



# HIDALGO COUNTY PLANNING DEPARTMENT

1304 SOUTH 25<sup>TH</sup> STREET  
EDINBURG TEXAS 78539  
Tel. 956-318-2840 Fax. 956-318-2844

T.J. Arredondo, CFM  
Director of Planning

## HIDALGO COUNTY COMMISSIONERS COURT MEETING

DATE: 1-05-2016

PROPOSED JECCA SUBDIVISION, PRECINCT No. 3.

ENGINEER: Quintanilla, Headley & Associates DEVELOPER: Gorgonio Moreno

PRELIMINARY APPROVAL  FINAL APPROVAL  FINAL APPROVAL WITH FINANCIAL GUARANTEE  WITH VARIANCE

NUMBER OF LOTS: 1  \*SINGLE FAMILY  \*MULTI-FAMILY  COMMERCIAL  INSTITUTIONAL

LOCATION DESCRIPTION: West of Bentsen Palm Drive approximately 1/2 mile south of Mile 3 North Road..

SUBDIVISION LIES WITHIN THE:  ETJ of Mission and was approved by the P & Z and City Commission of said City

DRAINAGE REPORT WAS APPROVED BY HCDD#1: ON 1-15-15 PROPERTY LIES WITHIN FLOOD ZONE: "C" AS PER FEMA.

ROAD R.O.W. DEDICATION: 15 feet onto Bentsen Palm Drive.

H.C.R.O.W. PRELIMINARY APPROVAL DATE: 10-1-15 By, Victor Gallardo, Pct. 3 R.O.W. AGENT

H.C.H.D. PRELIMINARY APPROVAL DATE: 12-15-15 By, Elizardo "Chardo" Ramos Environmental Health Division Manager

SEWER SYSTEM:  OSSF & SOIL ANALYSIS WERE CONDUCTED BY: Aniceto Izaguirre  
 OSSF HAVE BEEN INSTALLED AND INSPECTED BY HCHD ON:

WATER SERVICE PROVIDER: SWSC LINE SIZE: 4" LOCATION: Bentsen Palm Drive

H.C.O.E.C. PRELIMINARY APPROVAL DATE: 12-9-15 : By Martin Ramirez Environmental Compliance Coordinator

**SMALL CONSTRUCTION**

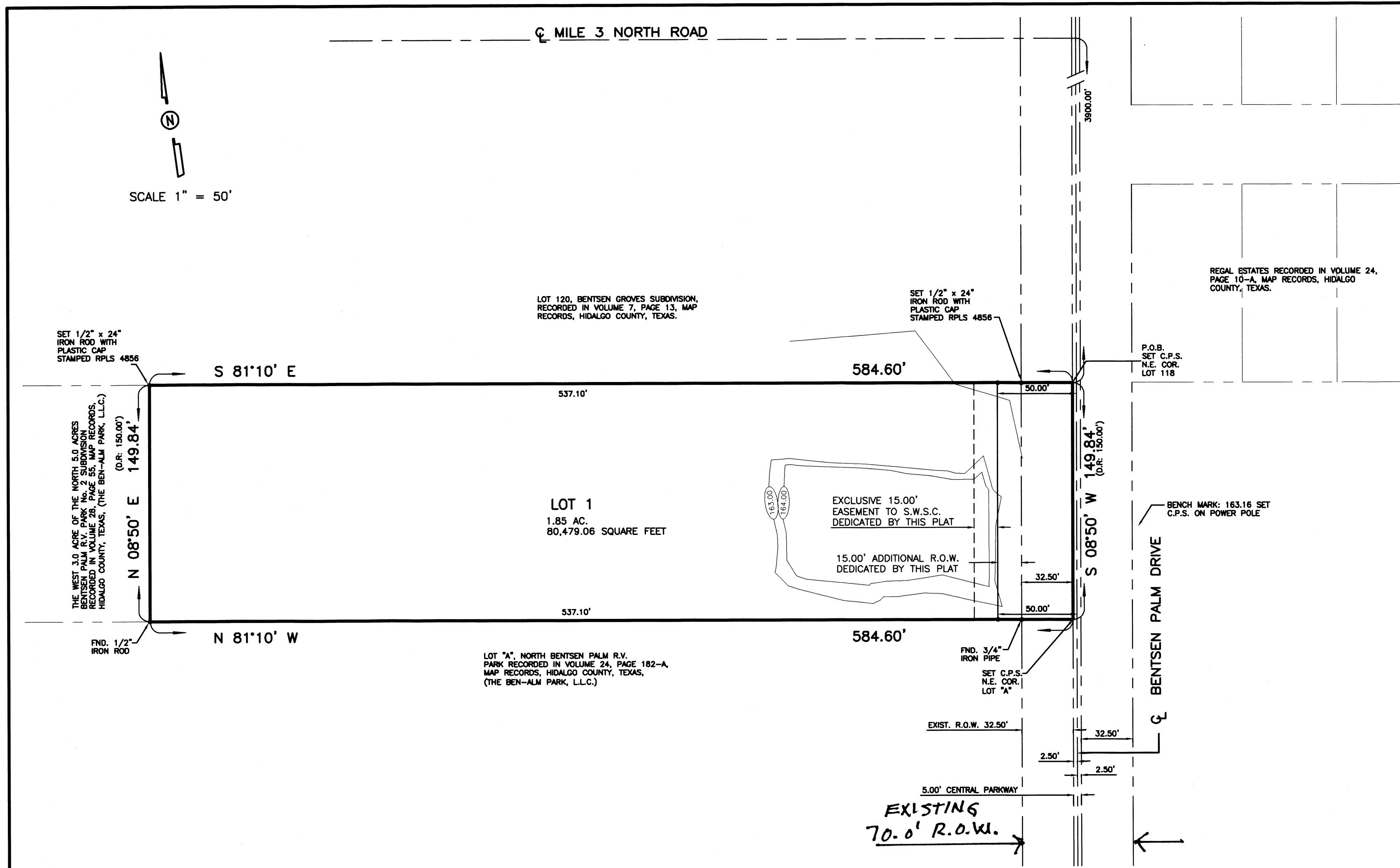
*The applicant has submitted the required small construction site notice as per Part II, Section E of the TPDES General Permit for Construction Activities (TXR150000) along with a copy of the Erosion Control Plan for the proposed project.*

