



1111 Bayou Road
La Marque, Texas
409-938-9202

Mayor Bobby Hocking

Mayor Pro-Tem Keith Bell-District A

Councilmember Chris Lane- District B

Councilmember Robert Michetich-District C

Councilwoman Casey McAuliffe- District D

OFFICIALLY POSTED ON THE WEB:

DATE: 1.10.19 TIME: 1:15 p.m.

ORDINANCE NO. O-2019-004
RESOLUTION NO. R-2019-003

**CITY OF LA MARQUE
REGULAR CITY COUNCIL
AGENDA
of
January 14, 2019**

Notice is hereby given that the City Council of the City of La Marque, Texas will conduct a Regular Meeting on Monday, January 14, 2019, beginning at 6:00 p.m. at 1109-B Bayou Road for the purpose of considering the following agenda:

- (1) CALL MEETING TO ORDER**
- (2) ROLL CALL**
- (3) INVOCATION AND PLEDGE OF ALLEGIANCE**
- (4) PRESENTATIONS/ PROCLAMATIONS**
 - a. Proclamation- Martin Luther King, Jr.
- (5) CITIZENS PARTICIPATION (Limited to three minutes per person)**

Comments from the public (at this time, any person with city-related business who has signed up may speak to Council (limited to three (3) minutes.) In compliance with Texas Open Meeting Act, the City may not deliberate on comments. Personal attacks will not be allowed, and personnel matters should be addressed to the City Manager during normal business hours.
- (6) CONSENT AGENDA** (All consent agenda items are considered routine by City Council and will be enacted by one motion. There will be no separate discussion of these items unless a Councilmember requests an item be removed and considered separately.)
 - a. City Council Meeting Minutes of December 10, 2018

- b. City Council Budget Workshop July 24, 2018
- c. City Council Budget Workshop July 26, 2018
- d. Discussion/possible action regarding accepting the Quarterly Investment Report for the Third Quarter 2018.
- e. Discussion/possible action regarding adopting Resolution No. **R-2019-001**, for tax assessment and collection services by the Galveston County Assessor/Collector of taxes.
- f. Discussion/possible action regarding adopting Ordinance No. **O-2019-001** amending the fiscal year 2017-18 Budget for General Fund, PIDs, Sanitation Fund, Capital Improvement Fund, Disaster Fund, and special (restricted) revenue and related expenditure funds by increasing (decreasing) certain revenues and increasing (decreasing) certain expenditures to individual budget accounts in certain funds as set forth in attached Exhibit "A". **THIS IS THE FIRST READING**

(7) PUBLIC HEARINGS

- a. Conduct Public Hearing to hear public input regarding adopting Resolution No. **R-2019-002**, approving the dissolution of the Public Improvement District No. 3 (Park Meadows) being located within the corporate limits of the City of La Marque.
- b. Conduct Public Hearing to hear public input regarding adopting Resolution No. **R-2019-003**, authorizing and creating Trails at Woodhaven Lakes Public Improvement District No. 4 within the corporate limits of the City of La Marque.
- c. Conduct Public Hearing to hear public input regarding adopting Ordinance No. **O-2019-002**, creating Tax Increment Reinvestment Zone Number Two for Omega Bay Subdivision, a contiguous geographic area in the City of La Marque, under the provisions of Chapter 311 of the Texas Tax Code.
- d. Conduct Public Hearing to hear public input regarding adopting Ordinance No. **O-2019-003**, adopting and imposing impact fees.
- e. Conduct Public Hearing to hear public input regarding adopting Ordinance No. **O-2018-0017**, waiving registration fees for the rental registration program until December 31, 2018 and approval of an updated brochure and registration forms for the rental registration program.
- f. Conduct Public Hearing to hear public input regarding adopting Ordinance No. **O-2018-0018**, accepting the City of La Marque Engineering Design Criteria Manual prepared by Adico LLC Consulting Engineers.
- g. Conduct Public Hearing to hear public input regarding adopting Ordinance No. **O-2018-0019**, establishing procedures and criteria for appointing members to the Boards and Commissions.

(8) OLD BUSINESS

- a. Discussion/possible action regarding adopting Ordinance No. O-2018-0017, waiving registration fees for the rental registration program until December 31, 2018 and approval of an updated brochure and registration forms for the rental registration program. THIS IS THE SECOND AND FINAL READING
- b. Discussion/possible action regarding adopting Ordinance No. O-2018-0018, accepting the City of La Marque Engineering Design Criteria Manual prepared by Adico LLC Consulting Engineers. THIS IS THE SECOND AND FINAL READING
- c. Discussion/possible action regarding adopting Ordinance No. O-2018-0019, establishing procedures and criteria for appointing members to the Boards and Commissions. THIS IS THE SECOND AND FINAL READING

(9) NEW BUSINESS

- a. Discussion/possible action regarding adopting Resolution No. R-2019-002, for the dissolution of the Public Improvement District No. 3 (Park Meadows) being located within the corporate limits of the City of La Marque – Finance Director S. Kou
- b. Discussion/possible action regarding a proposed Development Agreement between the City of La Marque, Texas and Woodhaven Lakes, Ltd. for Trails at Woodhaven Lakes subdivision, and provide direction to City Manager – Interim City Manager C. Warren
- c. Discussion/possible action regarding adopting Resolution No. R-2019-003, authorizing and creating Trails at Woodhaven Lakes Public Improvement District No. 4 within the corporate limits of the City of La Marque - Finance Director S. Kou
- d. Discussion/possible action regarding adopting Ordinance No. O-2019-002, creating Tax Increment Reinvestment Zone Number Two for Omega Bay Subdivision, a contiguous geographic area in the City of La Marque, under the provisions of Chapter 311 of the Texas Tax Code – THIS IS THE FIRST READING
- e. Discussion/possible action regarding adopting Ordinance No. O-2019-003, adopting and imposing impact fees - THIS IS THE FIRST READING
- f. Discussion/possible action regarding adopting Ordinance No. O-2019-004, approving a road right of way abandonment for a portion of the 60-foot road easement (Clerks File #8843301) located in Painted Meadows Section 5 specifically overlapping lots in Block 1, Lots 1-8; Block 5, Lots 10-17, Block 4, Lots 2, 3, 16, and 17; Block 3, Lots 1-20, and Block 1, Lots 2 &3, on behalf of Two Windy Hill Investments- Development Services Coordinator S. Sutton THIS IS THE FIRST READING

(10) CONTRACTS

- a. Discussion/possible action regarding awarding LMC Corporation, a Job Order Contract, for the reconstruction and re-roofing of Building “C”, located at 4916

FM 1765, in the amount of \$376,413.32 – Assistant Public Services Director C. Cary

- b. Discussion/possible action regarding approval of a Change Order for LJA Engineering Project No. E019-1002 to Statewide Services, Inc. to decrease the original bid of \$412,190.00 by 8.79% (\$33,300.00), making a total cost of the project \$378,890.00, with an increase in contract time from approved time extension of 45 calendar days for completion of the project – Assistant Public Services Director C. Cary

(11) APPOINTMENTS

- a. Discussion/possible action regarding appointments and/or reappointments to fill various positions of the Boards and Commissions – Mayor Hocking

(12) EXECUTIVE SESSION

The City Council for the City of La Marque, Texas reserves the right to adjourn into executive session at any time during the course of this meeting to discuss any of the matters listed above, as authorized the Texas Government Code Section 551.071 (Consultation with Attorney), 551.072 (Deliberations about Real Property), 551.073 (Deliberations about Gifts and Donations), 551.074 (Personnel Matters), 551.076 (Deliberations about Security Devices) and 551.086 (Economic Development)

- 1. Section 551.071 (Consultation with Attorney) – Discussion of the Development Agreement for Trails at Woodhaven Lakes

(13) ACTION TAKEN FROM EXECUTIVE SESSION

- 1. Discussion/possible action on the Development Agreement for Trails at Woodhaven Lakes

(14) ADJOURNMENT

CERTIFICATION:

I hereby certify that the above notice of meeting was posted at 1109-B Bayou Road, La Marque, Texas on or before January 10, 2019, before 5:30 p.m.

Robin Eldridge, TRMC
City Clerk

.....
This facility is wheelchair accessible and accessible parking spaces are available. Request for accommodations or
interpretive services must be made 48 hours prior to this meeting. Please contact the City Clerk's office at (409) 938-
9259, or Fax (409) 935-0401, or e-mail cityclerk@cityoflamarque.org for further information.
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**CITY OF LA MARQUE
CITY COUNCIL
REGULAR MEETING MINUTES
OF
December 10, 2018**

Regular City Council Meeting Minutes of the City of La Marque City Council held on Monday, December 10, 2018, beginning at 6:00 p.m. at 1109-B Bayou Road with the following members present:

(1) CALL TO ORDER

Mayor Hocking called the Regular Meeting to order at 6:02 p.m.

(2) ROLL CALL

Bobby Hocking

Keith Bell

Chris Lane

Robert Michetich

Casey Mc Auliffe

Mayor

Mayor Pro-Tem, Councilmember District A

Councilmember, District B - Absent

Councilmember, District C

Councilwoman, District D

OTHER OFFICIALS PRESENT:

Charlene Warren

Robin Eldridge

Ellis Ortego

Interim City Manager

City Clerk

City Attorney

(3) INVOCATION AND PLEDGE OF ALLEGIANCE- Mayor Pro-Tem Bell led the invocation and the Pledge of Allegiance

(4) PRESENTATIONS/ PROCLAMATIONS - There were none

(5) CITIZENS PARTICIPATION

1. George Schilter spoke about the creation of a possible Tax Increment Reinvestment Zone (TIRZ) for Omega Bay, the area in which he lives. He produced a document to all of City Council that addressed a series of questions (Attachment "A"). He then thanked all for their service and wished all a Merry Christmas and a Happy New Year and commented on perhaps removing the Interim from in front of the Interim Charlene Warrens' name plate.
2. Geraldine Sam also mentioned keeping Charlene Warren on as the City Manager and hiring locally to someone who already knows the citizens and the City of La Marque. Asked for an explanation of the 3% increase for the solid waste pickup.
3. Sam Ferrell thanked all of City Council and Councilmember Michetich for all the hard work in the attention given to the proposal of a possible TIRZ in Omega Bay.
4. Clarence Caldwell thanked La Marque Police Department for doing a fine job this year and continued success with the Chief. He brought attention to a ditch that



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remains filled and not draining properly. He brought pictures and was asked to get with the correct department and the Interim City Manager would be getting in touch.

(6) CONSENT AGENDA

- a. City Council Minutes of November 12, 2018
- b. City Council Workshop Minutes of November 12, 2018
- ** Councilmember Michetich made a motion to approve the consent agenda.
- ** Councilwoman Mc Auliffe seconded. **MOTION CARRIED UNANIMOUSLY**

(7) PUBLIC HEARING

- a. Conduct Public Hearing to hear public input regarding adopting Ordinance No. **O-2018-0015**, changing the zoning classification from C-1 Commercial to R-1 Residential, as recommended by the Planning and Zoning Commission of Lot 7A, of McNeels Subdivision, Re-Plat of Lots 7 and 8 a subdivision in Galveston County, Texas, according to the map or plat thereof recorded under Clerks file number 2017060207 of the Plat record of Galveston County. (Known as Spruce St. PID# 721063); amending the Zoning Map of the City of La Marque adopted the 12th day of December 2005, by Ordinance 953.

Mayor Hocking closed the Regular Meeting and opened the Public Hearing at 6:13 p.m.

No one spoke.

- b. Conduct Public Hearing to hear public input regarding Ordinance No. **O-2018-0016**, changing the Zoning classification from C-1 Commercial to R-1 Residential, as recommended by the Planning and Zoning Commission being Lots 9 thru 12 and the North 26 Feet of Lot 13 in Block 5 and Lots 12 and 13 and the North 20 Feet in Block 6 of McNeels Subdivision, a subdivision in Galveston County, Texas according to the Map or Plat as recorded in Volume 275 Page 379 and 380 of the Deed Records of Galveston County, Texas (Known as 1101 Oak St., PID #98799); amending the City of La Marque Zoning Map, adopted on the 12th day of December, 2005, by Ordinance Number 953.

No one spoke.

- c. Conduct Public Hearing to hear public input regarding adopting Resolution No. **R-2018-0027**, to approve the land use assumptions and capital improvements plan, and to call a public hearing on the imposition of impact fees.

Robert Santini, Friendswood Development Company (Delany Cove) wanted to share a few facts about some of the effects of the impact fees. "I would like to share a few concerns since 2015 and of the first 9 months of 2018, the market



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conditions have allowed us to increase pricing to increase home sizes to push for the value that I know all of Council has been seeking. Our sales have also increased. In the past 60 days we have moved from selling homes on 50-foot lots, to 60-foot lots, and was a strong position of Planning and Zoning Commission and City Council. Delaney Cove has absorbed the costs (averaging about \$10,000.00 per home) moving from building on 50 to 60-foot lots, which has decreased the selling of homes about 7.5 homes down to 2 per month. The homes that we have sold this year have averaged about \$212,000.00 to \$213,000.00, which when an additional \$10,000.00 added, which will peak of what the market will hold. As Council is considering these impact fees, this increase adds another \$3,700.00 per home, which is going to be pushing up against a market that is already at a high point. We believe that there is not much more room to push prices. We will continue to push, but at the same time, we can't force persons to buy homes that they cannot afford."

Mayor thanked Mr. Santini and the development company for their support and for providing a new home to a local wounded warrior, mortgage free.

Mayo Pro-Tem Bell asked to see more information from Mr. Santini and other home builders what the impact fee looks like to their sales.

Councilmember Michetich said that it is necessary to repair or completely build another sewer treatment plant to support the new homes that are being built, but the collection of impact fees will not be enough to cover these costs. "We should have implemented these impact fees three or four years ago."

Mayor Hocking closed the Public Hearing and reconvened the Regular Meeting at 6:23 p.m.

(8) OLD BUSINESS

- a. Discussion/possible action regarding adopting Ordinance No. **O-2018-0015**, changing the zoning classification from C-1 Commercial to R-1 Residential, as recommended by the Planning and Zoning Commission of Lot 7A, of McNeels Subdivision, Re-Plat of Lots 7 and 8 a subdivision in Galveston County, Texas, according to the map or plat thereof recorded under Clerks file number 2017060207 of the Plat record of Galveston County. (Known as Spruce St. PID# 721063); amending the Zoning Map of the City of La Marque adopted the 12th day of December 2005, by Ordinance 953 - Development Services Coordinator S. Sutton **THIS IS THE SECOND AND FINAL READING**

** Councilwoman Mc Auliffe made a motion to adopt Ordinance No. O-2018-0015.

** Councilmember Michetich seconded. **MOTION CARRIED UNANIMOUSLY.**



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- b. Discussion/possible action regarding adopting Ordinance No. **O-2018-0016**, changing the Zoning classification from C-1 Commercial to R-1 Residential, as recommended by the Planning and Zoning Commission being Lots 9 thru 12 and the North 26 Feet of Lot 13 in Block 5 and Lots 12 and 13 and the North 20 Feet in Block 6 of McNeels Subdivision, a subdivision in Galveston County, Texas according to the Map or Plat as recorded in Volume 275 Page 379 and 380 of the Deed Records of Galveston County, Texas (Known as 1101 Oak St., PID #98799); amending the City of La Marque Zoning Map, adopted on the 12th day of December, 2005, by Ordinance Number 953 – Development Services Coordinator S. Sutton **THIS IS THE SECOND AND FINAL READING**

** Councilwoman Mc Auliffe made a motion to adopt Ordinance No. O-2018-0016.
** Mayor Pro-Tem Bell seconded. **MOTION CARRIED UNANIMOUSLY**

- c. Discussion/possible action regarding Ordinance No. **O-2018-0017**, accepting the City of La Marque Engineering Design Criteria Manual prepared by Adico LLC Consulting Engineers. **THIS IS THE FIRST READING (Tabled from November 12, 2018 Meeting)**

** Councilwoman McAuliffe made a motion to approve Ordinance No. O-2018-0017.
** Councilmember Michetich seconded. **MOTION CARRIED UNANIMOUSLY**

- d. Discussion/possible action regarding adopting Ordinance No. **O-2018-0018** establishing procedures and criteria for appointing members to the Boards and Commissions – Mayor/City Council **THIS IS THE FIRST READING (Tabled from November 12, 2018 Meeting)**

** Mayor Pro-Tem Bell made a motion to discuss and then made amendments as follows.

** Councilmember Michetich seconded.

Mayor Pro-Tem Bell wanted to see added to the ordinance (page 175) the residency requirement - he wanted to see the portion added to include a person who may have expertise in a certain area (verified skill set) by unanimous vote of Council to be appointed to a certain Board whether this person lives in the City or not, to address any issues in the residency area. He also had concerns with absences. The section seems to contradict itself. The reasons for absences from meetings could be for medical reasons, or court orders of individuals that have possession of children and cannot get child care, etc. There are no parameters as of this date as to what is considered excused absences. There needs to be established some absence guidelines heading into the future and was further discussed. "We can add to the end of the sentence "Subject to appeal to City Council." Further discussion led to the possibility of ex-officio members being able to be appointed or reappointed to Boards and Commissions. "Under the residency requirements - the addition of "Persons who live outside of our city



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limits, may serve on Boards and Commissions appointed as ex-officio, non-voting members if approved by City Council, by unanimous vote for one year, unless reappointed for more by unanimous vote of Council (one per Board/Commission).” This appointment would not affect the Council’s individual appointments, since it would be their appointment unanimously. **MOTION FOR AMENDMENTS ABOVE CARRIED UNANIMOUSLY**

** Mayor Pro-Tem Bell made a motion to adopt Ordinance No. O-2018-0018 as amended.

** Councilmember Michetich seconded. **MOTION CARRIED UNANIMOUSLY**

(9) NEW BUSINESS

a. Discussion/possible action regarding adopting Resolution No. **R-2018-0027**, to approve the land use assumptions and capital improvements plan, and to call a public hearing on the imposition of impact fees.

** Councilmember Michetich made a motion to adopt Resolution No. R-2018-0027

** Councilwoman Mc Auliffe seconded. **MOTION CARRIED UNANIMOUSLY**

b. Discussion/possible action regarding adopting Resolution No. **R-2018-0028** calling for a Public Hearing on the dissolution of the Public Improvement District No. 3 (Park Meadows) being located within the corporate limits of the City of La Marque.

** Councilmember Michetich made a motion to adopt Resolution no, R-2018-0028.

** Mayor Pro-Tem Bell seconded.

Ayes- Mc Auliffe, Michetich, Mayor Pro-Tem Bell, Mayor Hocking

Nays- None

Absent - Lane **MOTION CARRIED WITH A VOTE OF: 4 AYES TO 0 NAYS AND 1 ABSENT**

c. Discussion/possible action regarding adopting Resolution No. **R-2018-0029** calling for a Public Hearing on the creation of a Public Improvement District (Trails at Woodhaven Lakes) within the corporate limits of the City of La Marque.

** Councilmember Michetich made a motion to adopt Resolution No. R-2018-0029.

** Mayor Pro-Tem Bell seconded.

Ayes- Mc Auliffe, Michetich, Mayor Pro-Tem Bell, Mayor Hocking

Nays- None

Absent - Lane **MOTION CARRIED WITH A VOTE OF: 4 AYES TO 0 NAYS AND 1 ABSENT**



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- d. Discussion/possible action regarding adopting Resolution No. **R-2018-0030** amending Resolution No. R-2018-0017, formalizing a City Travel Policy that had been established in previous years.
- ** Mayor Pro-Tem Bell made a motion to adopt Resolution No. R-2018-0030
** Councilmember Michetich seconded. **MOTION CARRIED UNANIMOUSLY**
- e. Discussion/possible action regarding renewal of current lease program vehicles with Enterprise Fleet Management (EFM).
- ** Councilmember Michetich made a motion to renewal of current lease program vehicles with Enterprise Fleet Management (EFM).
- ** Councilwoman Mc Auliffe seconded. **MOTION CARRIED UNANIMOUSLY**
- f. Discussion/possible action to accept a petition from property owners requesting that a contiguous geographic area in the City of La Marque (Omega Bay subdivision) be designated as a tax increment reinvestment zone (TIRZ) under the provisions of Chapter 311 of the Texas Tax Code and call a public hearing on January 14, 2019.
- ** Councilmember Michetich made a motion to accept a petition from property owners requesting that a contiguous geographic area in the City of La Marque (Omega Bay subdivision) be designated as a tax increment reinvestment zone (TIRZ) under the provisions of Chapter 311 of the Texas Tax Code and call a public hearing on January 14, 2019.
- ** Councilwoman Mc Auliffe seconded.

Councilmember Michetich added, "After finalizing the petitions, the total value of the properties of the owners of property in Omega Bay totaled over \$70,000,00.00, and the petitions that were accepted equaled 54 + %, which was over the 50.1% needed to move forward with a TIRZ. These were only the persons approached, and some are out of town owners and couldn't be reached."

City Attorney Ellis Ortego spoke, "The streets in Omega Bay are private streets, and understanding that the intent is to use public taxes, whether it is through TIRZ or otherwise to fix these private streets. Has this issue been addressed?"

Sue Darcy of Marsh Darcy Partners approached the podium and began, "One of the issues is the owner of the streets, originally it was intended that the streets would become public streets. In other words, the City would receive a conveyance of the rights-of-ways from the Homeowners Association; that has not been completely ironed out yet. We just received the petitions this week, so we



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haven't gone through those details yet, to obtain the fee simple title of ownership. A survey has been done of the streets."

It was said that some property owners said that they are paying taxes on those streets, Councilmember Michetich commented, "This is not so; the property starts from the edge of the street to your bulkhead, and this is what the appraisal district taxes you on. This is a long-term plan, it is not an overnight, but this provides a self-funding method of repairing the streets, without having a negative impact to the City."

Ms. Darcy added, "But if we do run afoul in obtaining the fee simple title, Chapter 380, allows TIRZ's to do Chapter 380 agreements and to do the reconstruction of the streets, by using Council's approval." **MOTION CARRIED UNANIMOUSLY**

Mayor Hocking asked for Item 12 to be **taken** at this time.

(10) EXECUTIVE SESSION

1. Section 551.074 (Personnel Matters) - Discussion of City Manager position for the City of La Marque

Mayor Hocking closed the Regular Meeting and went into Executive Session at 7:01 p.m.

Mayor Hocking reconvened the Regular Meeting at 8:03 p.m.

(11) ACTION ITEM FROM EXECUTIVE SESSION

1. Discussion/possible action regarding the position of City Manager for the City of La Marque

Councilwoman McAuliffe made a motion to approve the City Manager profile and post the job description and call for applications for the City Manager position, prepared by Ron Cox Consulting.

Councilmember Michetich seconded. **MOTION CARRIED UNANIMOUSLY**

(12) REQUEST AND ANNOUNCEMENTS

Councilwoman Mc Auliffe wished all of those who celebrate Christmas a Merry Christmas and to those who just celebrated Hanukkah.

Councilmember Michetich thanked all for attending. The next meeting in January is especially important, as all meetings are. Snow King will soon celebrate its fifty years in business. Asked all that could to please attend the dedication on January 25th of the Wounded Warriors home in Delany Cove, and reported on Wreaths Across America on the 15th of December. Wished all a Merry Christmas!



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Mayor Pro-Tem Bell wished all a Merry Christmas!

Mayor Hocking encouraged all to wear sun-screen and wished all a Merry Christmas, as well.

(13) ADJOURNMENT

It was the consensus of City Council to adjourn the meeting at 8:03 p.m.

Bobby Hocking, Mayor

ATTEST:

Robin Eldridge, TRMC
City Clerk



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**CITY OF LA MARQUE
CITY COUNCIL
BUDGET WORKSHOP MINUTES
OF
July 24, 2018**

Notice is hereby given that the City Council of the City of La Marque, Texas will conduct Budget Workshops beginning at 10:30 a. m. on Monday, July 23, 2018, until adjourned, and resuming on Tuesday, July 24, 2018, beginning at 10:30 a.m. until adjourned, and resuming on Thursday, July 26, 2018 beginning at 10:30 a.m. until adjourned, and will continue on Friday, July 27, 2018 beginning at 10:30 a.m., if necessary, until adjourned, at 1109-B Bayou Road for the purpose of considering the following agenda:

(1) CALL TO ORDER

Mayor Hocking called the Budget Workshop to order at 10:59 a.m. (Tuesday, July 24, 2018)

(2) ROLL CALL

Bobby Hocking

Keith Bell

Chris Lane

Robert Michetich

Casey Mc Auliffe

Mayor

Mayor Pro-Tem, Councilmember District A

Councilmember, District B

Councilmember, District C

Councilwoman, District D

OTHER OFFICIALS PRESENT:

Carol Buttler

Robin Eldridge

City Manager

City Clerk

(3) Review and Discuss Proposed Fiscal Year 2018-2019 Departmental Budgets and all Funds

A Revised Workshop Worksheet was distributed - Supplemental Expenditures Capital Outlay from each department. (pages 367-370)

Ms. Kou explained some of the capital projects and that those go hand in hand with debts. "Some cities do separate budgets for capital projects." (long term, most times you need debt to fund those projects). She explained the difference between good and bad debt.

The City has maintained above 90 days surplus for the last few years, which is good. The City's goal is to be AAA, the City is at AA- currently but, still at a good standing. Ms. Kou explained the 80 - 20 rule. "On the revenue side, you have 20% of your revenue sources generating 80% of your total revenues. Our goal is to use 20% of our expenditure sources to pay for 80% of our needs. I flip that and see if we can apply that same theory to the expenditure side. It's a balancing act."

Currently, the city has a 136-day surplus. The question was asked of how much money is available to spend, if there was a 90 or 120 days surplus. A day is worth \$30,000.00. After



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a lengthy discussion, it was said that for a 110-day surplus, they would have \$593,791.45, not including the \$117,000.00, which is \$734,096.30. Game room money was briefly discussed.

Mayor called for a ten- minute break at 11:30 a.m. so that the Finance Director could get a spread sheet to show what a 100, 110, and a 120- days surplus would look like.

Mayor reconvened the Budget Workshop at 12:01 p.m. then broke for lunch at the same time.

Mayor Hocking reconvened the Budget Workshop at 1:12 P.M.

It was suggested to start on page 367, supplementals.

CITY CLERK/CITY MANAGER

City Manager's office and City Clerk are asking for an Administrative Assistant. City Manager added, "We are asking to "share" a position, a "floater". We feel like there is enough between the two of us that this person would be busy." Mayor Hocking added that although Council does not get involved in personnel matters, but that this person should be of quality and is much needed. The City Clerk would utilize the person in this position for special projects (scanning, etc.); it was said that it would be a structured position with each day outlined and planned out for this new position. The City Manager has and will continue to utilize the person in this position for returning phone calls, answering emails and other assignments. This person was approved for this next year's budget.

CODE COMPLIANCE

Asking for two Code Compliance officers (including vehicles and equipment)

"Due to the amount of lots we are maintaining and the increasing number of substandard houses, and with the new rental registration program, I am requesting two new Code Enforcement Officers, to assist with all of this." There are currently just two Code Enforcement Officers. It was the consensus of Council to allow for the filling of one new position as Code Enforcement Officer, with the promise to look into the hiring of another employee in the spring. "With fees being collected from this program, it can pay for itself over a period", Mayor Pro-Tem Bell stated. Further discussion included waiving the registration fee for the rest of this year. Beginning in January 2019, they will begin charging the fees. It was asked that all the HOA's be notified of this new change.

FIRE DEPARTMENT- 9 additional personnel for the new Fire Station, it was decided to wait on this item until after their discussion with Chief Grimm.

IT

They were asking for a pay increase for the IT Technician (Brandon) of \$2.00 per hour. Council agreed. (\$5006.16)

MUNICIPAL COURT - One, part-time Juvenile Case Manager

In addition, it was asked for an ordinance to be drawn up so that the City can begin collecting a \$5.00 case manager fee, per conviction (in efforts to help juvenile crime and hopefully to deter those juveniles from becoming harder criminals). The State also pays



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the City \$1.00 per conviction, with this ordinance in place. This money will pay for this position. It was said that there was an average of 300 to 350 convictions per month. Further discussion involved what types of programs and resources are available to the juveniles, including the following help or training: Parenting skills, Crisis intervention, youth coping skill training, family counselling and many others. It was asked that the City Manager to craft this position, working with Ms. Bell and Judge Baker and to include both Lane and McAuliffe for their input. A new lease vehicle is being asked for so that the City Marshall can have a consistent vehicle. (\$8,500.00)

POLICE DEPARTMENT

The need for a "drone" to investigate traffic collisions that result in serious bodily injury or death of drivers, that will provide an overhead view of the investigation site was discussed. (\$1,000.00) (May be able to be purchased out of this budget); bathroom hardware is needed in the jail cells. (\$12,000.00); A watch guard server (\$5,500.00); Eight (8) patrol vehicles were discussed for financing (lease-purchase program) the phasing in of these vehicles; in-car video systems, the switching over from one company to another was briefly discussed. Jail camera system (8)- tamper-proof (\$18,000.00)

Discussion followed as to what the Police Collective Bargaining and a few members of City Council discussed about in their three-year proposed contract. 1st year -2% cost of living raise; 2nd year 2 ½ % cost of living raise and the third year a 3% cost of living raise); Corporal positions- incentives (\$250.00 for each test taken and passes); Fitness program for each test passed- \$250.00; Due to increase in technology, extra demands from the District Attorneys' office attributed to the Brady's Act, for copies of in-car video camera and body cameras, it is falling on the Evidence Custodian, he is asking for a second Records Clerk and to be cross-trained. The Corporal positions was clarified (February 2019 in effect).

Mayor called for a break at 2:58 p.m.

The Budget Workshop reconvened at 3:56 p.m.

PUBLIC SERVICES - Shop renovation- remodeling (better utilized- and insurance compliant- using Bonds; Playground equipment for pocket parks; Parks other than Mahan and Highland Bayou parks. (Itemized list of parks, and what type of equipment was asked for). (\$20,000). Utility Fund - One (1) one-ton truck (lease (\$13,000.00). Trench shoring box; Boring bullet (\$5000.00) and air compressor; Furniture for new office (Bonds) and Utility Fund; new restroom fixtures for both Mahan and Highland Bayou Parks (\$31,500.00) includes installation. Update GPS services (\$10,000.00)- Utility Fund; Removal of underground storage tanks and replace with above ground tanks (fuel) -\$45,000.00. They are asking for three more Workers for Department #12 (Streets and Drainage); (\$20,000.00) for a City-wide drainage study-2005 Bonds. Concrete and sidewalk repairs. All current workers are being trained to use all the equipment. Water Development Board project grant (elevated storage tanks); fire hydrant study; valve replacement program. There are currently six workers in that department. Discussion followed as to the future and or the need for the shop, it was clarified of what kinds of minimal work, but needed work that the shop employees provide, also City Hall carpet replaced and removal of the partitions.



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LIBRARY - Trash receptacles- \$1,200.00 (in the current budget); Bilingual station- in current budget; Asphalt and overlay of the library parking lot (\$22,000.00)

Conference Chairs, side chairs were discussed; EOC Chairs; walking trail for one of the parks; another Code Enforcement Officer; CRS Community Rating System

Capital Projects were briefly discussed (Goodman Corp.); pocket park in Saltgrass Crossing- the HOA is wanting it to be a private park that they would maintain. They are asking the City for \$3,000.00 to help fund this park, but that it would remain a private park. (later discussion); splash pads in pocket parks were discussed and it was said that the maintenance is costly. (later discussion); or ask for grant money. Repairing fences and other at the current parks is needed. Contracting with a company that could write grants for the City was encouraged and discussed. Contract mowing for the City's drainage ditches ROW- a map was discussed (color coded); the need for a slope mower employee was discussed and asked for or to find a company that has someone with a slope mower; certain areas in the city ROW's in town (TXDOT, DD2) will be mowed occasionally but a letter should be mailed to both entities for the enforcement for them to mow their own ROW's and ditches. Further discussion resulted in adding \$20,000.00 into mowing to help in these areas. A schedule will be created among staff and the City Manager is to get with the Drainage District to see what they have in their budget for mowing and will also mail them a letter. Open space for tree preservation - no extra money required at this time

Mayor Hocking called for a break from the Budget Workshop at 5:06 p.m.

Mayor Hocking reconvened the Budget Workshop at 6:11 p.m.

Discussion began with the Omega Bay TIRZ figures- Marsh Darcy put a chart together that provided a time line of five years (beginning with 2019). HOA will still have to decide whether their citizens will agree to a TIRZ. This is still under discussion. No money is needed at this time. Part of the money would be coming from the residents. A Tax Increment would be going into that fund. All documentations were based on the current tax rolls. The increment that the city would be providing would be \$15,000.00, but this idea was still in the works and by no means a done deal at this time. It is still in the discussion stages; \$20,000.00 for the Saltgrass park was set aside, that would initially be a City Park. TNMP and staff members had met about some projects (Borondo Pines- street lights in addition to decorative lights- TNMP will take care of the decorative lights; Taylor Circle (highest priority) five street lights (\$25,000.00); TNMP- LED lighting under the care of PUC, it is unknown until 2019, whether they will be using the LED lighting for their standards; lighting in the Anita and Union streets (revitalization) at no cost to the City.

Keep La Marque Beautiful was given \$10,000.00 for their projects and or programs.

A brief overview of Thursday 's Budget Workshop; PEG Fund and line by line if needed; Fire Department is on the Agenda for Thursday, with a brief detailing first.

(4) ADJOURNMENT

It was the consensus of Council to adjourn the Special Called Meeting at 6:37p.m.

MEETING ADJOURNED.



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Bobby Hocking, Mayor

ATTEST:

Robin Eldridge, TRMC
City Clerk



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**CITY OF LA MARQUE
CITY COUNCIL
BUDGET WORKSHOP MINUTES
OF
July 26, 2018**

Notice is hereby given that the City Council of the City of La Marque, Texas will conduct Budget Workshops beginning at 10:30 a. m. on Monday, July 23, 2018, until adjourned, and resuming on Tuesday, July 24, 2018, beginning at 10:30 a.m. until adjourned, and resuming on Thursday, July 26, 2018 beginning at 10:30 a.m. until adjourned, and will continue on Friday, July 27, 2018 beginning at 10:30 a.m., if necessary, until adjourned, at 1109-B Bayou Road for the purpose of considering the following agenda:

(1) CALL TO ORDER

Mayor Hocking called the Budget Workshop to order at 10:39 a.m. (Thursday)

(2) ROLL CALL

Bobby Hocking	Mayor
Keith Bell	Mayor Pro-Tem, Councilmember District A
Chris Lane	Councilmember, District B- Absent-Excused
Robert Michetich	Councilmember, District C
Casey Mc Auliffe	Councilwoman, District D

OTHER OFFICIALS PRESENT:

Carol Buttler	City Manager
Robin Eldridge	City Clerk

(3) Review and Discuss Proposed Fiscal Year 2018-2019 Departmental Budgets and all Funds

A break was called so that an informal caucus was called for the City Manager, Fire Chief and Mayor Pro-Tem Bell at 10:40 a.m.

Mayor Hocking reconvened the Budget Workshop at 12:36 p.m. and then called for a lunch break at the same time.

Mayor Hocking reconvened the Budget Workshop at 1:46 p.m.

Discussion began with Chief Grimm and the needs of the new Fire Station. The four things that were agreed on earlier in the informal caucus and that are being brought before Council at this time were: Nine (9) full-time Fire Department personnel were already in the current budget and that seven have already been hired and the other two of those persons are in the process, by using monies unencumbered in the game room fund. A small portion of those salaries of the nine new personnel will be supplemented from property and sales taxes. Chief Grimm has agreed that the Fire Reserve Fund (donations through the County and other entities) will be used for the uniforms, bunker gear and training for those nine new personnel (\$137,000.00); the fire truck that the City is in need of could



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cost in the area of \$500,000.00 to \$600,000.00 will be purchased out of the Equipment Replacement Fund through a lease-purchase; in order for the City to have the new fire truck operating out of the new Fire Station, a person should be assigned every day to drive that fire truck on a continual basis. We will not use a full-time fire-fighter, but a combination of nine part-time fire fighters through scheduling be assigned to this truck and the new fire station to man twenty-four hours a day. So, nine persons will make one position on a part-time basis. It was said that monies could be found in the current budget.

Chief Grimm clarified that the funds in the Fire Reserve Fund are derived from the mutual aid services that are provided by the city. An annual allocation of \$22,000.00 will come in at the end of this budget year to be put back into that fund, that will be depleted for the earlier spoken positions. It takes three persons limited to 1000 hours and phase in over a period of three years. The total of eighteen new persons to be phased in as full time to mirror the old fire stations' number of personnel. For insurance purposes we have satisfied one of the legs, as building a new fire station; the second leg would be the addition of another fire apparatus; and number three is the satisfaction by providing the additional personnel at the new station. The fourth being the satisfying of the Texas Fire Commission by all three other parts. No increase is needed for the new station and or the new personnel to house the station at this time.

Further discussion provided administration fees of \$11,000.00 in arrears and \$11,000.00 going forward for Administration.

There are one hundred days of emergency surplus at this time.

HOT and PEG FUNDS

HOT-FUND

\$40,000- Magical Winter Lights Event brought in around \$45,000.00 in sales tax last year.
\$65,000 into Bayou Fest- in a separate Bayou Fest Fund

PEG-FUND

In need of an electronic marquee out west- \$75,000.00- Capital Purchase there could be \$100,000.00 at the end of this year to cover this amount

IT is in the process of purchasing software for the Council and Community Rooms to stream the Council meetings and upgrade to UTUBE streaming

It was asked about electronic voting by City Council (not a PEG item); voice vote was recommended to continue, since other could be confusing.

Revisited Revitalization- they further discussed leaving monies available for another Code Officer (either in overtime or part-time)-time frame (April or May 2019). Further discussion came to the consensus of Council to fund the second person and a vehicle for this person. Giving Code the two persons asked for initially.

Mayor Hocking called for a break at 2:28 p.m.

Mayor reconvened the Budget Workshop at 3:06 p.m.



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IT to purchase four chromes \$4,000.00 for Council's I-PAD. The Budget Workshop ended with the consensus of Council to ratify the 2018-2019 Budget.

(4) ADJOURNMENT

****** Councilmember Lane made a motion to adjourn the Budget workshop 3:08 p.m. Mayor Pro-Tem Bell seconded. The Budget Workshop **ADJOURNED.**

Bobby Hocking, Mayor

ATTEST:

Robin Eldridge, TRMC
City Clerk



CITY COUNCIL AGENDA FORM

Meeting Date: January 14, 2019

Prepared by: Suzy Kou

Department: Finance

Agenda item: 6d

Reviewed by: Charlene Warren

AGENDA ITEM DESCRIPTION: Discussion/possible action regarding accepting the Quarterly Investment Report for the Third Quarter 2018.

X

ATTACHMENTS FOR REFERENCE

1. Investment Report - Third Quarter 2018

STAFF BRIEFING:

- Per Public Funds Investment Act, we are required to submit quarterly investment reports to Council for acknowledgement purposes.

HISTORY: N/A

TARGET IMPLEMENTATION: N/A

SIGNIFICANT ACTION DATES: N/A

ACTION:

- | | |
|---|---|
| ☐ Ordinance | ☐ Resolution |
| ☐ Special Presentation | ☐ Proclamation |
| ☒ Finance Report | ☐ Public Hearing |
| ☐ Other | |
| ☐ Mark if this item does not conflict with any Resolution, Ordinance or City Charter, policies, procedures | |

Cost Details:

Budgeted	
Actual Bid	
Estimated Expenditure	
Acct. Name(s)	
Line Items #	
Other Funding	

STAFF'S RECOMMENDATION: Motion to accept the Quarterly Investment Report for the Third Quarter 2018.

FISCAL IMPACT: N/A



City of La Marque, Texas
Quarter Ended **9/30/2018**
Detailed Holdings

TexPool Rate: 1.9953
Logic Rate: 2.2112
DWS 1.8900

Fund	Fund Categories	Description	CUSIP	Coupon	Settlement Date	Maturity Date	Par Value	Purch Price	Purch Cost	Book Value	Mkt Price	Mkt Value	Days to Mat	YTM
General Fund	General Fund	Logic		2.2112			3,825,382.76	100.000	3,825,382.76	3,825,382.76	100.000	3,825,382.76	1	2.2112
General Fund	General Fund	TexPool		1.9953			401,652.36	100.000	401,652.36	401,652.36	100.000	401,652.36	1	1.9953
General Fund	General Fund	DWS		1.8900			245,434.51	101.000	245,434.51	245,434.51	100.000	245,434.51	1	1.8900
Utility Fund	Utility Fund	Logic		2.2112			5,387,598.94	100.000	5,387,598.94	5,387,598.94	100.000	5,387,598.94	1	2.2112
Utility Fund	Utility Fund	TexPool		1.9953			565,679.82	100.000	565,679.82	565,679.82	100.000	565,679.82	1	1.9953
Utility Fund	Utility Fund	DWS		1.8900			236,529.86	100.000	236,529.86	236,529.86	100.000	236,529.86	1	1.8900
Utility Fund	Utility Fund (Restricted)	Logic		2.2112			58,741.15	100.000	58,741.15	58,741.15	100.000	58,741.15	1	2.2112
Utility Fund	Utility Fund (Restricted)	TexPool		1.9953			6,167.62	100.000	6,167.62	6,167.62	100.000	6,167.62	1	1.9953
Utility Fund	Utility Fund (Restricted)	DWS		1.8900			3,883.02	100.000	3,883.02	3,883.02	100.000	3,883.02	1	1.8900
Replacement Fund	Replacement Fund	Logic		2.2112			354,419.59	100.000	354,419.59	354,419.59	100.000	354,419.59	1	2.2112
Replacement Fund	Replacement Fund	TexPool		1.9953			37,212.87	100.000	37,212.87	37,212.87	100.000	37,212.87	1	1.9953
Replacement Fund	Replacement Fund	DWS		1.8900			23,428.54	100.000	23,428.54	23,428.54	100.000	23,428.54	1	1.8900
Hotel Motel Fund	Hotel Motel Fund	Logic		2.2112			356,271.95	100.000	356,271.95	356,271.95	100.000	356,271.95	1	2.2112
Hotel Motel Fund	Hotel Motel Fund	TexPool		1.9953			37,407.36	100.000	37,407.36	37,407.36	100.000	37,407.36	1	1.9953
Hotel Motel Fund	Hotel Motel Fund	DWS		1.8900			23,551.00	100.000	23,551.00	23,551.00	100.000	23,551.00	1	1.8900
Debt Service	Debt Service Fund	Logic		2.2112			484,968.82	100.000	484,968.82	484,968.82	100.000	484,968.82	1	2.2112
Debt Service	Debt Service Fund	TexPool		1.9953			50,920.10	100.000	50,920.10	50,920.10	100.000	50,920.10	1	1.9953
Debt Service	Debt Service Fund	DWS		1.8900			31,976.95	100.000	31,976.95	31,976.95	100.000	31,976.95	1	1.8900
LM EDC Operating	LM EDC	Logic		2.2112			4,057,168.58	100.000	4,057,168.58	4,057,168.58	100.000	4,057,168.58	1	2.2112
LM EDC Operating	LM EDC	TexPool		1.9953			1,201,419.54	100.000	1,201,419.54	1,201,419.54	100.000	1,201,419.54	1	1.9953
LM EDC Operating	LM EDC	DWS		1.8900			648.36	100.000	648.36	648.36	100.000	648.36	1	1.8900
LM EDC Operating	LM EDC	Money Market		0.1500			35,815.22	100.000	35,815.22	35,815.22	100.000	35,815.22	1	0.1500
LM EDC Operating	LM EDC	Texas First	5177	0.2000	11/27/2017	11/27/2018	200,801.22	100.000	200,801.22	200,801.22	100.000	200,801.22	241	0.6000
LM EDC Operating	LM EDC	Amoco CD		0.6000	8/30/2017	8/30/2018	101,973.82	100.000	101,973.82	101,973.82	100.000	101,973.82	152	0.8000
LM EDC Operating	LM EDC	ACU CD		0.6000	8/31/2017	8/31/2018	100,000.00	100.000	100,000.00	100,000.00	100.000	100,000.00	153	1.0000
1998 TWDB Sewer Rehab	Capital Projects Fund	DWS		1.8900			159,067.16	100.000	159,067.16	159,067.16	100.000	159,067.16	1	1.8900
2005 CO	Capital Projects Fund	TexPool		1.9953			120,781.25	100.000	120,781.25	120,781.25	100.000	120,781.25	1	1.9953
2007 CO	Capital Projects Fund	TexPool		1.9953			637,828.42	100.000	637,828.42	637,828.42	100.000	637,828.42	1	1.9953
2016 CO	Capital Projects Fund	Logic		2.2112			1,611,340.84	100.000	1,611,340.84	1,611,340.84	100.000	1,611,340.84	1	2.2112
2018 CO	Capital Projects Fund	Logic		2.2112			2,827,249.40	100.000	2,827,249.40	2,827,249.40	100.000	2,827,249.40	1	2.2112
Special Revenue Funds	Special Revenue Fund	DWS		1.8900			21,714.08	100.000	21,714.08	21,714.08	100.000	21,714.08	1	1.8900
Special Revenue Funds	Special Revenue Fund	TexPool		1.9953			33,858.09	100.000	33,858.09	33,858.09	100.000	33,858.09	1	1.9953
Special Revenue Funds	Special Revenue Fund	Logic		2.2112			322,468.29	100.000	322,468.29	322,468.29	100.000	322,468.29	1	2.2112
Library Memorial	Fiduciary Fund	Logic		2.2112			2,785.37	100.000	2,785.37	2,785.37	100.000	2,785.37	1	2.2112
Drug Seizure	Fiduciary Fund	Logic		2.2112			1,007.26	100.000	1,007.26	1,007.26	100.000	1,007.26	1	2.2112
							23,567,154.12		23,567,154.12	23,567,154.12		23,567,154.12	4	2.1446

I certified that the Quarterly Investment Report represents the investment position of City of La Marque as of September 30, 2018 to the best of my knowledge and all investments under the City's control have been and are in compliance with the Texas Public Funds Investment Act and the City's Investment Policy as adopted by City Council.

Investment Officer, CPFIM



City of La Marque, Texas

Quarter ended 9/30/18

Summary Data

Type Breakdown:	Book Value	Percent	Wtd Avg Mat	Wtd Avg Yield
LGIP	19,555,080.98	94.29%	1	2.177
MMKT	782,048.70	3.77%	1	1.810
CD	402,775.04	1.94%	197	0.750
	20,739,904.72	100.00%	5	2.136

Issuer Breakdown:	Book Value	Percent	Wtd Avg Mat	Wtd Avg Yield
Texas First	200,801.22	0.97%	241	0.600
ACU CD	100,000.00	0.48%	153	1.000
Amoco CD	101,973.82	0.49%	152	0.800
Money Market	35,815.22	0.17%	1	0.150
DWS	746,233.48	3.60%	1	1.890
Logic	19,289,402.94	93.01%	1	2.211
TexPool	3,092,927.44	14.91%	1	1.995
	23,567,154.12	113.63%	4	2.145

Fund Breakdown:	Book Value	Percent	Wtd Avg Mat	Wtd Avg Yield
General Fund	4,472,469.63	21.56%	1	2.174
Utility Fund	6,189,808.62	29.84%	1	2.179
Utility Fund (Restricted)	68,791.79	0.33%	1	2.174
Replacement Fund	415,061.00	2.00%	1	2.174
Capital Projects Fund	5,356,267.07	25.83%	1	2.171
Hotel Motel Fund	417,230.31	2.01%	1	2.174
Debt Service Fund	567,865.87	2.74%	1	2.174
LM EDC	5,697,826.74	27.47%	15	2.049
Special Revenue Fund	378,040.46	1.82%	1	2.173
Fiduciary Fund	3,792.63	0.02%	1	2.211
	23,567,154.12	113.63%	4	2.145

Maturity Breakdown:	Book Value	Percent
Less Than 90 Days	23,164,379.08	111.69%
90 to 180 Days	201,973.82	0.97%
181 to 365 Days	200,801.22	0.97%
More Than 365 Days	-	0.00%
	23,567,154.12	113.63%



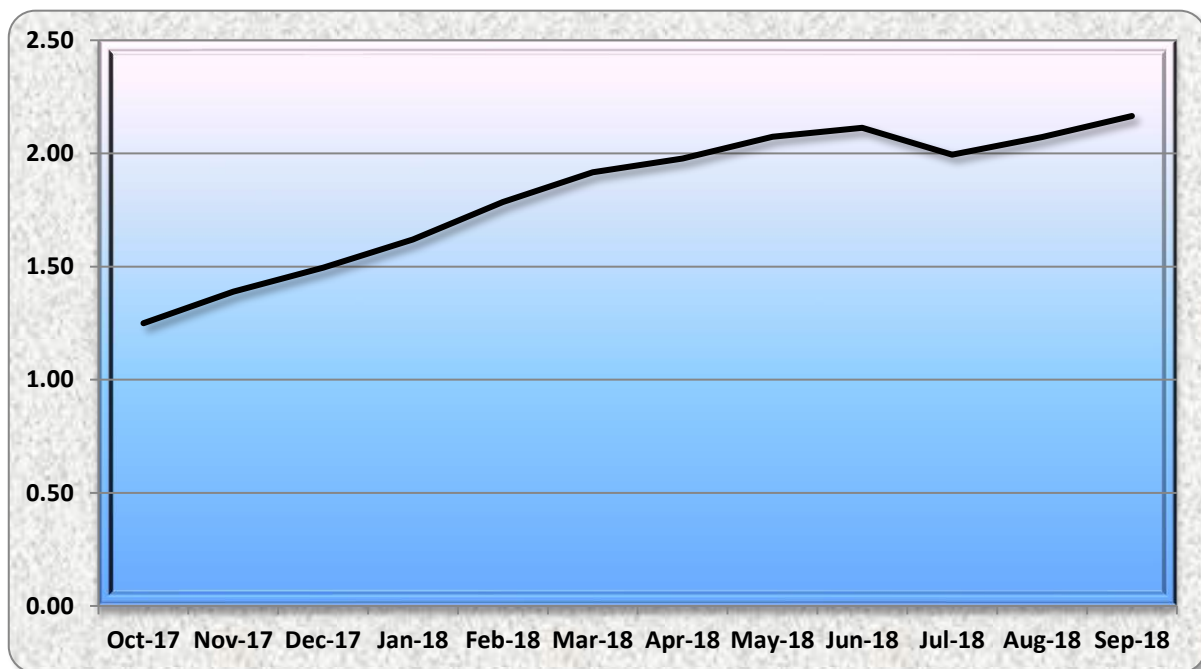
City of La Marque, Texas

Summary Investment Report For Period Ended 9/30/2018

Total Portfolio Summary			
	Current Quarter 9/30/2018	Prior Quarter 6/30/2018	Change From Prior
Book Value	23,567,154	23,035,709	531,445
Market Value	23,567,154	23,035,709	531,445
Market Value%	100.00%	100.00%	0.00%
Weighted Average Maturity - Days	4 days	4 days	0 days
Weighted Average Yield	2.14%	2.03%	0.11%

Portfolio Performance Summary	
Beginning Book Value	23,035,709
Beginning Market Value	23,035,709
Beginning WAM	4 days <i>Liquidity measurement</i>
Ending Book Value	23,567,154
Ending Market Value	23,567,154
Change in market value	531,445 <i>Volatility measurement</i>
Ending WAM	4 days <i>Liquidity measurement</i>
Period Average Yield	2.14%
Period Average Benchmark	2.08%

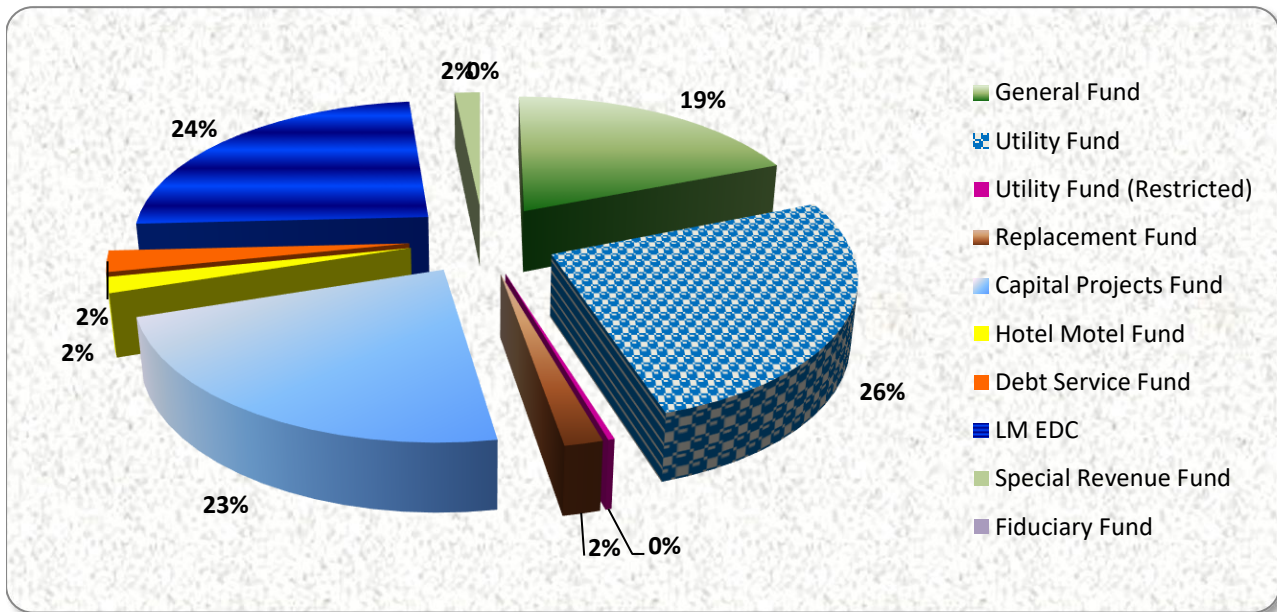
6-Month T-Bill Historical Trend





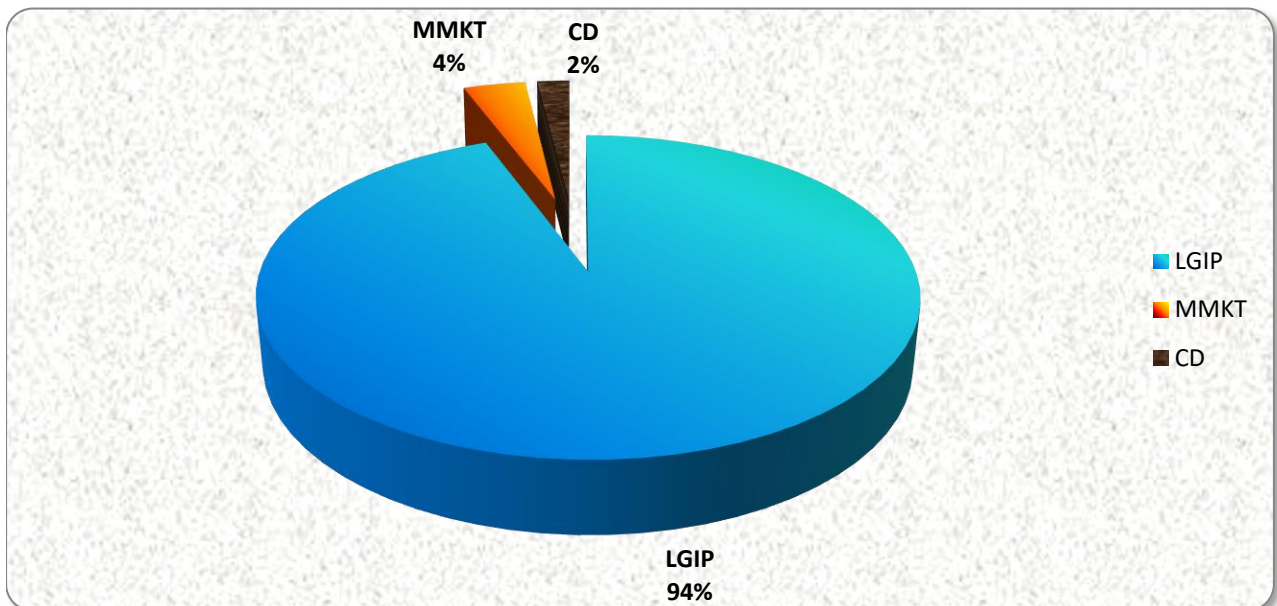
Investment Portfolio by Funds

As of 9/30/2018



Investment Portfolio by Types

As of 9/30/2018



Fiscal Years 2018 and 2017 Comparison

Funds	FY 2017	FY 2018	Change
01	59,858.89	78,319.70	18,460.81
02	53,143.63	148,059.85	94,916.22
03	822.31	1,326.02	503.71
05	4,923.85	8,000.68	3,076.83
06	29.70	49.53	19.83
10	5,880.98	8,164.82	2,283.84
12	400.74	711.31	310.57
15	8,337.85	10,871.09	2,533.24
19	33,786.59	66,270.54	32,483.95
30	330.02	378.98	48.96
45	1,928.75	1,839.14	(89.61)
46	4,333.98	9,712.50	5,378.52
47	80,080.17	58,260.50	(21,819.67)
63	1,993.79	2,266.59	272.80
65		2,249.40	2,249.40
81	316.54	412.35	95.81
82	200.02	322.52	122.50
83	620.06	952.11	332.05
84	279.97	451.43	171.46
85	150.02	241.88	91.86
87	371.35	515.76	144.41
88	627.46	1,156.65	529.19
89	38.07	32.89	(5.18)

258,454.74

400,566.24

\$142,111.50

***Additional interest
revenues FY 2018***



CITY COUNCIL AGENDA FORM

Meeting Date: January 14, 2019

Prepared by: Robin Eldridge

Department: City Clerk

Agenda item: 6e

Reviewed by: Charlene Warren

AGENDA ITEM DESCRIPTION: Discussion/possible action adopting Resolution No. **R-2019-001**, for tax assessment and collection services by the Galveston County Assessor/Collector of taxes.

☒

ATTACHMENTS FOR REFERENCE

1. Resolution
2. Letter from Galveston County Tax Assessor/Collector
3. Current agreement

STAFF BRIEFING:

- In 2015, the City adopted Resolution No. O-2015-0018 allowing continued services from the County unless and until Council decides to terminate the services, which must be done by resolution any time deemed necessary.
- The proposed Resolution will allow continued services from the County with a reduced Assessment and Collection fee change

HISTORY:

- The City has been using Galveston County Tax Assessor/Collector to perform tax assessment and collection services for many years.

TARGET IMPLEMENTATION: January 14, 2019

SIGNIFICANT ACTION DATES:

6.8.2015 - City Council approved a Resolution allowing the continuation of services to be provided by the County

12.21.2018 - Received letter from the County reporting a reduction in cost for services

ACTION:

- | | |
|--|--|
| ☐ Ordinance | ☒ Resolution |
| ☐ Special Presentation | ☐ Proclamation |
| ☐ Finance Report | ☐ Public Hearing |
| ☒ Other | |
| ☒ Mark if this item does not conflict with any Resolution, Ordinance or City Charter, policies, procedures | |

Cost Details:

Budgeted	\$4,000.00
Actual Bid	
Estimated Expenditure	\$2,104.00
Acct. Name(s)	Tax assessor fee
Line Item #	01-4040-02-03
Other Funding	



CITY COUNCIL AGENDA FORM

STAFF'S RECOMMENDATION: Motion to adopt Resolution No. **R-2019-001**, for tax assessment and collection services by the Galveston County Assessor/Collector of taxes.

FISCAL IMPACT: \$2,104.00

RESOLUTION NO. R-2019-001

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LA MARQUE, TEXAS, AND GALVESTON COUNTY REGARDING TAX ASSESSMENT AND COLLECTION SERVICES

WHEREAS, the Texas Property Tax Code, Section 6.22(c) allows the governing body of a taxing unit authorized to have its own assessor and collector, by official action in the manner required by law, to require the county to assess and collect the taxes the unit imposes in the county in the manner in which the county assess and collect its taxes. It further allows the governing body of the unit to revoke the requirement at any time by the same official action.

WHEREAS, the Texas Property Tax Code, Section 6.23(a)(3) affirms the county assessor and collector shall assess and collect taxes on property in the county for the county and shall also assess and collect taxes on property for another taxing unit if the governing body of the unit requires the county to assess and collect its taxes.

WHEREAS, the Texas Property Tax Code, Section 6.27(b) provides that the county assessor collector is entitled to a reasonable fee that may not exceed the actual costs incurred for assessing and collecting taxes for a taxing unit pursuant to Section 6.23 (a)(3).

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF LA MARQUE, TEXAS, that:

1. The City of La Marque requires Galveston County Assessor and Collector off Taxes to perform assessment and collection duties as permitted by the Texas Property Code 6.22(c) and 6.23(a)(3).
2. The City of La Marque acknowledges that assessment and collection services will be performed as outlined in Exhibit A, Assessment & Collection Services, for a fee of \$0.21 per parcel for properties located in Galveston County and \$0.97 per parcel for properties located in Harris County, as appropriate and as approved by Galveston County Commissioners Court at a properly noticed regular meeting held on December 3, 2018. Billing to occur by March 10th and due payable no later than April 30th each year (unless otherwise negotiated).
3. Notice of any increase in fee is required by April 1, of each year.

PASSED, APPROVED AND ADOPTED by City Council of the City of La Marque this _____ day of _____, 2019.

CITY OF LA MARQUE, TEXAS

Bobby Hocking
Mayor

ATTEST:

Robin Eldridge, TRMC
City Clerk

APPROVED AS TO FORM:

Ellis Ortego, City Attorney



Cheryl E. Johnson, PCC
Assessor and Collector of Taxes
County of Galveston
722 Moody Avenue, Galveston, Texas 77550
Toll Free (877) 766-2284 Fax: (409) 766-2479
Email: galcotax@co.galveston.tx.us



December 18, 2018

Ms. Robin Eldridge, City Clerk
City of La Marque
1111 Bayou
La Marque, Texas 77568

Re: Assessment & Collection Fee Change

Dear Ms. Eldridge:

I am pleased to report a reduction in cost for services provided by the Galveston County Tax Office beginning in 2019!

Section 6.27(b) of the Texas Property Tax Code provides that "...the county assessor-collector is entitled to a reasonable fee, which may not exceed the actual costs incurred, for assessing and collecting taxes for a taxing unit..." Although the Code defines many processes, it is silent with regard to the calculation of this fee. Thus, shortly after taking office in 2005, my leadership team and I devised what we believe is an appropriate methodology which is to determine what we would do differently if only assessing and collecting taxes for the County. Knowing we are a much streamlined organization, I then examine our current staffing and attribute additional existing positions plus equipment costs to entity services. These total costs are divided among the total number of entity parcels to develop the necessary fee to cover them. For our partners with boundaries extending into Harris County, I estimate the actual hard cost of providing services (primarily printing and postage). Numbers are reviewed with the County Auditor and, if a change exceeding \$0.05 is appropriate, seek ratification by Commissioners.

On December 3, 2018, a revised fee was presented and ratified by County Commissioners of \$0.21 for Galveston County and \$0.97 for Harris County parcels. These represent a reduction of \$0.046 and \$0.04 respectively. Enclosed is a revised Resolution reflecting these changes. Please present to your governing board and return via USPS or electronic mail (cheryl.e.johnson@co.galveston.tx.us).

Lastly - beginning this year, we will be billing only once - in March. Should this create a hardship, please let me know. The time (and postage costs) saved helped make this fee reduction possible.

Happy New Year!

Sincerely,

Cheryl E. Johnson, PCC

Assessment & Collection Services

1. Assess and collect appropriate taxes and fees including preparing and mailing a consolidated tax statement to each property owner owing in excess of \$10⁰⁰ on or before October 20th of each calendar year, or as soon thereafter as practicable, and collect current and delinquent taxes on parcels within the jurisdictional boundary of the entity
 - a) In the event that either County or Taxing Entity fails to adopt and enact a tax rate prior to the later of October 1st or the 60th day after the date the certified appraisal roll is received by the taxing unit, the tax rate for County or Taxing Entity shall be determined in accordance with Section 26.05(c) of the Texas Property Tax Code so that consolidated tax statements may be prepared for mailing. Neither the County nor Assessor Collector shall be liable to Taxing Entity for damages sustained by Taxing Entity due to County or Assessor Collector's failure to comply with the provisions of this paragraph.
 - b) Assessor Collector may prepare and deliver separate tax bills for Taxing Entity if it has not adopted its tax rate by October 1st or the 60th day after the date the certified appraisal roll is received by the taxing unit. If Taxing Entity has not adopted its tax rate by such date, and if separate bills are prepared and delivered, Taxing Entity shall pay the additional costs incurred by Assessor Collector in preparing and mailing these separate bills.
2. Assess and collect appropriate taxes and fees on supplemental and name and address changes, provide receipts to customers upon request, prepare and send February, May (33.07) and September (33.08) notices
3. Disburse daily to the entity and provide requested reports, including daily or monthly collection reports, as requested, showing receipt of all current and delinquent taxes, penalties, interest, fees collected and tax receivables due by County on the entity's behalf
4. When appropriate, refund overpayment of taxes on entity's behalf and withhold the amount of the refund from current collections and report on same
5. Process penalty and interest waiver requests (through Commissioners Court)
6. Upon request, provide the most recent assessed values of taxable property received from the appraisal district(s) for the entity, load and balance same into the County's tax collection software system
7. In partnership with the entity, develop a schedule for the publication of tax rates, prepare publications, obtain entity approvals for such, and submit, as required by law in a newspaper of general circulation (or direct mail to property owners, whichever is least costly)
8. Calculate the effective and rollback tax rates and provide to entity in a timely manner and in accordance with Tax Code requirements
9. Invoice entity for tax rate notice publications or mailings and collect publication or mailing costs
10. Upon request, provide estimates of current and total tax collection rates

11. Institute collection suits on behalf of entity of delinquent taxes as appropriate with entity's delinquent attorney
12. Remit appropriate taxes, penalty and interest to Taxing Entity as specified by property owner (if payable to Taxing Entity then fully to Taxing Entity) and remit fees each month to entity's delinquent attorney
13. Upon request, provide a copy of the annual master tax roll of entity showing all current and delinquent taxes owing by parcel number in electronic format
14. Provide or make available for inspection upon request, any other information affecting the collection of entity's taxes for the purpose of administration, auditing, reporting or any such legitimate business purpose
15. Respond to inquiries, correspondence, and requests for research or information on the tax accounts of each entity or reports requested by audit firms
16. Conduct payment research
17. The cost of additional services that may be necessary (e.g. services associated with a rollback or tax ratification election) will be determined on the same basis and methodology used to calculate assessment and collection fees. In the event said election occurs, all parties shall work together to ensure Taxing Entity is able to comply with the requirements imposed upon it. Taxing Entity refunds due to property owners as a result of a rollback shall be withheld from then current collections. Taxing Entity agrees to reimburse County the cost of such additional services within 30 days of receipt of an invoice from Assessor Collector.
18. In the event Taxing Entity determines it is in its best interest to re-establish its own tax collection efforts or to engage another taxing entity to collect taxes on its behalf, Taxing Entity agrees to reimburse County its actual cost, if any, for transferring this information upon receipt of an invoice from Assessor Collector.



CITY COUNCIL AGENDA FORM

Meeting Date: January 14, 2019

Prepared by: Suzy Kou

Department: Finance

Agenda item: 6f

Reviewed by: Charlene Warren

AGENDA ITEM DESCRIPTION: Discussion/possible action regarding adopting Ordinance No. O-2019-001, amending the fiscal year 2017-18 Budget for General Fund, PIDs, Sanitation Fund, Capital Improvement Fund, Disaster Fund, and special (restricted) revenue and related expenditure funds by increasing (decreasing) certain revenues and increasing (decreasing) certain expenditures to individual budget accounts in certain funds as set forth in attached Exhibit "A". **THIS IS THE FIRST READING**

☒

ATTACHMENTS FOR REFERENCE

1. Ordinance
2. Exhibit A

STAFF BRIEFING:

- August 25, 2017, due to Hurricane Harvey, the City incurred unanticipated expenditures for damage repairs of equipment and facilities.
- During the fiscal year, the City received and expended PID transactions which require appropriations before year end.
- In August, the City issued 2018 CO for assets acquisition and capital projects.
- During the fiscal year, the City incurred impact study fees for June - September 2018.
- During the year, the City had a few unanticipated expenditures in special revenue funds which were not included in the budget at point of adoption.
- The ordinance is to amend the budget administratively and to match with actual approved expenditures.
- All capital expenditures exceeding \$25,000 have been individually approved by Council during the fiscal year.

TARGET IMPLEMENTATION: February 11, 2019

SIGNIFICANT ACTION DATES:

January 14, 2019 - First reading of the ordinance

February 11, 2019 - Second reading of the ordinance



CITY COUNCIL AGENDA FORM

ACTION:

- | | |
|--|---|
| ☒ Ordinance | ☐ Resolution |
| ☐ Special Presentation | ☐ Proclamation |
| ☐ Finance Report | ☐ Public Hearing |
| ☐ Other | |
| ☒ Mark if this item does not conflict with any Resolution, Ordinance or City Charter, policies, procedures | |

Cost Details:

Budgeted	-0-
Actual Bid	
Estimated Expenditure	See Exhibit A
Acct. Name(s)	See Exhibit A
Line Items #	See Exhibit A
Other Funding	

STAFF'S RECOMMENDATION: Motion to adopt Ordinance No. **O-2019-001**, amending the fiscal year 2017-18 Budget for General Fund, PIDs, Sanitation Fund, Capital Improvement Fund, Disaster Fund, and special (restricted) revenue and related expenditure funds by increasing (decreasing) certain revenues and increasing (decreasing) certain expenditures to individual budget accounts in certain funds as set forth in attached Exhibit "A". **THIS IS THE FIRST READING**

FISCAL IMPACT: See Exhibit "A"

ORDINANCE O-2019-001

AN ORDINANCE AMENDING THE CITY OF LA MARQUE 2017-2018 BUDGET FOR VARIOUS EXPENDITURES AT END OF FISCAL YEAR BY INCREASING/DECREASING VARIOUS FUNDS' FUND BALANCES AND INCREASING CERTAIN EXPENDITURES TO INDIVIDUAL BUDGET ACCOUNTS IN VARIOUS FUNDS AND INCREASING CERTAIN REVENUES IN VARIOUS FUNDS AS SET FORTH IN ATTACHED EXHIBIT "A" BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF LA MARQUE, TEXAS;

Section 1. That the City La Marque 2017-2018 Fiscal Year Budget is hereby amended for various expenditures at end of fiscal year by increasing/decreasing various funds' fund balances and increasing certain expenditures to the individual budget accounts in various funds and increasing certain revenues in various funds as set forth in Exhibit "A" attached hereto and made a part hereof.

Section 2. Open Meetings Act. It is hereby officially found and determined that the meeting at which this ordinance was passed was open to the public as required and that public notice of the time, place and purpose of said meeting was given as required by the Open Meetings Act, *Chapter 551, Tex. Gov't Code*.

PASSED AND APPROVED by City Council of the City of La Marque, Texas, on this the first reading this the ____ day of _____, 2019.

PASSED, APPROVED and ADOPTED by City Council of the City of La Marque, Texas, on this the second and final reading this the ____ day of _____, 2019.

CITY OF LA MARQUE, TEXAS

Bobby Hocking, Mayor

ATTEST:

Robin Eldridge, TRMC
City Clerk

APPROVED AS TO FORM:

Ellis J. Ortego, City Attorney

EXHIBIT A

FY 2017-18

Accounts		Expenditure	Revenue	Fund Balance	Reasons
17-4040-00-00	PID developers payments	20,000.00			PIDs payment to developers
21-4040-00-00	PID developers payments	5,000.00			PIDs payment to developers
22-4040-00-00	PID developers payments	20,000.00			PIDs payment to developers
23-4040-00-00	PID developers payments	200,000.00			PIDs payment to developers
17-2401-00-00	Fund Balance			-20,000.00	PIDs payment to developers
21-2401-00-00	Fund Balance			-5,000.00	PIDs payment to developers
22-2401-00-00	Fund Balance			-20,000.00	PIDs payment to developers
23-2401-00-00	Fund Balance			-200,000.00	PIDs payment to developers
63-6024-14-00	Sanitation expenditure	410,000.00			WM cost adjustment
63-6028-14-00	Sanitation expenditure	70,000.00			WM cost adjustment
63-6031-14-00	Sanitation expenditure	200,000.00			WM cost adjustment
63-2401-00-00	Sanitation Fund Balance			-680,000.00	Fund Balance
65-3801-00-00	Bond proceeds		6,009,850.00		2018 CO proceeds
65-7001-12-00-BLGABC	Capital Project expenditure	3,000,000.00			ABC buildings
65-2401-00-00	Fund Balance			3,009,850.00	Fund Balance
70-6110-14-02-00	Harvey debris expenditure	14,000.00			Harvey related expenditures
70-3040-22-02	Harvey repairs expenditure	14,000.00			Harvey related expenditures
70-3020-24-02	Harvey repairs expenditure	2,400.00			Harvey related expenditures
70-3040-24-02	Harvey repairs expenditure	7,600.00			Harvey related expenditures
70-2401-00-00	Disaster Fund Fund Balance			-38,000.00	Fund Balance
83-7020-04-00	Court project expenditure	22,000.00			Remodel Court offices
83-2401-00-00	Fund Balance			-22,000.00	Fund Balance
87-4041-01-00	Program expenditure	3,400.00			Paint the Town program
87-2401-00-00	Fund Balance			-3,400.00	Fund Balance
01-4040-03-00	Professional Services	26,955.00			Impact fees study from ARKK June-Sept 2018
01-3312-00-00	Building Permits revenues		26,955.00		Additional building permits revenues received



CITY COUNCIL AGENDA FORM

Meeting Date: January 14, 2019

Prepared by: Charlene Warren

Department: Administration

Agenda item: 8a

Reviewed by: Charlene Warren

AGENDA ITEM DESCRIPTION: Discussion/possible action regarding adopting Ordinance No. **O-2018-0017**, waiving registration fees for the rental registration program until December 31, 2018 and approval of an updated brochure and registration forms for the rental registration program. **THIS IS THE SECOND AND FINAL READING**

☒

ATTACHMENTS FOR REFERENCE

1. Ordinance
2. Revised Rental Registration flyer
3. Rental Registration form

STAFF BRIEFING:

- At the June 11, 2018 Council meeting, Council adopted Ordinance No. O-2018-005, adding to Chapter 14, Buildings and Building Regulations, a new Article XI, entitled "Registration of Residential Rental Units Required," providing rules and regulations governing same within the City.
- In a subsequent discussion with Mayor Pro-Tem Bell, various City staff, and special legal counsel, it was suggested to waive registration fees for those landlords who complete registration prior to December 31, 2018, as a means to encourage compliance with the new ordinance.
- An ordinance is required to waive these fees.
- Special legal counsel has reviewed and approved this ordinance.
- City Attorney has been included on emails.
- The revised rental registration flyer and registration form are attached for consideration and approval.

TARGET IMPLEMENTATION: December 10, 2018

SIGNIFICANT ACTION DATES:

5.14.2018 - First Reading of Ordinance O-2018-005

6.11.2018 - Second and Final Reading of Ordinance O-2018-005

11.12.2018 - First Reading of Ordinance O-2018-0017

1.14.2019 - Second reading and Public Hearing of Ordinance O-2018-0017



CITY COUNCIL AGENDA FORM

ACTION:

- | | |
|--|---|
| ☒ Ordinance | ☐ Resolution |
| ☐ Special Presentation | ☐ Proclamation |
| ☐ Finance Report | ☐ Public Hearing |
| ☐ Other | |
| ☒ Mark if this item does not conflict with any Resolution, Ordinance or City Charter, policies, procedures | |

Cost Details:

Budgeted	
Actual Bid	
Estimated Expenditure	
Acct. Name(s)	
Line Items #	
Other Funding	

STAFF'S RECOMMENDATION: Motion to adopt Ordinance No. **O-2018-0017**, waiving registration fees for the rental registration program until December 31, 2018 and approval of an updated brochure and registration forms for the rental registration program. **THIS IS THE SECOND AND FINAL READING**

FISCAL IMPACT: N/A

ORDINANCE NO. O-2018-0017

AN ORDINANCE AMENDING THE CODE OF ORDINANCES OF THE CITY OF LA MARQUE, TEXAS, AMENDING CHAPTER 14, BUILDINGS AND BUILDING REGULATIONS, ARTICLE XI, ENTITLED "REGISTRATION OF RESIDENTIAL RENTAL UNITS REQUIRED", SECTION 14-425, "REGISTRATION FEES," BY WAIVING THE REGISTRATION FEE FOR OWNERS OF RENTAL UNITS REGISTERED PRIOR TO DECEMBER 31, 2018.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF LA MARQUE, TEXAS:

Section 1. That Section 14-425, "Registration Fees," Article XI, "Registration of Residential Rental Units Required," Chapter 14, "Buildings and Building Regulations," of the Code of Ordinances, City of La Marque, Texas, is hereby amended as follows:

"Sec. 14-425. Registration Fees.

(1) Each registration shall include a registration fee of \$100.00 for the first rental unit and \$20.00 per additional rental unit. The registration fee shall be waived for the owner of any rental unit that completes registration prior to December 31, 2018.

(2) A registration is valid for one year from the date the completed registration form is filed in the office of the code enforcement officer, and payment of the registration fee for that year has been made, unless the ownership of the rental unit changes.

(3) A registration is not assignable or transferable. If a change of ownership of the rental unit occurs during the period that a registration is otherwise valid, the new owner of the property shall have 30 days from the date the change of ownership occurred to file a new registration with the code enforcement officer, and pay a new registration fee."

Section 2. In the event any clause, phrase, provision, sentence, or part of this Ordinance or the application of the same to any person or circumstance shall for any reason be adjudged invalid or held unconstitutional by a court of competent jurisdiction, it shall not affect, impair, or invalidate this Ordinance as a whole or any part or provision hereof other than the part declared to be invalid or unconstitutional; and the City Council of the City of La Marque, Texas, declares that it would have passed each and every part of the same notwithstanding the omission of any such part thus declared to be invalid or unconstitutional, whether there be one or more parts.

Section 3. This ordinance is intended to be cumulative and shall not repeal any previous ordinance except to the extent that any provision of such ordinance is inconsistent and cannot be reconciled with any provision contained herein.

Section 4. This ordinance shall be effective immediately upon the Second and Final reading and adoption by the City Council of La Marque.

PASSED AND APPROVED by the City Council of the City of La Marque on the First reading the **12th** day of **November** 2018.

PASSED, APPROVED AND ADOPTED by the City Council of the City of La Marque on the Second and Final reading this the _____ day of _____, 2019.

CITY OF LA MARQUE, TEXAS

Bobby Hocking
Mayor

ATTEST:

Robin Eldridge, TRMC
City Clerk

APPROVED AS TO FORM:

Ellis J. Ortego
City Attorney

LA MARQUE

Rental Registration

The City of La Marque Code Compliance Division will be implementing this new program and has created a guide to help tenants, landlords and the community understand the new ordinance.

The purpose of La Marque's Rental Registration Program is to provide tenants of rental properties in La Marque with a direct point of contact to submit complaints about substandard rental units, and to provide the Code Compliance Division with contact information for landlords in order to maintain open communication with the City to more quickly address complaints and code violations prior to the issuance of citations. The goal is to maintain attractive, safe and healthy homes for residents and visitors in our city. Through education and enforcement, Code Compliance Division staff will begin the process of registering every rental property in La Marque. Registration will be required annually.

By working together, we can keep La Marque a wonderful place to live and raise a family. For information, visit code.cityoflamarque.org or pick up a brochure at City Hall, 1111 Bayou Road.

Thank you,

LA MARQUE CODE COMPLIANCE



REACH OUT



City of La Marque
Code Compliance Division
1111 Bayou Road
La Marque, Texas 77568



409-938-9202



code.cityoflamarque.org

City of La Marque

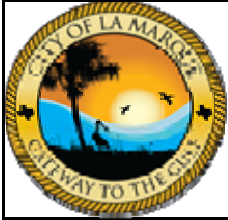


RENTAL REGISTRATION PROGRAM

Code Compliance promotes and maintains a safe and desirable living and working environment for La Marque residents and business owners. We encourage all landlords and tenants to educate themselves on the Rental Registration Program and current city codes.



|||||



Registration Fee: \$100.00

Each Add'l Unit: \$20.00

CITY OF LA MARQUE MULTI-FAMILY/ RESIDENTIAL RENTAL REGISTRATION APPLICATION

☐	Please check if there has been a change in occupancy or tenants since the last registration date.
☐	Please check if this property is owner occupied but has individual rooms rented.
☐	Please check if this property is Section 8 or approved for Galveston County housing assistance.

Rental Unit Address			
Primary Tenant Name			
Tenant's Phone			
Move-in Date		Number of Occupants	

Please complete the appropriate information below:

INDIVIDUAL OWNER SECTION

Owner's Name:			
Owner's Address			
Owner's Email			
Owner's Phone		Work #	

CORPORATE OWNER SECTION

Partnership/Company Name			
Please list the name, business address and phone number of each partner or company			

CORPORATION

Corporation Name					
Is this a Foreign Corporation?	☐	YES	☐	NO	Place of Incorporation
Incorporated under The State of Texas Laws?	☐	YES	☐	NO	
Mailing Address					
Business Location					
Local Agent/Person in Charge					
Email Address				Phone Number	
List the Names of all Officers/Directors/Trustees					

PROPERTY MANAGEMENT COMPANY/LOCAL EMERGENCY CONTACT

Name				
Address				
Email				
Phone Number			After Hours Phone Number	

Signature of Owner/Agent	Date:
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Mail To: City of La Marque - Code Compliance Division 1111 Bayou Road La Marque, Texas 77568	FEES PAID: \$ _____ DATE PAID: _____
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CITY COUNCIL AGENDA FORM

Meeting Date: January 14, 2019

Agenda item: 8b

Prepared by: Deck Shaver/D. Ho

Reviewed by: Charlene Warren

Department: Public Svcs./Adico

AGENDA ITEM DESCRIPTION: Discussion/possible action regarding adopting Ordinance No. **O-2018-0018**, accepting the City of La Marque Engineering Design Criteria Manual prepared by Adico LLC Consulting Engineers. **THIS IS THE SECOND AND FINAL READING**

☒

ATTACHMENTS FOR REFERENCE

1. Ordinance
2. Proposed City of La Marque Engineering Design Criteria Manual

STAFF BRIEFING:

Per Dinh V. Ho, P.E., City Consulting Engineer:

- The City of La Marque is experiencing considerable development throughout its jurisdiction. This includes development both inside the City Limits and within the City's Extraterritorial Jurisdiction (ETJ).
- It is, therefore, important for the City Council to approve a policy that sets out the procedures for the design, inspection, approval and acceptance of public infrastructure within its jurisdiction.
- These policies and procedures apply to design and construction in both subdivisions and commercial sites where it is anticipated that connections to the public infrastructure will be made, and where the infrastructure will be conveyed, either upon completion or in the future, to the City of La Marque for operation and maintenance.
- These procedures are designed so the developers, engineers and contractors will know both the criteria and procedures to be followed and the costs for the required reviews and inspections in advance.
- It is important that all publicly accepted, operated and maintained infrastructure constructed within its city limits and ETJ be compliant with the City's standards and requirements. It is anticipated that even if the City does not accept the infrastructure for immediate operation and maintenance, it may eventually.

HISTORY:

6.16.2018 - City Manager authorized Adico Engineers LLC, consulting City Engineers to prepare an Engineering Design Criteria Manual.

12.10.2018 - Council approved on First Reading

TARGET IMPLEMENTATION: January 14, 2019



CITY COUNCIL AGENDA FORM

SIGNIFICANT ACTION DATES:

September 2018 - Draft Engineering Design Criteria delivered to City staff for review.

October 2018 - Adico Engineers, LLC addressed staff review comments and prepared final version of proposed Engineering Design Criteria Manual.

November 12, 2018 - Item presented to Council and tabled.

ACTION:

- | | |
|--|---|
| ☒ Ordinance | ☐ Resolution |
| ☐ Special Presentation | ☐ Proclamation |
| ☐ Finance Report | ☐ Public Hearing |
| ☐ Other | |
| ☒ Mark if this item does not conflict with any Resolution, Ordinance or City Charter, policies, procedures | |

Cost Details:

Budgeted	
Actual Bid	\$14,500.00
Estimated Expenditure	\$14,500.00
Acct. Name(s)	Professional services
Line Item #	01-4040-12-00; 02-4040-22-00
Other Funding	

STAFF'S RECOMMENDATION: Motion to adopt Ordinance No. **O-2018-0018**, accepting the City of La Marque Engineering Design Criteria Manual prepared by Adico LLC Consulting Engineers. **THIS IS THE SECOND AND FINAL READING**

FISCAL IMPACT: Expenditure of \$14,500.00 from Professional Services – Streets and Water/Wastewater Maintenance Departments.

ORDINANCE NO. O-2018-0018

AN ORDINANCE OF THE CITY OF LA MARQUE, TEXAS, ADOPTING THE LA MARQUE ENGINEERING DESIGN CRITERIA MANUAL; REQUIRING COMPLIANCE; PROVIDING FOR DENIAL OR REVOCATION OF APPROVAL AND PERMITS DUE TO NONCOMPLIANCE; PROVIDING FOR OTHER REGULATIONS AND REQUIREMENTS; PROVIDING A PENALTY NOT TO EXCEED \$500 FOR EACH VIOLATION; PROVIDING FOR SEVERABILITY; AND MAKING OTHER PROVISIONS RELATED TO THE SUBJECT.

WHEREAS, the City of La Marque, Texas (the “City”) is a home rule municipality organized under the Constitution and the laws of the State of Texas; and

WHEREAS, the City’s charter provides that it may exercise all powers of local self-government and powers granted to home rule cities by State law; and

WHEREAS, the City Council wishes to adopt uniform engineering design standards to provide for the orderly development of land; and

WHEREAS, the City Council has determined that adopting these standards is in the best interest of the public health, safety and general welfare of the citizens of the City;

NOW THEREFORE BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF LA MARQUE, TEXAS:

Section 1. Adoption of Engineering Design Criteria Manual.

The attached City of La Marque Engineering Design Criteria Manual (the “Engineering Design Criteria Manual” or “Design Criteria Manual”) is hereby adopted, and the regulations and provisions therein stated are hereby established. Any reference in any other ordinance, policy, or other source to an engineering design criteria manual or design criteria manual of the City of La Marque shall refer to the attached City of La Marque Engineering Design Criteria Manual, as amended from time to time. Any reference herein to “this Ordinance” or similar terms shall also include the Engineering Design Criteria Manual hereby adopted, and that manual is a part of this ordinance.

Section 2. Compliance Required.

Any construction, planned construction, or plans for which a permit or approval from the City of La Marque is required, and such permit is issued after the effective date of this ordinance, must be done in compliance with the Design Criteria Manual, according to its terms.

Section 3. Denial or Revocation of Permits for Approval.

The failure of any plans, construction, or planned construction to comply with Design Criteria Manual shall be grounds for the City to deny or revoke any approval or permit from the City concerning such plans, construction, or planned construction.

Section 4. Conflict with Other Requirements.

The attached Engineering Design Criteria Manual replaces the prior Engineering Design Criteria Manual of the City. Otherwise, the attached Engineering Design Criteria Manual is cumulative of all requirements from any other source and shall not authorize noncompliance with any other regulation or requirement from any source. In the event of any conflict in terms, the stricter requirement shall govern and control.

Section 5. Offenses, Penalties, and Remedies.

a. Any person who participates in any violation of any provision of this Ordinance shall be deemed guilty of a misdemeanor and, upon conviction, shall be fined in an amount not to exceed \$500.00. Each day or portion of a day a violation continues, occurs, or recurs shall constitute a separate offense.

b. The City shall have the right to enforce this ordinance by injunction and by other actions in a civil court and/or by any and all remedies from any and all sources.

c. All rights and remedies of the City provided in this ordinance shall be cumulative of all other rights and remedies provided herein, by other ordinances, or by any source.

d. The exercise of any right or remedy by the City shall not be construed as an election of remedies and shall not impair any other right or remedy of the City. The City may exercise any right or remedy herein either alone or together with any other right or remedy under this ordinance, any other ordinance, or any applicable law. Without limiting the generality of the foregoing, pursuing or receiving any civil remedy for any violation of this ordinance shall not preclude the pursuit or receipt of any criminal penalty for any violation hereof.

Section 6. Severability.

In the event any clause, phrase, provision, sentence, or part of this Ordinance or the application of the same to any person or circumstance shall for any reason be adjudged invalid or held unconstitutional by a court of competent jurisdiction, it shall not affect, impair, or invalidate this Ordinance as a whole or any part or provision hereof other than the part declared to be invalid or unconstitutional; and the City

Council of the City of La Marque, Texas, declares that it would have passed each and every part of the same notwithstanding the omission of any such part thus declared to be invalid or unconstitutional, whether there be one or more parts.

Section 7. Repeal.

This ordinance is intended to be cumulative and shall not repeal any previous ordinance except to the extent that any provision of such ordinance is inconsistent and cannot be reconciled with any provision contained herein.

Section 8. Effective Date.

This ordinance shall be effective immediately upon adoption and publication of this ordinance or a caption that summarizes the purpose of this ordinance and the penalty for violating this ordinance in every issue of the official newspaper for two days, or one issue of the newspaper if the official newspaper is a weekly paper, in accordance with Section 52.011 of the Texas Local Government Code.

PASSED AND APPROVED by the City Council of the City of La Marque on First reading on the 10th day of December 2018.

PASSED, APPROVED AND ADOPTED by the City Council of the City of La Marque on second and final reading on the ____ day of _____, 2019.

CITY OF LA MARQUE, TEXAS

Bobby Hocking, Mayor

ATTEST:

Robin Eldridge, City Clerk

APPROVED AS TO FORM:

Ellis J. Ortego, City Attorney

CITY OF LA MARQUE, TEXAS



ENGINEERING DESIGN CRITERIA MANUAL

Prepared by:

Adico, LLC – Consulting Engineers

Adopted by the La Marque City Council

Date: _____

**CITY OF LA MARQUE
GALVESTON COUNTY, TEXAS**

ENGINEERING DESIGN CRITERIA MANUAL

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CITY OF LA MARQUE

CHAPTER 1

GENERAL REQUIREMENTS

CHAPTER 1 – GENERAL REQUIREMENTS

1.1 GENERAL

- 1.1.1 This Manual describes the general requirements for the preparation of construction plans and the supporting documents required for submittal and approval by the City of La Marque. Specific design requirements, in addition to these standards, may be required by the City of La Marque.
- 1.1.2 Construction plans for public or private improvements within La Marque city limits shall be approved by the City of La Marque and applicable Drainage District. Construction plans for public or private improvements within the City of La Marque extraterritorial jurisdiction (ETJ) shall be reviewed and approved by the City of La Marque, Galveston County Engineering Department, respective Municipal Utility Districts, and applicable Drainage District.
- 1.1.3 All projects that are required to conform to these Standards shall also comply with all applicable City of La Marque ordinances.
- 1.1.4 All construction plans and supporting documentation shall conform to the requirements of these Standards and regulations of all Federal, State, County, and any other entities having jurisdiction.

1.2 PRELIMINARY RESEARCH

- 1.2.1 Personnel from the City will be available for preliminary development meetings to discuss a proposed project with the project engineer and/or developer, if requested. This preliminary meeting between the City and the engineer/developer should be scheduled with the City Development Coordinator before submittal of any documents for review.
- 1.2.2 Research of all existing utility and right-of-way information with City, County, State, and other public and private utility agencies shall be completed and documented prior to submittal of any plans to the City.

1.3 FEES

- 1.3.1 All plan and plat review fees shall be paid at the time of submittal to the City before initiation of review. All permits shall be paid prior to beginning construction on a project. Please refer to the City's Official Fee Schedule.

1.4 DESIGN REVIEW REQUIREMENTS FOR PUBLIC OR PRIVATE IMPROVEMENTS

- 1.4.1 Submit two (2) copies of construction plans, one (1) digital copy (pdf) and supporting documentation to the City for review. Plans will be circulated to the appropriate departments for their review. Comments will be issued to the engineer in a timely manner.
- 1.4.2 Based on the trip estimates for the proposed development, a Traffic Impact Analysis may be required to determine any necessary traffic mitigation measures.
- 1.4.3 A Final Drainage plan must be approved by the appropriate Drainage District prior to submitting to City of La Marque for final plan approval.
- 1.4.4 After all comments have been adequately addressed, submit previous comments and response letter, include one digital copy of the revised construction plans to the City for final approval.
- 1.4.5 After final approval has been granted, submit one original mylar cover sheets to the City for approval signatures, along with (1) digital file (PDF) and electronic copy.
- 1.4.6 Submit two (2) copy of the approved construction plans to the permit office at the time permitting for Engineering file and inspection.
- 1.4.7 All separate or special easements that may be required for construction shall be recorded with the plat prior to final approval. If platting is not required as part of the project, then record all easements prior to final approval.

1.5 CONSTRUCTION AND ACCEPTANCE REQUIREMENTS FOR PUBLIC INFRASTRUCTURE PROJECTS

- 1.5.1 Refer to the City of La Marque's Construction, Inspection, Approval and Acceptance Procedures for Public Infrastructure.

1.6 APPROVALS AND VARIANCES

- 1.6.1 Approvals required in these Standards are the responsibility of the Owner. Failure to obtain appropriate approvals may be grounds for suspension of construction until appropriate approvals are granted. Items that do not conform to these Standards shall be submitted for a variance request.
- 1.6.2 Variances, as required by these Standards, shall be requested by the Owner prior to, or at the time of, submittal of review plans for the project. In order to be valid, all variance items must be granted by the City Administrator upon written recommendation by the City Engineer.
- 1.6.3 Construction work related to any variance item should not begin until the City has granted approval. Design engineer shall submit a Design Criteria Modification form for variance requests. Any work that proceeds without approval will be subject to

removal and replacement, at no cost to the City, in accordance with these Standards.

[END OF DOCUMENT]

CITY OF LA MARQUE

CHAPTER 2

GRAPHIC REQUIREMENTS

CHAPTER 2 – GRAPHIC REQUIREMENTS

2.1 REQUIRED PLAN SHEETS

- 2.1.1 Cover Sheet
- 2.1.2 Plat (latest version of the plat shall be included in the drawings)
- 2.1.3 Construction Notes and Legend
- 2.1.4 Overall Layouts for Proposed Improvements (Water and Sewer, Drainage, Paving, etc.)
- 2.1.5 Drainage Area Map and Calculations
- 2.1.6 Lot Grading Plan
- 2.1.7 Plan and Profiles
- 2.1.8 Storm Water Pollution Prevention Plan
- 2.1.9 Specific Construction Details
- 2.1.10 Standard City of La Marque Construction details

2.2 DRAWING REQUIREMENTS

- 2.2.1 Provide a cover sheet for all projects involving three or more drawings (including detail sheets). Plan sheet numbers and names shall be shown on the cover sheet. Include a vicinity map to identify project location within the City. Provide the City of La Marque signature block for the City Engineer with a note stating that approval is valid for 1 year only from date of signatures. Provide a signature block for the City Engineer on all internal sheets. Signature blocks is provided in Appendix “B”.
- 2.2.2 Drawings shall be prepared on nominal 24 inch x 36 inch overall drawings.
- 2.2.3 Show service area on cover sheet or area map.
- 2.2.4 After final approval has been granted, submit drawings with mylars on India ink or produced by on mylars. The engineer shall also submit, at this time, electronic AutoCAD (.dwg) and digital file in (PDF) file(s) of all construction plan sheets on digital versatile disk (DVD).

- 2.2.5 Details of special structures (not covered by approved standard drawings, such as stream or gully crossings, special manholes, or junction boxes, etc.) shall be drawn with vertical and horizontal scales equal to each other.
- 2.2.6 Each set of construction drawings shall contain overall paving and utility layout drawings indexing specific plan and profile sheets. Show all lot lines, property lines, rights-of-way lines and easement lines. Standard City drawings, where applicable, shall be included. All sheets shall have standard title blocks.
- 2.2.7 Draw overall layouts to a scale of 1 inch = 50 feet, 60 feet, 100 feet, or 200 feet.
- 2.2.8 Plan stationing must run from left to right, except for short streets or lines originating from a major intersection, where the full length can be shown on one sheet.
- 2.2.9 A north arrow is required on all sheets and should be oriented either toward the top or to the right.
- 2.2.10 Standard scales permitted for plans and profiles of paving and utility construction drawings are as follows:
- A. Major thoroughfares, streets with esplanades over 400 feet in length, or special intersections/situations:
 - a. 1 inch = 10 feet horizontal, 1 inch = 1 feet vertical
 - b. 1 inch = 20 feet horizontal, 1 inch = 2 feet vertical
 - B. Minor or residential single-family streets:
 - a. 1 inch = 20 feet horizontal, 1 inch = 2 feet vertical
 - b. 1 inch = 40 feet horizontal, 1 inch = 4 feet vertical
 - c. 1 inch = 50 feet horizontal, 1 inch = 5 feet vertical
- 2.2.11 Each sheet of the plans shall have a benchmark elevation and description, along with applicable flood plain information. Include Base Flood Elevation, FIRM panel number and flood zone designation. All files shall be designed to Texas State Plane Coordinate System – South Central 4204, NAVD 88, or current adjustment.
- 2.2.12 The seal, date, and original signature of the Licensed Professional Engineer responsible for the drawings shall be required on each sheet developed by the engineer. The engineer may use a stamped or embossed imprint for his seal; however, the embossed imprint must be shaded such that it will reproduce on prints.
- 2.2.13 If a roadway exists where drawings are being prepared to improve or construct new pavement or a utility, label the existing roadway width, surface type, and thickness, if available without destruction of pavement. Pavement thickness can be ascertained by coring. The resultant void shall be grout-filled.
- 2.2.14 Show all streets and/or roadway alignments on all drawings.

- 2.2.15 Develop drawings to accurate scale showing proposed pavement, typical cross-sections, details, lines and grade, all existing topography within street right-of-way, and any easement adjacent to the right of way. At intersections, the cross-street details shall be shown at sufficient distance (20 feet minimum distance outside the primary roadway right-of-way) in each direction along the cross-street.
- 2.2.16 Match lines shall not be placed at cross-street intersection for roadway alignment.
- 2.2.17 Natural ground profiles shall be shown as follows:
- A. For privately-funded projects, centerline profiles are satisfactory except where a difference of 0.50 feet or more exists from one right-of-way or easement line to the other, in which case, dual profiles are required.
 - B. For the City of La Marque projects, provide natural ground profiles for each right-of-way line. Easement profiles shall also conform to this requirement.
- 2.2.18 Identify all lot lines, property lines, easements, right-of-way, and drainage outfalls.
- 2.2.19 Label each plan sheet as to street/easement widths, pavement widths, pavement thickness where applicable, type of roadway materials, curbs, intersection radii, curve data, stationing, existing utilities (type and location), and any other pertinent feature affecting design.
- 2.2.20 Show all utility lines four inches or larger within the rights-of-way or construction easement in profile view. Show all utility lines, regardless of size, in the plan view, including fiber optic cables.
- 2.2.21 Graphically, show flowline elevations and direction of flow for all existing ditches.
- 2.2.22 Label proposed top of curb grades except at railroad crossings. Centerline grades are acceptable only for paving without curbs and gutters.
- 2.2.23 Curb return elevations for turnouts shall be shown in profiles.
- 2.2.24 The surface elevation at the property line of all existing driveways shall be shown in profile.
- 2.2.25 Station all esplanade noses or the centerline of all esplanade openings with esplanade width shown - both existing and proposed.
- 2.2.26 The design of both roadways is required on all paving sections with an esplanade.
- 2.2.27 Station all point of curvatures (PC) and point of tangency (PT), radius returns, and grade change point of intersection (PI) in plan view. Station all radius returns and grade change PIs in profile with their respective elevations.
- 2.2.28 Standard City Details shall be included, when applicable.

- 2.2.29 All property ownership and easement recordation information shall be shown on the plans.
- 2.2.30 Provide stormwater pollution prevention plan, including details on all public and private projects.

2.3 EASEMENTS

- 2.3.1 All easements and recording information, existing and proposed, shall be shown on the construction plans.
- 2.3.2 Storm sewer, sanitary sewer, and water line easements shall be dedicated for the specific intended use. Easements for a specific facility shall be exclusive and shall not overlap other easements, except to cross the easements.
- 2.3.3 Dry Utility Easements shall be minimum sixteen-feet (16').

2.4 UTILITY LOCATIONS

- 2.4.1 All utilities shall be underground with the exception of electric primary lines. The electric primary lines, defined as feeders or three phase lines, should be located around the subdivision perimeter whenever possible.
- 2.4.2 Water Line Location
 - A. All water lines shall be located within a public right-of-way or within dedicated waterline easements. The location of water lines within a public street right-of-way is described in Section 3.3.3.
 - B. Water lines shall not be located in combination easements.
- 2.4.3 Sanitary Sewer Location
 - A. Sanitary sewers of twelve inches (12") or larger in diameter shall be within a public right-of-way or an easement adjoining the right-of-way. Sanitary sewers may be located in exclusive or combination easements provided the easement widths comply with Section 2.3.
 - B. Sanitary sewers shall not be located in side lot easements.
 - C. Sanitary sewers should be located within the right-of-way between the property line and the back of curb on the opposite side of the right-of-way from the water main.

2.4.4 Storm Sewers

- A. Storm sewers shall be located in the public street right-of-way in accordance with Section 5.3.6.E.c.
- B. All storm sewer lines shall be located within public rights-of-way or approved easements. Placement of a storm sewer in side lot and back lot easements is discouraged.

2.5 PRIVATE FACILITY LOCATIONS

- 2.5.1 Installation of private facilities, including utilities, in public road rights-of-way and their adjoining easements shall be approved by the City of La Marque.
- 2.5.2 Private facilities shall not conflict with other facilities in the right-of-way and shall not be located in exclusive easements as required in these Standards. All structures within the public right-of-way require approval from the City Engineer and shall be located so as to not interfere with existing or proposed public facilities.
- 2.5.3 All facilities in the right-of-way shall be located at least two feet (2') behind the curb and all underground facilities in the right-of-way shall be located at least two and one-half feet (2.5') below the top of curb on a public street.
- 2.5.4 Private facilities shall be constructed in accordance with construction plans approved by the City Engineer.
- 2.5.5 Landscaping within the public right-of-way or adjoining easements shall not affect public utilities or traffic visibility.

2.6 CROSSINGS

2.6.1 Highway Crossings - All State and County Roads

- A. State Highway crossings shall be constructed in conformance with the requirements of the Texas Department of Transportation.
- B. A water main shall be encased in a steel pipe casing extending at least five feet (5') from outside edge of each service road or outside edge of pavement, across the right-of-way to a similar location on the other side of the highway. For highway or roadway crossing with open ditches, the casings shall extend from right-of-way to right-of-way.
- C. County road crossing shall be constructed in accordance with Galveston County requirements.
- D. Where additional right-of-way has been acquired or will be required for future

widening, the casing, where required, should be carried to within ten feet (10') of each future right-of-way line.

2.6.2 Street Crossings

- A. All water main and sprinkler line crossings under major thoroughfare boulevards shall be encased. For all water mains, steel casing shall be used. For fire sprinkler lines, SDR 26 PVC or welded steel pipe shall be used.
- B. Conduits and sewers that do not carry liquid under pressure may be bored and jacked or microtunneled into place without an encasement pipe.
- C. Crossings under existing concrete streets shall be constructed by boring and jacking or microtunneling. PVC pipe shall be jacked into place using equipment designed for that purpose. Water may be used to facilitate the boring and jacking operations. Jetting the pipe main into place will not be allowed. When conditions exist that warrant open cut across an existing street, specific approval by the City Engineer is required.
- D. All street crossings shall be constructed in accordance with construction plans approved by the City. All street crossings shall be inspected by the City. All street crossings shall meet the requirements of these Standards.

2.6.3 Railroad and Pipeline Crossings

- A. For railroad crossings, the carrier pipe shall be encased in steel pipe casing extending from right-of-way to right-of-way.
- B. All construction within the railroad or pipeline right-of-way shall conform to minimum requirements set out in the agreement with the owner of the right-of-way.

2.6.4 Ditch and Stream Crossings

- A. Aerial crossings attached to the vehicular bridge structure are preferred by the City.
- B. Where existing or proposed bridges have sufficient space and structural capacity for installing water mains or conduits (twelve inches (12") or smaller) under the bridge, but above the top of the bent cap elevation, such installation will be permitted upon specific approval of the construction plans. In all cases, the water main or conduit shall be above the bottom chord of the bridge and eighteen inches (18") above the 100-year water surface elevation. All conduits attached to a bridge shall be constructed using steel pipe and shall extend a minimum of ten feet (10') beyond the bridge bent or to the right-of-way line, whichever is greater. All conduit attached to a bridge shall be maintained by the owner of the conduit

or will be subject to removal.

C. Separate, free-standing crossings across drainage ways are discouraged.

D. All stream or ditch crossings shall be constructed of steel pipe from right-of-way to right-of-way.

2.7 TRENCH SAFETY

2.7.1 Trench safety is required for all excavations greater than five feet (5') in depth, and shall conform to all applicable OSHA regulations.

2.8 BENCH MARKS

2.8.1 A permanent bench mark shall be set in each subdivision section or at a spacing of one mile, whichever is greater. The benchmark shall have an elevation based on the North American Vertical Datum of 1988 (NAVD 88), current adjustment.

2.8.2 The bench mark elevation and location shall be certified by a registered public surveyor as a Texas Society of Professional Surveyors (TSPS) Standard and Specifications for Category 8, TSPS Third Order Vertical Control Survey.

2.8.3 Accuracy of elevations for benchmarks shall be Texas Society of Professional Surveyors Category 8, Third Order.

2.8.4 All bench mark locations shall be provided with ties to existing monuments including coordinates based on the North American Vertical Datum of 1988 (NAVD 88), Texas State Plane Coordinate System, South Central Zone.

2.8.5 Bench marks shall be constructed of a brass disc set in concrete. The concrete footing for the bench mark shall be eight inches (8") in diameter and three feet (3') deep. Concrete shall be reinforced with two number four (2-#4) bars.

2.8.6 The construction plans shall clearly identify the location of the benchmark and shall include a complete description, coordinates and elevation, with adjustment date, of the benchmark.

2.9 RESIDENTIAL LOTS AND IMPROVEMENTS

2.9.1 All residential lots shall drain to a public right-of-way directly adjoining the lot. Drainage from a residential lot to a public right-of-way at the rear or side of a lot may be permitted provided the drainage system has been properly designed to accept the flow. Drainage from a residential lot to an adjoining greenbelt or golf course shall require a public easement for drainage purposes to be maintained by the homeowner's association or appropriate entity. Drainage to a private easement shall

be noted on the recorded subdivision plat. Drainage to a drainage district easement shall be approved by applicable Drainage District.

- 2.9.2 A lot grading plan showing proposed minimum slab elevations shall be included in the construction plans. If slab elevations do not change, a notice of minimum elevation will suffice.

2.11 FLOOD PLAIN MANAGEMENT

- 2.10.1 All flood plain development within city limits or the ETJ shall be reviewed and approved by the City Engineer.
- 2.10.2 Amendments to the published flood insurance rate maps, map revisions and all requests for changes to the base flood elevation within La Marque city limits or its ETJ shall be submitted to the City Engineer for review.
- 2.10.3 All data submitted shall be prepared under the supervision of a registered professional engineer and/or a registered public surveyor and shall comply with all requirements of the Federal Emergency Management Agency National Flood Insurance Program Regulations.

CITY OF LA MARQUE, TEXAS

CHAPTER 3

WATER SYSTEM DESIGN CRITERIA

CHAPTER 3 – WATER SYSTEM DESIGN

3.1 WATER SYSTEM DESIGN GENERAL

- 3.1.1 Criteria for the design of water service and water distribution lines are herein established. All water lines constructed within the City of La Marque or its Extraterritorial Jurisdiction (ETJ) shall follow these criteria.
- 3.1.2 Design, construction and sizing of all water mains and appurtenances shall meet or exceed the requirements of the Texas Commission of Environmental Quality (TCEQ) as per 30 TAC Chapter 290 and the Texas Board of Insurance (TBI).
- 3.1.3 The public water system shall not extend beyond the individual water meter. All water line construction in public rights-of-way up to and including construction to the water meter shall conform to these standards.
- 3.1.4 Design and construction shall conform to the City of La Marque standard details and specifications.

3.2 DEFINITIONS

- 3.2.1 Water line – Closed conduit designed to distribute potable water to various locations for human consumption, and to provide fire protection. Line size and fire protection accessory locations are dependent on distance from primary source and quantity of demand.

3.3 DESIGN REQUIREMENTS

- 3.3.1 Easements: The following minimum easements are required when facilities are not located within public street rights-of-way:
 - A. Fire hydrants located outside of public rights-of-way or water line easements shall be encompassed by a ten-foot by ten-foot (10'x10'), exclusive, easement. Fire hydrants shall not be located within any other type of easements.
 - B. Water meter easements shall be exclusive and should be located adjoining a public right-of-way or water line easement.
 - C. Two-inch (2") and smaller meters serving non-residential and multi-family developments shall be located inside rights-of-way, water line easements, or in a minimum 5-foot by 5-foot (5'x5') exclusive water meter easement.
 - D. Three-inch (3") and larger meters shall be set in a minimum of ten-foot by twenty-foot (10'x20') exclusive, water meter easements.

- E. Water lines may be located in easements not adjacent to public street rights-of-way. These water lines shall be centered in a fifteen foot (15') wide exclusive easement restricted to water only.
- F. For new construction, any water line, except at a fire hydrant, located less than five feet (5') from the right-of-way line and within the right-of-way shall have a water line easement adjoining the right-of-way. Water line easements adjoining a right-of-way shall have a minimum width of five feet (10').
- G. Water lines should be located at the center of a ten-foot (10') water line easement, provided the easement adjoins the public right-of-way.

3.3.2 Water Lines:

- A. Locate water lines within street rights-of-way, public utility easements, or dedicated water line easements:
 - a. No less than a 4-inch water line is allowed.
 - b. A dead end 4-inch line may supply a maximum of 10 lots, shall not exceed 400 feet in length, and shall terminate with a blow off or loop back. Fire hydrants are not allowed on a 4-inch line.
 - c. Six-inch interconnected/looped mains shall be a maximum of 800 feet long, and shall be supported on both ends by an 8-inch main or larger. Dead end 6-inch lines shall not be more than six hundred feet (600') in length and shall terminate with a blow-off valve. Only one fire hydrant or flushing valve is allowed on any length of 6-inch diameter line.
 - d. Except when 4-inch and 6-inch diameter lines are permitted under the above criteria, all water lines shall have a minimum diameter of 8-inches.
 - e. Ten-inch diameter water line is not permitted.
 - f. Pipe with a minimum 12-inch diameter should be used for lines greater than 2000 feet in length as determined by the Professional Engineer of Record and the City of La Marque.
 - g. Dead-end lines:
 - (1) Dead-end lines should be avoided whenever possible, and may only be considered when a looped or interconnected water main system is not nearby.
 - (2) The design of all water distribution systems should include the opportunity for future looping or interconnect of any approved or

proposed dead-end line. Waterline line shall be extended to the boundary of the development along public right-of-way as required for future connection.

- (3) Dead-end lines within public right-of-way:
 - (a) On permanent dead-end lines not serving residential cul-de-sacs, the line shall be 8 inches in diameter and shall not exceed more than 700 feet in length from the closest interconnection main line and shall terminate with a fire hydrant, flushing valve or blow-off valve.
 - (b) In temporary dead-end situations or if the possibility for future extension of the water line exists, do not reduce pipe sizes successively. Carry 8-inch diameter pipe to the last appurtenance or the plug. Place the last service as near as possible to the end and install a standard blow off valve and box at the end of the 8-inch diameter line. The maximum length of such a line shall be 700 feet.
 - (c) In unavoidable permanent dead-end situations, reduce the sizes of pipe successively. Carry a 6-inch pipe to the last fire hydrant, then use 4-inch pipe to the end of the line (400' maximum). Install a 2-inch blow-off valve at the end of the 4-inch diameter line.
- (4) Water lines located in a public easement on private property in multi-family residential applications with 1 or more fire hydrants or flushing valves shall be 8-inch diameter with an interconnection to at least 2 supply sources when possible.
 - (a) Appropriately sized domestic service shall be taken from the 8-inch lines.
 - (b) If requested, the design engineer shall submit water/hydraulic modeling data to the City Engineer demonstrating that adequate water pressures can be maintained given projected water demand in non-single family residential applications.
 - (c) The design engineer shall submit water/hydraulic-modeling data to the City Engineer demonstrating that fire flow capacity is available for the non-single family residential applications.
- h. Side lot water line placement is discouraged. Where side lot water line placement is unavoidable, install water line in continuous steel casing

pipe, centered in a 20-foot wide dedicated water line easement. Extend the casing uninterrupted from right-of-way to right-of-way. No horizontal or vertical deflections are allowed. Construct encased water line of ductile iron or restrained joint bell and spigot pipe to prevent lateral movement. Provide and install casing spacers and end seals. This item shall only apply to publicly maintained lines.

- B. Layout and size of all water lines shall be consistent with the overall layout and phasing plan of the City's water system. The overall water system shall be designed to maintain adequate operating pressure throughout the system.
- C. Chlorination: All newly installed water lines shall have to pass bacteriological testing before being accepted for maintenance by the City of La Marque. All costs associated with the testing shall be the responsibility of the owner.
- D. Pressure Testing: All newly installed water lines shall be flushed and pressure tested before being accepted for maintenance by the City of La Marque. All costs associated with the testing shall be the responsibility of the owner.
- E. Material: Water lines shall be constructed of AWWA C-900 DR-18 or approved equal.

3.3.3 Location

- A. Locate water lines within street rights-of-way.
- B. Boulevard streets: Water lines shall not be located within the esplanade.
- C. Locations within an easement: Locate water lines in the center of exclusive dedicated water line easements.
- D. When a water line is placed parallel to any other proposed or existing utility line, other than a sanitary sewer, the water line shall have a minimum of 4 feet horizontal clearance from the outside wall of the existing utility to the outside wall of the proposed water line.
- E. A minimum distance of 4 feet shall be maintained from the right-of-way or easement line to the outside edge of the water line.

3.3.4 Depth of Cover (See Table 3.1)

- A. Provide the minimum depths of cover shown in Table 3.1 from the top of finished grade behind the curb for curb-and-gutter streets, or from the lowest elevation of the nearby ditch bottom for roadside ditch street sections, whichever is applicable.

- B. Whenever possible, changes in grade or alignment to clear utilities or underground features should be accomplished by deflecting pipe joints. The maximum designed deflection shall be $\frac{1}{2}$ of the manufacturer's allowable deflection. The use of regular bends for any change of grade shall not be allowed.
- C. If a depth greater than 8 feet or less than 4 feet to the top of the pipe is proposed, use restrained joint pipe, ductile iron, or other comparable high hoop strength material pipe, and continue for all areas where the depth of cover exceeds 8 feet or is less than 4 feet.
 - a. All transitions from ductile iron pipe to other water line material shall be constructed using electrically isolated flange joints.
 - b. Ductile iron or other comparable high hoop strength material pipe shall be pressure class 350.

Table 3.1 DEPTH OF COVER FOR WATER LINES		
SIZE OF LINE	DEPTH OF COVER*	
	TOP-OF-CURB	OPEN-DITCH
8-INCH & SMALLER	4 FEET	4 FEET below ultimate flow line
12-INCH & LARGER	5 FEET	5 FEET below ultimate flow line

*When crossing easements whose owning or governing agency has stricter depth of cover criteria than that shown in Table 3.1, the more stringent of the two shall apply.

3.3.5 Appurtenances

- A. Do not place appurtenances in pavement when the appurtenance would be covered in whole or in part by pavement. Gate valves may be placed in sidewalks provided that the top of the valve box is flush with the finished elevation.
- B. All water system valves shall conform with AWWA standards and shall include:
 - a. Cast iron valve boxes are required on all valves less than or equal to 16 inches. Valve vaults are required on all valves 20 inches and larger.
 - b. All valves shall be sized to equal the size of the water main on which it is located.
- C. Valves
 - a. Spacing – set at maximum distances along the water line as follows:
 - (1) 8" & Smaller – 1000 feet.

- (2) 12" & Larger – 2000 feet.
- (3) The total number of valves at any water line intersection shall equal the total number of lines leading out from the intersection point minus one.
- (4) Refer to standard specifications for tapping sleeve & valve.

b. Location

- (1) Valves must be located at street intersections along the street right-of-way lines projected across the water line where possible. Tapping sleeve and valves are excluded from this requirement.
- (2) Isolate fire hydrants and flushing valves from the service main with a valve located in the fire hydrant or flushing valve lead. This valve should not be located in the slope or flow line of roadside ditches.
- (3) Intermediate valves, not located on the projection of the right-of-way line, shall be located on lot lines or 5 feet from fire hydrants, but shall not be set in a driveway.
- (4) Locate valves a minimum of 10 feet horizontally away (either direction) from any sanitary sewer crossing.
- (5) Valves located near reducers shall be located on the smaller diameter pipe.
- (6) All water mains shall be valved within the street right-of-way or dedicated water line easement. Valves shall not be placed under or within 2 feet of ultimate pavement, when it is known that the street will be widened in the future.
- (7) Valves shall be placed at the end of all water mains that are to be extended in the future and the main shall be extended a minimum of two pipe joint past the valve.
- (8) All valve shall be right close.

c. Valve Type

- (1) 16" & smaller – Gate Valve
- (2) 20" & larger – Butterfly Valve

D. Fire Hydrants

a. Spacing

- (1) Single family residential development – 500 foot maximum spacing.
- (2) All other development – 300 foot spacing.

b. Location in or along street right-of-way

- (1) Locate fire hydrants primarily at or near street intersections.
- (2) Locate fire hydrants at the end of a curb radius of a street intersection, 3 feet behind back of curb or projected future curb in a curb & gutter road construction.
- (3) On streets with roadside ditches, set the fire hydrants within 5 feet of rights-of-way lines. Fire hydrant lead valves should not be located in the slopes or flow lines of ditches.
- (4) Set fire hydrants not located at intersections or block corners at mid-lot or on lot lines, as extended to pavement, when located between right-of-way intersections. These locations may be adjusted 5 feet either way to avoid driveways or obstructions. In either case, do not locate fire hydrants closer than 5 feet from driveways.
- (5) Fire hydrants are not allowed in esplanades of streets.
- (6) On all Texas Department Transportation (TXDOT) rights-of-way, the fire hydrant and flushing valve set-backs from the edge of right-of-way shall adhere to TXDOT criteria.

c. Location of fire hydrants or flushing valves outside street rights-of-way and in public easements:

- (1) City review and approval is required for all submitted locations of fire hydrants and flushing valves in all developments within the City of La Marque and its ETJ.
- (2) Locate fire hydrant and flushing valves in protected, easily accessible areas behind curb lines.
- (3) For fire hydrants or flushing valves that are located adjacent to water lines constructed in 10 foot wide water line easements, the fire hydrant or flushing valve shall be centered in a

minimum 10 foot by 10 foot separate easement.

- (4) For non-residential developments in the City of La Marque, provide isolation valves at each end of fire loops requiring on-site fire hydrants.

- d. Fire hydrant leads shall be designed to have a minimum 4 foot bury where possible. Bends may be used on the fire hydrant branch to maintain a 4 foot bury or a 3 foot back of curb set-back.
- e. Do not install fire hydrants within 10 feet vertically or horizontally of sanitary sewers and force mains.

E. Fittings

- a. Fittings shall be Ductile Iron.
- b. Use plugs with retention clamps and carrying the designation "plug and clamp." Thrust blocking is required for dead-end lines that are plugged.
- c. Concrete thrust blocking shall be required on all bends, tees, plugs, and combinations thereof.
- d. All fittings and fire hydrants to be tied together with $\frac{3}{4}$ inch stainless steel all threads and I-bolts or with restrained joint fittings.
- e. All water main joints shall be push on joints. Mechanical joints may be used for above ground water line installations.
- f. All fittings are to be double wrapped in 6 mil plastic.

F. Ductile Iron Pipe

- a. Ductile iron pipe shall be provided with polyethylene encasement. Provide minimum 2 wraps of 8-mil polyethylene, or
- b. Polyethylene tube encasement shall conform with the minimum requirements of "Polyethylene Encasement for Gray and Ductile Cast Iron Piping for Water and other Liquids," ANSI/AWWA C-105, current revision. Soils within the project shall be tested to adequately determine the requirements of the encasement. Appendix A of ANSI/AWWA C-105 shall be consulted where questions regarding soil conditions and encasement arise.

3.3.6 Water Meter Service

- A. All water meters shall be installed by the City of La Marque.

- B. A water meter permit must be obtained from the City of La Marque prior to installation.
- C. Stub outs for future water service are not allowed except where part of a preapproved master plan, site plan development plan or tract development plan.
- D. In new residential developments, water service lines shall be provided for all lots on the opposite side of the street. Services shall normally be at lot lines with a $\frac{3}{4}$ inch minimum size to serve a single lot and 1 inch minimum for two lots. Lines shall be SDR-9 polyethylene. The City of La Marque Building Inspector should be consulted to ensure the properly sized meter is selected for any proposed service.
- E. Water service leads from the water main to the water meter shall be placed at a minimum 4 foot below final paving elevations.
- F. Water Meter Service for Lines in or Along Rights-Of-Way
 - a. Meters 2 inches and smaller: Locate inside rights-of-way, water line easements, or in a minimum 5-foot by 5-foot exclusive water meter easement. Provide concrete meter boxes for meters located in sidewalks. Meters shall be located in areas with easy access and protection from traffic.
 - b. Meters 3 inches and larger: Locate in minimum 10'x20' separate water meter easement:
 - (1) Meters shall be located in areas with easy access and protection from traffic, and adjacent to rights-of-way whenever possible.
 - (2) Meters shall not be located in areas enclosed by fences.
 - c. Separate taps and service leads shall be designed for each meter. Meter, line size, and appurtenances shall conform to the latest edition of the Uniform Plumbing Code.
- G. Meter boxes shall be located just within the public right-of-way if possible. Location of meters in the ditch of open ditch streets shall be avoided. Meter boxes shall be installed no more than 2 inches above grade.
- H. For proposed multi-family developments, provide one master meter sized for the entire development. An above-ground, reduced pressure, zone-type backflow preventer shall be installed on the water line downstream from the meter.

- I. For commercial developments with private on-site water mains for fire protection (i.e. not in a dedicated water line easement), provide fire service meters adjacent to the public right-of-way. If a dual (fire and domestic) feed is desired, both feeds shall be metered. An above-ground, reduced pressure, zone-type backflow preventer shall be installed on the water lines downstream from the meters.

3.3.7 Water Line Crossings within the City of La Marque

- A. Public and private utility crossings other than sanitary sewer: Where a water line crosses another utility other than a sanitary sewer, a minimum of 12 inches of clearance must be maintained between the outside wall of the water line and the outside wall of the utility.
- B. Stream or ditch crossings
 - a. Elevated crossings
 - (1) Water lines shall be steel, ductile iron pipe, or other comparable high hoop strength material and shall extend a minimum of 15 feet beyond the last bend or to the right of way line, whichever is greater.
 - (2) Elevated crossings are preferred to underground crossings.
 - (3) Crossings attached to vehicular bridges are preferred to separate elevated water line structures.
 - (4) For new vehicular bridge construction, include provisions for attaching a water line.
 - (a) Adequate structural capacity shall have been calculated and provided for, including considerations for pipe deflection and all applicable loading.
 - (b) Clearance for maintenance purposes above bent cap elevation shall be provided where elevated water lines are to be run under bridges.
 - (5) For new water line crossings near existing vehicular bridges, a separate elevated water line structure shall be constructed.
 - (6) Design all elevated crossings with the elevation of the bottom of the water line 2 feet above the 100-year water surface elevation in the channel.
 - (7) Create a high point in the elevated stream or ditch crossing and

provide an air release valve at that highest point of the water line.

- (8) Provide sufficient span length to accommodate the cross section of future widening of the stream or ditch to ultimate cross section.
- (9) Base the columns' support designs on soil capacity, spacing, loading, and all pertinent structural requirements.
- (10) Spacing of supports shall consider effect of support on channel hydraulics and be subject to city approval.
- (11) Provide pedestrian pipe guards on elevated crossings.

b. Underground Crossings

- (1) Provide a minimum 5 foot clearance from the top of the pipeline to the ultimate flow line of the ditch.
- (2) Provide sufficient length to exceed the ultimate future development of the stream or ditch.
- (3) Water lines shall be Class 150, C-900 or ductile iron pipe and shall extend a minimum of 40 feet beyond the last bend or to the right of way line, whichever is greater.
- (4) Restrained Joints shall be used.
- (5) Locate valves on each side of the crossing.
- (6) Where other agencies have review authority or jurisdiction and have different underground crossing requirements, the more stringent of the two shall apply.

C. State Highway and County Road Crossings

- a. Extend steel casing pipe from 5' on each side beyond the edge of pavement.
- b. The approval of the design by the appropriate governmental agency shall be demonstrated to the City of La Marque before plans will be approved.
- c. Where additional right-of-way has been acquired for future widening, the casing shall extend to the future right-of-way line.

D. Railroad Crossings

- a. For main line and spur line railroad crossings, the water line shall meet the requirements of the governing agency and such requirements shall be followed from 5 feet beyond each right-of-way line and across the right-of-way itself. Any deviation must be approved by the railroad companies.
- b. Where there is no railroad but a railroad owned easement or right-of-way, as a minimum, extend a steel casing from right-of-way to right-of-way line.
- c. The approval of the design concept by the railroad involved must be obtained and demonstrated to the City of La Marque before plans will be approved.

E. Additional Requirements

- a. Use isolated flange joints for transitions between two dissimilar metallic pipes. Isolate water lines from casing with spacers and supports.
- b. The carrier pipeline shall extend a minimum of 1-foot beyond the end of the casing to allow flanged joints to be constructed if necessary.

F. Oil and Gas Pipeline Crossings

Use PVC pipe when crossing a non-service transmission pipeline regardless of depth. All non-service transmission pipeline crossings must have the approval of the company whose lines are being crossed. Maintain a minimum 2 foot vertical separation between the pipeline and the water line.

G. Fire flow Water line Loops within Non-Residential Developments

For non-residential developments inside the City of La Marque requesting on-site water mains, comply with the following requirements to allow maintenance and future repair operations if the City of La Marque will be the entity maintaining the water main:

- a. Avoid laying any new water lines under proposed or existing pavement, but where unavoidable, provide minimum 10 foot expansion joints (free joints) in the easement over the water line.
- b. Fire flow water line loops within non-residential developments that are to be maintained by the City of La Marque shall be placed in a 20-foot wide water line easement that shall be dedicated to the City.
- c. There shall be no structures or equipment pads constructed over a publicly maintained water line.

3.3.8 Auger Construction: Use the following general criteria for establishing auger, bore and jack, or microtunneling sections when site conditions require their use. Identify the sections on the construction drawings.

- A. Improved streets – Use auger or microtunneling construction to cross a street regardless of surface. Auger or microtunneling length shall be computed as roadway width at the proposed bore location plus a minimum of 10 feet to either side of roadway.
- B. Driveways – Use auger or microtunneling construction to cross improved driveways. Bore and jack, auger or microtunneling length shall be a minimum of the driveway's width.

3.3.9 Circulation and Flushing for Water Quality: The layout of the water distribution system shall provide for maximum circulation of water.

- A. Provide a source of fresh water at each end or at multiple points of a subdivision or development. Provide ways to create circulation and place valves and fire hydrants to allow simple flushing of lines.
- B. Where stubs are provided for future extensions, isolate the stubs with a valve and no service connections will be allowed beyond the valve before the line is extended. Place two full joint of pipe between the valve and the plug.

3.3.10 New Water Lines Constructed Near Sanitary Sewers, Force Mains and Manholes

- A. New Water Lines Parallel to Sanitary Sewer and Force Mains: Locate water lines a minimum of 10 feet horizontally, outside wall to outside wall, when parallel to sanitary sewers and force mains. Use the following procedure when site conditions prohibit achieving 10 feet of separation:
 - a. When a new water line is to parallel an existing sanitary sewer force main or gravity sewer and the 10 foot minimum separation cannot be achieved, the existing sanitary sewer shall be replaced with lined ductile iron pipe, SDR-26 with pressure gaskets, or PVC C-900 150 psi pipe or better and equipped with pressure type joints.
 - b. The water lines and sanitary sewer shall be separated by a minimum vertical distance of 2 feet and at least 4 feet horizontally (per 30 TAC 290.44) measured between the nearest outside walls of the pipes, where the water line shall always be located above the sewer.
- B. New Water Lines Crossing New and Existing Sanitary Sewers and Force Mains

- a. No protection is required if the sanitary sewer is 10 feet below the water line.
 - b. Use the protective requirements given in Table 3.2 and 3.3 for sanitary sewer crossings not 10 feet below the water line.
- C. Sanitary Sewer Manholes: Provide a minimum 10 foot horizontal clearance from outside wall of existing or proposed manholes, make manholes and connecting sewers watertight and test for leakage. If a 10 foot clearance cannot be obtained, the water line may be located closer to the manhole when prior approval has been obtained from the City Engineer by using one of the procedures below; however, in no case shall the clearance be less than 4 feet.
 - a. The City of La Marque may require the water line to be encased when site conditions dictate or when the water line is within 5 feet of a manhole. The carrier pipe shall be a minimum of 1 joint of 150 psi pressure class pipe at least 20 feet long and two nominal sizes larger than the water conveyance pipe.
 - b. The water line may be augured, bore & jacked, or microtunneled past the manhole with at least one 20 foot section of 150 psi pressure pipe installed centered about the existing sanitary manhole with pressure grouting of the annular space using a bentonite/clay mixture or other commercial grouts.

Table 3.2 WATER LINE – SANITARY SEWER CROSSINGS

PRIMARY CONDITION	PROPOSED WATER EXISTING SANITARY				PROPOSED WATER PROPOSED SANITARY OR EXISTING WATER PROPOSED SANITARY			
SECONDARY CONDITIONS	WATER OVER SANITARY		WATER UNDER SANITARY		WATER OVER SANITARY		WATER UNDER SANITARY	
IF THE CLEARANCE IS	Less than 2'	Greater than 2' but less than 10'	Less than 2'	Greater than 2' but less than 10'	Less than 2'	Greater than 2' but less than 10'	Less than 2'	Greater than 2' but less than 10'
*Protection Requirement	1	2	3	4a or 4b	5	6a	3	6b & 6c

*PROTECTION REQUIREMENTS FOR SANITARY SEWER CROSSINGS (All clearances shall be measured from outside wall to outside wall)

- One 20-foot joint of C-900 or C-905 PVC, 150 psi centered over sanitary sewer; 12-inch minimum clearance.
- If no evidence of sanitary sewer leakage, center one joint of water line over sanitary sewer; 24 inch minimum clearance. If the sewer line is leaking, the sewer line shall be replaced with 150 psi lined ductile iron pipe or other approved pressure pipe with appropriate adapters on all portions of the sanitary sewer within 10 feet of the water line.
- Not allowed.
- Auger, bore & jack or microtunnel 10 feet minimum each side of sanitary sewer. Place one 20-foot joint of C-900 or C905, 150 psi, centered under sanitary sewer. Fill bore hole with bentonite/clay mixture or grout; 2 foot minimum clearance. OR
 - Replace the existing sanitary sewer with 150 psi lined ductile iron pipe, C-900 or other approved pressure pipe with appropriate adapters on all portions of the sanitary sewer within 10 feet of the water line.
- Minimum 20 foot joint of sanitary sewer, 150 psi lined ductile iron pipe, C-900 or other approved pressure pipe centered at the water line, 6 inch minimum clearance. Also center an 20 foot joint of water line over the sanitary sewer line. The sanitary sewer line shall be embedded in cement stabilized sand for one pipe segment plus 1 foot beyond each joint.
- Center a minimum 20 foot joint of sanitary sewer, 150 psi, lined ductile iron pipe, C-900 or other approved pressure pipe on water line.
 - Use cement stabilized sand backfill for all portions of the sewer within 10 feet of the water line, as measured perpendicularly from any point on the water pipe to the wastewater pipe (minimum 2.5 sacks cement per cubic yard of sand). The cement-stabilized sand bedding shall start at a point 6 inches below the bottom of the sanitary sewer to 6 inches above the top of the sanitary sewer and one quarter of the pipe diameter on either side of the sewer.
 - Center a minimum 20 foot joint of water line on the sanitary sewer line.

Table 3.3 PROTECTION REQUIREMENTS AT WATER LINE – FORCE MAIN CROSSINGS

PRIMARY CONDITION	PROPOSED WATER EXISTING FORCE MAIN				PROPOSED WATER PROPOSED FORCE MAIN OR EXISTING WATER PROPOSED FORCE MAIN			
SECONDARY CONDITIONS	WATER OVER FORCE MAIN		WATER UNDER FORCE MAIN		WATER OVER FORCE MAIN		WATER UNDER FORCE MAIN	
IF THE CLEARANCE IS	Less than 2'	Greater than 2' but less than 10'	Less than 2'	Greater than 2' but less than 10'	Less than 2'	Greater than 2' but less than 10'	Less than 2'	Greater than 2' but less than 10'
*Protection Requirement	1	2	3	4a or 4b	5	6a	3	6a & 6b

***PROTECTION REQUIREMENTS FOR FORCE MAIN CROSSINGS (All clearances shall be measured
from outside wall to outside wall)**

1. Construct water line with a 20-foot ductile iron section with all related appurtenances centered above the force main; 6-inch minimum clearance.
2. Construct water line with one 20 foot joint of C-900 or C-905 150 psi PVC centered above the force main.
3. Not allowed.
4. a. Auger, bore & jack or microtunnel 10 feet minimum each side of force main. Place one 20-foot joint of C-900 or C905, 150 psi, centered under sanitary sewer. Fill bore hole with bentonite/clay mixture or grout; 2 foot minimum clearance. OR
b. Replace the existing force main with 150 psi lined ductile iron pipe with appropriate adapters on all portions of the force main within 10 feet of the water line.
5. Center a minimum 20 foot joint of force main, 150 psi lined ductile iron pipe under water line and use cement-stabilized sand backfill for all portions of the sanitary sewer force main with 10 feet of the water line as measured perpendicularly from any point on the water pipe to the sanitary sewer force main pipe (minimum 2.5 sacks cement per cubic yard of sand). The cement-stabilized sand bedding shall be from a point 6 inches below the bottom of the sanitary sewer force main to 6 inches above the top of the sanitary sewer force main and one quarter of the pipe diameter of the sanitary sewer force main on either side of the sanitary sewer force main.
6. Minimum 20 foot of sanitary sewer force main, 150 psi lined ductile iron pipe centered at the water line.

3.4 QUALITY ASSURANCE

3.4.1 Prepare calculations and drawings prepared under the supervision of a Texas Professional Engineer trained and licensed under the disciplines required by the nature of the drawings. The final design drawings, must be sealed, signed and dated by the Professional Engineer responsible for development of the drawings.

3.4.2 For Elevated Stream and Ditch Crossings: Prepare design calculations for support columns and column spacing.

3.5 RECLAIMED WATER

3.5.1 Reclaimed water facilities shall meet or exceed the requirements of the TCEQ, as per 30 TAC Chapter 321, Subchapter P.

CITY OF LA MARQUE

CHAPTER 4

SANITARY SEWER DESIGN CRITERIA

CHAPTER 4 – SANITARY SEWER DESIGN

4.1 SANITARY SEWER DESIGN GENERAL

- 4.1.1 Criteria for the design of sanitary sewer service and collection lines are herein established. All sanitary sewer lines constructed within the City of La Marque or its Extraterritorial Jurisdiction (ETJ) shall follow these criteria and be in agreement with the City of La Marque Comprehensive Plan.
- 4.1.2 Design, construction and sizing of all sanitary sewer systems shall meet or exceed the requirements of the Texas Commission of Environmental Quality (TCEQ) as per 30 TAC Chapter 217.
- 4.1.3 The “City of La Marque” for the purposes of these criteria shall consist of all land within the city limits, and land located within the City’s ETJ.
- 4.1.4 Design and construction shall conform to the City of La Marque construction details and construction specifications.
- 4.1.5 This chapter addresses the design of the sanitary sewer systems to be located within the public right-of-way or a dedicated public easement. Sanitary sewers located on private property that are not in a dedicated public easement shall not be considered part of the publicly maintained sanitary sewer system.
- 4.1.6 The approving authority for the City of La Marque with respect to the sanitary sewer system design criteria shall be the City Engineer.

4.2 DEFINITIONS

- 4.2.1 Public Sanitary Sewer - Sewers that are maintained by the City of La Marque and located in dedicated public easements or street rights-of-way, including pre-existing sanitary sewer lines that are serving the public at the time of the adoption of these regulations, and new public sanitary sewers that are installed in accordance with these standards.
- 4.2.2 Private Sewer – Sewers that are constructed and maintained by a private entity. Private sewers shall be located on private property. Private sewers are subject to the design and construction requirements of the Plumbing Code.
- 4.2.3 Sanitary Sewer Main – A sewer which receives the flow from one or more lateral sewers.
- 4.2.4 Lateral Sewer – A sewer running laterally down a street, alley or easement which receives flow from abutting property.
- 4.2.5 Service Lead – A sewer which branches off of a public sewer and extends to the

limits of the public right-of-way. It shall be construed as having reference to a public sewer branching off from a main or lateral sewer to serve one or more houses, single family lots, or other types of small land tracts situated in the same block, but not directly adjacent to the main or lateral sewer. A service lead shall never exceed 100 feet in perpendicular length from the intersecting sewer main or lateral. If the sewer is designed to serve more than two houses, or the equivalent of two single family residences along a street, a lateral sewer as defined above shall be constructed.

- 4.2.6 Stack - A riser pipe constructed on main or lateral sewers which are deeper than 6 feet to facilitate construction of service leads or service connections.
- 4.2.7 Force Main - A pressure-rated conduit (i.e. ductile iron pipe, pressure-rated PVC, etc.) which conveys wastewater from a pump station to a discharge point.

4.3 DESIGN REQUIREMENTS

- 4.3.1 Easements: Sanitary Sewer Easements – the following minimum easements are required when facilities are not located within public street rights-of-way:
 - A. The width of all exclusive sanitary sewer easements shall be equal to the depth of the sewer from finished grade plus two (2) pipe diameters, rounded up to the nearest multiple of 5-feet. Sewer shall be located in the center of the easement. The minimum width of a sanitary easement shall be twenty (20') when not adjacent to public street rights-of-way.
 - B. Exclusive sanitary sewer easement adjoining a public right-of-way shall be a minimum of ten feet (10').
 - C. Exclusive easements for force mains of all sizes shall have a minimum width easement of fifteen feet (15') for a single force main where the force main is not located adjacent to a public right-of-way. Where the force main is located in an easement adjacent to public rights-of-way, the force main may be located at the center of a ten-foot (10') easement. Where the force main is located less than five feet (5') from the right-of-way line within the public right-of-way, the minimum easement width shall be ten feet (10') adjacent to the right-of-way.
 - D. Combined storm and sanitary sewer easements shall have minimum widths as required in Section 5.3.1 for storm sewer easements. Additionally, the sanitary sewer main, trunk or force main shall be located such that the centerline of the pipe shall be located in at least half the width of the easement, as defined in Section 5.3.1.C, but not less than seven and one-half feet (7.5'), from the edge of the easement.
 - E. For combined storm and sanitary sewer easements located adjacent to public rights-of-way where the sanitary sewer is located along the outside of the

easement, the centerline of the sanitary sewer pipe shall be located in at least half the width of the easement defined in Section 5.3.1.C, but not less than seven and one-half feet (7.5') from the outside edge of the easement.

- F. Where sanitary sewers or force mains are installed in easements separated from public rights-of-way by other private or utility company easements, the sanitary sewer easement should be extended along or across the private utility company easement to provide access for maintenance of the sewer or force main.

4.3.2 Drawings to be Furnished

- A. Before any sanitary sewer main or lateral sewer is constructed and before the City will approve any proposed sanitary sewer for construction, plan-and-profile sheets of the proposed sanitary sewer shall be prepared and submitted to the City for approval.
- B. These drawings shall become the property of the City of La Marque.
- C. Drawings shall include at a minimum layout sheets with contours, plan-and-profile sheets, and details sheets for special items.
- D. The construction drawings shall show at a minimum the exact location of the proposed sanitary sewer in the right-of-way, alley, or public easement with respect to the edge of the particular right-of-way, survey base line, any nearby utilities, 100-year floodplain elevation within the project area, major landscaping, and other structures (above ground and below ground) within the construction site.

4.3.3 Sanitary Sewer Mains and Lateral Sewers

- A. Sanitary sewers shall be identified by number, letter, or other identification as shown on the sanitary sewer layout sheet and manholes shall be identified by letter or number.
- B. Sanitary sewers must be shown in both plan and profile views.
- C. The profile shall show other underground and surface utilities and facilities, both in parallel and at crossings; the size, grade, and type of pipe of the proposed line, the elevations of the proposed line to the hundredths of a foot at manholes, changes of grade and clean outs where allowed; and the proposed finished grade over the sewer with elevations. Where proposed fill or cut is contemplated, the proposed new natural ground line should be shown as a separate line from the pre-existing natural ground line. Type of pipe, bedding and backfill shall comply with City of La Marque standard specifications and standard details, or if not available, shall comply with the City of Houston standard specifications and standard details.

- D. The construction drawings shall show the existing natural ground line at either the right-of-way or edge of easement when the proposed sanitary sewer is to be placed:
 - a. Between the existing pavement and the right-of-way line.
 - b. Between existing pavement and an existing or proposed easement.
- E. When a sanitary sewer is located under existing pavement, then the finished elevations of the pavement shall be shown on the construction drawings.

4.3.4 Plan and Profile Required for Sewer Mains

- A. Sanitary sewer overall layout sheets for single family residential subdivisions should use a standard engineering scale large enough to show the entire project on preferably one, but no more than two, standard 24"x36" sheets. In all cases, the following information must be shown on the layout.
 - a. All easements containing or buffering sanitary sewers, including corresponding recording information, if recorded by separate instrument.
 - b. Sanitary sewer sizes are shown at points of size change and between all manholes.
 - c. All manhole locations.
 - d. The sanitary sewer alignment shall accurately reflect in the plan and profile sheets the location of the sanitary sewer as shown on the detailed plan view. Alignment shall be stationed with 100-ft. stations.
 - e. Service leads that cross street pavement or serve adjacent property are to be shown on the overall layout.
 - f. The number, size, and layout of the lots depicted on both the overall sanitary sewer layout sheet and the individual plan-and-profile sheets shall match the number and size of the lots depicted on the final plat after recordation.
 - g. The direction of flow for existing and proposed sanitary sewers shall be shown on the overall sanitary sewer layout sheet.
 - h. The location of the proposed sanitary sewer within either the public right-of-way or a dedicated public easement.
 - i. The overall sanitary sewer layout sheet shall show the area, in acres or in number of lots plus any acreage outside the project area, which

the proposed sewer is designed to serve. Include a vicinity map which references the project or lots to nearby major thoroughfares.

- B. Commercial sanitary sewer layouts shall follow the same overall layout sheet format.
- C. Horizontal and vertical scales for the detailed plan-and-profile views shall be \ confined to standard engineering scales.
- D. The plan view shall show, at a minimum, all of the following information for the project area:
 - a. Topographical features.
 - b. Stationing for the proposed sewers.
 - c. All existing utilities including gas, power, telephone, fiber optic, cable , etc.
 - d. Any significant landscaping or other structures which might impact construction or construction-related activities.
 - e. The width and type of existing and/or proposed easements.
 - f. Proposed service leads.
 - g. The limits of any proposed bore and jack, microtunnel, or auger operations.
 - h. Locations where pressure pipe is to be installed for water line crossings.
 - i. The proposed sanitary sewer with pipe diameter, length, material type, and grade clearly labeled.
- E. The profile view shall show, at a minimum, all of the following information for the project area:
 - a. Underground and surface utilities/facilities which are either parallel to the proposed sanitary sewer or cross the proposed sanitary sewer within the construction site.
 - b. The proposed sanitary sewer's diameter, grade, length, and material type for each section between manholes. This shall be labeled on every applicable page and identified as "proposed."
 - c. The flowline elevation and centerline station for every sanitary sewer at every manhole.

- d. The top of rim elevation of affected existing and proposed manholes.
 - e. The flowline elevation and centerline station at each sheet break.
 - f. The type of pipe bedding and backfill shall comply with City of La Marque standard specifications and standard details where applicable.
 - g. The finished grade for proposed and existing pavement. Where cut and fill are proposed, the proposed new natural ground line should be shown as a separate line from the existing natural ground line.
 - h. The existing natural ground line at the centerline of the sanitary sewer when a sewer is to be placed between the edge of pavement and the public right-of-way. In the cases where roadside ditches exist, the centerline elevations of the roadside ditch shall be shown.
 - i. The existing ground line at the centerline of the proposed sanitary sewer where a sanitary sewer is to be placed within an existing easement. Show any proposed cut and fill as described above.
 - j. The limits of any proposed bore and jack, microtunnel, or auger operations.
 - k. Locations and limits of where pressure pipe is to be installed for water line crossings.
 - l. The location of special backfill and any proposed stacks shall be identified by stations indicated on the design plans.
 - m. Avoid vertical breaks in profiles. Use alternate scale for all profile sheets if all of proposed sanitary sewer cannot be shown on any one profile section for the station run indicated in plan view for that sheet.
- F. All construction drawings for new sanitary sewers shall show the proposed location, by stations and offsets, of all service leads, and service connection risers.

4.3.5 Service Lead Construction for Residential and Commercial Developments

- A. Space the location of service leads so as to limit the number of service lead taps to the lateral sewer or sewer main. Service leads should be spaced at every other property line between two adjoining residential lots unless there is an odd number of lots. The City reserves the right to direct the engineer to relocate any proposed service lead upon reviewing any submitted plans. A single 6-inch service lead located at the property line between two adjoining residential lots would serve two single-family residences with a wye placed at

the end of the service lead. The wyes shall be located at the private property line.

- a. Near side double sewer service leads shall not exceed 5 feet in length, shall terminate at the property line, and shall be located within the public right-of-way or public easement.
 - b. In cases where the sanitary trunk main is further than 5 feet from edge of the right-of-way, a single 6-inch service shall be run from the sewer main to the edge of the right-of-way whereupon a wye shall be placed as described above. This shall apply to residential sanitary service leads and not to commercial service taps.
- B. Any far side service lead of more than 150 feet perpendicular to the street right-of-way shall be treated as a lateral sewer.
- C. Service leads for single-family developments should connect to the manhole whenever practical. Commercial or industrial service leads expected to discharge more than 5000 gallons-per-day shall discharge directly into a proposed or existing sanitary sewer manhole. Where the flowline of the service lead is 30 inches or greater above the flow line of the manhole, provide a standard drop manhole.
- a. Service leads shall be provided to serve each lot or parcel within a proposed residential, commercial or industrial development. The detail for a typical near-side and far-side service leads shall be included with the construction drawings.
 - b. Service leads shall be a minimum of 6 inches in diameter where two or more lots or parcels are served. If the perpendicular length of a service lead exceeds 100 feet, it shall be considered a lateral sewer, the minimum diameter shall be 8 inches, it shall end in a manhole, and a manhole shall be utilized for connection to the public sewer.
 - c. In such cases where a service lead is proposed to run diagonally across the street, prior approval from the City Engineer must be obtained.
 - d. Service leads with a diameter of 6 inches shall utilize full body fittings be they extruded or factory-fabricated for connection to a proposed public sewer or an approved saddle-type connector for connection to an existing public sewer.
 - e. PVC saddle-type connectors with gasket and stainless steel straps shall be installed with the stub oriented 45 degrees from the springline. Tees may be oriented the in the same manner.
 - f. The service lead shall be placed so as to minimize the use of bends as

site conditions permit.

- g. For existing residential lots (which are not served in accordance with these guidelines) that need a service lead, if the distance to the nearest existing sanitary sewer is less than 60 feet, the service lead shall be a 6 inch service tap if only one lot or parcel is to be served. Commercial and industrial lots and parcels shall have a minimum 6 inch service tap under the same conditions.
- h. The location where the service lead or wye meets the property line shall be shown on the plans and as-builts, and marked in the field as shown on the standard details. There shall be a riser placed where the service lead meets the property line so that the service lead stub-out can be recovered at the time that the connection to the service lead is made.
- i. All service leads shall be installed at the time of the construction of the sanitary sewer in new residential subdivisions.

4.3.6 General Requirements

- A. A licensed plumber shall be responsible for connecting private residential sanitary sewer service to the public sanitary sewer system, to wyes and/or tees or to lateral sewers as indicated on the plans. Said licensed plumber shall be responsible for a properly installed and watertight private residential service connection.
- B. Commercial service connections to the public sanitary sewer shall be made at manholes.
- C. Materials and construction shall conform to the City of La Marque Standard Specifications and Standard Details where applicable.
- D. All constructed sanitary sewer lines shall be air tested for leaks and a mandrel pulled for structural defects. All sanitary sewer testing shall comply with or exceed the procedures and qualifications listed in Texas Administrative Code, Chapter 217.57. Manhole testing shall comply with or exceed the procedures and qualifications listed in Texas Administrative Code, Chapter 217.58.
- E. All public sanitary sewers and service leads shall have bedding and backfill that shall comply with or exceed City of La Marque Standard Specifications and Details. Those sanitary sewers that are bore and jacked, microtunneled, augured, or encased in a steel pipe may require special bedding and backfill.
- F. Backfill shall be in accordance with Standard Details.

- G. Public sanitary sewers and force mains shall be located in either the public right-of-way or public easements. Side lot and back lot easements are not allowed. The location of the sanitary sewer within a dedicated public easement shall be along the centerline of the proposed public easement or as close to the centerline as can be designed. In those instances where the public easement is adjacent to the public right-of-way, the lateral location of the sanitary sewer shall be at the discretion of the Design Engineer with City approval.
- H. The drawings of the sanitary sewer shall show the location of any existing pipe or duct that might interfere with the construction of the sanitary sewer and call to the attention of the City any known obstacles that might be encountered in constructing the sanitary sewer in any location under consideration. The Professional Engineer of Record shall determine the existence of pipes, ducts, obstacles and other utilities (i.e. gas, telephone, electric, fiber optic, cable, etc.) from a visual survey on the ground plus research of the public records and private records when available.
- I. Sanitary sewers within the City of La Marque's jurisdiction shall be designed and installed at such a size and depth as to allow for orderly expansion of the system, so as to avoid duplication in the future.
- J. Sanitary sewers shall be separated from water lines by a minimum of 9 feet of horizontal clearance. See Chapter 3 Water System Design for water and sanitary sewer crossing design criteria.
- K. Sanitary sewers shall be separated from storm sewer lines by a minimum of 4 feet of horizontal clearance and the storm sewer line shall be above the sanitary line where possible.
- L. For sanitary sewers crossing utilities other than water or storm sewer (i.e. gas, telephone, electric, fiber optic, cable, etc.) a minimum of 12 inches of horizontal clearance shall be maintained as measured from outside wall to outside wall.

4.3.7 Line Size

- A. The minimum pipe diameter for a public sanitary sewer main or lateral sewer other than a service lead shall be 8 inches.
- B. Service leads 6 inches in diameter shall not serve more than the equivalent of 2 single family lots or other equivalent types of small land tracts. Four inch service leads are not allowed.
- C. Service leads for single family residential lots shall have a recommended grade of 0.70% and a minimum grade of 0.50% for a 6 inch line.

- D. For commercial service leads such as street bores, the required size of the line shall be established from the plumbing drawings. Commercial, industrial, and office areas shall be designed for an average daily flow that can be anticipated from the contributing service area.
- E. Commercial sewer service leads shall be 6 inch pipe or larger. A single 6 inch commercial service connection shall not serve more than one commercial lot or parcel. Four inch service leads for commercial developments are not allowed.
- F. Sewer mains and lateral sewers shall meet at a manhole. Sewer mains and lateral sewers shall end in a manhole.
- G. The City Engineer shall have final review and approval authority as to the size and depths required for sanitary sewer mains and lateral sewers.

4.3.8 Line Depth

- A. The sanitary sewer should be laid with the top of the pipe a minimum of 4 feet below the surface of the natural ground or finished grade.
- B. Sanitary sewers laid in street rights-of-way with a curb and gutter section shall have a minimum cover of 4 feet from the top of the pipe to the flowline elevation of the gutter in the street at all locations. The Professional Engineer of Record shall account for any anticipated future sanitary sewer extension whereas the future sanitary sewer extension shall have a minimum 4 feet of cover from the top of the pipe to the flowline of the gutter of the street. The Professional Engineer of Record shall adjust the depth of the proposed pipe accordingly. The City of La Marque reserves the right to require greater depth where the need is perceived by the City.
- C. Sanitary sewers laid in street rights-of-way with crowned roads and roadside ditches shall have a minimum depth of 5 feet from the crown of the road to the top of the pipe and an absolute minimum cover of 4 feet below the flowline of a roadside ditch when non-rigid pipes of low hoop strength are used. The City of La Marque shall have final determination on any deviation from these criteria.
- D. Where the cover over the pipe is less than 4 feet, the sanitary sewer shall be laid with Class 150 pressure pipe, steel pipe or ductile iron pipe. Class 150 pressure pipe must be backfill with cement stabilized sand in accordance with the Standard Details. Ductile iron pipe may be used but shall be lined with either a polyethylene or polyurethane coating with manufacturer recommendation and applied by the pipe manufacturer. The minimum liner thickness shall be 40 mil. Other rigid pipe or pressure pipe will be considered for approval on a case-by-case basis.

- E. Maximum depth for 8-12 inch diameter collection lines shall be 20 feet from average ground surface to sanitary sewer invert. Depths greater than 20 feet shall require the use of Class 150 pressure pipe with backfill in accordance with the Standard Details. Ductile iron pipe may be used but shall be lined with either a polyethylene or polyurethane coating with manufacturer recommendation and applied by the pipe manufacturer. The minimum liner thickness shall be 40 mil.

4.3.9 Line Grades

- A. The following table lists the minimum grade for 6-inch to 27-inch diameter public sanitary sewers. The recommended velocity for a sanitary sewer flowing full shall be 2.3 feet per second (fps). The minimum velocity for a sanitary sewer flowing full shall be 2.0 feet per second (fps). The maximum recommended grade shall be calculated by the Professional Engineer of Record for a maximum velocity of 4.5 fps based on a Manning equation for full flow with the Manning's "n" equal to 0.013.

PIPE SIZE (I.D., In.)	MINIMUM GRADE (PERCENT)
6	0.70
8	0.44
10	0.33
12	0.26
15	0.19
18	0.15
21	0.13
24	0.11
27	0.087

- B. For sewers larger than 27 inches in diameter, the Professional Engineer of Record shall determine the appropriate grade utilizing Manning's Formula, using a minimum full pipe velocity of 2.fps.

4.3.10 Gravity sanitary sewers shall be laid in straight alignment with uniform grade between manholes. Non-uniform grade change without the use of manholes at the grade change is not allowed.

4.3.11 Manholes

- A. Type: Manholes shall be precast concrete manholes in accordance with the standard detail. Some sewer configurations may require the use of Corrosion Resistant Manholes with specific approval by the City. It shall be the responsibility of the Professional Engineer of Record to ensure that the precast manholes conform to the latest ASTM requirements. Manhole covers

shall have the City of La Marque logo on them. All manholes shall be installed with stainless steel or polyethylene manhole inserts with 1/8 inch vents and strap handles.

- B. Location: Manholes shall be placed at changes in alignment, changes in grade, changes in size of sanitary sewers, at the intersection of sanitary sewers, junction points, and either at street, alley, or easement intersections.

a. The maximum distance between manholes shall be determined from the following table for 8 inch to 48 inch pipe diameters. Spacing for manholes on sewer mains with diameters larger than 48 inches shall be recommended on an individual basis by the Professional Engineer of Record subject to City of La Marque approval.

PIPE DIAMETER IN INCHES	MANHOLE MAXIMUM SPACING IN FEET
8-15	400
18-48	800
>48	Per PE of Record, subject to City of La Marque Approval

- b. Place manholes at the dead-end of sewer mains and lateral sewers.
- c. Manhole covers shall be cast iron, traffic bearing type ring and cover.
- d. Criteria for Manhole Junctionures
- (1) Connections between public sanitary sewers and the manhole shall adhere to the following criteria.
- (a) The elevation of the crown of the discharging sanitary sewer shall match the elevation of the crown of the receiving sanitary sewer for both equal and unequal pipe diameters.
- (b) Drop manholes are allowed. A drop connection or drop manhole is required when the difference in elevation between the effluent flowline and the influent flowline is greater than 30 inches.

4.3.12 Manholes should be located as to minimize or eliminate the inflow of stormwater into the sanitary sewer. The top of manhole rim shall be set a minimum of 3 inches above the surrounding finished grade when the manhole is not in a paved roadway. Sealed manholes are required on all newly constructed manholes within the 100-year flood plain. Under no circumstances shall the elevation of the top of rim of a sanitary sewer manhole be below the 100-year base flood elevation for the area in

which it is built.

4.3.13 Manholes shall be constructed in accordance with the Standard Details where applicable. All manholes shall include rubber seals precast into the manhole for pipe inserts (no cement or grout). Precast manholes shall incorporate a boot-type connector for sanitary sewer diameters up to 24 inches. For sanitary sewer diameters greater than 24 inches, utilize either the boot-type connector (if available) or an integral gasket.

4.3.14 Steps in manholes are not allowed.

4.3.15 All manhole adjustments shall be made with precast concrete rings when an additional precast vertical section is too large. No brick manholes are allowed.

4.3.16 All manholes shall be tested by the construction contractor and results provided to the City of La Marque before being accepted by the city for maintenance. The City of La Marque reserves the right to require retesting of manholes if there is reason to question the results. All manhole testing shall comply with or exceed the procedures and qualifications listed in Texas Administrative Code, Chapter 217.58.

4.3.17 Lift Stations

- A. Lift station design and construction drawings as well as design requirements and pertinent data shall be sealed by a Professional Engineer registered in the State of Texas and submitted with the construction drawings for review by the City. Lift stations shall comply with Texas Administrative Code, Chapter 217.59-217.63.
- B. Lift Stations should be considered only when a gravity system cannot be achieved from both an engineering and an economic standpoint. Lift stations should only be considered with prior approval from the City of La Marque or where the lift station is designed to be temporary in nature.
- C. Operation and maintenance should be considered in the design of the lift station and the location of the lift station.
- D. Wet Wells
 - a. Provide adequate clearance between pumps so as to easily facilitate retrieval of a pump (refer to manufacturer's recommendations). A minimum of 2 feet of clearance shall be provided between pumps and walls.
 - b. Wet well working volume shall be sized to allow for the following minimum pump cycle times:

Pump Horsepower (largest pump)	Minimum Cycle Time (minutes)
Less than 50	6
50-100	10
Over 100	15

- c. Tie reinforcing steel in lift station base to walls to provide watertight wet well (includes caisson construction).
- d. The below grade wet well and valve vaults are subject to buoyant forces. Include buoyancy calculations to ensure that the structure weight (include walls and slab only) will be sufficient to offset these forces.

E. Lift Station Site

- a. Site shall have a minimum size of 50 feet by 50 feet.
- b. Site access shall be provided by a minimum 15-foot wide public right-of-way or permanent access easement.
- c. Provide a 14-foot wide asphalt or concrete vehicular access road to the site. Drive shall terminate adjacent to the station with a parking space such that a truck mounted hoist can remove pumps. Lift Station located within or adjacent to a residential subdivision shall be required to have a concrete driveway.
- d. Wet well or dry well structures shall be a minimum of 12 feet from outside walls of structure to site boundary fencing.
- e. Indicate method of drainage of site on site plan. Internal drainage, sheet flow, and valley gutter driveways are acceptable. Drain to street or storm sewer, never onto adjacent private property.

F. Site Security

- a. Lift station shall be enclosed in a building or fenced in such a way to deter unauthorized operation, vandalism, or terrorism.
- b. Fence shall be constructed of masonry, CCA cedar, or heart redwood, with steel posts set in concrete. Fence shall be at minimum 8 feet high.
- c. Fence shall be located completely inside the site boundary.

- G. The design of the lift station, including all electrical and mechanical equipment, must be designed to withstand and operate during a 100-year

flood event. The lift station's control panel shall be located a minimum of 2 feet above the nearest base flood elevation. The top of concrete of the lift station's wet well shall be a minimum of 2 feet above the nearest base flood elevation.

- H. Pumps shall be sized to operate at optimum efficiency. Minimum acceptable efficiency at the operating point shall be 60%. Include pump and system head curves and pump information summary chart on plans.
- I. A peak factor of 4 shall be used for Lift Station design.
- J. Low water level shall be at least 6 inches above impeller, higher if required by manufacturer. Complete immersion of submersible pump motor at low water level is preferred.
- K. Vent pipe shall be 8 inches minimum diameter and shall be equipped with odor control system.
- L. Nuts, bolts, chains, and all other metal components within wet well shall be stainless steel, not carbon steel.
- M. Dual stainless steel guide rails (or other pump removal method that avoids entering wet well) are required for submersible pumps.
- N. Bedding for PVC force main is bank sand, a minimum of 6 inches on all sides of pipe.
- O. PVC force mains shall be Pressure Class 150 or DIP bedded in bank sand and polyethylene wrapped.
- P. The velocity in the force main and riser pipes shall be less than 8 fps and greater than 2 fps.
- Q. Backfill structural excavations (wet well, etc.) with cement stabilized sand.
- R. Lift station site plans shall be submitted in scales of 1 inch = 5 feet or 1 inch = 10 feet.
- S. Provide a protective coating to interior walls of wet well. The City Engineer shall approve coating or additive used.
- T. Lift station shall be equipped with a telephone dialer and a red alarm light, approved by City. A float or transducer system shall be installed and shall be connected to telemetry system to monitor the status of the lift station.
- U. Power supply to lift station shall be 3 phase and 480 volts where possible.

- V. A system of floats or approved transducer system shall be provided to control pumps.
- W. A tee, plug valve, and blind flange assembly are required on the force main on the downstream side of the discharge valves and header. This is required so truck-mounted pumps can bypass the lift station pumps and piping while emergency repair or maintenance work is being done.
- X. Lift station must be equipped with a tested quick-connect mechanism or a transfer switch properly sized to connect to an on-site generator.
- Y. All lift station shall be required to have on-Site Generators. Generators must be sized to operate the lift station at its firm pumping capacity or at the average daily flow, if the peak flow can be stored in the collection system.

4.3.18 Design Analysis

- A. Calculations of design flows for the overall development or project shall be approved by the City of La Marque.

4.4 QUALITY ASSURANCE

4.4.1 Prepare calculations and construction drawings under the supervision of a Professional Engineer trained and licensed under the disciplines required by the drawing. The final construction drawings must be sealed, signed, and dated by the Professional Engineer responsible for the development of the drawings. If more than one Professional Engineer was responsible for the development of the design/construction drawings, then the appropriate Professional Engineer should seal the drawings he is responsible for.

4.5 UNSEWERED BUILDING SITES AND SEPTIC TANKS

4.5.1 It is the responsibility of the land owner to contact the City to determine if a site has sanitary sewer service available.

4.5.2 If a lot or parcel is within 500 feet of an existing sanitary sewer then the site shall tie-on to the existing sanitary sewer. The owner/developer must pay for all materials, installation, and testing before the city will accept the sewer for maintenance.

4.5.3 Building sites proposing On-Site Sewage Facilities (OSSF) (i.e. septic tanks) shall obtain approval and applicable permits from the Galveston County Department of Environmental Health. A copy of the permit shall be provided to the City of La Marque prior to OSSF installation.

CITY OF LA MARQUE

CHAPTER 5

STORM WATER DRAINAGE DESIGN CRITERIA

CHAPTER 5 – STORM WATER DRAINAGE DESIGN

5.1 STORM WATER DRAINAGE DESIGN GENERAL

- 5.1.1 The following sections include criteria for the design of storm water drainage improvements for the City of La Marque and its Extraterritorial Jurisdiction (ETJ). Refer to each Drainage District Criteria Manual for complete methodologies, descriptions, tables and charts.
- 5.1.2 Drainage approval by the City of La Marque is required for all development within city limits and within its extraterritorial jurisdiction. All drainage facilities proposed within these limits are to adhere to these criteria.
- 5.1.3 Development within the City of La Marque or its extraterritorial jurisdiction will also require the approval of the applicable Drainage District. Galveston County Drainage District No. 1 and No. 2.
- 5.1.4 All outfall pipes, ditches, and structures that enter Drainage District Channels or Facilities shall be designed according to requirements of the applicable Drainage District. If there is a discrepancy in the drainage criteria requirements between the City and applicable Drainage District, the City Engineer shall determine which criteria to apply.
- 5.1.5 Development and drainage shall comply with all applicable City of La Marque Ordinances, including, but not limited to, the Floodplain Ordinance.
- 5.1.6 The goal for these criteria is to provide protection in a 100-year storm event. This is accomplished with the application of various drainage enhancements such as storm sewers, roadside ditches, open channels, detention, and overland (sheet) runoff. The combined system is intended to prevent structural flooding from extreme events up to a 100-year storm. In order to protect existing properties, water levels, due to runoff, shall not be increased upstream or downstream of a development due to the improvement.
 - A. Street Drainage: Street ponding of short duration in significant storms is anticipated and designed to contribute to the overall drainage capability of the system. Storm sewers and roadside ditch conduits are designed as a balance of capacity and economics. These conduits are designed to convey less intense, more frequent 5 year storms with the intent of allowing for traffic movement during these events. When rainfall events exceed the capacity of storm sewer system, the additional runoff is intended to be stored or conveyed overland in a manner that reduces the threat of flooding to structures.
 - B. Flood Control: The City of La Marque is a participant in the National Flood Insurance Program. The intent of the flood insurance program is to make insurance available at low cost by providing for measures that reduce the likelihood of structural flooding.

- C. Relationship to the Permitting Process: Approval of storm drainage is a part of the review process for platting and permitting of the new development. All plans for plats and proposed new construction shall include drainage improvements in the plans submitted to the City Engineer.

5.2 DEFINITIONS

- 5.2.1 Conduit: Any open or closed device for conveying flowing water.
- 5.2.2 Drainage Area Map: Area map of watershed which is subdivided to show each area served by each subsystem.
- 5.2.3 GCDD No. 1: Galveston County Drainage District No. 1.
- 5.2.4 GCDD No. 2: Galveston County Drainage District No. 2.
- 5.2.5 FEMA: Federal Emergency Management Agency.
- 5.2.6 Hydraulic Grade Line: A line representing the pressure head available at any given point within the drainage system.
- 5.2.7 In-Fill Development: Development of open tracts of land in areas where the storm drainage infrastructure is already in place and takes advantage of the existing infrastructure as a drainage outlet.
- 5.2.8 Public Storm Sewers: Defined as sewers and appurtenances that provide drainage for a public right-of-way, or more than one private tract, and are located in public right-of-way or easement and officially accepted by the City for maintenance. Private storm sewer connections public storm sewers shall occur at a manhole or at the back of an inlet, as approved by the City. All private storm sewers shall be constructed in conformance with these standards.
- 5.2.9 Rational Formula: A method for calculating the peak runoff for a storm drain system.
- 5.2.10 Redevelopment: A change in land use that alters the impervious cover from one type of development of either the same type or another type, and takes advantage of the existing infrastructure in place as drainage outlet.
- 5.2.12 Sheet Flow: Overland storm runoff that is not conveyed in a defined conduit, and is typically in excess of the capacity of the conduit.

5.3 DESIGN REQUIREMENTS

- 5.3.1 Storm Sewer Easements – the following minimum easements are required when facilities are not located within public street rights-of-way:
 - A. When not adjacent to public street rights-of-way, the minimum width shall be twenty feet (20') with the storm sewer centered in an exclusive easement.

- B. For storm sewers greater than eight feet (8') and less than or equal to twelve feet (12') in diameter or width, the minimum width of an exclusive easement shall be twenty-five feet (25').
 - C. For storm sewer greater than twelve feet (12') in diameter or width, the minimum width of an exclusive easement shall be determined by the City Engineer.
 - D. For storm sewers whose depth to flow line is greater than fifteen feet (15'), add five feet (5') to the 20 feet (20') minimum easement width.
 - E. For all easements specified, a minimum distance of five feet (5') must be maintained from the easement line to the outside edge of the storm sewer.
 - F. Where approvals are granted for a special use or combination easement located along side lot or back lot, the minimum width shall be twenty-five feet (25'). The easement width shall meet or exceed all other easement requirements.
 - G. For specifically approved storm sewers located in an exclusive easement adjacent to public rights-of-way, the minimum easement width shall be ten feet (10'). The easement width shall meet or exceed all other easement requirements.
- 5.3.2 All projects shall be tied to National Geodetic Survey (NGS) Datum Adjustment which matches the Federal Emergency Management Agency (FEMA) rate maps or the most current NGVD which matches the FEMA rate maps. At least two references to bench marks relating to the FEMA rate maps must be identified. Equations may be used to translate other datum adjustments to the required adjustment.
- 5.3.3 Plan sets will include a drainage area map which shall contain all storm sewer drainage calculations.
- 5.3.4 All drainage systems for curb and gutter pavements shall be underground closed conduits; individual residential lot drainage is exempt. Drainage systems for pavements without curb and gutter shall be roadside open-ditch sections.
- 5.3.5 Plan sets shall include the 5 year Hydraulic Grade Line for storm sewers and roadside ditches on the plan and profile sheets.
- 5.3.6 The quantity of storm water runoff (peak discharge) shall be determined for each inlet, pipe, roadside ditch, channel, bridge, culvert, outfall, or other designated design point by using the following criteria:
- A. Determination of Runoff:

Design storm Events - All drainage improvements shall be designed for the following storm frequencies:

Roadside Ditches	5 years
Storm Sewers	5 years
Open Drainage Channels serving less than 100 acres	25 years
Secondary Arterials	25 years
Bridges	100-years
Creeks/Channels	100-years
Detention Facilities	100-years

- B. Intensity-Duration Curves: TxDOT Manual provides intensity-duration values to be used for storm sewer and roadside ditch design in the City of La Marque. These intensities are derived from the formula:

$$I = \frac{b}{(d+t_c)^e}$$

Values are as listed below:

Rainfall Intensity-Duration-Frequency Coefficient						
for Galveston County						
Coefficient	3-year	5-year		25-year	50-year	100-year
e (in)	0.782	0.739		0.727	0.704	0.69
b	77	66		85	88	85
d (mins)	11.9	7.6		7.6	7.6	7.8

- C. The Rational Method shall be used for determining the peak flow rate in the sizing of all local drainage improvements with drainage areas less than 100 acres.
- D. Coefficients for the Rational Method:
- a. Run-Off Coefficient: The following values for the run-off coefficient “C” in the Rational Method formula will vary based on the land use. Land use types and “C” values which are to be used in La Marque are as follows:

<u>Land Use Type</u>	<u>Run-Off Coefficient</u>
Raw Undeveloped Acres	0.20

Improved Undeveloped Acres (i.e. mowed filled, regraded, etc.)	0.30
Park Land	0.20
Residential:	
Single Family Lots greater than 0.75 acre	0.35
Single Family Lots 0.25 acre to 0.75 acre	0.45
Single Family Lots less than 0.25 acre	0.55
Townhomes/Patio Homes	0.65
Commercial	0.80
Multifamily	0.80
Industrial	
50% impervious	0.65
75% impervious	0.75
95% impervious	0.85
Pond (detention and amenity)	1.00

- b. Determination of Time Concentration: Time of concentration shall be calculated based upon an analysis of the actual travel time from the most remote point in the drainage area. The travel path should be clearly denoted and a sketch included in the design calculations.

E. Design Frequency:

a. Design Frequency:

- (1) Newly Developed Areas: The design storm event for sizing storm sewers in newly developing areas will be a 5-year rainfall. Detention shall be provided and in accordance with Section 5.3.6 J. Calculations shall show that water surface elevations are not increased upstream or downstream of the tract.
- (2) Redevelopment or In-Fill Development: The existing storm drain will be evaluated using a 5 year storm, assuming no development takes place. The storm drain will then be evaluated with the development in place.
 - (a) If the proposed redevelopment has a lower or equal impervious cover, no modifications to the existing storm drain are required.
 - (b) If the impervious cover is increased, detention shall be provided in accordance with Section 5.3.6 J.
- (2) Private Drainage Systems: Storm sewers for private drainage systems shall conform to the requirements of public drainage systems.

b. Velocity Considerations:

- (1) All storm drains shall be designed by the application of the Continuity Equation and Manning's Equation.
- (2) Design velocities shall be a minimum of 2 feet per second (fps) with the pipe flowing full.
- (3) Maximum velocities should not exceed 7 feet per second.
- (4) Minimum Storm Sewer Pipe Slopes:

(5)

<u>Pipe Diameter</u>	<u>% Slope</u>
24	0.07
30	0.05
36	0.04
42	0.032
48	0.027
54	0.023
60	0.020

For pipe sizes not listed above, the minimum slope should be determined utilizing a design velocity of 2 fps.

c. Pipe Sizes and Placement:

- (1) Use the storm sewer and inlet leads with at least 24 inch inside diameter or equivalent cross-section. Box culverts shall be at least 2'x2'. Closed conduits, circular, elliptical, or box, shall be selected based on hydraulic principals and economy of size and shape.
- (2) Larger pipes upstream should not flow into smaller pipes downstream unless the upstream system is intended for use in detention.
- (3) Match crowns of pipe at any size change.
- (4) Locate public storm sewers in public street rights-of-way or in dedicated drainage easements. Side and back lot easements are discouraged. If unavoidable, the easement shall be at least 20 feet wide with the storm sewer centered in the easement.
- (5) Follow the alignment of the right-of-way or easement when designing cast-in-place concrete storm sewer easements.

- (6) A straight line shall be used for inlet leads and storm sewers.
- (7) Center storm sewer in side-lot storm sewer easements.
- (8) Provide 5 feet minimum from edge of pipe to edge of easement.
- d. Starting Water Surface and Hydraulic Gradient:
 - (1) The hydraulic gradient shall be calculated assuming the top of the outfall pipe as the starting water surface.
 - (2) At drops in pipe invert, should the upstream pipe be higher than the hydraulic grade line, then the hydraulic grade line shall be recalculated assuming the starting water surface to be at the top of pipe at that point.
 - (3) For the design storm, the hydraulic gradient shall at all times be below the gutter line for all newly developed areas.
- e. Manhole Locations:
 - (1) Use manholes for precast conduits at the following locations:
 - (a) Size or cross-section changes.
 - (b) Inlet and conduit intersections.
 - (c) Changes in pipe grade.
 - (d) A maximum spacing of 500 feet measured along the conduit run.
 - (e) Manholes shall be placed so as not to be located in driveways.
- f. Inlets:
 - (1) Locate inlets at all low points in gutters.
 - (2) Valley gutters across intersections are not permitted.
 - (3) Inlet spacing is generally a function of gutter slope. For minimum gutter slopes, the maximum spacing of inlets shall result from a gutter run of 500 feet from high point in pavement or the adjacent inlet on a continuously graded street section, with a maximum of 1000 feet of pavement draining towards any one inlet location.
 - (4) Use only Standard Inlets:

<u>Inlet</u>	<u>General Application</u>	<u>Capacity</u>
Type A	Parking Lots/Small	2.5 cfs
Type B-B	Areas	5.0 cfs
Type C	Residential	5.0 cfs
Type C-1	Streets	10.0 cfs
Type D	Commercial	2.0 cfs
Type E	Parking Lots	20.0 cfs
	Roadside Ditches	

- (5) Beehive grate inlets or other specialty inlets are not allowed.
- (6) Do not use grate top inlets in an unlined roadside ditch.
- (7) Place inlets at the end of the proposed pavement, if drainage will enter or leave pavement.
- (8) Do not locate inlets adjacent to esplanade openings.
- (9) Place inlets on side streets intersecting major streets, unless special conditions warrant otherwise.

F. Consideration of Overland Flow:

- a. Design Frequency: The design frequency for consideration of overland sheet flow will consider extreme storm events which exceed the capacity of the underground storm sewer system resulting in ponding and overland sheet flow through the development to the primary outlet.
- b. Relationship of Structure to Street: All structures will be at least 24 inches higher than the highest level of ponding anticipated resulting from the 100-year event analysis.
- c. Calculation of Flow:
 - (1) Streets will be designed so that consecutive high points in the street will provide for a gravity flow of drainage to the ultimate outlet.
 - (2) The maximum depth of ponding will be 12 inches above the curb gutter, or 6 inches above the centerline of roads without curb, during the 100-year storm event.
 - (3) Sheet flow between lots can be provided only through a dedicated drainage easement.

- (4) A map shall be provided to delineate extreme event flow direction through a proposed development and how this flow is discharged to the primary drainage outlet.

In areas where ponding occurs and no sheet flow path exists, then calculations showing that run-off from the 100-year event can be conveyed through inlets to the storm system and/or detention pond must be provided.

- d. Overland flow shall enter the drainage facilities (channels or detention pond) through a storm sewer sized to convey the 100-year event. Calculations shall be submitted for sizing the storm sewer and determining that adequate inlet capacity exists.

G. Design of Open Channels:

a. Design Frequency:

- (1) Open channels shall be designed according to the Galveston County Drainage Criteria Manual, or the applicable Drainage District, whichever is more stringent.
- (2) Design standards for channel construction should follow the requirements specified in the corresponding Criteria Manual.

b. Determination of Water Surface Elevation:

- (1) Water surface elevations shall be calculated using Manning's Equation and the Continuity Equation.
- (2) For the design storm event, the water surface should be calculated to remain within banks and below freeboard.

c. Design of Culvert Crossings for Open Channels:

- (1) Head losses in culverts shall conform to TxDOT Design Division Hydraulics Manual, Chapter 7 - Culverts.
- (2) Culverts shall be Class III RCP conforming to ASTM C-76 or smooth interior dual wall corrugated polyethylene pipe conforming to AASHTO M294.

- d. Channels shall be seeded or sodded and a permanent stand of grass obtained prior to project acceptance.

H. Design of Roadside Ditches:

a. Design Frequency:

- (1) Roadside ditch design is permissible only for single family residential lots having widths larger than, or equal to, 120 feet.
- (2) Design capacity for a roadside ditch shall be to 0.5 feet below the edge of pavement or the natural ground at the right-of-way line, whichever is lower.
- (3) The design must include an extreme event analysis to indicate that structures will not be flooded.

b. Velocity Considerations:

- (1) A grass lined or unimproved roadside ditch shall have side slopes no steeper than 3:1.
- (2) Minimum grades for roadside ditches shall be 0.1 foot per 100 feet.
- (3) Calculation of velocity will use a Manning's roughness coefficient of 0.040 for earthen sections and 0.025 for ditches with paved inverts.
- (4) Use erosion control methods acceptable to the City when design velocities are expected to be greater than 4 feet per second.

c. Culverts:

- (1) Culverts will be placed at all driveway and roadway crossings, and other locations where appropriate. Permanent low water crossings are not permitted.
- (2) Culverts will be designed assuming outlet control.
- (3) Roadside culverts are to be sized based on drainage area. Calculations are to be provided for each block based on drainage design criteria presented in this manual.
- (4) Cross open channels with roadside culverts no smaller than 18 inches in diameter. The size of culvert used shall not create a head loss of more than 0.20 feet greater than the normal water surface profile without the culvert.
- (5) Flow from roadside ditches must be conveyed to the drainage channel through a roadside ditch interceptor structure and pipe.

d. Depth and Size Limitations:

- (1) All roadside ditches shall be fully contained in the right-of-way or a recorded drainage easement.
- (2) The maximum depth in residential areas shall not exceed 3 feet from the edge of pavement.
- (3) Ditches in adjoining and parallel easements shall have the top of bank not less than 2 feet from the outside easement line.
- (4) Roadside ditch bottoms should be at least 2 feet wide.
- (5) Roadside ditch side slopes shall not exceed 3:1.

I. Design of Outfalls

- a. Outfall design shall conform to the applicable Drainage District's Design Criteria Manual.
- b. Outfalls shall be placed one foot above the receiving waterway.
- c. Wet detention ponds may be connected by a submerged pipe. Storm sewers discharging into wet detention ponds may be submerged from the last manhole to the outfall.
- d. Outfalls must have a means to control erosion and washouts (i.e. concrete paving, interlocking blocks). Rip-rap is not acceptable.

J. Storm Water Detention:

- a. Application of Detention:
 - (1) As a normal consideration, storm water detention is required. The use of on-site detention is required in order to mitigate potential damage to existing structures unless participation in regional detention facilities is available that will provide equivalent protection to downstream property owners.
 - (2) Design calculations for sizing the detention basin and related structures must be performed by the applicable method described in the following sections.
 - (3) All calculations shall be sealed, signed, and dated by a registered professional engineer.
 - (4) A parking lot may be used as part of the detention system, provided that the maximum depth of water over the inlet does not

exceed nine inches (9") and the maximum depth in the parking stall does not exceed six inches (6").

- (5) All detention basins shall be maintained by the property owners except regional detention facilities that are owned and operated by the City of La Marque, GCDD No. 1 and GCDD No. 2.

b. Calculation of Detention Volume:

- (1) For developments with drainage areas of more than 100 acres, a detailed hydrologic analysis utilizing the HEC-HMS and HEC-RAS Flood Hydrograph method will be required following the procedure outlined the Galveston County Drainage Criteria Manual, or applicable drainage district if more stringent.
- (2) For developments with drainage areas 100 acres or less, the acre-feet of flood control storage, S, to be provided by the facility for the 100-year storm event is:

$$S = I^{1/2} \times A$$

Where I = the average percent imperviousness of the area draining into the facility ($\div 100$), and A = the drainage area of the facility in acres.

c. Calculation of Outlet Size:

- (1) The minimum outflow pipe for a detention facility is 24 inches. When further flow restriction is necessary, a restriction should be placed at the entrance to the outfall pipe. Locate the restrictor to facilitate inspection and debris removal. Calculate the allowable outflow orifice size using the following equation:

$$Q = CA\sqrt{2gH}$$

Where:

Q = allowable discharge in cubic feet per second

C = coefficient of discharge

- 0.8 for short segments of pipe

- 0.6 for openings in plates or standpipes

A = maximum allowable area of orifice in square feet

g = acceleration due to gravity (32.2 feet/second²)

H = head difference between entrance and exit in feet when orifice is fully submerged, or the difference between centroid of the orifice in feet when orifice is partially submerged.

Determine H by establishing a maximum ponding level in the

detention facility during the 100-year storm and assuming a tailwater at the top of the downstream end of the outlet pipe, or at a depth in the outlet channel associated with the maximum release flow rate, whichever is higher. In addition to a pipe outlet, the detention basin shall provide an extreme event emergency overflow spillway that will protect structures from flooding should the detention basin be overtopped.

- (2) Corrugated Metal Pipe (CMP) is not allowed for outfall structures.

d. Detention Pond Structural Requirements:

- (1) Side slopes shall not exceed a slope of 4 feet horizontally to one 1 vertically (4:1)
- (2) Dry detention ponds exceeding 60 feet in any direction shall have concrete pilot channels to aid drainage. Unlined detention pond bottom shall have a minimum slope of 1%.
- (3) Concrete pilot channels shall have a minimum width of 6 feet and a minimum thickness of 4 inches with #3 rebar spaced at 12 inches or #4 rebar spaced at 24 inches on center each way. The concrete channels shall be constructed of 5 sack cement concrete with a minimum compressive strength of 2500 psi at 28 days. Provide a 1-inch minimum depression per every 1 foot of transverse slope with redwood headers spaced every 40 feet.
- (4) Appropriate covering (grass, slope paving, etc.) shall be established on side slopes and pond bottom to prevent erosion during periods of maximum water velocity.
- (5) A concrete or articulated block spillway, set at the maximum ponding elevation, shall be provided near the detention pond outfall structure, starting at the detention pond top of bank and extending to the toe of slope of the receiving channel.

e. Ownership and Access:

- (1) Private Facilities:
 - (a) Detention facilities which rely on gravity to discharge storm water are preferred by the City.
 - (b) Responsibility for maintenance of the detention facility must be indicated on the plat and construction plans.

- (c) All private properties being served shall have drainage access to the pond.
 - (d) A recorded maintenance agreement with a specific responsible party shall be provided when multiple tracts are being served.
 - (e) The maintenance berms shall be at least 20 feet wide surrounding the top of bank of the detention area.
- (2) Public Facilities:
- (a) Facilities may be accepted for maintenance by the City but only in cases where public drainage is being provided.
 - (b) The City will require a maintenance work area 30 feet wide surrounding the top of bank of the detention area. Public rights-of-way or permanent access easements may be included as a portion of this 30 feet width.
 - (c) A dedication of the maintenance easement or reserve must be provided by plat.
 - (d) Proper dedication of public access to the detention pond must be shown on the plat or by separate instrument. This includes permanent access easements with overlapping public utility easements.

f. Pumped Detention

Pumped detention systems will not be maintained by the City of La Marque under any circumstances and will be considered for approval only under the following conditions:

- (1) A gravity system is not feasible from an engineering standpoint.
- (2) The percentage of pumped volume must not exceed 50% of the total volume of the basin, the remaining volume must be able to drain from the basin by gravity.
- (3) The total time to empty the pumped volume may not exceed 72 hours after the gravity portion has vacated.
- (4) At least two pumps are provided, each of which is sized to pump the design flow rate; if a three-pump system is used, any two of the three pumps must be capable of pumping the design flow rate.
- (5) The selected design outflow rate must not aggravate downstream

flooding. Example: A pump station designed to discharge at the existing 100-year flow rate each time the system comes on-line could aggravate flooding for more frequent storm events.

- (6) Fencing of the control panel is provided to prevent unauthorized operation and vandalism.
- (7) An on-site emergency generator capable of operating the pump station for the amount of time required to vacate the pumped volume must be provided.
- (8) A recorded maintenance agreement with a specific responsible party shall be provided to ensure that the system will be operated and maintained on a continuous basis.
- (9) Detention volume for pump detention shall be minimum 1.0 acre-ft/acre.

If a pumped system is proposed, it is strongly recommended that preliminary conceptual design be submitted to the City Engineer and applicable Drainage District for review before any detailed engineering is performed.

5.4 SUBMITTALS

5.4.1 All preliminary drainage plan submittals shall comply with and fully follow the procedures outlined in the City of La Marque's Subdivision Ordinance.

5.4.2 Preliminary Submittals: Submit for review and comment:

- A. Lot and street layout.
- B. The approximate drainage areas for each system.
- C. The proposed drainage system.
- D. The proposed pipe diameters.
- E. Proposed detention areas with approximate volumes and depths.
- F. Any proposed drainage easements.
- G. Floodplain boundary, if applicable.
- H. Floodway boundary, if applicable.
- I. Base Flood Elevation.

5.4.3 Final Design: Submit the following for approval:

- A. Copies of any documents which show approval of exceptions to the City design criteria.
- B. Design calculations for storm line sizes and grades and for detention facilities.
- C. Design calculations for the hydraulic grade line of each line or ditch, and for detention facilities. Calculations shall show that the water surface elevations will not be increased upstream or downstream of the property on a 5 year and 100-year event.
- D. Contour map of the project and drainage area map for the project and the upstream.
- E. Plan and profile sheets showing storm water design.
- F. Projects located within a flood plain boundary or within a flood plain management area shall:
 - a. Show the flood plain boundary or flood plain area, as appropriate, on the drainage area map.
 - b. Show the floodway boundary, if applicable.

5.4.4 Additional Submittals: Submit the following for approval:

- A. Previous review prints.
- B. Revised drawings.
- C. Storm water detention maintenance agreement letters.
- D. Pipeline company agreements.
- E. Any and all applicable permits and agreements.

5.5 QUALITY ASSURANCE

- 5.5.1 Prepare calculations and construction drawings under the supervision of a Professional Engineer trained and licensed under the disciplines required by the drawings being prepared. The final construction drawings and all design calculations must be sealed, signed, and dated by the Professional Engineer responsible for the development of the drawings. Drawings shall contain the following statement “Based on these plans and calculations and minimum building elevations prepared under my direction, no structure will be subject to flooding in the 100-year storm and the upstream and downstream water surface elevations will not be increased.”

- 5.5.2 A geotechnical report shall be performed by, or under the supervision of, a currently registered Professional Engineer in the State of Texas, pertaining to the Drainage Design requirements contained within this section. All reports and documents shall be sealed, dated, and signed by the Engineer responsible for the preparation thereof.

CITY OF LA MARQUE

CHAPTER 6

PAVING DESIGN CRITERIA

CHAPTER 6 – PAVING DESIGN

6.1 PAVING DESIGN GENERAL

- 6.1.1 Criteria for the geometric design guidelines for streets, street paving requirements, and standard paving notes for drawing call-outs are herein established.

6.2 DEFINITIONS

- 6.2.1 AASHTO - American Association of State Highway and Transportation Officials.
- 6.2.2 ACI - American Concrete Institute.
- 6.2.3 ASTM - American Society for Testing Materials.
- 6.2.4 Curb Sections: Full width concrete pavement with doveled-on 6 inch high vertical curbs or 4"x12" curbs. Curb and gutter sections require inlets and underground storm sewers.
- 6.2.5 Geotechnical Engineer: An engineer certified by the American Association for Laboratory Accreditation (AALA).
- 6.2.6 HMAC: Hot Mix Asphaltic Concrete.
- 6.2.7 Roadway Ditch Sections: Ditch sections adjacent to either full width reinforced concrete pavement or asphaltic pavement. Roadside ditch sections do not require underground storm sewers; however, the ditch sections must be designed to accommodate a 5-year storm runoff.
- 6.2.8 TxMUTCD - Texas Manual on Uniform Traffic Control Devices.

6.3 DESIGN REQUIREMENTS

- 6.3.1 The following design requirements are applicable to all pavement within right-of-way limits within the City of La Marque and its ETJ:
 - A. All paving and construction plans shall be approved by the City of La Marque for all streets.
 - B. Street design should conform to all applicable planning tools, such as the Texas Manual on Uniform Traffic Control Devices, major thoroughfare plans, and master plans. Other considerations for design should include street function, street capacity, service levels, traffic safety, pedestrian safety, and utility locations. These additional considerations may affect the minimum requirements set forth herein. Refer to the City Thoroughfare Plan.
 - C. Design shall conform to the City of La Marque's Construction Details where applicable, or if not available, the standards of the City of Houston.

- D. Minimum Right-of-Way Width, Paving Section, and Maximum Design Speed Requirements for:
- a. Marginal Access Streets: Minimum 50 feet right-of-way, 2 lanes undivided without median. Maximum design speed 30 MPH
 - b. Local: Minimum 60 feet right-of-way, 2 lanes undivided without median. Maximum design speed 30 MPH
 - c. Minor Collector Streets: Minimum 80 feet right-of-way, 4 lanes undivided without median. Maximum design speed 30 MPH
 - d. Major Collector Streets: Minimum 80 feet right-of-way, 4 lanes divided with raised median, minimum 12 feet wide, Maximum design speed 35 MPH.
 - e. Minor Arterial: Minimum 120 feet right-of-way, 4 lanes divided with raised median, minimum 32 feet wide, Maximum design speed 45 MPH.
 - f. Major Arterial Streets: Minimum 120 feet right-of-way, 4 to 6 lanes divided with raised median, minimum 32 feet wide, Maximum design speed 40 MPH.
 - g. Super Arterial: As required by TxDOT
- E. Minimum Width Requirements and Paving:
- a. Curb and Gutter sections for low-density residential developments: 28 feet back-to-back of curb (B/B).
 - b. Pavement for open ditch sections for low density residential developments: 26 feet edge-to-edge of pavement, with a 6-foot shoulder on either side of the pavement:
 - (1) Reinforced Concrete: A thickened edge is required for this type of pavement. The thickened edge should be 8 inches decreasing to 6 inches at a point 4 feet from the edge of the pavement. Use only when approved by the City in large lot residential developments.
 - (2) Asphalt: 2 inch thick HMA with 8 inch thick crushed limestone or crushed concrete base. Use only when approved by the City in large lot residential developments.
 - c. Curb and gutter sections of medium density residential, industrial, and commercial development secondary and collector streets: 38 feet B/B of curb minimum.

- d. Pavement of major arterials and thoroughfares: Two divided traffic lanes, each way, of 25 feet B/B four (4) lane divided roadways or 34 feet B/B of curb for six (6) lane divided roadways.
- F. Minimum Thickness and Reinforcement Requirements for Concrete Pavements: The following requirements are the minimum allowable. Pavement thickness and reinforcement shall be designed by the Professional Engineer responsible for the project based on a current soils analysis and recommendations by a qualified geotechnical engineer. All concrete shall have a minimum compression strength of 4,000psi. The design requirements in special cases may dictate a greater strength. Pavement design based on soils analysis, use, loading, and life span may require greater thickness and more reinforcement than the following minimums:
- a. For pavement widths less than or equal to 28 feet B/B of curb:
 - (1) Minimum concrete slab thickness shall be 6 inches with $F_c = 4,000$ psi and reinforcement shall be Grade 60, $f_y = 60,000$ psi, #4 deformed reinforcing bars spaced at 18 inches center-to-center both ways and minimum lap lengths of 18 inches. Expansion joints shall be placed at the end of each curb return and at a maximum spacing of 40 feet 6 inches. Expansion joints shall include a $\frac{3}{4}$ inch redwood header, $\frac{3}{4}$ smooth dowel bar (18 inches length) and a 26 gauge hard plastic tube. The expansion joint shall include a standard steel wing plate.
 - (2) Minimum stabilized subgrade thickness shall be 8 inches.
 - b. For pavement widths greater than 28 feet B/B and for minor and major collectors
 - (1) Minimum concrete slab thickness shall be 7 inches with $f_c = 4,000$ psi and reinforcement shall be Grade 60, $f_y = 60,000$ psi, #4 deformed reinforcing bars spaced at 18 inches center-to-center both ways and minimum lap lengths of 18 inches. Expansion joints shall be placed at the end of each curb return and at a maximum spacing of 40 feet 6 inches on residential and collector streets, and a maximum spacing of 60 feet 6 inches on boulevards and major thoroughfares.
 - (2) Minimum stabilized subgrade thickness shall be 8 inches.
 - c. For pavement minor and major arterials:
 - (1) Minimum concrete slab thickness shall be 8 inches with $f_c = 4,500$ psi and reinforcement shall be Grade 60, $f_y = 60,000$ psi, #5 deformed reinforcing bars spaced at 16 inches center-to-center both ways and minimum lap lengths of 18 inches.

- (2) Minimum stabilized subgrade thickness shall be 12 inches.

G. Subgrade Treatment: The Geotechnical Engineer shall base depth of subgrade stabilization on structural number (SN) in conjunction with pavement thickness design. Following is a general guidance for subgrade treatment:

- a. For subgrade soil conditions with a plasticity index (PI) of 10 or more, the subgrade shall be stabilized with lime and compacted to 95% standard proctor density. Subgrade shall be stabilized with the recommended percent of lime (6% min.) by weight as determined by the Geotechnical Engineer.
- b. For subgrade soil conditions containing a clean sand with no clay content, the subgrade shall be stabilized with cement.
- c. For subgrade soil conditions containing silt, the subgrade shall be stabilized with lime-fly ash.

H. Requirements for Intersections, Turnouts, Transitions, and Thoroughfares:

- a. At a "T" intersection with a street that has not been improved to its ultimate width, concrete pavement should be stopped either at the right-of-way line or at the end of the curb return, whichever would require less concrete removal at a future date.
- b. For roadway turnouts placed at an existing street intersection, the turnout should be designed to fit the ultimate pavement width of the intersecting cross-street and then transitioned to the existing roadway.
- c. The usual transition length for meeting an open ditch street is 50 feet for street widths less than or equal to 28 feet B/B; 75 feet for up to 38 feet B/B width, and 100 feet for 41 feet B/B width.
 - (1) Streets other than concrete shall have transitions of a minimum thickness of 8 inches of lime stabilized subgrade, 6 inches of hot-mix asphaltic concrete base, or approved equal, with 2 inches of hot-mix asphaltic surfacing.
 - (2) Concrete streets shall have transitions of a minimum thickness of 6 inches of stabilized subgrade and 6 inches of concrete pavement.
- d. When paving only one roadway of a proposed two roadway thoroughfare (boulevard section) all left turn lanes and esplanade crossovers shall be paved to the centerline of the street right-of-way.

I. Requirements for Roadway Pavement with Open Ditch Sections (large lot residential subdivisions only):

- a. Minimum grade on ditches shall be 0.20 percent.
 - b. Ditch capacity shall be designed to accommodate a 5-year storm runoff event.
 - c. Maximum side slopes of ditches shall be 3 feet horizontally to 1 foot vertically (3:1). Sides may be sloped to 4:1 or 5:1 for easier maintenance by property owner.
 - d. Culverts for roadside ditches only shall be designed to carry ditch discharge but not less than 18 inches diameter. Culverts shall be Class III RCP conforming to ASTM C-76 or smooth interior dual wall corrugated polyethylene pipe conforming to AASHTO M294.
 - e. The minimum paving radius for cul-de-sac shall be 40 feet in a 50-foot radius right of way if the cul-de-sac is located on the interior of a residential subdivision, and is 600 feet or less in length. If the cul-de-sac opens onto a thoroughfare or exceeds 600 feet in length, the minimum pavement radius shall be 45 feet in a 50-foot radius right of way.
- J. Requirements for Roadway Pavement with Curb and Gutter Sections:
- a. Minimum gutter gradient shall be 0.30 percent.
 - b. Maximum cut from finished grade at property line to top of curb shall be 1.75 feet. The desired slope for driveways is 2% to 8%.
 - c. Minimum grade shall be 0.70 percent fall around intersection turnout for a maximum radius of 25 feet. Grades for larger radius shall be determined on an individual basis.
 - d. Vertical curves shall be installed when algebraic differences in grades exceed 1 percent. Elevations shall be shown at 10 feet intervals through vertical curves. Maintain a minimum of 0.02 feet elevation change at 10 feet intervals by altering the calculated elevations.
 - e. When a curb and gutter intersects a drainage ditch, the grade of gutter shall be above the designed water surface of the ditch.
 - f. The maximum travel distance of water in the street gutter to a curb inlet shall be 300 feet on a major thoroughfare and in commercial areas. The maximum travel distance of water in the street gutter to a curb inlet in a single-family residential area shall be 500 feet.
 - g. All new residential and local streets poured with a curb and gutter shall have a minimum of a 4 inch rollover, lay down curb. All new collector and thoroughfare streets shall have the standard 6 inch stand up curb. A

standard 6 inch curb shall be used adjacent to all storm sewer inlets; 4 inch rollover curbs shall be transitioned to a 6 inch curb near the inlet.

- h. Major thoroughfares shall be super-elevated in accordance with AASHTO whenever the centerline radius of lanes or right-of-way is less than 2,000 feet.
- i. The amount of cross-slope over the pavement section shall be 2% sloping away from the crown of road or centerline.
- j. A minimum gradient of 0.70 percent around the longest radius is required on an L-Type street intersection or cul-de-sac.
- k. Fill lines shall be shown on the drawings. If this type of fill is required and the pavement is adjacent to a nonparticipating property owner, fill easements shall be obtained from the property owner and recorded. A copy of the easements shall accompany the final drawings. Construction of this nature will require back-slope drainage design to prevent trapping storm runoff.
- l. Grades should be labeled for all tops of curb. Centerline grades are acceptable for open-ditch sections only.
- m. The minimum paving radius for cul-de-sac shall be 40 feet in a 50-foot radius right of way if the cul-de-sac is located on the interior of a residential subdivision, and is 600 feet or less in length. Islands within cul-de-sacs are allowed provided that the minimum fire apparatus turning radius requirements are met. If the cul-de-sac opens onto a thoroughfare or exceeds 600 feet in length, the minimum pavement radius shall be 45 feet in a 50-foot radius right of way.

K. Requirements for Curbs and Sidewalks:

- a. Standard height of a curb is 4 inches and 12 inches wide for curbs located along residential streets. Curb height for streets other than residential shall be 6 inches. The curb height for all esplanades shall be 6 inches.
- b. Sidewalk wheelchair ramps shall be required at all intersections and driveways. The design and installation of ramps shall comply with Texas Accessibility Standards Architectural Barriers requirements.
- c. All sidewalks are to be a minimum 5 feet in width and are to be constructed in accordance with the City of La Marque standard details.
- d. Sidewalks are required along all curb and gutter streets. The developer, prior to the City's final one-year acceptance of the public infrastructure, must install sidewalks along right of way and reserves.

- e. The location of all proposed and existing sidewalks shall be shown on the construction drawings.

L. Requirements for Driveways

- a. Driveways shall be asphalt or reinforced concrete, and shall be installed from the existing pavement to the right-of-way line (property line), minimum. This applies to all types of new construction. It does not apply to property being actively used for agricultural purposes and designated with the agricultural-use exemption.
- b. Refer to La Marque Standard Construction Details (Paving) for various driveway configurations.

M. Requirements for Miscellaneous Items:

- a. The type and amount of subgrade treatment shall be shown on the drawings.
- b. Paving headers shall be placed at the end of all concrete pavements.
- c. All concrete to be removed shall be removed either to an existing joint or to a sawed joint.
- d. Sight distance requirements based on the design speed of the roadway shall be used for determining lengths of crest vertical curves for all pavements except boulevard sections, which shall be designed for 45 mph.
- e. Standard Type III City barricades shall be placed at the end of all dead-end streets not terminating in a cul-de-sac.
- f. A letter of agreement from the affected pipeline company approving the construction plan crossing is required when paving is placed or construction work occurs over a transmission pipeline.
- g. When meeting existing concrete pavement, horizontal dowels shall be used if no exposed reinforcing steel for interconnection with new pavement exists. Horizontal dowels shall be Grade 60, #6 rebars, 24 inches long, drilled and embedded 12 inches into the center of the existing slab and epoxied. Dowels shall be 18 inches center-to-center, unless otherwise specified.
- h. When concrete is removed for interconnections, the pavement shall be saw cut and existing concrete removed to expose a minimum of 15 inches of reinforcing steel. If no reinforcing steel exists, use horizontal dowels as previously described.

- i. Dead-end streets or ends of concrete slabs designed to be extended in the future shall have paving headers and 15 inches of reinforcing steel exposed beyond the pavement, coated with asphalt and wrapped with burlap or paving headers and dowel type expansion joint for future pavement tie.
- j. Pavement extensions shall connect to the existing pavement with a pavement undercut and a minimum steel overlap of 18 inches.
- k. Concrete pavement thickness design is required for all pavement within industrial areas and on major thoroughfares. Concrete pavement thickness design shall be based on AASHTO design procedures for rigid pavements.
- l. Adjust manhole frames and covers within the limits of the pavement to meet the proposed final top of slab.
- m. Adjust manhole frames and covers outside the limits of the pavement to conform to the final grading plan.
- n. No more than one shrinkage crack shall be allowed in each forty foot header section. A shrinkage crack is defined as extending one-fourth or more of the full depth of the concrete (i.e. 1.5" or more on 6" thick concrete) appearing within one year of the final concrete placement. If two or more shrinkage cracks appear in one header section, the entire section shall be removed and replaced at contractor's expense.
- o. If shrinkage cracks are less than one-quarter the depth of the concrete, then a recommendation letter and data sheets are required from the testing laboratory as to the type of sealant which will be used to seal the shrinkage cracks. This recommendation shall be approved by the City Engineer before application of sealant. Cracks shall be sealed at contractor's expense.
- p. Core samples for the sections will be taken no sooner than the 28 day break of the original concrete pour sample.

6.4 QUALITY ASSURANCE

- 6.4.1 All construction drawings and specifications shall be prepared by or under the supervision of a currently Registered Professional Engineer of the State of Texas, and all documents shall be sealed, dated, and signed by the engineer responsible for the preparation.
- 6.4.2 A geotechnical report shall be performed by or under the supervision of a currently Registered Professional Engineer of the State of Texas disciplined in the science of soils analysis. All reports and documents shall be sealed, dated, and signed by the engineer responsible for the preparation.

- 6.4.3 All pavement design shall be supported by calculations to establish the required thickness and reinforcement.
- 6.4.4 The current soils report shall be the basis for design considering the use, loading, and life span of the proposed pavement.

CITY OF LA MARQUE

CHAPTER 7

Construction, Inspection, Approval and Acceptance Procedures for Public Infrastructure

CHAPTER 7

Construction, Inspection, Approval and Acceptance Procedures for Public Infrastructure

Introduction

The City of La Marque is experiencing considerable development throughout its jurisdiction. This includes development both inside the City Limits and within the City's Extraterritorial Jurisdiction (ETJ). It is, therefore, important for the City Council to approve a policy that sets out the procedures for the inspection, approval and acceptance of public infrastructure within its jurisdiction. These policies and procedures apply to construction in both subdivisions and commercial sites where it is anticipated that connections to the public infrastructure will be made, and where the infrastructure will be conveyed, either upon completion or in the future, to the City of La Marque for operation and maintenance.

These procedures are designed so the developers and contractors will know both the procedures to be followed and the costs for the required reviews and inspections in advance.

It is important that all publicly accepted, operated and maintained infrastructure constructed within its city limits and ETJ be compliant with the City's standards and requirements. It is anticipated that even if the City does not accept the infrastructure for immediate operation and maintenance, it may eventually. As such, developers and contractors should refer to the City's Zoning and Subdivision Ordinances, as well as the City's Design Criteria Manual for specific guidance on allowable uses, platting and approval procedures and construction standards.

These procedures are designed to set out the process for approvals by the City of La Marque during the construction phase of the development within the City of La Marque and its ETJ.

Note: For all projects within the ETJ, the developer should also contact the Galveston County Engineering Offices for instructions on their review procedures.

Permits and Inspection fees

The City currently utilizes a Consulting Engineer to provide infrastructure inspection services. The City expects the development to bear the costs of the services. The contractor is expected to apply for the appropriate permits and pay the required fees in advance of the project start. Fees shall be set from time to time by the City Council and are designed to include the cost of inspections. The City may amend its fee schedule at any time to ensure the costs for the service are being covered, and may pass increased costs along to the responsible party at any time.

Pre-construction Phase

Prior to construction and prior to the issuance of a permit from the City, a preconstruction conference will be held with City staff and the City's Consulting Engineer. It is expected that prior to the preconstruction conference the following will be provided to the City in advance for review by the staff and the Consulting Engineer:

- **Plans.** Plans, specifications and other documents relating to the proposed development are to be provided.
- **Contract and Technical Specifications.** The contract and technical specifications between the developer and the contractor is to be provided.

Attendees at the preconstruction meeting should include the City's staff, the City's Consulting Engineer, a developer representative, a representative of the developer's engineering firm, a contractor's representative, and other people as may be identified by the City prior to the meeting. Attendance by all designated attendees is mandatory.

The project will be fully discussed at the meeting including but not limited to the developer's timetable, the points at which the City should be contacted for inspections of the infrastructure, the method of scheduling inspections, and the name, address, and contact information of all relevant participants in the construction process.

Construction Phase

It is expected the City's Consulting Engineer will make periodic reviews of the construction sites. The contractor responsible for construction should follow the procedures established by the City of La Marque (Request form attached). The City's Consulting Engineer will review results of all testing data as required by the City's Design Criteria Manual.

Construction inspections will include but not be limited to the following.

- **Streets and sidewalks.** Inspections should be expected for sub-grade and base materials work, rebar placement, and concrete pours.
- **Drainage facilities.** The City's Consulting Engineer will inspect all storm water inlets, storm water drains, culverts, open ditches and detention facilities. Within their respective jurisdictions, representatives of Galveston Drainage District 1 and 2 will also inspect and approve all drainage facilities associated with the development. The contractor should schedule inspections for DD 1 or 2 directly with that office.
- **Water and Sewer Utilities.** Inspections should be expected of all water and sewer lines (both grade and pressure testing), lift stations, water and wastewater plants, manholes, fire hydrants, valve locations and taps.
- **Other. Depending on the type development, there may be landscaping, street lighting, façade type, and other inspections required. The contractor**

should be aware of all City requirements and call inspectors as appropriate.

Acceptance of Infrastructure for One-Year Maintenance Period

The City's Consulting Engineer will make a walk-through inspection upon completion of the project prior to making a recommendation for acceptance. The contractor is expected to have fully completed all construction prior to the walk-through inspection. During the walk-through inspection a punch list will be created. The contractor will be expected to complete/correct all the items on the punch list prior to presentation of the project to the City Council for acceptance.

Prior to acceptance for the one year maintenance period by the City Council the following must be on file with the City of La Marque.

- **Proof of Drainage District Approval.** Documentation must be on file with the City that the appropriate Drainage District has approved the drainage improvements for the development.
- **Maintenance Bond (for Subdivision infrastructure only).** Documentation of the receipt of a properly completed Maintenance Bond to the City. The Maintenance Bond amount shall be 25% of the total construction cost of the infrastructure, valid one-year from the date of accepted/or approval of the infrastructure.
- **Punch List.** Proof that all items listed on the punch list have been completed to the satisfaction of the City's Consulting Engineer.
- **Certification from the Engineer of Record.**
- Construction material testing lab report and Certification from the Geotechnical Engineer of Record.
- **As Built Drawings and Plans.** The contractor shall provide a true and correct paper and electronic copy in the format prescribed by the City of La Marque Design Criteria Manual, of the project as-built for filing and recording by the City. Construction documents shall be provided by both PDF and cadd (.dwg).
- **Engineer's Letter of Recommendation.** A letter of recommendation from the City's Consulting Engineer is required. This letter will document the project has been constructed in accordance with the plans and specifications originally reviewed, inspections during the construction process, and the Maintenance Bond and as-built drawings are properly executed and on file. The letter will be to recommend acceptance of the infrastructure for the one-year maintenance period to the City Council.
- **Electronic files of all of the above shall be required.**

No building permits will be issued for the development until the City Council has accepted the project for the one year maintenance period.

Final Acceptance of Infrastructure

Prior to final acceptance of the infrastructure, and prior to the end of the one year maintenance period, a final inspection shall be scheduled and conducted by the City's Consulting Engineer. The responsible party for the development is required to

contact the City and schedule the inspection. This inspection should be no sooner than eleven months after the beginning of the maintenance period. This inspection will be designed to inspect the infrastructure for failures or other deficiencies that may have occurred during the maintenance period. A punch list will be created if needed as a result of the inspection. The developer and/or contractor are expected to complete/correct all the items on the punch list prior to City Council consideration.

- A letter of recommendation from the City's Consulting Engineer to the City Council will again be required. This letter will document the project has completed its final inspection after the one year maintenance period, confirm the project is in compliance with the plans and specifications, the as-built drawings are properly executed and on file. The letter will be to recommend final acceptance of the infrastructure by the City Council and the release of the Maintenance Bond.

Conclusion

It is the purpose of these procedures to provide predictable criteria for the City, developers and contractors alike to follow. These procedures may be amended from time to time. All developers/contractors are urged to seek the most up to date copy of these procedures prior to beginning the planning process for developments that will have publicly operated and/or maintained infrastructure.

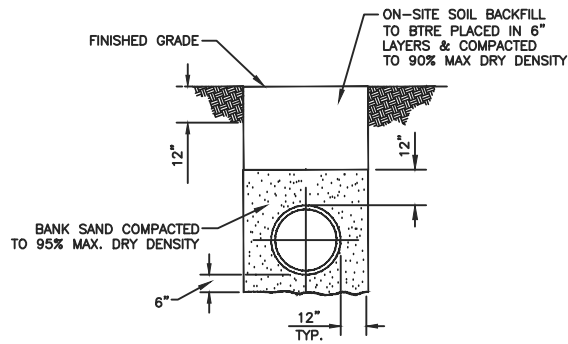
Adopted this ____th day of _____, 2018, by the City Council of the City of La Marque.

City Secretary

Mayor

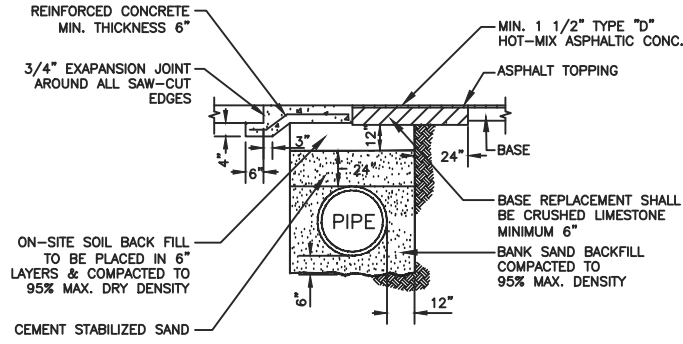
APPENDIX A

STANDARD CONSTRUCTION DETAILS



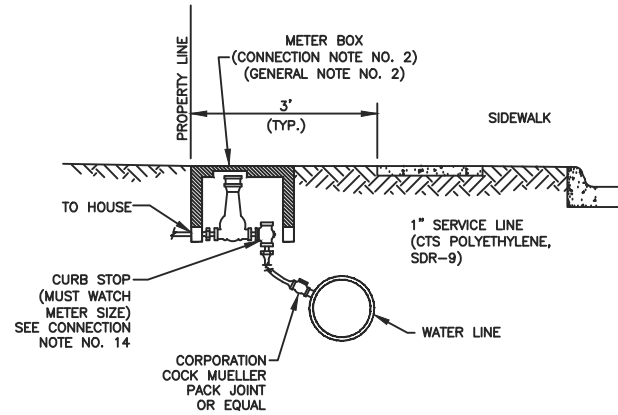
WATER

1 TYPICAL TRENCH SECTION IN GRADED AREA



WATER

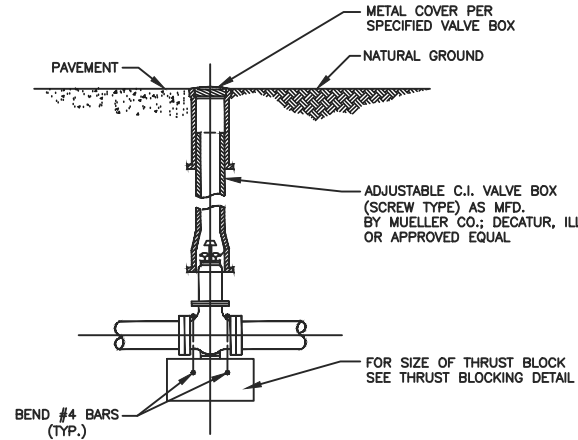
2 TYPICAL TRENCH SECTION IN PAVED AREA



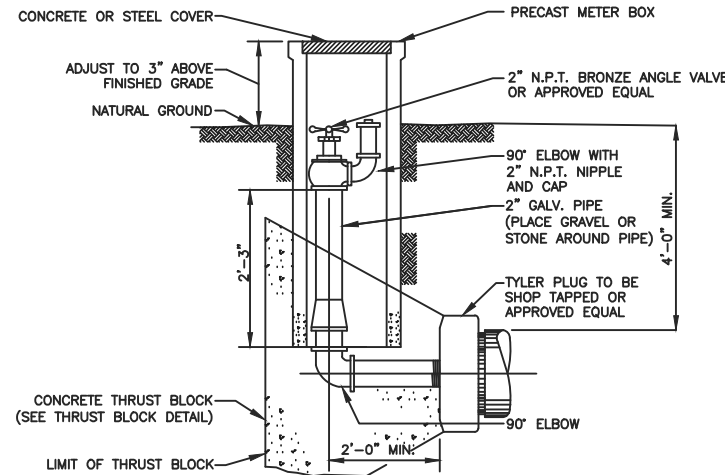
3 WHEN SERVICE METER IS NEAR WATER MAIN

GENERAL NOTES

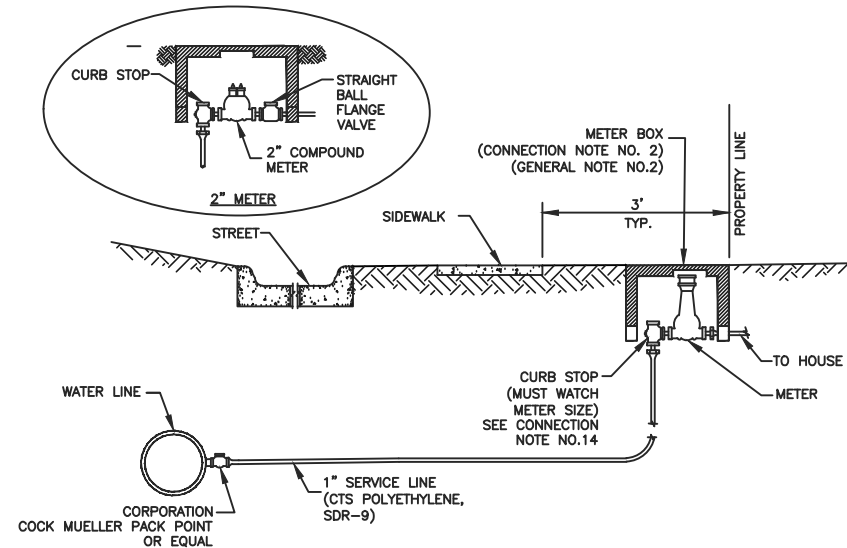
1. PRESSURE TEST OF ALL WATER LINES SHALL BE AT 125 PSI FOR A DURATION OF 8 HOURS OR 150 PSI FOR 4 HOURS.
2. ALL WATER METER BOXES SHALL BE NDS MODEL NO. D15AMR2-DISB OR APPROVED EQUAL. (BOX NEEDS TO BE COMPATIBLE TO NEPTURE PRO-READ.) LOCKING LIDS WILL NOT BE ACCEPTED.
3. PROVIDE "UNI-FLANGE", "CERTA-LOK", OR APPROVED EQUAL PIPE RESTRAINT AND CASING SYSTEM ON UNDERGROUND PRESSURE PIPE SYSTEMS.
4. ALL WATER TAPS SHOULD BE PLACED IN LINE WITH PROPERTY CORNER OR PLACED HALF WAY BETWEEN THE FRONT LOT CORNERS, OR AT PC OF CURB RETURN IN MULTI LOT SUBDIVISIONS.



4 VALVE BOX



5 2" BLOW OFF VALVE ASSEMBLY

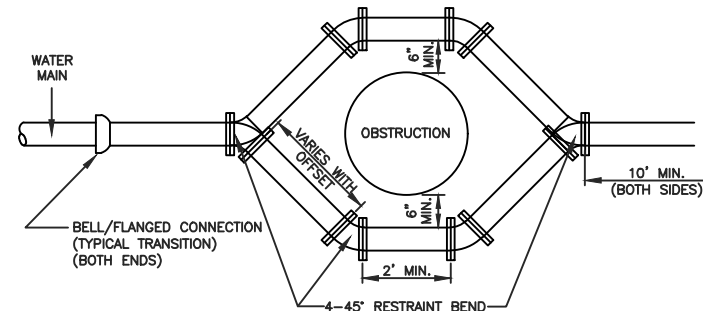


6 WHEN SERVICES CROSS PAVED STREET

SERVICE CONNECTION DETAILS

NOTES:

1. THE WATER MAIN SHALL HAVE A MINIMUM COVER OF 48" BELOW TOP OF CURB GRADE.
2. THE WATER SERVICE LINES THAT ARE INSTALLED BEFORE THE COMPLETION OF STREET CONSTRUCTION SHALL BE LAID IN THE SERVICE DITCH AT THE SAME ELEVATION AS THE WATER MAIN OR A MINIMUM COVER OF 48" BELOW TOP OF CURB GRADE. AT THE PROPER LOCATION FOR THE METER BOX, THE METER (CURB) STOP SHALL BE RAISED TO 18" BELOW TOP OF CURB GRADE WITH ENOUGH EXCESS TUBING TO RAISE THE STOP AT A FUTURE DATE TO 6" BELOW TOP OF CURB GRADE.
3. LOCATOR WIRE TO BE PLACED ON ALL MAINS AND SERVICES. (MIN. 20 GA. COPPER)
4. SINGLE METER SERVICE LINES SHALL BE 1" MIN. I.D., C.T.S. POLYETHYLENE, SDR-9.
5. CONTRACTOR TO FURNISH AND INSTALL DOUBLE SERVICE METER BOXES AT FINISH GRADE.
6. FIRE HYDRANT ASSEMBLIES SHALL NORMALLY BE LOCATED THREE FEET BEHIND BACK OF CURB, DEFLECT WATERLINES AS NECESSARY TO MAINTAIN THREE FOOT CLEARANCE. REQUIRED ASSEMBLY SHALL INCLUDE ONE LINE SIZE BY SIX INCH TEE, ONE SIX INCH GATE VALVE AND BOX, ONE FIRE HYDRANT AND SIX INCH LEAD PIPING AND TIE BACKS.
7. WATER VALVES ON MAIN LINES SHALL BE LOCATED AS CLOSE AS POSSIBLE TO EXTENDED PROPERTY LINE AND SHALL CONFORM TO AWWA C-500, OPEN LEFT, EQUIPPED WITH 2" SQUARE OPERATING NUT.
8. WATERLINES 4 INCH THROUGH 12 INCH I.D. SHALL COMPLY WITH THE REQUIREMENTS OF AWWA STANDARD C-900 CLASS 150, SDR-18 WITH CAST IRON OUTSIDE DIAMETER.
9. ALL CONCRETE THRUST BLOCKING SHALL BE PLACED TO FORM A SOLID CONNECTION BETWEEN FITTINGS, VALVES, AND FIRE HYDRANTS AND UNDISTURBED EARTH. CONCRETE FOR THRUST BLOCKING SHALL HAVE A MINIMUM OF 2500 P.S.I. COMPRESSIVE STRENGTH AT 28 DAYS.
10. GRAY IRON AND DUCTILE IRON FITTINGS SHALL CONFORM TO AWWA C-110 AND END JOINTS OF FITTINGS AND MAIN LINE VALVES SHALL CONFORM TO AWWA C-111 FOR RUBBER GASKETED JOINTS. GRAY IRON AND DUCTILE IRON FITTINGS SHALL BE CEMENT LINED OR EPOXY COATED.
11. ALL FIRE HYDRANTS AND VALVE BOXES ARE TO BE ADJUSTED TO FINISH GRADE AFTER PAVING IS COMPLETE.
12. INSTALL CONCRETE BLOCK BENEATH FIRE HYDRANTS BEFORE PLACING CONCRETE THRUST BLOCKING TO INSURE THAT FIRE HYDRANTS ARE INSTALLED LEVEL.
13. CONTRACTOR SHALL NOTIFY CITY ENGINEER 72 HOURS BEFORE START OF CONSTRUCTION.
14. RIGHT ANGLE CURB STOPS MADE BY FORD, OR APPROVED EQUAL, SHALL BE USED. (SINGLE SERVICE: FORD BA43-342W OR EQUIVALENT, DOUBLE SERVICE: FORD UAB43-42W OR EQUIVALENT). ONLY PACK JOINT CURB STOPS ARE PERMITTED.
15. WATER MANIFOLDS ARE NOT PERMITTED (EXCLUDING 1 INCH WATER SERVICES WITH 1 INCH U-BRANCH ASSEMBLY).
16. WATER TAPS SHALL HAVE A MINIMUM OF 24 INCH SEPARATION BETWEEN TAPS ON THE MAIN WATER LINE.



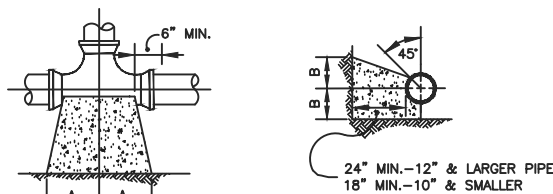
FOR A LINE TO PASS OVER AN OBSTRUCTION RATHER THAN UNDER, IT MUST HAVE ADEQUATE OVER AND BE APPROVED BY THE ENGINEERING DEPARTMENT

NOTES:

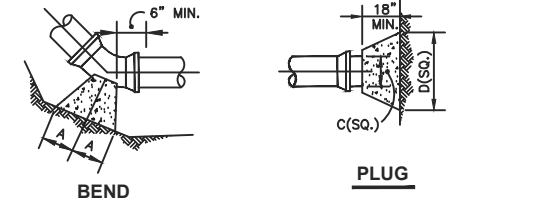
1. PIPE MATERIAL SHALL BE AWWA C900 PVC, DR-14, 200 PSI WITH INTEGRAL PVC RESTRAINED JOINTS.
2. OFFSET ASSEMBLY MUST PASS OVER THE OBSTRUCTION AS LONG AS THE MINIMUM CLEARANCE IS MAINTAINED. SPECIFIC APPROVAL FROM THE UTILITIES DEPARTMENT MUST BE GRANTED FOR THE OFFSET TO PASS UNDER THE OBSTRUCTION.
3. MATERIAL AND COATINGS SHALL BE IN ACCORDANCE WITH WATER MAIN STANDARD SPECIFICATIONS.
4. RESTRAIN EXISTING PIPING BEYOND OFFSET SECTION AS REQUIRED TO PREVENT MOVEMENT.
5. ALL PVC PRODUCTS MUST BE LISTED ON CITY OF LA MARQUE'S APPROVED PRODUCTS LIST.

MIN. PIPE WALL THICKNESS	
4"	- 0.250"
6"	- 0.280"
8"	- 0.322"
12" AND LARGER	- 0.375"

7 OFFSET ASSEMBLY



8 THRUST BLOCKING DETAIL



9 BENDS AND TEE

S I Z E	90° BEND		45° BEND		22½° BEND		TEES		PLUGS	
	A	B	A	B	A	B	A	B	C	D
4"	22"	13"	12"	13"	8"	10"	13"	16"	12"	29"
6"	28"	17"	14"	17"	10"	13"	16"	20"	14"	36"
8"	35"	24"	19"	24"	12"	20"	22"	27"	18"	48"
10"	42"	30"	24"	30"	12"	24"	24"	30"	24"	60"
12"	50"	40"	30"	40"	18"	30"	30"	40"	30"	78"
14"	58"	48"	36"	48"	20"	36"	36"	48"	36"	96"

NOTE : DIMENSION WITH ASTERISK (*) REQUIRES STRUCTURAL DESIGN

NO.	REVISIONS	DATE	NAME
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4			
5			

CITY OF LA MARQUE, TEXAS STANDARD DETAILS

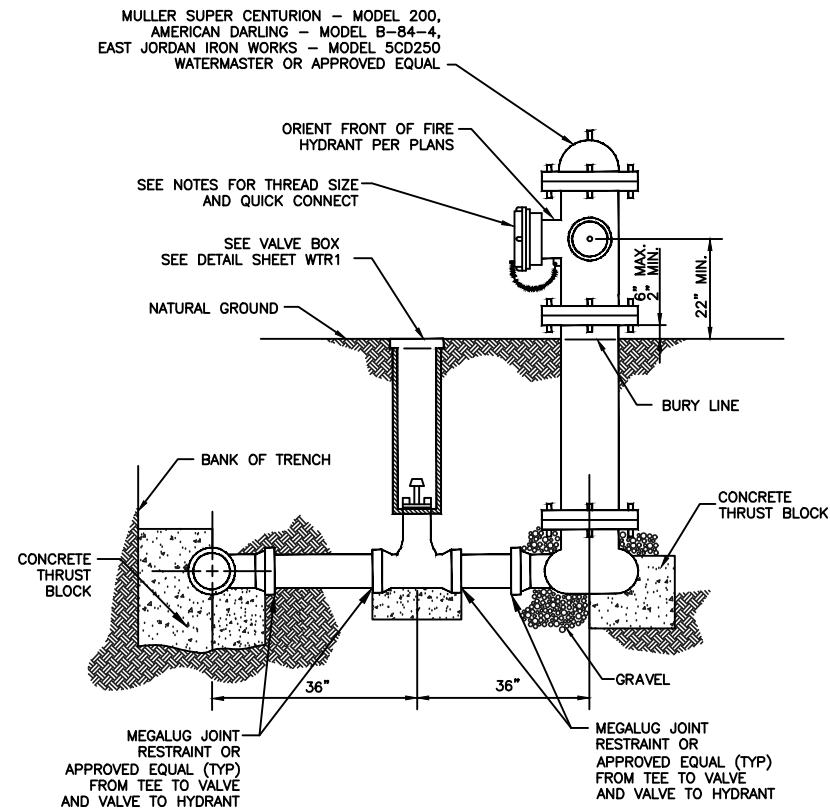


FOR INTERIM REVIEW ONLY

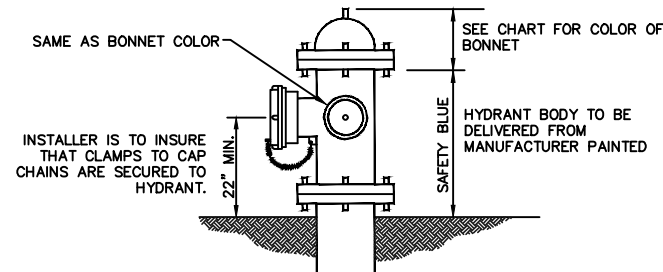
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NOT INTENDED FOR CONSTRUCTION,
BIDDING, OR PERMIT PURPOSES

ENGINEER: 10001
P.E. SERIAL No. 10001
DATE: 1001

PROJECT TITLE:		SHEET NO:
DRAWN BY: D.P.D.	SHEET DESCRIPTION: WATERLINE DETAILS - 1	
CK'D BY: D.V.H.		
SCALE: N.T.S.		
DATE:	APPROVED BY:	



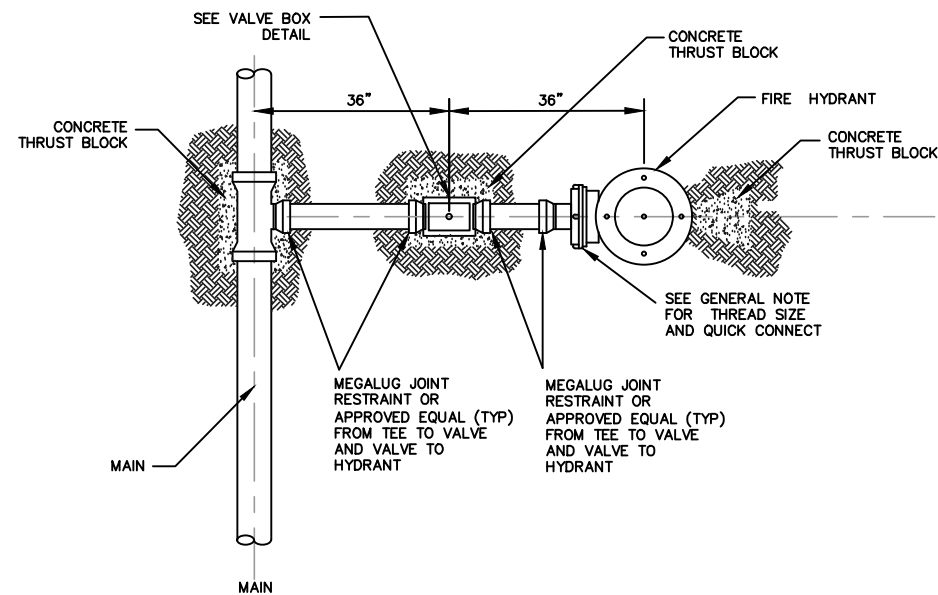
1 FIRE HYDRANT



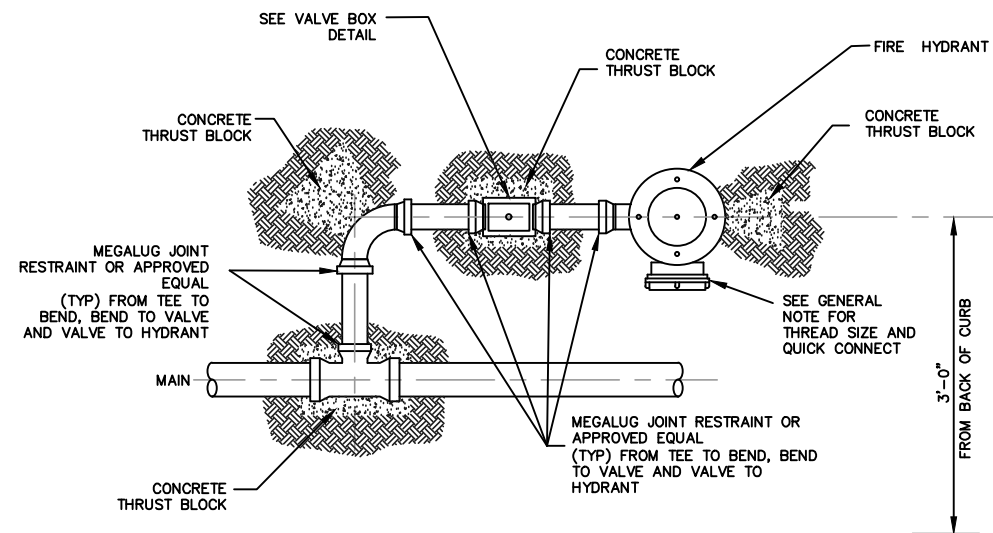
COLOR CODE	
FIRE HYDRANT BARREL	SAFETY RED (225A123)
FIRE HYDRANT CAPS	SAME AS BONNET COLOR

COLOR CODE (BONNETS AND CAPS)	
MAIN SIZE	
6"	GLOSS WHITE CODE NO. 225A100
8"	SAFETY ORANGE CODE NO. 225A122
10" AND 12"	JOHN DEERE GREEN CODE NO. 225A133
16" AND 20"	JOHN DEERE YELLOW CODE NO. 225A138
22" AND UP	SAFETY RED CODE NO. 225A123

2 FIRE HYDRANT - COLOR CODE



3 FIRE HYDRANT - PLAN



4 ALTERNATE FIRE HYDRANT - PLAN

NOTES:

1. PRESSURE TEST OF ALL WATER LINES SHALL BE AT 125 PSI FOR DURATION OF 8 HOURS OR 150 PSI FOR 4 HOURS.
2. FIRE HYDRANT THREAD SIZE: PUMPER CONNECTION 4-492 SIZE=4.492".
3. PROVIDE "UNI-FLANGE" OR APPROVED EQUAL PIPE RESTRAINT AND CASING SYSTEM ON UNDERGROUND PRESSURE PIPE SYSTEMS.
4. FIRE HYDRANT ASSEMBLIES SHALL NORMALLY BE LOCATED THREE FEET BEHIND BACK OF CURB, DEFLECT WATERLINES AS NECESSARY TO MAINTAIN THREE FOOT CLEARANCE. REQUIRED ASSEMBLY SHALL INCLUDE ONE LINE SIZE BY SIX INCH TEE, ONE SIX INCH GATE VALVE AND BOX, ONE FIRE HYDRANT AND SIX INCH LEAD PIPING AND TIE BACKS.
5. ALL CONCRETE THRUST BLOCKING SHALL BE PLACED TO FORM A SOLID CONNECTION BETWEEN FITTINGS, VALVES, AND FIRE HYDRANTS AND UNDISTURBED EARTH. CONCRETE FOR THRUST BLOCKING SHALL HAVE A MINIMUM OF 2500 P.S.I. COMPRESSIVE STRENGTH AT 28 DAYS.
6. INSTALL CONCRETE BLOCK BENEATH FIRE HYDRANTS BEFORE PLACING CONCRETE THRUST BLOCKING TO INSURE THAT FIRE HYDRANTS ARE INSTALLED LEVEL.
7. ALL FIRE HYDRANTS AND VALVE BOXES ARE TO BE ADJUSTED TO FINISH GRADE AFTER PAVING IS COMPLETE.
8. ALL FIRE HYDRANTS ARE TO BE EQUIPPED WITH HYDRA-STORZ QUICK CONNECT HYDRANT SYSTEM (1/4 X 5" BASE) WITH DEBRIS CAP. MANUFACTURED BY HYDRA-SHIELD, INC. OR APPROVED EQUAL. DEBRIS CAP IS TO BE TETHERED WITH A 12" STAINLESS STEEL CABLE, UTILIZING THE EYELET ON THE FIRE HYDRANT AND THE DEBRIS CAP.
9. CONTRACTOR SHALL NOTIFY CITY ENGINEER 48 HOURS BEFORE START OF CONSTRUCTION.
10. ALL FIRE HYDRANT RESTRAINTS TO BE MJ FITTING.

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**CITY OF LA MARQUE, TEXAS
STANDARD DETAILS**

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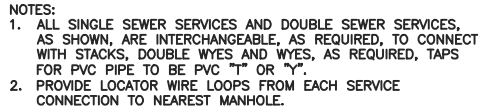
FOR INTERIM REVIEW ONLY
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NOT INTENDED FOR CONSTRUCTION,
BIDDING, OR PERMIT PURPOSES**
ENGINEER: 10001
P.E. SERIAL No. 10001
DATE: 1001

PROJECT TITLE:			
DRAWN BY:			
CK'D BY:	SHEET DESCRIPTION: WATERLINE DETAILS - 2		
SCALE:			SHEET NO:
DATE:	APPROVED BY:		
			/

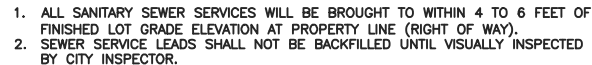
3. FINISHED ELEVATION ON SANITARY SEWER MANHOLE RIMS SHALL BE THREE INCHES ABOVE FINISHED GRADE WITHIN UTILITY EASEMENTS OR STREET RIGHT-OF-WAY. CLEAN FILL SHALL BE ADDED AND SLOPED FROM MANHOLE RIM.
4. CONTRACTOR SHALL MARK LOCATION OF AND MAINTAIN RECORDS OF STUB, STAKES, AND END OF SERVICE LEAD LOCATIONS, WITH WIRE LOOPS AND 2" P.V.C. PIPE.
5. WATER LINES AND SANITARY SEWER LINES SHALL BE INSTALLED IN SEPARATE TRENCHES.
6. ALL PVC PIPE (POLYVINYL CHLORIDE) SHALL BE IN ACCORDANCE WITH ASTM D3034, SDR 26.
7. ALL PVC PIPE (ALL TYPES AND SDR/DR WALL THICKNESS TO BE USED) SHALL HAVE RUBBER GASKET EQUIPPED BELL AND SPIGOT JOINTS CONFORMING TO ASTM D-3212, THE GASKET MATERIAL SHALL CONFORM TO ASTM F-477. SOLVENT WELDED JOINTS WILL NOT BE APPROVED FOR CITY SEWER LINES.
8. ALL DUCTILE IRON PIPE SHALL BE 150 PSI. WITH EIGHT (8) MIL, BLACK VIRGIN POLYETHYLENE WRAP AS SPECIFIED IN ANSI/AWWA C105/A21.5.
9. SANITARY SEWER MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF LA MARQUE DESIGN STANDARDS. CONTRACTOR TO FURNISH TEST PLUGS AND RISERS (NO SEPARATE PAY). ALL SEWER LINES TO BE AIR TESTED IN ACCORDANCE WITH THE CONTRACT SPECIFICATIONS.
10. MAINTAIN 12-INCH MINIMUM CLEARANCE BETWEEN ALL STORM SEWERS, AND CULVERTS UNLESS OTHERWISE NOTED.
11. SEWER TRENCHES UNDER OR WITHIN ONE (1) FOOT OF PROPOSED OR FUTURE PAVEMENT TO BE BACKFILLED WITH CEMENT STABILIZED SAND BACKFILL, AS SPECIFIED, TO WITHIN ONE (1) FOOT OF SUBGRADE. BEDDING WILL BE CLASS "AA" WHERE CEMENT STABILIZED SAND C PER LINEAR FOOT OF PIPE.
12. WATER LINE/SANITARY MANHOLE AND SANITARY SEWER SEPARATION. UNLESS SANITARY SEWER MANHOLES AND THE CONNECTING SEWER CAN BE MADE WATERTIGHT AND TESTED FOR NO LEAKAGE, MUST BE INSTALLED SO AS TO PROVIDE A MINIMUM OF NINE FEET OF HORIZONTAL CLEARANCE FROM AN EXISTING OR PROPOSED WATERLINE. WHERE THE NINE FOOT SEPARATION DISTANCE CANNOT BE ACHIEVED, FOLLOW THESE SPECIAL PROCEDURES:
 - a) WHERE A SEWER CROSSES A WATERLINE ALL PORTIONS OF THE SEWER WITHIN NINE FEET OF THE WATERLINE SHALL BE CONSTRUCTED OF DUCTILE IRON (AWWA C151, 150 PSI, THK. CL. 50), OR PVC PIPE WITH A PRESSURE RATING OF AT LEAST 150 PSI USING APPROPRIATE ADAPTERS. VERTICAL CLEARANCE BETWEEN PIPES SHALL BE AT LEAST 2' IF SEWER IS ABOVE THE WATERLINE AND 6" IF THE SEWER IS BELOW THE WATERLINE.
 - b) SANITARY SEWER LINES CROSSING UNDER PROPOSED OR FUTURE WATER LINES WITH GREATER THAN SIX INCHES VERTICAL WALL-TO-WALL CLEARANCE BUT LESS THAN TWO FEET OF VERTICAL WALL-TO-WALL CLEARANCE SHALL HAVE ONE EIGHTEEN-FOOT JOINT OF A SPECIFIED DUCTILE IRON PIPE (AWWA C151, 150 PSI, THK. CL. 50) CENTERED ON THE WATER LINE CROSSING.
 - c) SANITARY SEWER LINES CROSSING UNDER PROPOSED OR FUTURE WATER LINES WITH GREATER THAN TWO FEET OF VERTICAL BUT LESS THAN NINE FEET OF VERTICAL WALL-TO-WALL CLEARANCE SHALL BE BACKFILLED FOR NINE HORIZONTAL FEET OF WATER LINE ON EACH SIDE OF SEWER LINE WITH CEMENT SAND (MINIMUM 2 SACKS CEMENT PER CUBIC YARD OF SAND) TO A DEPTH OF ONE PIPE DIAMETER OR TWELVE INCHES (WHICHEVER IS GREATER) ABOVE THE SEWER LINE.
 - d) WHERE A SANITARY SEWER PARALLELS A WATERLINE, THE SEWER MUST BE INSTALLED IN A SEPARATE TRENCH, AND SHALL BE CONSTRUCTED OF CAST IRON, DUCTILE IRON OR PVC. MEETING ASTM SPECIFICATIONS WITH A PRESSURE RATING FOR BOTH THE PIPE AND JOINTS OF 150 PSI. THE VERTICAL SEPARATION SHALL BE A MINIMUM OF TWO FEET BETWEEN OUTSIDE DIAMETERS AND THE HORIZONTAL SEPARATION SHALL BE A MINIMUM OF FOUR FEET BETWEEN OUTSIDE DIAMETERS. THE SEWER SHALL BE LOCATED BELOW THE WATERLINE.
13. ALL PROPOSED GRAVITY SANITARY SEWER LINES SHALL BE DUCTILE IRON OR SDR 26 PVC PIPE. NON-PRESSURE PVC MAY NOT BE SUBSTITUTED FOR D.I.P. OR C-900 (DR 18 ONLY) PVC.
14. BEDDING FOR ALL TYPES OF SANITARY SEWER PIPE SHALL BE CLASS "AA" AT ALL DEPTHS (NO SEPARATE PAY).
15. FOR ALL PVC PIPE, USE MANHOLE WATER STOP GASKET AND CLAMP ASSEMBLY AT MANHOLE CONNECTIONS (NO SEPARATE PAY).
16. ALL PRECAST CONCRETE SHALL BE STANDARD TYPE, UNLESS OTHERWISE NOTED AND BACKFILLED WITH CEMENT STABILIZED SAND AS SPECIFIED (NO SEPARATE PAY). ALL SANITARY MANHOLES SHALL BE AT LEAST 1 FOOT ABOVE THE 100 YEAR BASE FLOOD ELEVATION. SECTIONS FOR PRECAST MANHOLES SHALL BE JOINED WITH RUBBER GASKET JOINTS. "RAM NOK" OR SIMILAR WILL NOT BE APPROVED.
17. ALL FAR-SIDE LEADS SHALL BE SIX (6) INCHES OR EIGHT (8) INCHES DIAMETER AT 0.70% MIN. SLOPE AND SHALL BE PVC, SDR 26, 150 PSI PRESSURE PIPE CONFORMING TO ASTM D-2241. STUBS AND FAR-SIDE LEADS WILL BE D.I.P., 150 PSI, THICKNESS CL. 51, WHERE THERE IS LESS THAN THREE (3) FOOT COVER TO TOP OF CURBS (NO SEPARATE PAY).
18. LEADS SERVING TWO LOTS SHALL HAVE A SERVICE "WYE" WITH PLUGS (NO SEPARATE PAY). THE "WYE" SHALL BE LOCATED WITHIN THE STREET RIGHT-OF-WAY OR ADJOINING UTILITY EASEMENT.
19. ALL PRECAST CONCRETE MANHOLES SHALL HAVE THE TOP 18 INCHES CONSTRUCTED OF STEEL OR PRECAST PCC RINGS, SEALED INSIDE AND OUTSIDE.
20. SANITARY SEWER LINE IN PIPE ZONE IN SIDE LOT EASEMENT SHALL BE BACKFILLED WITH CEMENT STABILIZED SAND. (NO SEPARATE PAY).
21. IF WET SAND IS ENCOUNTERED IN THE FIELD, USE SPECIAL BEDDING.
22. USE WHITE PIPE FOR ALL FORCE MAINS.
23. PROVIDE "UNI-FLANGE", "CERTA-LOK", OR APPROVED EQUAL PIPE RESTRAINT AND CASING SYSTEM ON UNDERGROUND PRESSURE PIPE SYSTEMS.

IF STAKES ARE LEFT IN THE GROUND AT THE STACK AND LEADS AFTER CONSTRUCTION OF UTILITIES, THEN AN EFFORT WILL BE MADE TO PRESERVE THEM DURING PAVING C UTILITY CONTRACTOR REMAINS RESPONSIBLE FOR LOCATING AND MARKING THE FACILITIES AS DESCRIBED BELOW.

THE UTILITY CONTRACTOR IS RESPONSIBLE FOR LOCATING AND MARKING ALL STACKS AND FAR SIDE LEADS AFTER THE PAVING IN THIS SECTION IS COMPLETE. A 1/4-INCH DEEP NOTCH SHALL BE CUT IN THE CURB AND PAINTED WITH A RED LINE ADJACENT TO THE STACK OR LEAD.



4 SINGLE SEWER SERVICE



5 DOUBLE SEWER SERVICE



NOTES:

1. ALL SANITARY SEWER TAPS SHOULD BE PLACED IN LINE WITH PROPERTY CORNER OR PLACED HALF WAY BETWEEN THE FRONT LOT CORNERS, OR AT PC OF CURB RETURN IN MULT LOT SUBDIVISIONS.
2. NECESSITY FOR USE OF THIS SECTION TO BE DETERMINED BY THE ENGINEER AS CONSTRUCTION PROGRESSES AND MAY BE MODIFIED BY THE SUIT CONDITIONS ENCOUNTERED.
3. WELL POINTS TO BE INSTALLED AND TRENCH KEPT DRY DURING CONSTRUCTION UNTIL BACKFILL IS COMPLETELY PLACED AND ENOUGH TIME AS APPROVED BY ENGINEER HAS ELAPSED.

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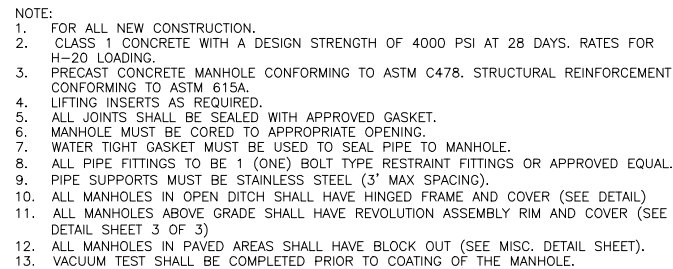
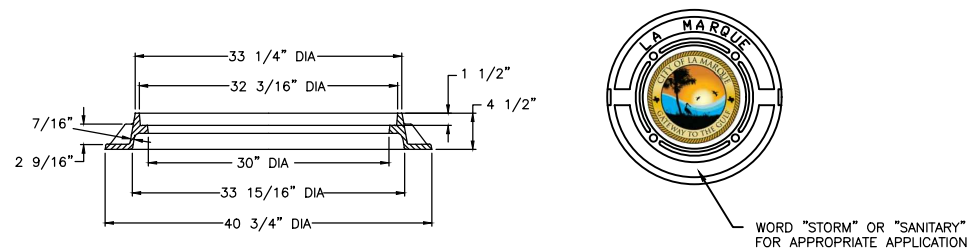
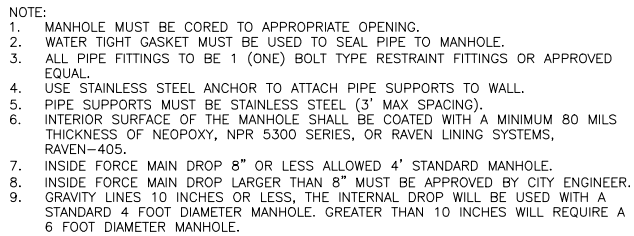
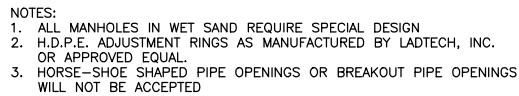
CITY OF LA MARQUE, TEXAS

STANDARD DETAILS



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P.E. SERIAL No. xxxxx
DATE: xxxxx

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CK'D BY: D.V.H.	SHEET DESCRIPTION:	SANITARY SEWER DETAILS - 1
SCALE: N.T.S.		
DATE:	APPROVED BY:	SHEET NO: /



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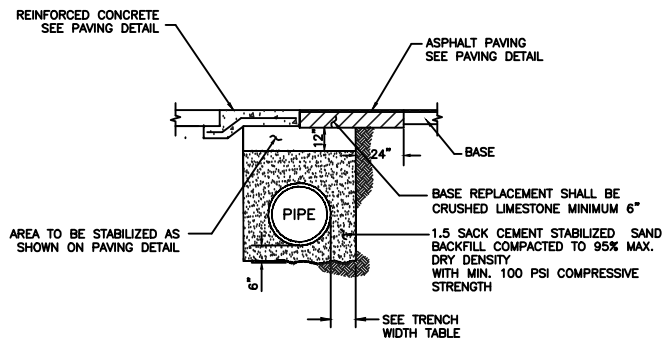


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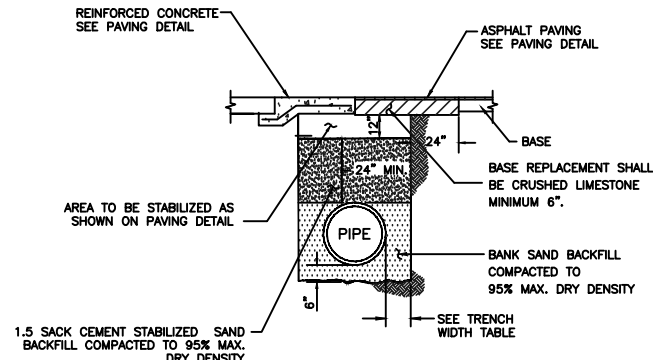
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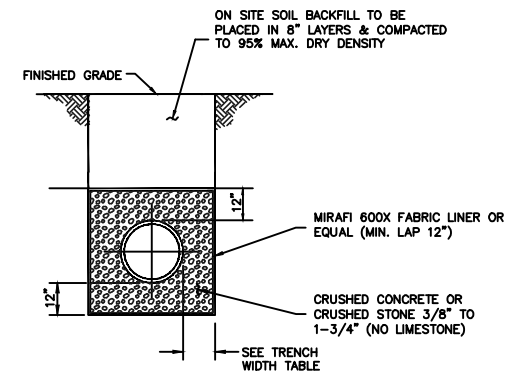
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CK'D BY: D.V.H.		
SCALE: N.T.S.		SHEET NO: /
DATE:	APPROVED BY:	



1 TRENCH SECTION FOR GRAVITY SEWER UNDER PAVEMENT



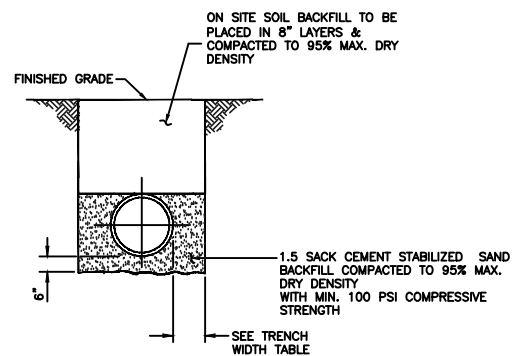
4 BEDDING AND BACKFILL FOR FORCE MAIN UNDER PAVEMENT



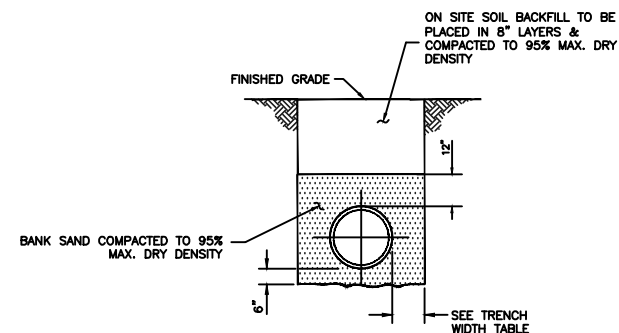
7 BEDDING AND BACKFILL FOR WET SAND GRADED AREA

- NOTE:
1. ALL PVC PIPE SHALL HAVE RUBBER GASKET EQUIPPED BELL AND SPIGOT JOINTS CONFORMING TO ASTM D3212. ELASTOMERIC SEALS SHALL BE A SINGLE DOUBLE-SEALING GASKET SPANNING ONE FULL CORRUGATION WITH THE LEADING EDGE BEING LOWER THAN THE SECOND EDGE TO FACILITATE PROPER JOINING. THE GASKET MATERIAL SHALL CONFORM TO ASTM F477.
 2. ALL CEMENT STABILIZED SAND BACKFILL SHALL CONFORM TO SPECIFICATION CEMENT STABILIZED SAND - SECTION 02252.
 3. ALL JOINTS IN PRE-CAST CONCRETE PIPE AND BOX SHALL RECEIVE JOINT SEALANT, RAM-NEK, OR APPROVED EQUAL.
 4. ALL PIPE WITHIN 1' OF PAVEMENT SHALL USE BACKFILL DETAIL FOR UNDER PAVEMENT.

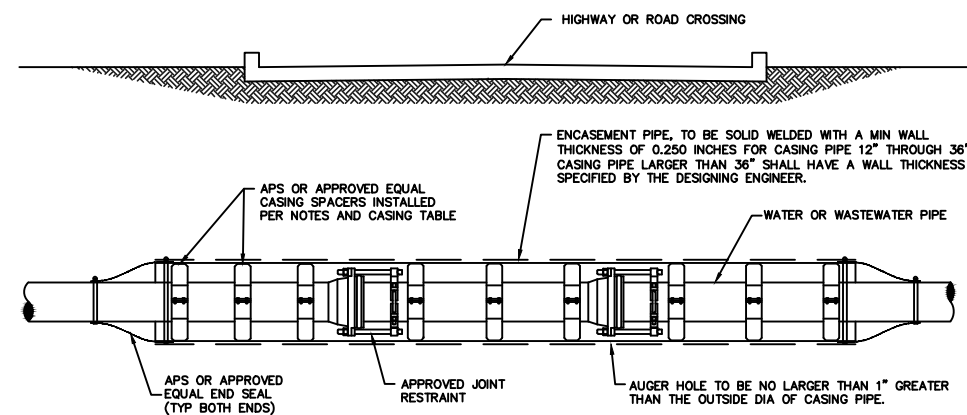
TRENCH WIDTH TABLE	
NOMINAL PIPE SIZE (INCHES)	MINIMUM TRENCH WIDTH (INCHES)
LESS THAN 18	O.D. + 18
18 TO 30	O.D. + 24
GREATER THAN 30	O.D. + 36



2 AA PIPE BEDDING DETAIL FOR GRAVITY SEWER GRADED AREA



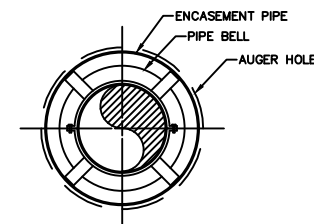
5 BEDDING AND BACKFILL FOR FORCE MAIN GRADED AREA



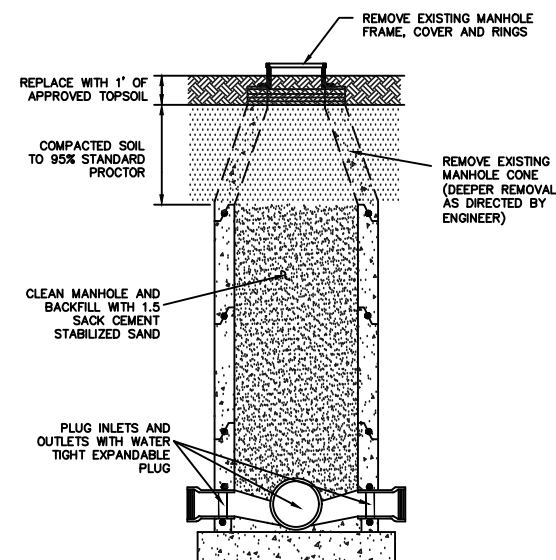
LONGITUDINAL SECTION

CASING TABLE		
NOMINAL PIPE SIZE DIA IN INCHES	MIN CASING SIZE INSIDE DIA IN INCHES	MAX SKID SUPPORT SPACING IN FEET
4	12	4.7
6	12	6.3
8	16	7.4
10	18	8.5
12	20	9.6
15	22	11.0
18	26	12.0
21	30	12.0
24	33	12.0
27	36	12.0

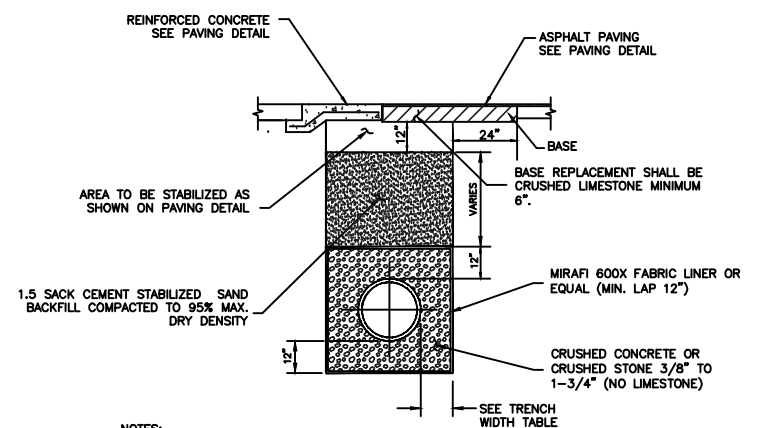
- NOTES:
1. SPACERS FOR CARRIER PIPE SHALL BE STAINLESS STEEL, NEOPRENE OR APPROVED EQUAL AND SHALL BE INSTALLED TO CENTER CARRIER PIPE WITHIN CASING WITH A MAX TOLERANCE OF 1/2" BETWEEN RUNNER AND CASING INSIDE AS WELL AS PREVENT THE CARRIER PIPE FROM RESTING ON THE BELLS WITHIN THE CASING. SEE CASING TABLE FOR SPACER DISTANCE AND NUMBER OF SPACERS.
 2. SPACERS TO BE PLACED A MIN OF 1' BACK FROM EACH JOINT THAT FALLS WITHIN CASING, A GREATER SET BACK MAY BE REQUIRED FOR LARGER PIPE. SEE CASING TABLE FOR ADDITIONAL INFO ON SPACING OF SUPPORTS.
 3. WHEN INSTALLING GRAVITY PIPE WITH CASING CONTRACTOR SHALL TAKE INTO CONSIDERATION PIPE GRADE SO THAT THE SEWER PIPE MAINTAINS THE PROPER FALL.
 4. JOINT RESTRAINTS ARE REQUIRED ON ALL JOINTS THAT FALL UNDER OR WITHIN 10' OF HIGHWAY CROSSINGS REGARDLESS OF PIPE MATERIAL, Cased OR NOT.



CROSS SECTION



3 SANITARY SEWER MANHOLE ABANDONMENT



- NOTES:
1. NECESSITY FOR USE OF THIS SECTION TO BE DETERMINED BY THE ENGINEER AS CONSTRUCTION PROGRESSES AND MAY BE MODIFIED BY THE ENGINEER TO SUIT CONDITIONS ENCOUNTERED.
 2. WELL POINTS TO BE INSTALLED AND TRENCH KEPT DRY DURING CONSTRUCTION UNTIL BACKFILL IS COMPLETELY PLACED AS APPROVED BY ENGINEER.

6 BEDDING AND BACKFILL FOR WET SAND UNDER PAVEMENT

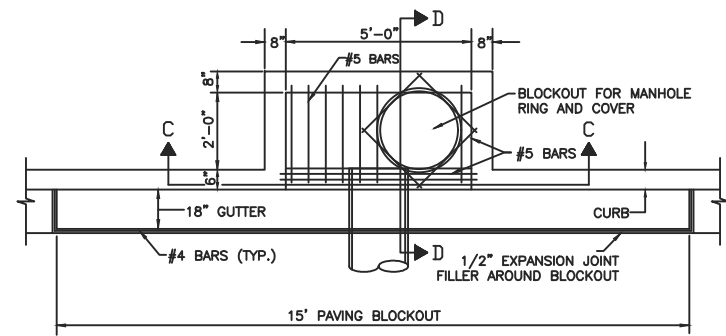
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CITY OF LA MARQUE, TEXAS STANDARD DETAILS

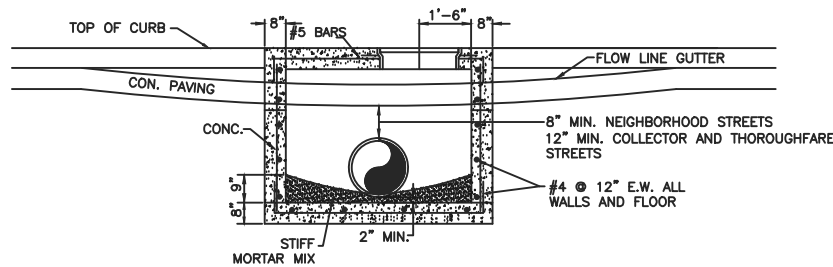


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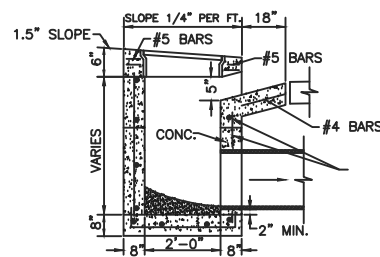
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CK'D BY: D.V.H.	SHEET DESCRIPTION: SANITARY SEWER DETAILS - 3	
SCALE: N.T.S.		
DATE:	APPROVED BY:	



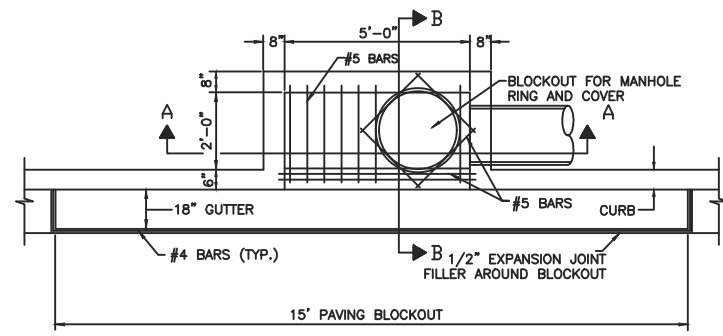
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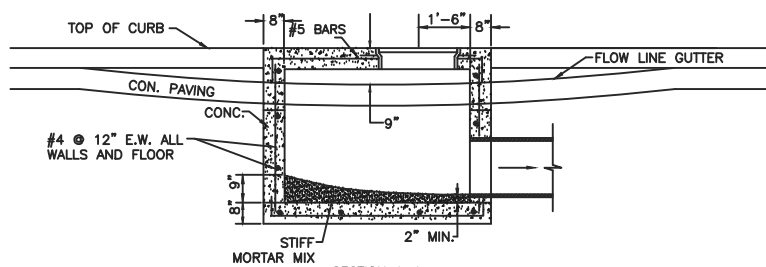
SECTION C-C



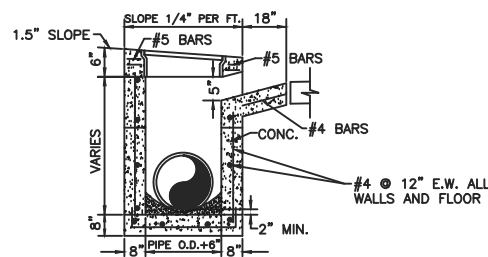
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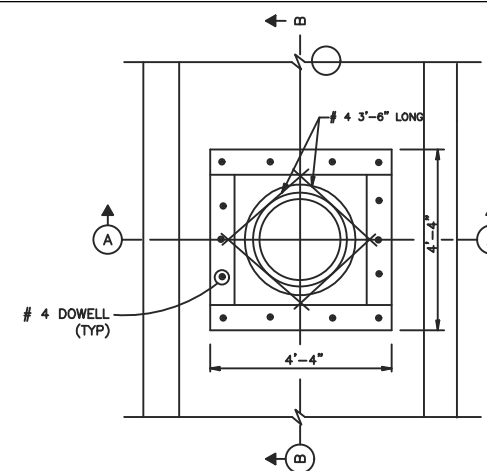
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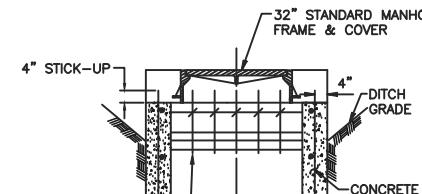
SECTION A-A



SECTION B-B



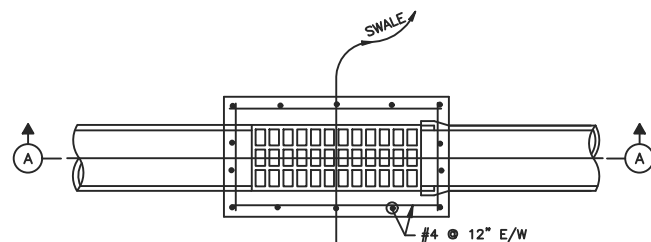
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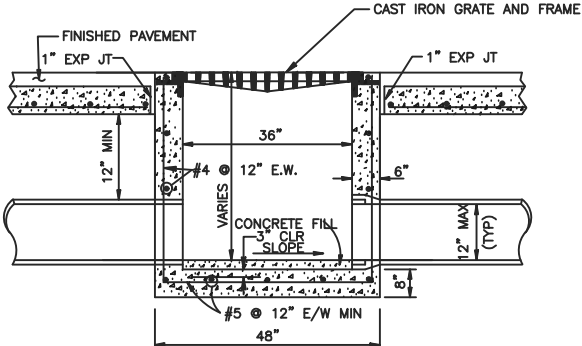
SECTION B

NOTES:

1. ONLY CAST-IN-PLACE OR PRE-CAST MANHOLES SHALL BE USED.
2. NO BRICKS OF ANY KIND WILL BE ALLOWED IN CONSTRUCTION OF MANHOLES OR INLETS.
3. MANHOLES AND INLETS SHOULD BE PLACED AT THE LOT LINE.
4. ALL DETENTION AND PERIMETER DRAINAGE SHALL BE COMPLETED BEFORE ANY INTERIOR CONSTRUCTION IS STARTED.
5. THE MINIMUM COMPRESSIVE STRENGTH OF CONCRETE SHALL BE MIN. 4000 PSI AT 28 DAYS.
6. FOR CAST IN PLACE STORM INLETS: FOUR FIELD TEST CYLINDERS SHALL BE TAKEN FROM EACH MIX DESIGN PLACED EACH DAY ACCORDING ASTM C172-04 STANDARD PRACTICE FOR SAMPLING FRESHLY MIXED CONCRETE.
7. THE CONTRACTOR SHALL INSTALL COP STORM DRAIN LABEL ON ALL C INLETS. THE CONTRACTOR SHALL REQUEST AND OBTAIN LABEL FROM PUBLIC WORKS. SASHCO SEALANTS CLEAR/WHITE LEXEL ADHESIVE CAULK OR APPROVED EQUAL SHALL BE USED AS ADHESIVE FOR INSTALLATION.

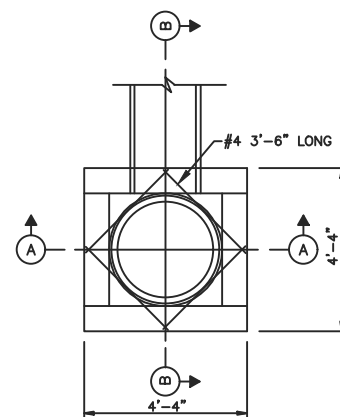


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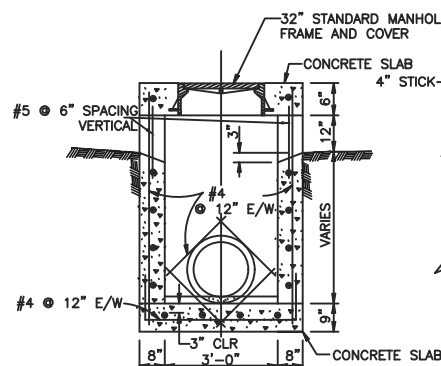


SECTION A

2 "D" INLET

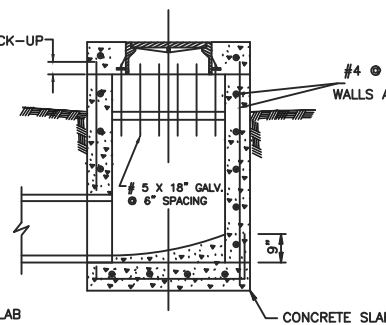


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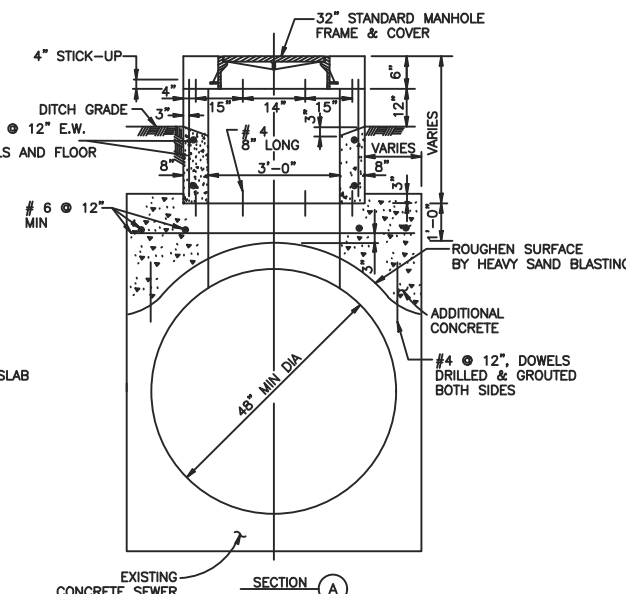


SECTION A

3 "E" INLET



SECTION B



SECTION A

4 "E" INLET

NO.	REVISIONS	DATE	NAME
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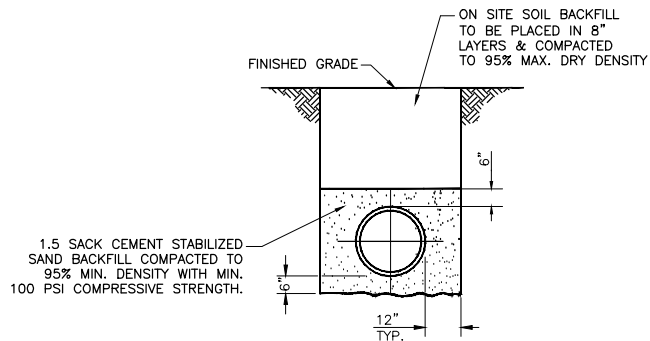
CITY OF LA MARQUE, TEXAS STANDARD DETAILS

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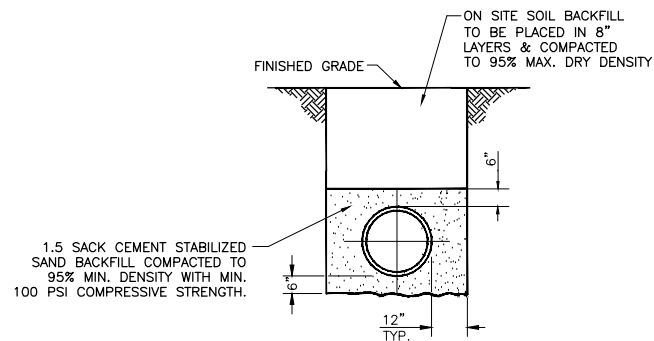


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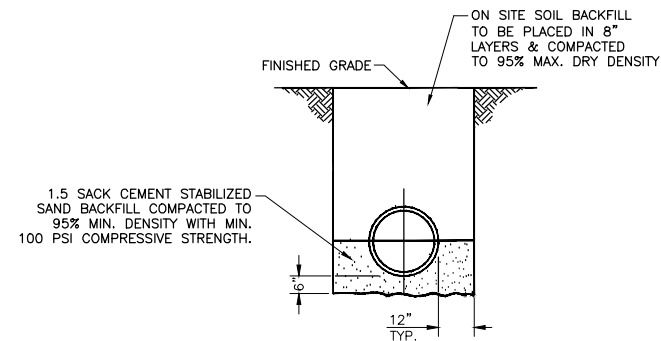
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DRAWN BY: D.P.D.	SHEET DESCRIPTION: STORM SEWER DETAILS - 2	
CK'D BY: D.V.H.	APPROVED BY:	/
SCALE: N.T.S.	DATE:	



1 **AA PIPE BEDDING DETAIL**
HDPE OR PVC STORM SEWER

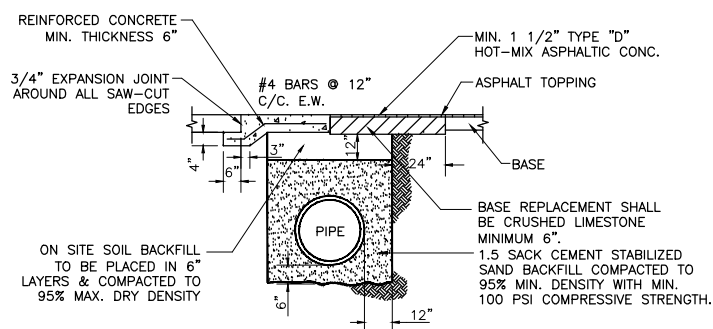


2 **PIPE BEDDING DETAIL**
CONCRETE PIPE (TONGUE AND GROOVE)

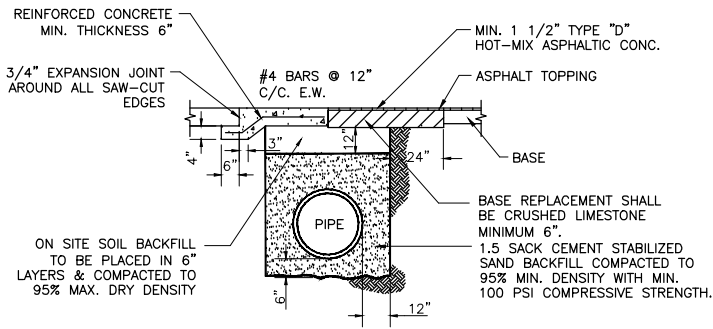


3 **PIPE BEDDING DETAIL**
BELL AND SPIGOT CONCRETE PIPE (RUBBER GASKET)

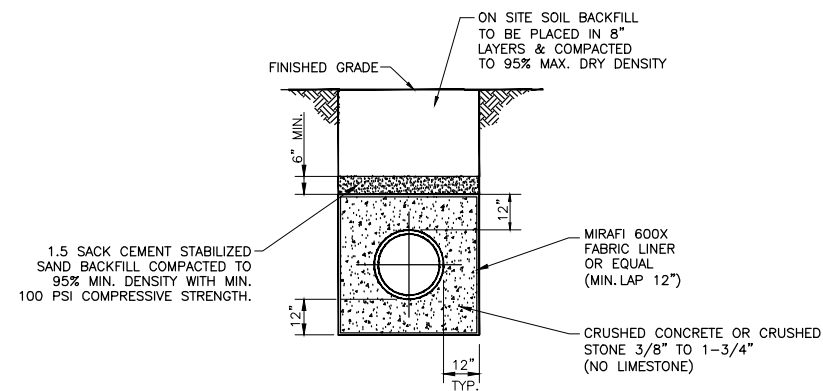
- NOTES:
- POURED-IN-PLACE OR PRE-CAST MANHOLES ONLY SHALL BE USED.
 - NO BRICKS OF ANY KIND WILL BE ALLOWED IN CONSTRUCTION OF MANHOLES OR INLETS.
 - ALL PVC PIPE SHALL HAVE RUBBER GASKET EQUIPPED BELL AND SPIGOT JOINTS CONFORMING TO ASTM D3212. ELASTOMERIC SEALS SHALL BE A SINGLE DOUBLE-SEALING GASKET SPANNING ONE FULL CORRUGATION WITH THE LEADING EDGE BEING LOWER THAN THE SECOND EDGE TO FACILITATE PROPER JOINING. THE GASKET MATERIAL SHALL CONFORM TO ASTM F477.
 - FOR ALL PRE-CAST AND POURED-IN-PLACE INLETS AND JUNCTION BOXES, CENTER DOUBLE-SEALING GASKET IN WALL AND GROUT COMPLETELY AROUND PVC PIPE. GROUT SHALL BE SMOOTH AND FLUSH WITH INNER AND OUTER WALL WHEN ENTERING AT AN ANGLE TO THE WALL OR THROUGH THE CORNER OF AN INLET OR JUNCTION BOX, THE GASKET MAY BE OMITTED.
 - ALL CEMENT STABILIZED SAND BACKFILL SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 100 PSI.



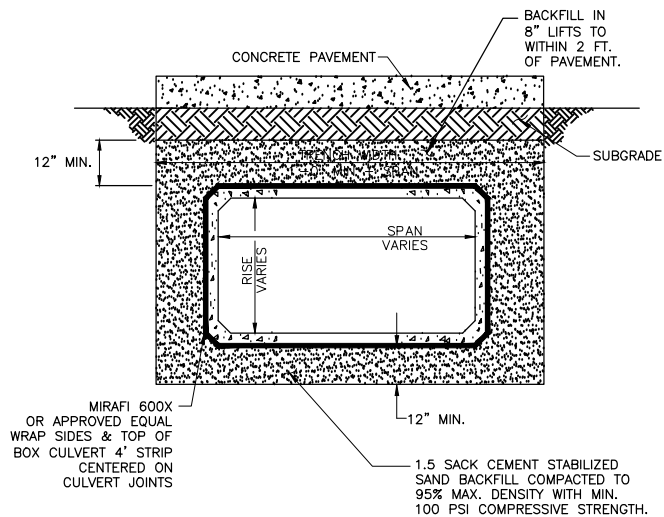
4 **TRENCH SECTION IN PAVED AREA**
HDPE OR PVC STORM SEWER



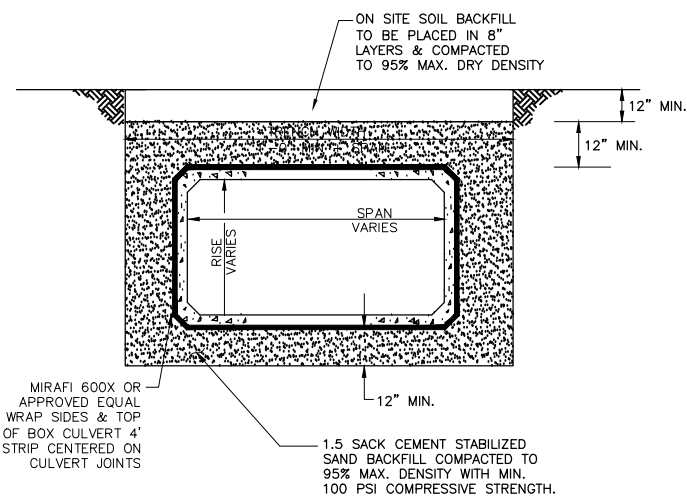
5 **PIPE BEDDING DETAIL**
CONCRETE PIPE (TONGUE AND GROOVE)
BELL AND SPIGOT CONCRETE PIPE (RUBBER GASKET)



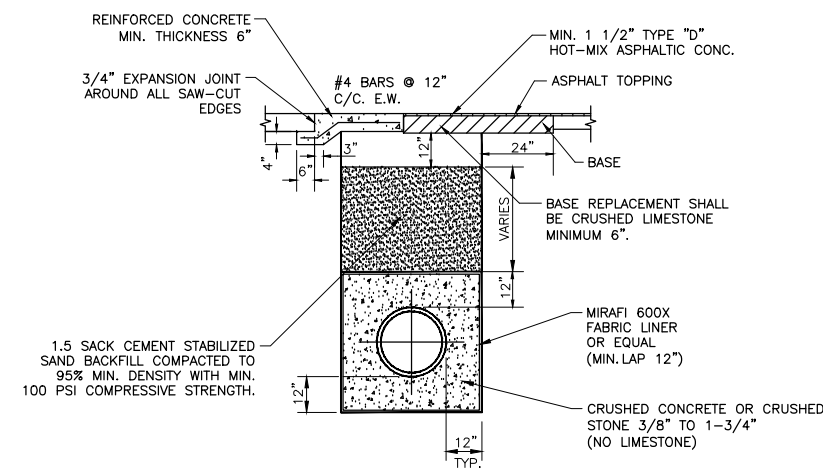
6 **BEDDING AND BACKFILL FOR WET SAND**



7 **BEDDING AND BACKFILL**
FOR REINFORCED CONCRETE BOX CULVERTS
UNDER PAVEMENT



8 **BEDDING AND BACKFILL**
FOR REINFORCED CONCRETE BOX CULVERTS



9 **BEDDING AND BACKFILL FOR WET SAND**
UNDER PAVEMENT

- NOTES:
- NECESSITY FOR USE OF THIS SECTION TO BE DETERMINED BY THE ENGINEER AS CONSTRUCTION PROGRESSES AND MAY BE MODIFIED BY HIM TO SUIT CONDITIONS ENCOUNTERED.
 - WELL POINTS TO BE INSTALLED AND TRENCH KEPT DRY DURING CONSTRUCTION UNTIL BACKFILL IS COMPLETELY PLACED AND ENOUGH TIME AS APPROVED BY ENGINEER HAS ELAPSED.

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CITY OF LA MARQUE, TEXAS STANDARD DETAILS

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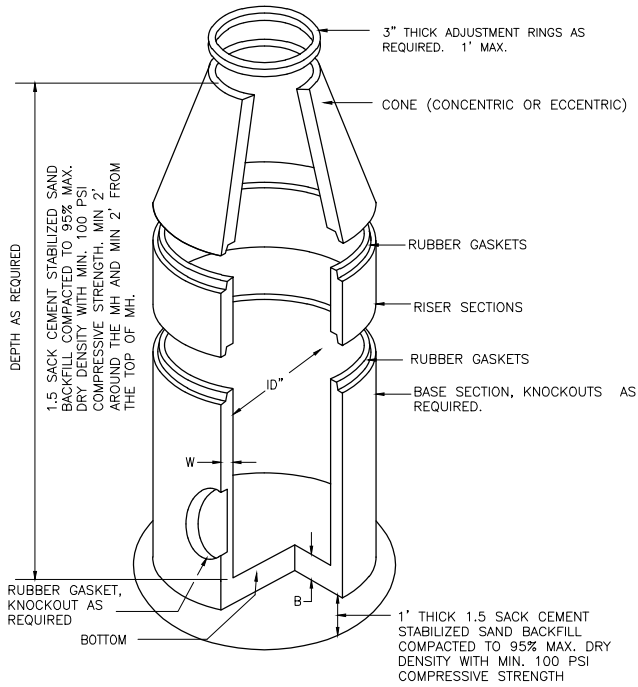
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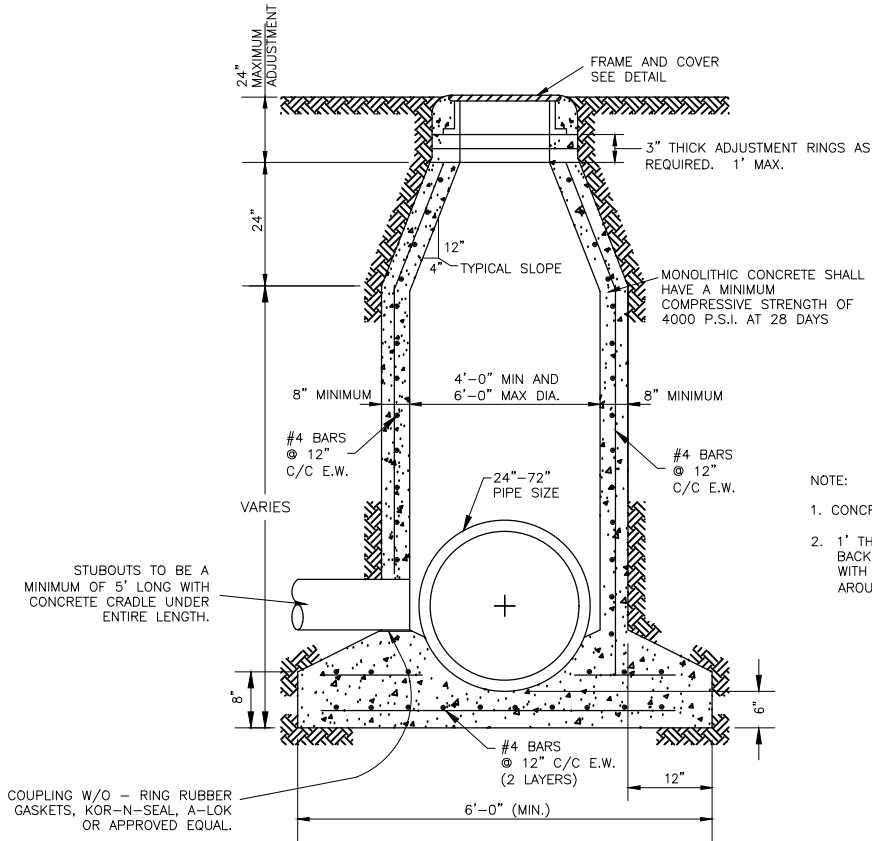
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CK'D BY: D.V.H.		
SCALE: N.T.S.		
DATE:	APPROVED BY:	

DIMENSIONS AND WEIGHTS				
I.D. SIZE (in)	W (in)	B (in)	RISER WT/LF (lb)	
48	5	6	868	
60	6	8	1300	
72	7	8	1811	
96	9	8	3090	

- NOTE:
1. CLASS 1 CONCRETE WITH A DESIGN STRENGTH OF 4000 PSI AT 28 DAYS. RATES FOR H-20 LOADING.
 2. PRECAST CONCRETE MANHOLE CONFORMING TO ASTM C478. STRUCTURAL REINFORCEMENT CONFORMING TO ASTM 615A.
 3. LIFTING INSERTS AS REQUIRED.
 4. ALL JOINTS SHALL BE SEALED WITH APPROVED GASKET.
 5. LARGER INSIDE DIAMETER MANHOLES SHALL BE REQUIRED IF LESS THAN 1' OF WALL SURFACE IS LEFT BETWEEN OPENINGS OR AS SPECIFIED BY ENGINEER.
 6. ALL MANHOLES IN OPEN DITCH AND ABOVE FINISHED GRADE SHALL HAVE HINGED FRAME AND COVER.
 7. ALL MANHOLES IN PAVED AREAS SHALL HAVE BLOCK OUT (SEE DRIVEWAY DETAIL SHEET).



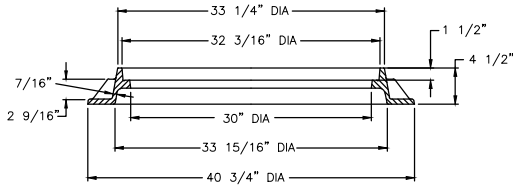
1 TYPE "C" PRECAST STORM SEWER MANHOLE



- NOTE:
1. CONCRETE SHALL BE A MONOLITHIC POUR.
 2. 1' THICK 1.5 SACK CEMENT STABILIZED SAND BACKFILL COMPACTED TO 95% MAX. DRY DENSITY WITH MIN. 100 PSI COMPRESSIVE STRENGTH AROUND MANHOLE COMPACTED IN 8" LIFTS.

- NOTE:
1. ONLY CAST-IN-PLACE OR PRE-CAST MANHOLES SHALL BE USED.
 2. NO BRICKS OF ANY KIND WILL BE ALLOWED IN CONSTRUCTION OF MANHOLES OR INLETS.
 3. FOR ALL PRE-CAST AND POURED-IN-PLACE INLETS AND JUNCTION BOXES, CENTER DOUBLE- SEALING GASKET IN WALL AND GROUT COMPLETELY AROUND DUAL WALLPVC PIPE. GROUT SHALL BE SMOOTH AND FLUSH WITH INNER AND OUTER WALL WHEN ENTERING AT AN ANGLE TO THE WALL OR THROUGH THE CORNER OF AN INLET OR JUNCTION BOX, THE GASKET MAY BE OMITTED.
 4. ALL CEMENT STABILIZED SAND BACKFILL SHALL BE 1.5 SACK CEMENT WITH MINIMUM 100PSI COMPRESSIVE STRENGTH.

2 TYPE "C" CAST-IN-PLACE STORM SEWER MANHOLE



WORD "STORM" OR "SANITARY" FOR APPROPRIATE APPLICATION

- NOTE:
1. MANHOLE FRAME AND COVER TO BE EAST JORDAN IRON WORKS PATTERN, OR OTHER APPROVED EQUAL, WHERE SEWER IS LOCATED IN EASEMENTS, CONTRACTOR MAY USE LIGHTWEIGHT F AND C, APPROVED BY THE ENGINEER.
 2. STAINLESS STEEL INFLOW PREVENTERS MADE BY KoLa, INC., OR APPROVED EQUAL, SHALL BE USED ON ALL SANITARY SEWER MANHOLES.
 3. ALL MANHOLES IN OPEN DITCH AND ABOVE FINISHED GRADE SHALL HAVE HINGED FRAME AND COVER.

3 MANHOLE COVER AND FRAME

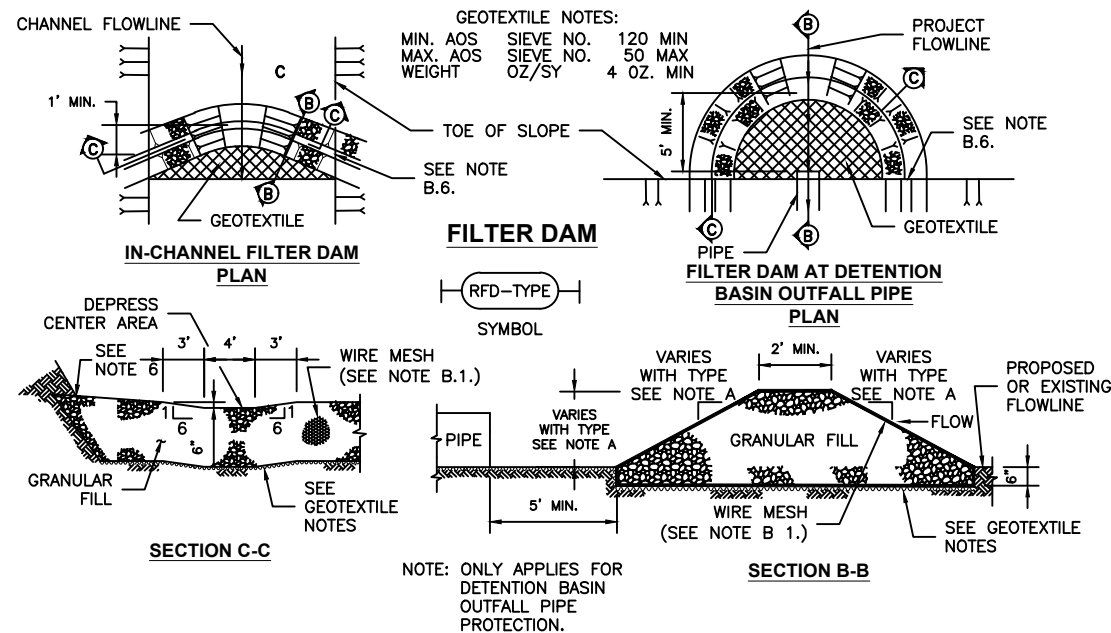
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CITY OF LA MARQUE, TEXAS STANDARD DETAILS



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DOCUMENT INCOMPLETE:
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BIDDING, OR PERMIT PURPOSES
ENGINEER: xxxx
P.E. SERIAL No. xxxx
DATE: xxxx

PROJECT TITLE:			
DRAWN BY:	D.P.D.	SHEET DESCRIPTION: STORM SEWER DETAILS - 4	
CK'D BY:	D.V.H.		
SCALE:	N.T.S.	APPROVED BY:	SHEET NO: /
DATE:			



A. TYPES OF FILTER DAMS

1. TYPE 1 (NON-REINFORCED)
 - a. HEIGHT - 18-24 INCHES. MEASURE VERTICALLY FROM EXISTING GROUND TO TOP OF FILTER DAM.
 - b. TOP WIDTH - 2 FEET (MINIMUM)
 - c. SLOPES - 2:1 (MAXIMUM).
2. TYPE 2 (REINFORCED),
 - a. HEIGHT - 18-36 INCHES. MEASURE VERTICALLY FROM EXISTING GROUND TO TOP OF FILTER DAM.
 - b. TOP WIDTH - 2 FEET (MINIMUM).
 - c. SLOPES - 2:1 (MAXIMUM).
3. TYPE 3 (REINFORCED)
 - a. HEIGHT - 36-48 INCHES. MEASURE VERTICALLY FROM EXISTING GROUND TO TOP OF FILTER DAM.
 - b. TOP WIDTH - 2 FEET (MINIMUM).
 - c. SLOPES - 3:1 (MAXIMUM).
4. TYPE 4 (GABION)
 - a. HEIGHT - 30 INCHES (MINIMUM). MEASURE VERTICALLY FROM EXISTING GROUND TO TOP OF FILTER DAM.
 - b. TOP WIDTH - 2 FEET (MINIMUM).
5. TYPE 5. AS SHOWN ON THE PLANS.

B. CONSTRUCT FILTER DAMS ACCORDING TO THE FOLLOWING CRITERIA UNLESS SHOWN OTHERWISE ON THE PLANS.

1. TYPE 2 AND 3 FILTER DAMS: SECURE WITH 20 GAUGE GALVANIZED WOVEN WIRE MESH WITH 1 INCH DIAMETER HEXAGONAL OPENINGS.
2. PLACE GRANULAR FILL ON THE WIRE MESH TO HEIGHT AND SLOPES SHOWN ON PLANS OR AS SPECIFIED BY THE ENGINEER.
 - a. 3-5 INCHES FOR ROCK FILTER DAM TYPES 1, 2 AND 4.
 - b. 4-8 INCHES FOR ROCK FILTER DAM TYPE REFER TO GRANULAR FILL IN SPECIFICATION SECTION No. 02378 RIPRAP AND GRANULAR FILL.
3. FOLD WIRE MESH AT UPSTREAM SIDE OVER GRANULAR FILL AND TIGHTLY SECURED TO ITSELF ON THE DOWNSTREAM SIDE USING WIRE TIES OR HOG RINGS.
4. IN STREAMS: SECURE OR STAKE MESH TO STREAM BED PRIOR TO AGGREGATE PLACEMENT.
5. SEE HCFCD SPECIFICATION SECTION NO. 02364-FILTER DAMS.
6. EMBED ONE FOOT MINIMUM INTO SLOPE AND RAISE ONE FOOT HIGHER THAN CENTER OF DEPRESSED AREA AT SLOPE.

MAINTENANCE

ALL EROSION AND SEDIMENT CONTROL WILL BE MAINTAINED IN GOOD WORKING ORDER. IF A REPAIRS NECESSARY IT WILL BE DONE AT THE EARLIEST DATE POSSIBLE, BUT NO LATER THAN 7 CALENDAR DAYS AFTER THE SURROUNDING EXPOSED GROUND HAS DRIED SUFFICIENTLY TO PREVENT FURTHER DAMAGE FROM HEAVY EQUIPMENT. THE AREA ADJACENT TO CREEKS AND DRAINAGE WAYS SHALL HAVE PRIORITY FOLLOWED BY DEVICES PROTECTING STORM SEWER INLETS.

INSPECTION

ALL INSPECTION WILL BE PERFORMED BY A CERTIFIED INSPECTOR EVERY SEVEN DAYS OR TWO WEEKS, AS WELL AS AFTER EVERY HALF-INCH OR MORE OF RAIN (AS RECOMMENDED ON A NON-FREEZING RAIN GAUGE TO BE LOCATED AT THE PROJECT SITE). AN INSPECTION AND MAINTENANCE REPORT SHOULD BE MADE FOR EACH INSPECTION. BASED ON THE INSPECTION RESULTS, THE CONTROLS SHALL BE REVISED ACCORDING TO THE INSPECTION REPORT.

WASTE MATERIALS

THE DUMPSTER USED TO STORE ALL WASTE MATERIAL WILL MEET ALL STATE AND THE CITY OF LA MARQUE SOLID WASTE ORDINANCE. ALL TRASH AND CONSTRUCTION DEBRIS WILL BE DEPOSITED IN THE DUMPSTER. THE DUMPSTER WILL BE EMPTIED AS NECESSARY OR AS REQUIRED BY LOCAL REGULATION AND THE TRASH WILL BE HAULED TO A LOCAL DUMP. NO CONSTRUCTION WASTE MATERIAL WILL BE BURIED ON SITE.

HAZARDOUS WASTE (INCLUDING SPILL REPORTING)

IN THE EVENT OF A SPILL WHICH MAY BE CONSIDERED HAZARDOUS, THE CITY OF LA MARQUE FIRE DEPARTMENT SHALL BE CONTACTED IMMEDIATELY AT 409-938-9260.

SANITARY WASTE

CONTRACTOR SHALL PROVE SANITARY WASTE FACILITIES IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REQUIREMENTS AND SPACING. ALL SANITARY WASTE SHALL BE COLLECTED FROM THE PORTABLE UNITS BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR OR FIRM AS NEEDED OR AS REQUIRED BY LOCAL REGULATIONS.

ADDITIONAL

DISPOSAL AREAS, STOCKPILES, AND HAUL ROADS SHALL BE CONSTRUCTED IN A MANNER THAT WILL MINIMIZE AND CONTROL THE SEDIMENT THAT MAY ENTER RECEIVING WATERWAYS.

CONSTRUCTION STAGING AREAS AND VEHICLE MAINTENANCE AREAS SHALL BE CONSTRUCTED BY THE CONTRACTOR IN A MANNER WHICH MINIMIZES THE RUNOFF OF ALL POLLUTANTS.

ALL WATERWAYS SHALL BE CLEARED AS SOON AS PRACTICAL OF TEMPORARY EMBANKMENTS, TEMPORARY BRIDGES, MATTING, FALSEWORK, PILING, DEBRIS, AND OTHER OBSTRUCTIONS PLACED DURING CONSTRUCTION OPERATIONS THAT ARE NOT PART OF THE FINISHED OWRK.

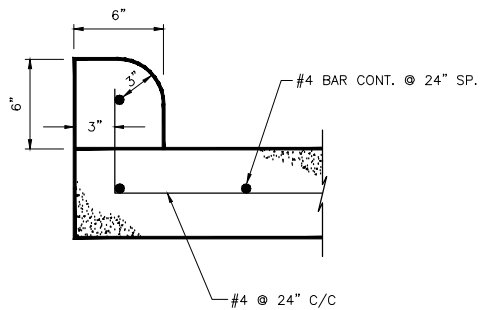
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CITY OF LA MARQUE, TEXAS
STANDARD DETAILS

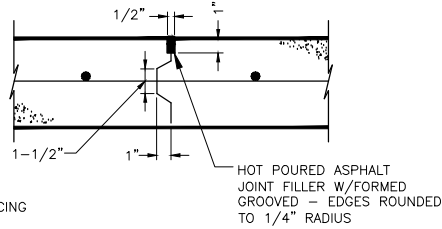


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DATE: xxx	

PROJECT TITLE:	
DRAWN BY: D.P.D.	SHEET DESCRIPTION:
CK'D BY: D.V.H.	
SCALE: N.T.S.	APPROVED BY:
DATE:	
SHEET NO: /	

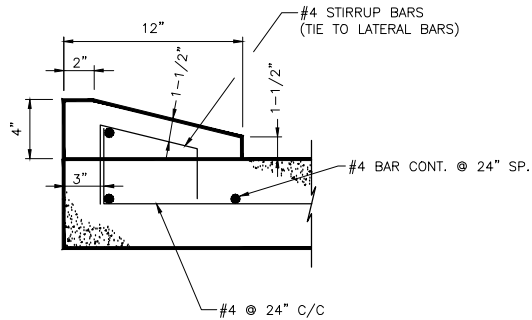


1 **DETAIL - CONCRETE CURB**
SCALE: 1"=0.5'

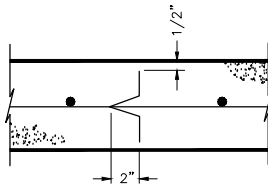


NOTES:
MAX. 20' SPACING

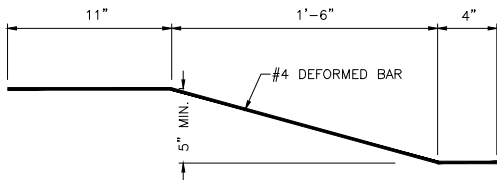
4 **DETAIL - CONSTRUCTION JOINT**
SCALE: 1"=0.5'



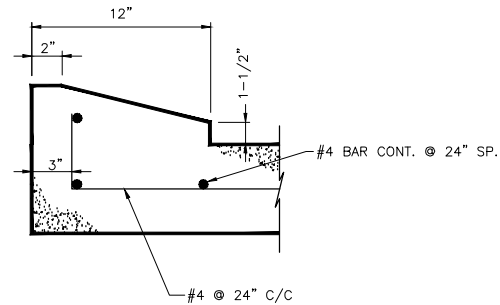
7 **DOWEL-ON MOUNTABLE CURB**
SCALE: 1"=0.5'



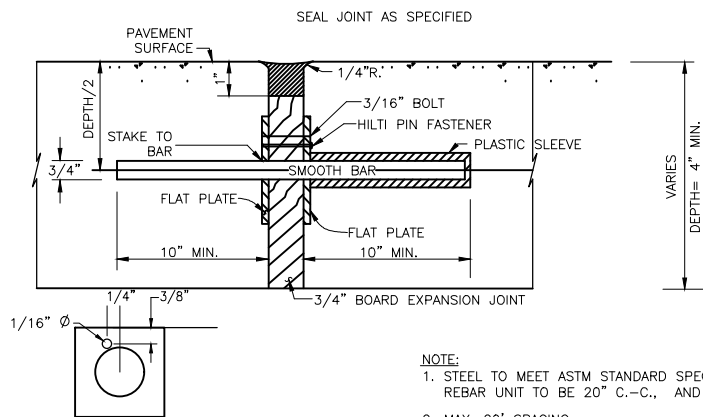
2 **DETAIL - DEFORMED METAL STRIP CONTROL JOINT**
(20' SPACING TYP.)
SCALE: 1"=0.5'



5 **DETAIL - UNDERCUT BAR**
SCALE: 1"=0.5'

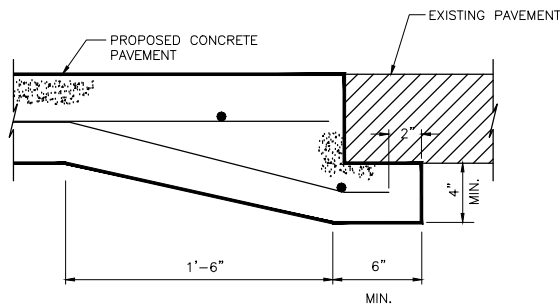


8 **MONOLITHIC MOUNTABLE CURB**
SCALE: 1"=0.5'

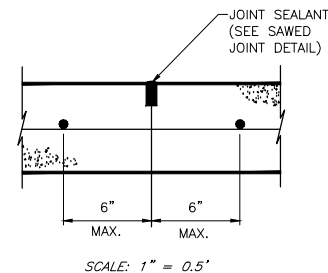


NOTE:
1. STEEL TO MEET ASTM STANDARD SPECIFICATION FOR CONCRETE.
REBAR UNIT TO BE 20" C.-C., AND 10" MIN., 20" MAX.
2. MAX. 20' SPACING

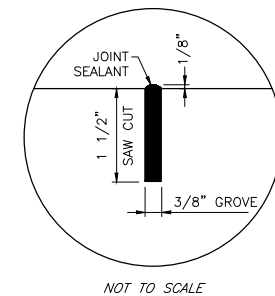
3 **DETAIL - DOWEL TYPE EXPANSION JOINT**
N.T.S



6 **DETAIL - PAVING UNDERCUT**
SCALE: 1"=0.5'



SCALE: 1" = 0.5'



NOT TO SCALE

9 **SAW CUT CONTROL JOINT**
N.T.S

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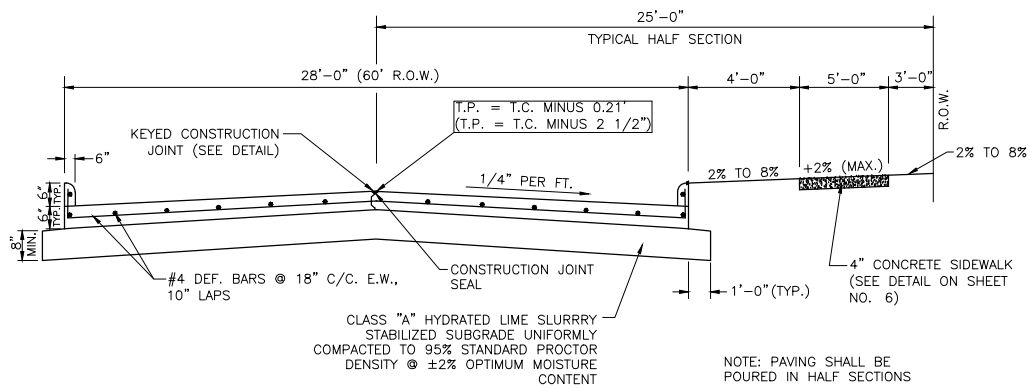
CITY OF LA MARQUE, TEXAS STANDARD DETAILS

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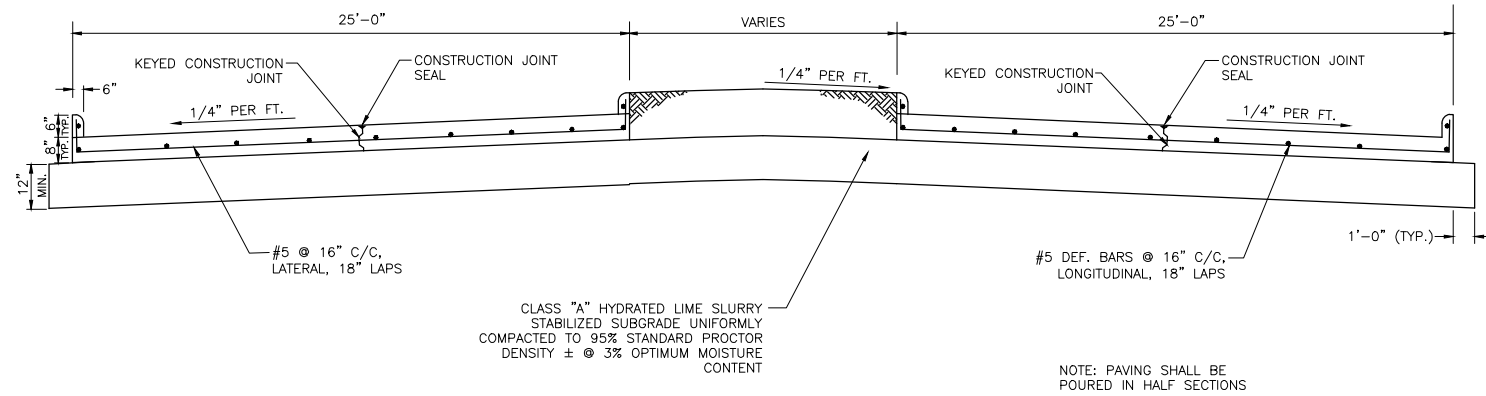


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P.E. SERIAL No. xxxx
DATE: xxx

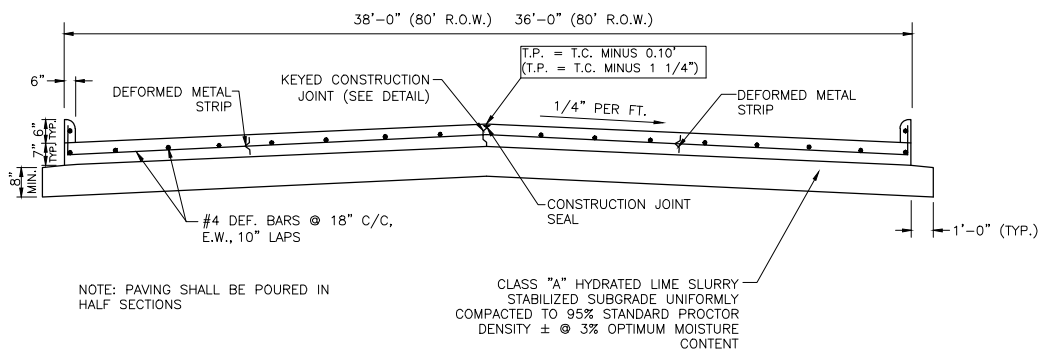
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CK'D BY:	D.V.H.	
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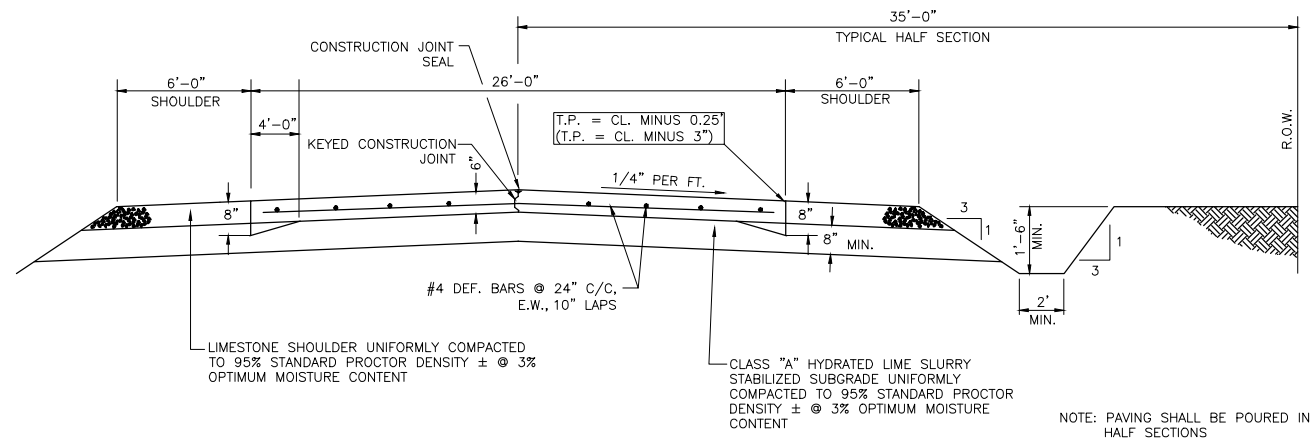
28'-0" WIDE CONCRETE PAVEMENT
RESIDENTIAL STREETS



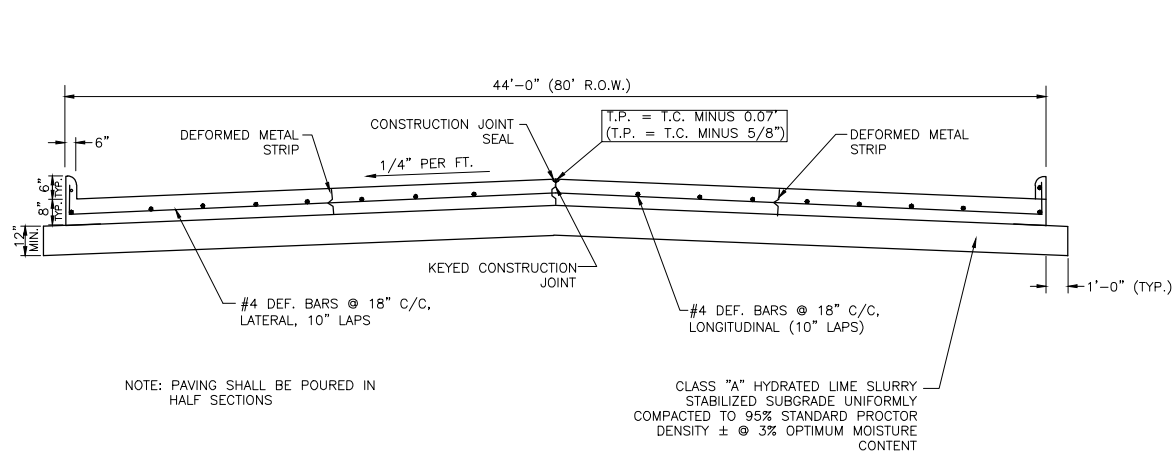
50'-0" WIDE CONCRETE PAVEMENT
MINOR AND MAJOR ARTERIAL - 120' R.O.W.



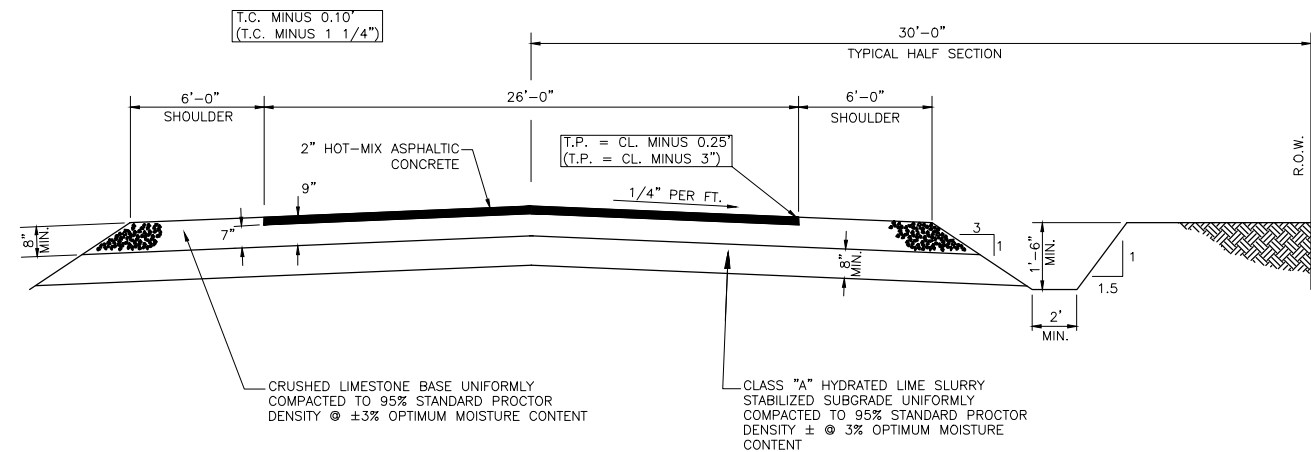
36' - 0" OR 38'-0" WIDE CONCRETE PAVEMENT
MINOR COLLECTOR STREETS - MIN. 80' R.O.W.



26'-0" WIDE CONCRETE PAVEMENT
RESIDENTIAL STREETS IN LARGE LOT SUBDIVISION MIN. 60' R.O.W. (LOTS 1 ACRE OR MORE)



44'-0" WIDE CONCRETE PAVEMENT
COLLECTOR STREETS - MIN. 80' R.O.W.



26'-0" WIDE ASPHALT PAVEMENT
RESIDENTIAL STREETS IN LARGE LOT SUBDIVISION MIN. 60'-0" R.O.W. (LOTS 1 ACRE OR MORE)

- GENERAL NOTES:**
1. PAVING EXPANSION/CONTRACTION JOINTS SHALL BE SPACED AT 59'-9" C/C.
 2. CONCRETE USED FOR PAVEMENT SHALL BE A MINIMUM OF 5-1/2 SACK, 4000 PSI COMPRESSIVE STRENGTH AT 28 DAYS. 4 FIELD TEST CYLINDERS SHALL BE TAKEN FROM EVERY 100 CUBIC YARDS AND ANY PORTION LESS THAN 100 CUBIC YARDS FOR EACH MIX DESIGN PLACED EACH DAY ACCORDING TO ASTM C172-04 STANDARD PRACTICE FOR SAMPLING FRESHLY MIXED CONCRETE.
 3. CLASS "A" HYDRATED LIME SLURRY SHALL BE APPLIED FOR SOIL STABILIZATION.
 4. REINFORCING STEEL SHALL COMPLY WITH OR EXCEED A.S.T.M. SPECIFICATIONS 615, GRADE 60, FOR NO. 4 BARS AND LARGER.

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CITY OF LA MARQUE, TEXAS STANDARD DETAILS

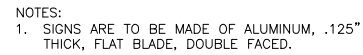
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ENGINEER: xxxx
P.E. SERIAL No. xxxx
DATE: xxx

PROJECT TITLE:		SHEET NO: /
DRAWN BY: D.P.D.	SHEET DESCRIPTION: PAVING DETAILS - 2	
CK'D BY: D.V.H.		
SCALE: N.T.S.		
DATE:	APPROVED BY:	

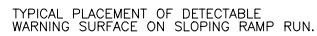
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DRAWN BY: D.P.D.	SHEET DESCRIPTION: PAVING DETAILS - 3	
CK'D BY: D.V.H.		
SCALE: N.T.S.		SHEET NO:
DATE:	APPROVED BY: REVISE 8-10-12	/



N.T.S.



1



1. CURB RAMPS MUST CONTAIN A DETECTABLE WARNING SURFACE THAT CONSISTS OF RAISED TRUNCATED DOMES COMPLYING WITH SECTION 4.29 OF THE TEXAS ACCESSIBILITY STANDARDS (TAS). THE SURFACE MUST CONTRAST VISUALLY WITH ADJOINING SURFACES, INCLUDING SIDE FLARES. FURNISH DARK RED DETECTABLE WARNING SURFACE ADJACENT TO UNCOLORED CONCRETE, INCLUDING SIDE FLARES.
2. DETECTABLE WARNING SURFACES MUST BE SLIP RESISTANT AND NOT ALLOW WATER TO ACCUMULATE.
3. ALIGN TRUNCATED DOMES IN THE DIRECTION OF PEDESTRIAN TRAVEL WHEN ENTERING THE STREET.
4. DETECTABLE WARNING SURFACES SHALL BE A MINIMUM OF 48" IN DEPTH IN THE DIRECTION OF PEDESTRIAN TRAVEL, AND EXTENT THE FULL WIDTH OF THE CURB RAMP (48" FOR 5' WIDE RAMP) OR LANDING WHERE THE PEDESTRIAN ACCESS ROUTE ENTERS THE STREET.
5. THE ACCEPTABLE LIST OF QUALIFIED DETECTABLE WARNING MATERIALS FOR THE CITY OF LA MARQUE INCLUDES ARMOR-TILE CAST IN PLACE TILE, CAST-IN-PLACE COMPOSITE TILES BY ADA SOLUTIONS, INC. AND ANY OTHER PRODUCT THAT IS DEEMED TO BE EQUAL TO OR BETTER THAN THE ABOVE REFERENCED PRODUCTS BY THE CITY ENGINEER. (DETECTABLE WARNING PAVERS ARE NOT PERMITTED.)
6. DETECTABLE WARNING SURFACES SHALL BE LOCATED SO THAT THE EDGE NEAREST THE CURB LINE IS A MINIMUM OF "6" AND A MAXIMUM OF "10" FROM THE EXTENSION OF THE SURFACE OF CURB.



1. ALL SLOPES ARE MAXIMUM ALLOWABLE. THE LEAST POSSIBLE SLOPE THAT WILL STILL DRAIN PROPERLY SHOULD BE USED. ADJUST CURB RAMP LENGTH OR GRADE OF APPROACH SIDEWALKS AS DIRECTED.
2. LANDINGS SHALL BE 5'x5' MINIMUM WITH A MAXIMUM 2% SLOPE IN ANY DIRECTION.
3. ADDITIONAL INFORMATION ON CURB RAMP LOCATION, DESIGN, LIGHT REFLECTION VALUE AND TEXTURE MAY BE FOUND IN THE CURRENT EDITION OF THE TEXAS ACCESSIBILITY STANDARDS (TAS) AND 16 TAC 68.102§
4. SEPERATE CURB RAMP AND LANDINGS FROM ADJACENT SIDEWALK AND ANY OTHER ELEMENTS WITH AN EXPANSION JOINT UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
5. PROVIDE A SMOOTH TRANSITION WHERE THE CURB RAMPS CONNECT TO THE STREET.

(3)



NOTE:

1. ALL STREET LIGHTS ARE TO BE INSTALLED PRIOR TO ACCEPTANCE OF SUBDIVISION BY CITY COUNCIL.
2. ALL INTERIOR STREETS WITHIN THE SUBDIVISION MAY HAVE SIDEWALKS INSTALLED BY THE HOMEOWNER. THE SIDEWALKS ON PERIMETER STREETS SHALL BE INSTALLED BY THE DEVELOPER. SIDEWALKS ON COLLECTOR AND THOROUGHFARE STREETS WILL BE A MINIMUM OF 6 FEET IN WIDTH.
3. ALL H.L. & P. UNDERGROUND CABLE WILL BE BURIED IN RIGID CONDUIT NOT LESS THAN ASTM-A-53 TYPE F GRADE A (DOMESTIC) PIPE, GALVANIZING ASTM-A-123. THIS CONDUIT IS TO BE USED WHEN PLACED UNDER ANY STREET OR DRIVE CROSSING, WATER/SEWER EASEMENTS, OR IN ANY STREET RIGHT OF WAY.



- NOTE:
1. ALL EDGES SHALL BE ROUNDED WITH 3/8" RADIUS.
 2. CONTROL JOINTS SHALL BE SPACED AT 4'-0" INTERVALS.
 3. CONTROL JOINTS SHALL BE 3/8" DEEP AND TROWEL EDGE.
 4. 1/2" EXPANSION MATERIAL REQUIRED WHERE SIDEWALKS ABUT BUILDINGS, CURBS, DRIVEWAYS, OR EXISTING SIDEWALKS.
 5. EXPANSION JOINTS SHALL BE SPACED AT 16 FT. INTERVALS TYPICALLY.
 6. WHERE NEW SIDEWALK IS PLACED AGAINST EXISTING SIDEWALK, SAWCUT EXISTING SIDEWALK FULL DEPTH TO AN EVEN STRAIGHT LINE PRIOR TO INSTALLATION OF THE NEW SIDEWALK.
- ALL NEW SIDEWALK SHALL BE DOWELED INTO ALL ADJACENT CONCRETE STRUCTURES.

4

CITY OF LA MARQUE, TEXAS

STANDARD DETAILS



ENGINEER: xxxx
P.E. SERIAL No. xxxx
DATE: xxx

SHEET NO:

APPENDIX B

COVER SHEET SIGNATURE BLOCK

CITY OF LA MARQUE, TEXAS

THIS IS TO CERTIFY THAT THESE PLANS HAVE BEEN FOUND TO BE IN GENERAL
COMPLIANCE WITH THE CURRENT REQUIREMENT ESTABLISHED BY THE
CITY OF LA MARQUE.



DINH V. HO, P.E., CITY ENGINEER

DATE

NOTE: CITY APPROVAL VALID FOR ONE YEAR AFTER DATE OF SIGNATURES

APPENDIX C

TITLE BLOCK

CITY OF LA MARQUE, TEXAS

THIS IS TO CERTIFY THAT THESE PLANS HAVE BEEN FOUND TO BE IN GENERAL
COMPLIANCE WITH THE CURRENT REQUIREMENT ESTABLISHED BY THE
CITY OF LA MARQUE.

DINH V. HO, P.E., CITY ENGINEER

DATE

NOTE: CITY APPROVAL VALID FOR ONE YEAR AFTER DATE OF SIGNATURES

APPENDIX D

DESIGN MODIFICATION FORM

CITY OF LA MARQUE DESIGN CRITERIA MODIFICATION FORM

Modifications to standards identified in the Design Criteria Manual may be permitted by the City Engineer. The modification proposal must be submitted by a Professional Engineer licensed by the State of Texas and shall follow generally accepted engineering standards for traffic, sidewalk and other infrastructure applicable, and such proposal contains the following information and substantiates the findings. If an appeal to the City Engineer decision is requested, the City Council (hereinafter referred to as "the City") will review that appeal.

PROJECT NAME: _____

This entire form must be completed in its entirety. If form is submitted incomplete, it will be administratively rejected.

PROJECT ENGINEER: _____

SUBMITTAL DATE: _____

SUBDIVISION NAME: _____

**MODIFICATION
LOCATION:**

1. Set forth the proposed deviation to the technical standard.

SPECIFIC PROPOSED DEVIATION FROM TECHNICAL STANDARD:

2. Set forth the impact such deviation has on speed differential and street capacity, the likelihood of accidents, the long term maintenance and operation effect, the degree of functionality and efficiency, the technological advancements involved, and other relevant matters.

IMPACT OF DEVIATION:

3. Show a comparison of the technical standard to the proposed deviation with respect to overall safety and quality, speed differential, street capacity, existing and projected accidents, long-term maintenance and operation, degree of functionality, degree of efficiency, technological advancements, and other relevant matters.

COMPARISON OF TECHNICAL STANDARD TO PROPOSED DEVIATION:

-
4. Describe all mitigating improvements that reduce the negative impact of the proposed deviation on overall safety and quality, speed differential, street capacity, accident occurrences, long-term maintenance and operation, degree of functionality, degree of efficiency and demonstrating the degree to which the proposed deviation detrimentally affects the foregoing. Other relevant factors, including technological advances, should be explained by describing how they will affect the proposed development. Mitigating improvements can include but are not limited to, traffic control devices, pavement improvements, added acceleration or deceleration lanes or reservoirs, and other on-site improvements.

MITIGATING IMPROVEMENTS THAT REDUCE NEGATIVE IMPACT:

SUMMARY & CONCLUSION/RECOMMENDATION FOR MODIFICATION:

List of Supporting Documentation Attached?

Yes____

No____

Seal of Professional Engineer:



City Use ONLY

Reviewed By:

Date

Modification Request Approved / Denied By:
Copies of Backup Information/Notes Attached

City Engineer

Date



CITY COUNCIL AGENDA FORM

Meeting Date: January 14, 2019

Agenda item: 8c

Prepared by: Robin Eldridge

Reviewed by: Charlene Warren

Department: Mayor & City Council

AGENDA ITEM DESCRIPTION: Discussion/possible action regarding adopting Ordinance **No. O-2018-0019**, establishing procedures and criteria for appointing members to the Boards and Commissions. **THIS IS THE SECOND AND FINAL READING**

☒

ATTACHMENTS FOR REFERENCE

1. Ordinance

STAFF BRIEFING:

- Resolution No. 1032 was adopted in 2006, to help Council establish criteria for appointing members to Boards and Commissions
- Each individual Board and Commission has an ordinance that created each particular Board/Commission
- City Attorney has made necessary changes to the draft Ordinance that was brought before City Council on November 12, 2018
- First reading with changes went before City Council on December 10, 2018, which Council passed, with a few more changes

HISTORY:

- Historically, appointments were made in accordance with Resolution No. 1032.
- Discussions led to the drafting of an ordinance that would establish more clearly defined guidelines
- Changes have been made to the first draft ordinance
- City Attorney has reviewed and made the changes as Council proposed

TARGET IMPLEMENTATION: As soon as a final Ordinance is adopted, and according to the City Charter

SIGNIFICANT ACTION DATES:

6.4.2018 - Proposed changes to the appointment process were briefly discussed at the Council Retreat

9.10.2018 - City Attorney was asked to draw up an ordinance with the Council's input from the Workshop

11.12.2018 - City Council discussed a proposed Ordinance and asked or the City Attorney to make a few changes then bring it back at the next City Council meeting

12.10.2018 - City Council passed the ordinance on the first reading, with a few more changes



CITY COUNCIL AGENDA FORM

ACTION

- | | |
|--|---|
| ☒ Ordinance | ☐ Resolution |
| ☐ Special Presentation | ☐ Proclamation |
| ☐ Finance Report | ☐ Public Hearing |
| ☐ Other- | |
| ☒ Mark if this item does not conflict with any Resolution, Ordinance or City Charter, policies, procedures | |

Cost Details:	
Budgeted	N/A
Actual Bid	N/A
Estimated Expenditure	N/A
Acct. Name(s)	N/A
Line Item#	N/A
Other Funding	N/A

STAFF'S RECOMMENDATION: Motion to adopt Ordinance **No. O-2018-0019**, establishing procedures and criteria for appointing members to the Boards and Commissions. **THIS IS THE SECOND AND FINAL READING**

FISCAL IMPACT: N/A

ORDINANCE NO. O-2018-0019

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF LA MARQUE, TEXAS, AMENDING ARTICLE I, GENERAL, OF THE CODE OF ORDINANCES, CITY OF LA MARQUE, TEXAS, BY ADDING A NEW SECTION 2.9 TO ESTABLISH PROCEDURES FOR THE APPOINTMENT OF MEMBERS TO VARIOUS STANDING BOARDS, COMMISSIONS, AND COMMITTEES OF THE CITY OF LA MARQUE; PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City Council of the City of La Marque has determined that an established procedure for the appointment of volunteers to the City's various standing Boards, Commission and Committees is necessary; and

WHEREAS, the City Council wishes to establish a system for the appointment of volunteers which will provide equal opportunity for each council member to nominate representatives to the various standing Boards, Commissions and Committees; and

WHEREAS, the City Council believes such a system will lend harmony to the appointment process and enhance the opportunity for citizens of the community to serve. NOW, THEREFORE

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF LA MARQUE, TEXAS:

That Article I, General, of the Code of Ordinances, City of La Marque, Texas, is hereby amended by adding a new section, to be numbered Sec. 2-9, entitled Establishing a Policy for Appointments to Boards Commissions and Committees, which section shall read as follows:

"Sec. 2-9. Establishing a Policy for Appointments to Boards, Commissions and Committees.

(a) Standing Boards, Commissions and Committees addressed by this policy shall be referred to as "Committees", in the interest of brevity. Those Committees addressed by this policy are:

Building Standards Commission (See Sec. 14.280)
Keep La Marque Beautiful Commission (See Sec. 35-45)
La Marque Economic Development Commission
Library Advisory Board (See Sec. 2.37)
Civil Service Commission (See Sec. 2.306)
La Marque Cemetery Board (See Sec. 2.312)
Parks Board (See Sec. 209)
Planning and Zoning Board (See Sec. 71.24)

Board of Adjustments (See Sec. 71.25)

(b) Initial Assignments of Positions and Changes.

(1) Each member position on each of the itemized Committees are hereby assigned to a Council District or the Mayor as indicated on "Attachment A" which is attached hereto and made a part hereof by reference. The "City Council" as used herein shall also include the position of Mayor.

(2) The City Council may amend the District assignments at any time by simple motion and approval at any called City Council Meeting where the subject is posted as a part of the Agenda according to law. District assignments and future changes to those assignments shall be maintained by and kept in the Office of the City Clerk.

(c) Nominations and Appointments.

(1) Notice: Ninety (90) days prior to the expiration of an appointed term, or immediately after being notified of a mid-term vacancy on any Committee, the City Clerk shall notify the Council Member whose District is assigned the position in question, that a vacancy will be or is open on that Committee. Included with that notice will be any candidates for nomination that the Committee itself may have recommended, any qualifications for the position that may be established by Charter or Ordinance, and the Meeting schedule of the relevant Committee. A copy of the Notice shall be provided to all members of the City Council at the same time.

(2) Nominations: A Council Member shall have sixty (60) days from receiving the City Clerk's notice of a vacancy or pending vacancy for a position assigned to that Council Member to provide the name of a nominee to the City Clerk to be presented to the full City Council for consideration of appointment at the next regular scheduled City Council Meeting following the sixty (60) days. The nominating Council Member shall provide, along with the name, the address, telephone numbers and qualifications of any nominee or nominees. If the Council Member assigned to a vacant Committee position, or a position scheduled to be vacant because of an expiring term of appointment, fails to provide the City Clerk the name and required information within the sixty (60) days following the date of the notice or, in the case of expiring terms, sixty (60) days prior to the term expires, nominations from any Council Member may be submitted for consideration before or during the meeting which appointments are to be considered.

(3) Appointments: The City Clerk shall place consideration of appointments

to fill vacancies or pending vacancies for the relevant Committees on the next regular City Council Meeting Agenda, following the thirty days of notice to Council Members. Appointments are made with a majority vote of Council attending a meeting.

(4) Committee Chair Responsibilities: It shall be the responsibility of the Chair Person of each Committee to guide the Committee to enforce any attendance requirements for maintaining Committee membership, to notify the City Clerk of Any mid-term vacancies and to provide the City Clerk a record of attendance of the Committee Members.

(d) Residency Requirement.

All newly appointed Committee Members must be a resident of the City of La Marque at the time of appointment. Current non-resident members may serve out their term and be reappointed to the same board for one additional term provided the member is in good standing with the City. A non-resident may be appointed to serve a one (1) year term as an ex-officio non-voting member with unanimous approval of Council.

(e) Term Limits.

All newly appointed Committee Members, except a member of the Economic Development Board, may serve only three consecutive two-year terms. Newly appointed Economic Development Board members re limited to two consecutive six-year terms. Current members may serve out their terms.

(f) Absences.

Any Committee Member cannot miss three consecutive meetings without stating a reason in advance of the meeting. The Committee Members present must approve the reason for it to be legitimate. Three unexcused consecutive absences shall automatically remove the member. Four unexcused absences within a twelve-month period shall cause automatic removal of the Member, subject to appeal to City Council.

(g) Committee Membership Limits.

A person can serve on only one Committee at a time but may also serve as an alternate member of another committee. Current members serving on multiple boards will be allowed to complete current terms for each board served. For appointments to preferred board, members must declare to City which multiple boards will be dropped upon completion of term."

This Ordinance shall become effective upon final passage.

PASSED AND APPROVED by City Council of the City of La Marque on first reading this the 10th day of December 2018.

PASSED, APPROVED AND ADOPTED by City Council of the City of La Marque on second and final reading on the _____ day of _____, 20 ____.

CITY OF LA MARQUE, TEXAS

Bobby Hocking, Mayor
City of La Marque, Texas

ATTEST:

Robin Eldridge, TRMC
City Clerk

APPROVED AS TO FORM:

Ellis J. Ortego, City Attorney

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CITY COUNCIL AGENDA FORM

Meeting Date: January 14, 2019

Prepared by: Suzy Kou

Department: Finance

Agenda item: 9a

Reviewed by: Charlene Warren

AGENDA ITEM DESCRIPTION: Discussion/possible action regarding adopting Resolution No. **R-2019-002**, approving the dissolution of Public Improvement District No. 3 (Park Meadows) being located within the corporate limits of the City of La Marque.

☒

ATTACHMENTS FOR REFERENCE

1. Resolution to dissolve PID 3
2. PID 3 agreement

STAFF BRIEFING:

- PID 3 was created in 2006.
- It has not been active for numerous years.
- The development agreement is no longer in force.
- In order to create a new PID, we need to dissolve old PID.
- New landowners submitted a petition requesting dissolution of the old PID 3.

HISTORY:

2006 - PID 3 created for Park Meadows

TARGET IMPLEMENTATION: January 14, 2019

SIGNIFICANT ACTION DATES:

January 14, 2019 - Public Hearing

ACTION:

- | | |
|--|--|
| ☐ Ordinance | ☒ Resolution |
| ☐ Special Presentation | ☐ Proclamation |
| ☐ Finance Report | ☐ Public Hearing |
| ☐ Other | |
| ☒ Mark if this item does not conflict with any Resolution, Ordinance or City Charter, policies, procedures | |

Cost Details:

Budgeted	N/A
Actual Bid	N/A
Estimated Expenditure	N/A
Acct. Name(s)	N/A
Line Items #	N/A

STAFF'S RECOMMENDATION: Motion to adopt Resolution No. **R-2019-002**, approving the dissolution of Public Improvement District No. 3 (Park Meadows) being located within the corporate limits of the City of La Marque

FISCAL IMPACT: N/A

RESOLUTION NO. R-2019-002

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LA MARQUE, TEXAS, AUTHORIZING THE DISSOLUTION OF THE LA MARQUE PUBLIC IMPROVEMENT DISTRICT No. 3 (PARK MEADOWS); PROVIDING FOR RELATED MATTERS; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City of La Marque, Texas (the "City"), is authorized under Chapter 372 of the Texas Local Government Code, as amended (the "Act"), to create a public improvement district within the corporate limits of the City; and

WHEREAS, on April 24, 2006, upon receipt of a petition received by the City from owners of more than 50% of the appraised value of the taxable real property liable for assessment and the record owners of more than 50% of the area of all taxable real property within a proposed public improvement district that was liable for assessment (collectively the "Owners"), the City created the La Marque Public Improvement District No. 3 (Park Meadows) pursuant to Resolution No. 1035 (the "District"). A description of the District is attached hereto as Exhibit "A"; and

WHEREAS, on December 3, 2018, pursuant to Section 372.011 of the Act, the City Council received a petition (the "Dissolution Petition") from the owners of more than 50% of the appraised value of the taxable real property liable for assessment and the record owners of more than 50% of the area of all taxable real property within the District that is liable for assessment requesting the dissolution of the District; and

WHEREAS, on December 10, 2018, the City accepted the Dissolution Petition and called a public hearing for January 14, 2019, on the dissolution of the District; and

WHEREAS, notice of the hearing was published in a newspaper of general circulation in the City on December 20, 2018; and

WHEREAS, on December 20, 2018, notice to the owners of property within the District was sent by first-class mail to the owners of 100% of the property subject to assessment in the District containing the information required by Act such that such owners had actual knowledge of the public hearing to be held on January 14, 2019; and

WHEREAS, the District has issued no debt and has no outstanding obligations; and

WHEREAS, the City Council opened and conducted such public hearing on the dissolution of the District, and closed such hearing on January 14, 2019.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF LA MARQUE, TEXAS:

SECTION 1. That the findings set forth in the recitals of this Resolution are found to be true and correct.

SECTION 2. That the Dissolution Petition submitted to the City by the Owners was filed with the City Secretary and complies with the Act.

SECTION 3. That pursuant to the requirements of the Act, the City Council, after considering the Dissolution Petition and the evidence and testimony presented at the public hearing on April 16, 2018, hereby finds and declares the District dissolved.

SECTION 4. That notice of this Resolution dissolving the District shall be given by publishing such notice once in a newspaper of general circulation in the City. Effective upon the publication of such notice, the District shall be dissolved.

SECTION 5. That Resolution No. 1035 is hereby repealed in its entirety as of the date of this Resolution. If any other resolutions or portions thereof of the City contain provisions in conflict with this Resolution, the portions in conflict are hereby repealed and the portions not in conflict herewith shall remain in full force and effect.

SECTION 6. That this Resolution shall take effect immediately from and after its passage and publication as required by law.

[Signature page follows]

NOW, THEREFORE BE IT RESOLVED by the City Council of the City of La Marque, Texas, on the _____ day of _____ 2019.

Bobby Hocking
Mayor

ATTEST:

APPROVED AS TO FORM:

Robin Eldridge, TRMC
City Secretary

Ellis Ortego
City Attorney

PUBLIC IMPROVEMENT DISTRICT
DEVELOPMENT AND FINANCING AGREEMENT

This Public Improvement District Development and Financing Agreement ("Agreement") is made by and among the CITY OF LA MARQUE, TEXAS ("City"), a municipal corporation and home-rule city of the State of Texas, acting by and through its governing body, the City Council; and the Board of Directors of the La Marque Economic Development Corporation; which Board is acting as administrator and manager of a Public Improvement District created by the City known as CITY OF LA MARQUE PUBLIC IMPROVEMENT DISTRICT NUMBER THREE (Park Meadows) ("District"), and DELANEY 1765 REALTY, L.P., a Texas limited partnership acting through its General Partner, Lindsey & Moore Investments, L.L.C. (the "Developer").

