

SUBDIVISION APPLICATION

RECEIVED



CITY OF MISSION SUBDIVISION APPLICATION

	PLAT FEES
Name: <u>Jose & Maria Ulloa</u>	5 ACRE PLAT OR LESS.....\$400
Address: <u>927 Jay Ave.</u>	5+ ACRES.....\$500
City: <u>Mission, TX 78572</u>	Re-Plat Filing/Review\$300
Phone: <u>417-593-1328</u>	Separate Subdivision variance/open cuts, etc. \$150
Subdivision Name: <u>Ulloa Subdivision</u>	P&Z Date: _____ City Council Date: _____

Urban (City) Yes Suburban ETJ N/A Rural ETJ N/A
Zone: R-4 Water Dist. City School Dist. Mission ISD

of Lots: Residential 8 Non-Residential _____ Common Areas/Lots _____
Water CCN: SWSC N/A LJWSC N/A MUD N/A

WATER		SEWER	
<u>261</u> L. F. of <u>8"</u> Water Lines	<u>261</u> L. F. of <u>8"</u> Sewer Lines		
<u>261</u> L. F. of <u>12"</u> Water Lines	<u> </u> L. F. of <u> </u> Sewer Lines		
Other: _____	Lift Sta: <u>N/A</u> N/A-Septic Use: <u>N/A</u>		
Suburban ETJ Only: _____	Other: _____		

MSR cost of water meters & Membership costs \$ _____ Cost of Septic Tanks _____

STREETS		SEWER	
<u>261</u> L. F. of <u>30' (Jay St.)</u>	<u>261</u> L. F. of <u>71' (Insp. Rd)</u>		
Other: _____	Other: _____		

15075601
1201 E. 8TH ST
REC#: 06473538 11/19/2025 10:21 AM
OPER: MDLC - TERM: 007
REF#: 22-111101703
TRAN: 550.0000 BUSINESS LICENSE
20250874-11/19/25 ULLOA, JOSE & MARIA
GRITTFEN GARDENS SUBD 400.00GR
TENDERED: 400.00 MONEY ORDER
APPLIED: 400.00
CHANGE: 0.00