REQUEST FOR FINAL APPROVAL WITH:  **Cash Deposit:** Amount: \$ \_\_\_\_\_ For:  OSSF(S) \_\_\_\_\_  PAVING  DRAINAGE  STREET SIGNS  
 **A Letter of Credit** Financial Institution: \_\_\_\_\_ L.O.C No. \_\_\_\_\_  
Amount: \$ \_\_\_\_\_ For:  OSSF(S) \_\_\_\_\_  PAVING  DRAINAGE  STREET SIGNS

PRELIMINARY APPROVAL FROM THE  
HIDALGO COUNTY COMMISSIONERS COURT ON: \_\_\_\_\_

STAFF RECOMMENDS:  **Preliminary Approval** subject to comments and future recommendations by planning, other departments and the approval of the City of Mission.  
 **Final Approval** subject to recommendations other departments  
 **Final Approval** with financial guarantee.

This subdivision plat has been reviewed and complies with the Hidalgo County Subdivision Rules, Texas Water Development Board Model Subdivision Rules and The Texas Local Government Code.



# JECCA SUBDIVISION

A 2.01 ACRE TRACT OF LAND OUT OF THE NORTH 5.0 ACRES OF LOT 118, BENTSEN GROVES SUBDIVISION, HIDALGO COUNTY, TEXAS, ACCORDING TO THE MAP OR PLAT THEREOF RECORDED IN VOLUME 7, PAGE 13, MAP RECORDS, HIDALGO COUNTY, TEXAS, AND ACCORDING TO WARRANTY DEED WITH VENDOR'S LIEN RECORDED UNDER COUNTY CLERK'S DOCUMENT NUMBER 1539134, OFFICIAL RECORDS, HIDALGO COUNTY, TEXAS.

### METES AND BOUNDS

A 2.01 ACRE TRACT OF LAND OUT OF THE NORTH 5.0 ACRES OF LOT 118, BENTSEN GROVES SUBDIVISION, HIDALGO COUNTY, TEXAS, ACCORDING TO THE MAP OR PLAT THEREOF RECORDED IN VOLUME 7, PAGE 13, MAP RECORDS, HIDALGO COUNTY, TEXAS, AND ACCORDING TO WARRANTY DEED WITH VENDOR'S LIEN RECORDED UNDER COUNTY CLERK'S DOCUMENT NUMBER 1539134, OFFICIAL RECORDS, HIDALGO COUNTY, TEXAS, REFERENCE TO WHICH IS HERE MADE FOR ALL PURPOSES AND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS.

BEGINNING AT A COTTON PICKER SPINDLE SET WITHIN THE RIGHT OF WAY OF BENTSEN PALM DRIVE FOR THE NORTHEAST CORNER OF LOT 118 AND THE NORTHEAST CORNER OF THIS TRACT.

THENCE: S 08°50' W, ALONG THE EAST LINE OF LOT 118, PARALLEL TO AND 2.50 FEET WEST OF THE CENTERLINE OF BENTSEN PALM DRIVE, A DISTANCE OF 149.84 FEET TO A COTTON PICKER SPINDLE SET FOR THE NORTHEAST CORNER OF LOT "A", NORTH BENTSEN PALM R.V. PARK, RECORDED IN VOLUME 24, PAGE 182-A, MAP RECORDS, HIDALGO COUNTY, TEXAS) AND THE SOUTHWEST CORNER OF THIS TRACT.

THENCE: N 81°10' W, ALONG THE NORTH LINE OF LOT "A", NORTH BENTSEN PALM R.V. PARK, PASSING A 3/4" IRON PIPE FOUND AT 32.50 FEET FOR THE WEST RIGHT OF WAY LINE OF BENTSEN PALM DRIVE, A TOTAL DISTANCE OF 584.60 FEET TO A 1/2" IRON ROD FOUND FOR THE SOUTHWEST CORNER OF BENTSEN PALM R.V. PARK No.2 SUBDIVISION (RECORDED IN VOLUME 28, PAGE 55, MAP RECORDS, HIDALGO COUNTY, TEXAS) AND THE SOUTHWEST CORNER OF THIS TRACT.

THENCE: N 08°50' E, ALONG THE EAST LINE OF BENTSEN PALM R.V. PARK No.2 SUBDIVISION, A DISTANCE OF 149.84 FEET (DEED RECORD: 150.00 FEET) TO A 1/2" IRON ROD WITH CAP STAMPED RPLS 4856 SET ON THE NORTH LINE OF LOT 118 FOR THE NORTHEAST CORNER OF SAID BENTSEN PALM R.V. PARK No.2 SUBDIVISION AND THE NORTHWEST CORNER OF THIS TRACT.

THENCE: S 81°10' E, ALONG THE NORTH LINE OF LOT 118, PASSING A 1/2" IRON ROD WITH CAP STAMPED RPLS 4856 SET AT 552.10 FEET FOR THE WEST RIGHT OF WAY LINE OF BENTSEN PALM DRIVE, A TOTAL DISTANCE OF 584.60 FEET TO THE POINT OF BEGINNING AND CONTAINING 2.01 ACRES OF LAND MORE OR LESS.

BEARINGS ARE IN ACCORDANCE WITH LOT "A", NORTH BENTSEN PALM R.V. PARK, RECORDED IN VOLUME 24, PAGE 182-A, MAP RECORDS, HIDALGO COUNTY, TEXAS.

STATE OF TEXAS  
COUNTY OF HIDALGO

I, THE UNDERSIGNED, A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF TEXAS, DO HEREBY CERTIFY THAT THIS PLAT IS TRUE AND CORRECT, AND WAS MADE AND PREPARED FROM AN ACTUAL SURVEY OF THE PROPERTY DONE ON THE GROUND UNDER MY SUPERVISION.



*Alfonso Quintanilla*  
ALFONSO QUINTANILLA  
R.P.L.S. No. 4856  
DATE: 7-21-15

### INDEX TO SHEETS

SHEET 1.- HEADING INDEX; LOCATION MAP AND ETU; PRINCIPAL CONTACTS; MAP; LOT, STREETS, AND EASEMENT LAYOUT; DESCRIPTION (METES AND BOUNDS); ENGINEER'S & SURVEYOR'S CERTIFICATION; PLAT NOTES AND RESTRICTIONS; OWNER'S ACKNOWLEDGMENT; CITY APPROVAL CERTIFICATE; MAYOR'S CERTIFICATE; ADMINISTRATOR'S CERTIFICATE; PLANNING & ZONING CERTIFICATE; COUNTY CLERK'S RECORDING CERTIFICATE; H.C.D. No. 1 CERTIFICATION; IRRIGATION DISTRICT No. 6 CERTIFICATION; HIDALGO COUNTY HEALTH DEPARTMENT CERTIFICATION; REVISION NOTES.

SHEET 2.- ENGINEERING REPORT, INCLUDING DESCRIPTION OF WATER AND OSSF AND ENGINEER'S CERTIFICATION (ENGLISH AND SPANISH VERSION), COUNTY CLERK'S RECORDING CERTIFICATE, DRAINAGE REPORT INCLUDING DESCRIPTION OF DRAINAGE AND DRAINAGE SWALES, MAP OF TOPOGRAPHY AND DRAINAGE, AND ENGINEERING CERTIFICATION; REVISION NOTES.

### APPROVED BY DRAINAGE DISTRICT:

HIDALGO COUNTY DRAINAGE DISTRICT NO. 1 HEREBY CERTIFIES THAT THE DRAINAGE PLANS FOR THIS SUBDIVISION COMPLY WITH THE MINIMUM STANDARDS OF THE DISTRICT ADOPTED UNDER THE TEXAS WATER CODE 49.211(C). THE DISTRICT HAS NOT REVIEWED AND DOES NOT CERTIFY THAT THE DRAINAGE STRUCTURES DESCRIBED ARE APPROPRIATE FOR THE SPECIFIC SUBDIVISION BASED ON GENERALLY ACCEPTED ENGINEERING CRITERIA. IT IS THE RESPONSIBILITY OF THE DEVELOPER AND HIS ENGINEER TO MAKE THEIR DETERMINATIONS.

HIDALGO COUNTY DRAINAGE DISTRICT NO. 1

RAUL SESIN, P.E., C.F.M.  
GENERAL MANAGER  
DATE



FILED FOR RECORD IN  
HIDALGO COUNTY  
ARTURO GUJARDO, JR.  
HIDALGO COUNTY CLERK

ON: \_\_\_\_\_ AT \_\_\_\_\_ AM/PM  
INSTRUMENT NUMBER \_\_\_\_\_  
OF THE MAP RECORDS OF HIDALGO COUNTY, TEXAS  
BY: \_\_\_\_\_ DEPUTY

STATE OF TEXAS  
COUNTY OF HIDALGO  
OWNER'S DEDICATION, CERTIFICATION, AND ATTESTATION

I, GORGONIO MORENO AND MARIA S. MORENO OWNER OF THE 2.01 ACRE TRACT OF LAND ENCOMPASSED WITHIN THE PROPOSED JECCA SUBDIVISION, HEREBY SUBDIVIDE THE LAND AS DEPICTED IN THIS SUBDIVISION PLAT AND DEDICATE TO PUBLIC USE THE STREET, PARK, AND EASEMENTS SHOWN HEREIN.  
I CERTIFY THAT I HAVE COMPLIED WITH THE REQUIREMENTS OF TEXAS LOCAL GOVERNMENT CODE § 232.032 AND THAT:  
(A) THE WATER QUALITY AND CONNECTIONS TO THE LOTS MEET, OR WILL MEET, THE MINIMUM STATE STANDARDS;  
(B) SEWER CONNECTIONS TO THE LOTS OR SEPTIC TANKS MEET, OR WILL MEET, THE MINIMUM REQUIREMENTS OF STATE STANDARDS;  
(C) ELECTRICAL CONNECTIONS PROVIDED TO THE LOTS MEET, OR WILL MEET, THE MINIMUM STATE STANDARDS; AND  
(D) GAS CONNECTIONS, IF AVAILABLE, PROVIDED TO THE LOTS MEET, OR WILL MEET, THE MINIMUM STATE STANDARDS.

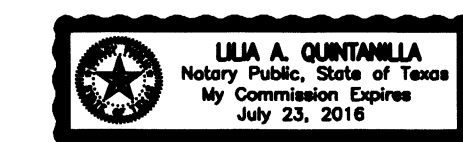
I ATTEST THAT THE MATTERS ASSERTED IN THIS PLAT ARE TRUE AND COMPLETE.

GORGONIO MORENO DATE: MARIA S. MORENO DATE:  
5309 RANCH ROAD 5309 RANCH ROAD  
MISSION, TEXAS 78574 MISSION, TEXAS 78574  
HIDALGO COUNTY, TEXAS HIDALGO COUNTY, TEXAS

STATE OF TEXAS  
COUNTY OF HIDALGO

BEFORE ME, the undersigned notary public, on this day personally appeared Gorgonio Moreno and Maria S. Moreno, proved to me through their Texas Department of Public Safety Driver License to be the persons whose names are subscribed to the foregoing instrument, who, being by me first duly sworn, declared that the statements therein are true and correct and acknowledged that she executed the same for the purposes and consideration thereby expressed.

Given under my hand and seal of office this \_\_\_\_\_ day of \_\_\_\_\_, 2015.



LILIA A. QUINTANILLA - NOTARY PUBLIC

HIDALGO COUNTY  
IRRIGATION DISTRICT No 6

THIS PLAT APPROVED BY HIDALGO COUNTY IRRIGATION DISTRICT NO. 6 ON THIS THE \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_.

SECRETARY \_\_\_\_\_ PRESIDENT \_\_\_\_\_

CITY OF MISSION  
PLANNING AND ZONING

THIS PLAT OF THE JECCA SUBDIVISION HAS BEEN SUBMITTED TO AND CONSIDERED BY THE PLANNING AND ZONING COMMISSION OF THE CITY OF MISSION TEXAS AND IS HEREBY APPROVED BY SUCH COMMISSION.

DATE \_\_\_\_\_ CHAIRMAN PLANNING COMMISSION \_\_\_\_\_

CITY OF MISSION  
CERTIFICATE OF APPROVAL

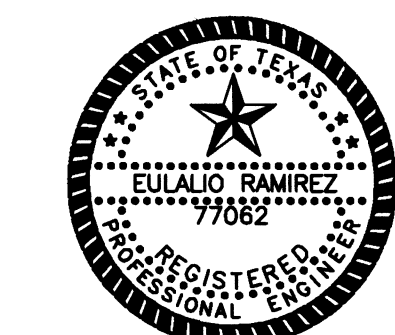
UNDER LOCAL GOVERNMENT CODE 212.015(B), WE THE UNDERSIGNED CERTIFY THAT THIS PLAT OF JECCA SUBDIVISION WAS REVIEWED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF MISSION.

MAYOR OF CITY OF MISSION \_\_\_\_\_ DATE \_\_\_\_\_

ATTEST: \_\_\_\_\_ CITY SECRETARY \_\_\_\_\_ DATE \_\_\_\_\_

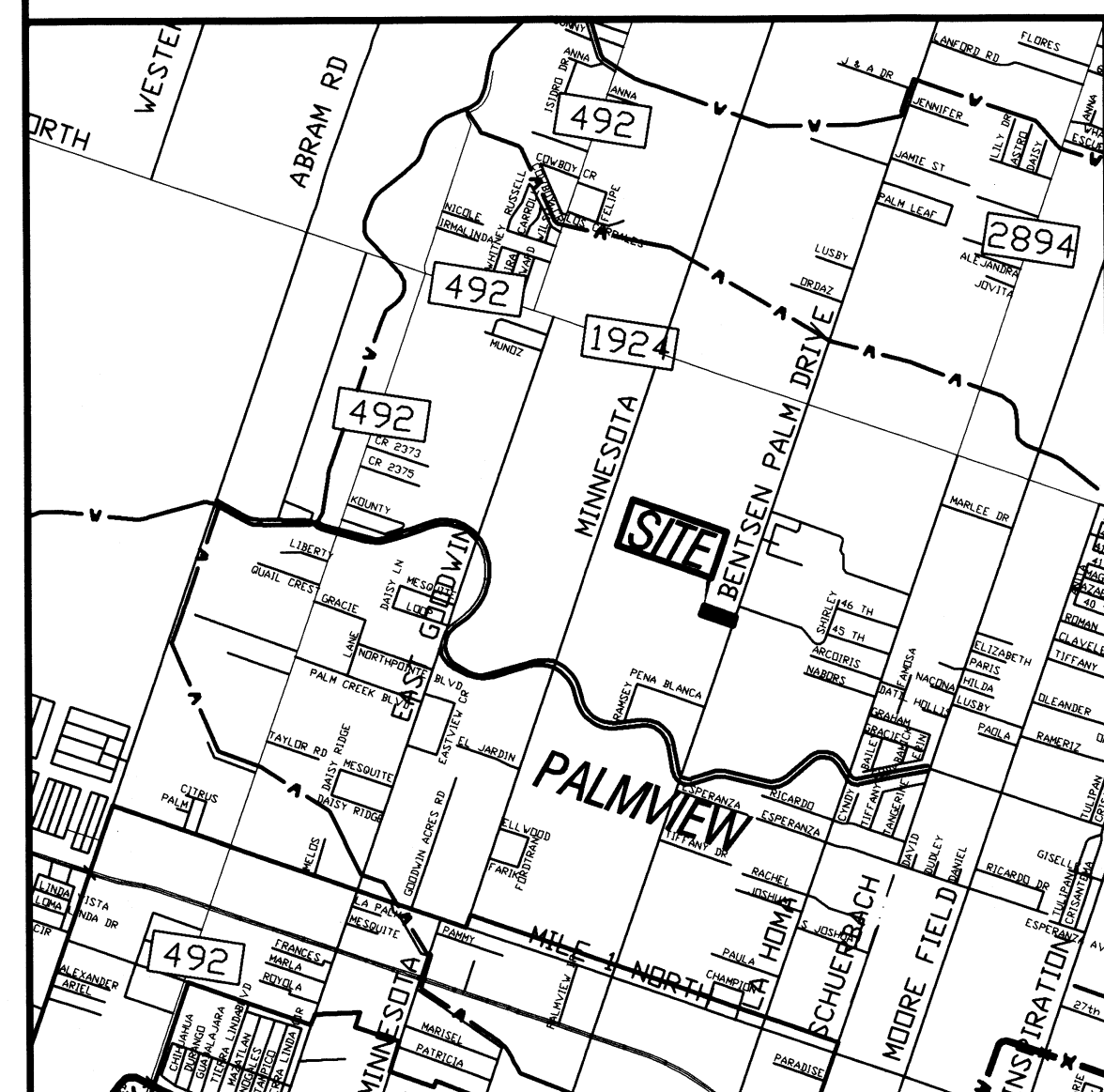
STATE OF TEXAS  
COUNTY OF HIDALGO

I, THE UNDERSIGNED, A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF TEXAS, DO HEREBY CERTIFY THAT THE PROPER ENGINEERING CONSIDERATIONS HAVE BEEN GIVEN TO THIS PLAT.



*Eulalio Ramirez*  
EULALIO RAMIREZ  
P.E. No. 77082  
DATE: 9-29-15

## LOCATION MAP



### GENERAL SUBDIVISION PLAT NOTES

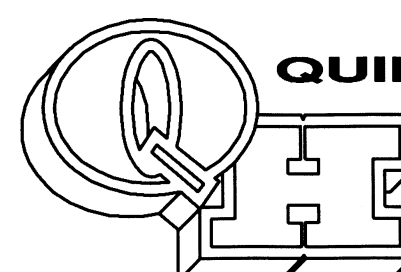
- FLOOD ZONE DESIGNATION: ZONE "C" AREAS OF MINIMAL FLOODING. (NO SHADING.) COMMUNITY-PANEL NUMBER 480334 0400 C MAP REVISED: NOVEMBER 16, 1982
- LEGEND: DENOTES 1/2" IRON ROD SET WITH PLASTIC CAP STAMPED R.P.L.S. 4856, UNLESS OTHERWISE NOTED.
- SETBACKS:  
FRONT: .....50.00'  
REAR: .....15.00'  
SIDE: .....6.00'  
OR EASEMENT, WHICHEVER IS GREATER
- GENERAL NOTE FOR SINGLE FAMILY RESIDENCES: NO MORE THAN ONE SINGLE-FAMILY DETACHED DWELLING SHALL BE LOCATED ON LOT AND COMMERCIAL USE WILL BE ALLOWED
- MINIMUM FINISH FLOOR NOTE:  
MINIMUM FINISH FLOOR ELEVATION SHALL BE 18" ABOVE TOP OF CENTERLINE OF STREET OR 18" ABOVE NATURAL GROUND, WHICHEVER IS GREATER. ELEVATION CERTIFICATE MAY BE REQUIRED FOR LOTS LOCATED OUTSIDE A DESIGNATED FLOOD ZONE AT THE TIME FOR APPLICATION FOR CONSTRUCTION TO VERIFY PRE AND POST CONSTRUCTION FINISH FLOOR ELEVATIONS. AN ELEVATION CERTIFICATE SHALL BE REQUIRED FOR ALL LOTS WITHIN A DESIGNATED FLOOD ZONE AT THE TIME FOR A DEVELOPMENT PERMIT APPLICATION.
- BENCHMARK NOTE: THE FOLLOWING BENCHMARKS ARE IDENTIFIED ON THE FACE OF THE PLAT AND ON THE ATTACHED ENGINEERING PLANS.  
B.M. NO. 1 - ELEV 163.16 C.P.S. IN POWER POLE ON THE EAST SIDE OF BENSTEN PALM DRIVE.
- DRAINAGE: IN ACCORDANCE WITH THE HIDALGO COUNTY DRAINAGE DISTRICT NO. 1 AND HIDALGO COUNTY REQUIREMENTS, THIS DEVELOPMENT WILL BE REQUIRED TO DETAIN A TOTAL OF 2,700.50 CUBIC FEET 0.10 ACRE FEET OF STORM WATER RUNOFF. DRAINAGE RETENTION IN ACCORDANCE WITH THE LOCAL REQUIREMENTS WILL BE ACCOMPLISHED AS FOLLOWS: (SEE SHEET NO. 3 FOR STORM SEWER IMPROVEMENTS).
- NO STRUCTURE SHALL BE PERMITTED OVER ANY EASEMENT. EASEMENTS SHALL BE KEPT CLEAR OF FENCES, BUILDINGS, SHEDS, SHRUBS, TREES, AND OTHER PLANTINGS (EXCEPT LOW, LESS THAN 18 INCHES MATURE HEIGHT, GROUND COVER, GRASS OR FLOWERS) AND OTHER OBSTRUCTIONS THAT WOULD INTERFERE WITH THE OPERATIONS AND MAINTENANCE OF THE EASEMENT.
- EACH PURCHASED CONTRACT MADE BETWEEN A SUBDIVIDER AND PURCHASER OF A LOT IN THIS SUBDIVISION SHALL CONTAIN A STATEMENT DESCRIBING HOW AND WHEN WATER, SEWER, ELECTRICITY, AND GAS SERVICES WILL BE MADE AVAILABLE TO THE SUBDIVISION.
- ON-SITE SEWAGE FACILITIES (OSSF) NOTE: THIS SUBDIVISION SHALL USE ON-SITE SEWAGE FACILITIES IN ACCORDANCE WITH TCEQ AND HIDALGO COUNTY REGULATIONS FOR SEWAGE DISPOSAL. THE SUBDIVIDER IS RESPONSIBLE FOR PROVIDING AN OSSF ON ALL LOTS.  
A. OSSF SYSTEM IS BEING DESIGNED FOR DISPOSAL OF DOMESTIC SEWAGE ONLY. SEPARATE DESIGN SHALL BE SUBMITTED FOR COMMERCIAL USE AND MULTI-FAMILY USE.  
B. EACH LOT ON THIS PLAT COMPLETES WITH THE MINIMUM 21,780 SQUARE FEET LOT AREA WITH POTABLE WATER SUPPLY.  
C. OSSF SYSTEM SHALL REQUIRE INSPECTION AND APPROVAL BY HIDALGO COUNTY AUTHORIZED DEPARTMENT  
D. SOIL ANALYSIS HAVE BEEN SUBMITTED TO THE AUTHORIZED HIDALGO COUNTY DEPARTMENT AND EXCERPTS MAY BE ALSO SEEN ON THE UTILITY LAYOUT FOR THIS SUBDIVISION AS SUBMITTED TO THE HIDALGO COUNTY PLANNING DEPARTMENT. THE ENGINEER HAS DETERMINED THAT THE SOIL IS SUITABLE FOR A STANDARD SEPTIC TANK AND ABSORPTIVE DRAINFIELD SYSTEM.  
E. APPROVED "OSSF" PERMIT APPLICATION IS REQUIRED INCLUDING INDIVIDUAL LOT PLANNING MATERIALS PRIOR TO OCCUPYING A LOT.