RECITALS

Pursuant to Chapter 372 of the Texas Local Government Code, as amended (the "Act"), the City Council of the City created City of La Marque Public Improvement District Number Three (the "District") by Resolution No. 1036.

The Council has adopted or will adopt a service and assessment plan (the "Plan") which provides for the construction and financing of certain improvements within the District pursuant to the Plan, payable from assessments levied against property within the District as more specifically provided for in the Plan.

The City and the Board have determined that it is in the best interest of the District and the City to contract with the Developer to initially fund on behalf of the City the planning for and the construction of the Project, which will result in the efficient and effective implementation of the Plan.

AGREEMENT

For and in consideration of the mutual promises, covenants, obligations, and benefits of this Agreement, the City and the Developer contract and agree as follows:

ARTICLE 1.
GENERAL TERMS

1.1 Definitions. The term "Act," "Agreement," "City" "Developer," and "District," have the above stated meanings, and the following terms have the following meanings:

"Assessments" means the special assessments levied by the City Council on property in the District pursuant to the Plan.

“Board” means the Board of Directors of the La Marque Economic Development Corporation, acting as administrator and manager of the District.

“Business Day” means a day other than a Saturday, Sunday or legal holiday in the State of Texas or the City.

“City Manager” means the City Manager of the City or his or her designee.

“City Attorney” means the City Attorney of the City or his or her designee.

“City Council” means the City Council of the City.

“City Staff” means those employees and officers of the City designated by the City Manager to administer this Agreement.

“Developer” means Delaney 1765 Realty, L.P., or the authorized representative of Delaney 1765 Realty, L.P.

“Director of Finance” means the Director of Finance of the City or his or her designee.

“District” means City of La Marque Public Improvement District No. Three.

“Person” means any individual, corporation, partnership, joint venture, joint stock company, trust, unincorporated organization, government or any agency or political subdivision thereof, or any other form of entity.

“Plan” means the District Service and Assessment Plan, adopted by the Board and approved by the City Council as it may be amended from time to time, provided, however, such Plan shall not include any amendments to the Plan unless this Agreement is specifically amended in accordance with Section 8.5 of this Agreement

“Project” means one or more public improvements included in the Plan, as approved by the City.

“Project Costs” means any of the acquisition, design, construction, assembly, installation, implementation and financing costs of one or more of the projects and activities included in the Plan for the District approved by the City, with associated costs, including but not limited to, the fees and expenses of Project Managers, engineers, lawyers and other consultants related to the Project and the administrative and operating costs of the District.

“Project Manager” means Lindsey & Moore Investments, L.L.C., the agent of the Developer for carrying out the responsibilities enumerated in Article 6 hereof and other responsibilities delegated by the Developer or such other agent as the Developer shall designate from time to time.

“Public Improvement District Fund” means the separate fund in the City Treasury established by the City under that name.

1.2 Singular and Plural. Words used herein in the singular, where the context so permits, also include the plural and vice versa. The definitions of words in the singular herein also apply to such words when used in the plural where the context so permits and vice versa.

ARTICLE 2. POWERS AND DUTIES

2.1 Delegation of Powers. The City hereby delegates to the Board the power (1) to contract with the Developer to implement the Project, (ii) to approve plans and specifications, to advertise for contracts, (iii) to award and approve contracts and change orders in accordance with this Agreement, and (iv) to approve all pay estimates. The City also authorizes the use of its staff pursuant to the direction of the Board (except where such direction may conflict with the City charter, directives of the City Council or policies of the City) to implement the Plan.

ARTICLE 3. DUTIES OF THE BOARD

3.1 Efforts Required. The Board will use reasonable efforts to implement the Plan, causing each part of the Project to be acquired and installed in accordance with this Agreement.

3.2 Dedication of Property. The Board will require the Developer to dedicate to the City or the public all right-of-way and sites needed to construct and operate the Project, subject to the approval of the City Engineer, provided the City continues to accept and operate and maintain such facilities.

3.3 Plans and Specifications Approval. Following approval by City Staff, the Board will review plans and specifications for all construction proposed by the Developer and will either approve such within sixty (60) days of the date of submission or will indicate in writing any deficiencies found in such plans or specifications within such period within sixty (60) days of submission to the City and the Board. The Board shall note and reject plans and specifications with deficiencies including (1) plans for a project which are not included in the Plan or (2) plans not designed in accordance with applicable City or other applicable regulations or sound professional practices. The Developer shall correct any deficiencies identified by the Board, which plans and specifications shall either be approved or noted for deficiencies within an additional sixty (60) day period. Such process shall be repeated until the plans and specifications are acceptable to the Board. If the Board fails to act on a set of plans and specifications within sixty (60) days, such plans and specifications shall be deemed to be approved by the Board. Submittal is deemed to occur when the City representative and the Board representative, if different, receive plans and specifications for a

particular portion of the Project. The City and Board shall designate an employee to receive copies of such plans and specifications.

3.4 Construction Contract Award. The Developer on behalf of the Board will advertise for and award contracts in the Developer's name in accordance with applicable statutory, city charter, city ordinances and department policies of the City. The Board will require the Developer to cause construction to be inspected by an engineer or other professional approved by the Board and will require the Developer to require the engineer or other professional to issue a completion certificate in the form normally utilized by the engineer or other professional performing the inspection. The Developer shall cause any contractor to correct construction deficiencies brought to its attention by the engineers or other professionals.

3.5 Evidence of Title. The Board agrees to execute such additional evidence of transfer of title to the Project as may be required by the City and also, if requested by the City prior to the execution of a contract with the Developer or any contractor for construction of any part of the Project, to require any such parties to execute any such additional evidence of ownership as may reasonably be requested by the City.

3.6 Ownership of Property. All portions of the Project will become property of the City as constructed and installed, free and clear of any lien in favor of the Developer or any contractor. Prior to acceptance of ownership by the City, the Developer will maintain insurance in a form and coverage reasonably acceptable to City for all personal property incorporated into the Project.

3.7 Administrative Fees. The Board agrees to incur only reasonable and necessary fees and expenses for administration of the District, not to exceed \$12,000 per year to cover both the Board and the City's costs.

ARTICLE 4. DUTIES AND RESPONSIBILITIES OF THE DEVELOPER

4.1 Selection and Retention of Consultants, Design of the Project. The Developer shall select and retain the engineers, architects, landscape architects, attorneys and land planners for the Project. The Developer shall cause to be prepared all plans and specifications and all investigative work and materials acquisition for the Project. The Developer shall review such plans and specifications and then shall submit them to the Board for approval as herein provided and to the City Engineer for approval as herein provided. The Developer may elect to construct the Project in stages, as determined by the Developer. In the event the Developer does not commence construction of the Project within two years of the date of this Agreement, this Agreement shall terminate.

4.2 Payments to Contractors, Vendors, and Consultants. The Developer hereby agrees to promptly pay for all costs of the Project specified in the Plan as they become due and payable, provided, however, that the Developer shall not be obligated to advance funds pursuant to this Section for any Project that is not being financed pursuant to this Agreement or for any contract or expense not approved in writing in advance by the Developer.

4.3 Award of Construction Contract. The Developer shall be responsible for the review for all contract and bid documents related to the Project. Prior to authorizing the advertisement for bids, the Developer shall submit all contract and bid documents to the City staff in accordance this Agreement. Upon authorization of the Board and the City staff, the Developer shall advertise for, review and tabulate bids. The Developer shall competitively bid all contracts in compliance with all policies of the City, as they may be in effect from time to time, or as may be reasonably deemed necessary and applicable by the City Manager. A Project may be bid in separate contracts. The Developer shall award the bid to the lowest responsible bidder.

4.4 Change Orders. The Developer shall be responsible for the review of all change orders related to the Project and will make appropriate recommendations to the Board. All change orders shall be presented to the City Staff in accordance with this Agreement prior to approval by the Board.

4.5 Approval of the Board. The Developer shall, in accordance with the City Charter, city ordinances and state law, submit all designs, plans, specifications, construction contracts, bid documents and change orders to the Board for approval, conditional approval, or disapproval. The Developer shall simultaneously send a copy of all such submissions to the Director of Finance. The Board will use reasonable efforts to provide written approval, conditional approval or disapproval to the Developer of all designs, plans and specifications within sixty (60) Business Days from receipt of such documents. The Board shall provide to the Developer written approval, conditional approval, or disapproval of all construction contracts, bid documents and change orders within thirty (30) Business Days from receipt of such documents. Any conditional approval or disapproval by the Board shall be accompanied by a written statement of the reasons for such conditional approval or disapproval, and the Developer shall be entitled to resubmit the documents for approval pursuant to this Section. If the Board fails to act on a submittal within sixty (60) Business Days or thirty (30) Business Days, as applicable, such submittal shall be deemed to be approved.

4.6 Reimbursement of Expenditures. The Developer will be paid out of the Public Improvement District Fund (which will contain revenues paid pursuant to Assessments) for the advances the Developer makes for the costs of the Projects pursuant to Section 4.2 of this Agreement plus interest as provided herein. The Developer reserves the right to make expenditures for projects not included in the Plan or not approved in accordance with this Agreement; provided, however, that such expenditures shall not be repaid unless the City specifically agrees to do so.

ARTICLE 5.
OBLIGATIONS OF THE CITY

5.1 Public Improvement District Fund. The City hereby covenants and agrees that it will establish and maintain a Public Improvement District Fund for the District as a separate fund in the City's Treasury. The City agrees to deposit all Assessments into the Public Improvement District Fund for this District during the term of this Agreement; which amounts shall be used to pay the Developer as provided herein. The City shall establish sub-accounts for Assessments arising from each assessment roll. The City shall not commingle assessment revenues for this District with those of any other District.

5.2 Payments to the Developer. The City acknowledges that the Developer will pay Project Costs as such costs are incurred and payable. Upon acceptance by the City of the improvements constructed by the Developer, the City agrees to reimburse the Developer the Project costs plus interest solely from funds received from Assessments, all in accordance with the terms hereof. Payments due hereunder shall be made to the Developer as promptly as possible, but no less frequently than annually. The cost to the City to acquire such improvements from the Developer shall be the sum of all Project Costs payable to the Developer under the terms and conditions of this Agreement plus interest as provided herein.

5.3 Interest Rate. The outstanding amounts due the Developer pursuant to this Agreement shall bear interest at the rate of 6.25% per annum compounded annually. Interest shall accrue from the date of each payment made by the Developer, provided however, that interest shall cease to accrue five years from the date of the certificate of completion for each portion of the Project constructed.

5.4 Special Obligations. Any payment to be made under this Agreement is a special obligation of the City payable solely from the Public Improvement District Fund as and to the extent provided in this Agreement. This Agreement does not give rise to a charge against the general credit or taxing powers of the City or any other taxing unit and is not payable except as provided in this Agreement. The Developer and its successors and assigns shall never have the right to demand payment thereof out of any funds of the City other than the Public Improvement District Fund.

5.5 Assessments. The City agrees to levy Assessments on property in the District in accordance with the Plan, as the same may be amended from time to time. It is contemplated that Assessments will be levied on portions of the District as each such portion is developed with improvements.

5.6 Collection of Assessments. The City covenants and agrees that it will, as authorized under the Act and other applicable laws, continuously collect Assessments levied pursuant to the Plan during the term of this Agreement in the manner and to the maximum extent permitted by applicable law. To the extent the City may legally do so and subject to the rights of third parties, over which the City has no control, the City covenants and agrees that it will not permit a reduction,

abatement, or exemption in the Assessments due on property in the District until the Developer has been paid in full. The City will use good and sound practices to collect the Assessments consistent with the City's policies and standard practices applicable to the collection of City taxes and assessments. The first installment of an assessment against a particular piece of property shall be due on the first day of the calendar year following the earlier of: (i) the date such property has been improved with a habitable structure as evidenced by the issuance of a certificate of occupancy or such other indication of substantial completion as may be established by the District, or (ii) the third anniversary of the date such assessment was levied. Thereafter, subsequent installments shall be due on the thirty-first day of each January of each succeeding calendar year until the assessment together with interest as provided has been paid in full. The owner of the assessed property may pay at any time the entire assessment then due on each property, with accrued interest on the assessment through the date of payment.

5.7 Acceptance and Maintenance of Property and Facilities. The City agrees to accept title to, to maintain, operate and repair the Projects in the Plan when they are completed and conveyed to the City, provided however, that the Developer shall cause the parks to be mowed and cleaned and the landscaping therein to be maintained at no cost to the City. Property or Projects conveyed to the City by the Developer shall carry a contractor's 1 year warranty to the City. Any warranty received by the Developer from any of his contractors on the dedicated property or facilities shall be transferable to the City upon acceptance. The City further agrees to maintain in good repair and working order all facilities constructed as part of this Project after acceptance of such facilities.

ARTICLE 6. PROJECT MANAGER

6.1 General Powers. The Developer or the Developer's authorized agent shall act as Project Manager and shall act as an agent of the District and shall be responsible for the supervision and inspection of the acquisition, design, construction, assembly, installation and implementation of the Project or phases thereof, as designated by the Board in accordance with Section 3.3 of this Agreement, and in accordance with this Agreement and the Plan. The grant of specific powers, duties and responsibilities to a Project Manager pursuant to this Agreement shall not be construed to limit the general powers granted by this Section to the Developer to hire and utilize Project Managers.

6.2 Designation. The Developer may change its designation of a Project Manager for the Project or any phase thereof at any time upon written notification to the Board and the City and subject to the approval of the City Engineer, whose approval shall not be unreasonably withheld.

ARTICLE 7.
INSURANCE AND INDEMNITY

7.1 Insurance and Indemnity. The Board shall require all contractors to provide such indemnities to the Board and the City and to secure and maintain insurance as would be required for similar City contracts, pursuant to applicable City ordinances or policies.

ARTICLE 8.
MISCELLANEOUS

8.1 Personal Liability of Public Officials. To the extent permitted by State law, no public official shall be personally responsible for any liability arising under or growing out of the Agreement.

8.2 Liability of the Developer, its Successors and Assigns Any obligation or liability of the Developer, whatsoever, which may arise at anytime under this Agreement or any obligation or liability which may be incurred by the Developer, pursuant to any other instrument, transaction or undertaking contemplated hereby shall be satisfied, if at all, out of the assets of the Developer only. No obligation or liability shall be personally binding upon, nor shall resort for the enforcement thereof be had to, the property of any partners, officers, employees, shareholders or agents of the Developer, regardless of whether such obligation or liability is in the nature of contract, tort or otherwise except in instance of fraud, misappropriation of funds or other criminal activity.

8.3 Default.

(a) A party shall be deemed in default under this Agreement (which shall be deemed a breach hereunder) if such party fails to materially perform, observe or comply with any of its covenants, agreements or obligations hereunder or breaches or violates any of its representations contained in this Agreement.

(b) Before any failure of any party to perform its obligations under this Agreement shall be deemed to be a breach of this Agreement, the party claiming such failure shall notify, in writing, the party alleged to have failed to perform of the alleged failure and shall demand performance. No breach of this Agreement may be found to have occurred if performance has commenced to the reasonable satisfaction of the complaining party within 30 days of the receipt of such notice (5 days in the case of a monetary default), subject, however, in the case of a non-monetary default, to the terms and provisions of Section 8.3(c). Upon a breach of this Agreement, the non-defaulting party in any court of competent jurisdiction, by an action or proceeding at law or in equity, may secure the specific performance of the covenants and agreements herein contained. Except as otherwise set forth herein, no action taken by a party pursuant to the provisions of this Section or pursuant to the provisions of any other Section of this Agreement shall be deemed to constitute an election of remedies and all remedies set forth in this Agreement shall be cumulative and

non-exclusive of any other remedy either set forth herein or available to any Party at law or in equity. Each of the Parties shall have the affirmative obligation to mitigate its damages in the event of a default by the other Party. Notwithstanding anything contained herein to the contrary, the Developer shall not be required to construct any portion of the Project or advance any funds therefore while the City or the Board is in default under this Agreement. Likewise, the City or Board shall not be required to reimburse the Developer for the cost of constructing public improvements or any other cost incurred in respect to those costs included in approved Public Improvement District costs while the Developer is in default under this Agreement.

(c) Notwithstanding anything in this Agreement which is or may appear to be to the contrary, if the performance of any covenant or obligation to be performed hereunder by any party is delayed as a result of circumstances which are beyond the reasonable control of such party (which circumstances may include, without limitation, pending or threatened litigation, acts of God, war, acts of civil disobedience, fire or other casualty, shortage of materials, adverse weather conditions such as, by way of illustration and not limitation, severe rain storms or tornadoes, labor action, strikes, changes in the law affecting the obligations of the parties hereunder, or similar acts), the time for such performance shall be extended by the amount of time of such delay. The Party claiming delay of performance as a result of any of the foregoing "force majeure" events shall deliver written notice of the commencement of any such delay resulting from such force majeure event not later than seven days after the claiming party becomes aware of the same, and if the claiming party fails to so notify the other party of the occurrence of a "force majeure" event causing such delay, the claiming party shall not be entitled to avail itself of the provisions for the extension of performance contained in this Section.

(d) In addition to any other right or remedy available to Developer pursuant to this Agreement, in the event of a material breach by the City under this Agreement which continues for 30 days after written notice to the City thereof and the City's failure to cure or diligently proceed to cure such breach to Developer's reasonable satisfaction, Developer shall have the right (but not the obligation), in its sole discretion, to exercise its rights hereunder, with regard to mandamus, specific performance or mandatory permanent injunction to require the City to do so. In addition to any other right or remedy available to the City pursuant to this Agreement, in the event of a material breach by the Developer under this Agreement which continues for 30 days after written notice to the Developer thereof and the Developer's failure to cure or diligently proceed to cure such breach to the City's reasonable satisfaction, the City shall have the right (but not the obligation), in its sole discretion, to exercise its rights hereunder, with regard to mandamus, specific performance or mandatory permanent injunction to require the Developer to do so.

8.4 Notices. Any notice sent under this Agreement (except as otherwise expressly required) shall be written and mailed, or sent by rapid transmission confirmed by mailing written

confirmation at substantially the same time as such rapid transmission, or personally delivered to an officer of the receiving party at the following addresses:

City of La Marque
Executive Director of Economic Development
City of La Marque
City Hall
1111 Bayou
La Marque, Texas 77568
RE: PUBLIC IMPROVEMENT DISTRICT NUMBER THREE

Delaney 1765 Realty, L.P.
c/o Lindsey & Moore Investments, L.L.C
9039 Katy Freeway, Suite 340
Houston, Texas 77024

With a copy to:
Mr. Harvin Moore
1234 Almond Grove
Houston, Texas 77077

Each party may change its address by written notice in accordance with this Section. Any communication addressed and mailed in accordance with this Section shall be deemed to be given when so mailed, any notice so sent by rapid transmission shall be deemed to be given when receipt of such transmission is acknowledged, and any communication so delivered in person shall be deemed to be given when receipted for by, or actually received by, an authorized officer of the City, Board or Developer, as the case may be.

8.5 Amendments and Waivers. Any provision of this Agreement may be amended or waived if such amendment or waiver is in writing and is signed by the City, the Board and the Developer. No course of dealing on the part of the City, the Board or the Developer nor any failure or delay by the City, the Board or the Developer with respect to exercising any right, power or privilege pursuant to the Agreement shall operate as a waiver thereof, except as otherwise provided in this Section.

8.6 Invalidity. In the event that any of the provisions contained in this Agreement shall be held unenforceable in any respect, such unenforceability shall not affect any other provisions of this Agreement.

8.7 Successors and Assigns. No party to this Agreement shall have the right to assign its rights under this Agreement or any interest herein, without the prior written consent of the other parties, except that (1) the Developer may assign the right to receive payments from the Public Improvement District Fund without consent of any party, and (2) the Developer may assign its rights

and responsibilities hereunder to any entity which acquires all or part of the Developer's assets subject to commercially reasonable approval by the City, which approval cannot be unreasonably withheld if the transferee has the financial ability to perform. The City is allowed forty-five (45) days from the date it is notified in writing by the Developer of a proposed transfer of all Developer's rights and responsibilities (accompanied with sufficient materials to allow the City a basis for consenting to the proposed transfer) to consent thereto or to reasonably determine that such proposed transferee does not then have or cannot acquire in the reasonably near future, the financial ability to perform the obligations of the Developer under Article 4 of this Agreement.

8.8 Exhibits, Titles of Articles, Sections and Subsections. Any exhibits attached to this Agreement are incorporated herein and shall be considered a part of this Agreement for the purposes stated herein, except that in the event of any conflict between any of the provisions of such exhibits and the provisions of this Agreement, the provisions of this Agreement shall prevail. All titles or headings are only for the convenience of the parties and shall not be construed to have any effect or meaning as to the agreement between the parties hereto. Any reference herein to a Section or Subsection shall be considered a reference to such Section or Subsection of this Agreement unless otherwise stated. Any reference herein to an exhibit shall be considered a reference to the applicable exhibit attached hereto unless otherwise stated.

8.9 Applicable Law. This Agreement is a contract made under and shall be construed in accordance with and governed by the laws of the United States of America and the State of Texas, as such laws are now in effect.

8.10 Entire Agreement. THIS WRITTEN AGREEMENT REPRESENTS THE FINAL AGREEMENT BETWEEN THE PARTIES AND MAY NOT BE CONTRADICTED BY EVIDENCE OF PRIOR, CONTEMPORANEOUS, OR SUBSEQUENT ORAL AGREEMENTS OF THE PARTIES. THERE ARE NO UNWRITTEN ORAL AGREEMENTS BETWEEN THE PARTIES REGARDING THE DISTRICT.

8.11 Term. This Agreement shall terminate on the earlier of December 31, 2034, or the date on which the City discharges its obligations hereunder and dissolves the District, provided that the City's obligation to pay Developer for advances made prior to the termination of this Agreement or dissolution of the District shall survive such termination and/or dissolution.

8.12 Approval by the Parties. Whenever this Agreement requires or permits approval or consent to be hereafter given by any of the parties, the parties agree that such approval or consent shall not be unreasonably withheld or delayed.

ARTICLE 9. TAX COVENANTS

9.1 General. The Developer intends that the interest on the outstanding amounts due to the Developer pursuant to this Agreement shall be excludable from gross income for federal income tax purposes pursuant to sections 103 and 141 through 150 of the Internal Revenue Code of 1986, as amended (the "Code"), and the applicable Income Tax Regulations (the "Regulations"). The City will agree to file a Form 8038g or such other forms as dictated by the Internal Revenue Service and federal law. The City covenants and agrees not to take any action, or knowingly omit to take any action within its control, that if taken or omitted, respectively, would cause the interest on the outstanding amounts due to the Developer pursuant to this Agreement to be includable in gross income, as defined in section 61 of the Code, for federal income tax purposes. In particular, the City covenants and agrees to comply with each requirement of this Article; provided, however, that the City shall not be required to comply with any particular requirement of this Article if the City has received an opinion of nationally recognized bond counsel ("Counsel's Opinion") that such noncompliance will not adversely affect the exclusion from gross income for federal income tax purposes of interest on the outstanding amounts due to the Developer pursuant to this Agreement or if the City has received a Counsel's Opinion to the effect that compliance with some other requirement set forth in this Article will satisfy the applicable requirements of the Code and the Regulations, in which case compliance with such other requirement specified in such Counsel's Opinion shall constitute compliance with the corresponding requirement specified in this Agreement.

9.2 No Private Use or Payment and No Private Loan Financing. At the Developer's request from time to time, the City shall certify, through an authorized officer, employee or agent that based upon all facts and estimates known or reasonably expected to be in existence on the date of such request, that the proceeds from the advances made by the Developer pursuant to the terms of this Agreement will not be used in a manner that would cause this Agreement to be a "private activity bond" within the meaning of section 141 of the Code and the Regulations promulgated thereunder. Moreover, the City covenants and agrees that it will make such use of such proceeds including interest or other investment income derived therefrom, regulate the use of property financed, directly or indirectly, with such proceeds, and take such other and further action as may be required so that this Agreement will not be a "private activity bond" within the meaning of section 141 of the Code and the Regulations promulgated thereunder.

9.3 No Federal Guarantee. The City covenants and agrees not to take any action, or knowingly omit to take any action within its control, that, if taken or omitted, respectively, would cause the outstanding amounts due to the Developer pursuant to this Agreement to be "federally guaranteed" within the meaning of section 149(b) of the Code and the applicable Regulations thereunder, except as permitted by section 149(b)(3) of the Code and such Regulations.

9.4 No Hedge Bond. The City covenants and agrees that it has not and will not take any action, and has not knowingly omitted and will not knowingly omit to take any action, within its control, that, if taken or omitted, respectively, would cause the outstanding amounts due to the

Developer pursuant to this Agreement to be a “hedge bond” within the meaning of section 149(g) of the Code and the applicable Regulations thereunder.

9.5 No Arbitrage. At the Developer’s request from time to time, the City shall certify, through an authorized officer, employee or agent that based upon all facts and estimates known or reasonably expected to be in existence on the date of such request, the City will reasonably expect that the proceeds of the advances made by the Developer pursuant to the terms of this Agreement will not be used in a manner that would cause this Agreement to be an “arbitrage bond” within the meaning of section 148(a) of the Code and the applicable Regulations promulgated thereunder. Moreover, the City covenants and agrees that it will make such use of the proceeds of the advances made by the Developer pursuant to the terms of this Agreement including interest or other investment income derived therefrom, regulate investments of such proceeds, and take such other and further action as may be required so that this Agreement will not be an “arbitrage bond” within the meaning of section 148(a) of the Code and the applicable Regulations promulgated thereunder.

9.6 Arbitrage Rebate. If the City does not qualify for an exception to the requirements of section 148(f) of the Code relating to the required rebate to the United States, the City will take all necessary steps to comply with the requirement that certain amounts earned by the City on the investment of the “gross proceeds” of the advances made by the Developer pursuant to the terms of this Agreement (within the meaning of section 148(f)(6)(B) of the Code), be rebated to the federal government. Specifically, the City will (i) maintain records regarding the investment of the gross proceeds of the advances made by the Developer pursuant to the terms of this Agreement as may be required to calculate the amount earned on the investment of the gross proceeds of such advances separately from records of amounts on deposit in the funds and accounts of the City allocable to other bond issues of the City or moneys which do not represent gross proceeds of any bonds of the City, (ii) calculate at such times as are required by applicable Regulations, the amount earned from the investment of the gross proceeds of the advances made by the Developer pursuant to the terms of this Agreement which is required to be rebated to the federal government, and (iii) pay, not less often than every fifth anniversary date of this Agreement or on such other dates as may be permitted under applicable Regulations, all amounts required to be rebated to the federal government. Further, the City will not indirectly pay any amount otherwise payable to the federal government pursuant to the foregoing requirements to any person other than the federal government by entering into any investment arrangement with respect to the gross proceeds of the advances made by the Developer pursuant to the terms of this Agreement that might result in a reduction in the amount required to be paid to the federal government because such arrangement results in a smaller profit or a larger loss than would have resulted if the arrangement had been at arm’s length and had the yield on the issue not been relevant to either party.

9.7 Information Reporting. The City covenants and agrees to file or cause to be filed with the Secretary of the Treasury, not later than the 15th day of the second calendar month after the close of the calendar quarter in which this Agreement is fully-executed, an information statement concerning this Agreement, all under and in accordance with section 149(e) of the Code and the applicable Regulations promulgated thereunder.

9.8 Continuing Obligation. Notwithstanding any other provision of this Agreement, the City's obligations under the covenants and provisions of this Article shall survive the payment of the outstanding amounts due to the Developer pursuant to this Agreement.

[Signature Page Follows]

IN WITNESS WHEREOF, the parties hereto have caused this instrument to be duly executed
as of the 25th day of September, 2006.

THE CITY OF LA MARQUE, TEXAS

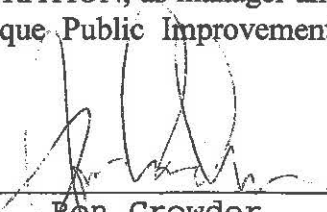


Mayor

ATTEST:

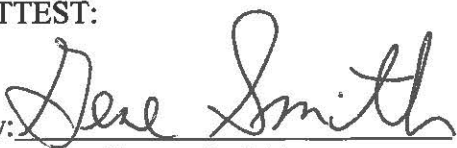
By: Charlette Bristow skw
Name: Charlette Bristow
Title: City Clerk

THE BOARD OF DIRECTORS, CITY OF LA
MARQUE ECONOMIC DEVELOPMENT
CORPORATION, as manager and administrator for
La Marque Public Improvement District Number
Three

By: 

Name: Ron Crowder
Title: President

ATTEST:

By: 

Name: Gene Smith
Title: Secretary

DELANEY 1765 REALTY, L.P.

By: Lindsey & Moore Investments, L.L.C.,
Its General Partner

By: 

Name: HARVIN C. MOORE
Title: Member/manager



CITY COUNCIL AGENDA FORM

Meeting Date: January 14, 2019

Prepared by: Charlene Warren

Department: Administration

Agenda item: 9b

Reviewed by: Charlene Warren

AGENDA ITEM DESCRIPTION: Discussion/possible action regarding a proposed Development Agreement between the City of La Marque, Texas and Woodhaven Lakes, Ltd. for Trails at Woodhaven Lakes subdivision, and provide direction to City Manager.

☒

ATTACHMENT FOR REFERENCE

1. Proposed development agreement

STAFF BRIEFING:

- On December 3, 2018, Woodhaven Lakes, Ltd. (developer) submitted to the City Clerk a petition requesting the establishment of a public improvement district to be known as Trails at Woodhaven Lakes.
- Special legal counsel has been working on behalf of the City with the developer to draft terms for a public improvement district development and financing agreement.
- These proposed terms are outlined in the draft agreement and are presented to Council for discussion and to direction to City Manager.

HISTORY: N/A

TARGET IMPLEMENTATION: Pending terms agreed upon by both parties.

SIGNIFICANT ACTION DATES: N/A

ACTION:

- | | |
|--|---|
| ☐ Ordinance | ☐ Resolution |
| ☐ Special Presentation | ☐ Proclamation |
| ☐ Finance Report | ☐ Public Hearing |
| ☒ Other - Proposed Agreement | |
| ☒ Mark if this item does not conflict with any Resolution, Ordinance or City Charter, policies, procedures | |

Cost Details:

Budgeted	
Actual Bid	
Estimated Expenditure	
Acct. Name(s)	
Line Item #	
Other Funding	

STAFF'S RECOMMENDATION: Dependent upon Council's discussion

FISCAL IMPACT: To be determined

**PROPOSED DEVELOPMENT AGREEMENT TO
BE PROVIDED AT THE DAIS ON THE
MEETING DATE**

Monday, January 14, 2018



CITY COUNCIL AGENDA FORM

Meeting Date: January 14, 2019

Prepared by: Suzy Kou

Department: Finance

Agenda item: 9c

Reviewed by: Charlene Warren

AGENDA ITEM DESCRIPTION: Discussion/possible action regarding adopting Resolution No. **R-2019-003**, authorizing and creating the Trails at Woodhaven Lakes Public Improvement District No. 4 within the corporate limits of the City of La Marque

☒

ATTACHMENTS FOR REFERENCE

1. Resolution with Exhibits A & B

STAFF BRIEFING:

- Proposal includes for City to issue a bond sale secured solely by the PID assessments.
- An appropriate amount will be retained from PID assessments to cover PID administrative costs by a competent third-party consultant (hired by the City), including but not limited to maintaining record of all the assessments.
- Developer and City will work to ensure that Galveston County Tax Office collects the annual PID assessments.
- Project size includes 75.62 acres of single family development and 6.40 acres of commercial development.
- There should not be any financial cost to the City.
- PID debt issuance amount will be counted against the total maximum bank qualified debt threshold of ten million per calendar year.
- City's total debts issued will be increased on the financial statements as well as total assessment revenues.
- City will be responsible for collection and enforcement of PID payments including delinquencies and foreclosure.
- City also will be responsible for required continued disclosure annually.

HISTORY: N/A

TARGET IMPLEMENTATION: January 14, 2019

SIGNIFICANT ACTION DATES:

January 14, 2019 - Public Hearing on PID creation



CITY COUNCIL AGENDA FORM

ACTION:

- | | |
|--|--|
| ☐ Ordinance | ☒ Resolution |
| ☐ Special Presentation | ☐ Proclamation |
| ☐ Finance Report | ☐ Public Hearing |
| ☐ Other | |
| ☒ Mark if this item does not conflict with any Resolution, Ordinance or City Charter, policies, procedures | |

Cost Details:

Budgeted	
Actual Bid	
Estimated Expenditure	
Acct. Name(s)	
Line Items #	
Other Funding	

STAFF'S RECOMMENDATION: Motion to adopt Resolution No. **R-2019-003**, authorizing and creating the Trails at Woodhaven Lakes Public Improvement District No. 4 within the corporate limits of the City of La Marque

FISCAL IMPACT: Additional administrative responsibilities; less bank qualified debts availability below the threshold during the issuance year.

RESOLUTION NO. R-2019-003

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LA MARQUE, TEXAS, AUTHORIZING AND CREATING THE TRAILS AT WOODHAVEN LAKES PUBLIC IMPROVEMENT DISTRICT NO. 4; PROVIDING FOR RELATED MATTERS; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City of La Marque, Texas (the "City"), is authorized under Chapter 372 of the Texas Local Government Code, as amended (the "Act"), to create a public improvement district within the corporate limits of the City; and

WHEREAS, on December 3, 2018, Woodhaven Lakes, Ltd., a Texas limited partnership (the "Petitioner") submitted and filed with the City Clerk of the City a petition (the "Petition") requesting the establishment of a public improvement district to be known as the Trails at Woodhaven Lakes Public Improvement District No. 4 (the "District") within the corporate limits of the City, such District to include the property depicted in Exhibit "A" and described by metes and bounds in Exhibit "B" (the "Property"), each attached hereto and incorporated herein for all purposes; and

WHEREAS, on December 10, 2018, the City Council of the City (the "City Council") received the Petition which was signed by the owners of more than 50% of the appraised value of the taxable real property liable for assessment and the record owners of more than 50% of the area of all taxable real property within the District that is liable for assessment, and as such, the Petition complies with the Act; and

WHEREAS, on December 10, 2018, the City Council accepted the Petition and called a public hearing for January 14, 2019, on the creation of the District and the advisability of the improvements; and

WHEREAS, notice of the hearing was published in a newspaper of general circulation in the City on December 20, 2018; and

WHEREAS, on December 20, 2018, notice to the owners of property within the proposed District was sent by first-class mail to the owners of 100% of the property subject to assessment under the proposed District containing the information required by the Act such that such owners had actual knowledge of the public hearing to be held on January 14, 2019; and

WHEREAS, the City Council opened and conducted such public hearing on the advisability of the improvements and the creation of the District, and closed such hearing on January 14, 2019.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF LA MARQUE, TEXAS:

SECTION 1. That the findings set forth in the recitals of this Resolution are found to be true and correct.

SECTION 2. That the Petition submitted to the City by the Petitioner was filed with the City Clerk and complies with the Act.

SECTION 3. That pursuant to the requirements of the Act, including, without limitation, Sections 372.006, 372.009(a) and 372.009(b), the City Council, after considering the Petition and the evidence and testimony presented at the public hearing on January 14, 2019, hereby finds and declares:

- (a) *Advisability of the Proposed Improvements.* It is advisable to create the District to provide the Authorized Improvements (as described below). The Authorized Improvements are feasible and desirable and will promote the interests of the City and will confer a special benefit on the Property.
- (b) *General Nature of the Authorized Improvements.* The purposes of the District include the design, acquisition, construction and improvement of public improvement projects (the “Authorized Improvements”) authorized by the Act that are necessary for the development of the property within the District, which include, (i) landscaping; (ii) acquiring, constructing, improving, widening, narrowing, closing, or rerouting of sidewalks or of streets, any other roadways, or their rights-of-way; (iii) acquisition, construction, or improvement of off-street parking facilities; (iv) acquisition, construction, and improvement of water, wastewater and drainage facilities; (v) the establishment or improvement of parks; (vi) projects similar to those listed in subsections (i)-(v) above that are authorized by the Act, including off-site projects that provide a benefit to the property within the PID; (vii) acquisition, by purchase or otherwise, of real property in connection with an authorized improvement; (viii) maintenance costs associated with the Authorized Improvements, (ix) payment of costs and expenses associated with developing and financing the public improvements listed in (i)-(v) above, including costs of establishing, administering and operating the PID and paying costs of issuance, reserve funds or credit enhancement of bonds or other obligations issued to finance the Improvements. The Authorized Improvements promote the interests of the City and confer a special benefit upon the Property.
- (c) *Estimated Costs of the Authorized Improvements and Apportionment of Costs.* The estimated cost to design, acquire and construct the Authorized Improvements, together with bond issuance costs, eligible legal and financial fees, eligible credit enhancement costs and eligible costs incurred in establishment, administration and operation of the District is \$12,050,000 plus the annual operation and maintenance costs, if any. The City will pay

no costs of the Authorized Improvements or operation and maintenance costs from funds other than assessments levied on property within the District. The remaining costs of the proposed improvements will be paid from sources other than those described above.

- (d) *Boundaries of the District.* The District is proposed to include approximately 82.02 acres located generally to the south of Texas Avenue and west of Delany Road within the City. The boundaries of the District are set forth on Exhibits "A" and "B" attached hereto.
- (e) *Proposed Method of Assessment.* The City shall levy assessments on each parcel within the District in a manner that results in the imposition of an equal share of the costs of the Authorized Improvements on property similarly benefitted by such Authorized Improvements. The proposed method of assessment shall be based upon (i) an equal apportionment per lot, per front foot or per square foot of property benefiting from the Authorized Improvements, as determined by the City; (ii) the ad valorem taxable value of the property benefiting from the Authorized Improvements, with or without regard to improvements on the property; or (iii) in any manner that results in imposing equal shares of the cost on property similarly benefitted.
- (f) *Apportionment of Cost Between the District and the City.* The City will not be obligated to provide any funds to finance the Authorized Improvements. All of the costs of the Authorized Improvements will be paid from assessments levied on properties in the District and from other sources of funds available to the Petitioner.
- (g) *Management of the District.* The District shall be managed by the City, with the assistance of a consultant, who shall, from time to time, advise the City regarding certain operations of the District.
- (h) *Advisory Board.* The District shall be managed without the creation of an advisory body.

SECTION 4. That the Trails at Woodhaven Lakes Public Improvement District No. 4 is hereby authorized and created as a public improvement district under the Act in accordance with the findings of the City Council as to the advisability of the Authorized Improvements contained in this Resolution, the nature and the estimated costs of the Authorized Improvements, the boundaries of the District, the method of assessment and the apportionment of costs as described herein, and the conclusion that the District is needed to fund such Authorized Improvements.

SECTION 5. That notice of this Resolution authorizing the District shall be given by publishing such notice once in a newspaper of general circulation in the City. Effective upon the publication of such notice, the District shall be established.

SECTION 6. That City staff is directed to cause to be prepared a Service and Assessment Plan for the District and to present it to the City Council for review and approval.

SECTION 7. That this Resolution shall take effect immediately from and after its passage and publication as required by law.

[Signature page follows]

NOW, THEREFORE BE IT RESOLVED by City Council of the City of La Marque on this the ____ day of _____, 2019.

CITY OF LA MARQUE, TEXAS

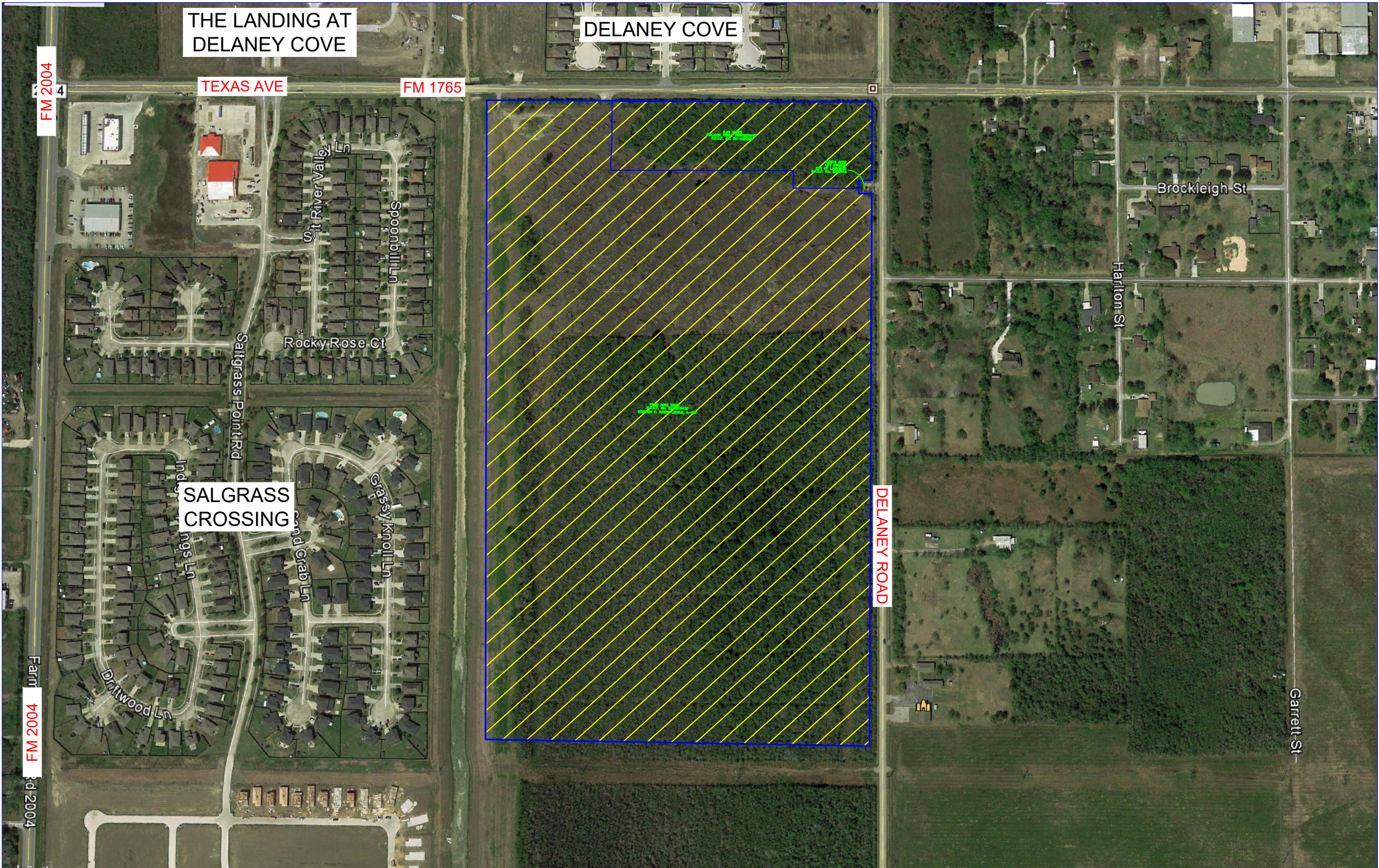
Bobby Hocking
Mayor

ATTEST:

Robin Eldridge, TRMC
City Clerk

APPROVED AS TO FORM:

Ellis J. Ortego
City Attorney



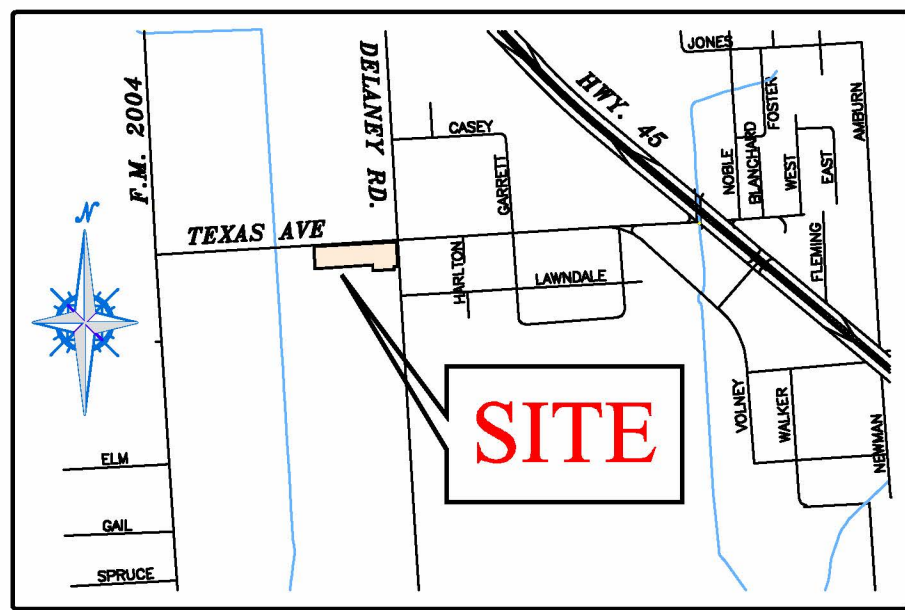
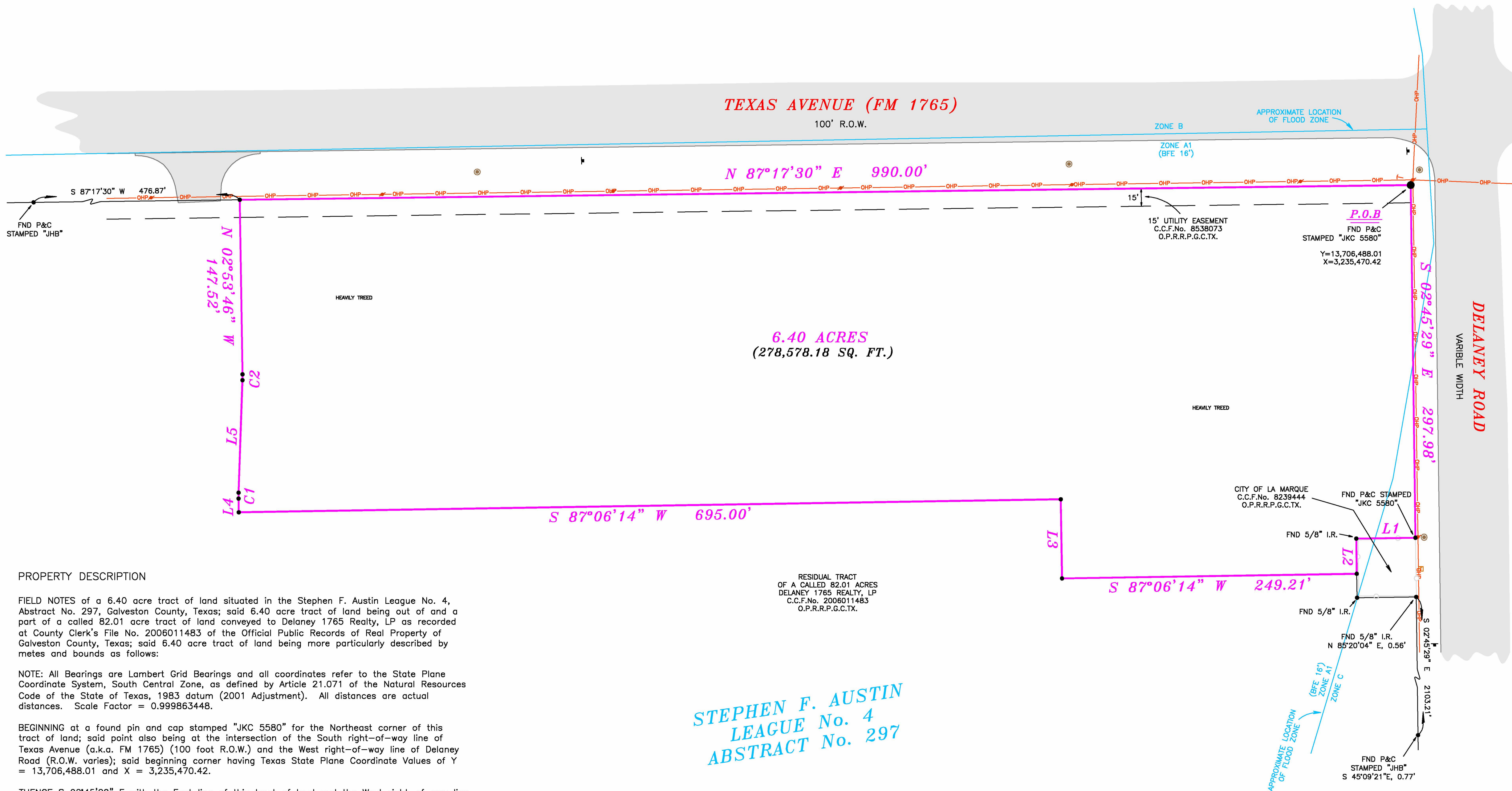
VICINITY MAP
LA MARQUE, TEXAS



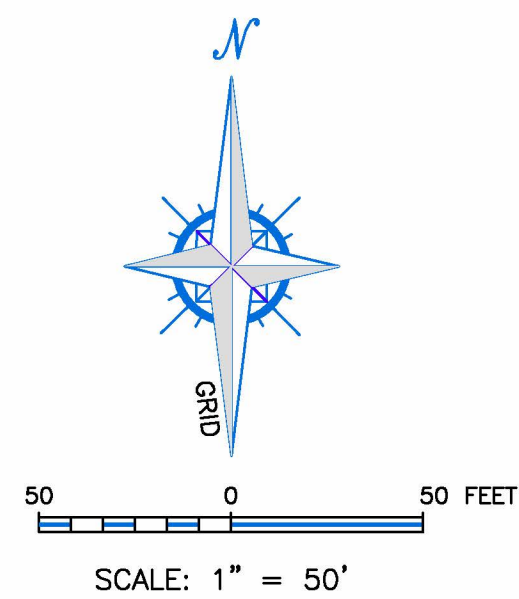
ADICO
CONSULTING ENGINEERS
211 East Parkwood, Ste. 209, FRIENDSWOOD, TX 77546
PHONE: 832-995-1093 WWW.ADICO-LLC.COM
TBPE FIRM NO. 16423

TRAILS AT WOODHAVEN LAKES
PUBLIC IMPROVEMENT DISTRICT
EXHIBIT A

Scale:	Job No.:	Date:	Exhibit:
1"=400'	18100-01-25	12/17/2018	A



VICINITY MAP
NOT TO SCALE



VIEW FACING NORTHWEST PROPERTY COR
(TAKEN FROM TEXAS AVE)

PROPERTY DESCRIPTION

FIELD NOTES of a 6.40 acre tract of land situated in the Stephen F. Austin League No. 4, Abstract No. 297, Galveston County, Texas; said 6.40 acre tract of land being out of and a part of a called 82.01 acre tract of land conveyed to Delaney 1765 Realty, LP as recorded at County Clerk's File No. 2006011483 of the Official Public Records of Real Property of Galveston County, Texas; said 6.40 acre tract of land being more particularly described by metes and bounds as follows:

NOTE: All Bearings are Lambert Grid Bearings and all coordinates refer to the State Plane Coordinate System, South Central Zone, as defined by Article 21.071 of the Natural Resources Code of the State of Texas, 1983 datum (2001 Adjustment). All distances are actual distances. Scale Factor = 0.999863448.

BEGINNING at a found pin and cap stamped "JKC 5580" for the Northeast corner of this tract of land; said point also being at the intersection of the South right-of-way line of Texas Avenue (a.k.a. FM 1765) (100 foot R.O.W.) and the West right-of-way line of Delaney Road (R.O.W. varies); said beginning corner having Texas State Plane Coordinate Values of Y = 13,706,488.01 and X = 3,235,470.42.

THENCE S 02°45'29" E with the East line of this tract of land and the West right-of-way line of said Delaney Road a distance of 297.98 feet to a found pin and cap stamped "JKC 5580" for an angle point of this tract of land and also being the Northeast corner of a tract of land conveyed to the City of La Marque as recorded at County Clerk's File No. 8239444 of the Official Public records of Real Property of Galveston County, Texas.

THENCE S 87°14'31" W with an interior line of this tract of land and the North line of said City of La Marque tract of land a distance of 50.00 feet to a found 5/8 inch iron rod for an interior corner of this tract of land and also being the Northwest corner of said City of La Marque tract of land.

THENCE S 02°45'29" E with an interior line of this tract of land and the West line of said City of La Marque tract of land a distance of 29.74 feet to a set pin and cap stamped "JKC 5580" for the Southeast corner of this tract of land; from this corner a found 5/8 inch iron rod bears S 02°45'29" E a distance of 20.26 feet to the Southwest corner of said City of La Marque tract of land.

THENCE S 87°06'14" W with the South line of this tract of land a distance of 249.21 feet to a set pin and cap stamped "JKC 5580" for the most Southerly Southwest corner of this tract of land.

THENCE N 02°53'46" W with an interior line of this tract of land a distance of 66.75 feet to a set pin and cap stamped "JKC 5580" for an interior corner of this tract of land.

THENCE S 87°06'14" W with the South line of this tract of land a distance of 695.00 feet to a set pin and cap stamped "JKC 5580" for the Southwest corner of this tract of land.

THENCE N 02°53'46" W with the West line of this tract of land a distance of 11.58 feet to a set pin and cap stamped "JKC 5580" for the beginning of a curve to the right, concave Easterly.

THENCE in a Northerly direction with the West line of this tract of land and said curve to the right having a central angle of 02°51'45", a radius of 100.00 feet, a length of 5.00 feet and a chord bearing and distance of N 01°27'53" W, 5.00 feet to a set pin and cap stamped "JKC 5580" for the end of this curve.

THENCE N 00°02'01" W with the West line of this tract of land a distance of 95.13 feet to a set pin and cap stamped "JKC 5580" for the beginning of a curve to the left, concave Westerly.

THENCE in a Northerly direction with the West line of this tract of land and said curve to the left having a central angle of 02°51'45", a radius of 100.00 feet, a length of 5.00 feet and a chord bearing and distance of N 01°27'53" W, 5.00 feet to a set pin and cap stamped "JKC 5580" for the end of this curve.

THENCE N 02°53'46" W with the West line of this tract of land a distance of 147.52 feet to a set pin and cap stamped "JKC 5580" for the Northwest corner of this tract of land; said point being in the North line of said Delaney 1765 Realty, LP tract of land and also being in the South right-of-way line of said Texas Avenue.

THENCE N 87°17'30" E with the North line of this tract of land and the South right-of-way line of said Texas Avenue a distance of 990.00 feet to the PLACE OF BEGINNING; containing within said boundaries a calculated area of 6.40 acres (278,578.18 sq.ft.) of land.

Surveyed: September 22-24, 2010

I hereby certify that on the above dates, the herein described tract of land, together with improvements located thereon, was surveyed on the ground and under my direction, and that this map, together with dimensions as shown hereon, accurately represents the facts as found on the ground this date.

WITNESS my hand and seal at Dickinson, Texas, this 4th., day of October, 2010.

A. MUNROE KELSAY
Registered Professional
Land Surveyor 5580

Surveyed for: Pollock Family Partnership, Ltd.

This certification is revoked and this survey is null and void if this document is altered in any manner, used or relied upon by anyone other than the parties addressed above, or does not bear an original blue signature and original black seal of the surveyor.

LEGEND

- OHP = OVERHEAD POWER LINE
- CLF = CHAINLINK FENCE
- PP = POWER POLE
- MH = MANHOLE
- GW = GUY WIRE
- S = SIGN
- TR = TELEPHONE RISER
- SPC = SET P&C STAMPED "JKC 5580" (UNLESS NOTED OTHERWISE)

CURVE TABLE

CURVE	RADIUS	DELTA	ARC	BEARING	CHORD
C1	100.00'	02°51'45"	5.00'	N 01°27'53" W	5.00'
C2	100.00'	02°51'45"	5.00'	N 01°27'53" W	5.00'

LINE TABLE

LINE	DISTANCE	BEARING
L1	50.00'	S 87°14'31" W
L2	29.74'	S 02°45'29" E
L3	66.75'	N 02°53'46" W
L4	11.58'	N 02°53'46" W
L5	95.13'	N 00°02'01" W

Notes:

- 1.) This property lies within zones A1 (BFE 16') and C as determined by FEMA and as shown on F.I.R.M. 485486 0005 D, dated February 16, 1983. This information is intended to be used to determine insurance rates only, and not to identify flooding conditions.
- 2.) All bearings are Lambert grid bearings and all coordinates refer to the Texas State Plane Coordinate System, South central Zone (#4202), as defined by article 21.071 of the Natural Resources Code of the State of Texas, 1983 Datum (2001 adjustment). All distance are actual distances. Scale factor = 0.999863448.
- 3.) This survey has been prepared based on title commitment provided by Fidelity National Title Company, G.F. No. FTH-21-FTH10005660BH issued June 14, 2010.
- 4.) Future development of this tract of land is subject to the developmental requirements of the City of La Marque, Texas, and is subject to the zoning ordinances of said city.
- 5.) The Texas Department of Transportation may require a driveway permit for access to F.M. 1765.
- 6.) Surface or subsurface faulting, hazardous waste, wetland designations or other environmental issues have not been addressed within the scope of this survey.

 Naismith Marine Services Sea Floor Surveying 3765 South Alameda, Suite 205, Corpus Christi, Texas 78411 (361)-945-0248 (361)-688-8785	NO.	DATE:	REVISION
BOUNDARY SURVEY OF A 6.40 ACRE TRACT OF LAND LOCATED IN LA MARQUE, TX.			
SCALE: 1" = 50'		DATE:	SHEET:
DRAWN BY: AMK		OCT. 4, 2010	1 OF 1



CITY COUNCIL AGENDA FORM

Meeting Date: January 14, 2019

Prepared by: Charlene Warren

Department: Administration

Agenda item: 9d

Reviewed by: Charlene Warren

AGENDA ITEM DESCRIPTION: Discussion/possible action regarding adopting Ordinance No. **O-2019-002**, creating Tax Increment Reinvestment Zone Number Two for Omega Bay Subdivision, a contiguous geographic area in the City of La Marque, under the provisions of Chapter 311 of the Texas Tax Code. **THIS IS THE FIRST READING**

☒

ATTACHMENTS FOR REFERENCE

1. Ordinance - Designation of TIRZ and adoption of a preliminary finance plan
2. Preliminary Project and Financing Plan
3. Summary of Petitions
4. Notice of Public Hearing for publication

STAFF BRIEFING:

- Over the past 20 years, Omega Bay residents have been requesting assistance with street repair and other services from the City of La Marque.
- Each previous City Manager and City Council prepared and reviewed cost estimates for various projects, but no action took place.
- On November 29, 2018, City Clerk received petitions signed by numerous property owners in Omega Bay for the creation of a TIRZ (tax increment reinvestment zone).
- The total appraised value of the taxable real property in the proposed zone is approximately \$71,283,550.
- City Clerk has certified that the total amount of property values of which the property owners that signed the petition is \$39,156,166.00 (based on certified tax roll for 2018).
- These petitions constitute property owners of at least 50% of the appraised value of the property in the proposed reinvestment zone.
- On December 10, 2018, Council accepted the petitions and called for a public hearing at the January 14, 2019 Council meeting.
- A preliminary financing plan has been prepared.
- Special consultant has reviewed.
- Special legal counsel has reviewed the agenda form only.

HISTORY:

11.29.2018 - Petitions received by City Clerk

12.10.2018 - Council accepted petitions and called for Public Hearing

TARGET IMPLEMENTATION: March 2019, or as otherwise required by Chapter 311 of the Texas Tax Code



CITY COUNCIL AGENDA FORM

SIGNIFICANT ACTION DATES: N/A

ACTION:

- | | |
|--|---|
| ☒ Ordinance | ☐ Resolution |
| ☐ Special Presentation | ☐ Proclamation |
| ☐ Finance Report | ☐ Public Hearing |
| ☐ Other | |
| ☒ Mark if this item does not conflict with any Resolution, Ordinance or City Charter, policies, procedures | |

Cost Details:

Budgeted	N/A
Actual Bid	N/A
Estimated Expenditure	N/A
Acct. Name(s)	N/A
Line Items #	N/A
Other Funding	N/A

STAFF'S RECOMMENDATION: Motion to adopt Ordinance No. O-2019-002, creating Tax Increment Reinvestment Zone Number Two for Omega Bay Subdivision, a contiguous geographic area in the City of La Marque, under the provisions of Chapter 311 of the Texas Tax Code. THIS IS THE FIRST READING

FISCAL IMPACT: N/A

ORDINANCE NO. O-2019-002

AN ORDINANCE DESIGNATING A GEOGRAPHIC AREA WITHIN CITY OF LA MARQUE AS REINVESTMENT ZONE NUMBER TWO, CITY OF LA MARQUE, TEXAS, FOR TAX INCREMENT FINANCING PURPOSES PURSUANT TO CHAPTER 311 OF THE TEXAS TAX CODE; CREATING A BOARD OF DIRECTORS FOR SUCH ZONE; CONTAINING FINDINGS AND PROVISIONS RELATED TO THE FOREGOING SUBJECT; AND PROVIDING A SEVERABILITY CLAUSE.

WHEREAS, the City Council has received petitions (the “Petitions”), requesting that a contiguous geographic area in the City of La Marque (the “City”), be designated as a reinvestment zone under the provisions of Chapter 311 of the Texas Tax Code; and

WHEREAS, the Petitions were submitted by the owners of property constituting at least fifty percent of the appraised value of the property in the proposed reinvestment zone according to the most recent certified appraisal rolls for Galveston County, Texas, the county in which the proposed zone is located; and

WHEREAS, the City has prepared a preliminary reinvestment zone financing plan, which provides that certain City of La Marque ad valorem property taxes are to be deposited into the tax increment fund, and that taxes of other taxing units may be utilized in the financing of the proposed zone; and

WHEREAS complying with the requirements of Chapter 311, Texas Tax Code, a notice of the January 14, 2019, public hearing on the creation of the proposed zone was published on December 14, 2018, in the Galveston County Daily News, a newspaper of general circulation in the City; and

WHEREAS, at the public hearing on January 14, 2019, interested persons were allowed to speak for or against the creation of the proposed zone, its boundaries, or the concept of tax increment financing; and owners of property in the proposed zone were given a reasonable opportunity to protest the inclusion of their property in the proposed zone; and

WHEREAS, evidence was received and presented at the public hearing in favor of the creation of the proposed zone under the provisions of Chapter 311, Texas Tax Code; and

WHEREAS, the City has provided all information and given all notices and done all other things required by Chapter 311, Texas Tax Code, or other law as a condition to the creation of the proposed zone; and

WHEREAS, as of the date of this Ordinance, no other tax increment reinvestment zone is in operation within the City; and

WHEREAS, based on the latest certified values, the total appraised value of taxable property in the City and in industrial districts created by the City is approximately \$1,025,925,859 and

WHEREAS, based on the latest certified values, the total appraised value of taxable real property in the proposed zone and all other tax increment reinvestment zones previously created by the City is approximately \$71,283,550 and

WHEREAS, the total area within the proposed zone is approximately 73.1 acres, including property that is publicly owned and

WHEREAS, the City Council desires to further demonstrate its commitment and intentions by reserving funds approved for the benefit of the Zone in the Fiscal Year 2018-19 Budget in a segregated fund from the General Fund;

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF LA MARQUE, TEXAS:

Section 1. Findings.

(a) That the facts and recitations contained in the preamble of this Ordinance are hereby found and declared to be true and correct and are adopted as part of this Ordinance for all purposes.

(b) That the City Council further finds and declares that the proposed improvements in the zone will significantly enhance the value of all the taxable real property in the proposed zone and will be of general benefit to the City.

(c) That the City Council further finds and declares that the proposed reinvestment zone meets the criteria of Section 311.005 of the Texas Tax Code because the proposed zone is an area designated in a petition submitted by the owners of property constituting at least 50 percent of the appraised value of the property in the area requesting that the area be designated as a reinvestment zone.

(d) That the City Council, pursuant to the requirements of Chapter 311, Texas Tax Code, further finds and declares:

- (1) That the proposed zone is a geographic area located within the corporate limits of the City of La Marque; and
- (2) That the total appraised value of taxable real property in the proposed zone does not exceed fifty percent of the total appraised value of

taxable real property in the City and in the industrial districts created by the City; and

- (3) That based on the latest certified values, the development or redevelopment of the property in the proposed zone will not occur solely through private investment in the reasonably foreseeable future.

Section 2. Designation of the Zone

That the City, acting under the provisions of Chapter 311, Texas Tax Code, including Section 311.005(a), does hereby designate as a reinvestment zone, and create and designate a reinvestment zone over, the area described in **Exhibit A** and depicted in the map attached hereto as **Exhibit B** to promote the redevelopment of the area. The reinvestment zone shall hereafter be named for identification as Reinvestment Zone Number Two, City of La Marque, Texas (the "Zone"). The City Council specifically declares that the Zone is designated pursuant to Section 311.005(a)(4) of the Texas Tax Code.

Section 3. Board of Directors

That there is hereby created a Board of Directors for the Zone, which shall consist of nine (9) members. Position One on the Board of Directors shall be filled by the State Senator representing the area included within the Zone or his or her designee. Position Two on the Board shall be filled by the State Representative representing the area included within the Zone or his or her designee. The Mayor is hereby authorized to nominate and appoint the remaining seven (7) members of the Board to Positions Three through Nine, subject to the consent and approval of the City Council; provided, however, that Galveston County shall be entitled to appoint a director to Position Nine if Galveston County approves the payment of all or part of the tax increment attributable to Galveston County. Failure of Galveston County to appoint a director by December 31, 2019 shall be deemed a waiver of that taxing unit's right to appoint a director, and the Mayor shall be entitled to nominate and appoint persons to such positions, subject to the consent and approval of City Council.

The directors or their designees in Position One and Position Two shall be members of the board by operation of law pursuant to Section 311.09(b), Texas Tax Code. The initial directors appointed to Positions Three, Four and Five shall be appointed for two-year terms, beginning January 1, 2019, while the directors appointed to Positions Six, Seven, Eight and Nine shall be appointed to one-year terms, beginning January 1, 2019. All subsequent appointments shall be for two-year terms. The member of the Board of Directors appointed to Position Three is hereby designated to serve as the chair of the Board of Directors for a term beginning January 1, 2019, and ending December 31, 2019. Thereafter, the Mayor shall annually nominate and appoint, subject to City Council approval, a member to serve as chair

for a term of one year beginning January 1, of the following year. The City Council authorizes the Board of Directors to elect from its members a vice chairman and such other officers as the Board of Directors sees fit.

The Board of Directors shall prepare or cause to be prepared and adopt a project plan and a reinvestment zone financing plan for the Zone as described in Section 311.011, Texas Tax Code, and shall submit such plans to the City Council for its approval. The City hereby delegates to the Board of Directors all powers necessary to administer, manage and operate the Zone and prepare and implement the project plan and reinvestment zone financing plan, subject to approval by the City Council, including the power to employ any consultants or enter into any reimbursement agreements payable solely from the Tax Increment Fund established pursuant to Section 6 of this Ordinance subject to the approval of the City Manager, that may be reasonably necessary to assist the Board of Directors in the preparation of the project plan and reinvestment zone financing plan and in the issuance of tax increment obligations.

Section 4. Duration of the Zone

That the Zone shall take effect immediately upon passage of this Ordinance, provided however, that the deposit of tax increments into the Tax Increment Fund established pursuant to Section 6 of this Ordinance shall not commence until January 1, 2020, and termination of the operation of the Zone shall occur on December 31, 2050, or at an earlier time designated by subsequent ordinance, or at such time, subsequent to the issuance of tax increment bonds, if any, that all project costs, tax increment bonds, notes and other obligations of the Zone, and the interest thereon, have been paid in full.

Section 5. Tax Increment Base

That the Tax Increment Base of any taxing unit participating in the Zone through property tax increments is the total appraised value of all real property taxable by such taxing unit and located in the Zone as of January 1, 2019, the year in which the Zone was designated a reinvestment zone (the "Tax Increment Base").

Section 6. Tax Increment Fund

That there is hereby created and established a Tax Increment Fund for the Zone which may be divided into subaccounts as authorized by subsequent ordinances. All Tax Increments (as defined by Chapter 311 of the Texas Tax Code) received by the City or Zone plus other revenues identified in the project plan and the reinvestment zone financing plan to be approved by the Zone and the City shall be deposited in the Tax Increment Fund. The Tax Increment Fund and any subaccount shall be

maintained at the depository bank of the City and shall be secured in the manner prescribed by law for funds of Texas cities. All revenues from the sale of any tax increment bonds, notes or other obligations hereafter issued for the benefit of the Zone by the City, if any; revenues from the sale of property acquired as part of the project plan and reinvestment zone financing plan, if any; and other revenues to be used in the Zone shall be deposited into the Tax Increment Fund. Prior to the termination of the Zone, money shall be disbursed from the Tax Increment Fund only to pay project costs, as defined by the Texas Tax Code, for the Zone, to satisfy the claims of holders of tax increments bonds or notes issued for the Zone, or to pay obligations incurred pursuant to agreements entered into to implement the project plan and reinvestment zone financing plan and achieve their purpose pursuant to Section 311.010(b) of the Texas Tax Code.

Section 7. Severability

If any provision, section, subsection, sentence, clause or phrase of this Ordinance, or the application of same to any person to set circumstances, is for any reason held to be unconstitutional, void or invalid, the validity of the remaining provisions of this Ordinance or their application to other persons or set of circumstances shall not be affected thereby, it being the intent of the City Council in adopting this Ordinance that no portion hereof or regulations connected herein shall become inoperative or fail by reason of any unconstitutionality, voidness or invalidity of any portion hereof, and all provisions of this Ordinance are declared severable for that purpose.

Section 8. Open Meetings

It is hereby found, determined and declared that a sufficient written notice of the date, hour, place and subject of the meeting of the City Council at which this Ordinance was adopted was posted at a place convenient and readily accessible at all times to the general public at the City Hall of the City for the Time required by law preceding its meeting, as required by the Open Meetings Law, Texas Government Code, ch. 551, and that this meeting has been open to the public as required by law at all times during which this Ordinance and the subject matter hereof has been discussed, considered and formally acted upon. The City Council further ratifies, approves and confirms such written notice and the contents and posting thereof.

Section 9. Notices

The contents of the notice of the public hearing, which hearing was held before the City Council on January 14, 2019, and the publication of said notice, are hereby ratified, and confirmed.

[EXECUTION PAGE FOLLOWS]

PASSED AND APPROVED by City Council of the City of La Marque, Texas ON FIRST
READING this ____ day of _____, 2019.

PASSED, APPROVED AND ADOPTED by City Council of the City of La Marque, Texas ON
SECOND AND FINAL READING this ____ day of _____, 2019.

CITY OF LA MARQUE, TEXAS

Bobby Hocking, Mayor

ATTEST:

Robin Eldridge, TRMC
City Clerk

APPROVED AS TO FORM:

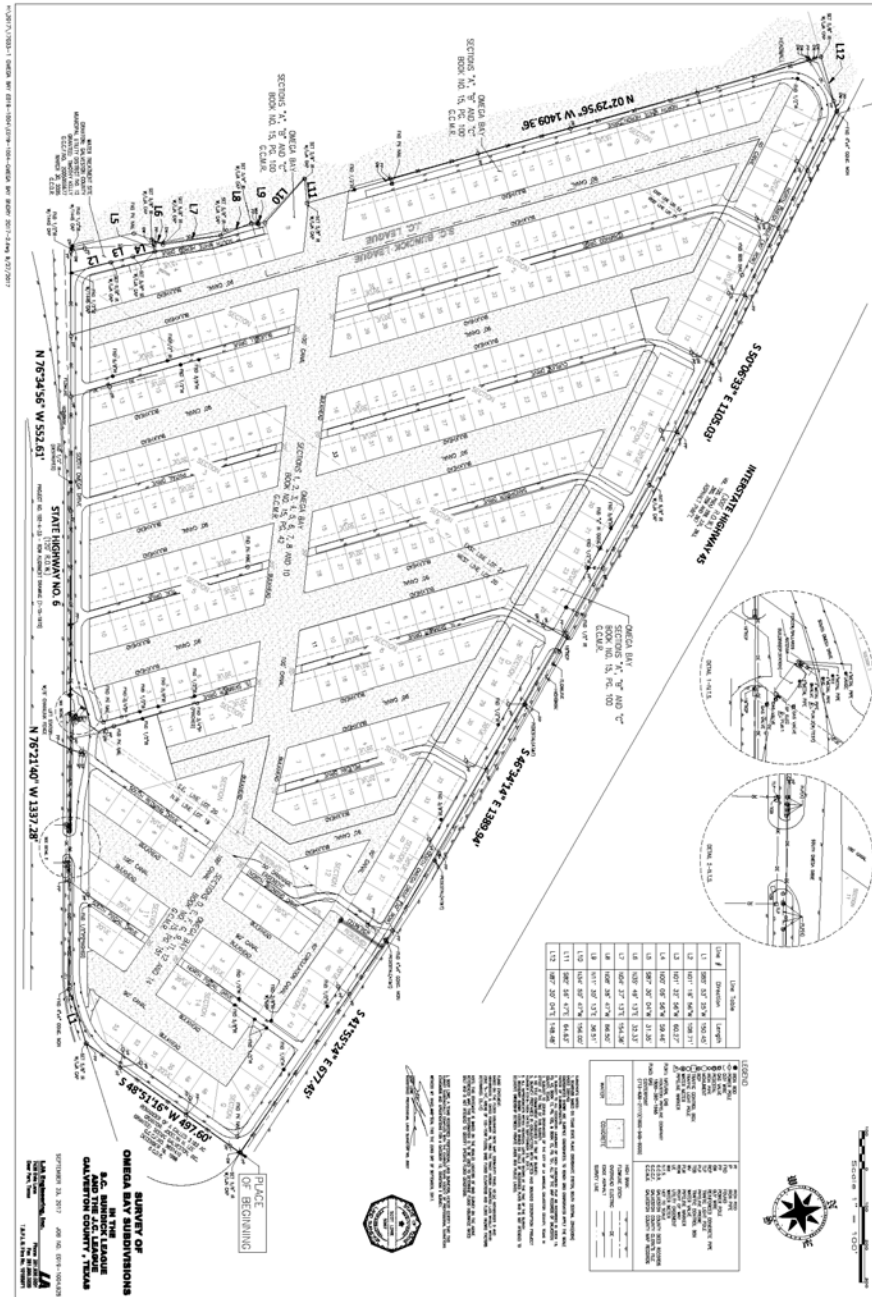
Ellis J. Ortego, City Attorney

Exhibit A

TIRZ No. 1 Boundary

Sections 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, A, B, C, D, E, F, and, G of the Omega Bay Subdivision in the S.C. Bundick League and the J.C. League, Galveston county, Texas.

TIRZ No. 1 Map



PRELIMINARY PROJECT PLAN AND
REINVESTMENT ZONE FINANCING PLAN
FOR
TAX INCREMENT REINVESTMENT ZONE NO. 2
CITY OF LA MARQUE

January 8, 2019

Prepared by

marshdarcy
PARTNERS

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1. OVERVIEW

1.1 Background

The Omega Bay subdivision was constructed in several sections over a number of years within the City of La Marque, Texas. The subdivision consists of approximately 289 single family homes. The proposed City of La Marque Tax Increment Reinvestment Zone #2 would be coincident with the boundaries of the subdivision encompassing approximately 73.1 acres.

The location of proposed La Marque Tax Increment Reinvestment Zone #2 within the City of La Marque is shown in Figure 1.

Figure 1 – Vicinity Map



1.2 The Challenge

The streets within Omega Bay were originally platted as private streets and have been maintained as a private obligation of the home owners association funded by property owner assessments. Over time, affordable assessments have proven to be inadequate to fund a level of maintenance on par with the standards in other parts of the City. The roadway infrastructure condition within the subdivision has degraded to the point that complete reconstruction of the roadways is necessary.

1.3 Responding to the Challenge

Residents of the subdivision have petitioned the City to accept maintenance of the streets within the subdivision and to create Tax Increment Reinvestment Zone #2 (TIRZ) to create a funding mechanism to rebuild the streets to current minimum standards. The TIRZ will establish a dedicated revenue stream to fund the road improvements which will not negatively impact the overall financial resources of the City which are needed to provide services throughout the City.

2. PRELIMINARY PROJECT PLAN

This Preliminary Project Plan and Reinvestment Zone Financing Plan (“The Plan”) has been prepared in accordance with the requirements of Chapter 311.011 of the Texas Tax Code and outlines the improvements to be funded and implemented by the Tax Increment Reinvestment Zone Number 1, La Marque, Texas.

The TIRZ will allow the City and other participating entities to partner with each other to fund the necessary road improvements. It is anticipated that the natural appreciation of property values will provide the primary source of tax increment to fund the improvements. In the long run, improving the condition of the roadways will also tend to improve and stabilize property values. The road improvement projects are expected to be funded directly by the TIRZ as funds accrue and become available.

2.1 Existing Uses and Conditions, Proposed Use (311.011(b)(1))

Existing uses within the proposed TIRZ are residential and it is expected that future uses will continue to be residential. The properties are predominantly built out with the homes generally being in good condition. The roadways, and some associated bulkheads, are in poor condition and in need of complete reconstruction.

2.2 Changes to Municipal Ordinances Required (311.011(b)(2))

There are no contemplated changes to the City’s Code of Ordinances, zoning ordinances, master plan, building codes, or subdivision rules and regulations necessary to implement the Plan.

2.3 Non-Project Costs (311.011(b)(3))

There are no contemplated non-project costs associated with implementation of the TIRZ. However, Galveston County MUD 12 is responsible for maintenance and operation of the water, sanitary sewer, and drainage facilities within the proposed TIRZ. If it becomes necessary to modify any MUD facilities during reconstruction of the roadways, the MUD will be asked to fund such work.

2.4 Method of Relocation (311.011(b)(4))

There will be no relocations required to implement the TIRZ.

3. REINVESTMENT ZONE FINANCING PLAN

The TIRZ will provide a funding mechanism for complete reconstruction of the roadways within the Zone. The TIRZ may fund all or a portion of the eligible projects.

3.1 Estimated Project Cost Description (311.011(c)(1))

The project costs in Table 1 below comply with the categories established in Section 311.02 of the Texas Tax Code. The project cost estimates are approximate based on preliminary engineer's estimates of probable costs and are expressed in year 2018 dollars. Project Costs may be adjusted to actual development plans, bid costs and/or for inflation. Projects will be undertaken and paid for as funds are available from increment or other sources. The intent is to complete roadway reconstruction projects in logical discrete packages, such as a on a block by block basis or other method of prioritization, as can be funded from tax increment revenues notwithstanding whether the costs or tax increment exceed the estimates herein and costs may be moved among line items.

Table 1

Project Description	Project Cost Estimate
Street Reconstruction - Complete Concrete Reconstruction	\$4,000,000
Professional Services Engineering, Surveying, Geotechnical (20% of construction)	\$800,000
Creation Costs and Zone Administration	\$200,000
Total Estimated Project Costs	\$5,000,000

In conjunction with the projects described above, the following categories established in Section 311.002 (1) of the Texas Tax Code as eligible project costs will be considered eligible project costs. The TIRZ will fund project costs consistent with this Plan at the earliest feasible and practicable date(s), upon approval of the Board of Directors of the TIRZ.

- *Capital Projects* related to demolition, environmental abatement, and remediation including site work and fill, necessary to prepare sites and existing structures for roadway reconstruction, including adjoining bulkheads that have direct support for the road support structure; i.e., where bulkhead function is supporting road shoulder or road base and is not owned by individual property resident. This would include the dead-end roads terminating at a canal.
- *Land Costs* associated with property formally conveyed to the public in conjunction with the implementation of projects otherwise eligible for reimbursement may also be eligible for reimbursement.
- *Matching Funds* may be contributed in support of local, state, federal or other capital improvements programs that benefit the project and the region.
- *Professional Services* incurred for architectural, planning, engineering, legal, landscape architecture, financial, marketing, public relations, management, leasing, bookkeeping,

- tax role verification, environmental, archaeological, and other services and advice necessary to a project.
- *Financing Costs* related to city interest, and financing interest, legal fees, underwriter's fees, brokerage charges, transfer or placement charges, premium and fees paid for loans, credit enhancement fees, notes, bonds or other instruments of credit issued to pay for project costs.
- *Operational Expenses* as may be necessary to provide for the proper administration of the Zone, operation of Zone facilities and services provided therein, over the life of the TIRZ.

3.2 Kind, Number and Location of Proposed Public Improvements (311.011(c)(2))

The proposed public improvements include the complete concrete reconstruction of all streets within the Zone. The reconstruction may be completed in phases commensurate with available funds and based on the most advantageous sequencing.

3.3 Economic Feasibility (311.011(c)(3))

Marsh Darcy Partners prepared an analysis of the property value growth within Omega Bay for the five previous years as shown in Table 2.

Table 2

	2013	2014	2015	2016	2017	Average
Total Assessed Value	\$ 46,224,239	\$ 50,577,845	\$ 56,673,942	\$ 61,149,587	\$ 68,348,137	NA
Change from Prior	NA	\$ 4,353,606	\$ 6,096,097	\$ 4,475,645	\$ 7,198,550	\$5,530,975
% Change from Prior	NA	9.4%	12.1%	7.9%	11.8%	10.3%

The average annual property value increase during this period was 10.3%. Recognizing that growth of that magnitude is not likely to be sustained for a 30-year period, value and increment projections using a 4% annual growth rate were analyzed. A 4% annual growth rate will yield approximately \$5.7 million in City incremental revenue during the 30-year life of the proposed Zone. This revenue potential is in excess of the \$5 million projected project costs. If Galveston County chooses to participate, an additional \$6.2 million in increment could be available. The combined increment would enable projects to be accelerated and the potential early termination of the TIRZ.

3.4 Estimate of Bonded Indebtedness To Be Incurred (311.011(c)(4))

It is not anticipated that bonds, notes or other obligations will be issued. However, the City, at its sole discretion, may issue or cause to be issued bonds, notes, or other obligations secured by tax increment revenues up to the maximum amount that may be financed by available increment. The use of the proceeds of such bonds would be limited to the eligible project costs defined in this Plan.

3.5 Estimated Time When Monetary Obligations Are To Be Incurred (311.011(c)(5))

Obligations will be incurred as increment is available to fund design and/or construction of the eligible street reconstruction projects or a subset of the eligible street reconstruction.

3.6 Methods and Sources of Financing (311.011(c)(6))

The primary source of revenue will be the ad valorem property taxes generated on the annual increment value above the base year value. Table 3 below shows the proposed participation rate of the City and Galveston County

Table 3

Jurisdiction	2018 Tax Rate	% Participation	Duration
City of La Marque	\$0.490764/\$100	100%	30 Years
Galveston County	\$0.531898/\$100	100%	30 years

The City anticipates requesting TIRZ participation by Galveston County that could further advance the purposes and goals of the Zone.

To ensure timely construction of public improvements, both pay-as-you-go and various methods of financing may be utilized. These include:

- *Tax Increment Bonds or Notes.* As allowed by annual incremental increases in Zone assessed value, tax-exempt tax increment bonds or notes may be issued to fund improvements.
- *Other private financing.* Some projects may be financed on a short-term basis through private financial institutions.
- *Grants/Other Public Funds.* To the extent permitted by law, efforts will be made to leverage TIRZ funds with other public funds and economic development tools.

3.7 Current Appraised Value of Taxable Real Property (311.011(c)(7))

Based upon the 2018 Galveston Central Appraisal District certified tax roll, the current total taxable value of all real property in the proposed TIRZ is \$51,363,157. The actual base year of the Zone will be 2019 with the value established based on the certified tax roll for that year.

3.8 Estimated Captured Appraised Value By Year (311.011(c)(8))

Table 4 shows the Captured Appraised Value and the resulting revenue from the City and County for the duration of the Zone.