Storm Lines
Storm Lines
Storm Lines

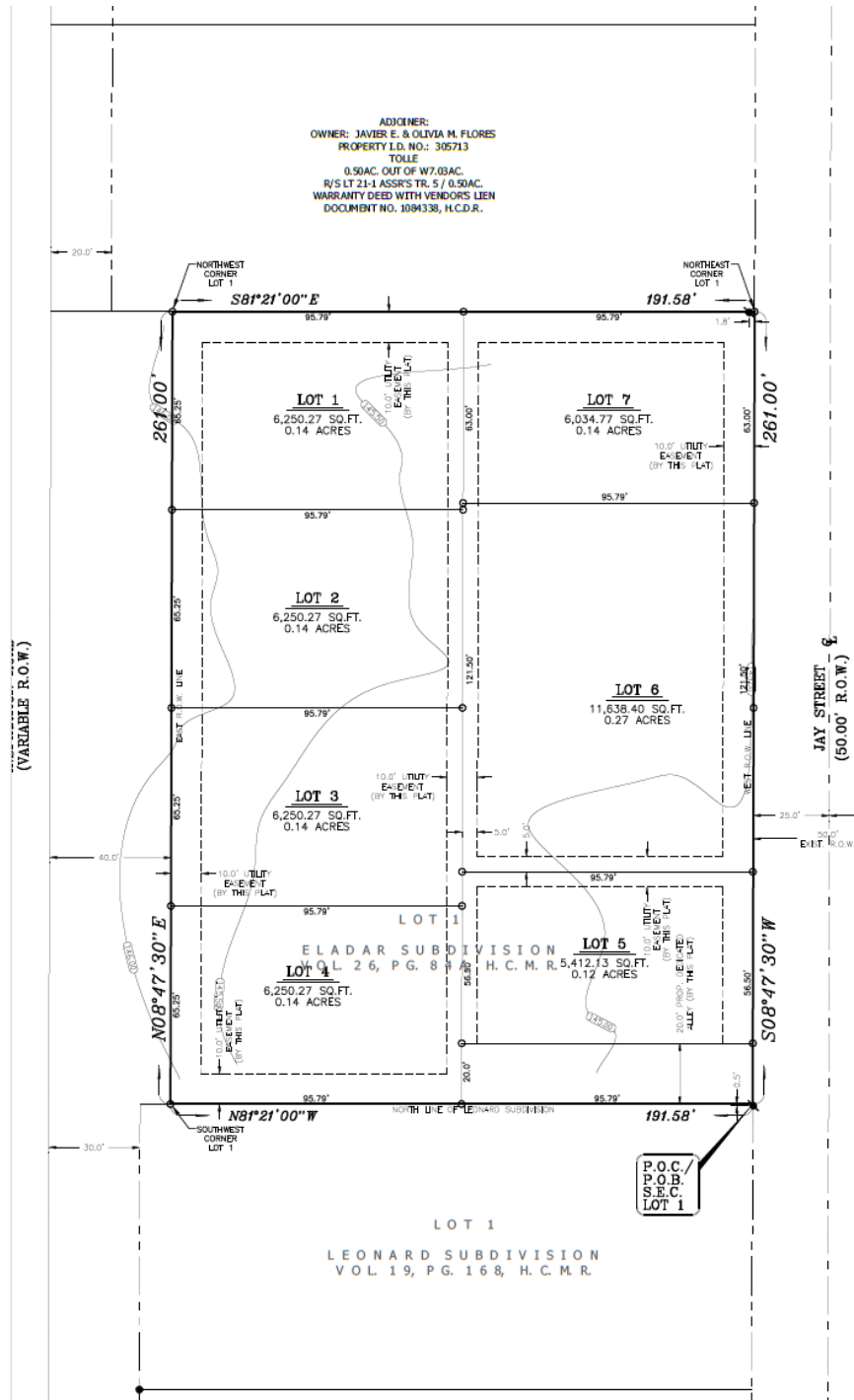
Revised 2023

WATER CONSERVATION STAGE 2
THANK YOU AND HAVE A GREAT DAY!

90250874

PLAT

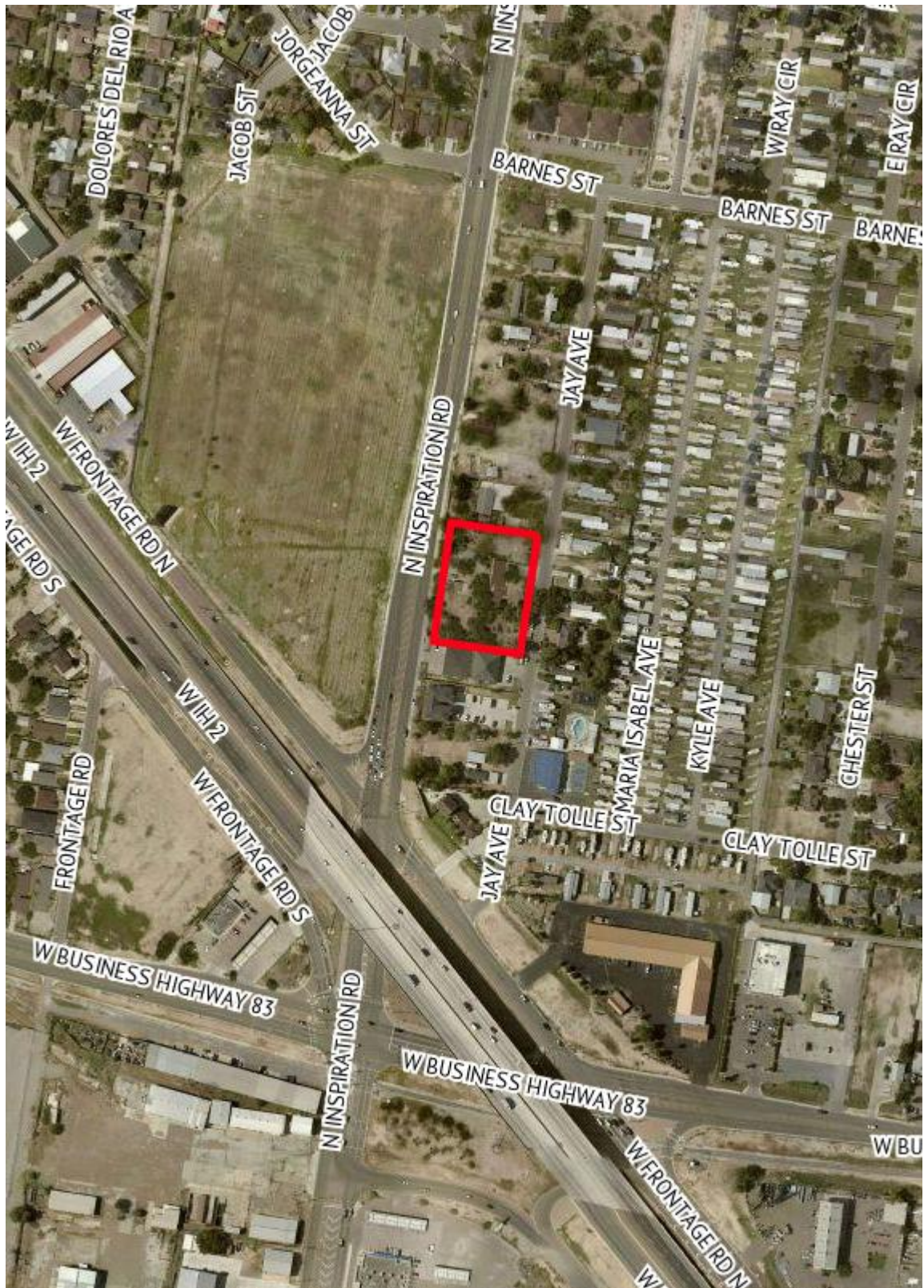
ADJOINER:
OWNER: JAVIER E. & OLIVIA M. FLORES
PROPERTY I.D. NO.: 305713
TOLLE
0.50AC. OUT OF W7.03AC.
R/S LT 21-1 ASSR'S TR. 5 / 0.50AC.
WARRANTY DEED WITH VENDORS LIEN
DOCUMENT NO. 1084338, H.C.D.R.



ULLOA SUBDIVISION

AN ADDITION TO THE CITY OF MISSION,
HIDALGO COUNTY, TEXAS.

AERIEL PHOTO



1201 E. 8th Street
MISSION, TX 78572

TEL: (956) 350-6672
FAX: (956) 350-6650

No

[illegible]

DRAINAGE REPORT

INDEX

Drainage Report Narrative: Page 2.-3.

- A. Hydrograph: Dated 11/05/25 Attached
- B. Plat reduction of Ulloa Subdivision, Mission
- C. Copy of FIRM – CPN 480345 0005 C, dated 11/20/81
- D. Copy of Plat reduction and other drainage report exhibits

DRAINAGE REPORT NARRATIVE

Proposed Ulloa Subdivision is an eight (8) lot 1.15 acre residential merical plat out of a part of Lot 1, Eladar Subdivision, Mission, Hidalgo County, Texas. This tract is located south of Barnes Street along the west side of Jay Street. The site has double frontage with Inspiration Road along the west side. This proposed subdivision plat is located in Zone "X" as per the FIRM Community Panel No. 480345 0005 C, dated 11/21/81. Zone "X" areas are defined as "Areas of 500-year flood; areas of 100-year flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levee from 100-flood." The site currently occupied being used a a commercial heavy equipment rental business. This site has 261.0 feet of frontage along Jay Street and Inspiration Road along with a depth of 19158 feet (east/west). Inspiration Road is a TxDOT road and Jay Street is a City of Mission roadway. Both streets are completed with pavement, curb & gutter and storm sewer improvements.

There is an existing mobile home on the 1.15 acre tract of land, and, one single family residence. The remainder of the property is vacant and un-improved. It is proposed that single family homes will be constructed on the available lots, and, the existing mobile home may need to be relocated into it's own lot.

Soils of this proposed plat consist of a Hidalgo Fine Sandy loam complex (Map Unit No. 26) with slopes between 1 and 3 percent. This Class B soil is well drained with medium surface runoff and moderate permeabilities. This soil unit is assigned to subclass IIe non-irrigated and irrigated; it is in the Gray Sandy Loam range site and may be seen on Sheet 92 of the Soil Survey of Hidalgo County, Texas.

Waters within this property essentially flow via sheet flow in a south south-easter direction away from Inspiration Road. Waters entering and/or falling on the paved section of Jay Street flow south along Jay Street away from these lands and into the drainage system of Inspiration Road. There is not storm sewer along Jay Street – storm sewer is located along Inspiration Road.

In accordance with the drainage policies of the City of Mission, this subdivision shall be required to detain on-site the total volume of water CREATED by the post-development of this 1.15 acre property. Using the Modified Rational Method (*For Reference: TxDOT Intensity-Frequency-Duration Coefficients for Texas Counties HDM (2004)*) over a 10-year storm event, and, existing drainage coefficient of 0.20 with a future computed drainage coefficient of 0.43 – *For Reference: FHWA, Urban Drainage Design Manual HEC -22 (2001)*, an average drainage run of 250.0 feet and an average south south-easterly slope of 0.40%, it was computed that the improved condition would produce an additional volume of 4,784.26 Cubic Feet, or, 0.110 Acre-Feet. Runoff shall increase from 1.05 CFS to 3.41 CFS – an increase of 2.36 CFS.

The City of Mission will require enforcement of the calculations of this report and how drainage shall be detained on each lot. Currently, it is proposed that each lot owner shall provide for the on-site detention of drainage waters not less than 600 Cu. Ft. The minimum finished flood elevation shall not be less than 18" above the top of the curb at the center of this lot in front of each respective street. No additional paving or drainage improvements are being provided to either roadway by this development.

Date: November 05, 2025

Attachment: Hydrograph and Other Required Drainage Report Information
xc: n:\subdivision\plats\ulfoa.sub\110525



☐ REJECTED	
☒ APPROVED FOR SUBMITTAL	
☐ TO H.C. PLANNING DEPT.	
☒ TO CITY	
☐ DISCHARGE PERMIT REQUIRED	
☐ DISTRICT FACILITY	
☐ CITY FACILITY	
☐ OTHER _____	
	
H.C.D.D. NO. 1	DATE 3-10-26