

AERIAL PHOTO



STATEMENT OF COMPLETION - ENGINEERING



Public Works Department

To: Xavier Cerventes Planning Director
Project/Subdivision Sharyland Business Park Subdivision
Project/Subdivision Contractor Posillico Civil Inc.
Project/Subdivision Engineer Melden and Hunt Inc.
From: Juan Pablo "JP" Terrazas, P.E., CPM Assistant City Manager
Date: 4/30/2025

STATEMENT OF COMPLETION

The infrastructure installed has been inspected and accepted by the City of Mission (Public Works) Utility, Streets & Drainage Department. As-builts are due for review.

Streets:

Sharyland Business Park has been inspected by ☒ Joaquin Gonzalez and or ☐ Antonio Serna.
The infrastructure installed by Posillico Civil Inc. and the methods for testing
and approval have complied with the City Subdivision Standards Manual revised September 2023.

Inspector (s) Joaquin Gonzalez

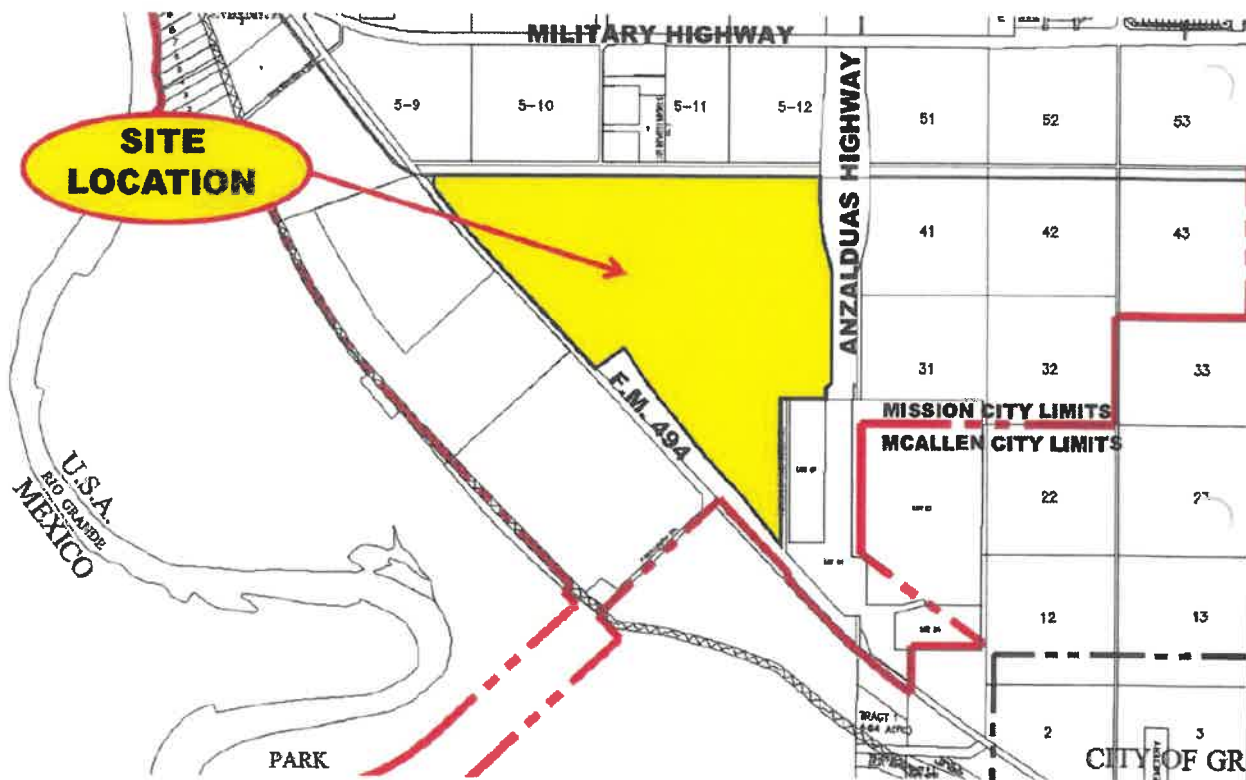
Strom Drain:

Sharyland Business Park has been inspected by ☒ Joaquin Gonzalez and or ☐ Antonio Serna.
The infrastructure installed by Posillico Civil Inc. and the methods for testing
and approval have complied with the City Subdivision Standards Manual revised September 2023.

Inspector (s) Joaquin Gonzalez

Juan Pablo "JP" Terrazas, P.E., CPM
Assistant City Manager

SITE LOCATION



STORM WATER DRAINAGE STATEMENT



TEPELS Form # 7-1435
TEPELS # 100000000

MELDEN & HUNT INC.

CONSULTANTS • ENGINEERS • SURVEYORS

FRED L. KURTH • ALLAN F. BOYD • HEARTY A. MILLER, JR. • ROBERT D. TAMEZ • DAVID J. REYN • RUBEN JAMES DE JESUS

Drainage Statement SHARYLAND BUSINESS PARK SUBDIVISION PHASE I Project #20075.00 Date: May 19, 2021

SHARYLAND BUSINESS PARK SUBDIVISION PHASE I, A tract of land containing 175.22 acres of land situated in the City of Mission, Hidalgo County, Texas, being a part or portion out of Porcion 57. This subdivision lies in Zone "C", which is defined as areas of minimal flooding. Community Panel No. 480334 0400 C; Map Revised: November 16, 1982. The property is located northwest of the corner of Military Highway & F.M. 396. The property is currently open with a proposed use of 15 commercial lots and 1 drain ditch, currently inside the City of Mission, Texas.

The soils in this area (7) Cameron silty clay, (19) Harlingen clay, (55) Reynosa silty clay loam, and (64) Rumm silty clay, which are in Hydrologic Groups "B", "C" and "D". 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 southeasterly direction, with a runoff of 43.91 c.f.s. during the 10-year storm frequency as per the attached calculations. Proposed runoff after development is 202.99 c.f.s., during the 50-year storm frequency, per the attached calculation, which is an increase of 159.08 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 be 24". The proposed storm system shall discharge into a proposed detention ditch to be constructed in the center of the site, which will then discharge into an existing City of Mission drain ditch A-5.

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 2,042,258.17 cubic feet of detention will be provided within the proposed detention ditch which has a total capacity of 4,960,000 cubic feet.

<input type="checkbox"/> REJECTED	
<input checked="" type="checkbox"/> APPROVED FOR SUBMITTAL	
<input checked="" type="checkbox"/> TO H.C. PLANNING DEPT.	
<input checked="" type="checkbox"/> TO CITY	
<input checked="" type="checkbox"/> NO CHANGE PERMIT REQUIRED	
<input type="checkbox"/> DISTRICT FACILITY	
<input type="checkbox"/> CITY FACILITY	
<input type="checkbox"/> OTHER	
<u>Hector Garcia</u>	<u>6/10/21</u>
H.C.D., NO. 1	DATE


Fred L. Kurth, P.E. #54151



Date: