

SUBDIVISION APPLICATION

RECEIVED
10/23/24

CITY OF MISSION SUBDIVISION APPLICATION



Name: Mission Park Trails, LLC
Address: 1501 N. Border, Ste. 104
City: Weslaco, TX 78599
Phone: c/o (956) 381-0981
Subdivision Name: _____
Replat of Lot 48 & 49 Hidden Hills Estate S/D

PLAT FEES

5 ACRE PLAT OR LESS.....\$400
5+ ACRES.....\$500
Re-Plat Filing/Review\$300
Separate Subdivision variance/open cuts, etc. \$150
P&Z Date: _____ City Council Date: _____

Urban (City) X Suburban ETJ _____ Rural ETJ _____
Zone: R-3 Water Dist. UID School Dist. Mission ISD
of Lots: Residential 115 Non-Residential _____ Common Areas/Lots _____
Water CCN: SWSC _____ LJWSC _____ MUD _____

WATER

4,342 L. F. of 8" Water Lines
_____ L. F. of _____ Water Lines

Other: _____

Suburban MSR cost of water meters &
ETJ Only: Membership costs \$ _____

SEWER

3,350 L. F. of 8" Sewer Lines
_____ L. F. of _____ Sewer Lines

Lift Sta: _____ N/A-Septic Use: _____

Other: _____
Suburban ETJ Only: MSR cost of Septic Tanks
\$ _____

STREETS

3,386 L. F. of 40' Wide Streets
_____ L. F. of _____ Wide Streets

Other: _____

STORM SEWER

2091 L. F. of 24" Storm Lines
590 L. F. of 30" Storm Lines
660 L. F. of 36" Storm Lines
780 L. F. of 42" Storm Lines

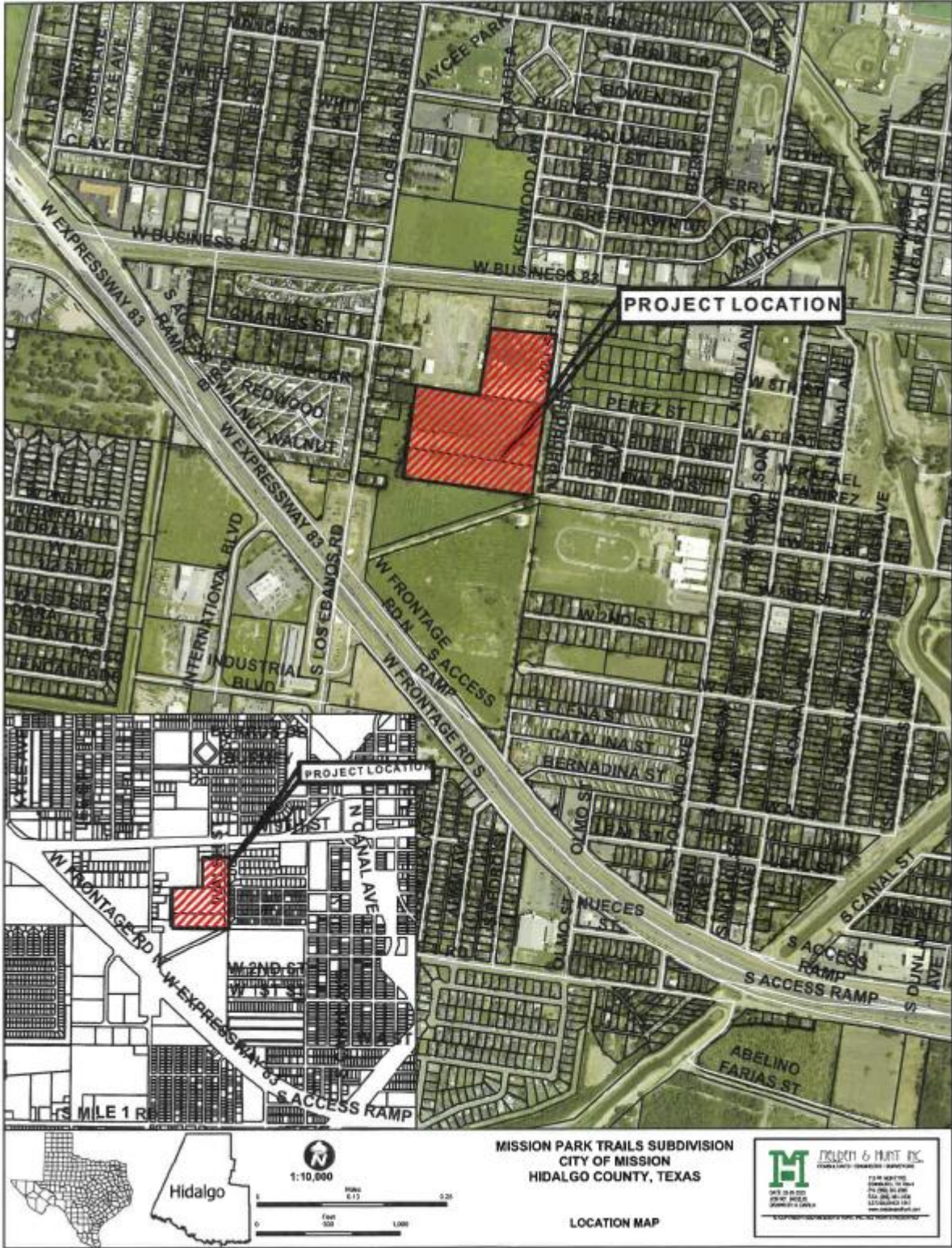
Filing Fee: \$ _____
*Non-Refundable

Receipt #: 20240739

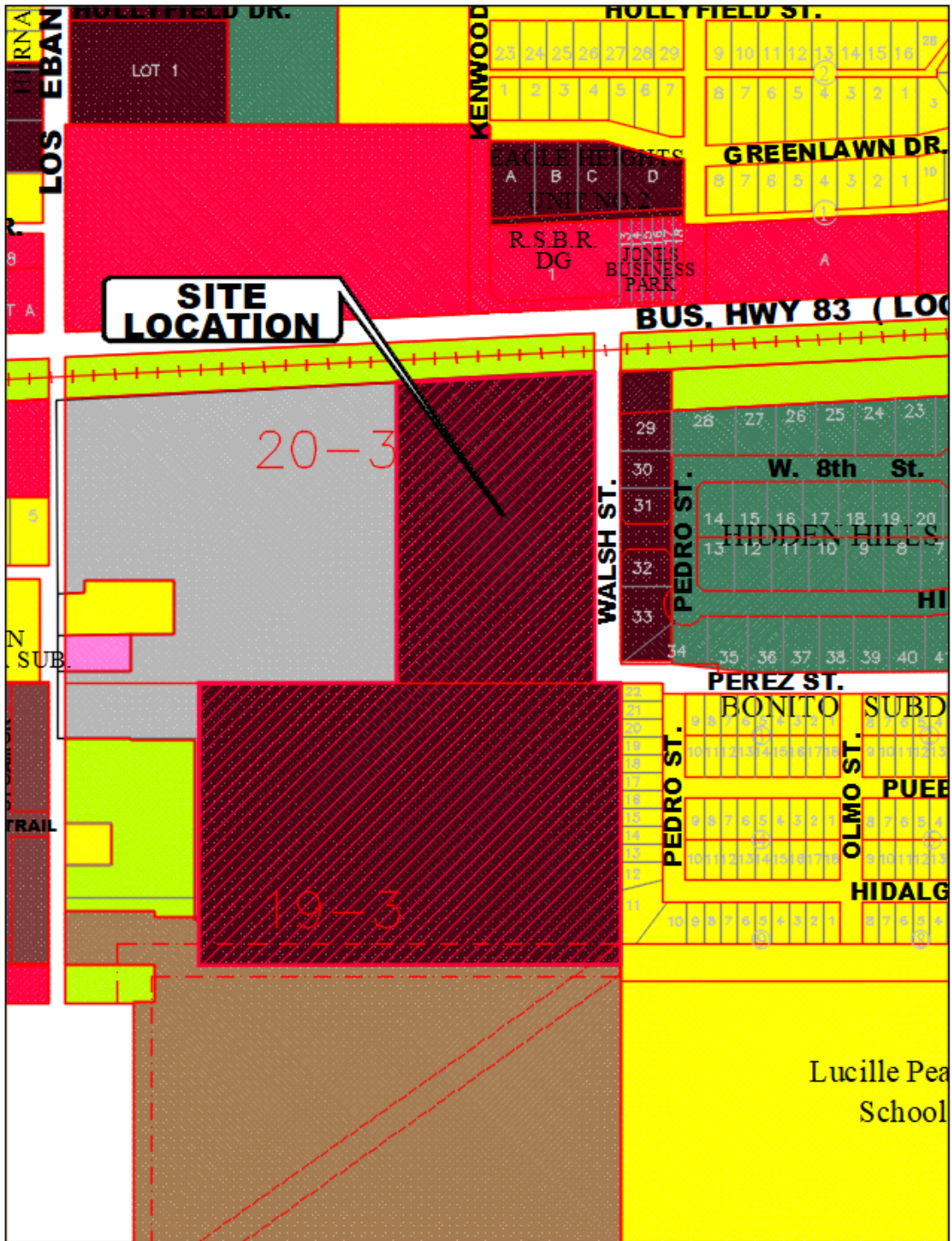

Digitally signed by Mario Reyna
Date: 2024.10.23 14:42:39 -0500
Owner/Agent

10/23/24
Date

AERIAL