Table 3

TIRZ Year	Year	Incremental Value Projection		TIRZ Increment Revenue Projection			
		Annual Incremental Value	Cumulative Incremental Value	City	County	Total	Cumulative Revenue
1	2019	\$ 1,639,427	\$ 1,639,427				
2	2020	\$ 1,705,004	\$ 3,344,430	\$ 8,046	\$ 8,720	\$ 16,766	\$ 16,766
3	2021	\$ 3,412,630	\$ 5,117,634	\$ 16,413	\$ 17,789	\$ 34,202	\$ 50,968
4	2022	\$ 3,549,136	\$ 6,961,766	\$ 25,116	\$ 27,221	\$ 52,336	\$ 103,304
5	2023	\$ 5,330,528	\$ 8,879,663	\$ 34,166	\$ 37,029	\$ 71,195	\$ 174,499
6	2024	\$ 5,543,749	\$ 10,874,277	\$ 43,578	\$ 47,231	\$ 90,809	\$ 265,308
7	2025	\$ 7,404,925	\$ 12,948,674	\$ 53,367	\$ 57,840	\$ 111,207	\$ 376,515
8	2026	\$ 7,701,123	\$ 15,106,048	\$ 63,547	\$ 68,874	\$ 132,421	\$ 508,937
9	2027	\$ 9,648,594	\$ 17,349,717	\$ 74,135	\$ 80,349	\$ 154,484	\$ 663,420
10	2028	\$ 10,034,538	\$ 19,683,132	\$ 85,146	\$ 92,283	\$ 177,429	\$ 840,849
11	2029	\$ 12,075,346	\$ 22,109,884	\$ 96,598	\$ 104,694	\$ 201,292	\$ 1,042,141
12	2030	\$ 12,558,360	\$ 24,633,706	\$ 108,507	\$ 117,602	\$ 226,109	\$ 1,268,251
13	2031	\$ 14,700,121	\$ 27,258,481	\$ 120,893	\$ 131,026	\$ 251,920	\$ 1,520,170
14	2032	\$ 15,288,126	\$ 29,988,247	\$ 133,775	\$ 144,987	\$ 278,762	\$ 1,798,932
15	2033	\$ 17,539,077	\$ 32,827,203	\$ 147,172	\$ 159,507	\$ 306,678	\$ 2,105,611
16	2034	\$ 18,240,640	\$ 35,779,718	\$ 161,104	\$ 174,607	\$ 335,711	\$ 2,441,322
17	2035	\$ 20,609,693	\$ 38,850,333	\$ 175,594	\$ 190,312	\$ 365,906	\$ 2,807,228
18	2036	\$ 21,434,080	\$ 42,043,773	\$ 190,663	\$ 206,644	\$ 397,308	\$ 3,204,535
19	2037	\$ 23,930,870	\$ 45,364,951	\$ 206,336	\$ 223,630	\$ 429,966	\$ 3,634,501
20	2038	\$ 24,888,105	\$ 48,818,975	\$ 222,635	\$ 241,295	\$ 463,930	\$ 4,098,431
21	2039	\$ 27,523,056	\$ 52,411,161	\$ 239,586	\$ 259,667	\$ 499,253	\$ 4,597,684
22	2040	\$ 28,623,978	\$ 56,147,034	\$ 257,215	\$ 278,774	\$ 535,989	\$ 5,133,673
23	2041	\$ 31,408,364	\$ 60,032,342	\$ 275,549	\$ 298,645	\$ 574,194	\$ 5,707,868
24	2042	\$ 32,664,698	\$ 64,073,062	\$ 294,617	\$ 319,311	\$ 613,928	\$ 6,321,796
25	2043	\$ 35,610,713	\$ 68,275,411	\$ 314,448	\$ 340,803	\$ 655,251	\$ 6,977,046
26	2044	\$ 37,035,142	\$ 72,645,855	\$ 335,071	\$ 363,156	\$ 698,227	\$ 7,675,273
27	2045	\$ 40,155,974	\$ 77,191,115	\$ 356,520	\$ 386,402	\$ 742,922	\$ 8,418,195
28	2046	\$ 41,762,213	\$ 81,918,187	\$ 378,826	\$ 410,578	\$ 789,404	\$ 9,207,599
29	2047	\$ 45,072,128	\$ 86,834,341	\$ 402,025	\$ 435,721	\$ 837,746	\$ 10,045,345
30	2048	\$ 46,875,013	\$ 91,947,141	\$ 426,152	\$ 461,870	\$ 888,022	\$ 10,933,367
	2049			\$ 451,243	\$ 489,065	\$ 940,308	\$ 11,873,675
		Totals		\$ 5,698,043	\$ 6,175,632	\$ 11,873,675	

The year in which incremental revenues are shown is based on the year of receipt, which lags by one year the year in which new value is recorded on the tax roll.

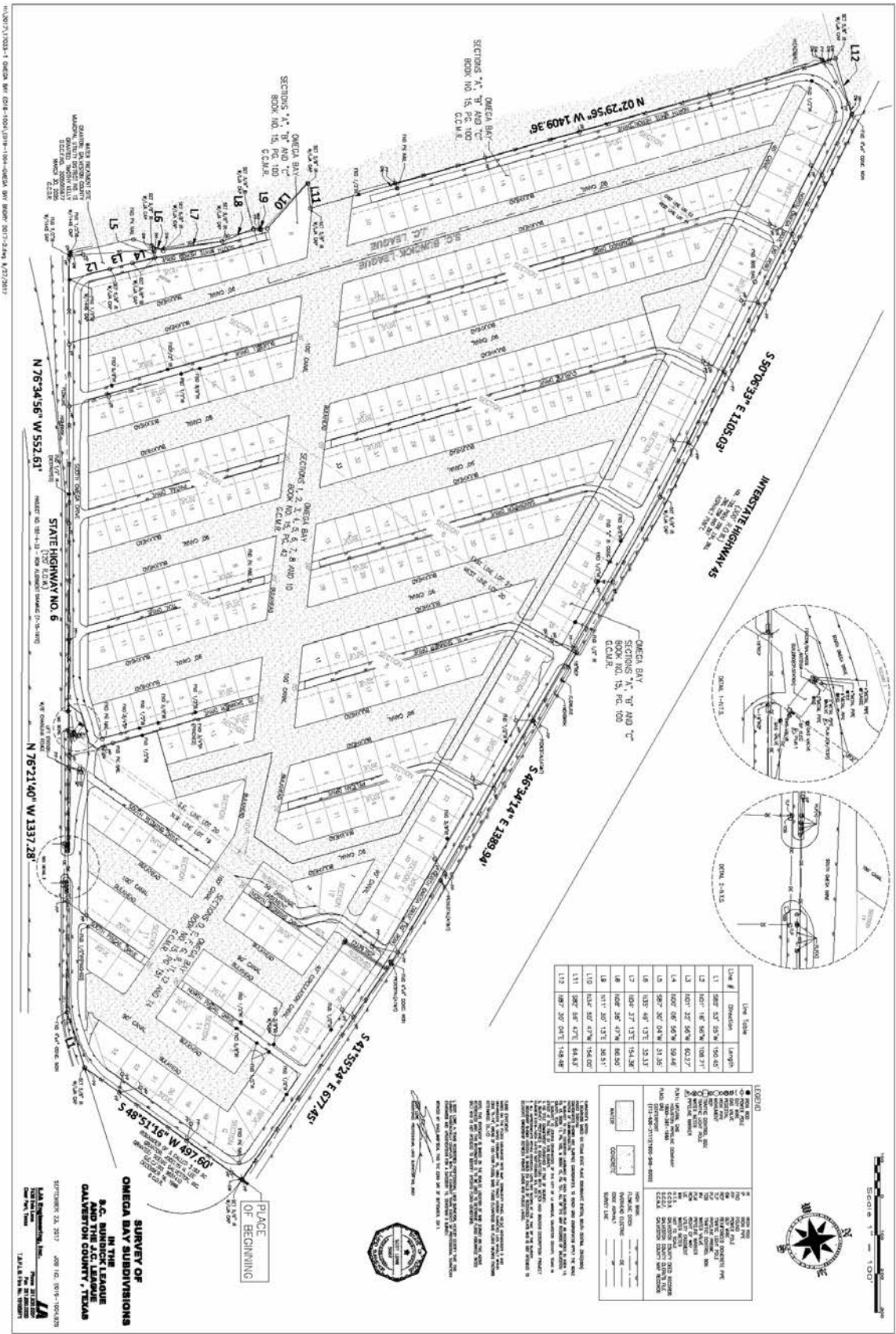
3.9 Duration of Zone (311.011(c)(9))

The Zone will be created for a 30-year period, with the final payment of increment being made on values and at rates for 2049, which revenue may be paid in 2050. Therefore, the Zone will terminate for purposes of collection on December 31, 2050.

APPENDIX A

TIRZ Boundary Legal Description

Sections 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, A, B, C, D, E, F, and, G of the Omega Bay Subdivision in the S.C. Bundick League and the J.C. League, Galveston county, Texas.



SUMMARY OF PETITIONS

Year	ID	GEO ID	Taxpayer	HS	Situs Address	Legal	Appraised Val
2018	142996	5515-0000-0000-001	OMEGA BAY IMPROVEMENT COM	No		ABST 7 PAGE 4 RESERVE TRACT (0-1) OMEGA BAY	\$100
2018	142995	5515-0000-0000-002	MCCALL TIMOTHY	No		ABST 7 PAGE 4 RESERVE TRACT (0-2) OMEGA BAY	\$1,580
2018	142851	5515-0000-0000-003	OMEGA BAY IMPROVEMENT COM	No		ABST 7 S C BUNDICK SUR PT OF TENNIS COURT RESI	\$100
2018	355470	5515-0000-0000-004	EXP-MUD #12	No		ABST 7 PAGE 4 MUD #12 METER STATION (0-4) OM	\$3,320
2018	368861	5515-0000-0000-005	OMEGA BAY WATER SUPPLY CORI	No		ABST 7 PAGE 4 TRACT 5 (0-5) OMEGA BAY LIFT STA	\$100
2018	368860	5515-0000-0000-006	OMEGA BAY IMPROVEMENT COM	No		ABST 7 PAGE 4 ALL ROWS (0-6) OMEGA BAY SEC 1 T	\$1,790
2018	142681	5515-0001-0001-000	WILLIAMS STEVEN D &	Yes	1 S FLAMINGO LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 1 OMEGA BAY SEC 1	\$274,780
2018	142682	5515-0001-0002-000	HILLING DENNIS W JR &	Yes	2 S FLAMINGO LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 2 OMEGA BAY SEC 1	\$180,500
2018	142683	5515-0001-0003-000	ETHERIDGE KAREN D	Yes	3 S FLAMINGO LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 3 OMEGA BAY SEC 1	\$180,160
2018	142684	5515-0001-0004-000	WEDDLE JOHN C	No	4 S FLAMINGO LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 4 OMEGA BAY SEC 1	\$221,000
2018	142685	5515-0001-0005-000	MCFARLAND STEVEN & SANDIE	Yes	5 S FLAMINGO LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 5 OMEGA BAY SEC 1	\$271,830
2018	142686	5515-0001-0006-000	MUSHINSKI JAMES M	No	6 S FLAMINGO LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 6 OMEGA BAY SEC 1	\$28,550
2018	142687	5515-0001-0007-000	WIX DAVID G	Yes	7 S FLAMINGO LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 7 OMEGA BAY SEC 1	\$329,080
2018	142688	5515-0001-0008-000	SICKING KEVIN JOE & GINA P CO-T	Yes	8 S FLAMINGO LA MARQUE, TX 77568	ABST 7 PAGE 4 LOTS 8 OMEGA BAY SEC 1	\$356,320
2018	438515	5515-0001-0009-001	ACORD THOMAS & DENISE	Yes	9 S FLAMINGO LA MARQUE, TX 77568	ABST 7 LOT 9 OMEGA BAY SEC 1	\$197,330
2018	142690	5515-0001-0010-000	TAND KENNETH E	No	10 S FLAMINGO LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 10 OMEGA BAY SEC 1	\$193,160 (195,000)
2018	142691	5515-0001-0011-000	HENLY REX E & LISA A	Yes	11 S FLAMINGO LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 11 OMEGA BAY SEC 1	\$270,000
2018	142692	5515-0001-0012-000	GLOVER WYNN R & DONNA	Yes	12 S FLAMINGO LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 12 OMEGA BAY SEC 1	\$255,540
2018	142693	5515-0001-0013-000	HOUSTON AREA INVESTMENT PRC	No	13 S FLAMINGO LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 13 OMEGA BAY SEC 1	\$199,550
2018	142694	5515-0001-0014-000	LOTT WILLIAM & JEANNIE	Yes	14 S FLAMINGO LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 14 OMEGA BAY SEC 1	\$224,700
2018	142695	5515-0001-0015-000	ROSS TIMOTHY R	Yes	15 S FLAMINGO LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 15 OMEGA BAY SEC 1	\$199,120
2018	142696	5515-0001-0016-000	MASSEY THOMAS D	Yes	16 S FLAMINGO LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 16 OMEGA BAY SEC 1	\$178,530
2018	142697	5515-0001-0017-000	HENDERSON DANIEL LEE & JALAYI	Yes	17 S FLAMINGO LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 17 OMEGA BAY SEC 1	\$192,250
2018	142698	5515-0001-0018-000	NORS TERRI	Yes	18 S FLAMINGO LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 18 OMEGA BAY SEC 1	\$192,150
2018	142699	5515-0001-0019-000	BUISH ROBERT G	Yes	19 S FLAMINGO LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 19 OMEGA BAY SEC 1	\$217,000
2018	142700	5515-0001-0020-000	BLANCHARD MARCEL Jr	Yes	20 S FLAMINGO LA MARQUE, TX 77568	ABST 7 PAGE 4 S 60 FT OF LOT 20 (20-1) OMEGA BA	\$242,180
2018	142701	5515-0001-0021-000	MAZZOLA JACK	Yes	21 S FLAMINGO LA MARQUE, TX 77568	ABST 7 S C BUNDICK SUR LOT 21 & N 15 FT OF LOT :	\$514,590
2018	142703	5515-0002-0002-000	FOWLER-GULDE JANIS J	Yes	2 N FLAMINGO LA MARQUE, TX 77568	ABST 7 LOTS 1 & 2 OMEGA BAY SEC 2	\$320,000
2018	142704	5515-0002-0003-000	GULDE JANIS JEAN FOWLER &	No		ABST 7 PAGE 4 LOT 3 OMEGA BAY SEC 2	\$35,000
2018	142705	5515-0002-0004-000	DELEON MARISA R & LUCILA C	No		ABST 7 PAGE 4 LOT 4 OMEGA BAY SEC 2	\$38,070
2018	142706	5515-0002-0005-000	WOLLAM THOMAS	Yes	5 N FLAMINGO LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 5 OMEGA BAY SEC 2	\$204,620
2018	142708	5515-0002-0007-000	SKINNER JOHN W & HELEN E SKIN	No	7 N FLAMINGO LA MARQUE, TX 77568	ABST 7 LOTS 6 & 7 BLK 2 OMEGA BAY SEC 2	\$404,250
2018	142709	5515-0002-0008-000	WEICHEL KIRK & DANA	No	8 N FLAMINGO LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 8 OMEGA BAY SEC 2	\$288,630

2018	142710	5515-0002-0009-000	SCHEXNAYDER KERRY & BARBARA	Yes	9 N FLAMINGO	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 9 OMEGA BAY SEC 2	\$193,180
2018	142711	5515-0002-0010-000	CHERAMIE DOLTY J III & CHARLEN	No	10 N FLAMINGO	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 10 OMEGA BAY SEC 2	\$290,000
2018	142712	5515-0002-0011-000	HINCKS JOHN HAROLD	No	11 N FLAMINGO	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 11 OMEGA BAY SEC 2	\$209,650
2018	142713	5515-0002-0012-000	PEARCE KEVIN & ELLEN D	Yes	12 N FLAMINGO	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 12 OMEGA BAY SEC 2	\$247,410
2018	142714	5515-0002-0013-000	LAIRD WALTER E & JANETTE	Yes	13 N FLAMINGO	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 13 OMEGA BAY SEC 2***DEFER	\$216,980
2018	726839	5515-0002-0015-001	GLAZER GEORGE H & VICTORIA G	No	15 N FLAMINGO	LA MARQUE, TX 77568	ABST 7 S C BUNDICK SUR LOT 15 (15-1) OMEGA BAY	\$431,550
2018	142717	5515-0002-0016-000	HARDICK CECIL PATRICK & AMANI	Yes	14 N FLAMINGO	LA MARQUE, TX 77568	ABST 7 S C BUNDICK SUR LOT 14 (16-0) OMEGA BAY	\$314,380
2018	502616	5515-0002-0016-001	REITZ ROBERTA J	No	16 N FLAMINGO	LA MARQUE, TX 77568	ABST 7 C BUNDICK SUR LOT 16 (16-1) OMEGA BAY	\$211,000
2018	142718	5515-0002-0017-000	SAILER CHARLES R & BETTY	Yes	17 N FLAMINGO	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 17 OMEGA BAY SEC 2 ***DEFER	\$199,530
2018	142719	5515-0002-0018-000	JOHNSON DOROTHY MARIE	Yes	18 N FLAMINGO	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 18 OMEGA BAY SEC 2	\$230,000
2018	142720	5515-0002-0019-000	HICHENS MARK H & ESTELLE C	Yes	19 N FLAMINGO	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 19 OMEGA BAY SEC 2	\$234,970
2018	142721	5515-0002-0020-000	VAIL MARK R & LAURA C	Yes	20 N FLAMINGO	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 20 OMEGA BAY SEC 2	\$253,840
2018	142722	5515-0002-0021-000	KELLEY BETTY M	Yes	21 N FLAMINGO	LA MARQUE, TX 77568	ABST 7 C BUNDICK SUR LOTS 21,39,& 40 OMEGA BAY	\$404,100
2018	142723	5515-0002-0022-000	TRIOLA ANTHONY S	Yes	22 N FLAMINGO	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 22 OMEGA BAY SEC 2	\$309,160
2018	142724	5515-0002-0023-000	GENOVESE ADRIENNE R	Yes	23 N FLAMINGO	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 23 OMEGA BAY SEC 2	\$304,660
2018	142726	5515-0002-0025-000	CARTER DAVID & IVALYNN	No	25 N FLAMINGO	LA MARQUE, TX 77568	ABST 7 S BUNDICK SUR LOTS 24 & 25 (25-0) OMEGA	\$239,770
2018	142727	5515-0002-0026-000	BARNES DANIEL C & DARLENE R	Yes	26 N FLAMINGO	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 26 OMEGA BAY SEC 2	\$330,000
2018	142728	5515-0002-0027-000	HUMPHREY LAQUITA JOY	Yes	27 N FLAMINGO	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 27 OMEGA BAY SEC 2	\$343,270
2018	142729	5515-0002-0028-000	FLYNN MICHAEL D & CYNTHIA A	Yes	28 N FLAMINGO	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 28 OMEGA BAY SEC 2	\$306,670
2018	142730	5515-0002-0029-000	JACOBS MARK A & JULIA	No	29 N FLAMINGO	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 29 OMEGA BAY SEC 2	\$212,260
2018	142731	5515-0002-0030-000	GREMILLION NORMAN & VALERIE	Yes	30 N FLAMINGO	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 30 OMEGA BAY SEC 2	\$265,170
2018	142732	5515-0002-0031-000	GREMILLION NORMAN & VALERIE	No			ABST 7 PAGE 4 N 1/2 OF LOT 31 OMEGA BAY SEC 2	\$19,040
2018	142733	5515-0002-0032-000	BARON DAVID R & SHARON L	Yes	32 N FLAMINGO	LA MARQUE, TX 77568	ABST 7 C BUNDICK SUR S 1/2 OF LOT 31 & LOT 32 O	\$261,430
2018	142734	5515-0002-0033-000	MASSEY DARIN & PAMELA	Yes	33 N FLAMINGO	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 33 OMEGA BAY SEC 2	\$355,000
2018	142735	5515-0002-0034-000	FARRELL SAM B III & CHERYL A	Yes	34 N FLAMINGO	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 34 OMEGA BAY SEC 2	\$182,000
2018	142736	5515-0002-0035-000	SIMMONS KENNETH &	No	35 N FLAMINGO	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 35 OMEGA BAY SEC 2	\$299,890
2018	142737	5515-0002-0036-000	BOURQUIN BRYAN RAY	No	36 N FLAMINGO	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 36 OMEGA BAY SEC 2	\$225,070
2018	142738	5515-0002-0037-000	BARROWS ROBERT L OR	No	37 N FLAMINGO	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 37 OMEGA BAY SEC 2	\$163,000
2018	142739	5515-0002-0038-000	SHINDLEDECKER SAMUEL	Yes	38 N FLAMINGO	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 38 OMEGA BAY SEC 2	\$188,480
2018	142742	5515-0003-0001-000	STAHLHEBER GARY D & TANNA M	No	1 S CURLEW	LA MARQUE, TX 77568	ABST 7 S C BUNDICK SUR LOT 1 OMEGA BAY SEC 3	\$42,130
2018	520681	5515-0003-0002-001	STAHLHEBER GARY D & TANNA M	No	2 S CURLEW	LA MARQUE, TX 77568	ABST 7 S C BUNDICK LOT 2 (2-1) OMEGA BAY SEC 3	\$209,980
2018	142744	5515-0003-0003-000	MOSBY KELLI E & ROY D	Yes	3 S CURLEW	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOTS 3 & 4 (3-1) OMEGA BAY SEC 3	\$230,000
2018	142746	5515-0003-0005-000	SOLER ALVIN & GINA	Yes	5 S CURLEW	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 5 OMEGA BAY SEC 3	\$350,000
2018	142747	5515-0003-0006-000	DEFATTA SAMMIE JR	Yes	6 S CURLEW	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 6 OMEGA BAY SEC 3	\$199,600

2018	142748	5515-0003-0007-000	JAQUA GYNELL	No		ABST 7 PAGE 4 LOT 7 OMEGA BAY SEC 3	\$32,910
2018	142750	5515-0003-0009-000	O'REILLY PETRIA P	No	9 S CURLEW LA MARQUE, TX 77568	ABST 7 C BUNDICK SUR LOTS 8 & 9 (9-0) OMEGA BA	\$320,000
2018	142751	5515-0003-0010-000	RUDD GLORIA	Yes	10 S CURLEW LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 10 OMEGA BAY SEC 3	\$299,300
2018	142752	5515-0003-0011-000	GARZA CARLOS JR & KAREM NAR	Yes	11 S CURLEW LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 11 OMEGA BAY SEC 3	\$224,840
2018	142753	5515-0003-0012-000	SCROGGINS DAVID T & PAULA M	No	12 S CURLEW LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 12 OMEGA BAY SEC 3	\$270,030
2018	142754	5515-0003-0013-000	EQUITY TRUST COMPANY CUSTOI	No	13 S CURLEW LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 13 OMEGA BAY SEC 3	\$171,950
2018	142755	5515-0003-0014-000	HERZOG VIRGIL V & MARIE V	Yes	14 S CURLEW LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 14 OMEGA BAY SEC 3	\$273,250
2018	142756	5515-0003-0015-000	MILLER RICHARD & VIVIAN	Yes	15 S CURLEW LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 15 OMEGA BAY SEC 3	\$258,380
2018	142757	5515-0003-0016-000	VENABLE JAMES & STACY	Yes	16 S CURLEW LA MARQUE, TX 77568	ABST 7 S C BUNDICK SUR TR A - 16 S CURLEW DR AK	\$320,840
2018	142759	5515-0003-0018-000	PUCSETTI RAYMOND JR &	Yes	18 S CURLEW LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 18 OMEGA BAY SEC 3	\$280,030
2018	142760	5515-0003-0019-000	COOK JAMES LEE & ALEIDA	No	19 S CURLEW LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 19 OMEGA BAY SEC 3	\$224,410
2018	142761	5515-0003-0020-000	LEDWELL JONAH M	Yes	20 S CURLEW LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 20 OMEGA BAY SEC 3	\$265,000
2018	142763	5515-0004-0001-002	MATTHEWS FAMILY TRUST	Yes	1A N CURLEW LA MARQUE, TX 77568	ABST 7 S C BUNDICK SUR LOT 1 & S 28 FT OF LOT 1	\$403,930 (405.032)
2018	504085	5515-0004-0002-000	PERTUIT RANDY J Sr	Yes	2 N CURLEW LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 2 OMEGA BAY SEC 4	\$236,140
2018	142764	5515-0004-0003-000	STELTZLEN JAMES EDWARD	Yes	3 N CURLEW LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 3 OMEGA BAY SEC 4	\$317,450
2018	142765	5515-0004-0004-000	RAMEY MELVIN JR & CASSANDRA	Yes	4 N CURLEW LA MARQUE, TX 77568	ABST 7 BUNDICK C SUR LOT 4 OMEGA BAY SEC 4	\$300,000
2018	142766	5515-0004-0005-000	HENLEY JAMES & MARGARET CRIE	Yes	5 N CURLEW LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 5 OMEGA BAY SEC 4	\$251,840
2018	142767	5515-0004-0006-000	KNOWLTON JOHN DAVID	Yes	6 N CURLEW LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 6 OMEGA BAY SEC 4	\$334,370
2018	142768	5515-0004-0007-000	GAGE ERIC W	Yes	8 N CURLEW LA MARQUE, TX 77568	ABST 7 S C BUNDICK LOT 8 (7-0) OMEGA BAY SEC 4	\$234,020
2018	518006	5515-0004-0007-001	O'CONNOR CLIFTON B & LAURA O	No	7 N CURLEW LA MARQUE, TX 77568	ABST 7 S C BUNDICK LOT 7 (7-1) OMEGA BAY SEC 4	\$315,920
2018	142769	5515-0004-0009-000	PREUIT LARRY N & PAMELA S	Yes	9 N CURLEW LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 9 OMEGA BAY SEC 4	\$244,630
2018	142770	5515-0004-0010-000	PREUIT LARRY N & PAMELA S	No	10 N CURLEW LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 10 OMEGA BAY SEC 4	\$38,070
2018	142771	5515-0004-0011-000	BISHOP MICHAEL R &	Yes	11 N CURLEW LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 11 OMEGA BAY SEC 4	\$283,900
2018	142772	5515-0004-0012-000	CLICK JACK	No	12 N CURLEW LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 12 OMEGA BAY SEC 4	\$205,000
2018	142773	5515-0004-0013-000	BERRY ALLISON M	Yes	13 N CURLEW LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 13 OMEGA BAY SEC 4	\$173,540
2018	142775	5515-0004-0015-000	COFFMAN BYRON Jr	Yes	15 N CURLEW LA MARQUE, TX 77568	ABST 7 C BUNDICK SUR LOTS 14 & 15 OMEGA BAY S	\$347,880
2018	142776	5515-0004-0016-000	HENGST CLAYTON Z & LINDA K	Yes	16 N CURLEW LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 16 OMEGA BAY SEC 4	\$340,730
2018	142777	5515-0004-0017-000	GEEGAN KEVIN R	No		ABST 7 PAGE 4 LOT 17 OMEGA BAY SEC 4	\$41,870
2018	142778	5515-0004-0018-000	SUMMEY JAMES R & CARMEN C	Yes	18 N CURLEW LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 18 OMEGA BAY SEC 4	\$304,510
2018	142779	5515-0004-0020-000	GARCIA GLEN WILLIAM	No	20 N CURLEW LA MARQUE, TX 77568	ABST 7 S C BUNDICK SUR LOTS 20 & 21 OMEGA BAY	\$368,130
2018	142781	5515-0004-0022-000	GARCIA GLEN WILLIAM	No		ABST 7 PAGE 4 LOT 22 OMEGA BAY SEC 4	\$38,070
2018	142782	5515-0004-0023-000	MEURIN CATHERINE & PATRICIA M	No	23 N CURLEW LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 23 OMEGA BAY SEC 4	\$228,200
2018	142783	5515-0004-0024-000	MICHETICH ROBERT A & FRANCES	Yes	24 N CURLEW LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 24 OMEGA BAY SEC 4	\$439,930
2018	142784	5515-0004-0025-000	TARRANT KENDALL & THERESA	Yes	25 N CURLEW LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 25 OMEGA BAY SEC 4	\$215,520

2018	142785	5515-0004-0026-000	KOVACEVICH DIANE P	Yes	26 N CURLEW LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 26 OMEGA BAY SEC 4	\$278,850
2018	142786	5515-0004-0027-000	RIDLEY CHRIS & BETH	No	27 N CURLEW LA MARQUE, TX 77568	ABST 7 C BUNDICK SUR LOTS 27 & N 1/2 LOT 28 OM	\$227,490
2018	142788	5515-0004-0029-000	WILKINSON DARREL G & COURT N	Yes	29 N CURLEW LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 29 & S 1/2 OF LOT 28 OMEGA B	\$220,770
2018	142789	5515-0004-0030-000	MONGOVEN THOMAS & ROBIN	No	30 N CURLEW LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 30 OMEGA BAY SEC 4	\$227,490
2018	142790	5515-0004-0031-000	TIPTON CECILIA R	Yes	31 N CURLEW LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 31 OMEGA BAY SEC 4	\$169,770
2018	142791	5515-0004-0032-000	HENGST CLAYTON & LINDA	No	32 N CURLEW LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 32 OMEGA BAY SEC 4	\$198,570
2018	142792	5515-0004-0033-000	CHISHOLM LOUIS D	Yes	33 N CURLEW LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 33 OMEGA BAY SEC 4	\$345,560
2018	142793	5515-0005-0001-000	TIKI SANDPIPER LLC	No	1 S SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 1 OMEGA BAY SEC 5	\$215,000
2018	142794	5515-0005-0002-000	MANER CAMILLE	Yes	2 S SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 2 OMEGA BAY SEC 5	\$194,360
2018	142795	5515-0005-0003-000	ZENDT JOHN & DEBORAH	No	3 S SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 3 OMEGA BAY SEC 5	\$167,890
2018	142796	5515-0005-0004-000	FUGLEBERG TONI M GLASCO	Yes	4 S SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 4 OMEGA BAY SEC 5	\$219,060
2018	142797	5515-0005-0005-000	TRUETTNER EVAN L & MARIAN	Yes	5 S SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 5 OMEGA BAY SEC 5	\$332,640
2018	142798	5515-0005-0006-000	DICKSON JAMES ERIC & JAMES	Yes	6 S SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 6 OMEGA BAY SEC 5	\$207,820
2018	142799	5515-0005-0007-000	STUBBS THERESA A	Yes	7 S SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 7 OMEGA BAY SEC 5	\$178,210
2018	142800	5515-0005-0008-000	FRENCH JERRY & RINDA K	Yes	8 S SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 8 OMEGA BAY SEC 5	\$288,670
2018	142801	5515-0005-0009-000	KEENER KEITH RODNEY & SHERIAI	Yes	9 S SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 9 OMEGA BAY SEC 5	\$370,000
2018	142802	5515-0005-0010-000	KAISER DEANA KAY & JASON WAY	Yes	10 S SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 10 OMEGA BAY SEC 5	\$232,230
2018	142803	5515-0005-0011-000	MELTON DARRON & ROBERTA K	Yes	11 S SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 11 OMEGA BAY SEC 5	\$344,380
2018	142804	5515-0005-0012-000	ORTEGA SHERI GOODING	No	12 S SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 12 OMEGA BAY SEC 5	\$193,350
2018	142805	5515-0005-0013-000	SCOTT TAD EVANS & KARI BETH	Yes	13 S SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 13 OMEGA BAY SEC 5	\$176,150
2018	142806	5515-0005-0014-000	WRIGHT JOHN DAVID & KAREN J	Yes	14 S SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 14 OMEGA BAY SEC 5	\$249,750
2018	142807	5515-0005-0015-000	LANE ROBERT C & FIONA	No	15 S SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 15 OMEGA BAY SEC 5	\$376,820
2018	142808	5515-0005-0016-000	CAYTEN PHILIP & ROXANNE	No	16 S SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 16 OMEGA BAY SEC 5	\$215,160
2018	142809	5515-0005-0017-000	CHANEY DON M II & LISA R	No	17 S SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 17 OMEGA BAY SEC 5	\$230,050
2018	142810	5515-0005-0018-000	SPIEGELHAUER JERRY A & KIM	Yes	18 S SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 18 OMEGA BAY SEC 5	\$373,260
2018	142811	5515-0006-0001-000	MAI DUSTIN M & JENNY	Yes	2 N SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOTS 1 & 2 (1-1) OMEGA BAY SEC 6	\$202,000
2018	142813	5515-0006-0003-000	TROSTMANN JANET K	Yes	3 N SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 3 OMEGA BAY SEC 6	\$183,560
2018	142814	5515-0006-0004-000	JONES CAROLE C	Yes	4 N SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 4 OMEGA BAY SEC 6	\$186,170
2018	142815	5515-0006-0005-000	KOVALCHIK JOSEPH A	Yes	5 N SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 5 OMEGA BAY SEC 6	\$207,280
2018	142816	5515-0006-0006-000	JONES GUY W	No	6 N SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 6 OMEGA BAY SEC 6	\$193,800
2018	142817	5515-0006-0007-000	ROBINSON STEPHANIE AND JOSE	No	7 N SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 7 OMEGA BAY SEC 6	\$240,940
2018	142818	5515-0006-0008-000	STAFFORD STEPHEN B SR &	Yes	8 N SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 8 OMEGA BAY SEC 6	\$178,770
2018	142819	5515-0006-0009-000	GALVAN CHRIS JR & ANGELA LAYN	No	9 N SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 9 OMEGA BAY SEC 6	\$240,600
2018	142820	5515-0006-0010-000	LOCKE HERBERT WAYNE	Yes	10 N SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 10 OMEGA BAY SEC 6	\$185,000

2018	142822	5515-0006-0012-000	BARBER FRANK S JR	Yes	12 N SANDPIPER LA MARQUE, TX 77568	ABST 7 C BUNDICK SUR LOTS 11 & 12 OMEGA BAY S	\$197,304
2018	142823	5515-0006-0013-000	VUONG ROBERT & HONG	No	13 N SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 13 OMEGA BAY SEC 6	\$187,990
2018	142824	5515-0006-0014-000	MULLIS JIM L & SUSAN	Yes	14 N SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 14 OMEGA BAY SEC 6	\$287,790
2018	142825	5515-0006-0015-000	JONES PATRICK C	No		ABST 7 PAGE 4 LOT 15 OMEGA BAY SEC 6	\$72,390
2018	142826	5515-0006-0016-000	ANDRISEK EDWARD & CINDY	Yes	16 N SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 16 & N PT OF LOT 17 (16-1) OM	\$200,000
2018	142827	5515-0006-0017-001	KAGE JEFFERY W Jr	Yes	17 N SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 S PT OF LOT 17 (17-1) OMEGA BAY S	\$347,790
2018	142828	5515-0006-0018-000	BROWN SHANNON	Yes	18 N SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 18 OMEGA BAY SEC 6	\$318,790
2018	142829	5515-0006-0019-000	COMLEY ROBERT L & NANCY J	Yes	19 N SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 19 OMEGA BAY SEC 6	\$305,090
2018	142830	5515-0006-0020-000	STEVENS ERIC & KATHRYN	Yes	20 N SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 20 OMEGA BAY SEC 6	\$208,430
2018	142831	5515-0006-0021-000	BARR THADDAEUS L & STACIE D	Yes	21 N SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 21 OMEGA BAY SEC 6	\$209,010
2018	142832	5515-0006-0022-000	CARROLL GERALD & STACEY	Yes	22 N SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 22 OMEGA BAY SEC 6	\$234,000
2018	142833	5515-0006-0023-000	POGUE DONALD & KIMBER POGU	Yes	23 N SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 23 OMEGA BAY SEC 6	\$205,720
2018	142834	5515-0006-0024-000	MATTES DOUGLAS A JR	Yes	24 N SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 24 OMEGA BAY SEC 6	\$222,570
2018	142835	5515-0006-0025-000	LEWIS JAMES E JR & LAURA L	Yes	25 N SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 25 OMEGA BAY SEC 6	\$334,500 (315,600)
2018	142836	5515-0006-0026-000	HERNANDEZ CARLOS V & NORA	Yes	26 N SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 26 OMEGA BAY SEC 6	\$202,000
2018	142837	5515-0006-0027-000	BENSON BRIAN M	No	27 N SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 27 OMEGA BAY SEC 6	\$247,740
2018	142838	5515-0006-0028-000	BULLER RICHARD W & CYNTHIA	Yes	28 N SANDPIPER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 28 OMEGA BAY SEC 6	\$290,000
2018	142839	5515-0007-0001-000	KUNDER MICHAEL & ELIZABETH	No	1 S SKIMMER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 1 OMEGA BAY SEC 7	\$173,390
2018	142840	5515-0007-0002-000	BROOKS GEORGE A JR & CALLA	Yes	2 S SKIMMER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 2 OMEGA BAY SEC 7	\$192,350
2018	142841	5515-0007-0003-000	BENTLEY SCOTT CHRISTOPHER	Yes	3 S SKIMMER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 3 OMEGA BAY SEC 7	\$227,500
2018	142842	5515-0007-0004-000	MCGHEE STEPHANIE	Yes	4 S SKIMMER LA MARQUE, TX 77568	ABST 7 C BUNDICK SUR LOTS 4 & 5 OMEGA BAY SEC	\$228,000
2018	142844	5515-0007-0006-000	DE LOS SANTOS JIMMY & PATRICI	No	6 S SKIMMER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 6 OMEGA BAY SEC 7	\$169,200
2018	142845	5515-0007-0007-000	HUSTON JOHN & MONA	Yes	7 S SKIMMER LA MARQUE, TX 77568	ABST 7 PAGE 7 LOTS 7 & 8 OMEGA BAY SEC 7	\$407,720
2018	142847	5515-0007-0011-000	MACK GRADY W	Yes	11 S SKIMMER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 11 & PT OF TENNIS COURT RESE	\$335,410
2018	142848	5515-0007-0012-000	BROZE JOSH & TARA	Yes	12 S SKIMMER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 12 OMEGA BAY SEC 7	\$172,870
2018	142849	5515-0007-0013-001	HUSTON CRAIG D SR & MICHELLE	Yes	13 S SKIMMER LA MARQUE, TX 77568	ABST 7 PAGE 4 S 60 FT OF LOT 13 (13-1) OMEGA BA	\$244,520
2018	142850	5515-0007-0014-000	HORCICA ALLEN J	Yes	14 S SKIMMER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 14 & N PT OF LOT 13 (14-1) OM	\$300,000
2018	142853	5515-0008-0002-000	KLEIN DEBRA & FRANK	Yes	2 N SKIMMER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOTS 1 & 2 & N 25 FT OF LOT 3 (2-1)	\$487,230
2018	142854	5515-0008-0003-001	GOMEZ MARGARET	Yes	4 N SKIMMER LA MARQUE, TX 77568	ABST 7 PAGE 4 S 25 FT OF LOT 3 & N 40 FT OF LOT 4	\$255,500
2018	142855	5515-0008-0004-000	RODRIGUEZ JESSE & MARY	No	5 N SKIMMER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 5 & S 10 FT OF LOT 4 (4-1) OME	\$197,400
2018	142856	5515-0008-0006-000	GONZALEZ NICHOLAS JOSEPH	Yes	6 N SKIMMER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 6 OMEGA BAY SEC 8	\$252,200
2018	142857	5515-0008-0007-000	REED LUCKEY & TERESA	Yes	7 N SKIMMER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 7 OMEGA BAY SEC 8	\$201,930
2018	142858	5515-0008-0008-000	SULLIVAN STEPHEN MUREAL	Yes	8 N SKIMMER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 8 OMEGA BAY SEC 8	\$237,380
2018	142859	5515-0008-0009-000	VICE DAVID & DEANN	Yes	9 N SKIMMER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 9 OMEGA BAY SEC 8	\$247,210

2018	142860	5515-0008-0010-000	DELEON ROBERTO & CYNTHIA A	Yes	10 N SKIMMER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 10 OMEGA BAY SEC 8	\$188,990
2018	142861	5515-0008-0011-000	PETTY LILLIAN	Yes	11 N SKIMMER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 11 OMEGA BAY SEC 8	\$339,782
2018	510719	5515-0008-0012-001	KELLEY PATRICK MICHAEL	No	12 N SKIMMER LA MARQUE, TX 77568	ABST 7 C BUNDICK SUR LOT 12 & N 12 FT OF LOT 13	\$435,480
2018	142863	5515-0008-0013-000	LIPPENS CHONG	No	13 N SKIMMER LA MARQUE, TX 77568	ABST 7 C BUNDICK SUR LOT 14 & S 63 FT OF 13 (13-	\$243,670
2018	142866	5515-0008-0015-000	FRY BENNY	Yes	15 N SKIMMER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 15 OMEGA BAY SEC 8	\$190,570
2018	142868	5515-0008-0017-000	VINCENT BRENT C & SHERRY D	Yes	17 N SKIMMER LA MARQUE, TX 77568	ABST 7 LOT 16 & 17 OMEGA BAY SEC 8	\$296,410
2018	142869	5515-0008-0018-000	HUEBEL CHARLOTTE	No	18 N SKIMMER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 18 OMEGA BAY SEC 8	\$262,680
2018	142870	5515-0008-0019-000	MACHNER CHARLES &	Yes	19 N SKIMMER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 19 OMEGA BAY SEC 8	\$286,700
2018	142871	5515-0008-0020-000	RISCHAN KEITH M	Yes	20 N SKIMMER LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 20 OMEGA BAY SEC 8	\$222,000
2018	142939	5515-0009-0001-000	MORGAN RICK & BROOK	Yes	1 S REDWING LA MARQUE, TX 77568	ABST 7 S BUNDICK SUR LOTS 1 & 2 OMEGA BAY SEC	\$495,430
2018	142942	5515-0009-0004-000	SCATES MARSHA LEE &	Yes	4 S REDWING LA MARQUE, TX 77568	ABST 7 PAGE 4 LOTS 3 & 4 OMEGA BAY SEC 9	\$362,320
2018	142943	5515-0009-0005-000	HATZ CREIGHTON M &	No	5 S REDWING LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 5 OMEGA BAY SEC 9	\$206,480
2018	142944	5515-0009-0006-000	HATZ LEONA A	No	6 S REDWING LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 6 OMEGA BAY SEC 9	\$239,880
2018	142945	5515-0009-0007-000	CORNELIUS ROBIN	No	7 S REDWING LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 7 OMEGA BAY SEC 9	\$260,040
2018	142946	5515-0009-0008-000	SCATES MARSHA LEE &	No		ABST 7 PAGE 4 LOT 8 OMEGA BAY SEC 9	\$68,550
2018	142872	5515-0010-0001-000	SHIPLEY THOMAS & PATRICIA	Yes	1 N PELICAN LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 1 OMEGA BAY SEC 10***DEFER	\$300,260
2018	142873	5515-0010-0002-000	(CO) SCHILTER GEORGE	Yes	2 N PELICAN LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 2 OMEGA BAY SEC 10	\$206,490
2018	142874	5515-0010-0003-000	BENNATT LISA	Yes	3 N PELICAN LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 3 OMEGA BAY SEC 10	\$165,000
2018	142875	5515-0010-0004-000	PERTHUIS BRITNIE JEAN & JAMES	Yes	4 N PELICAN LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 4 OMEGA BAY SEC 10	\$245,120
2018	142876	5515-0010-0005-000	RODRIGUEZ PEDRO ARISTIDES	No	5 N PELICAN LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 5 OMEGA BAY SEC 10	\$234,150
2018	142877	5515-0010-0006-000	PAR 19 LLC	No		ABST 7 PAGE 4 N 60 FT OF LOT 6 (6-1) OMEGA BAY	\$30,000
2018	142878	5515-0010-0007-000	ABBONDOLA CRAIG & THERESA	Yes	7 N PELICAN LA MARQUE, TX 77568	ABST 7 SC BUNDICK SUR LOTS 7 & S 15 FT OF LOT 6	\$257,730
2018	142879	5515-0010-0008-000	MCLAIN CLEVELAND & AGNES	Yes	8 N PELICAN LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 8 OMEGA BAY SEC 10	\$263,660
2018	142880	5515-0010-0009-000	SMITH DOUGLAS	Yes	9 N PELICAN LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 9 OMEGA BAY SEC 10	\$220,000
2018	142881	5515-0010-0010-000	DONOVAN ROBERT W & KATY S	Yes	10 N PELICAN LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 10 OMEGA BAY SEC 10	\$213,050
2018	142882	5515-0010-0011-000	CAMBIANO ROBERT F & SUE	Yes	11 N PELICAN LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 11 OMEGA BAY SEC 10	\$224,490
2018	608734	5515-0010-0012-000	COLLINS GREG A	No	13 N PELICAN LA MARQUE, TX 77568	ABST 7 SC BUNDICK SUR LOTS 12 & 13 OMEGA BAY	\$360,900
2018	142947	5515-0011-0001-000	WATERS ALAN L & YOLANDA N	Yes	1 S PINTAIL LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 1 OMEGA BAY SEC 11	\$580,990
2018	142948	5515-0011-0002-000	SMITH JAMES CARLISLE & MELAN	Yes	2 S PINTAIL LA MARQUE, TX 77568	ABST 7 S BUNDICK SUR LOTS 2 & 3 OMEGA BAY SEC	\$475,000
2018	142950	5515-0011-0004-000	NGUYEN HOLLY TRANG	No	4 S PINTAIL LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 4 OMEGA BAY SEC 11	\$359,200
2018	142951	5515-0011-0005-000	AGNEW MICHAEL G & PATRICIA	Yes	5 S PINTAIL LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 5 OMEGA BAY SEC 11	\$390,000
2018	142952	5515-0012-0001-000	MAZZOLA JACK	No	1 N REDWING LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 1 OMEGA BAY SEC 12	\$80,000
2018	142953	5515-0012-0002-000	REYES CESAR & PATRICIA	No	2 N REDWING LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 2 OMEGA BAY SEC 12	\$34,040
2018	142954	5515-0012-0003-000	MCCALL TIMOTHY	Yes	3 N REDWING LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 3 OMEGA BAY SEC 12	\$325,800

2018	142955	5515-0012-0004-000	PINKSTON JOHN R & CARRIE A	Yes	4 N REDWING	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 4 OMEGA BAY SEC 12	\$290,970
2018	142956	5515-0012-0005-000	BARTON PRESTON H III &	Yes	5 N REDWING	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 5 OMEGA BAY SEC 12	\$285,300
2018	142957	5515-0012-0006-000	LINDQUESTER JERRY K & LAURIE A	Yes	6 N REDWING	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 6 OMEGA BAY SEC 12	\$282,090
2018	142958	5515-0014-0001-000	PATRICK FREDERICK & MARY A	Yes	1 N PINTAIL	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 1 OMEGA BAY SEC 14	\$353,000
2018	142959	5515-0014-0002-000	BIEDERMANN ALLEN J & CONNIE I	Yes	2 N PINTAIL	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 2 OMEGA BAY SEC 14	\$278,690
2018	142960	5515-0014-0003-000	DISPENSA THOMAS A & ZINA I	Yes	3 N PINTAIL	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 3 OMEGA BAY SEC 14	\$206,000
2018	142961	5515-0014-0004-000	TURNER KELLY L & JEFFERY LANEY	Yes	4 N PINTAIL	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 4 OMEGA BAY SEC 14	\$336,130
2018	142962	5515-0014-0005-000	PATTON JERRY C & JANET S	Yes	5 N PINTAIL	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 5 OMEGA BAY SEC 14	\$303,000
2018	142963	5515-0014-0006-000	ANDERSON PENNY T	Yes	6 N PINTAIL	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 6 OMEGA BAY SEC 14	\$240,000
2018	142964	5515-0014-0007-000	EASTLAND DAVID MARVIN & SUSAN	Yes	7 N PINTAIL	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 7 OMEGA BAY SEC 14	\$430,650
2018	142965	5515-0014-0008-000	LIMITONE ANTHONY & ELLEN	No	8 N PINTAIL	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 8 OMEGA BAY SEC 14	\$272,070
2018	142994	5516-0000-0000-004	OMEGA BAY IMPROVEMENT COM	No			ABST 7 PAGE 4 RESERVE TRACT (0-4) OMEGA BAY	\$100
2018	142886	5516-0001-0001-000	KELLY IMELDA C	No	1 S WHITE HERON	LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 1 OMEGA BAY SEC A	\$281,760
2018	411252	5516-0001-0002-001	KELLY TIMOTHY L & IMELDA C	No			ABST 7 C BUNDICK SUR S 1/2 LOT 2 (2-1) OMEGA BAY	\$33,040
2018	142888	5516-0001-0003-000	BURNHAM ROBERT B	Yes	3 S WHITE HERON	LA MARQUE, TX 77568	ABST 7 C BUNDICK SUR N 1/2 LOT 2 & ALL LOT 3 ON	\$263,440
2018	142889	5516-0001-0004-000	ROMAN GLORIA	Yes	4 S WHITE HERON	LA MARQUE, TX 77568	ABST 7 BUNDICK C SUR LOT 4 OMEGA BAY SEC A	\$275,000
2018	142890	5516-0001-0005-000	WHITEHEAD KERRY & FRANCIS	Yes	5 S WHITE HERON	LA MARQUE, TX 77568	ABST 7 PAGE 4 & ABST 640 S 70 FT OF LOT 5 (5-2) O	\$325,150
2018	142891	5516-0001-0006-000	CAVARRETTA VINCENT J JR & KIM	Yes	6 S WHITE HERON	LA MARQUE, TX 77568	ABST 7 PAGE 4 & ABST 640 N 5 FT OF LOT 5 & S 70 I	\$298,260
2018	309011	5516-0001-0006-001	HOWARD KIRK E & TERRY A	Yes	7 S WHITE HERON	LA MARQUE, TX 77568	ABST 7 PAGE 4 ABST 640 N 5FT OF LOT 6 & S 65FT C	\$219,740
2018	142893	5516-0001-0008-000	CLEMMONS ROBIN	Yes	8 S WHITE HERON	LA MARQUE, TX 77568	ABST 7 PAGE 4 & ABST 640 N 10 OF LOT 7 & ALL OF	\$450,000
2018	142894	5516-0002-0001-000	GRAYSON YVONNE	Yes	1 N WHITE HERON	LA MARQUE, TX 77568	ABST 7 PAGE 4 & ABST 640 LOT 1 OMEGA BAY SEC I	\$310,010
2018	142895	5516-0002-0002-000	MUNTZEL JAMES & CARON	Yes	2 N WHITE HERON	LA MARQUE, TX 77568	ABST 7 PAGE 4 & ABST 640 LOT 2 OMEGA BAY SEC I	\$235,660
2018	142896	5516-0002-0003-000	JOSEPH F MESSINA IRREVOCABLE	No			ABST 7 PAGE 4 & ABST 640 LOT 3 OMEGA BAY SEC I	\$53,870
2018	142897	5516-0002-0004-000	JOSEPH F MESSINA IRREVOCABLE	No	4 N WHITE HERON	LA MARQUE, TX 77568	ABST 7 PAGE 4 & ABST 640 LOT 4 OMEGA BAY SEC I	\$209,680
2018	142898	5516-0002-0005-000	JOSEPH F MESSINA IRREVOCABLE	No			ABST 7 PAGE 4 & ABST 640 LOT 5 OMEGA BAY SEC I	\$64,640
2018	142899	5516-0002-0006-000	CANE DONALD J	Yes	6 N WHITE HERON	LA MARQUE, TX 77568	ABST 7 PAGE 4 & ABST 640 LOT 6 OMEGA BAY SEC I	\$229,320
2018	142900	5516-0002-0007-000	SCARBERRY CHARLES D & PAMELA	Yes	7 N WHITE HERON	LA MARQUE, TX 77568	ABST 7 PAGE 4 & ABST 640 LOT 7 OMEGA BAY SEC I	\$290,600
2018	142901	5516-0002-0008-000	CARNER JAMES G & SARAH A	Yes	8 N WHITE HERON	LA MARQUE, TX 77568	ABST 7 PAGE 4 & ABST 640 LOT 8 OMEGA BAY SEC I	\$217,890
2018	142902	5516-0002-0009-000	NALEWAK LAWRENCE E & ANNA L	Yes	9 N WHITE HERON	LA MARQUE, TX 77568	ABST 7 PAGE 4 & ABST 640 LOT 9 OMEGA BAY SEC I	\$253,160 (217448)
2018	142904	5516-0002-0011-000	FRNKA JIMMIE JOHN	Yes	11 N WHITE HERON	LA MARQUE, TX 77568	ABST 7 S BUNDICK SUR LOTS 10,11 & N 1/2 LOT 12	\$344,914
2018	142905	5516-0002-0012-000	PINSON SYLVIA J	Yes	14 N WHITE HERON	LA MARQUE, TX 77568	ABST 7 PAGE 4 & ABST 640 S 1/2 OF LOT 12 (12-0) &	\$210,000
2018	142908	5516-0002-0015-000	HOLTKE MICHAEL DEAN	Yes	15 N WHITE HERON	LA MARQUE, TX 77568	ABST 7 PAGE 4 & ABST 640 LOT 15 OMEGA BAY SEC	\$225,500
2018	142909	5516-0002-0016-000	FRITZ JAMES L & SHERRY	Yes	16 N WHITE HERON	LA MARQUE, TX 77568	ABST 7 PAGE 4 & ABST 640 LOT 16 OMEGA BAY SEC	\$305,320
2018	142910	5516-0002-0017-000	FLEMING STEPHEN H	Yes	17 N WHITE HERON	LA MARQUE, TX 77568	ABST 7 PAGE 4 & ABST 640 LOT 17 OMEGA BAY SEC	\$246,160

2018	142911	5516-0002-0018-000	CAPPS KENNETH ANDREW	Yes	18 N WHITE HERON LA MARQUE, TX 77568	ABST 7 PAGE 4 & ABST 640 LOT 18 OMEGA BAY SEC	\$230,000
2018	142912	5516-0002-0019-000	ROWLEY MICHAEL E & COREEN	No	19 N WHITE HERON LA MARQUE, TX 77568	ABST 7 PAGE 4 & ABST 640 LOT 19 OMEGA BAY SEC	\$242,520
2018	142913	5516-0002-0020-000	TYLER KATHLEEN & DAVID	Yes	20 N WHITE HERON LA MARQUE, TX 77568	ABST 7 PAGE 4 & ABST 640 LOT 20 OMEGA BAY SEC	\$258,340
2018	142914	5516-0003-0001-000	TRAYLOR DANNY ANDREW & ROBERT	Yes	1 N OMEGA DR LA MARQUE, TX 77568	ABST 7 PAGE 4 & ABST 640 LOT 1 OMEGA BAY SEC C	\$356,080
2018	142916	5516-0003-0003-000	WATKINS BRADLEY & STEPHANIE	Yes	3 N OMEGA DR LA MARQUE, TX 77568	ABST 7 LOTS 2 & 3 OMEGA BAY SEC C	\$408,810
2018	142917	5516-0003-0004-000	REISER WILLIAM K	Yes	4 N OMEGA DR LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 4 OMEGA BAY SEC C	\$379,190
2018	389017	5516-0003-0005-001	DORECK JOHN M JR & KIMBERLY J	Yes	5 N OMEGA DR LA MARQUE, TX 77568	ABST 7 C BUNDICK SUR LOTS 5 & 6 (5-1) OMEGA BAY SEC C	\$405,000
2018	142920	5516-0003-0007-000	SHIPLEY GARVIN H Jr	Yes	7 N OMEGA DR LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 7 OMEGA BAY SEC C	\$308,850
2018	142921	5516-0003-0008-000	HARGRAVES SCOTT ELLIS	Yes	8 N OMEGA DR LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 8 OMEGA BAY SEC C	\$245,680
2018	142922	5516-0003-0009-000	HEBERT KAREN CECILE & EDWARD	Yes	9 N OMEGA DR LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 9 OMEGA BAY SEC C	\$288,440
2018	142923	5516-0003-0010-000	RESENDEZ JOEY	Yes	10 N OMEGA DR LA MARQUE, TX 77568	ABST 7 PAGE 4 LOTS 10 & 11 OMEGA BAY SEC C	\$358,130
2018	142925	5516-0003-0012-000	SHARP GEORGIA CATHERINE & NEAL	Yes	12 N OMEGA DR LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 12 OMEGA BAY SEC C	\$254,740 (258,000)
2018	142926	5516-0003-0013-000	MOULD PAUL & REBECCA	Yes	1 N CURLEW LA MARQUE, TX 77568	ABST 7 S C BUNDICK SUR LOT 13 & N 22FT OF LOT 1	\$382,520
2018	142927	5516-0003-0014-000	THE WILLIAM L SELPH REVOCABLE TRUST	No	14 N OMEGA DR LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 14 OMEGA BAY SEC C	\$195,260
2018	142928	5516-0003-0015-000	WRIGHT WILLIAM J	Yes	15 N OMEGA DR LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 15 OMEGA BAY SEC C	\$211,610
2018	142929	5516-0003-0016-000	SSN INVESTMENTS LLC	No	16 N OMEGA DR LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 16 OMEGA BAY SEC C	\$240,000
2018	142930	5516-0003-0017-000	CZEREWATY BRIAN P	Yes	17 N OMEGA DR LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 17 OMEGA BAY SEC C	\$210,940
2018	142931	5516-0003-0018-000	SADLER MICHAEL RAY	Yes	18 N OMEGA DR LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 18 OMEGA BAY SEC C	\$282,000
2018	142932	5516-0003-0019-000	WEST PAMELA A	No	19 N OMEGA DR LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 19 OMEGA BAY SEC C	\$210,360
2018	142933	5516-0003-0020-000	MYERS JEFFREY D	No	20 N OMEGA DR LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 20 OMEGA BAY SEC C	\$270,650
2018	142934	5516-0003-0021-000	OKEEFE DEREK C & JENNIFER	No	21 N OMEGA DR LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 21 OMEGA BAY SEC C	\$221,580
2018	142935	5516-0003-0022-000	MOORE MALCOLM E	Yes	22 N OMEGA DR LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 22 OMEGA BAY SEC C	\$254,630
2018	142936	5516-0003-0023-000	MURPHY JOE	Yes	23 N OMEGA DR LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 23 OMEGA BAY SEC C	\$248,250
2018	142937	5516-0003-0024-000	NELSON DARRIN & ANGELA	Yes	24 N OMEGA DR LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 24 OMEGA BAY SEC C	\$250,910
2018	142938	5516-0003-0025-000	TANG TOAN THIEN	Yes	25 N OMEGA DR LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 25 OMEGA BAY SEC C	\$245,410
2018	142966	5516-0004-0026-000	HOMMINGA MICHELLE B & RICHARD	No		ABST 7 PAGE 4 LOT 26 OMEGA BAY SEC D	\$70,660
2018	368858	5516-0004-0026-001	OMEGA BAY IMPROVEMENT CO INC	No		ABST 7 PAGE 4 PT OF LOT 26 (26-1) OMEGA BAY SEC D	\$100
2018	142967	5516-0004-0027-000	HOMMINGA MICHELLE B & RICHARD	No		ABST 7 PAGE 4 LOT 27 OMEGA BAY SEC D	\$67,120
2018	142968	5516-0004-0028-000	HOMMINGA MICHELLE B & RICHARD	Yes	28 N OMEGA DR LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 28 OMEGA BAY SEC D	\$429,160
2018	142969	5516-0004-0029-000	MALCHAR JOSEPH A & CHRISTINA	Yes	29 N OMEGA DR LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 29 OMEGA BAY SEC D	\$376,330 (280,000)
2018	142971	5516-0004-0031-000	MEGALE GWENDOLYN A & MICHAEL	Yes	31 N OMEGA DR LA MARQUE, TX 77568	ABST 7 LOTS 30 & 31 OMEGA BAY SEC D	\$240,000
2018	142972	5516-0005-0032-000	BROCK TOMMY GENE & LISA ANN	Yes	32 N OMEGA DR LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 32 OMEGA BAY SEC E	\$265,520
2018	142973	5516-0005-0033-000	CASSIMUS ANASTOSIOS SPIRO	Yes	33 N OMEGA DR LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 33 OMEGA BAY SEC E	\$236,010
2018	142974	5516-0005-0034-000	MARTINEZ ERIK	Yes	34 N OMEGA DR LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 34 OMEGA BAY SEC E	\$225,010

2018	142975	5516-0005-0035-000	ANCHORED WEALTH INVESTMENT	No	35 N OMEGA DR LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 35 OMEGA BAY SEC E	\$228,000
2018	142976	5516-0005-0036-000	MORTON CHRISTOPHER S &	Yes	36 N OMEGA DR LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 36 OMEGA BAY SEC E	\$287,570
2018	142977	5516-0005-0037-000	MEGALE ROBERT V & SARAH C	Yes	37 N OMEGA DR LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 37 OMEGA BAY SEC E	\$230,000
2018	142978	5516-0005-0038-000	ANNALORA MICHAEL R	Yes	38 N OMEGA DR LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 38 OMEGA BAY SEC E	\$262,730
2018	142979	5516-0006-0039-000	ABERCIA JACK F SR & JACQUE	No	39 N OMEGA DR LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 39 OMEGA BAY SEC F	\$363,380
2018	142980	5516-0006-0040-000	GILL BRUCE E & MARY A	Yes	40 N OMEGA DR LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 40 OMEGA BAY SEC F	\$287,610
2018	142981	5516-0006-0041-000	ESTES MICHAEL & SALEICE	Yes	41 N OMEGA DR LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 41 OMEGA BAY SEC F	\$272,440
2018	142982	5516-0006-0042-000	CHANG ALBERT S & SHARON M	No	42 N OMEGA DR LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 42 OMEGA BAY SEC F	\$343,300
2018	142983	5516-0006-0043-000	EPPINETTE DONALD L & MARTHA	Yes	43 N OMEGA DR LA MARQUE, TX 77568	ABS T7 PAGE 4 LOT 43 OMEGA BAY SEC F	\$218,050
2018	142984	5516-0007-0044-000	RIDDELL BEVERLY T & JAMES S RIE	Yes	44 N OMEGA DR LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 44 OMEGA BAY SEC G	\$318,800
2018	142985	5516-0007-0045-000	ELLIOTT STEPHEN D & MARI	Yes	45 N OMEGA DR LA MARQUE, TX 77568	ABST 7 PAGE 4 LOT 45 OMEGA BAY SEC G	\$220,630
2018	142986	5516-0007-0046-000	DESORMEAUX REGGIE J & LAURET	Yes	46 N OMEGA DR LA MARQUE, TX 77568	ABST 7 C BUNDICK SUR LOT 46 & PT LOT 47 OMEGA	\$359,980
2018	142988	5516-0007-0048-000	BOUDOIN DOUGLAS & CATHERINI	Yes	48 N OMEGA DR LA MARQUE, TX 77568	ABST 7 C BUNDICK SUR PT OF LOT 47 & LOT 48 LESS	\$275,260
2018	142989	5516-0007-0049-000	PIERCE WILLIAM C	Yes	49 N OMEGA DR LA MARQUE, TX 77568	ABST 7 C BUNDICK SUR LOT 49 & SW 10FT LOT 48 C	\$262,000
2018	142990	5516-0007-0050-000	HAMEL JACK D	Yes	50 N OMEGA DR LA MARQUE, TX 77568	ABST 7 C BUNDICK SUR LOT 50 & NE 42.5FT LOT 51	\$370,000
2018	142992	5516-0007-0052-000	CLARKE ALBERT JOHN & REBECCA	Yes	52 N OMEGA DR LA MARQUE, TX 77568	ABST 7 C BUNDICK SUR SW 12.5FT LOT 51, & NE 41.	\$305,010
2018	408215	5516-0007-0052-001	BURLING BRETT & CANDI	No		ABST 7 C BUNDICK SUR W 13.75FT LOT 52 (52-1) &	\$53,920
2018	142993	5516-0007-0053-000	OMEGA BAY IMPROVEMENT COM	No		ABST 7 C BUNDICK W PT LOT 53 OMEGA BAY SEC G	\$100
2018	397178	5516-0007-0053-003	GROVE PATTY L	Yes	53A N OMEGA DR LA MARQUE, TX 77568	BUNDICK SUR PT OF LOT 53 OMEGA BAY SEC G (53-	\$323,000

\$71,283,550

SOURCE: Galveston County Appraisal District
Date: November 21, 2018

Total:
39,156,166

001 Announcements

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006 Legal Notices

NOTICE OF PUBLIC HEARING FOR THE CREATION OF TAX INCREMENT REINVESTMENT ZONE NUMBER ONE, CITY OF LA MARQUE, TEXAS UNDER CHAPTER 311, TEXAS TAX CODE

Notice is hereby given that the City Council of the City of La Marque will hold a public hearing on January 14, 2019, beginning at 6:00 p.m. at the City of La Marque Council Chambers, 1111 Bayou Road, La Marque, Texas 77568, on the creation of Tax Increment Reinvestment Zone Number One, City of La Marque, Texas (the "Zone") under the provisions of Chapter 311 of the Texas Tax Code and the benefits of the Zone to the City and the property in the Zone. The general impact of the proposed Zone will be to increase the value of taxable properties through the construction of new public and private improvements.

At the hearing, any interested person may speak for or against the creation of the Zone, its proposed boundaries or the concept of tax increment financing. Owners of property in the proposed Zone will be given a reasonable opportunity to protest the inclusion of their property in the Zone. Copies of the legal description of the property to be included in the Zone and drawings of the proposed Zone are available at the City Secretary's office at City Hall.

Robin Eldridge, TRMC
City Clerk

Published: December 14, 2018
00464810

006 Legal Notices

ORDINANCE NUMBER 921-2018

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF DICKINSON, TEXAS, AFFECTING PARTICIPATION OF CITY EMPLOYEES IN THE TEXAS MUNICIPAL RETIREMENT SYSTEM; GRANTING THE ADDITIONAL RIGHTS, CREDITS AND BENEFITS AUTHORIZED BY SECTIONS 852.205 OF TITLE B, GOVERNMENT CODE, AS AMENDED; PROVIDING FOR THE INCORPORATION OF PREMISES; AND PROVIDING AN EFFECTIVE DATE.

DULY PASSED AND APPROVED on first reading this the 13th day of November 2018.

DULY PASSED AND APPROVED on second reading this 11th day of December, 2018.
(Third Reading Suspended)

/S/ Julie Masters, Mayor
City of Dickinson, Texas

ATTEST:
/S/ Alun W. Thomas, City Secretary
City of Dickinson, Texas

APPROVED AS TO FORM AND CONTENT:
/S/ David W. Olson, City Attorney
City of Dickinson, Texas

A full copy of Ordinance 921-2018 is on file in the Dickinson City Secretary's Office and can be obtained by contacting Alun W. Thomas at 281-337-6217 or by email at athomas@ci.dickinson.tx.us

Published: December 14, 2018
00464814

001 Announcements

006 Legal Notices

**ORDINANCE NUMBER 920-2018
(Zoning Case SUP-18-1830)**

AN ORDINANCE OF THE CITY OF DICKINSON, TEXAS, AMENDING THE COMPREHENSIVE ZONING ORDINANCE OF THE CITY, ORDINANCE NUMBER 420-2001, AS HERETOFORE AMENDED, TO GRANT SPECIFIC USE PERMIT NUMBER SUP-18-1830 ALLOWING THE APPLICANT TO USE THE PROPERTY FOR A CHURCH; LOCATED AT 3720 SPRUCE DRIVE IN THE CITY OF DICKINSON, GALVESTON COUNTY, TEXAS, PRESENTLY ZONED INTERSTATE COMMERCIAL ("IC"); PROVIDING FOR THE INCORPORATION OF PREAMBLE; DIRECTING A CHANGE ACCORDINGLY IN THE OFFICIAL ZONING MAP OF THE CITY; PROVIDING A PENALTY OF AN AMOUNT NOT TO EXCEED \$2,000 FOR EACH DAY OF VIOLATION HEREOF; AND PROVIDING A REPEALER CLAUSE, A SAVINGS CLAUSE, A SEVERABILITY CLAUSE AND AN EFFECTIVE DATE.

DULY PASSED AND APPROVED on first reading this the 23rd day of October, 2018.

DULY PASSED AND APPROVED on second reading this the 13th day of November, 2018.
(Third Reading Suspended)

/S/ Julie Masters, Mayor
City of Dickinson, Texas

ATTEST:
/S/ Alun W. Thomas, City Secretary
City of Dickinson, Texas

APPROVED AS TO FORM AND CONTENT:
/S/ David W. Olson, City Attorney
City of Dickinson, Texas

A full copy of Ordinance 920-2018 is on file in the Dickinson City Secretary's Office and can be obtained by contacting Alun W. Thomas at 281-337-6217 or by email at athomas@ci.dickinson.tx.us

Published: December 14, 2018
00464815

006 Legal Notices

ORDINANCE NUMBER 922-2018

AN ORDINANCE OF THE CITY OF DICKINSON, TEXAS, DELETING SUBSECTION (f), SCHOOL ZONES, OF SECTION 10-3, TRAFFIC-CONTROL DEVICES, OF CHAPTER 10, MOTOR VEHICLES AND TRAFFIC, OF THE CITY OF DICKINSON CODE OF ORDINANCES AND ADOPTING A NEW SUBSECTION (f), SCHOOL ZONES; PROVIDING FOR THE INCORPORATION OF PREAMBLE; PROVIDING FOR A PENALTY NOT TO EXCEED \$200 FOR EACH VIOLATION; AND PROVIDING A REPEALER CLAUSE, A SAVINGS CLAUSE, A SEVERABILITY CLAUSE, AND AN EFFECTIVE DATE.

DULY PASSED AND APPROVED on first reading this the 13th day of November 2018.

DULY PASSED AND APPROVED on second reading this 11th day of December, 2018.
(Third Reading Suspended)

/S/ Julie Masters, Mayor
City of Dickinson, Texas

ATTEST:
/S/ Alun W. Thomas, City Secretary
City of Dickinson, Texas

APPROVED AS TO FORM AND CONTENT:
/S/ David W. Olson, City Attorney
City of Dickinson, Texas

A full copy of Ordinance 922-2018 is on file in the Dickinson City Secretary's Office and can be obtained by contacting Alun W. Thomas at 281-337-6217 or by email at athomas@ci.dickinson.tx.us

Published: December 14, 2018
00464813

006 Legal Notices

NOTICE TO ALL PERSONS HAVING CLAIMS AGAINST THE ESTATE OF LESLIE CAMERON, a/k/a CAMERON, DECEASED.

Notice is hereby given that original Letter Testamentary for the ESTATE OF LESLIE CAMERON, a/k/a L. F. CAMERON, deceased, were issued November 29, 2018 Cause Number 0079096 pending Probate and County Court of Galveston County, Texas to Ann Cameron, who appointed Independent Administratrix with annexed of the above estate. All persons having claims against this estate which is currently administered are required to present within the time and manner prescribed by law.

The post office address the Estate to which should be submitted.

ESTATE OF LESLIE CAMERON, a/k/a CAMERON, DECEASED, c/o Michael B. Hu Attorney at Law P. O. Box 629 Galveston, Texas 77550

Dated the 13th day of December, 2018

Published: December 14, 2018
00464817

TO ALL PERSONS INTERESTED IN THE ESTATE OF ROGER CARLETON WOOD, DECEASED, NO. PR-0079162, in Probate Court of Galveston County

Kent Jackson Wood Mary Catherine Wood A/K/A Mary C. Wood applicants in the above numbered and entitled estate filed an Application to Determine Heirs and Declare who are Unknown Heirs and Their Heirs Suffering from a Disability of the said ESTATE OF ROGER CARLETON WOOD, DECEASED and their respective shares and interests in the estate. Said application may

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CITY COUNCIL AGENDA FORM

Meeting Date: January 14, 2019

Prepared by: Charlene Warren

Department: Administration

Agenda item: 9e

Reviewed by: Charlene Warren

AGENDA ITEM DESCRIPTION: Discussion/possible action regarding adopting Ordinance No. O-2019-003, adopting and imposing impact fees. THIS IS THE FIRST READING

☒

ATTACHMENTS FOR REFERENCE

1. Ordinance
2. Water and Wastewater Impact Fee Study
3. Notice of Public Hearing

STAFF BRIEFING:

- ARKK Engineers, LLC was contracted to prepare an Impact Fee study, for the purpose of establishing a capital recovery fee schedule for new development in the City's water and wastewater service area.
- This study estimated the probable growth of the City, both in terms of population increases and geographical location of the anticipated growth.
- It estimated the capital improvement costs that will be needed to provide water and wastewater utility service to this growth through the next ten (10) year development horizon.
- Lastly, the study calculated the maximum allowable impact fees that may be assessed to new development to defray the cost of the required water and wastewater improvements needed to support the development.
- At the December 10, 2018 Council meeting, a resolution was adopted approving the land use assumptions and capital improvements plan, and calling for a public hearing on the imposition of impact fees.
- City Clerk has published the Public Hearing notice, calling for Public Hearing on January 14, 2019 as required by Chapter 395 of the Texas Local Government Code.
- Special legal counsel approved and drafted the Ordinance

HISTORY: A resolution accepting the report from ARKK Engineers and calling a public hearing on the land use assumptions and capital improvements plan was passed by Council at the November meeting.

TARGET IMPLEMENTATION: February 11, 2019 or as otherwise required by statute

SIGNIFICANT ACTION DATES:

12.10.2018 – First Public Hearing; Resolution adopted calling for second public hearing



CITY COUNCIL AGENDA FORM

ACTION:

- | | |
|--|---|
| ☒ Ordinance | ☐ Resolution |
| ☐ Special Presentation | ☐ Proclamation |
| ☐ Finance Report | ☐ Public Hearing |
| ☐ Other | |
| ☒ Mark if this item does not conflict with any Resolution, Ordinance or City Charter, policies, procedures | |

Cost Details:

Budgeted	N/A
Actual Bid	N/A
Estimated Expenditure	N/A
Acct. Name(s)	N/A
Line Items #	N/A
Other Funding	N/A

STAFF'S RECOMMENDATION: Motion to adopt Ordinance No. O-2019-003, adopting and imposing impact fees. THIS IS THE FIRST READING

FISCAL IMPACT: Dependent upon future growth.

ORDINANCE NO. O-2019-003

AN ORDINANCE OF THE CITY OF LA MARQUE, TEXAS, AMENDING THE CODE OF ORDINANCES OF CITY OF LA MARQUE, TEXAS, BY ADDING CHAPTER 42, "IMPACT FEES;" PROVIDING RULES AND REGULATIONS GOVERNING SAME WITHIN THE CITY; MAKING OTHER PROVISIONS RELATED TO THE SUBJECT, AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, Texas Local Government Code § 395.001 et seq., authorizes cities to enact or impose impact fees on land within their corporate boundaries, as charges or assessments imposed against new development in order to generate revenue for funding or recouping the costs of capital improvements or facility expansions necessitated by and attributable to such new development; and

WHEREAS, the City Council of the City of La Marque (the "City") appointed an advisory committee ("Impact Fees Advisory Committee") to study the land use assumptions, capital improvements plan and implementation of impact fees within certain areas of the City;

WHEREAS, the City Council has employed ARKK Engineers, LLC to prepare its land use assumptions, capital improvements plan, and impact fees for water and wastewater facilities for the City;

WHEREAS, each was considered by the City's Impact Fees Advisory Committee, and such assumptions, plan, and proposed fees were filed with the City Council, along with the Impact Fees Advisory Committee's comments;

WHEREAS, ARKK Engineers, LLC and City staff received written comments from the Impact Fees Advisory Committee on the land use assumptions, capital improvements plan and impact fees;

WHEREAS, the City Council has reviewed and evaluated its land use assumptions, capital improvements plan, and impact fees for water and wastewater facilities in the time and manner required by law;

WHEREAS, consistent with input from the Impact Fees Advisory Committee, the citizens, and the City Council, City staff and consultants have updated the City's Land Use Assumptions and Capital Improvements Plan and calculated a resulting impact fee contained in **Exhibit A**, attached and made a part hereof for all purposes;

WHEREAS, the City Council held public hearings on the city's Land Use Assumptions, Capital Improvements Plan and proposed impact fees on December 10, 2018 and January 14, 2019 and provided notice of such hearings by publication in a newspaper of general circulation before the 30th day before the date of the hearing and otherwise in accordance with Section 395.044 of the Texas Local Government Code;

WHEREAS, the City Council adopted the land use assumptions and capital improvement plan on December 10, 2018 and now desires to adopt impact fees for water and wastewater facilities, all in accordance with Chapter 395, of the Texas Local Government Code; and

WHEREAS, the City has determined that it is in the best interest of the general public to adopt impact fees for water and wastewater facilities;

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF LA MARQUE, TEXAS:

Section 1. The findings and recitations set out in the preamble of this Ordinance are found to be true and correct and are hereby adopted by the City Council and made a part hereof for all purposes.

Section 2. The Code of Ordinances of the City of La Marque, Texas, is hereby amended by adding a Chapter 42, "Impact Fees," to read and provide as follows:

"Chapter 42 - IMPACT FEES

Article I. - In General

Sec. 42-1. Title.

This article shall be known and cited as the "City of La Marque Impact Fee Ordinance."

Sec. 42-2. Purpose.

This article is intended to impose and levy water and wastewater facilities impact fees on new development, as established in this article, in order to finance public facilities, the demand for which is generated by new development in the designated service areas. The designated services areas are as shown in the attached **Exhibit A**.

Sec. 42- 3. Authorization.

(a) The city is authorized to enact this article in accordance with Chapter 395, Texas Local Government Code, which authorizes cities to enact or impose impact fees (capital recovery fees) on land within their corporate boundaries, as charges or assessments imposed against new development in order to generate revenue for

funding or recouping the costs of capital improvements or facility expansions necessitated by and attributable to such new development.

(b) "New development" means the subdivision of land; the construction, reconstruction, redevelopment, conversion, structural alteration, relocation, or enlargement of any structure; or any use or extension of the use of land; any of which increases the number of service units.

Sec. 42- 4. Land use assumptions.

The land use assumptions included in the Water and Wastewater Impact Fee Study, referenced herein as **Exhibit A** and made a part hereof for all purposes, are hereby in all things approved and adopted.

Sec. 42-5. Capital improvements plan.

The capital improvements plan included in the Water and Wastewater Impact Fee Study, referenced herein as **Exhibit A** and made a part hereof for all purposes, are hereby in all things approved and adopted.

Sec. 42-6. Impact fees.

(a) The impact fees set forth in the Water and Wastewater Impact Fee Study, referenced herein as **Exhibit A** and made a part hereof for all purposes are hereby levied against new development on lands located within the corporate boundaries of the city.

(b) For new development which is platted in accordance with the City's subdivision regulations before the adoption of this article, an impact fee may not be collected on any service unit for which a valid building permit is issued within one year after the date of adoption of the impact fee.

Sec.42-7. Assessment of impact fees.

(a) Impact fees are hereby assessed against new development in order to generate revenue for funding or recouping the costs of capital improvements or facility expansions necessitated by and attributable to the new development. Assessment of impact fees for new development shall be made as follows:

(1) For land on which new development occurs or is proposed to occur, and for which no platting or replatting is required pursuant to the city's subdivision regulations prior to development, assessment shall

occur at the time application is made for the building permit or utility connection, whichever occurs first, and shall be the amount of the maximum impact fees per service unit applicable to the respective service area(s) in which the development is located.

(2) For new developments that have filed applications for approval pursuant to the City's subdivision regulations or for which replatting results in an increase in the number of service units after such date, assessment shall be at the time of the final plat is recorded, and shall be the amount of the maximum impact fee per service unit applicable to the respective service area(s) in which the development is located.

(b) Following initial assessment of impact fees for a new development, the amount of the maximum impact fee per service unit for any such development may not be increased unless the owner proposes to change the approved development and increase the number of service units, in which case the impact fee shall be reassessed and the impact fee then in effect shall be imposed for such additional service units, and shall be limited to the amount attributable to the additional service units.

(c) Following the lapse or expiration of approval of a new development, a new assessment shall be performed at the time a new application for such development is filed.

Sec. 42-8. Collection of impact fees.

(a) For all developments platted after the effective date of the ordinance from which this article is derived, the impact fees due shall be collected at the time of application for a building permit, or at the time of application for a utility connection, whichever occurs first. If the building permit for which an impact fee has been paid has expired, and a new application is thereafter filed, the impact fees due shall be computed using the impact fee then in effect, and previous payments of impact fees shall be credited against the new fees due.

(b) For all developments platted in accordance with the City's Subdivision ordinance prior to the effective date of the ordinance from which this article is derived, the impact fees shall not be collected on any service unit for which a valid building permit is issued within one year after the effective date of the ordinance.

(c) For water and wastewater fees, if the city has water and wastewater capacity available, the impact fee shall be collected at the time the city issues a building permit or approves an application for a utility connection, whichever occurs first.

(d) In areas where services are not currently available, fees may be assessed but may not be collected, except as provided by state law. Where state law requires a commitment by the city to commence construction of a capital improvement or facility expansion, and to have the service available within a specified time frame in order to collect the fees, the city manager is empowered to make this commitment on behalf of the city after consultation with the city's engineer.

(e) A school district is not required to pay impact fees imposed under this article unless the board of trustees of the district consents to the payment of the fees by entering into a contract with the city.

(f) Notwithstanding the above, the city may enter into an agreement with the owner of a tract of land for which the plat has been recorded providing for the time and method of payment of the impact fees.

Sec. 42-9. Establishment of accounts.

(a) Impact fee funds shall be deposited in interest-bearing accounts clearly identifying the category of capital improvements or facility expansions within the service area for which the fee was adopted.

(b) Interest earned on the account into which the impact fees are deposited shall be considered funds of the account and shall be used solely for the purposes authorized in Section 42-10.

(c) The City shall establish adequate financial and accounting controls to ensure that impact fees disbursed from the account are utilized solely for the purposes authorized in Section 42-10. Disbursement of funds shall be authorized by the city at such times as are reasonably necessary to carry out the purposes and intent of this article.

(d) The city shall maintain and keep financial records for impact fees, which shall show the source and disbursement of all fees collected in or expended within the service area. The records of the account into which impact fees are

deposited shall be open for public inspection and copying during ordinary business hours.

Sec. 42-10. Use of proceeds of impact fee accounts.

(a) The impact fees collected for each service area pursuant to these regulations may be used to finance or to recoup the costs of any capital improvements or facility expansion identified in the applicable capital improvements plan for the service area, including but not limited to the construction contract price, surveying and engineering fees, land acquisition costs (including land purchases, court awards and costs, attorney's fees, and expert witness fees). Impact fees may also be used to pay the principal sum and interest and other finance costs on bonds, notes or other obligations issued by or on behalf of the city to finance such capital improvements or facility expansions. Impact fees also may be used to pay fees actually contracted to be paid to an independent qualified engineer or financial consultant for preparation of or updating the impact fee capital improvements plan.

(b) Impact fees collected pursuant to this article shall not be used to pay for any of the following expenses:

- (1) Construction, acquisition or expansion of capital improvements or assets other than those identified in the applicable capital improvements plan;
- (2) Repair, operation, or maintenance of existing or new capital improvements or facility expansion;
- (3) Upgrade, expansion or replacement of existing capital improvements to serve existing development in order to meet stricter safety, efficiency, environmental or regulatory standards;
- (4) Upgrade, expansion, or replacement of existing capital improvements to provide better service to existing development; provided, however, that impact fees may be used to pay the costs of upgrading, expanding or replacing existing capital improvements in order to meet the need for new capital improvements generated by new development; or
- (5) Administrative and operating costs of the city

Sec. 42-11. Refunds and rebates.

On the request of an owner of property on which an impact fee has been paid, impact fees shall be refunded if existing facilities are available and service is denied, or, if the city failed to commence construction of facilities required for service within two years of payment of the fee, or if construction is not complete within a reasonable time considering the type of capital improvements or facility expansion to be constructed, but not in any event more than five years from date of payment of the fee.

(a) Any impact fee funds not expended within ten years after payment shall be refunded.

(b) Refunds shall bear interest calculated from the date of collection to the date of refund at the statutory rate set forth in Section 302.002 Texas Finance Code or its successor statutes.

(c) All refunds will be made to the owner of record at the time the refund is paid. If, however, the impact fees were paid by another political subdivision or governmental entity, payment shall be made to the political subdivision or governmental entity.

Sec. 42-12. Appeals.

Upon written application of the owner of property upon which impact fees were assessed, the City council shall consider appeals to the interpretations of or errors in the application of the impact fee regulations or schedules used to calculate the fees or credits.

Sec. 42-13. Credits and offsets.

(a) Any construction of, contributions to, or dedications of any facility appearing on the capital improvements plan which is required by the city to be constructed by the owner as a condition of development shall be credited against the impact fees otherwise due from the development. Credit for impact fees due an owner in one category of impact fees may not be used to offset impact fees in another category.

As an alternative to the foregoing, the city and owner may enter into an agreement providing that, in addition to the credit, owner will be reimbursed for all or a portion of the costs of such facilities from impact

(b) fees received from other new developments that will use such capital improvements of facility expansions.

(c) An owner shall be entitled to a credit against any category of impact fee provided in any written agreement between the city and the owner.

(d) No credit for construction of any facility shall exceed the total amount of impact fees due from the development for the same category of improvements.

Sec. 42-14. Advisory Committee.

(a) The capital improvements advisory committee (advisory committee) shall consist of the Planning & Zoning Commission. If the Commission does not include at least one representative of the real estate, development or building industry who is not an employee or official of a political subdivision or governmental entity, the City Council shall appoint at least one such representative as an ad hoc member of the advisory committee.

(b) The advisory committee serves in an advisory capacity and is established to:

- (1) advise and assist the adoption of land use assumptions;
- (2) review the capital improvements plan and file written comments;
- (3) monitor and evaluate implementation of the capital improvements plan;
- (4) file semi-annual reports with respect to the progress of the capital improvements plan and report to the City Council any perceived inequities in implementing the plan or imposing the impact fees; and
- (5) advise the city staff and Council of the need to update or revise the land use assumptions, capital improvements plan and impact fee.

All professional reports concerning the development and implementation of the capital improvements plan shall be made available to the advisory committee.

(c) The advisory committee shall elect a chairperson to preside at its meetings and a vice-chairperson to serve in their absence.

(d) The land use assumptions and Capital Improvements Plan shall be updated at least every five (5) years. Alternatively, the City Council may, pursuant to the provisions of the Texas Local Government Code § 395.0575, make a determination that no such update is necessary."

Section 3. In the event any clause, phrase, provision, sentence, or part of this Ordinance or the application of the same to any person or circumstance shall for any reason be adjudged invalid or held unconstitutional by a court of competent jurisdiction, it shall not affect, impair, or invalidate this Ordinance as a whole or any part or provision hereof other than the part declared to be invalid or unconstitutional; and the City Council of the City of La Marque, Texas, declares that it would have passed each and every part of the same notwithstanding the omission of any such part thus declared to be invalid or unconstitutional, whether there be one or more parts.

Section 4. This ordinance is intended to be cumulative and shall not repeal any previous ordinance except to the extent that any provision of such ordinance is inconsistent and cannot be reconciled with any provision contained herein.

Section 5. This ordinance shall be effective immediately upon the Second and Final reading and adoption by the City Council of La Marque.

PASSED AND APPROVED by City Council of the City of La Marque, Texas on FIRST READING this ____ day of _____, 2019.

PASSED, APPROVED AND ADOPTED by City Council of the City of La Marque, Texas on SECOND AND FINAL READING this ____ day of _____, 2019.

CITY OF LA MARQUE, TEXAS

Bobby Hocking, Mayor

ATTEST:

Robin Eldridge, TRMC
City Clerk

APPROVED AS TO FORM:

Ellis J. Ortego
City Attorney

Exhibit A - Water and Wastewater Impact Fee Study

WATER AND WASTEWATER IMPACT FEE STUDY

November, 2018



CITY OF LA MARQUE

November, 2018

**ARKK Engineers, LLC
TBPE Firm # F-13872
7322 Southwest Fwy. Ste. 1040**

WATER AND WASTEWATER IMPACT FEE STUDY CITY OF LA MARQUE

NOVEMBER, 2018

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3. LAND USE ASSUMPTIONS AND POPULATION PROJECTIONS	2
4. CAPITAL IMPROVEMENT PLAN	6
5. IMPACT FEE CALCULATIONS	7

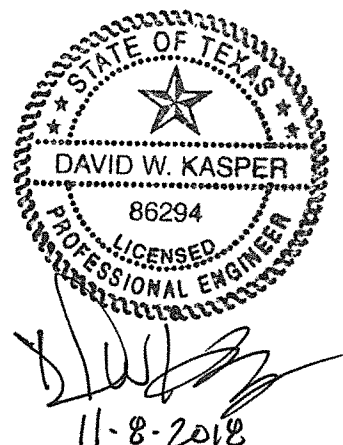
EXHIBITS AND FIGURES

Figure 1 – Service Area Map

Figure 2 – Land Use Assumptions Map

Figure 3 – Capital Improvement Plan – Water and Wastewater

Figure 4 – Development Map



1. INTRODUCTION

ARKK Engineers LLC has been contracted by the City of La Marque to prepare the City's Impact Fee study, for the purposes of establishing a capital recovery fee schedule for new development in the City's water and wastewater service area. The study was conducted in compliance with the State of Texas Local Government Code, Title 12, Planning and Development, Subtitle C, Chapter 395, "Financing Capital Improvements in Municipalities, Counties, and Certain Other Local Governments", herein referred to as "Chapter 395". Under Chapter 395 requirements, the City is required to adopt an ordinance, order, or resolution approving land use assumptions and capital improvements plan ("CIP") prior to considering adoption of a Capital Recovery Fee, also referred to herein as an "impact fee."

The objectives of this study are to:

- a) Estimate the probable growth of the City; both in terms of population increases and geographical location of the anticipated growth.
- b) Estimate the capital improvement costs that will be needed to provide water and wastewater utility service to this growth through the 10 year development horizon;
- c) Calculate the maximum allowable impact fees that may be assessed to new development to defray the cost of the required water and wastewater improvements needed to support the development.

Impact Fees are proposed to be charged by the City of La Marque for each new connection to the City's water and/or wastewater system. Chapter 395 of the Texas Local Government Code prescribes the required process for cities to follow for adoption, amendment, and update of Impact Fees charged. Updates are performed on a five-year cycle. The update process requires engaging a Registered Professional Engineering firm to prepare the aforementioned documents and calculations. The results are then to be presented to an Advisory Committee appointed by the City Council to review and recommend adoption of land use assumptions, population projections, proposed CIP projects, and the amount of the Impact Fees to be considered and adopted by the City.

For purpose of this study, it is recommended that the City adopt a **ten year** planning period from 2018-2027 and consider factors affecting growth rates, intensity of development, known major development projects, and projections by local and state agencies to guide the land use assumptions and resulting CIP. Included in this study is a review of the growth experience during the previous planning period, projects implemented from the CIP, and the actual cost of water and wastewater projects. Water and wastewater studies and reports performed during this period are also reflected herein.

2. SERVICE AREA

The proposed service area is shown on **Figure 1**. The service area includes the area within the City of La Marque's City Limit. In the future, as areas are contemplated for annexation, the Service Area Map should be updated to reflect the annexed area. Areas outside the City Limits in which the City is considering executing a development agreement for water and/or wastewater service should also be incorporated into the service area.

3. LAND USE ASSUMPTIONS AND POPULATION PROJECTIONS

The purpose of the Land Use Map is to provide the basis for provision and requirement for projects to support new development in the service area and to project the number of equivalent service units to fairly allocate the resulting costs through the assessment of Impact Fees. The following factors were considered in developing the Land Use Map:

- The character, type, density and quantity of existing development.
- Proposed land use.
- The Water System Modeling and Planning Study (2016 ARKK Engineers).
- Availability of land for future development.
- Current growth trends in the City.
- Location and configuration of vacant land.
- Known or anticipated development projects.

See **Figure 2 - Land Use Map**

3.1 BASE DATA

The data developed for the Land Use Map was based on aerial mapping and HGAC planning resources. Population data was obtained from US Census data and the 2016 Water Modeling and Planning Study document as shown in the following **Table 1**. A review of U.S. Census data shows that in the period 2010 to 2015, the City grew from a population of 14,509 to a population of 15,908.

TABLE 1
POPULATION DATA

Plan Year	Year End	Est. Annual Number of Connections Added	Total Number of Connections	Projected Population
	2010		5,278	14,509
	2015	102	5,787	15,908
1	2018	102	6,093	16,747
2	2019	102	6,194	17,027
3	2020	102	6,296	17,307
4	2021	102	6,398	17,587
5	2022	102	6,500	17,867
6	2023	102	6,602	18,146
7	2024	102	6,703	18,426
8	2025	102	6,805	18,706
9	2026	102	6,907	18,986
10	2027	102	7,009	19,266

The table above reflects that the City can reasonably expect to have 7,009 water service connections in ten years' time.

**Table 2 - Water Meter Connection Count
(Year End 2017)**

Meter Size:	Number of Connections	Equivalency	Equivalent Connections
5/8 x 3/4	5,524	1	5,524
1"	118	1	118
1.5"	1	1	1
2"	87	2	174
4"	8	4	32
6"	1	10	10
8"	1	30	30
	5,740		5,889

3.2 TEN YEAR GROWTH ASSUMPTIONS

The current rate of growth in terms of equivalent service units (ESU's) for the City is averaging around 93 - 102 new ESU's per calendar year

With the current total connections in the system expressed in ESU's of approximately 6,093, the growth rates in terms of equivalent connections was **1.8%** for the period 2010-2018. It is recommended that for this 2018 Impact Fee Study the City adopt a growth rate of **102 Equivalent Service Connections per year** to the water and wastewater system. This growth rate is consistent with the 2016 Water System Modeling and Planning study. For the projected 10 year period, it is estimated that 1,108 new connections will be added.

3.3 ULTIMATE POPULATION PROJECTIONS

TABLE 3 - Projected Development and Estimated Water Use

Development Area No.	Projected Development Type	Gross Acreage	Est. Acreage Developed with Water Service	Estimated Equivalent Connections per Acre	Estimated Number of New Connections	Est. Average Daily Water Use per Connection	Estimated Daily Water Usage (gpd)
1	Commercial	241.8	181.3	1	181	350	63,471
2	Commercial	81.3	61.0	1	61	350	21,351
3	Commercial	38.4	28.8	2	58	350	20,177
4	Commercial	11.9	8.9	2	18	350	6,258
5	Commercial	74.5	55.9	2	112	350	39,121
6	Commercial	19.3	14.5	2	29	350	10,127
7	Commercial	11.4	8.6	2	17	350	5,988
8	Commercial	3.5	2.6	2	5	350	1,826
9	Commercial	10.8	8.1	2	16	350	5,669
10	Commercial	18.1	13.6	2	27	350	9,491
11	Commercial	16.3	12.2	2	24	350	8,556
12	Commercial	3.5	2.6	2	5	350	1,837
13	Commercial	91.0	68.2	2	136	350	47,761
14	Commercial	54.1	40.5	2	81	350	28,378
15	Commercial	88.1	66.1	2	132	350	46,236
16	Commercial	31.1	23.3	2	47	350	16,342
17	Residential	194.4	145.8	4	583	350	204,069
18	Residential	40.7	30.5	4	122	350	42,688
19	Residential	126.5	94.9	4	379	350	132,808
20	Residential	164.3	123.2	4	493	350	172,514
21	Other - University of Houston property	923.3	692.5	0	0	350	0
					2,528		884,668
Number of Existing Equivalent Connections:					5,889		
Number of Projected New Connections from Development Tracts:					2,528		
Projected Infill Development (Est. 5% of Exist)					294		
Projected Total Connections:*					8,711		
Numbers do not include the following:							
1. University of Houston 923 acre tract in Northwest La Marque							
2. Subdivided but undeveloped lots in southeast La Marque adjacent to Texas City Terminal Railway property							
3. Wetlands Properties in southeast La Marque							

The table above reflects that the City could reasonably be expected to have **8,711** water service connections in the future. The areas of anticipated future development are shown on **Figure 4**.

4. CAPITAL IMPROVEMENT PLAN

The Impact Fee Capital Improvement Plan (CIP) includes projects anticipated to serve growth in the City during the 10-year planning period.

4.1 ELIGIBLE FACILITIES

The impact fee legislation allows those projects necessitated by growth during the planning period to be included in the impact fee calculation. Projects included in the CIP include water distribution lines and water production facilities.

4.2 CAPITAL IMPROVEMENT PROJECTS FOR 2018 IMPACT FEE STUDY

The projects eligible for Capital Recovery Fee consideration are shown on **Table 4 (Water)** and **Table 5 (Wastewater)**. These tables show both proposed future CIP improvements, and existing facilities that have excess capacity which can serve some or all of the projected growth during the study period. For the existing facilities, their design capacity was evaluated against existing demands and projected growth to determine the prorated value for growth during the study period.

The capital improvement project maps are shown on **Figure 3 – Water and Wastewater Capital Improvement Plan**.

5. IMPACT FEE CALCULATION

This section includes a summary of the capital improvement project costs, interest costs, service unit equivalency, and a calculation of the maximum impact fee amount. The capital improvement costs included in the impact fee calculation is the portion of the project cost that is directly related to new growth. Some of the projects include replacement of an existing facility with new capacity added that will be available for future growth. **Tables 4 and 5** on the following pages show the proposed CIP Project Costs Summaries, reflecting costs prorated for new development to be used in the impact fee calculation.

TABLE 4
PROJECT COSTS SUMMARY - WATER

Project Name	Project Cost	Planned Year	Percent of Cost Related to New Development	Project Costs Related to New Development
12" Water Distribution Line, Cedar to Magnolia (Phase 1)	\$397,520	2019	50%	\$198,760
12" Water Distribution Line, Stonewall to IH 45 (Phase 2)	\$1,393,350	2022	75%	\$1,045,013
12" Water Distribution Line, Westward to Newman (Phase 3)	\$1,098,920	2024	75%	\$824,190
12" Water Distribution Line, 12th to Stubbs (Phase 4)	\$1,370,490	2026	5%	\$68,525
Water Supply Capacity Purchase from GCWA to Service 10 Year Growth <i>(Basis - 2015 Purchase of GCWA Mackey Plant surface water capacity, Texas City/League City from NRG)</i>	\$1,223,377	2019	100%	\$1,223,377
				\$0
				\$0
TOTAL WATER	\$5,483,657			\$3,359,864
New Connections Served in 10 Year Period by the Water Capital Improvements:				
Cost Per Connection:				1,018
				\$3,301
Project Cost Assigned to the 10 Year Period:				\$3,359,864

TABLE 5
PROJECT COSTS SUMMARY - WASTEWATER

Project Name	Project Cost	Planned Year	Percent of Cost Related to New Development	Project Costs Related to New Development
Wastewater Treatment Capacity to Serve 10 Year Projected Growth (<i>Basis - 315 gallons per day per new connection at estimated \$6.00 per gallon treatment cost</i>)	\$1,924,020	2019	100%	\$1,924,020
Influent Lift Station	\$ 3,450,000	2019	15%	\$ 506,000
TOTAL WASTEWATER	\$5,374,020			\$2,430,020
New Connections Served in 10 Year Period by the Wastewater Capital Improvements:				1,018
Cost Per Connection:				\$2,387
Project Cost Assigned to the 10 Year Period:				\$2,430,020

5.1 FINANCE COSTS DETERMINATION

Costs incurred to support the debt service for the CIP list above are eligible for reimbursement in accordance with the Impact Fee Legislation. This study reflects an estimated interest rate of 3.0% per annum on bonds such as TWDB State Revolving Fund loans. On that basis, the total interest expense for the Impact Fee calculation are as follows, based on a 20 year finance term:

TABLE 6
FINANCE COSTS

	<u>WATER</u>	<u>WASTEWATER</u>
Project Cost	\$3,359,864	\$2,430,020
Interest Rate	3.00%	3.00%
Term (years)	20	20
Total Interest	<u>\$1,112,230</u>	<u>\$804,420</u>
Total Eligible Cost w/ Interest	\$4,472,095	\$3,234,440

5.2 SERVICE UNIT DETERMINATION

The equivalent meter comparison is the method used to measure consumption by new growth for impact fee purposes. The 5/8" and 3/4" water meters serve as the service unit for both water and wastewater impact fee calculations. The equivalent meter is defined as the unit equivalent to the hydraulic capacity of a 3/4 inch meter. The 5/8" and 3/4" meters were selected because it represents the water meter size for an average single family dwelling. Equivalency factors were provided for larger meter sizes as developed by the American Water Works Association. **Table 7** provides these equivalency factors.

TABLE 7
Equivalent Meter Factors

METER SIZE (INCHES)	EQUIVALENCY FACTOR
5/8 OR 3/4	1.0
1"	1.67
1 1/2"	3.33
2"	5.33
3" Compound	10.0
4" Compound	16.67
6" Compound	33.33
8" Compound	53.33
10" Compound	76.67

5.3 MAXIMUM IMPACT FEE CALCULATION

The maximum assessable impact fee is determined by dividing the cost of the CIP projects plus interest by the projected increase in equivalent meters for the 10 year planning period. The fee for various meter sizes is then determined by applying the factors provided in **Table 7** for all meters larger than the standard ¾" residential meter. The maximum assessable impact fee for the City of La Marque for water and wastewater is as follows:

WATER

$$\begin{aligned}\text{Maximum Water impact fee} &= (\text{Water Cost} / \text{increase in \# of equivalent meters}) \\ &= (\$4,472,095 / 1,018 \text{ new connections}) \\ &= \mathbf{\$4,393 \text{ per equivalent meter}}\end{aligned}$$

WASTEWATER

$$\begin{aligned}\text{Maximum Wastewater Impact Fee} &= (\text{Wastewater cost} / \text{increase in \# of equiv. meters}) \\ &= (\$3,234,440 / 1,018 \text{ new connections}) \\ &= \mathbf{\$3,177 \text{ per equivalent meter}}\end{aligned}$$

Chapter 395 of the Local Government Code was amended in 2001 to include that the City must provide a credit for the following:

Section 395.014 Paragraph a (7):

(A) a credit for the portion of ad valorem tax and utility service revenues generated by new service units during the program period that is used for the payment of improvements, including the payment of debt, that are included in the Capital Improvements Plan; or

(B) In the alternative, a credit equal to 50 percent of the total projected cost of implementing the capital improvements plan.

The Impact Fee legislation allows the City to charge an impact fee up to the amount shown as the calculated maximum. For this study, the maximum impact fee is calculated based on the simplified accounting method in item (B) above as:

50% of Water CIP Costs per Equivalent Meter = \$4,393 x 50% =	\$ 2,196
50% of Wastewater CIP Costs per Equivalent Meter = \$3,177 x 50% =	<u>\$ 1,588</u>
Total =	\$ 3,784

5.4 CONCLUSIONS AND RECOMMENDATIONS

After discussion and deliberation of the Impact Fee Advisory Committee, the 2018 fee amounts to be recommended to City Council are as shown on **Table 8** below:

TABLE 8 - PROPOSED CAPITAL RECOVERY FEES

	2018 Study Max Fee w/ 50% Credit	Proposed Fee
Water	\$2,196	\$2,190
Wastewater	\$1,588	\$1,580
	\$3,784	\$3,770

MULTIPLYING FACTORS

Single Family Dwelling	= 1.0 ESFC (Single Family Equivalent Unit)
Apartment Complex	= 1.0 ESFC per living unit
Hotel, Motel, Resort	= 0.8 ESFC per unit or room
Mobile Home	= 1.0 ESFC per unit or room

Commercial, Retail, Institutional, Light Industrial, and all other non-residential development:

<u>Meter Size:</u>	<u>Factor</u>	<u>Total Impact Fee</u>
5/8" - 3/4"	1.00 ESFC's	\$3,770
1"	1.67 ESFC's	\$6,296
1.5"	3.33 ESFC's	\$12,554
2", All Types	5.33 ESFC's	\$20,094
3" Compound	10.67 ESFC's	\$40,226
3" Turbine	11.67 ESFC's	\$43,996
4" Compound	16.67 ESFC's	\$62,846
4" Turbine	21.00 ESFC's	\$79,170
6" Compound	33.33 ESFC's	\$125,654
6" Turbine	43.33 ESFC's	\$163,354
8" Compound	53.33 ESFC's	\$201,054
8" Turbine	93.33 ESFC's	\$351,854
10" Compound	76.67 ESFC's	\$289,046
10" Turbine	140.00 ESFC's	\$527,800
12" All Types	176.67 ESFC's	\$666,046

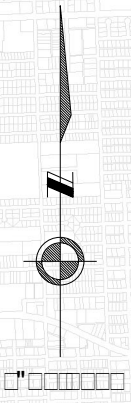
Note 1: When separate dedicated fire system meters and systems are installed, the fire system meters are not charged a separate capital recovery fee.

Note 2: When building fire flow systems are combined with other building water systems, the City Engineer shall determine the equivalency factor based on the meter size that would be required without the fire protection component of the flow.

SERVICE AREA CIT O LA MAR E CIT LIMIT



CITY OF LA MAR, TEXAS
IMPACT STUDY
LAND USE MAP



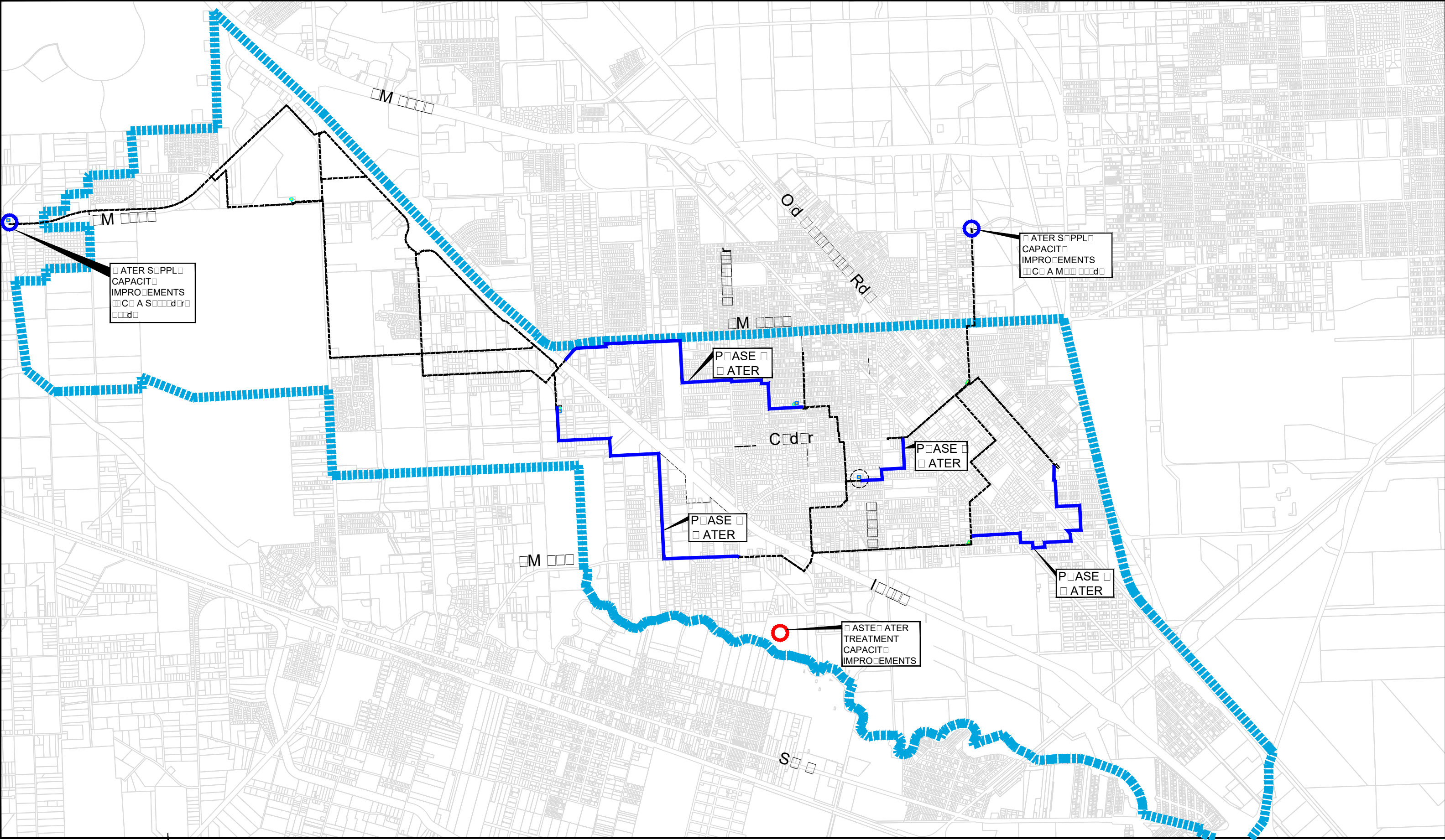
Legend

Land Use

- Cemeteries
- Colleges/Universities Public
- Commercial
- Emergency Services (Fire, Police)
- Farm/Ranch Land (in use)
- Farm/Ranch Land (not in use)
- Farm/Ranch Property (homestead & other)
- Farm/Ranch Property (homestead only)
- Industrial
- Landfill (Active/Inactive)
- Large Parks (>= 5 acres)
- Other Right of Way/Easement
- Primary Schools (K-8) Public
- Public Roads
- Residential Available Inventory

UNDEVELOPED TRACTS

- Residential Available Inventory (vacant)
- Residential Mobile Home
- Residential Multi-Family
- Residential Other
- Residential Single-Family
- Schools (unknown type)
- Secondary Schools (HS) Public
- Small Open Spaces (Circles/Spaceways/Triangles)
- Small Parks (<5 acres)
- Sports Fields
- Undetermined Land Use
- Unusable land (land under water)
- Utility Right of Way
- Vacant
- Vacant Residential Lots/Tracts



Affidavit of Publication

STATE OF TX }
COUNTY OF GALVESTON } SS

Donna Rhoades, being duly sworn, says:

That she is Donna Rhoades of the The Galveston County Daily News, a daily newspaper of general circulation, printed and published in Galveston, Galveston County, TX; that the publication, a copy of which is attached hereto, was published in the said newspaper on the following dates:
November 08, 2018

That said newspaper was regularly issued and circulated on those dates.
SIGNED:


Donna Rhoades

Subscribed to and sworn to me this 8th day of November 2018.


Lynette Tisdale, Notary Public, State of Texas, Galveston County, TX
My commission expires: February 11, 2020

13103521 00463200 (409)935-0401

Robin Eldridge
CITY OF LA MARQUE - Legals
ACCOUNTS PAYABLE
1111 BAYOU RD.
LA MARQUE, TX 77568



**NOTICE OF PUBLIC
HEARING ON LAND USE
ASSUMPTIONS AND
CAPITAL IMPROVEMENTS
PLAN RELATING TO
POSSIBLE ADOPTION OF
IMPACT FEES**

Pursuant to Section 395.044 of the Texas Local Government Code, as amended, notice is hereby given that the City Council of the City of La Marque, Texas will hold a public hearing on **Monday, December 10, 2018 beginning at 6:00 P. M. in the Council Chambers, located at 1109-B Bayou Road (next to City Hall)** for the purpose of which to consider the land use assumptions and capital improvements plan under which an impact fee may be imposed. Any member of the public has the right to appear at the hearing, and present evidence for or against the land use assumptions and capital improvements plan. A copy of the proposed land use assumptions and capital improvements plan is available at the office of the City Clerk, located at 1111 Bayou Rd., La Marque, Texas 77568.

Robin Eldridge, TRMC
City Clerk
City of La Marque, Texas

Published: November 8,
2018
00463200



CITY COUNCIL AGENDA FORM

Meeting Date: January 14, 2019

Prepared by: Sussie Sutton

Department: Development Services

Agenda item: 9f

Reviewed by: Charlene Warren

AGENDA ITEM DESCRIPTION: Discussion/possible action regarding adopting Ordinance No. **O-2019-004**, approving a road right of way abandonment for a portion of the 60-foot road easement (Clerks File #8843301) located in Painted Meadows Section 5 specifically overlapping lots in Block 1, Lots 1-8; Block 5, Lots 10-17, Block 4, Lots 2, 3, 16, and 17; Block 3, Lots 1-20, and Block 1, Lots 2 & 3, on behalf of Two Windy Hill Investments. **THIS IS THE FIRST READING**

X

ATTACHMENTS FOR REFERENCE

1. Ordinance (including metes and bounds)
2. P&Z Letter of Recommendation
3. ADICO Letter of No Objection
4. Pape Engineering Abandonment Application
5. P&Z Minutes (draft) - December 11, 2018

STAFF BRIEFING:

- Letters of No Objection have been obtained from Texas New Mexico Power, Comcast, CenterPoint and AT&T.
- ADICO, City engineering contractor, has reviewed and provided Letter of No Objection
- Notices were sent to adjacent property owners.
- At the December 11, 2018 Planning & Zoning Commission meeting, Public Hearing was held and abandonment request was approved.
- Planning and Zoning Commission has provided a Letter of Recommendation.

HISTORY:

12.11.2018 - Planning & Zoning approved the request

11.27.2018 - ADICO review of all documents approved

2017 - Abandonment request letter received (incomplete documentation)

2016 - Painted Meadows Section 5 presented

2015 - Painted Meadows Section 4 is recorded

TARGET IMPLEMENTATION: January 14, 2019.

SIGNIFICANT ACTION DATES:

12.11.2018 - Planning & Zoning Commission held Public Hearing



CITY COUNCIL AGENDA FORM

ACTION:

- | | |
|--|---|
| ☒ Ordinance | ☐ Resolution |
| ☐ Special Presentation | ☐ Proclamation |
| ☐ Finance Report | ☐ Public Hearing |
| ☐ Other | |
| ☒ Mark if this item does not conflict with any Resolution, Ordinance or City Charter, policies, procedures | |

Cost Details:

Budgeted	N/A
Actual Bid	N/A
Estimated Expenditure	N/A
Acct. Name(s)	N/A
Line Items #	N/A
Other Funding	N/A

STAFF'S RECOMMENDATION: Motion to adopt Ordinance No. **O-2019-004**, approving a road right of way abandonment for a portion of the 60-foot road easement (Clerks File #8843301) located in Painted Meadows Section 5 specifically overlapping lots in Block 1, Lots 1-8; Block 5, Lots 10-17, Block 4, Lots 2, 3, 16, and 17; Block 3, Lots 1-20, and Block 1, Lots 2 & 3, on behalf of Two Windy Hill Investments. **THIS IS THE FIRST READING**

FISCAL IMPACT: By approving this right of way abandonment, the current plat can now be recorded and the new residential construction for Painted Meadows Section 5 can commence. It is anticipated that property taxes will increase for this tract of land.

ORDINANCE NO. O-2019-004

AN ORDINANCE OF THE CITY OF LA MARQUE, TEXAS PROVIDING FOR THE VACATING, ABANDONMENT OF A PORTION OF THE 60-FOOT ROAD EASEMENT CLERKS DEPICTED IN FILE NO. 8843301 LOCATED IN PAINTED MEADOWS SECTION 5 WHICH OVERLAPS BLOCK 1, LOTS 1-8; BLOCK 5, LOTS 10-17; BLOCK 4, LOTS 2, 3, 16, 17; BLOCK 3, LOTS 1-20, AND BLOCK 2, LOTS 2 & 3. A SUBDIVISION IN GALVESTON COUNTY, TEXAS, AS DESCRIBED IN EXHIBIT "A" ATTACHED HERETO.

WHEREAS, the City of La Marque (the "City") is a Texas Home Rule Municipality organized under the Constitution and laws of the State of Texas, located in Galveston County, Texas; and

WHEREAS, the City's Charter provides that it may exercise all powers of local self-government and powers granted to home rule cities by State Law; and

WHEREAS, the City's Charter further provides that the City shall have exclusive dominion, control and jurisdiction in, upon, over and under the public streets, avenues, alleys and highways of the City and may provide for the improvements thereof by paving, repaving, raising, draining or otherwise; and

WHEREAS, the Texas Transportation Code provides that a home rule municipality has exclusive control over and under the public highways, streets, and alleys of the municipality; and

WHEREAS, the Texas Transportation Code further provides that a home rule municipality may vacate, abandon, or close a street or alley; and

WHEREAS, finds that the original plat of Painted Meadows Section 5, is filed under the County Clerks file No. 88443301 in the Galveston County, Texas; and

WHEREAS, the City Council of the City of La Marque, Texas, finds that the easement located in Painted Meadows, Section 5 which overlaps Block 1; Lots 1-8, Block 5; Lots 10-17, Block 4; Lots 2 and 3; Block 3; Lots 1 -20 ad Block 2; Lots 2 and 3 as described in Exhibit "A", for public utilities or utility maintenance vehicles and equipment; and

WHEREAS, the burden of continued maintenance and the risk of liability of the easement that would be incurred by the City exceed any benefit to the City of La Marque, Texas, from continued ownership; and

WHEREAS, there is no longer any public need for the City to retain ownership of nor perform maintenance on the easement described in Exhibit "A"; and

WHEREAS, LGI Homes, LLC filed a petition for abandonment with the City for that portion of the road easement described in Exhibit "A" in accordance with La Marque Code of Ordinances; and

WHEREAS, LGI Homes, LLC has agreed to fulfill its obligations under City of La Marque, Texas Code of Ordinances including payment to the City of the fair market value of the abandoned easement described in Exhibit "A" as a precondition of its receipt of a Quitclaim Deed memorializing the abandonment; and

WHEREAS, on December 11, 2018, the Planning and Zoning Commission of the City of La Marque, Texas, recommended that City Council approve the petition filed by Two Windy Hill Investments, LLC; and

WHEREAS, the abandoning of that easement described in Exhibit "A" will cause no detriment to the rights of the citizens of La Marque, Texas; and

WHEREAS, City Council finds and declares that it is in the best interest of all of the citizens of the City of La Marque, Texas, that easement described in Exhibit "A" be vacated, closed and abandoned. **NOW, THEREFORE**

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF LA MARQUE, TEXAS:

Section 1. The facts set forth in the preamble of this Ordinance are hereby found to be true and correct.

Section 2. The City's interest, if any, of the portion of the easement described in Exhibit "A" is hereby vacated, abandoned and closed to be sold via a Quitclaim Deed in exchange for payment to the City in an amount equal to the fair market value of that easement described in Exhibit "A".

Section 3. In the event any clause, phrase, provision, sentence, or part of this Ordinance or the application of the same to any person or circumstance shall for any reason be adjudged invalid or held unconstitutional by a court of competent jurisdiction, it shall not affect, impair, or invalidate this Ordinance as a whole or any part or provision hereof other than the part declared to be invalid or unconstitutional; and the City Council of the City of La Marque, Texas, declares that it would have passed each and every part of the same notwithstanding the omission of any such part thus declared to be invalid or unconstitutional, whether there be one or more parts.

PASSED AND APPROVED by City Council of the City of La Marque on the first reading this ____ day of _____, 2019.

PASSED, APPROVED AND ADOPTED by City Council of the City of La Marque on the second and final reading this the _____ day of _____, 2019.

CITY OF LA MARQUE, TEXAS

Bobby Hocking, Mayor
City of La Marque, Texas

ATTEST:

Robin Eldridge, City Clerk

APPROVED AS TO FORM:

Ellis J. Ortego, City Attorney



METES AND BOUNDS DESCRIPTION
FOR

A 2.556 acre, or 111,352 square feet more or less, tract of land, being a portion of a Roadway Easement described in Clerk's File 8843301 of the Official Public Records of Galveston County, Texas, out of the Orchard Place First Addition to Hitchcock, partially within Lots 3 and 4, as recorded in Volume 92, Page 462, of the Deed Records of Galveston County, Texas, situated in the James R. Pace Survey, Abstract 161, Galveston County, Texas. Said 2.556 acre tract being more fully described as follows, with bearings based on the Texas Coordinate System established for the South Central Zone from the North American Datum of 1983 (NA2011) epoch 2010.00:

COMMENCING: At a found 1 inch iron pipe at the southeast corner of a called 1.639 acre tract conveyed to Two Windy Hill Investments, LLC, and described as "Tract 5" in a deed recorded in Clerk's File No. 2016055730 of the Official Public Records of Galveston County, Texas; from which a found 5/8 inch iron rod with a cap stamped "Costello" at the southwest corner of Reserve "A" of Painted Meadows Section Four, as recorded in Clerk's File No. 2015007591 of the Official Public Records of Galveston County, Texas, bears N 88°03'58" E, a distance of 59.64 feet;

THENCE: S 88°03'58" W, along and with the south line of said 1.639 acre "Tract 5", and the south line of another called 1.639 acre tract of land conveyed to Two Windy Hill Investments, LLC, and described as "Tract 3" in a deed recorded in Clerk's File No. 2016055730 of the Official Public Records of Galveston County, Texas, a distance of 530.75 feet to a point on the east line of said Roadway Easement, at the southwest corner of said 1.639 acre "Tract 3", at the southeast corner of this tract, for the POINT OF BEGINNING;

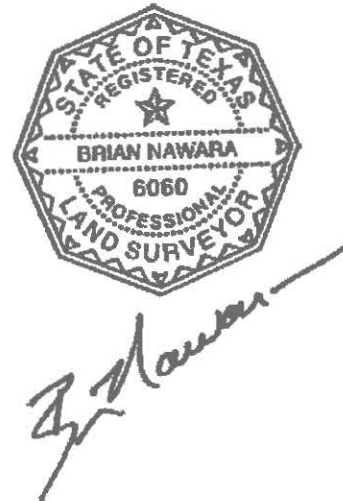
THENCE: S 88°03'58" W, continuing along and with the north line of said Autry Road, and the south line of said Roadway Easement, a distance of 60.00 feet to a point on the west line of said Roadway Easement, at the southeast corner of a called 1.639 acre tract of land conveyed to Two Windy Hill Investments, LLC, and described in a deed recorded in Clerk's File No. 2016055799 of the Official Public Records of Galveston County, Texas, for the southwest corner of this tract;

THENCE: N 02°00'03" W, departing the north line of said Autry Road, along and with the west line of said Roadway easement, the east line of said 1.639 acre tract, and the east line of a called 9.618 acre tract of land conveyed to Two Windy Hill Investments, LLC, and described as "Tract 2" in a deed recorded in Clerk's File No. 2016055730 of the Official Public Records of Galveston County, Texas, a distance of 1089.85 feet to a point of curvature;

- THENCE: Northeasterly, along and with the north line of said Roadway Easement, and the south line of said 9.618 acre tract, along a tangent curve to the right, having a radius of 85.00 feet, a central angle of 90°00'00", a chord bearing and distance of N 42°59'57" E, 120.21 feet, for an arc length of 133.52 feet to a point of tangency;
- THENCE: N 87°59'57" E, continuing along and with the north line of said Roadway Easement, the south line of said 9.618 acre tract, the south line of a called 1.016 acre tract conveyed to Two Windy Hill Investments, LLC, and described as "Tract 4" in a deed recorded in Clerk's File No. 2016055730 of the Official Public Records of Galveston County, and the south line of a called 0.936 acre tract conveyed to Two Windy Hill Investments, LLC, and described in a deed recorded in Clerk's File No. 2016055710 of the Official Public Records of Galveston County, distance of 527.15 feet to a point on the west line of said Painted Meadows Section Four, for the northeast corner of this tract;
- THENCE: Departing the north line of said Roadway easement, along and with the west line of said Painted Meadows Section Four, and the east line of the remaining portion of said Roadway Easement the following courses and distances:
- S 02°01'11" E a distance of 387.26 feet to a found 5/8 inch iron rod with a cap stamped "Costello" at the southwest corner of Block 5, Lot 1 of said Painted Meadows Section Four, for an angle point of this tract,
- N 87°58'49" E, a distance of 17.67 feet to a point, from which a found iron rod with unreadable cap bears S 02°04'36" E, a distance of 0.30 feet, for an angle point of this tract,
- S 02°01'11" E, a distance of 60.00 feet to a point for an angle point of this tract;
- THENCE: S 87°58'49" W, departing the west line of said Painted Meadows Section Four, over and across said Roadway Easement, a distance of 38.74 feet to a point on the west line of said Roadway Easement, and the east line of a called 4.152 acre tract of land conveyed to Two Windy Hill Investments, LLC, and described as "Tract 1" in a deed recorded in Clerk's File No. 2016055730 of the Official Public Records of Galveston County, Texas, for an angle point of this tract;
- THENCE: N 01°57'47" W, along and with the west line of said Roadway easement, and the east line of said 4.152 acre tract a distance of 387.27 feet to a point on the south line of said Roadway Easement, at the northeast corner of said 4.152 acre tract, for an angle point of this tract;

- THENCE: S 87°59'57" W, along and with the south line of said Roadway Easement, the north line of said 4.152 acre tract, and the north line of a called 2.149 acre tract of land conveyed to Two Windy Hill Investments, LLC, and described in a deed recorded in Clerk's File No. 2016055706 of the Official Public Records of Galveston County, Texas, a distance of 506.48 feet to a point of curvature;
- THENCE: Southwesterly, along and with the west line of said 2.149 acer tract, and the east line of said Roadway easement, along a tangent curve to the left, having a radius of 25.00 feet, a central angle of 90°00'00", a chord bearing and distance of S 42°59'57" W, 35.36 feet, for an arc length of 39.27 feet to a point of tangency;
- THENCE: S 02°00'03" E, continuing along and with the east line of said Roadway Easement, the west line of said 2.149 acre tract, the west line of said 4.152 acre tract, the west line of a called 2.00 acre tract of land conveyed to Two Windy Hill Investments, LLC, and described in a deed recorded in Clerk's File No. 2016055743 of the Official Public Records of Galveston County, Texas, and the west line of said 1.639 acre "Tract 3", a distance of 1089.92 feet to the POINT OF BEGINNING, and containing 2.556 acres in Galveston County, Texas. Said tract being described in accordance with a survey made on the ground and a survey description and map prepared under job number 49037-16 by Pape-Dawson Engineers, Inc.

PREPARED BY: Pape-Dawson Engineers, Inc.
DATE: January 27, 2017
Job No.: 49037-16
DOC. ID: K:\survey\survey16\49037-16\WORD\FN49037-16 ROW 2.556AC.docx





December 13, 2018

Mayor and City Council
City of La Marque
1111 Bayou Road
La Marque, Texas 77568

Dear Mayor and City Council:

On December 11, 2018, the Planning and Zoning Commission considered a road right of way abandonment for a portion of the 60-foot road easement (Clerks File #8843301) located in Painted Meadows Section 5 specifically overlapping lots in Block 1, Lots 1-8; Block 5, Lots 10-17, Block 4, Lots 2, 3, 16, and 17; Block 3, Lots 1-20, and Block 1, lots 2 & 3, on behalf of Two Windy Hill Investments.

By unanimous vote, Planning and Zoning Commission recommended forwarding a denial recommendation to City Council.

Thank you,



Greg Cornett, Vice Chair
Planning and Zoning Commission

Tuesday, November 27, 2018

Charlene Warren
Interim City Manager
City of La Marque
1130 1st St.
La Marque, TX 77568

Re: Petition to Abandon 60-Foot Road Easement in Painted Meadows Section 5
Letter of Recommendation

Dear Ms. Warren;

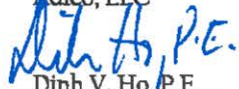
On behalf of the City of La Marque, Adico has reviewed Pape-Dawson Engineers request to release a portion of the 60-foot roadway easement in Painted Meadows Section 5 on behalf of Two Windy Hill Investments, LLC (attached).

The roadway easement currently overlaps lots in Painted Meadows Section 5, specifically affecting Block 1, Lots 1-8, Block 5, Lots 10-17, Block 4, Lots 2, 3, 16, 17, Block 3, Lots 1-20, and Block 2, Lots 2 and 3. However, Section 5 was recorded with a portion of the roadway easement not reflected on the plat, more specifically Block 1, Lots 1-7. Pape-Dawson, surveyor, has provided a letter to this effect (attached).

Attached is Painted Meadows Section 5 recorded plat with an overlay of the roadway easement as defined in the metes and bounds description from Pape Dawson.

Based on our review of the documentation provided, we have no objections to Pape-Dawson's request to abandoned the aforementioned 60-foot road easement within Painted Meadows Section 5.

Sincerely,
Adico, LLC



Dinh V. Ho, P.E.
TBPE Firm No. 16423

Cc: Sussie Sutton
Robin Eldridge
File: 18100-1-018



December 22, 2017

City of La Marque City Council
1111 Bayou Road
La Marque, TX 77568

Re: Petition to Abandon 60-Foot Road Easement in Painted Meadows Sec 5

Dear City Council,

We respectfully request that the City consider releasing a portion of the 60-foot road easement (Clerk's File No. 8843301) located in Painted Meadows Section 5 on behalf of Two Windy Hill Investments, LLC. The road easement currently overlaps lots in the Painted Meadows Section 5. Specifically, the easement we request to be released overlaps Block 1, Lots 1- 8; Block 5, Lots 10-17; Block 4, Lots 2, 3, 16, 17; Block 3, Lots 1-20, and Block 1, lots 2 & 3. The road easement is part of an old business park plan, and there is currently no roadway within the easement. The easement initiates at the southern property boundary of Painted Meadows Sec. 5 and terminates along the eastern property line of Painted Meadows Sec. 5. The legal description of the road easement to be released is attached as well as an exhibit depicting the location of the easement.

A portion of the 60-foot road easement was previously recorded with the Painted Meadows Sec. 4 plat, and has since been abandoned. This request is to abandon the remainder of the easement that exists within Painted Meadows Sec. 5.

Attached is a list of mailing addresses of all abutting property owners for the portion of the easement to be released. Again, there is no existing roadway that will currently affect physical public access to the properties.

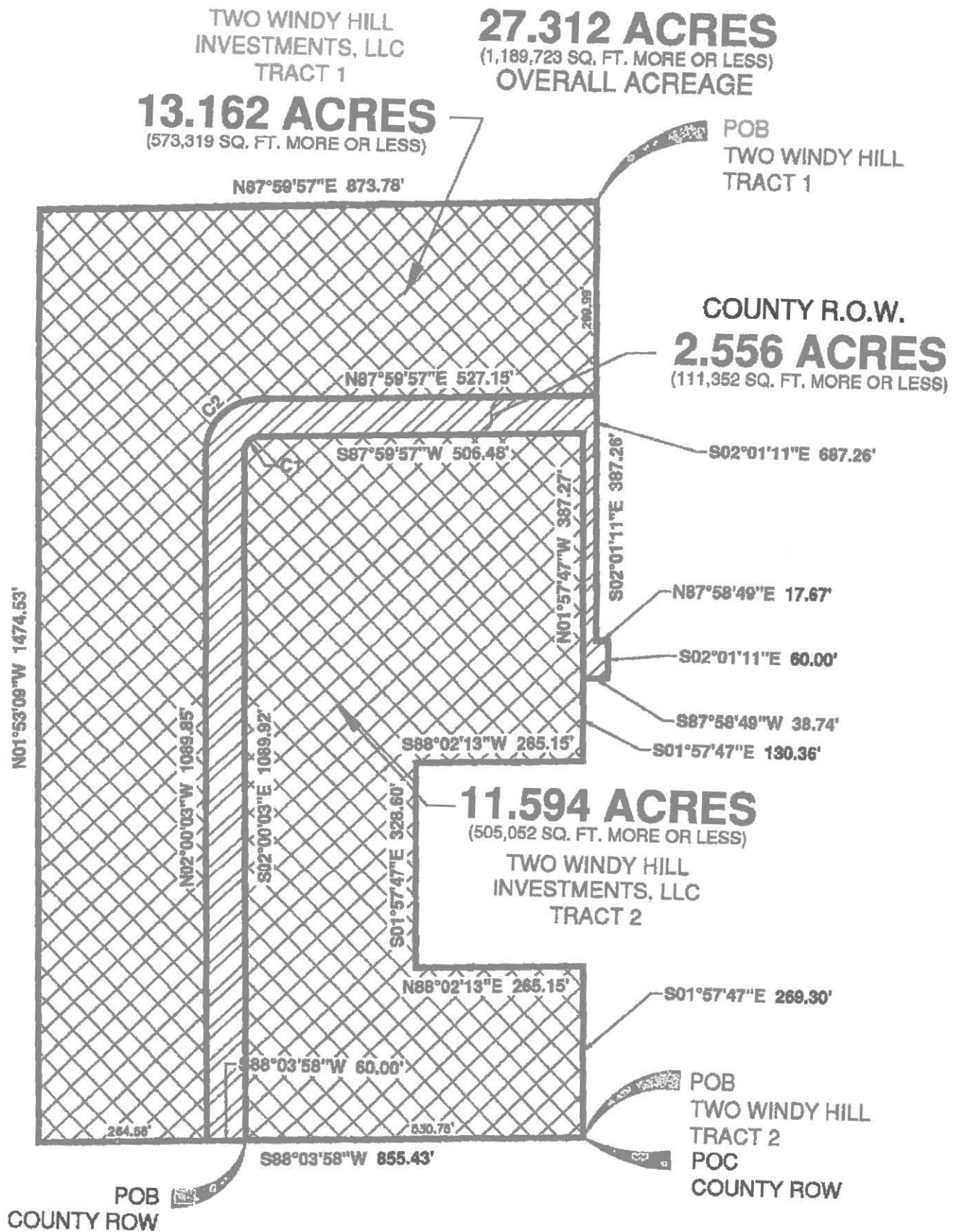
Please notify us of any additional information you may require for this request. If you have any questions or need to discuss, please contact me at 713-428-2400.

Sincerely,
Pape-Dawson Engineers, Inc.

Amanda Edmondson
Amanda Edmondson, P.E.
Sr. Project Manager

TBPE Firm Registration #470 | TBPLS Firm Registration #10193974

Houston • San Antonio • Austin • Fort Worth • Dallas
Transportation | Water Resources | Land Development | Surveying | Environmental
10333 Richmond Ave., Suite 900, Houston, TX 77042 T: 713.428.2400 www.Pape-Dawson.com





**METES AND BOUNDS DESCRIPTION
FOR**

A 2.556 acre, or 111,352 square feet more or less, tract of land, being a portion of a Roadway Easement described in Clerk's File 8843301 of the Official Public Records of Galveston County, Texas, out of the Orchard Place First Addition to Hitchcock, partially within Lots 3 and 4, as recorded in Volume 92, Page 462, of the Deed Records of Galveston County, Texas, situated in the James R. Pace Survey, Abstract 161, Galveston County, Texas. Said 2.556 acre tract being more fully described as follows, with bearings based on the Texas Coordinate System established for the South Central Zone from the North American Datum of 1983 (NA2011) epoch 2010.00:

COMMENCING: At a found 1 inch iron pipe at the southeast corner of a called 1.639 acre tract conveyed to Two Windy Hill Investments, LLC, and described as "Tract 5" in a deed recorded in Clerk's File No. 2016055730 of the Official Public Records of Galveston County, Texas; from which a found 5/8 inch iron rod with a cap stamped "Costello" at the southwest corner of Reserve "A" of Painted Meadows Section Four, as recorded in Clerk's File No. 2015007591 of the Official Public Records of Galveston County, Texas, bears N 88°03'58" E, a distance of 59.64 feet;

THENCE: S 88°03'58" W, along and with the south line of said 1.639 acre "Tract 5", and the south line of another called 1.639 acre tract of land conveyed to Two Windy Hill Investments, LLC, and described as "Tract 3" in a deed recorded in Clerk's File No. 2016055730 of the Official Public Records of Galveston County, Texas, a distance of 530.75 feet to a point on the east line of said Roadway Easement, at the southwest corner of said 1.639 acre "Tract 3", at the southeast corner of this tract, for the **POINT OF BEGINNING**;

THENCE: S 88°03'58" W, continuing along and with the north line of said Autry Road, and the south line of said Roadway Easement, a distance of 60.00 feet to a point on the west line of said Roadway Easement, at the southeast corner of a called 1.639 acre tract of land conveyed to Two Windy Hill Investments, LLC, and described in a deed recorded in Clerk's File No. 2016055799 of the Official Public Records of Galveston County, Texas, for the southwest corner of this tract;

THENCE: N 02°00'03" W, departing the north line of said Autry Road, along and with the west line of said Roadway easement, the east line of said 1.639 acre tract, and the east line of a called 9.618 acre tract of land conveyed to Two Windy Hill Investments, LLC, and described as "Tract 2" in a deed recorded in Clerk's File No. 2016055730 of the Official Public Records of Galveston County, Texas, a distance of 1089.85 feet to a point of curvature;

- THENCE: Northeasterly, along and with the north line of said Roadway Easement, and the south line of said 9.618 acre tract, along a tangent curve to the right, having a radius of 85.00 feet, a central angle of $90^{\circ}00'00''$, a chord bearing and distance of $N 42^{\circ}59'57'' E$, 120.21 feet, for an arc length of 133.52 feet to a point of tangency;
- THENCE: $N 87^{\circ}59'57'' E$, continuing along and with the north line of said Roadway Easement, the south line of said 9.618 acre tract, the south line of a called 1.016 acre tract conveyed to Two Windy Hill Investments, LLC, and described as "Tract 4" in a deed recorded in Clerk's File No. 2016055730 of the Official Public Records of Galveston County, and the south line of a called 0.936 acre tract conveyed to Two Windy Hill Investments, LLC, and described in a deed recorded in Clerk's File No. 2016055710 of the Official Public Records of Galveston County, distance of 527.15 feet to a point on the west line of said Painted Meadows Section Four, for the northeast corner of this tract;
- THENCE: Departing the north line of said Roadway easement, along and with the west line of said Painted Meadows Section Four, and the east line of the remaining portion of said Roadway Easement the following courses and distances:
- $S 02^{\circ}01'11'' E$ a distance of 387.26 feet to a found 5/8 inch iron rod with a cap stamped "Costello" at the southwest corner of Block 5, Lot 1 of said Painted Meadows Section Four, for an angle point of this tract,
- $N 87^{\circ}58'49'' E$, a distance of 17.67 feet to a point, from which a found iron rod with unreadable cap bears $S 02^{\circ}04'36'' E$, a distance of 0.30 feet, for an angle point of this tract,
- $S 02^{\circ}01'11'' E$, a distance of 60.00 feet to a point for an angle point of this tract;
- THENCE: $S 87^{\circ}58'49'' W$, departing the west line of said Painted Meadows Section Four, over and across said Roadway Easement, a distance of 38.74 feet to a point on the west line of said Roadway Easement, and the east line of a called 4.152 acre tract of land conveyed to Two Windy Hill Investments, LLC, and described as "Tract 1" in a deed recorded in Clerk's File No. 2016055730 of the Official Public Records of Galveston County, Texas, for an angle point of this tract;
- THENCE: $N 01^{\circ}57'47'' W$, along and with the west line of said Roadway easement, and the east line of said 4.152 acre tract a distance of 387.27 feet to a point on the south line of said Roadway Easement, at the northeast corner of said 4.152 acre tract, for an angle point of this tract;

THENCE: S 87°59'57" W, along and with the south line of said Roadway Easement, the north line of said 4.152 acre tract, and the north line of a called 2.149 acre tract of land conveyed to Two Windy Hill Investments, LLC, and described in a deed recorded in Clerk's File No. 2016055706 of the Official Public Records of Galveston County, Texas, a distance of 506.48 feet to a point of curvature;

THENCE: Southwesterly, along and with the west line of said 2.149 acer tract, and the east line of said Roadway easement, along a tangent curve to the left, having a radius of 25.00 feet, a central angle of 90°00'00", a chord bearing and distance of S 42°59'57" W, 35.36 feet, for an arc length of 39.27 feet to a point of tangency;

THENCE: S 02°00'03" E, continuing along and with the east line of said Roadway Easement, the west line of said 2.149 acre tract, the west line of said 4.152 acre tract, the west line of a called 2.00 acre tract of land conveyed to Two Windy Hill Investments, LLC, and described in a deed recorded in Clerk's File No. 2016055743 of the Official Public Records of Galveston County, Texas, and the west line of said 1.639 acre "Tract 3", a distance of 1089.92 feet to the POINT OF BEGINNING, and containing 2.556 acres in Galveston County, Texas. Said tract being described in accordance with a survey made on the ground and a survey description and map prepared under job number 49037-16 by Pape-Dawson Engineers, Inc.

PREPARED BY: Pape-Dawson Engineers, Inc.
DATE: January 27, 2017
Job No.: 49037-16
DOC. ID K:\survey\survey16\49037-16\WORD\FN49037-16 ROW 2.556AC.docx



A handwritten signature in black ink, appearing to read "Brian Nawara", written over the bottom right portion of the professional seal.



CITY LA MARQUE
ST TX
ZIP 77568
SITUS NO 201
SITUS 201 GOLDEN EAGLE CT LA MARQUE, TX 77568
LEGAL PAINTED MEADOWS SEC 4 (2016) ABST 161, BLOCK 5, Lot 6, ACRES 0.129
ENTITIES GGA, J05, S17, CAD, C32, P07, RFL, D01
ACRES 0.129

parcels: LEWIS COREY LEIGH

XREF 5546-0005-0005-000
ID 609982
NAME LEWIS COREY LEIGH
ADDRESS
ADDRESS2 119 GOLDEN EAGLE CT
ADDRESS3
CITY LA MARQUE
ST TX
ZIP 77568-2013
SITUS NO 119
SITUS 119 GOLDEN EAGLE CT LA MARQUE, TX 77568
LEGAL PAINTED MEADOWS SEC 4 (2016) ABST 161, BLOCK 5, Lot 5, ACRES 0.129
ENTITIES GGA, J05, S17, CAD, C32, P07, RFL, D01
ACRES 0.129

parcels: LORI KARLA

XREF 5546-0005-0004-000
ID 609981
NAME LORI KARLA
ADDRESS
ADDRESS2 117 GOLDEN EAGLE CT
ADDRESS3
CITY LA MARQUE
ST TX
ZIP 77568
SITUS NO 117
SITUS 117 GOLDEN EAGLE CT LA MARQUE, TX 77568
LEGAL PAINTED MEADOWS SEC 4 (2016) ABST 161, BLOCK 5, Lot 4, ACRES 0.129
ENTITIES GGA, J05, S17, CAD, C32, P07, RFL, D01
ACRES 0.129

parcels: DUFFY MATTHEW ROBERT & JAMIE ANN FLORY

XREF 5546-0005-0003-000
ID 609980
NAME DUFFY MATTHEW ROBERT & JAMIE ANN FLORY
ADDRESS
ADDRESS2 115 GOLDEN EAGLE CT
ADDRESS3
CITY LA MARQUE
ST TX
ZIP 77568-2013
STATUS_NO 115
STATUS 115 GOLDEN EAGLE CT LA MARQUE, TX 77568
LEGAT PAINTED MEADOWS SEC 4 (2016) ABST 161, BLOCK 5, Lot 3, ACRES 0.129
ENTITIES GGA, J05, S17, CAD, C32, P07, RFL, D01
ACRES 0.129

parcels: MOLEN ANGELA

XREF 5546-0005-0002-000
ID 609979
NAME MOLEN ANGELA
ADDRESS
ADDRESS2 113 GOLDEN EAGLE CT
ADDRESS3
CITY LA MARQUE
ST TX
ZIP 77568-2013
STATUS_NO 113
STATUS 113 GOLDEN EAGLE CT LA MARQUE, TX 77568
LEGAT PAINTED MEADOWS SEC 4 (2016) ABST 161, BLOCK 5, Lot 2, ACRES 0.129
ENTITIES GGA, J05, S17, CAD, C32, P07, RFL, D01
ACRES 0.129

parcels: SPURLOCK BRIAN MAXWELL

XREF 5546-0005-0001-000
ID 609978
NAME SPURLOCK BRIAN MAXWELL
ADDRESS
ADDRESS2 111 GOLDEN EAGLE CT
ADDRESS3
CITY LA MARQUE
ST TX

ZIP **77568**
SITUS No **111**
SITUS **111 GOLDEN EAGLE CT LA MARQUE, TX 77568**
LEGAL **PAINTED MEADOWS SEC 4 (2016) ABST 161, BLOCK 5, Lot 1, ACRES 0.151**
FINDINGS **GGA, J05, S17, CAD, C32, P07, RFL, D01**
ACRES **0.151**

TWO WINDY HILL INVESTMENTS LLC

Parcels 205276, 301798, 301799, 391417, 300496, 301566, 205275, 391419



1111 Bayou
La Marque, Texas 77568
409-938-9202

**CITY OF LA MARQUE
PLANNING AND ZONING COMMISSION
PUBLIC HEARING / REGULAR MEETING
MINUTES
OF
December 11, 2018**

Public Hearing / Regular Meeting Minutes of the City of La Marque Planning and Zoning Commission held on December 11, 2018, beginning at 4 p.m. at 1109-B Bayou Road with the following members present: Greg Cornett, Hugh Cash, Jean Gutierrez and Nancy Vidotto.

(1) CALL TO ORDER

Vice-Chairperson Greg Cornett called the meeting to order at 4:00 p.m.

**(2) ROLL CALL
PRESENT:**

Chairperson Deanna Bethea - Absent
Vice Chairperson Greg Cornett - Present
Commissioner Hugh Cash - Present
Commissioner Jean Gutierrez - Present
Commissioner Augustino Molis - Absent
Alternate Nancy Vidotto - Present

OTHER OFFICIALS/STAFF PRESENT:

Charlene Warren - Interim City Manager
Ellis Ortego - City Attorney
Sussie Sutton - Development Coordinator
Dinh Ho - ADICO Engineering Staff Engineer
Deck Shaver - Interim Public Works Director
Chaise Cary - Assistant Public Works Director
Kathleen Van Stavern - Code Compliance Supervisor

(3) INVOCATION AND PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was dispensed by the Planning & Zoning Commission, led by Vice-Chairperson Cornett.

(4) APPROVAL OF MINUTES

- a. Meeting Minutes of October 2, 2018.
Commissioner Cash motioned to approve the minutes of October 2, 2018.
Alternate Commissioner Vidotto seconded. **MOTION PASSED UNANIMOUSLY.**



1111 Bayou
La Marque, Texas 77568
409-938-9202

- b. Meeting minutes of November 13, 2018.
Commissioner Gutierrez motioned to approve the minutes of November 13, 2018. Commissioner Cash seconded. **MOTION PASSED UNANIMOUSLY.**

(5) CITIZENS PARTICIPATION.

- a. Mr. Kenneth Compton, 3227 Avenue A, La Marque, TX addressed the Commission concerning the drainage ditch behind his and his neighbors' homes and the high ponding of water since the construction of the new subdivision, Painted Meadows Section 5, behind his home.

Mr. Dinh Ho, city staff engineer, noted that a walk through was going to be conducted next week and he would see if the drainage was constructed as designed on the plans.

The Planning & Zoning Commission Meeting closed and the Public Hearing convened at 4:06 p.m.

(6) PUBLIC HEARING

Conduct a Public Hearing to hear public input regarding a request for a road right of way abandonment for a portion of the 60-foot road easement (Clerks File #8843301) located in Painted Meadows Section 5 specifically overlapping lots in Block 1, Lots 1-8; Block 5, Lots 10-17, Block 4, Lots 2, 3, 16, and 17; Block 3, Lots 1-20, and Block 1, lots 2 & 3, on behalf of Two Windy Hill Investments.

- a. Ruth Richey, 10408 Autry Drive, La Marque, TX addressed the Commission by inquiring why she received a registered letter concerning the ROW abandonment and how was the ROW abandonment going to affect her property.

Mr. Dinh Ho, city staff engineer, noted that the abandonment was a document to clean up a previously recorded plat and would not affect her property. She was notified because her property was within the required notification distance from the area to be abandoned.

The Public Hearing closed and the Planning & Zoning Commission Meeting convened at 4:26 p.m.

(7) NEW BUSINESS

- a. Discussion/possible action regarding a road right of way abandonment for a portion of the 60-foot road easement (Clerks File #8843301) located in Painted Meadows Section 5 specifically overlapping lots in Block 1, Lots 1-8; Block 5,



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Lots 10-17, Block 4, Lots 2, 3, 16, and 17; Block 3, Lots 1-20, and Block 1, lots 2 & 3, on behalf of Two Windy Hill Investments

Commissioner Gutierrez motioned to approve the road right of way abandonment for a portion of the 60-foot road easement (Clerks File #8843301) located in Painted Meadows Section 5. Alternate Commissioner Vidotto seconded. **MOTION PASSED UNANIMOUSLY.**

(8) CHAIRPERSON'S REPORT

There was no Chairperson's report.

(9) REQUESTS AND ANNOUNCEMENTS.

There were no requests nor announcements.

(10) ADJOURNMENT

Commissioner Cash motioned to adjourn the meeting at 4:26 P.M. **MOTION PASSED UNANIMOUSLY.**

Greg Cornett, Vice-Chairperson
Planning & Zoning Commission



CITY COUNCIL AGENDA FORM

Meeting Date: January 14, 2019

Agenda item: 10a

Prepared by: Chaise Cary

Reviewed by: Charlene Warren

Department: Public Services

AGENDA ITEM DESCRIPTION: Discussion/possible action regarding awarding LMC Corporation, a Job Order Contract, for the reconstruction and re-roofing of Building "C", located at 4916 FM 1765, in the amount of \$376,413.32.

☒

ATTACHMENTS FOR REFERENCE

1. LMC Contract

STAFF BRIEFING:

- Council accepted proposal from LMC Corporation for Building renovation at the regular Council Meeting of August 13, 2018.
- Subsequently, City consulting engineer and staff have developed a formal construction contract and are recommending replacement of the roof as part of this contract.
- Plans for the reconstruction have been prepared by a licensed architect and have received approval from Texas Department of Licensing and Regulation for ADA compliance.
- This project is proposed using "Job Order Contract" (JOC), a concept similar to "Buy Board" in that all pricing has been competitively bid previously, and is now managed by the Gordian Company.
- Gordian, as the manager of this JOC, has selected LMC Corporation as the general contractor.
- Contract includes the use of local vendors for electric, HVAC.
- This proposal represents the renovation cost of Building "C" which includes roof replacement.
- The \$15,000 difference between the actual bid and estimated expenditure is for contingency.
- Finance Director has reviewed.
- City Attorney has reviewed and approved.

HISTORY:

September, 2017 - City initiates process to acquire buildings

April, 2018 - Public Services relocates to Building "B"

June, 2018 - Initiate discussion with Gordian

August 13, 2018 - Proposal for Building "C" reconstruction accepted at Regular Council Meeting

TARGET IMPLEMENTATION: Upon approval of City Council, PO's can be requested

SIGNIFICANT ACTION DATES:

August 13, 2018 - City Council accepted LMC proposal as means to complete Building "C"



CITY COUNCIL AGENDA FORM

ACTION:

- | | |
|--|---|
| ☐ Ordinance | ☐ Resolution |
| ☐ Special Presentation | ☐ Proclamation |
| ☐ Finance Report | ☐ Public Hearing |
| ☒ Other - Contract | |
| ☒ Mark if this item does not conflict with any Resolution, Ordinance or City Charter, policies, procedures | |

Cost Details:

Budgeted	\$500,000.00
Actual Bid	\$361,413.32
Estimated Expenditure	\$376,413.32
Acct. Name(s)	Abundant Life BLDG ABC Project
Line Item #	65-7001-12-00-BLGABC
Other Funding	2018 CO for Capital Assets

STAFF'S RECOMMENDATION: Motion to award LMC Corporation, a Job Order Contract, for the reconstruction and re-roofing of Building "C", located at 4916 FM 1765, in the amount of \$376,413.32.

FISCAL IMPACT: \$376,413.32

Contractor Price Proposal Details - CSI

Date: 7/24/2018
Work Order #: 059683.00
Title: City of La Marque - Remodel Building
Contractor: LMC Corporation
Job Order Value: \$737,090.18
Proposal Name: City of La Marque - Remodel Building C
Proposal Value: \$293,007.00

CSI Number	Mod	UOM	Description	LineTotal										
01 - General Requirements														
1	01 22 16 00-0002	EA	Reimbursable FeesReimbursable Fees will be paid to the contractor for eligible costs. The base cost of the Reimbursable Fee is \$1.00. Insert the appropriate quantity to adjust the base cost to the actual Reimbursable Fee (e.g. quantity of 125 = \$125.00 Reimbursable Fee). If there are multiple Reimbursable Fees, list each one separately and add a comment in the "note" block to identify the Reimbursable Fee (e.g. sidewalk closure, road cut, various permits, extended warrantee, expedited shipping costs, etc.). A copy of each receipt shall be submitted with the Price Proposal.	\$69,414.00										
<table> <tr> <td></td><td>Qty</td><td>Unit Price</td><td>Factor</td><td>Total</td></tr> <tr> <td>Installation</td><td>69,414.0 X</td><td>\$1.00 X</td><td>1.0000</td><td>\$69,414.00</td></tr> </table>						Qty	Unit Price	Factor	Total	Installation	69,414.0 X	\$1.00 X	1.0000	\$69,414.00
	Qty	Unit Price	Factor	Total										
Installation	69,414.0 X	\$1.00 X	1.0000	\$69,414.00										
Contractor Notes: Crescent Electric as requested by City of La Marque 60,360.00 x 1.15 = 69,414.00														
2	01 22 16 00-0002	EA	Reimbursable FeesReimbursable Fees will be paid to the contractor for eligible costs. The base cost of the Reimbursable Fee is \$1.00. Insert the appropriate quantity to adjust the base cost to the actual Reimbursable Fee (e.g. quantity of 125 = \$125.00 Reimbursable Fee). If there are multiple Reimbursable Fees, list each one separately and add a comment in the "note" block to identify the Reimbursable Fee (e.g. sidewalk closure, road cut, various permits, extended warrantee, expedited shipping costs, etc.). A copy of each receipt shall be submitted with the Price Proposal.	\$30,069.00										
<table> <tr> <td></td><td>Qty</td><td>Unit Price</td><td>Factor</td><td>Total</td></tr> <tr> <td>Installation</td><td>30,069.0 X</td><td>\$1.00 X</td><td>1.0000</td><td>\$30,069.00</td></tr> </table>						Qty	Unit Price	Factor	Total	Installation	30,069.0 X	\$1.00 X	1.0000	\$30,069.00
	Qty	Unit Price	Factor	Total										
Installation	30,069.0 X	\$1.00 X	1.0000	\$30,069.00										
Contractor Notes: Alex's AC as requested by City of La Marque 26,147.00 x 1.15 = 30,069.00														
3	01 52 19 00-0002	WK	Portable Toilets, Chemical	\$2,041.56										
<table> <tr> <td></td><td>Qty</td><td>Unit Price</td><td>Factor</td><td>Total</td></tr> <tr> <td>Installation</td><td>32.00 X</td><td>\$53.33 X</td><td>1.1963</td><td>\$2,041.56</td></tr> </table>						Qty	Unit Price	Factor	Total	Installation	32.00 X	\$53.33 X	1.1963	\$2,041.56
	Qty	Unit Price	Factor	Total										
Installation	32.00 X	\$53.33 X	1.1963	\$2,041.56										
Contractor Notes: 2 units for 4 months														
4	01 52 19 00-0002	0006 MOD	For Each Additional Servicing Per Unit Per Week, Add	\$897.23										
<table> <tr> <td></td><td>Qty</td><td>Unit Price</td><td>Factor</td><td>Total</td></tr> <tr> <td>Installation</td><td>30.00 X</td><td>\$25.00 X</td><td>1.1963</td><td>\$897.23</td></tr> </table>						Qty	Unit Price	Factor	Total	Installation	30.00 X	\$25.00 X	1.1963	\$897.23
	Qty	Unit Price	Factor	Total										
Installation	30.00 X	\$25.00 X	1.1963	\$897.23										

CSI Number	Mod	UOM	Description	LineTotal
01 - General Requirements				
5	01 52 19 00-0006	WK	Two Station Portable Handwash	\$522.35
			Qty Unit Price Factor Total	
			Installation 16.00 X \$27.29 X 1.1963 \$522.35	
			Contractor Notes: 1 unit for 4 months	
6	01 74 13 00-0003	CY	Collect Existing Debris And Load Into Truck Or DumpsterPer CY of debris removed.	\$848.89
			Qty Unit Price Factor Total	
			Installation 80.00 X \$8.87 X 1.1963 \$848.89	
7	01 74 19 00-0017	EA	40 CY Dumpster (5 Ton) "Construction Debris"Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	\$1,313.49
			Qty Unit Price Factor Total	
			Installation 2.00 X \$548.98 X 1.1963 \$1,313.49	
Subtotal for 01 - General Requirements:				\$105,106.52
02 - Existing Conditions				
8	02 41 13 13-0031	SY	>3" To 6" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	\$505.13
			Qty Unit Price Factor Total	
			Installation 29.00 X \$14.56 X 1.1963 \$505.13	
9	02 41 19 13-0063	EA	Saw Cut Minimum ChargeFor projects where the total saw cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	\$1,153.35
			Qty Unit Price Factor Total	
			Installation 2.00 X \$482.05 X 1.1963 \$1,153.35	
10	02 85 33 00-0121	CSF	Wipe Down Walls With Mild Bleach Solution	\$39.37
			Qty Unit Price Factor Total	
			Installation 3.00 X \$10.97 X 1.1963 \$39.37	
			Contractor Notes: wipe down woodwork at ceiling coffer at conference room. no guarantee to remove stains	
Subtotal for 02 - Existing Conditions:				\$1,697.85
03 - Concrete				
11	03 11 13 00-0005	SF	Mat Foundation Wood Formwork	\$1,243.20
			Qty Unit Price Factor Total	
			Installation 240.00 X \$4.33 X 1.1963 \$1,243.19	
12	03 11 13 00-0005	0001 MOD	For <1,000, Add	\$226.82
			Qty Unit Price Factor Total	
			Installation 240.00 X \$0.79 X 1.1963 \$226.82	
13	03 21 11 00-0005	LF	#6, Grade 40, Beams And Girders, Steel Reinforcement Bar	\$559.87
			Qty Unit Price Factor Total	
			Installation 400.00 X \$1.17 X 1.1963 \$559.87	

CSI Number	Mod	UOM	Description	LineTotal
03 - Concrete				
14	03 21 16 00-0171	EA	1/2" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	\$145.71
			Qty Unit Price Factor Total	
			Installation 60.00 X \$2.03 X 1.1963	\$145.71
15	03 31 13 00-0035	CY	Up To 6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade	\$1,445.97
			Qty Unit Price Factor Total	
			Installation 9.00 X \$134.30 X 1.1963	\$1,445.97
16	03 31 13 00-0035	0029 MOD	For 3,500 PSI Concrete, Add	\$64.49
			Qty Unit Price Factor Total	
			Installation 9.00 X \$5.99 X 1.1963	\$64.49
17	03 31 13 00-0035	0040 MOD	For Up To 20, Add	\$62.88
			Qty Unit Price Factor Total	
			Installation 9.00 X \$5.84 X 1.1963	\$62.88
18	03 35 16 00-0004	SF	Concrete Floor Finishes, Broom	\$87.09
			Qty Unit Price Factor Total	
			Installation 140.00 X \$0.52 X 1.1963	\$87.09
19	03 35 16 00-0004	0051 MOD	For >50 To 250, Add	\$87.09
			Qty Unit Price Factor Total	
			Installation 140.00 X \$0.52 X 1.1963	\$87.09
20	03 35 16 00-0006	SF	Concrete Floor Finishes, Steel Trowel	\$59.43
			Qty Unit Price Factor Total	
			Installation 72.00 X \$0.69 X 1.1963	\$59.43
21	03 35 26 00-0002	SF	Ramp, Grooved Concrete Surface Finishing	\$54.55
			Qty Unit Price Factor Total	
			Installation 20.00 X \$2.28 X 1.1963	\$54.55
22	03 54 16 00-0003	SF	1/4" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation	\$7,302.22
			Qty Unit Price Factor Total	
			Installation 2,800.00 X \$2.18 X 1.1963	\$7,302.22
Subtotal for 03 - Concrete:				\$11,339.32
05 - Metals				
23	05 05 23 00-1207	LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	\$44.74
			Qty Unit Price Factor Total	
			Installation 20.00 X \$1.87 X 1.1963	\$44.74
24	05 05 23 00-1434	EA	3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	\$2.63
			Qty Unit Price Factor Total	
			Installation 20.00 X \$0.11 X 1.1963	\$2.63
25	05 43 00 00-0003	LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	\$157.43
			Qty Unit Price Factor Total	
			Installation 20.00 X \$6.58 X 1.1963	\$157.43

CSI Number	Mod	UOM	Description	LineTotal
05 - Metals				
Subtotal for 05 - Metals:				\$204.80
06 - Wood, Plastic, and Composites				
26	06 41 13 00-0021	EA	24" To 27" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door CabinetPrenished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	\$2,322.08
			Qty Unit Price Factor Total	
			Installation 5.00 X \$388.21 X 1.1963 \$2,322.08	
		Contractor Notes: Office 104		
27	06 41 13 00-0021	0057 MOD	For ADA Cabinet Units (Includes All ADA Hardware), Add	\$391.07
			Qty Unit Price Factor Total	
			Installation 5.00 X \$65.38 X 1.1963 \$391.07	
28	06 41 13 00-0021	0067 MOD	For Premium Grade, Add	\$977.68
			Qty Unit Price Factor Total	
			Installation 5.00 X \$163.45 X 1.1963 \$977.68	
29	06 41 13 00-0021	0124 MOD	For 3 Drawer Unit, Add	\$117.32
			Qty Unit Price Factor Total	
			Installation 3.00 X \$32.69 X 1.1963 \$117.32	
30	06 41 13 00-0021	EA	24" To 27" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door CabinetPrenished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	\$464.42
			Qty Unit Price Factor Total	
			Installation 1.00 X \$388.21 X 1.1963 \$464.42	
		Contractor Notes: Breakroom		
31	06 41 13 00-0021	0057 MOD	For ADA Cabinet Units (Includes All ADA Hardware), Add	\$78.21
			Qty Unit Price Factor Total	
			Installation 1.00 X \$65.38 X 1.1963 \$78.21	
32	06 41 13 00-0021	0067 MOD	For Premium Grade, Add	\$195.54
			Qty Unit Price Factor Total	
			Installation 1.00 X \$163.45 X 1.1963 \$195.54	
33	06 41 13 00-0021	0124 MOD	For 3 Drawer Unit, Add	\$39.11
			Qty Unit Price Factor Total	
			Installation 1.00 X \$32.69 X 1.1963 \$39.11	
34	06 41 13 00-0022	EA	>27"-30" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door CabinetPrenished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	\$494.90
			Qty Unit Price Factor Total	
			Installation 1.00 X \$413.69 X 1.1963 \$494.90	
		Contractor Notes: breakroom		

CSI Number	Mod	UOM	Description	LineTotal
06 - Wood, Plastic, and Composites				
35	06 41 13 00-0022	0057	MOD For ADA Cabinet Units (Includes All ADA Hardware), Add	\$83.25
			Qty Unit Price Factor Total	
			Installation 1.00 X \$69.59 X 1.1963 \$83.25	
36	06 41 13 00-0022	0067	MOD For Premium Grade, Add	\$208.13
			Qty Unit Price Factor Total	
			Installation 1.00 X \$173.98 X 1.1963 \$208.13	
37	06 41 13 00-0022	0124	MOD For 3 Drawer Unit, Add	\$41.63
			Qty Unit Price Factor Total	
			Installation 1.00 X \$34.80 X 1.1963 \$41.63	
38	06 41 13 00-0023	EA	>30"-33" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door CabinetPrefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	\$516.38
			Qty Unit Price Factor Total	
			Installation 1.00 X \$431.65 X 1.1963 \$516.38	
			Contractor Notes: reception 102	
39	06 41 13 00-0023	0057	MOD For ADA Cabinet Units (Includes All ADA Hardware), Add	\$87.16
			Qty Unit Price Factor Total	
			Installation 1.00 X \$72.86 X 1.1963 \$87.16	
40	06 41 13 00-0023	0067	MOD For Premium Grade, Add	\$217.92
			Qty Unit Price Factor Total	
			Installation 1.00 X \$182.16 X 1.1963 \$217.92	
41	06 41 13 00-0024	EA	>33"-36" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door CabinetPrefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	\$530.25
			Qty Unit Price Factor Total	
			Installation 1.00 X \$443.24 X 1.1963 \$530.25	
			Contractor Notes: breakroom	
42	06 41 13 00-0024	0057	MOD For ADA Cabinet Units (Includes All ADA Hardware), Add	\$89.56
			Qty Unit Price Factor Total	
			Installation 1.00 X \$74.86 X 1.1963 \$89.56	
43	06 41 13 00-0024	0067	MOD For Premium Grade, Add	\$223.89
			Qty Unit Price Factor Total	
			Installation 1.00 X \$187.15 X 1.1963 \$223.89	
44	06 41 13 00-0024	EA	>33"-36" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door CabinetPrefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	\$1,060.50
			Qty Unit Price Factor Total	
			Installation 2.00 X \$443.24 X 1.1963 \$1,060.50	
			Contractor Notes: reception 102	

CSI Number	Mod	UOM	Description	LineTotal	
06 - Wood, Plastic, and Composites					
45	06 41 13 00-0024	0057	MOD	For ADA Cabinet Units (Includes All ADA Hardware), Add	\$179.11
				Qty Unit Price Factor Total	
			Installation	2.00 X \$74.86 X 1.1963	\$179.11
46	06 41 13 00-0024	0067	MOD	For Premium Grade, Add	\$447.78
				Qty Unit Price Factor Total	
			Installation	2.00 X \$187.15 X 1.1963	\$447.78
47	06 41 13 00-0024		EA	>33"-36" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door CabinetPrefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	\$530.25
				Qty Unit Price Factor Total	
			Installation	1.00 X \$443.24 X 1.1963	\$530.25
			Contractor Notes: breakroom		
48	06 41 13 00-0024	0057	MOD	For ADA Cabinet Units (Includes All ADA Hardware), Add	\$89.56
				Qty Unit Price Factor Total	
			Installation	1.00 X \$74.86 X 1.1963	\$89.56
49	06 41 13 00-0024	0067	MOD	For Premium Grade, Add	\$223.89
				Qty Unit Price Factor Total	
			Installation	1.00 X \$187.15 X 1.1963	\$223.89
50	06 41 13 00-0078		EA	>30" To 36" Wide, 15" High x 13" Deep Double Door Wall CabinetPrefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	\$265.36
				Qty Unit Price Factor Total	
			Installation	1.00 X \$221.82 X 1.1963	\$265.36
			Contractor Notes: microwave cabinet at breakroom		
51	06 41 13 00-0078	0067	MOD	For Premium Grade, Add	\$115.68
				Qty Unit Price Factor Total	
			Installation	1.00 X \$96.70 X 1.1963	\$115.68
52	06 46 36 00-0498		LF	3/4" x 5-1/2" Custom Shaped Red Oak	\$539.53
				Qty Unit Price Factor Total	
			Installation	100.00 X \$4.51 X 1.1963	\$539.53
			Contractor Notes: trim at conference room between current panels and bottom drywall		
Subtotal for 06 - Wood, Plastic, and Composites:					\$10,530.15
07 - Thermal And Moisture Protection					
53	07 21 16 00-0012		SF	3-1/2" Thick, Unfaced, R-13 Fiberglass Flexible Insulation	\$1,151.18
				Qty Unit Price Factor Total	
			Installation	1,188.00 X \$0.81 X 1.1963	\$1,151.18
			Contractor Notes: sound insulation at restroom & Breakroom walls		

CSI Number	Mod	UOM	Description	LineTotal
07 - Thermal And Moisture Protection				
54	07 21 16 00-0014	SF	5-1/2" Thick, Unfaced, R-21 Fiberglass Flexible Insulation	\$5,901.95
			Qty Unit Price Factor Total	
			Installation 3,575.00 X \$1.21 X 1.1963	\$5,174.89
			Demolition 3,575.00 X 0.17 X 1.1963	\$727.05
			Contractor Notes: New insulation at ceiling grid per drawings	
55	07 92 13 00-0017	CLF	1/4" x 1/4" Joint, Acrylic/Latex Sealant And Caulking	\$714.86
			Qty Unit Price Factor Total	
			Installation 4.00 X \$149.39 X 1.1963	\$714.86
56	07 92 13 00-0035	CLF	3/8" x 3/8" Joint, Polyurethane Sealant And Caulking	\$49.73
			Qty Unit Price Factor Total	
			Installation 0.20 X \$207.86 X 1.1963	\$49.73
			Contractor Notes: @ Thresholds	
Subtotal for 07 - Thermal And Moisture Protection:				\$7,817.72
08 - Openings				
57	08 12 13 13-0041	EA	3' x 6'-8" Through 7'-2" x 5-3/4" Deep Metal Door Frame, 16 Gauge	\$5,300.75
			Qty Unit Price Factor Total	
			Installation 23.00 X \$192.65 X 1.1963	\$5,300.75
58	08 12 13 13-0041	0070 MOD	For Auxiliary Frame Reinforcement For Hinges, Add	\$464.18
			Qty Unit Price Factor Total	
			Installation 23.00 X \$16.87 X 1.1963	\$464.18
59	08 12 13 13-0041	0079 MOD	For Baked Enamel Finish, Add	\$1,259.36
			Qty Unit Price Factor Total	
			Installation 23.00 X \$45.77 X 1.1963	\$1,259.36
60	08 12 13 13-0041	0080 MOD	For 3/4 Hour Rating, Add	\$514.17
			Qty Unit Price Factor Total	
			Installation 14.00 X \$30.70 X 1.1963	\$514.17
61	08 14 16 00-0149	EA	3'-0" x 7' x 1-3/4" Solid Core Plastic Laminated Door	\$10,325.52
			Qty Unit Price Factor Total	
			Installation 23.00 X \$375.27 X 1.1963	\$10,325.52
62	08 14 16 00-0149	0135 MOD	For Machining for Mortise Lock, Add	\$963.02
			Qty Unit Price Factor Total	
			Installation 23.00 X \$35.00 X 1.1963	\$963.02
63	08 14 16 00-0149	0136 MOD	For Commercial Grade 20 Minute Fire Rated Door, Add	\$657.53
			Qty Unit Price Factor Total	
			Installation 14.00 X \$39.26 X 1.1963	\$657.53
64	08 43 13 00-0002	SF	Aluminum Storefront Framing	\$263.78
			Qty Unit Price Factor Total	
			Installation 18.00 X \$12.25 X 1.1963	\$263.78
			Contractor Notes: end wall caps at cased openings	

CSI Number	Mod	UOM	Description	LineTotal
08 - Openings				
65	08 71 16 00-0010	PR	4-1/2" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	\$2,250.17
			Qty Unit Price Factor Total	
		Installation	34.50 X \$54.52 X 1.1963	\$2,250.17
66	08 71 16 00-0010	0226 MOD	For Pair Of Non-Removable Pins (NRP), Add	\$247.63
			Qty Unit Price Factor Total	
		Installation	34.50 X \$6.00 X 1.1963	\$247.63
67	08 71 16 00-0537	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Cast Brass Wall Bumper (Ives WS401/402)	\$603.40
			Qty Unit Price Factor Total	
		Installation	23.00 X \$21.93 X 1.1963	\$603.40
68	08 71 16 00-2243	EA	Surface Mounted Heavy Duty Door Closer (LCN 4040XP/4041 Series)	\$6,175.56
			Qty Unit Price Factor Total	
		Installation	17.00 X \$303.66 X 1.1963	\$6,175.56
Contractor Notes: Per Hardware schedule				
69	08 71 16 00-2243	0275 MOD	For AVB (5 LB Per Push), Add	\$134.22
			Qty Unit Price Factor Total	
		Installation	17.00 X \$6.60 X 1.1963	\$134.22
70	08 71 16 00-2287	EA	Heavy Duty Cylindrical Entrance Lockset F82Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3600).	\$6,610.73
			Qty Unit Price Factor Total	
		Installation	23.00 X \$240.26 X 1.1963	\$6,610.73
71	08 81 26 00-0048	SF	3/8" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	\$1,205.12
			Qty Unit Price Factor Total	
		Installation	63.00 X \$15.99 X 1.1963	\$1,205.12
72	08 81 26 00-0048	0058 MOD	For One Piece Heat Strengthened Glass, Add	\$134.91
			Qty Unit Price Factor Total	
		Installation	63.00 X \$1.79 X 1.1963	\$134.91
73	08 81 26 00-0048	0066 MOD	For Tinted Glass, Add	\$168.82
			Qty Unit Price Factor Total	
		Installation	63.00 X \$2.24 X 1.1963	\$168.82
74	08 81 26 00-0048	0304 MOD	For Glass Removal And Preparing Opening For New Glazing, Add	\$530.58
			Qty Unit Price Factor Total	
		Installation	63.00 X \$7.04 X 1.1963	\$530.58
75	08 85 00 00-0003	LF	Neoprene Glazing Gasket, 3/8" Glass Tongued Section / Tongued Mullion	\$395.68
			Qty Unit Price Factor Total	
		Installation	75.00 X \$3.67 X 1.1963	\$329.28
		Demolition	75.00 X 0.74 X 1.1963	\$66.39

CSI Number	Mod	UOM	Description	LineTotal
Subtotal for 08 - Openings:				\$38,205.13
09 - Finishes				
76	09 01 20 00-0002	SF	Up To 2 SF, Cut And Patch Hole In Drywall To Match ExistingPer location.	\$271.68
			Qty Unit Price Factor Total	
			Installation 30.00 X \$7.57 X 1.1963	\$271.68
			Contractor Notes: Patching where electrical devices are relocated for ADA and other areas.	
77	09 22 16 13-0010	SF	3-5/8" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	\$5,765.24
			Qty Unit Price Factor Total	
			Installation 2,600.00 X \$1.71 X 1.1963	\$5,318.75
			Demolition 1,287.00 X 0.29 X 1.1963	\$446.50
78	09 29 00 00-0013	SF	5/8" Type X Fire Rated Gypsum Board	\$6,337.71
			Qty Unit Price Factor Total	
			Installation 5,200.00 X \$0.90 X 1.1963	\$5,598.68
			Demolition 2,574.00 X 0.24 X 1.1963	\$739.03
79	09 29 00 00-0056	SF	Up To 10' High, Walls, Tape, Spackle And Finish Gypsum Board	\$2,220.33
			Qty Unit Price Factor Total	
			Installation 5,800.00 X \$0.32 X 1.1963	\$2,220.33
80	09 29 00 00-0062	LF	Up To 10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board	\$994.05
			Qty Unit Price Factor Total	
			Installation 1,259.00 X \$0.66 X 1.1963	\$994.05
81	09 29 00 00-0070	SF	Spray Applied Orange Peel Finish On Existing Gypsum Board Wall	\$1,179.55
			Qty Unit Price Factor Total	
			Installation 5,800.00 X \$0.17 X 1.1963	\$1,179.55
82	09 29 00 00-0074	LF	Corner Bead, Galvanized Steel For Gypsum Board	\$2,871.12
			Qty Unit Price Factor Total	
			Installation 1,250.00 X \$1.52 X 1.1963	\$2,272.97
			Demolition 1,250.00 X 0.4 X 1.1963	\$598.15
83	09 30 16 00-0002	SF	Glazed Quarry Floor Tile	\$2,581.62
			Qty Unit Price Factor Total	
			Installation 200.00 X \$10.79 X 1.1963	\$2,581.62
84	09 30 16 00-0002	0060 MOD	For >50 To 250, Add	\$153.13
			Qty Unit Price Factor Total	
			Installation 200.00 X \$0.64 X 1.1963	\$153.13
85	09 30 16 00-0004	SF	Glazed Quarry Wall Tile	\$3,038.22
			Qty Unit Price Factor Total	
			Installation 222.00 X \$11.44 X 1.1963	\$3,038.22

CSI Number	Mod	UOM	Description	LineTotal
09 - Finishes				
86	09 30 16 00-0004	0065	MOD For >50 To 250, Add	\$204.50
			Qty Unit Price Factor Total	
			Installation 222.00 X \$0.77 X 1.1963	\$204.50
87	09 30 16 00-0006		LF 6" High Glazed Quarry Tile Cove Base Or Trim	\$514.77
			Qty Unit Price Factor Total	
			Installation 26.00 X \$16.55 X 1.1963	\$514.77
88	09 31 00 00-0001		SF Thin Set - Latex Portland Cement Mortar	\$393.06
			Qty Unit Price Factor Total	
			Installation 444.00 X \$0.74 X 1.1963	\$393.06
89	09 51 13 00-0017		SF 2' x 2' x 5/8" Mineral Fiber Acoustical Ceiling Panels	\$5,509.56
			Qty Unit Price Factor Total	
			Installation 3,775.00 X \$0.98 X 1.1963	\$4,425.71
			Demolition 3,775.00 X 0.24 X 1.1963	\$1,083.85
90	09 51 13 00-0017	0089	MOD For Fire Rated Panels, Add	\$1,987.05
			Qty Unit Price Factor Total	
			Installation 3,775.00 X \$0.44 X 1.1963	\$1,987.05
91	09 51 13 00-0017	0106	MOD For Single Angled Tegular Edge (Reveal), Add	\$1,264.49
			Qty Unit Price Factor Total	
			Installation 3,775.00 X \$0.28 X 1.1963	\$1,264.49
92	09 53 23 00-0004		SF 2' x 2' Grid, 15/16" T Bar Ceiling Suspension System	\$2,105.49
			Qty Unit Price Factor Total	
			Installation 1,100.00 X \$1.60 X 1.1963	\$2,105.49
93	09 53 23 00-0004	0120	MOD For UL Listed (Fire Guard), Add	\$131.59
			Qty Unit Price Factor Total	
			Installation 1,100.00 X \$0.10 X 1.1963	\$131.59
94	09 53 23 00-0005		SF 2' x 4' Grid, 15/16" T Bar Ceiling Suspension System	\$263.19
			Qty Unit Price Factor Total	
			Installation 0.00 X \$1.33 X 1.1963	\$0.00
			Demolition 1,100.00 X 0.2 X 1.1963	\$263.19
95	09 53 23 00-0007		SF 2', 15/16" Suspended Ceiling Cross TeeCan be used to convert an existing 2' x 4' suspension system to a 2' x 2' system or to replace an individual component.	\$1,716.09
			Qty Unit Price Factor Total	
			Installation 3,775.00 X \$0.38 X 1.1963	\$1,716.09
96	09 65 13 13-0002		LF 4" High, 1/8" Vinyl Plastic Base, All Colors	\$2,248.09
			Qty Unit Price Factor Total	
			Installation 1,080.00 X \$1.74 X 1.1963	\$2,248.09

CSI Number	Mod	UOM	Description	LineTotal
09 - Finishes				
97	09 65 13 33-0005	SF	Remove Glue From Concrete FloorFor removal of glue from VCT or carpet placement. Not to be used in conjunction with demolition tasks associated with floor tile installation.	\$2,095.62
			Qty Unit Price Factor Total	
			Installation 3,575.00 X \$0.49 X 1.1963 \$2,095.62	
98	09 65 19 19-0012	SF	1/8" Thick, Static Dissipative, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® SDT™)	\$27,186.52
			Qty Unit Price Factor Total	
			Installation 3,775.00 X \$6.02 X 1.1963 \$27,186.52	
			Contractor Notes: LVT per drawings	
99	09 68 13 00-0009	SY	30 Ounce, Non Patterned, Nylon Carpet Tile	\$1,139.83
			Qty Unit Price Factor Total	
			Installation 24.00 X \$39.70 X 1.1963 \$1,139.83	
100	09 91 23 00-0062	SF	Paint Interior Plaster/Drywall Walls, 1 Coat Primer, Brush/Roller Work	\$4,217.10
			Qty Unit Price Factor Total	
			Installation 10,368.0 X \$0.34 X 1.1963 \$4,217.10	
			0	
101	09 91 23 00-0064	SF	Paint Interior Plaster/Drywall Walls, 2 Coats Paint, Brush/Roller Work	\$8,062.11
			Qty Unit Price Factor Total	
			Installation 10,368.0 X \$0.65 X 1.1963 \$8,062.10	
			0	
102	09 91 23 00-0064	0264 MOD	For Each Coat With Egg Shell Finish, Add	\$248.06
			Qty Unit Price Factor Total	
			Installation 20,736.0 X \$0.01 X 1.1963 \$248.06	
			0	
103	09 91 23 00-0179	LF	Paint Interior Ceiling Tile Grid, 1 Coat Paint, Brush/Roller Work	\$496.76
			Qty Unit Price Factor Total	
			Installation 3,775.00 X \$0.11 X 1.1963 \$496.76	
			Subtotal for 09 - Finishes:	\$85,196.53
10 - Specialties				
104	10 21 13 13-0004	EA	36" x 60", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	\$161.82
			Qty Unit Price Factor Total	
			Installation 0.00 X \$570.54 X 1.1963 \$0.00	
			Demolition 3.00 X 45.09 X 1.1963 \$161.82	
105	10 28 13 13-0010	EA	Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-359)	\$274.91
			Qty Unit Price Factor Total	
			Installation 2.00 X \$114.90 X 1.1963 \$274.91	

CSI Number	Mod	UOM	Description	LineTotal
10 - Specialties				
106	10 28 13 13-0019	EA	Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Folded Paper Towel Dispenser (Bobrick Matrix B-5262)	\$99.94
			Qty Unit Price Factor Total	
		Installation	2.00 X \$41.77 X 1.1963	\$99.94
107	10 28 13 13-0027	EA	Two Roll, Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Toilet Tissue Dispenser (Bobrick B-5288)	\$99.48
			Qty Unit Price Factor Total	
		Installation	2.00 X \$41.58 X 1.1963	\$99.48
108	10 28 13 13-0060	EA	40 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser (Bobrick Contura B-4112)	\$173.56
			Qty Unit Price Factor Total	
		Installation	2.00 X \$72.54 X 1.1963	\$173.56
109	10 28 13 13-0128	EA	36" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x36)	\$150.95
			Qty Unit Price Factor Total	
		Installation	2.00 X \$63.09 X 1.1963	\$150.95
110	10 28 13 13-0129	EA	42" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x42)	\$156.55
			Qty Unit Price Factor Total	
		Installation	2.00 X \$65.43 X 1.1963	\$156.55
111	10 28 13 13-0268	EA	Single Stainless Steel Robe Hook (Bobrick B-233)	\$44.79
			Qty Unit Price Factor Total	
		Installation	2.00 X \$18.72 X 1.1963	\$44.79
112	10 28 13 13-0332	EA	36" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-36x36)	\$220.79
			Qty Unit Price Factor Total	
		Installation	1.00 X \$184.56 X 1.1963	\$220.79
113	10 28 13 13-0334	EA	72" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-72x36)	\$436.22
			Qty Unit Price Factor Total	
		Installation	1.00 X \$364.64 X 1.1963	\$436.22
114	10 28 13 13-0360	EA	36" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x36)	\$117.99
			Qty Unit Price Factor Total	
		Installation	1.00 X \$98.63 X 1.1963	\$117.99
115	10 56 13 16-0004	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 12" Wide Shelf	\$1,087.87
			Qty Unit Price Factor Total	
		Installation	12.00 X \$75.78 X 1.1963	\$1,087.87
Contractor Notes: Janitor closets				
Subtotal for 10 - Specialties:				\$3,024.87

CSI Number	Mod	UOM	Description	LineTotal
12 - Furnishings				
116	12 35 70 13-0037	LF	25" Self Edge Laminate Countertop With Backsplash	\$1,997.58
			Qty Unit Price Factor Total	
			Installation 10.00 X \$166.98 X 1.1963 \$1,997.58	
		Contractor Notes: Office 104		
117	12 35 70 13-0037	LF	25" Self Edge Laminate Countertop With Backsplash	\$2,996.37
			Qty Unit Price Factor Total	
			Installation 15.00 X \$166.98 X 1.1963 \$2,996.37	
		Contractor Notes: restrooms		
118	12 35 70 13-0037	LF	25" Self Edge Laminate Countertop With Backsplash	\$1,797.82
			Qty Unit Price Factor Total	
			Installation 9.00 X \$166.98 X 1.1963 \$1,797.82	
		Contractor Notes: breakroom		
119	12 35 70 13-0037	LF	25" Self Edge Laminate Countertop With Backsplash	\$2,297.22
			Qty Unit Price Factor Total	
			Installation 11.50 X \$166.98 X 1.1963 \$2,297.22	
		Contractor Notes: Reception 102		
120	12 36 23 13-0004	LF	Plastic Laminate Counter Top With Backsplash, Up To 26" Deep	\$515.51
			Qty Unit Price Factor Total	
			Installation 18.00 X \$23.94 X 1.1963 \$515.51	
		Contractor Notes: writing ledge countertops at 102 & 104		
Subtotal for 12 - Furnishings:				\$9,604.51
22 - Plumbing				
121	22 07 19 00-0423	LF	1/2" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	\$257.68
			Qty Unit Price Factor Total	
			Installation 60.00 X \$2.92 X 1.1963 \$209.59	
			Demolition 30.00 X 1.34 X 1.1963 \$48.09	
122	22 07 19 00-0424	LF	3/4" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	\$537.62
			Qty Unit Price Factor Total	
			Installation 120.00 X \$3.05 X 1.1963 \$437.85	
			Demolition 60.00 X 1.39 X 1.1963 \$99.77	
123	22 11 16 00-0350	LF	1/2" Hard Drawn Type L Copper Tube/Pipe	\$701.99
			Qty Unit Price Factor Total	
			Installation 120.00 X \$3.61 X 1.1963 \$518.24	
			Demolition 120.00 X 1.28 X 1.1963 \$183.75	
124	22 11 16 00-0351	LF	3/4" Hard Drawn Type L Copper Tube/Pipe	\$858.46
			Qty Unit Price Factor Total	
			Installation 120.00 X \$4.62 X 1.1963 \$663.23	
			Demolition 120.00 X 1.36 X 1.1963 \$195.24	

CSI Number	Mod	UOM	Description	LineTotal
22 - Plumbing				
125	22 11 16 00-0352	LF	1" Hard Drawn Type L Copper Tube/Pipe	\$450.41
			Qty Unit Price Factor Total	
			Installation 50.00 X \$5.99 X 1.1963	\$358.29
			Demolition 50.00 X 1.54 X 1.1963	\$92.12
126	22 11 16 00-0615	EA	1/2" Crimped Copper 90 Degree Elbow	\$392.63
			Qty Unit Price Factor Total	
			Installation 20.00 X \$10.09 X 1.1963	\$241.41
			Demolition 20.00 X 6.32 X 1.1963	\$151.21
127	22 11 16 00-0616	EA	3/4" Crimped Copper 90 Degree Elbow	\$455.55
			Qty Unit Price Factor Total	
			Installation 20.00 X \$11.83 X 1.1963	\$283.04
			Demolition 20.00 X 7.21 X 1.1963	\$172.51
128	22 11 16 00-0617	EA	1" Crimped Copper 90 Degree Elbow	\$225.67
			Qty Unit Price Factor Total	
			Installation 8.00 X \$15.00 X 1.1963	\$143.56
			Demolition 8.00 X 8.58 X 1.1963	\$82.11
129	22 11 16 00-0635	EA	1/2" Crimped Copper Straight Tee	\$117.86
			Qty Unit Price Factor Total	
			Installation 4.00 X \$15.16 X 1.1963	\$72.54
			Demolition 4.00 X 9.47 X 1.1963	\$45.32
130	22 11 16 00-0636	EA	3/4" Crimped Copper Straight Tee	\$157.05
			Qty Unit Price Factor Total	
			Installation 4.00 X \$20.35 X 1.1963	\$97.38
			Demolition 4.00 X 12.47 X 1.1963	\$59.67
131	22 11 16 00-0637	EA	1" Crimped Copper Straight Tee	\$45.03
			Qty Unit Price Factor Total	
			Installation 1.00 X \$23.81 X 1.1963	\$28.48
			Demolition 1.00 X 13.83 X 1.1963	\$16.54
132	22 11 16 00-0645	EA	3/4" Crimped Copper Reducing Tee	\$60.05
			Qty Unit Price Factor Total	
			Installation 2.00 X \$16.11 X 1.1963	\$38.54
			Demolition 2.00 X 8.99 X 1.1963	\$21.51
133	22 11 16 00-0654	EA	1/2" Crimped Copper Coupling	\$391.19
			Qty Unit Price Factor Total	
			Installation 20.00 X \$10.03 X 1.1963	\$239.98
			Demolition 20.00 X 6.32 X 1.1963	\$151.21
134	22 11 16 00-0655	EA	3/4" Crimped Copper Coupling	\$450.77
			Qty Unit Price Factor Total	
			Installation 20.00 X \$11.63 X 1.1963	\$278.26
			Demolition 20.00 X 7.21 X 1.1963	\$172.51

CSI Number	Mod	UOM	Description	LineTotal
22 - Plumbing				
135	22 11 16 00-0656	EA	1" Crimped Copper Coupling	\$166.45
			Qty Unit Price Factor Total	
			Installation 6.00 X \$14.61 X 1.1963	\$104.87
			Demolition 6.00 X 8.58 X 1.1963	\$61.59
136	22 11 16 00-0673	EA	1/2" Crimped Copper Male Adapter	\$1,031.88
			Qty Unit Price Factor Total	
			Installation 80.00 X \$10.15 X 1.1963	\$971.40
			Demolition 8.00 X 6.32 X 1.1963	\$60.48
137	22 11 16 00-0674	EA	3/4" Crimped Copper Male Adapter	\$23.00
			Qty Unit Price Factor Total	
			Installation 1.00 X \$12.02 X 1.1963	\$14.38
			Demolition 1.00 X 7.21 X 1.1963	\$8.63
138	22 11 16 00-0675	EA	1" Crimped Copper Male Adapter	\$28.41
			Qty Unit Price Factor Total	
			Installation 1.00 X \$15.17 X 1.1963	\$18.15
			Demolition 1.00 X 8.58 X 1.1963	\$10.26
139	22 11 16 00-0690	EA	1/2" Crimped Copper Cap	\$86.99
			Qty Unit Price Factor Total	
			Installation 8.00 X \$5.94 X 1.1963	\$56.85
			Demolition 8.00 X 3.15 X 1.1963	\$30.15
140	22 11 16 00-0691	EA	3/4" Crimped Copper Cap	\$40.34
			Qty Unit Price Factor Total	
			Installation 3.00 X \$7.56 X 1.1963	\$27.13
			Demolition 3.00 X 3.68 X 1.1963	\$13.21
141	22 13 13 00-0006	EA	Wall Mounted Urinal, Single Fixture Rough-In, Cast Iron Waste And Vent PipeIncludes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	\$376.19
			Qty Unit Price Factor Total	
			Installation 1.00 X \$314.46 X 1.1963	\$376.19
142	22 13 13 00-0008	EA	Countertop Kitchen Sink, Single Fixture Rough-In, Cast Iron Waste And Vent PipeIncludes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	\$558.07
			Qty Unit Price Factor Total	
			Installation 1.00 X \$466.50 X 1.1963	\$558.07
143	22 13 13 00-0011	EA	Floor Mounted Service Sink, Single Fixture Rough-In, Cast Iron Waste And Vent PipeIncludes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	\$571.11
			Qty Unit Price Factor Total	
			Installation 1.00 X \$477.40 X 1.1963	\$571.11

CSI Number	Mod	UOM	Description	LineTotal
22 - Plumbing				
144	22 13 13 00-0030	EA	Floor Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent PipeIncludes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	\$835.45
			Qty Unit Price Factor Total	
		Installation	2.00 X \$349.18 X 1.1963	\$835.45
145	22 13 16 00-0250	EA	3", Cut And Prepare Existing In-Place Cast Iron Pipe	\$22.68
			Qty Unit Price Factor Total	
		Installation	3.00 X \$6.32 X 1.1963	\$22.68
146	22 13 16 00-0271	LF	2" No Hub Cast Iron Pipe	\$971.40
			Qty Unit Price Factor Total	
		Installation	100.00 X \$8.12 X 1.1963	\$971.40
147	22 13 16 00-0271	0013 MOD	For Below Ground Installation, Add	\$13.76
			Qty Unit Price Factor Total	
		Installation	50.00 X \$0.23 X 1.1963	\$13.76
148	22 13 16 00-0273	LF	4" No Hub Cast Iron Pipe	\$358.17
			Qty Unit Price Factor Total	
		Installation	20.00 X \$14.97 X 1.1963	\$358.17
149	22 13 16 00-0273	0013 MOD	For Below Ground Installation, Add	\$10.53
			Qty Unit Price Factor Total	
		Installation	20.00 X \$0.44 X 1.1963	\$10.53
150	22 13 16 00-0281	EA	2" No Hub Cast Iron Long Sweep	\$208.23
			Qty Unit Price Factor Total	
		Installation	6.00 X \$29.01 X 1.1963	\$208.23
151	22 13 16 00-0281	0013 MOD	For Below Ground Installation, Add	\$3.70
			Qty Unit Price Factor Total	
		Installation	3.00 X \$1.03 X 1.1963	\$3.70
152	22 13 16 00-0282	EA	3" No Hub Cast Iron Long Sweep	\$59.68
			Qty Unit Price Factor Total	
		Installation	1.00 X \$34.14 X 1.1963	\$40.84
		Demolition	1.00 X 15.75 X 1.1963	\$18.84
153	22 13 16 00-0316	EA	2" No Hub Cast Iron Wye	\$118.22
			Qty Unit Price Factor Total	
		Installation	2.00 X \$49.41 X 1.1963	\$118.22
154	22 13 16 00-0362	EA	4" x 2" No Hub Cast Iron Double Wye	\$159.07
			Qty Unit Price Factor Total	
		Installation	1.00 X \$88.39 X 1.1963	\$105.74
		Demolition	1.00 X 44.58 X 1.1963	\$53.33
155	22 13 16 00-0376	EA	2" No Hub Cast Iron Sanitary Tee	\$59.54
			Qty Unit Price Factor Total	
		Installation	1.00 X \$49.77 X 1.1963	\$59.54

CSI Number	Mod	UOM	Description	LineTotal
22 - Plumbing				
156	22 13 16 00-0399	EA	2" No Hub Cast Iron Cleanout Tee	\$32.24
			Qty Unit Price Factor Total	
			Installation 1.00 X \$26.95 X 1.1963 \$32.24	
157	22 13 16 00-0441	EA	2" No Hub Cast Iron Blind Plug	\$27.20
			Qty Unit Price Factor Total	
			Installation 1.00 X \$22.74 X 1.1963 \$27.20	
158	22 13 16 00-0449	EA	2" No Hub Cast Iron P-Trap	\$34.05
			Qty Unit Price Factor Total	
			Installation 1.00 X \$28.46 X 1.1963 \$34.05	
159	22 13 16 00-0459	EA	4" No Hub Cast Iron Closet Flange	\$179.29
			Qty Unit Price Factor Total	
			Installation 2.00 X \$43.69 X 1.1963 \$104.53	
			Demolition 3.00 X 20.83 X 1.1963 \$74.76	
160	22 13 16 00-0459	0013 MOD	For Below Ground Installation, Add	\$3.73
			Qty Unit Price Factor Total	
			Installation 2.00 X \$1.56 X 1.1963 \$3.73	
161	22 13 16 00-0481	EA	2" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	\$367.74
			Qty Unit Price Factor Total	
			Installation 20.00 X \$15.37 X 1.1963 \$367.74	
162	22 13 16 00-0483	EA	4" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	\$225.26
			Qty Unit Price Factor Total	
			Installation 10.00 X \$18.83 X 1.1963 \$225.26	
163	22 13 16 00-0490	EA	Cut And Prepare 2" Cast Iron Pipe, No Hub	\$13.85
			Qty Unit Price Factor Total	
			Installation 2.00 X \$5.79 X 1.1963 \$13.85	
164	22 13 16 00-0492	EA	Cut And Prepare 4" Cast Iron Pipe, No Hub	\$18.88
			Qty Unit Price Factor Total	
			Installation 2.00 X \$7.89 X 1.1963 \$18.88	
165	22 33 33 00-0003	EA	Up To 6 KW, 10 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-10S)	\$1,046.94
			Qty Unit Price Factor Total	
			Installation 1.00 X \$783.07 X 1.1963 \$936.79	
			Demolition 1.00 X 92.08 X 1.1963 \$110.16	
166	22 42 13 00-0007	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Cadet™)	\$1,643.66
			Qty Unit Price Factor Total	
			Installation 2.00 X \$611.39 X 1.1963 \$1,462.81	
			Demolition 3.00 X 50.39 X 1.1963 \$180.84	

CSI Number	Mod	UOM	Description	LineTotal
22 - Plumbing				
167	22 42 13 00-0072	EA	Siphon Jet, Wall Hung, Vitreous China Urinal (American Standard Trimbrook™)	\$610.07
			Qty Unit Price Factor Total	
			Installation 1.00 X \$458.12 X 1.1963 \$548.05	
			Demolition 1.00 X 51.84 X 1.1963 \$62.02	
168	22 42 13 00-0086	EA	Exposed Manual Urinal Flush Valve, 1-1/4" Top Spud (Sloan Regal 180)1.0, 1.5 or 3.5 GPF.	\$209.62
			Qty Unit Price Factor Total	
			Installation 1.00 X \$158.70 X 1.1963 \$189.85	
			Demolition 1.00 X 16.52 X 1.1963 \$19.76	
169	22 42 16 00-0014	EA	21" x 18" Vitreous China Countertop Lavatory (American Standard Cadet™ Oval)	\$828.41
			Qty Unit Price Factor Total	
			Installation 2.00 X \$306.99 X 1.1963 \$734.50	
			Demolition 2.00 X 39.25 X 1.1963 \$93.91	
170	22 42 16 00-0063	EA	25" x 22" x 7-1/2" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR2522)	\$807.22
			Qty Unit Price Factor Total	
			Installation 1.00 X \$674.76 X 1.1963 \$807.22	
171	22 42 16 00-0104	EA	24" x 24" x 10" Molded Stone Mop Service Sink With Strainer (Swanstone MS-2424-010)	\$486.15
			Qty Unit Price Factor Total	
			Installation 1.00 X \$406.38 X 1.1963 \$486.15	
172	22 42 39 00-0005	EA	Top Cast Kitchen Faucet With Spray, Single Handle, Stainless Steel Finish (Delta 440 -SS-DST)	\$223.42
			Qty Unit Price Factor Total	
			Installation 1.00 X \$162.54 X 1.1963 \$194.45	
			Demolition 1.00 X 24.22 X 1.1963 \$28.97	
173	22 42 39 00-0029	EA	4" Centerset Lavatory Gooseneck Faucet With Chrome Lever Handles (Delta 2530-LHP+H24)	\$371.19
			Qty Unit Price Factor Total	
			Installation 2.00 X \$137.70 X 1.1963 \$329.46	
			Demolition 2.00 X 17.44 X 1.1963 \$41.73	
174	22 42 39 00-0085	EA	6" Spout With Vacuum Break And Bottom Fork Brace, Wall Mount Service Sink Faucet, Stops In Integral Arm, Wrist Blade Handles (American Standard 8345.110)	\$394.03
			Qty Unit Price Factor Total	
			Installation 1.00 X \$329.37 X 1.1963 \$394.03	
Subtotal for 22 - Plumbing:				\$18,327.78
26 - Electrical				
175	26 05 29 00-0060	EA	3/8-16 Lock Nut With Spring For Unistrut Channel	\$19.81
			Qty Unit Price Factor Total	
			Installation 4.00 X \$4.14 X 1.1963 \$19.81	

CSI Number	Mod	UOM	Description	LineTotal
26 - Electrical				
Subtotal for 26 - Electrical:				\$19.81
31 - Earthwork				
176	31 23 16 36-0009	CY	Excavation For Building Foundations And Other Structures By Hand in Soil	\$1,079.54
			Qty Unit Price Factor Total	
			Installation 20.00 X \$45.12 X 1.1963	\$1,079.54
177	31 23 16 36-0019	CY	Backfilling Around Building Foundations And Other Structures By Hand	\$514.17
			Qty Unit Price Factor Total	
			Installation 20.00 X \$21.49 X 1.1963	\$514.17
178	31 23 16 36-0022	CY	Compaction Of Fill Or Subbase For Building Foundations and Other Structures by Hand	\$338.31
			Qty Unit Price Factor Total	
			Installation 20.00 X \$14.14 X 1.1963	\$338.31
Subtotal for 31 - Earthwork:				\$1,932.02
Grand Total:				\$293,007.00

This work order proposal total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding of the line totals and sub-totals.

The Percent of NPP on this Proposal: 0.00

Contractor Price Proposal Details - CSI

Date: 7/24/2018
Work Order #: 059683.00
Title: City of La Marque - Remodel Building
Contractor: LMC Corporation
Job Order Value: \$737,090.18
Proposal Name: City of La Marque - Replace Roof Building C
Proposal Value: \$68,406.32

CSI Number	Mod	UOM	Description	LineTotal
01 - General Requirements				
1	01 22 23 00-0936	WK	5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	\$3,597.97
			Qty Unit Price Factor Total	
			Installation 1.00 X \$3,007.58 X 1.1963 \$3,597.97	
2	01 71 13 00-0003	EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' BedIncludes delivery of equipment, off loading on site, rigging, dismantling, loading and transporting away. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom manlifts with >40' boom lengths, etc.	\$358.89
			Qty Unit Price Factor Total	
			Installation 1.00 X \$300.00 X 1.1963 \$358.89	
3	01 74 13 00-0003	CY	Collect Existing Debris And Load Into Truck Or DumpsterPer CY of debris removed.	\$1,273.34
			Qty Unit Price Factor Total	
			Installation 120.00 X \$8.87 X 1.1963 \$1,273.34	
4	01 74 19 00-0017	EA	40 CY Dumpster (5 Ton) "Construction Debris"Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	\$1,970.23
			Qty Unit Price Factor Total	
			Installation 3.00 X \$548.98 X 1.1963 \$1,970.23	
Subtotal for 01 - General Requirements:				\$7,200.43
07 - Thermal And Moisture Protection				
5	07 41 13 00-0005	SF	20 Gauge Galvanized Exposed Fastener Metal Roof Panels	\$28,108.26
			Qty Unit Price Factor Total	
			Installation 5,280.00 X \$4.07 X 1.1963 \$25,708.01	
			Demolition 5,280.00 X 0.38 X 1.1963 \$2,400.26	
6	07 41 13 00-0005	0099 MOD	For Fluoropolymer (Kynar) Coating, Add	\$4,042.54
			Qty Unit Price Factor Total	
			Installation 5,280.00 X \$0.64 X 1.1963 \$4,042.54	

CSI Number	Mod	UOM	Description	LineTotal
07 - Thermal And Moisture Protection				
7	07 41 13 00-0012	LF	Ridge Flashing For Galvanized Steel Exposed Fastener Roofing	\$2,410.78
			Qty Unit Price Factor Total	
			Installation 80.00 X \$23.53 X 1.1963	\$2,251.92
			Demolition 80.00 X 1.66 X 1.1963	\$158.87
8	07 41 13 00-0012	0101 MOD	For Fluoropolymer (Kynar) Coating, Add	\$161.74
			Qty Unit Price Factor Total	
			Installation 80.00 X \$1.69 X 1.1963	\$161.74
9	07 41 13 00-0013	LF	Eave Flashing For Galvanized Steel Exposed Fastener Roofing	\$3,938.46
			Qty Unit Price Factor Total	
			Installation 180.00 X \$16.63 X 1.1963	\$3,581.00
			Demolition 180.00 X 1.66 X 1.1963	\$357.45
10	07 41 13 00-0013	0101 MOD	For Fluoropolymer (Kynar) Coating, Add	\$215.33
			Qty Unit Price Factor Total	
			Installation 180.00 X \$1.00 X 1.1963	\$215.33
11	07 71 13 00-0004	LF	>14" To 16" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	\$4,887.36
			Qty Unit Price Factor Total	
			Installation 220.00 X \$17.53 X 1.1963	\$4,613.65
			Demolition 220.00 X 1.04 X 1.1963	\$273.71
12	07 71 23 00-0153	LF	8", 24 Gauge, Box Style Galvanized Steel Gutter	\$3,471.18
			Qty Unit Price Factor Total	
			Installation 180.00 X \$14.92 X 1.1963	\$3,212.78
			Demolition 180.00 X 1.2 X 1.1963	\$258.40
13	07 71 23 00-0153	0322 MOD	For Kynar 500® Finish, Add	\$1,494.36
			Qty Unit Price Factor Total	
			Installation 215.00 X \$5.81 X 1.1963	\$1,494.36
14	07 71 23 00-0159	EA	8", K-Style Galvanized Steel Gutter End Cap	\$47.52
			Qty Unit Price Factor Total	
			Installation 4.00 X \$9.93 X 1.1963	\$47.52
15	07 71 23 00-0159	0322 MOD	For Kynar 500® Finish, Add	\$19.33
			Qty Unit Price Factor Total	
			Installation 4.00 X \$4.04 X 1.1963	\$19.33
16	07 71 23 00-0196	LF	4" x 4", 26 Gauge, Square Galvanized Steel Downspout	\$694.81
			Qty Unit Price Factor Total	
			Installation 120.00 X \$3.69 X 1.1963	\$529.72
			Demolition 120.00 X 1.15 X 1.1963	\$165.09
17	07 71 23 00-0196	0322 MOD	For Kynar 500® Finish, Add	\$157.91
			Qty Unit Price Factor Total	
			Installation 120.00 X \$1.10 X 1.1963	\$157.91

CSI Number	Mod	UOM	Description	LineTotal
07 - Thermal And Moisture Protection				
18	07 92 13 00-0050	CLF	3/8" x 3/8" Joint, Polysulfide Sealant And Caulking	\$770.47
			Qty Unit Price Factor Total	
			Installation 3.00 X \$214.68 X 1.1963	\$770.47
Subtotal for 07 - Thermal And Moisture Protection:				\$50,420.05
13 - Special Construction				
19	13 34 19 00-0130	LF	Vented Ridge Vent For Standing Seam Roof	\$490.00
			Qty Unit Price Factor Total	
			Installation 20.00 X \$20.48 X 1.1963	\$490.00
20	13 34 19 00-0158	SF	6" Thick, R-19, Black Matte Polypropylene/Fiberglass Polyester Blend Fabric, Faced Metal Building Insulation	\$10,295.84
			Qty Unit Price Factor Total	
			Installation 5,280.00 X \$1.46 X 1.1963	\$9,222.04
			Demolition 5,280.00 X 0.17 X 1.1963	\$1,073.80
Subtotal for 13 - Special Construction:				\$10,785.84
Grand Total:				\$68,406.32

This work order proposal total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding of the line totals and sub-totals.

The Percent of NPP on this Proposal: 0.00



AIA[®] Document A101[™] – 2017

Standard Form of Agreement Between Owner and Contractor where the basis of payment is a Stipulated Sum

AGREEMENT made as of the ____ day of _____ in the year _____.
(In words, indicate day, month and year.)

BETWEEN the Owner:
(Name, legal status, address and other information)

City of La Marque
1111 Bayou Road
La Marque, TX 77568

Ph: (409) 938-9200
Fax: (409) 935-0401

and the Contractor:
(Name, legal status, address and other information)

LMC Corporation
Dba: Lee Construction and Maintenance
9191 Winkler Drive
Suite A
Houston, TX 77017

for the following Project: City of La Marque – Remodel Building (Work Order No. 059683.00)
(Name, location and detailed description)

City of La Marque Building C Remodel
eziQC Buy Board Contract No. 520-16 Area C – LMC

City of La Marque
4911 FM 1765 (Texas Avenue)
La Marque, TX 77568

Renovation of Building "C", to include the following:

1. LMC to provide all materials, labor, and supervision to remodel the interior of the building, to include all architectural work, MEP interior wall layout & changes, interior finishes. LMC shall provide all plumbing and a concrete entry ramp per drawings provided by the City of La Marque for Building "C" Renovations.
2. MEP subcontractor shall include Crescent Electric and Alex's AC per local vendor.

Note: Contractors Detailed Price Proposal shows quantities of items being provided.

The Architect: Joseph Hoover A | A+ Associates
(Name, legal status, address and other information)

Joseph Hoover A | A+ Associates
P.O. Box 2426
Texas City, Texas 77592
Ph: (409) 945-3371

ADDITIONS AND DELETIONS:

The author of this document has added information needed for its completion. The author may also have revised the text of the original AIA standard form. An *Additions and Deletions Report* that notes added information as well as revisions to the standard form text is available from the author and should be reviewed. A vertical line in the left margin of this document indicates where the author has added necessary information and where the author has added to or deleted from the original AIA text.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

The parties should complete A101[™]–2017, Exhibit A, Insurance and Bonds, contemporaneously with this Agreement. AIA Document A201[™]–2017, General Conditions of the Contract for Construction, is adopted in this document by reference. Do not use with other general conditions unless this document is modified.

Fax: (409) 945-3372

The Owner and Contractor agree as follows.

TABLE OF ARTICLES

- 1 THE CONTRACT DOCUMENTS
- 2 THE WORK OF THIS CONTRACT
- 3 DATE OF COMMENCEMENT AND SUBSTANTIAL COMPLETION
- 4 CONTRACT SUM
- 5 PAYMENTS
- 6 DISPUTE RESOLUTION
- 7 TERMINATION OR SUSPENSION
- 8 MISCELLANEOUS PROVISIONS
- 9 ENUMERATION OF CONTRACT DOCUMENTS

EXHIBIT A INSURANCE AND BONDS

ARTICLE 1 THE CONTRACT DOCUMENTS

The Contract Documents consist of this Agreement, Conditions of the Contract (General, Supplementary, and other Conditions), Drawings, Specifications, Addenda issued prior to execution of this Agreement, other documents listed in this Agreement, and Modifications issued after execution of this Agreement, all of which form the Contract, and are as fully a part of the Contract as if attached to this Agreement or repeated herein. The Contract represents the entire and integrated agreement between the parties hereto and supersedes prior negotiations, representations, or agreements, either written or oral. An enumeration of the Contract Documents, other than a Modification, appears in Article 9.

ARTICLE 2 THE WORK OF THIS CONTRACT

The Contractor shall fully execute the Work described in the Contract Documents, except as specifically indicated in the Contract Documents to be the responsibility of others.

ARTICLE 3 DATE OF COMMENCEMENT AND SUBSTANTIAL COMPLETION

§ 3.1 The date of commencement of the Work shall be

Estimated start: 1/2/2019

Estimated completion: 5/31/19

(Check one of the following boxes.)

☐ The date of this Agreement.

☒ A date set forth in a notice to proceed issued by the Owner.

☐ Established as follows:

(Insert a date or a means to determine the date of commencement of the Work.)

If a date of commencement of the Work is not selected, then the date of commencement shall be the date of this Agreement.

§ 3.2 The Contract Time shall be measured from the date of commencement of the Work.

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User Notes:

§ 3.3 Substantial Completion

§ 3.3.1 Subject to adjustments of the Contract Time as provided in the Contract Documents, the Contractor shall achieve Substantial Completion of the entire Work:

(Check one of the following boxes and complete the necessary information.)

☒ [X] Not later than one hundred fifty (150) calendar days from the date of commencement of the Work.

☐ [] By the following date:

§ 3.3.2 Subject to adjustments of the Contract Time as provided in the Contract Documents, if portions of the Work are to be completed prior to Substantial Completion of the entire Work, the Contractor shall achieve Substantial Completion of such portions by the following dates:

Portion of Work	Substantial Completion Date
All Architectural Work and MEP & Plumbing as shown on drawings dated 03/09/2018 including addendum	May 31 st 2019

§ 3.3.3 If the Contractor fails to achieve Substantial Completion as provided in this Section 3.3, liquidated damages, if any, shall be assessed as set forth in Section 4.5.

ARTICLE 4 CONTRACT SUM

§ 4.1 The Owner shall pay the Contractor the Contract Sum in current funds for the Contractor's performance of the Contract. The Contract Sum shall be three hundred seventy-six thousand four hundred thirteen dollars and thirty-two cents (\$376,413.32) subject to additions and deductions as provided in the Contract Documents.

§ 4.2 Alternates

§ 4.2.1 Alternates, if any, included in the Contract Sum:

Item	Price
------	-------

§ 4.2.2 Subject to the conditions noted below, the following alternates may be accepted by the Owner following execution of this Agreement. Upon acceptance, the Owner shall issue a Modification to this Agreement. (Insert below each alternate and the conditions that must be met for the Owner to accept the alternate.)

Item	Price	Conditions for Acceptance
------	-------	---------------------------

§ 4.3 Allowances, if any, included in the Contract Sum:
(Identify each allowance.)

Item	Price
Owner's Allowance.	\$15,000.00

§ 4.4 Unit prices, if any:
(Identify the item and state the unit price and quantity limitations, if any, to which the unit price will be applicable.)

Item	Units and Limitations	Price per Unit (\$0.00)
See work order document No. 059683.00		

§ 4.5 Liquidated damages, if any:
(Insert terms and conditions for liquidated damages, if any.)

\$300.00 per day.

§ 4.6 Other:

(Insert provisions for bonus or other incentives, if any, that might result in a change to the Contract Sum.)

ARTICLE 5 PAYMENTS

§ 5.1 Progress Payments

§ 5.1.1 Based upon Applications for Payment submitted to the Architect by the Contractor and Certificates for Payment issued by the Architect, the Owner shall make progress payments on account of the Contract Sum to the Contractor as provided below and elsewhere in the Contract Documents.

§ 5.1.2 The period covered by each Application for Payment shall be one calendar month ending on the last day of the month, or as follows: Twenty-eighth day of the month.

§ 5.1.3 Provided that an Application for Payment is received by the Architect not later than the first day of a month, the Owner shall make payment of the amount certified to the Contractor not later than the thirtieth (30th) day of the following month. If an Application for Payment is received by the Architect after the application date fixed above, payment of the amount certified shall be made by the Owner not later than forty-five (45) days after the Architect receives the Application for Payment.

(Federal, state or local laws may require payment within a certain period of time.)

§ 5.1.4 Each Application for Payment shall be based on the most recent schedule of values submitted by the Contractor in accordance with the Contract Documents. The schedule of values shall allocate the entire Contract Sum among the various portions of the Work. The schedule of values shall be prepared in such form, and supported by such data to substantiate its accuracy, as the Architect may require. This schedule of values shall be used as a basis for reviewing the Contractor's Applications for Payment.

§ 5.1.5 Applications for Payment shall show the percentage of completion of each portion of the Work as of the end of the period covered by the Application for Payment.

§ 5.1.6 In accordance with AIA Document A201™–2017, General Conditions of the Contract for Construction, and subject to other provisions of the Contract Documents, the amount of each progress payment shall be computed as follows:

§ 5.1.6.1 The amount of each progress payment shall first include:

- .1 That portion of the Contract Sum properly allocable to completed Work;
- .2 That portion of the Contract Sum properly allocable to materials and equipment delivered and suitably stored at the site for subsequent incorporation in the completed construction, or, if approved in advance by the Owner, suitably stored off the site at a location agreed upon in writing; and
- .3 That portion of Construction Change Directives that the Architect determines, in the Architect's professional judgment, to be reasonably justified.

§ 5.1.6.2 The amount of each progress payment shall then be reduced by:

- .1 The aggregate of any amounts previously paid by the Owner;
- .2 The amount, if any, for Work that remains uncorrected and for which the Architect has previously withheld a Certificate for Payment as provided in Article 9 of AIA Document A201–2017;
- .3 Any amount for which the Contractor does not intend to pay a Subcontractor or material supplier, unless the Work has been performed by others the Contractor intends to pay;
- .4 For Work performed or defects discovered since the last payment application, any amount for which the Architect may withhold payment, or nullify a Certificate of Payment in whole or in part, as provided in Article 9 of AIA Document A201–2017; and
- .5 Retainage withheld pursuant to Section 5.1.7.

§ 5.1.7 Retainage

§ 5.1.7.1 For each progress payment made prior to Substantial Completion of the Work, the Owner may withhold the following amount, as retainage, from the payment otherwise due:

(Insert a percentage or amount to be withheld as retainage from each Application for Payment. The amount of retainage may be limited by governing law.)

Ten percent (10%)

§ 5.1.7.1.1 The following items are not subject to retainage:

(Insert any items not subject to the withholding of retainage, such as general conditions, insurance, etc.)

§ 5.1.7.2 Reduction or limitation of retainage, if any, shall be as follows:

(If the retainage established in Section 5.1.7.1 is to be modified prior to Substantial Completion of the entire Work, including modifications for Substantial Completion of portions of the Work as provided in Section 3.3.2, insert provisions for such modifications.)

§ 5.1.7.3 Except as set forth in this Section 5.1.7.3, upon Substantial Completion of the Work, the Contractor may submit an Application for Payment that includes the retainage withheld from prior Applications for Payment pursuant to this Section 5.1.7. The Application for Payment submitted at Substantial Completion shall not include retainage as follows:

(Insert any other conditions for release of retainage upon Substantial Completion.)

§ 5.1.8 If final completion of the Work is materially delayed through no fault of the Contractor, the Owner shall pay the Contractor any additional amounts in accordance with Article 9 of AIA Document A201–2017.

§ 5.1.9 Except with the Owner's prior approval, the Contractor shall not make advance payments to suppliers for materials or equipment which have not been delivered and stored at the site.

§ 5.2 Final Payment

§ 5.2.1 Final payment, constituting the entire unpaid balance of the Contract Sum, shall be made by the Owner to the Contractor when

- .1 the Contractor has fully performed the Contract except for the Contractor's responsibility to correct Work as provided in Article 12 of AIA Document A201–2017, and to satisfy other requirements, if any, which extend beyond final payment; and
- .2 a final Certificate for Payment has been issued by the Architect.

§ 5.2.2 The Owner's final payment to the Contractor shall be made no later than 30 days after the issuance of the Architect's final Certificate for Payment, or as follows:

§ 5.3 Interest

Payments due and unpaid under the Contract shall bear interest from the date payment is due at the rate stated below, or in the absence thereof, at the legal rate prevailing from time to time at the place where the Project is located.

(Insert rate of interest agreed upon, if any.)

%

ARTICLE 6 DISPUTE RESOLUTION

§ 6.1 Initial Decision Maker

The Architect will serve as the Initial Decision Maker pursuant to Article 15 of AIA Document A201–2017, unless the parties appoint below another individual, not a party to this Agreement, to serve as the Initial Decision Maker.

(If the parties mutually agree, insert the name, address and other contact information of the Initial Decision Maker, if other than the Architect.)

§ 6.2 Binding Dispute Resolution

For any Claim subject to, but not resolved by, mediation pursuant to Article 15 of AIA Document A201–2017, the method of binding dispute resolution shall be as follows:

(Check the appropriate box.)

☐ Arbitration pursuant to Section 15.4 of AIA Document A201–2017

☒ Litigation in a court of competent jurisdiction

☐ Other *(Specify)*

If the Owner and Contractor do not select a method of binding dispute resolution, or do not subsequently agree in writing to a binding dispute resolution method other than litigation, Claims will be resolved by litigation in a court of competent jurisdiction.

ARTICLE 7 TERMINATION OR SUSPENSION

§ 7.1 The Contract may be terminated by the Owner or the Contractor as provided in Article 14 of AIA Document A201–2017.

§ 7.1.1 If the Contract is terminated for the Owner's convenience in accordance with Article 14 of AIA Document A201–2017, then the Owner shall pay the Contractor a termination fee as follows:

(Insert the amount of, or method for determining, the fee, if any, payable to the Contractor following a termination for the Owner's convenience.)

§ 7.2 The Work may be suspended by the Owner as provided in Article 14 of AIA Document A201–2017.

ARTICLE 8 MISCELLANEOUS PROVISIONS

§ 8.1 Where reference is made in this Agreement to a provision of AIA Document A201–2017 or another Contract Document, the reference refers to that provision as amended or supplemented by other provisions of the Contract Documents.

§ 8.2 The Owner's representative:

(Name, address, email address, and other information)

Ms. Charlene Todaro
Interim City Manager
City of La Marque, Texas
1111 Bayou Road
La Marque, Texas 77568

§ 8.3 The Contractor’s representative:
(Name, address, email address, and other information)

Jim Sprague
9191 Winkler, Suite A
Houston, TX 77017
Ph: (832) 419-1946

§ 8.4 Neither the Owner’s nor the Contractor’s representative shall be changed without ten days’ prior notice to the other party.

§ 8.5 Insurance and Bonds

§ 8.5.1 The Owner and the Contractor shall purchase and maintain insurance as set forth in AIA Document A101™–2017, Standard Form of Agreement Between Owner and Contractor where the basis of payment is a Stipulated Sum, Exhibit A, Insurance and Bonds, and elsewhere in the Contract Documents.

§ 8.5.2 The Contractor shall provide bonds as set forth in AIA Document A101™–2017 Exhibit A, and elsewhere in the Contract Documents.

§ 8.6 Notice in electronic format, pursuant to Article 1 of AIA Document A201–2017, may be given in accordance with AIA Document E203™–2013, Building Information Modeling and Digital Data Exhibit, if completed, or as otherwise set forth below:

(If other than in accordance with AIA Document E203–2013, insert requirements for delivering notice in electronic format such as name, title, and email address of the recipient and whether and how the system will be required to generate a read receipt for the transmission.)

Type of Insurance or Bond	Limit of Liability or Bond Amount (\$0.00)
1. Performance Bond	Contract Amount
2. Payment Bond	Contract Amount
3. Workers Compensation Insurance	State Statutory Limits
4. Commercial General Liability	a. Bodily Injury: Each Occurrence \$1,000,000.00 Aggregate \$2,000,000.00 b. Property Damage: Each Occurrence \$1,000,000.00 Aggregate \$2,000,000.00 -or- c. Combined Coverage Limit \$2,000,000.00
*****VERIFY	
5. Automobile Liability	a. Bodily Injury: Each Person \$1,000,000.00 Each Occurrence \$1,000,000.00 b. Property Damage: Each Occurrence \$1,000,000.00 -or- c. Combined Coverage Limit \$1,000,000.00
6. Independent Contractors Liability - Same limit as #4 above.	
7. Builders Risk	
8. Umbrella Liability Coverage	\$2,000,000.
9. Certificate of Insurance (to be filed with the City)	

§ 8.7 Other provisions:

ARTICLE 9 ENUMERATION OF CONTRACT DOCUMENTS

§ 9.1 This Agreement is comprised of the following documents:

- .1 AIA Document A101™–2017, Standard Form of Agreement Between Owner and Contractor
- .2 AIA Document A101™–2017, Exhibit A, Insurance and Bonds
- .3 AIA Document A201™–2017, General Conditions of the Contract for Construction
- .4 AIA Document E203™–2013, Building Information Modeling and Digital Data Exhibit, dated as indicated below:

(Insert the date of the E203-2013 incorporated into this Agreement.)

- .5 Drawings –

Number	Title	Date
A0.0	Cover Sheet	3/9/18
A0.2	Specifications and Notes	3/9/18
SP1.1	Site Plan	3/9/18
SP2.1	Site Details	3/9/18
A1.1	Demolition Floor Plan	3/9/18
A1.2	Demolition Reflected Ceiling Plan	3/9/18
A1.3	Floor Plan	3/9/18
A1.4	Reflected Ceiling Plan	3/9/18
A3.1	Partition Types	3/9/18
A6.0	Room Finish Schedules, Key, etc.	3/9/18
A6.1	Door and Frame Schedules, Door Types, etc.	3/9/18
A7.1	Toilet Interior Elevations	3/9/18
A7.2	Miscellaneous Interior Elevations and Sections	3/9/18

- .6 Specifications -

Section	Title	Date	Pages
See Drawings			

- .7 Addenda, if any: - Mr. Hoover to incorporate.

Number	Date	Pages
Addendum No. 1	April 23, 2018	1

Portions of Addenda relating to bidding or proposal requirements are not part of the Contract Documents unless the bidding or proposal requirements are also enumerated in this Article 9.

- .8 Other Exhibits:

(Check all boxes that apply and include appropriate information identifying the exhibit where required.)

☐ AIA Document E204™–2017, Sustainable Projects Exhibit, dated as indicated below:

(Insert the date of the E204-2017 incorporated into this Agreement.)

[] The Sustainability Plan:

Title	Date	Pages
-------	------	-------

[] Supplementary and other Conditions of the Contract:

Document	Title	Date	Pages
----------	-------	------	-------

.9 Other documents, if any, listed below:

(List here any additional documents that are intended to form part of the Contract Documents. AIA Document A201™-2017 provides that the advertisement or invitation to bid, Instructions to Bidders, sample forms, the Contractor's bid or proposal, portions of Addenda relating to bidding or proposal requirements, and other information furnished by the Owner in anticipation of receiving bids or proposals, are not part of the Contract Documents unless enumerated in this Agreement. Any such documents should be listed here only if intended to be part of the Contract Documents.)

- .9.1 City of La Marque Purchase Order
- .9.2 Work Order LMC Corporation – City of La Marque
- .9.3 Scope of Work
- .9.4 Contractor Price Proposal Dated 10/24/2018

This Agreement entered into as of the day and year first written above.

OWNER (Signature)

CONTRACTOR (Signature)

(Printed name and title)

(Printed name and title)

Init.

Additions and Deletions Report for AIA® Document A101™ – 2017

This Additions and Deletions Report, as defined on page 1 of the associated document, reproduces below all text the author has added to the standard form AIA document in order to complete it, as well as any text the author may have added to or deleted from the original AIA text. Added text is shown underlined. Deleted text is indicated with a horizontal line through the original AIA text.

Note: This Additions and Deletions Report is provided for information purposes only and is not incorporated into or constitute any part of the associated AIA document. This Additions and Deletions Report and its associated document were generated simultaneously by AIA software at 10:45:58 ET on 01/04/2019.

PAGE 1

AGREEMENT made as of the ~~day of~~ _____ day of _____ in the year _____.

...

City of La Marque
1111 Bayou Road
La Marque, TX 77568

Ph: (409) 938-9200
Fax: (409) 935-0401

...

LMC Corporation
Dbas: Lee Construction and Maintenance
9191 Winkler Drive
Suite A
Houston, TX 77017

for the following Project: City of La Marque – Remodel Building (Work Order No. 059683.00)

...

City of La Marque Building C Remodel
eziQC Buy Board Contract No. 520-16 Area C – LMC

City of La Marque
4911 FM 1765 (Texas Avenue)
La Marque, TX 77568

Renovation of Building "C", to include the following:

1. LMC to provide all materials, labor, and supervision to remodel the interior of the building, to include all architectural work, MEP interior wall layout & changes, interior finishes. LMC shall provide all plumbing and a concrete entry ramp per drawings provided by the City of La Marque for Building "C" Renovations.
2. MEP subcontractor shall include Crescent Electric and Alex's AC per local vendor.

Note: Contractors Detailed Price Proposal shows quantities of items being provided.

The Architect: Joseph Hoover A | A+ Associates

...

Joseph Hoover A | A+ Associates

P.O. Box 2426

Texas City, Texas 77592

Ph: (409) 945-3371

Fax: (409) 945-3372

PAGE 2

...

§ 3.1 The date of commencement of the Work shall be:

Estimated start: 1/2/2019

Estimated completion: 5/31/19

...

☒ A date set forth in a notice to proceed issued by the Owner.

PAGE 3

☒ Not later than ~~(—)~~one hundred fifty (150) calendar days from the date of commencement of the Work.

...

All Architectural Work and MEP &
Plumbing as shown on drawings dated
03/09/2018 including addendum

May 31st 2019

...

§ 4.1 The Owner shall pay the Contractor the Contract Sum in current funds for the Contractor's performance of the Contract. The Contract Sum shall be ~~(\$—), three hundred seventy-six thousand four hundred thirteen dollars and thirty-two cents (\$376,413.32)~~ subject to additions and deductions as provided in the Contract Documents.

...

Owner's Allowance. \$15,000.00

...

See work order document No. 059683.00

...

\$300.00 per day.

PAGE 4

§ 5.1.2 The period covered by each Application for Payment shall be one calendar month ending on the last day of the month, or as follows: Twenty-eighth day of the month.

...

§ 5.1.3 Provided that an Application for Payment is received by the Architect not later than the first day of a month, the Owner shall make payment of the amount certified to the Contractor not later than the thirtieth (30th) day of the following month. If an Application for Payment is received by the Architect after the application date fixed above, payment of the amount certified shall be made by the Owner not later than ~~(—)~~forty-five (45) days after the Architect receives the Application for Payment.

PAGE 5

Ten percent (10%)

PAGE 6

~~[]~~☒ Litigation in a court of competent jurisdiction

...

Ms. Charlene Todaro
Interim City Manager
City of La Marque, Texas
1111 Bayou Road
La Marque, Texas 77568
PAGE 7

Jim Sprague
9191 Winkler, Suite A
Houston, TX 77017
Ph: (832) 419-1946

...

<u>Type of Insurance or Bond</u>	<u>Limit of Liability or Bond Amount (\$0.00)</u>
1. Performance Bond	Contract Amount
2. Payment Bond	Contract Amount
3. Workers Compensation Insurance	State Statutory Limits
4. Commercial General Liability	a. Bodily Injury:
	Each Occurrence \$1,000,000.00
	Aggregate \$2,000,000.00
	b. Property Damage:
	Each Occurrence \$1,000,000.00
	Aggregate \$2,000,000.00
	-or-
	c. Combined Coverage Limit \$2,000,000.00
***** VERIFY *****	
5. Automobile Liability	a. Bodily Injury:
	Each Person \$1,000,000.00
	Each Occurrence \$1,000,000.00
	b. Property Damage:
	Each Occurrence \$1,000,000.00
	-or-
	c. Combined Coverage Limit \$1,000,000.00
6. Independent Contractors Liability - Same limit as #4 above.	
7. Builders Risk	
8. Umbrella Liability Coverage	\$2,000,000.
9. Certificate of Insurance (to be filed with the City)	

PAGE 8

.5 Drawings =

...

<u>A0.0</u>	<u>Cover Sheet</u>	<u>3/9/18</u>
<u>A0.2</u>	<u>Specifications and Notes</u>	<u>3/9/18</u>
<u>SP1.1</u>	<u>Site Plan</u>	<u>3/9/18</u>
<u>SP2.1</u>	<u>Site Details</u>	<u>3/9/18</u>
<u>A1.1</u>	<u>Demolition Floor Plan</u>	<u>3/9/18</u>
<u>A1.2</u>	<u>Demolition Reflected</u>	<u>3/9/18</u>
	<u>Ceiling Plan</u>	
<u>A1.3</u>	<u>Floor Plan</u>	<u>3/9/18</u>
<u>A1.4</u>	<u>Reflected Ceiling Plan</u>	<u>3/9/18</u>
<u>A3.1</u>	<u>Partition Types</u>	<u>3/9/18</u>

<u>A6.0</u>	<u>Room Finish Schedules,</u>	<u>3/9/18</u>
	<u>Key, etc.</u>	
<u>A6.1</u>	<u>Door and Frame</u>	<u>3/9/18</u>
	<u>Schedules, Door Types,</u>	
	<u>etc.</u>	
<u>A7.1</u>	<u>Toilet Interior Elevations</u>	<u>3/9/18</u>
<u>A7.2</u>	<u>Miscellaneous Interior</u>	<u>3/9/18</u>
	<u>Elevations and Sections</u>	
.6	Specifications -	

...

See Drawings

.7 Addenda, if any: - Mr. Hoover to incorporate.

...

PAGE 9	<u>Addendum No. 1</u>	<u>April 23, 2018</u>	<u>1</u>
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- .9.1 City of La Marque Purchase Order
- .9.2 Work Order LMC Corporation – City of La Marque
- .9.3 Scope of Work
- .9.4 Contractor Price Proposal Dated 10/24/2018

Certification of Document's Authenticity
AIA® Document D401™ – 2003

I, _____, hereby certify, to the best of my knowledge, information and belief, that I created the attached final document simultaneously with its associated Additions and Deletions Report and this certification at 10:45:58 ET on 01/04/2019 under Order No. 9502996531 from AIA Contract Documents software and that in preparing the attached final document I made no changes to the original text of AIA® Document A101™ – 2017, Standard Form of Agreement Between Owner and Contractor where the basis of payment is a Stipulated Sum, as published by the AIA in its software, other than those additions and deletions shown in the associated Additions and Deletions Report.

(Signed)

(Title)

(Dated)



CITY COUNCIL AGENDA FORM

Meeting Date: January 14, 2019

Prepared by: Amanda Hobby

Department: Public Services

Agenda item: 10b

Reviewed by: Charlene Warren

AGENDA ITEM DESCRIPTION: Discussion/possible action regarding approval of a Change Order for LJA Engineering Project No. E019-1002 to Statewide Services, Inc. to decrease the original bid of \$412,190.00 by 8.79% (\$33,300.00), making a total cost of the project \$378,890.00, with an increase in contract time from approved time extension of 45 calendar days for completion of the project.

☒

ATTACHMENTS FOR REFERENCE

1. LJA change order data sheet delineating cost and time of completion
2. Certificate of Acceptance for construction of Oak Street force main and gravity line along Hathaway.
3. Engineer's Certificate of Completion
4. Certificate of the Contractor
5. Statewide Services, Inc. Warranty Letter

STAFF BRIEFING:

- Original bid was awarded by Council on December 11, 2017
- Statewide Services, Inc. was the lowest of (4) bids
- This project was utilized from the 2016 CO Bond funds
- This project consisted of replacing the force main running parallel along Oak Street, from Cedar to Hathaway, under Highway 3 and terminating at the Hathaway lift station
- Finance Director has been notified of the reduction.

HISTORY:

- City has received continuous complaints regarding sewer stops and odor issues on Oak Street and Shady Lane.
- City utility crews have had to make constant repairs to the force main which runs parallel along Oak Street due to breaks in the main.

TARGET IMPLEMENTATION: January 14, 2019



CITY COUNCIL AGENDA FORM

ACTION:

- | | |
|--|---|
| ☐ Ordinance | ☐ Resolution |
| ☐ Special Presentation | ☐ Proclamation |
| ☐ Finance Report | ☐ Public Hearing |
| ☒ Other - Change Order | |
| ☒ Mark if this item does not conflict with any Resolution, Ordinance or City Charter, policies, procedures | |

Cost Details:

Budgeted	\$2.5 million
Actual Bid	\$412,190.00
Estimated Expenditure	\$378,890.00
Acct. Name(s)	2016 CO SSO
Line Item #	47-7003-24-00-SSO
Other Funding	N/A

STAFF'S RECOMMENDATION: Motion to approve a Change Order for LJA Engineering Project No. E019-1002 to Statewide Services, Inc. to decrease the original bid of \$412,190.00 by 8.79% (\$33,300.00) making a total cost of the project \$378,890.00 with an increase in contract time from approved time extension of 45 calendar days for completion of the project.

FISCAL IMPACT: 2016 CO Bond totaling \$378,890.00

CHANGE ORDER NO. 1 TO BALANCE PROJECT
FOR
OAK DRIVE FORCE MAIN & GRAVITY LINE ALONG HATHAWAY

Mayor and City Council
City of La Marque
1111 Bayou Road
La Marque, Texas 77568

DATE: 12/3/2018
ENGINEER: LJA Engineering, Inc.
CONTRACTOR: Statewide Services, Inc.
CONTRACT DATE: 11/22/2017
NOTICE TO PROCEED DATE: 12/4/2017
ORIGINAL CONTRACT AMOUNT: \$412,190.00
LJA PROJECT NO. E019-1002

Mayor and City Council:

Because the quantities comprising the original contract were estimated, a change order is prepared at job completion amending the contract to agree with the actual value of the installed facilities.

The accompanying tabulation lists the Bid Items which varied from original estimated amounts. It lists the overrun and underrun quantities and cost of each item and then shows the net overrun/underrun. This change order thus amends the contract by the net underrun of (\$33,300.00).

LJA Engineering recommends that the Owner accept this Change Order for a decrease in the contract amount of (\$33,300.00) as summarized below and an increase in contract time from approved time extensions of 45 calendar days:

CONTRACT SUMMARY

COST

Original Contract Amount	\$ 412,190.00
Change Order No. 1 – Deduct	(\$33,300.00)
Amended Contract Amount	\$ 378,890.00

TIME OF COMPLETION

Original Contract Time	150 C.D.
Original Contract Completion Date	5/3/2018
Change Order No. 1 – Add	45 C.D.
Amended Contract Time	195 C.D.
Amended Contract Completion Date	6/16/2018

In consideration for the above change, it is mutually agreed that the contract price is changed to \$378,890.00 and that the time of completion for all work is changed for a completion time of 195 calendar days. Finally, it is understood and agreed that this Change Order is a full and complete equitable adjustment and constitutes compensation in full on behalf of the Contractor for all costs and markups directly or indirectly attributable to the changes ordered herein for all delays and impacts related thereto and for performance of the changes within the time stated.

RECOMMENDED FOR APPROVAL:
LJA Engineering, Inc.

By: 

Date: 12/6/2018

AGREED:
Statewide Services, Inc.

By: 

Date: 12-4-18

APPROVED:
City of La Marque

By: _____

Date: _____

Client CITY OF LA MARQUE					
CHANGE ORDER NO. TO BALANCE PROJECT					
LJA PROJECT NO. E019-1002					
DATE: 12/3/2018					
ITEM NO.	ORIGINAL QUANTITY	ACTUAL QUANTITY	DIFFERENCE (+) OR (-)	UNIT PRICE	ADD OR DEDUCT
1	135	135	0	\$95.00	\$0.00
2	3,440	3,440	0	\$44.00	\$0.00
3	260	260	0	\$425.00	\$0.00
4	4	4	0	\$475.00	\$0.00
5	2	2	0	\$1,820.00	\$0.00
6	2	2	0	\$4,700.00	\$0.00
7	4	4	0	\$3,400.00	\$0.00
8	500	250	(250)	\$4.00	(\$1,000.00)
9	100	150	50	\$65.00	\$3,250.00
10	500	0	(500)	\$1.00	(\$500.00)
11	1	3	2	\$800.00	\$1,600.00
12	3	4	1	\$2,700.00	\$2,700.00
13	1	1	0	\$820.00	\$0.00
14	1	1.00	0	\$4,000.00	\$0.00
15	1	0	(1)	\$820.00	(\$820.00)
16	50	50	0	\$150.00	\$0.00
30	385	0	(385)	\$15.00	(\$5,775.00)
Supplementary Items					
17	500	500	0	\$2.00	\$0.00
18	5	4	(1)	\$1,520.00	(\$1,520.00)
19	5	2	(3)	\$1,800.00	(\$5,400.00)
20	5	2	(3)	\$6,000.00	(\$18,000.00)
21	1	0	(1)	\$1,500.00	(\$1,500.00)
22	5	0	(5)	\$30.00	(\$150.00)
23	0.50	1.00	0.50	2000.00	\$1,000.00
24	250	250	0	\$10.00	\$0.00
25	250	250	0	\$30.00	\$0.00
26	250	49	(201)	\$35.00	(\$7,035.00)
27	1	0	(1)	\$150.00	(\$150.00)
28	30	30	0	\$100.00	\$0.00

TOTAL OVERRUNS	\$8,550.00
TOTAL UNDERRUNS	(\$41,850.00)
NET ADJUSTMENT TO CONTRACT - DEDUCT	(\$33,300.00)

CITY OF LA MARQUE

CERTIFICATE OF ACCEPTANCE

CONSTRUCTION OF

OAK DRIVE FORCE MAIN AND GRAVITY LINE ALONG HATHAWAY

LJA PROJECT NO. E019-1002

The undersigned hereby accepts the Project constructed under the Contract dated November 22, 2017 between City of La Marque, Owner, and Statewide Services, Inc., Contractor of Houston, Texas.

CITY OF LA MARQUE

Owner

By: _____

Name and Title

Date: _____

ENGINEER'S CERTIFICATE OF COMPLETION
CONSTRUCTION OF
OAK DRIVE FORCE MAIN & GRAVITY LINE ALONG HATHAWAY

LJA PROJECT NO. E019-1002

The Engineer hereby certifies that the above described Project has been completed in conformance with the Contract dated November 22, 2017, between the City of La Marque, Owner, and Statewide Services, Inc., Contractor.

Beginning date of Contractor's two (2)-year warranty obligations shall be two years beginning on the date on which the Owner formally accepts the project.

LJA Engineering, Inc.
Engineer

By



Les Dodson, Construction Manager

Date

12/6/2018

CERTIFICATE OF THE CONTRACTOR
CONSTRUCTION OF
OAK DRIVE FORCE MAIN & GRAVITY LINE ALONG HATHAWAY

LJA PROJECT NO. E019-1002

To the best of my knowledge and belief, I certify that all items, quantities and prices of work and materials shown on the face of the Final Estimate are correct; that all work has been performed and materials supplied in full accordance with the terms and conditions of the corresponding construction contractual documents between the Owner and the Contractor, including all changes authorized thereto. The attached Final Estimate is a true and correct statement and that no part of the "AMOUNT DUE CONTRACTOR" has been received.

I further certify that all just and lawful bills due and payable against the below named contractor, for labor, material, and expendable equipment employed in the performance of said contract have been paid in full accordance with the contract requirements and free of any Liens. Should a Lien be placed on OWNER'S facility, Contractor is responsible for resolving Lien within 14-Days after notification.

Date: 12/06/2018

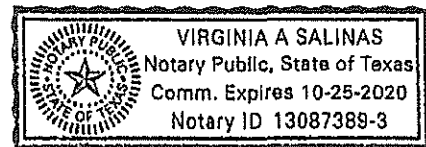
Signed and Sworn before me a
Notary Public in and for the
State of Texas, this 06
day of December 2018

Contractor:

STATEWIDE SERVICES, INC.

By: [Signature]
Title: President

Virginia A. Salinas
My Commission Expires 10/25/2020



**STATEWIDE SERVICES, INC.
6819 Cadillac St.
Houston, TX 77021**

WARRANTY LETTER

Mayor and City Council
City of La Marque
1111 Bayou Road
La Marque, Texas 77568

and

Mr. Les Dodson
Construction Manager
LJA Engineering, Inc.
11821 East Freeway, Suite 360
Houston, Texas 77029

RE: City of La Marque
Oak Drive Force Main & Gravity Line Along Hathaway
LJA Project No. E019-1002

Mayor and City Council:

All work on the captioned project is complete. However, if within two years after the project's date of final acceptance by the City of La Marque, any work is found to be defective, Statewide Services, Inc. shall promptly, without cost to the City and in accordance with City's written instructions:

- Correct and/or replace such defective work and the surface area.

Sincerely,

STATEWIDE SERVICES, INC.

By: 

Date: 12-27-18



CITY COUNCIL AGENDA FORM

Meeting Date: January 14, 2019

Agenda item: 11a

Prepared by: Robin Eldridge

Reviewed by: Charlene Warren

Department: Mayor & City Council

AGENDA ITEM DESCRIPTION: Discussion/possible action regarding appointments and/or reappointments to fill various positions of the Boards and Commissions

X

ATTACHMENTS FOR REFERENCE

1. Current vacancies on Boards and Commissions
2. Current applications on file

STAFF BRIEFING:

- There have been a few changes since the last time appointments and reappointments have been on the City Council agenda and a few vacancies have occurred within this time period that are critical to have full boards / commissions present to conduct business.
- There are a few vacant positions still available for appointment or reappointment.
- Highlighted names and terms have expired or will be expiring at the end of this year.
- **BOARD OF ADJUSTMENTS**- District "B" and "D" both have one alternate appointments each
- **BUILDING STANDARDS**- District "D" has one appointment
- **CEMETERY BOARD**- Mayor and District "D" both have one appointment each
- **KEEP LA MARQUE BEAUTIFUL COMMISSION**- Mayor and District "D" both have one appointment each
- **PLANNING & ZONING COMMISSION**-District "B" has one alternate position appointment

HISTORY:

- Historically, appointments are made as vacancies occur (if possible) and as members reach the end of their terms, based on applications on file, and in accordance with Resolution 1032.
- The ordinance that establishes each Board and Commission requires that the positions be staggered; this is the reason that there are different years for terms ending.



CITY COUNCIL AGENDA FORM

TARGET IMPLEMENTATION: As soon as possible, as to fill each Board or Commission with the number of members required to conduct City business.

SIGNIFICANT ACTION DATES:

Some appointments and reappointments have been made throughout the year, as vacancies have occurred.

ACTION:

- | | |
|--|---|
| ☐ Ordinance | ☐ Resolution |
| ☐ Special Presentation | ☐ Proclamation |
| ☐ Finance Report | ☐ Public Hearing |
| ☒ Other-appointments/or reappointments to Boards & Commissions | |
| ☒ Mark if this item does not conflict with any Resolution, Ordinance or City Charter, policies, procedures | |

Cost Details:

Budgeted	N/A
Actual Bid	N/A
Estimated Expenditure	N/A
Acct. Name(s)	N/A
Line Items #	N/A
Other Funding	N/A

STAFF'S RECOMMENDATION: Motion to approve appointments and/or reappointments to fill various positions of the Boards and Commissions

FISCAL IMPACT: N/A (Boards and Commission members serve without pay)

BOARD OF ADJUSTMENT

BOARD OF ADJUSTMENT- ORD. 953		Appointed	Expires	Appoints
1. Lillian Petty	#11 N. Skimmer	18	19	D
2. David Pennington-Exp.	924 Cypress	18	19	C
3. Herman Harper	102 Union	17	19	A
4. Harold Augustus	1030 Laurel	18	20	M
5. Lois M. Jones	2602 Meadow Lane	17	19	B
ALTERNATES				
1. Helen Kee	3103 Mc Arthur	16	18	D
2. VACANT		18	20	C
Ex-officio- Open				

The Board shall consist of five (5) members who are residents of the City, each to be appointed by the City Council for a term of two years and removable for cause by the appointing authority upon written charges and after public hearing.

The City Council may appoint two (2) alternate members of the Board who shall serve in the absence of one (1) or more of the regular members.

These alternate members, when appointed, shall serve for the same period as the regular members, which are for a term of two (2) years, and any vacancy shall be filled in the same manner, and they shall be subject to removal the same as the regular members.

Each position on the Board shall be given a numerical designation with the designations beginning with the number 1 and ending with the number 5.

The terms of the odd-numbered positions (1, 3 & 5) will expire in odd-numbered years and the terms of even-numbered years (2 & 4) shall expire in even-numbered years. Board members may be appointed to successive terms.

BUILDING STANDARDS COMMISSION

<i>BUILDING STANDARDS COMMISSION ORD. #449</i>		Appointed	Expires	Appoints
Deanie Barrett	2603 Cedar	17	19	C
VACANT (U)		17	19	D
Diane Winston (U)	1501 Colorado	18	19	B
Trina Phillips	1222 Kirsten	18	20	M
Billy Jefferson	89 Borondo Reach	18	20	A
ALTERNATES				
Maggie Manuel	1706 Crockett	18	20	A
Ex-officio- District A				

The Building Standards Commission for the City of La Marque, Texas shall consist of five (5) members to be appointed by City Council; and a number of alternate members not to exceed eight.

Commission members shall serve for two (2) year terms.

(U) Unexpired Term

CEMETERY BOARD

CEMETERY BOARD – ORD. 1033		Appointed	Expires	Appoints
1. Ellen Hanley	1019 Plum	18	20	A
2. Rosalind Meeks Crockett	1302 Merry Lane	18	20	C
3. Kurt Koopman	1004 Lilac	18	20	B
4. Bim Crowder (CHAIR)	401 Texas Avenue	16	18	D
5. VACANT- EXPIRED		15	17	M
Ex-officio- OPEN				

The Cemetery Board for the City of La Marque, Texas shall consist of five (5) members to be appointed by City Council; and one ex-officio member of City Council.

Board members shall serve for two (2) year terms.

KEEP LA MARQUE BEAUTIFUL COMMISSION

<i>KLMBC- ORDINANCE # O-2017-0021</i>		Appointed	Expires	Appoints
1. Kimberly Yancy	2602 Meadow Lane	17	19	B
2. Carlos Flores	509 Wisteria	16	18	D
3. Joe A. Compian	1020 Duroux	17	19	A
4. Terry Pettijohn	41 Borondo Pines	18	20	M
5. Kathy Herrin	56 Borondo Pines	17	19	B
6. David Holmen	605 Sable Terrace Ln.	16	18	M
7. Vivian Allen	816 Howell Ave.	17	19	C
Ex-officio- District D				

All seven (7) Commissioners appointed by the City Council serve two (2) year staggered terms, except that appointment to vacancies shall be for the unexpired term of the position to which the appointment is made.

PLANNING & ZONING COMMISSION

PLANNING & ZONING ORD. # 2014-0023		Appointed	Expires	Appoints
1 Augustino Molis	741 Spoonbill	18	20	A
2 Deanna Bethea	621 Westwood Cir.	18	19	B
3 Greg Cornett	1310 Cedar	17	19	C
4 Hugh Cash	217 Sarlee	18	20	M
5 Jean Gutierrez	1020 Ross Street	17	19	D
ALTERNATES				
#1 Nancy Vidotto	622 Hollingsworth	18	20	A
#2 VACANT (U)		18	20	B
Ex-officio- District C				

The City Council shall appoint a Planning and Zoning Commission which shall consist of five (5) members, each member being a resident and a real property taxpayer of the City of La Marque, and none of whom shall hold any other position in the City Government.

Three members of the **first** Commission shall be appointed for a term of two years and two for a term of one year. Thereafter, new members shall be appointed for a term of two years. Ordinance No. O-2014-0023, allows for City Council to appoint two (2) alternates to the Planning & Zoning Board.

***Alternates** are required to attend and review packets as the regular Commission members. In the case that an alternate is present to make a quorum, in the absence of a member, they will be allowed to vote. If all members are present, alternates votes will not be allowed to vote.

**CANDIDATE APPLICATION FORM
FOR COUNCIL-APPOINTED BOARDS & COMMISSIONS
OF
THE CITY OF LA MARQUE**

City Council will review applicants interested in serving on a City Board and/or City Commission. Information disclosed on this application or any other attached documents may be disclosed in public meetings.

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Please type or print information

Board Preference 1: BUILDING AND STANDARDS COMMISSIONS

Board Preference 2: _____

Name: KALEB SMITH

Home Address: 614 BENSON ST.

City: LA MARQUE Zip: 77568 La Marque Resident: 28 yrs

Home Telephone: 409-218-5049 Home E-mail: SMITH0409@LIVE.COM

Profession: GENERAL CONTRACTOR

Special Knowledge or Experience applicable to City Board/Commission function: _____

YEARS OF CONSTRUCTION KNOWLEDGE, HUGE PASSION
TO IMPROVE MY HOMETOWN

Other Information (Civic Activities):

I verify that the information I have provided on this application to be true and correct.
I also acknowledge that this information may be made available to the public.

Signature: 

Date: 10-10-18

PLEASE RETURN COMPLETED APPLICATION TO THE CITY CLERK'S OFFICE, 1111 BAYOU RD,
LA MARQUE, TEXAS 77568. APPLICATIONS WILL REMAIN ON FILE FOR TWO YEARS.

**CANDIDATE APPLICATION FORM
FOR COUNCIL-APPOINTED BOARDS & COMMISSIONS
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THE CITY OF LA MARQUE**



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Please type or print information

Board Preference 1: Board of Adjustments ←

Board Preference 2: Planning and Zoning ←

Name: Stephanie Gordon

Home Address: 105 Lake Road

City: La Marque Zip: 77568 La Marque Resident: 30 yrs

Home Telephone: 4094436711 Home E-mail: gordons765@gmail.com

Profession: Realtor

Special Knowledge or Experience applicable to City Board/Commission function:

Resident for over 30 years in TC/LM
Graduate of LMISD (1989) Real Estate Professional
AKO former employee of LMISD 2009-2015
Other Information (Civic Activities):
Galveston County Democrats / Former Precinct
331 Chair

I verify that the information I have provided on this application to be true and correct.
I also acknowledge that this information may be made available to the public.

Signature: Stephanie Gordon

Date: Aug 27, 2018

PLEASE RETURN COMPLETED APPLICATION TO THE CITY CLERK'S OFFICE, 1111 BAYOU RD,
LA MARQUE, TEXAS 77568. APPLICATIONS WILL REMAIN ON FILE FOR TWO YEARS.

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MAR 09 AM
2017

**CANDIDATE APPLICATION FORM
FOR COUNCIL-APPOINTED BOARDS & COMMISSIONS
OF
THE CITY OF LA MARQUE**

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Please type or print information

Board Preference 1: Clean City Commission

Board Preference 2: _____

Name: ISHANIE MOSES

Home Address: 1403 DUBOIS

City: LA MARQUE Zip: 77568 La Marque Resident: 12 yrs

Home Telephone: 409 935 4373 Home E-mail: JMOSES10@SBGGLOBAL.NET

Profession: CHRONIC CONDITION EDUCATOR - THE LUSSETREE

Special Knowledge or Experience applicable to City Board/Commission function: _____

PT. 1ST SQ. VETERAN, LONG TIME RESIDENT LA MARQUE

Other Information (Civic Activities):

VARIOUS

I verify that the information I have provided on this application to be true and correct.
I also acknowledge that this information may be made available to the public.

Signature: Ishanie Moses

Date: 3-8-17

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**CANDIDATE APPLICATION FORM
FOR COUNCIL-APPOINTED BOARDS & COMMISSIONS
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THE CITY OF LA MARQUE**

2017

APR 05 AM

City Council will review applicants interested in serving on a City Board and/or City Commission. Information disclosed on this application or any other attached documents may be disclosed in public meetings.

Please type or print information

Board Preference 1: Economic Development

Board Preference 2: Clean City

Name: Jennifer Faircloth Earl

Home Address: 1412 Bonham

City: La Marque Zip: 77568 La Marque Resident: 15 yrs

Home Telephone: 409-539-0304 Home E-mail: kyleearl@sbcglobal.net

Profession: Production Manager at Minotemon Press-Bay Area

Special Knowledge or Experience applicable to City Board/Commission function: I have experience of assisting in the running of a business as well as a longtime resident.

Other Information (Civic Activities):

N/A

I verify that the information I have provided on this application to be true and correct. I also acknowledge that this information may be made available to the public.

Signature: Jennifer Faircloth Earl

Date: 4-3-17

PLEASE RETURN COMPLETED APPLICATION TO THE CITY CLERK'S OFFICE, 1111 BAYOU RD, LA MARQUE, TEXAS 77568. APPLICATIONS WILL REMAIN ON FILE FOR TWO YEARS.

**CANDIDATE APPLICATION FORM
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City Council will review applicants interested in serving on a City Board and/or City Commission. Information disclosed on this application or any other attached documents may be disclosed in public meetings.

Please type or print information

Board Preference 1: **Open-Prefer something related to Public Safety or Building/Construction.**

Board Preference 2: _____

Name: **Alan Waters** _____

Home Address: **1 S. Pintail St.** _____

City: La Marque _____ Zip: **77568** _____ La Marque Resident: Yes _____ **yrs 6**

Home Telephone: **(281) 250-4153** _____ Home E-mail: **Al1Pride@AOL.Com** _____

Profession: **Owner of a Modular Building Company** _____

Special Knowledge or Experience applicable to City Board/Commission function: _____
BS Criminology – Former Police Chief – MBA and business owner _____

Other Information (Civic Activities):

Vice Chairman – College of the Mainland. Omega Bay HOA - Secretary _____

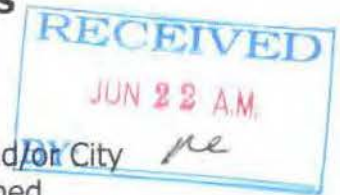
I verify that the information I have provided on this application to be true and correct.
I also acknowledge that this information may be made available to the public.

Signature: **Alan L. Waters** _____

Date: **May 14, 2018** _____

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**CANDIDATE APPLICATION FORM
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Please type or print information

Board Preference 1: Board of Adjustment

Board Preference 2: _____

Name: Charlotte O. Westlake

Home Address: 825 Shady Lane

City: La Marque Zip: 77568 La Marque Resident: ☒ yrs

Home Telephone: 409-935-5167 Home E-mail: _____

Profession: Retired

Special Knowledge or Experience applicable to City Board/Commission function: Length of Time I have been on Board; zoning Committee

Other Information (Civic Activities):

I verify that the information I have provided on this application to be true and correct.
I also acknowledge that this information may be made available to the public.

Signature: Charlotte O. Westlake

Date: 6-22-2018

PLEASE RETURN COMPLETED APPLICATION TO THE CITY CLERK'S OFFICE, 1111 BAYOU RD,
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Please type or print information

Board Preference 1: Cemetery Board

Board Preference 2: _____

Name: James C. Crowder Jr (B.M.)

Business Home Address: 21401 TEXAS AVE Home 13815 Holland Rd
LAMARQUE, TX TEXAS CITY

City: LAMARQUE Zip: 77568 La Marque Resident: 9 yrs

Home Telephone: cell 409-739-0054 Home E-mail: jc crowder Jr @
Crowder funeral home

Profession: Funeral Director

Special Knowledge or Experience applicable to City Board/Commission function: _____
Funeral Director for 45 years

Other Information (Civic Activities):
Rotary Club of the Mainland La Marque Crime Stopper

I verify that the information I have provided on this application to be true and correct.
I also acknowledge that this information may be made available to the public.

Signature: James C. Crowder Jr

Date: 8/2/2018

PLEASE RETURN COMPLETED APPLICATION TO THE CITY CLERK'S OFFICE, 1111 BAYOU RD,
LA MARQUE, TEXAS 77568. APPLICATIONS WILL REMAIN ON FILE FOR TWO YEARS.