVE

1" WATER METER FOR IRRIGATION

APPENDIX O: LANDSCAPE/IRRIGATION NOTES

SITE DEVELOPMENT PERMIT - IRRIGATION NOTES Automatic intgeston systems aball comply with the following request of the landscape inspection:

ctal and multi-family imigation system must be designed and installed so that: red overspray onto non-imigated areas;

n auez orechyty ann mentagene news. n doen nei heider prop vilgelon on seen blan sk (6) feet wide (meda a median, buffer stipa, and praking lei idansk) uurd irigulisa emission devices en set buck si least tak (6) indhe from impervious mufacus;

nically after not more than a one-half inch (1/2") minfall;

manum pedi hima grej oʻrday pidakt pahamat arasal kanlin diray oʻtbak ildan susaksar oʻtba pidakt siyaslady maha ipase pedi. Tha diray oʻrdan ildan yirdan oʻtba samatar yadidadi sa ta pidasasta saysta gasta gasta jamat Kilgasa hakat shal doolga od porda makali dalqa ka not vari talgi ta ba CV, a ta tim ta Sia famikig impotim kapitonad Ta war

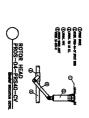
det excellent som mitten, profesions aft, and glicas ye mainte, set i a textica of the energiest righted perm hashed fish, A hamisted opy of a sweet telegra shall be permanely tradited inche to trigetion controller door to singulate mixture and provide report to GOV on a form provided by the Austi. Water Dillay Department entitlying compliance with Schoosina 1 when the planticing properties in periodical by the GOV.

DRIP CONTROL ZONE
 DRIP CONTROL ZONE
 DRIP CONTROL CONE

ALL PIPING AND EQUIPMENT WILL BE INSTALLED INSIDE PROPERTY LINE. SHOWN OUTSIDE PROPERTY LINE FOR CLARITY.

PGV GLOBE VALVE

TECHNIQUES TO ENSURE PROPER PROTECTION FROM CONTAMINATION AND FREEZING TEMPERATURES CHECK WITH LOCAL LAWS, RULES, AND INSTALLATION





REVIEWED BY: KRC/SE DATE: 4/07/16

)RAWN BY: JDK

PROJECT NO.

DETAILS RRIGATION

PROS-04-PRS30-CV

CONSTRUCTION NOTES & DETAILS

SHEET NO.:

Stonewater Phase 5 Amenity Center



IrrigationDesignService.Com

DATE

Keith Cavet Landscape Archite

Manor, TX



	5
AGENDA ITEM	NO.

AGENDA ITEM SUMMARY FORM
PROPOSED MEETING DATE: May 4, 2016
PREPARED BY: Scott Dunlop
DEPARTMENT: Development Services
AGENDA ITEM DESCRIPTION:
Consideration, discussion and possible action on a waiver from Ordinance 263B Article III Section 42(b)(12)(iv) allowing for 29 foot wide streets in Stonewater sections 2, 5, and 7.
BACKGROUND/SUMMARY:
Stonewater section 2, 5, and 7 currently under construction were not part of the development agreement that allowed for narrower roadways but they are being constructed that way, as 29' wide. Rather than tear up the work they've done at a high cost and time they are asking for waiver to keep the streets as they are and increase the street widths of the future Stonewater North that is part of the development agreement allowing narrower roadways. By increasing the street widths in Stonewater North more houses will be served by larger roads. 308 homes in Stonewater North verse 220 homes in Stonewater 2,5,7 - 88 more houses on larger roadways. The main road into the Stonewater off 973 is being built to city standard of 42 feet wide and is not included in this waiver.
PRESENTATION: □YES ■NO
ATTACHMENTS: ■YES (IF YES, LIST IN ORDER TO BE PRESENTED) □NO
Waiver
STAFF RECOMMENDATION:
It is City staff's recommendation that the City Council approve the waiver from Ordinance 263B Article III Section 42(b)(12)(iv) allowing for 29 foot wide streets in Stonewater sections 2, 5, and 7.

PLANNING & ZONING COMMISSION: ☐ RECOMMENDED APPROVAL ☐ DISAPPROVAL ■ NONE



April 26, 2016

City of Manor City Council 105 East Eggleston Street Manor, Texas 78653

Re:

Stonewater Waiver

Via electronic mail tbolt@cityofmanor.org, fphelan@jaeco.net, sdunlop@cityofmanor.org

Dear City Council:

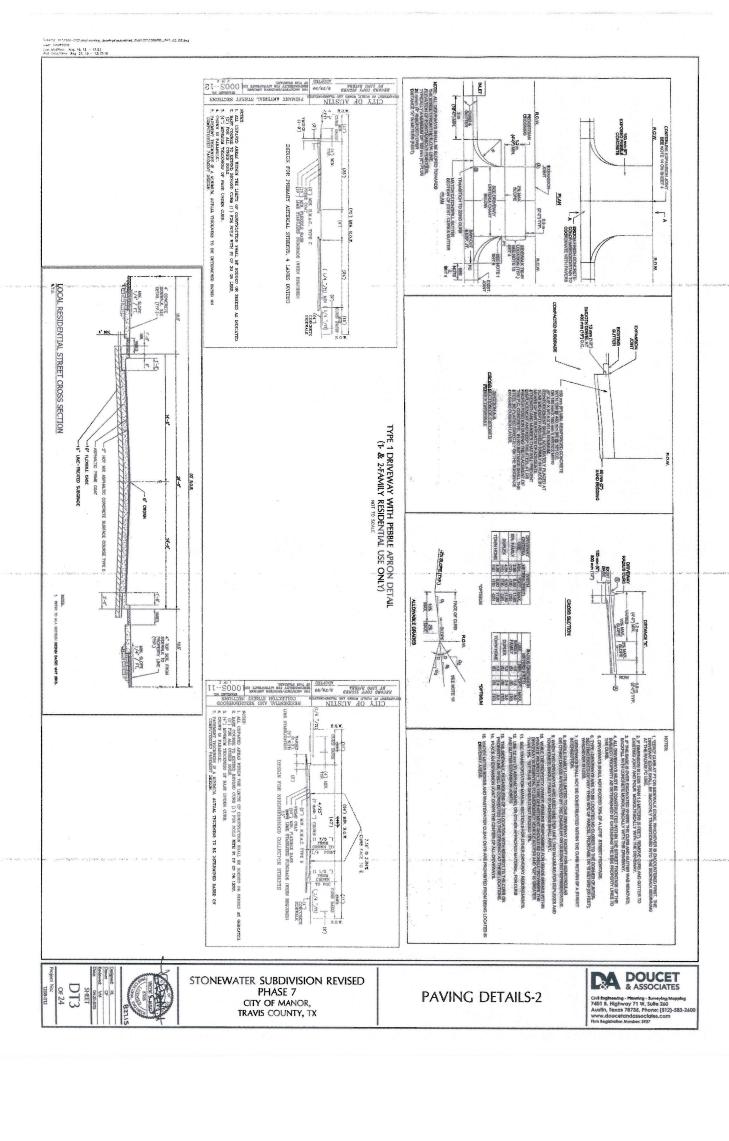
Continental Homes of Texas, L.P., d/b/a D.R. Horton Homes would like to receive a waiver from 263B Article III Section 42 (b) (12) (IV) of the City Ordinance (2012), "Transportation Improvements", for Stonewater Sections 2, 5 and 7. The above reference ordinance calls for minor streets to have at least 31' of pavement width however, our City approved plans call for 29' of pavement width. We have City of Manor approved construction plans dated 2015 and are under construction in these three sections. Stonewater Sections 2 and 7 have curbs installed and Section 5 has about 75% of the storm drain installed. If we were required to expand the pavement from 29' to 31' we would need to remove the curbs, storm drains, water and waste water lines. This task would cost several hundred thousand dollars and extend our completion date by 150 days. The added expense and time would delay buyers from closing on their new homes and could possibly increase the sales price of the homes.

We have met with Tom Bolt, the City Manager of Manor, and Frank Phelan, with Jay Engineering Company, Inc., and they proposed that we keep the street widths in sections 2, 5 & 7 at 29', per the City approved plans, but increase the street widths to 31' in the Stonewater North Sections 1-3. Stonewater North is part of the Development Agreement between the City of Manor and the Developer, effective date of June 4, 2003, which includes Stonewater Sections 1, 1A, 3, 4, 6 and 8 (of which 1, 1A, 4, and 6 are all complete). Per this Development Agreement the minor street width requirement is 29 feet.

Based on the above information, we respectfully request a waiver from the City of Manor allowing the pavement in the Stonewater Sections 2, 5, and 7 to remain at the prior-approved width of 29 feet. Please contact me if you have any questions or concerns regarding this matter. My direct line is 512-748-4037 and my email address is jijudd@drhorton.com. Thank you for consideration of this important matter.

Assistant Project Manager

10700 Pecan Park Blvd. • Fourth Floor • Austin, Tx 78750
Phone: (512) 345-4663
www.drhortonaustin.com





STONEWATER SUBDIVISION REVISED\
STONEWATER NORTH EXHIBIT
CITY OF MANOR,
TRAVIS COUNTY, TX

STONEWATER &
STONEWATER NORTH
AREA EXHIBIT



Civil Engineering - Planning - Surveying/Mapping 7401 B. Highway 71 W, Suite 160 Austin, Texas 78735, Phone: (512)-583-2600 www.doucetandassociates.com