### LOCATION OF SUBDIVISION WITH RESPECT TO THE EXTRATERRITORIAL JURISDICTION OF A MUNICIPALITY:

JECCA SUBDIVISION IS LOCATED IN MIDDLE HIDALGO COUNTY AT 3900.00 FEET WEST OF THE INTERSECTION OF BENTSEN PALM DRIVE AND MILE 3 NORTH ROAD THE ONLY NEARBY MUNICIPALITY IS THE CITY OF MISSION. ACCORDING TO THE OFFICIAL MAP IN THE OFFICE OF THE SECRETARY OF THE CITY OF MISSION (POPULATION 63,272), JECCA SUBDIVISION LIES APPROXIMATELY 1.14 MILES FROM THE CITY LIMITS AND IT IS WITHIN THE CITY'S TWO-MILE EXTRA-TERRITORIAL JURISDICTION (ETJ) UNDER LOCAL GOVERNMENT CODE § 42.021. IT LIES IN PCT. 3.

### PRINCIPAL CONTACTS:

Name	Address	City & Zip	Phone	Fax
OWNER: BY: GORGONIO MORENO AND MARIA S. MORENO	5309 RANCH ROAD	MISSION, TX 78574		
ENGINEER: EULALIO RAMIREZ	124 E. STUBBS	EDINBURG, TX 78539	(956)381-6480	(956)381-0527
SURVEYOR: EULALIO RAMIREZ	124 E. STUBBS	EDINBURG, TX 78539	(956)381-6480	(956)381-0527



QUINTANILLA, HEADLEY AND ASSOCIATES, INC.

CONSULTING ENGINEERS  
124 E. STUBBS ST.  
EDINBURG, TEXAS 78539  
ENGINEERING REGISTRATION NUMBER F-1513  
SURVEYING REGISTRATION NUMBER 100411-00

LAND SURVEYORS  
PHONE 956-381-6480  
FAX 956-381-0527  
OFFICE@QHAENGINEERING.COM

F:\DATA\SUBMISSION\JECCA SUBDIVISION\PLAT			
DATE PREPARED	PREPARED BY	CHECKED BY	APPROVED BY
7-21-15	LUIS OZES		
DATE REVISED	REVISED BY	CHECKED BY	APPROVED BY

# JECCA SUBDIVISION

A 2.01 ACRE TRACT OF LAND OUT OF THE NORTH 5.0 ACRES OF LOT 118, BENTSEN GROVES SUBDIVISION, HIDALGO COUNTY, TEXAS, ACCORDING TO THE MAP OR PLAT THEREOF RECORDED IN VOLUME 7, PAGE 13, MAP RECORDS, HIDALGO COUNTY, TEXAS, AND ACCORDING TO WARRANTY DEED WITH VENDOR'S LIEN RECORDED UNDER COUNTY CLERK'S DOCUMENT NUMBER 1539134, OFFICIAL RECORDS, HIDALGO COUNTY, TEXAS.

DRAINAGE REPORT  
FOR  
JECCA SUBDIVISION

Jecca Subdivision is a 2.01 acre tract of land out of the north 5.0 acres of Lot 118, Bentsen Groves Subdivision, Hidalgo County, Texas, according to the map or plat thereof recorded in Volume 7, Page 13, map records, Hidalgo County, Texas, and according to warranty deed with vendor's lien recorded under county Clerk's Document number 1539134, official records, Hidalgo County, Texas. This subdivision is located on the west side of Bentsen Palm Drive approximately 3,900 feet south of Mile 3 North Road. This subdivision is located within the extra-territorial jurisdiction of the City of Mission. The site is agriculture. The proposed subdivision will consist of one residential lot.

The tract is Zone "C" as per FEMA Flood Insurance Rate Map, Community Panel No. 480334 0400C, dated November 16, 1982.

The majority of the soil is sandy clay loam, and clay loam. This soil is well drained. Permeability is moderate. Plasticity Index has a range of NP-23. See attached Soil Survey of Hidalgo County, Texas tables.

Presently, the site has very minimal runoff. The existing runoff for the proposed subdivision is Q= 1.50 cubic feet per second based on a 10-year storm.

After development the runoff will be Q= 4.47 cubic feet per second for an increase of Q= 2.97 cubic feet per second. Detention will be 2,700.50 cubic feet (0.10 acre feet) in accordance with the County's drainage requirements and will be obtained within the large green areas located on the property.

The drainage calculations are attached.

**CERTIFICATION:**

BY MY SIGNATURE BELOW, I CERTIFY THAT THE 100-YEAR FLOODPLAIN FOR ZONE "C" [AREAS DETERMINED TO BE OUTSIDE THE 500-YEAR FLOOD PLAIN] AS DESCRIBED IN COMMUNITY PANEL NUMBER 480334 0400 C (NOVEMBER 16, 1982) IS CONTAINED WITHIN THE RIGHT-OF-WAY OF STREET AND WITHIN THE DRAINAGE OF THE SUBDIVISION, AS SHOWN BELOW.



*Eulalio Ramirez*  
EULALIO RAMIREZ  
P.E. 77062

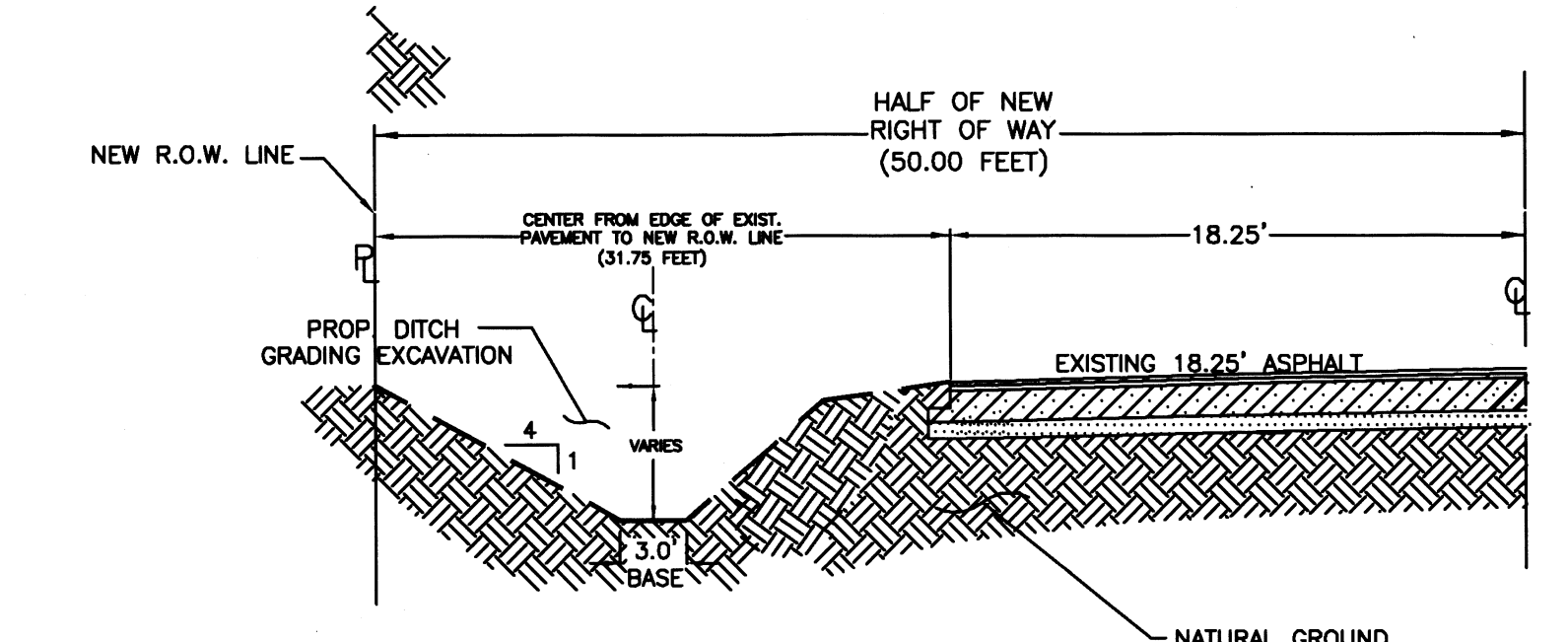
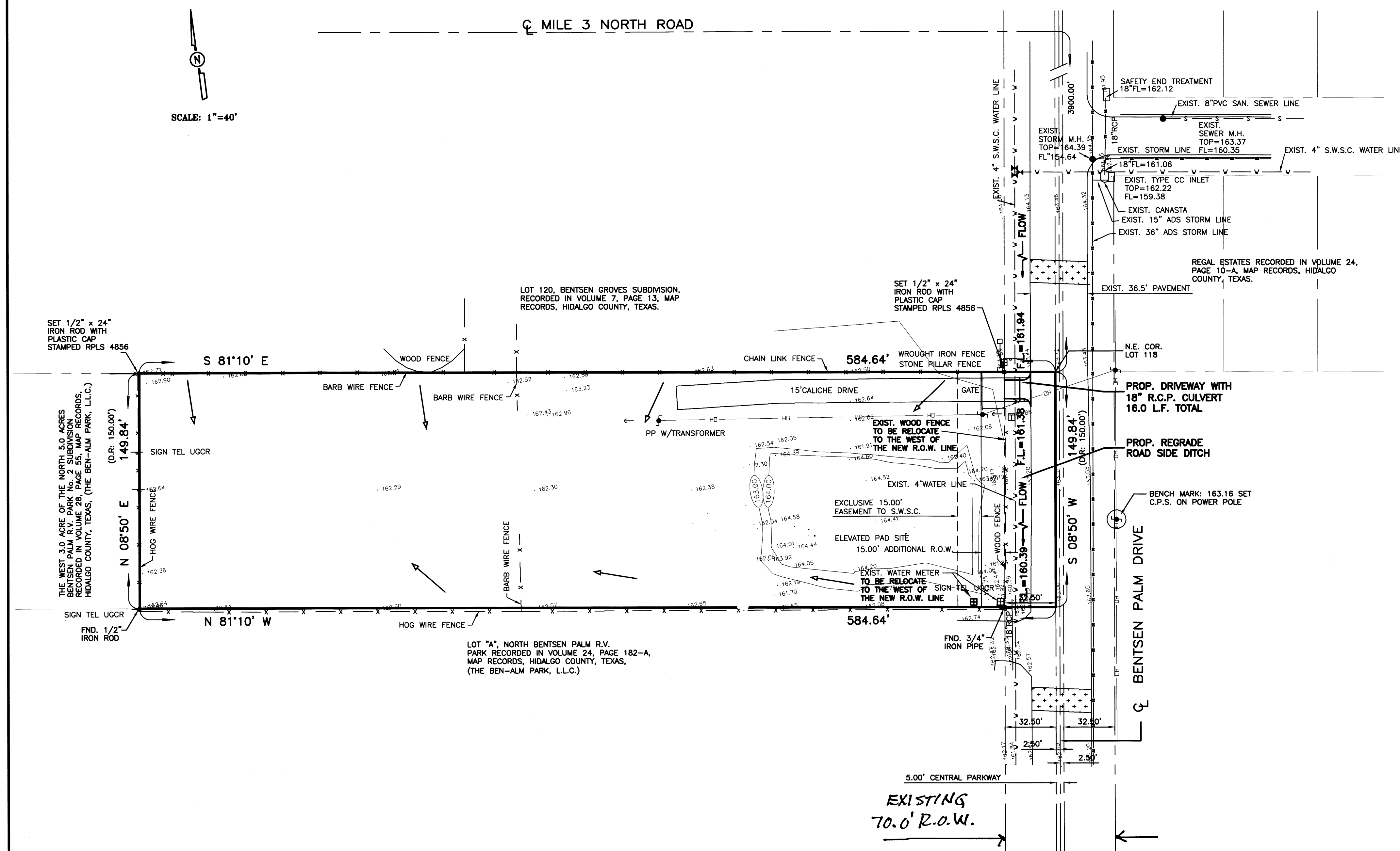
9-29-15  
DATE



FILED FOR RECORD IN  
HIDALGO COUNTY  
ARTURO GUAJARDO, JR.  
HIDALGO COUNTY CLERK

ON: \_\_\_\_\_ AT \_\_\_\_\_ AM/PM  
INSTRUMENT NUMBER \_\_\_\_\_  
OF THE MAP RECORDS OF HIDALGO COUNTY, TEXAS

BY: \_\_\_\_\_ DEPUTY

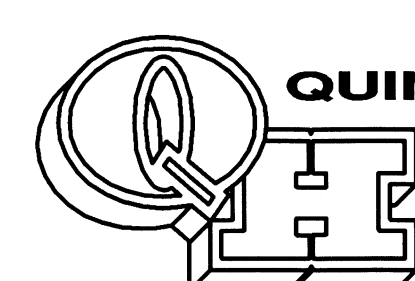


**RECONSTRUCTION OF ROAD SIDE DITCH**

NOT TO SCALE

**REVISION NOTES**

No.	Sheet	REVISION	Date	Approved



**QUINTANILLA, HEADLEY AND ASSOCIATES, INC.**

CONSULTING ENGINEERS • LAND SURVEYORS  
124 E. STUBBS ST. PHONE 956-381-6480  
EDINBURG, TEXAS 78539 FAX 956-381-0527  
REGISTRATION NUMBER F-1513 OFFICE@QHAENGINEERING.COM  
SURVEYING REGISTRATION NUMBER 100411-00

SHEET NO. 3 OF 3 SHEETS	FILENAME: F:\DATA\SUBMISSION\JECCA SUB\PLATS			
	DATE PREPARED	PREPARED BY	CHECKED BY	APPROVED BY
	08-28-15	ELUIS CRES		
	DATE REVISED	REVISED BY	CHECKED BY	APPROVED BY