ZONING MAP



CITY OF MISSION
HIDALGO COUNTY, TEXAS

1201 E. 8th Street
MISSION, TX 78572

PH: (956) 580-8672
FAX: (956) 580-6680

No.

DRAINAGE REPORT



TBPELS Firm # F-1435
TBPELS # 10096900

MELDEN & HUNT INC.

CONSULTANTS • ENGINEERS • SURVEYORS

MARIO A. REYNA • ALLAN F. BOOE • ROBERTO N. TAMEZ • RUBEN JAMES DE JESUS • MICHAEL HERNANDEZ

Drainage Statement

MISSION PARK TRAILS SUBDIVISION

Project #24038.00 Date: October 22, 2024

Revised: March 1, 2025


MISSION PARK TRAILS SUBDIVISION A tract of land containing 19.139 acre tract of land, consisting of 5.82 acres out of lot 491 and 27.26 acres out of lot 501, John H. Shary Subdivision, Hidalgo County, Texas, according to the map or plat thereof recorded in volume 05, page 31, map records of Hidalgo County, Texas. This subdivision lies in Zone "X" (unshaded), which is designed as areas determined to be outside 500-year flood plain.. Community Panel No. 48345 0005 C; Map Revised: November 20, 1991. The property is located on the west side of the corner Walsh Avenue & Perez street. The property is currently open with a proposed use of 21 multifamily lots, 89 single family lots and 3 common areas. Currently inside the City of Mission, Texas.

The soils in this area (28) Hidalgo sandy clay, (31) Hidalgo-Urban Land, (52) Raymondville clay loam, and (54) Raymondville-Urban land complex, which are in Hydrologic Group "B" & "C". These soils are moderately pervious and have a relatively low plasticity index. (See excerpts from "Soil Survey of Hidalgo County, Texas").

Existing runoff is in a northeasterly direction, with a runoff of 10.90 c.f.s. during the 10-year storm frequency as per the attached calculations. Proposed runoff after development is 75.97 c.f.s., during the 50-year storm frequency, per the attached calculation, which is an increase of 65.07 c.f.s.

The proposed drainage for this subdivision shall consist of surface runoff from the lots into the proposed streets and collected by type "A" inlets located at key points within the subdivision. The pipe size diameters shall range from 24" to 42". The proposed storm system shall discharge into an existing detention pond on the north side of the site.

In accordance with the City of Mission drainage policy, the peak rate of runoff in this subdivision will not be increased during the 50-year rainfall event due to the building of this subdivision. Therefore, as per attached calculations the required 138.860 cubic feet of detention has been provided by Hidden Hills Subdivision.

<input type="checkbox"/> REJECTED	
<input checked="" type="checkbox"/> APPROVED FOR SUBMITTAL	
<input type="checkbox"/> TO H.C. PLANNING DEPT.	
<input type="checkbox"/> TO CITY	
<input type="checkbox"/> DISCHARGE PERMIT REQUIRED	
<input type="checkbox"/> DISTRICT FACILITY	
<input type="checkbox"/> CITY FACILITY	
<input type="checkbox"/> OTHER	
H.C.D.D. No. 1	DATE

4-16-25

M. Reyna
Mario A. Reyna, P.E. #117368

Date:

