



HIDALGO COUNTY PLANNING DEPARTMENT

T.J. Arredondo, CFM
Director of Planning

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

HIDALGO COUNTY COMMISSIONERS COURT MEETING

DATE: 3-26-2019

PROPOSED MESQUITE CROSSING SUBDIVISION, PRECINCT No. 1

ENGINEER: NAIN ENGINEERING DEVELOPER: DANIEL ALANIZ

PRELIMINARY APPROVAL FINAL APPROVAL FINAL APPROVAL WITH FINANCIAL GUARANTEE WITH VARIANCE

NUMBER OF LOTS: 5 *SINGLE FAMILY *MULTI-FAMILY COMMERCIAL INSTITUTIONAL

LOCATION DESCRIPTION: WEST OF F.M. 88 APPROXIMATELY 924 FEET SOUTH OF MILE 14 NORTH ROAD.

SUBDIVISION LIES WITHIN THE: THE RURAL AREA OF THE COUNTY

DRAINAGE REPORT WAS APPROVED BY HCDD#1: ON 9-7-2018 PROPERTY LIES WITHIN FLOOD ZONE: "X" AS PER FEMA.

DRAINAGE DESIGN: DRAINAGE WILL BE PROVIDED BY NATURAL PERCULATION AND SURFACE RUNOFF ALONG THE FRONT AREA OF THE LOTS DISCHARGING INTO EXISTING TxDOT SYSTEM.

ROAD R.O.W. DEDICATION: 10.00 FEET ONTO F.M. 88.

H.C.R.O.W. FINAL APPROVAL DATE: 2-26-2019 BY, DANNY GUZMAN, PCT. 1 R.O.W. AGENT

H.C.H.D. FINAL APPROVAL DATE: 2-27-2019 BY, ENVIRONMENTAL HEALTH DIVISION

SEWER SYSTEM: OSSF's (5) HAVE BEEN ESCROWED.

WATER SERVICE PROVIDER: NAWSC LINE SIZE: 6" LOCATION: F.M. 88.

H.C.E.O.C. FINAL APPROVAL DATE: 9-6-2018 : 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: \$7,500.00 For: OSSF's 5 SINGLE FAMILY.**

Cash Deposit: Amount: \$1,200.00 For: 2 SHARED DRIVEWAYS.

PRELIMINARY APPROVAL FROM THE
HIDALGO COUNTY COMMISSIONERS COURT ON: OCTOBER 23, 2018

STAFF RECOMMENDS: **Preliminary Approval** subject comments and future recommendations by planning and 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.

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MESQUITE CROSSING SUBDIVISION

THE SOUTH 10.00 ACRES OUT OF FARM TRACT 360, WEST AND ADAMS TRACT SUBDIVISION, ACCORDING TO MAP RECORDED IN VOLUME 2, PAGES 34-37, MAP RECORDS, HIDALGO COUNTY, TEXAS.

METES AND BOUNDS
 BEING 10.00 ACRES OF LAND SITUATED IN HIDALGO COUNTY, TEXAS AND BEING THE SOUTH 10.00 ACRES OUT OF FARM TRACT 360, WEST AND ADAMS TRACTS AS PER MAP RECORDED IN VOLUME 2, PAGES 34-37, MAP RECORDS AND SAID 10.00 ACRE TRACT BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING AT A POINT ON THE EAST LINE OF SAID FARM TRACT 360 AND THE CENTERLINE OF FM 88, FOR THE NORTHEAST CORNER OF SAID TRACT HEREIN DESCRIBED; SAID POINT BEARS SOUTH 824.05 FEET FROM A COTTON PICKER SPINDLE FOUND FOR THE NORTHEAST CORNER OF SAID FARM TRACT 360:

THENCE: SOUTH 895.95 FEET WITH THE EAST LINE OF FARM TRACT 360, AND THE CENTERLINE OF SAID FM 88, TO A POINT FOR THE SOUTHWEST CORNER OF FARM TRACT 360 AND THE POINT FOR THE SOUTHWEST CORNER OF SAID TRACT HEREIN DESCRIBED;

THENCE: WEST, WITH THE SOUTH LINE OF SAID FARM TRACT 360 AND THE NORTH LINE OF FARM TRACT 359, PASS AT 50.00 FEET A 1/2 INCH IRON ROD WITH A PLASTIC CAP STAMPED "RBA" SET FOR REFERENCE ON THE WEST R.O.W. LINE OF FM 88 AND CONTINUING FOR A TOTAL DISTANCE OF 447.00 FEET TO A 1/2 INCH IRON ROD WITH A PLASTIC CAP STAMPED "RBA" SET FOR REFERENCE ON THE WEST R.O.W. LINE OF SAID FARM TRACT 360 AND THE SOUTHWEST CORNER OF SAID TRACT HEREIN DESCRIBED;

THENCE: NORTH 27°11' WEST, 782.36 FEET WITH THE WEST LINE OF SAID FARM TRACT 360 AND THE EAST LINE OF FARM TRACT 357 TO A 1/2 INCH IRON ROD WITH A PLASTIC CAP STAMPED "RBA" FOUND FOR THE SOUTHWEST CORNER OF JARDIN DE LA FLOR SUBDIVISION, AS PER MAP RECORDED IN INSTRUMENT NUMBER 1837246, HIDALGO COUNTY MAP RECORDS AND FOR THE NORTHEAST CORNER OF SAID TRACT HEREIN DESCRIBED;

THENCE: EAST, WITH THE SOUTH LINE OF EL JARDIN DE LA FLOR SUBDIVISION, AS PER MAP RECORDED IN INSTRUMENT NUMBER 2658317, HIDALGO COUNTY, MAP RECORDS, PASSING AT 571.41 FEET A 1/2 INCH IRON ROD FOUND FOR THE SOUTHWEST CORNER OF SAID JARDIN DE LA FLOR SUBDIVISION AND FOR THE SOUTHWEST CORNER OF A 1.52 ACRE TRACT AS DESCRIBED IN DOCUMENT NUMBER 1837246 OF THE HIDALGO COUNTY OFFICIAL RECORDS, AND CONTINUING WITH THE SOUTH LINE OF SAID 1.52 ACRE TRACT, PASS AT 754.41 FEET A 1/2 INCH IRON ROD WITH A PLASTIC CAP STAMPED "RBA" SET FOR REFERENCE ON THE WEST R.O.W. LINE OF SAID FM 88 AND CONTINUING FOR A TOTAL DISTANCE OF 804.41 FEET TO THE POINT OF BEGINNING AND CONTAINING 10.00 ACRES OF LAND MORE OR LESS.

RIGHT OF WAY EASEMENT
 KNOW ALL MEN BY THESE PRESENTS, THAT THE UNDERSIGNED, OWNERS OF THE PROPERTY SHOWN ON THIS PLAT, THEIR SUCCESSORS, ASSIGNS, AND TRANSFERREES (HEREINAFTER CALLED "GRANTOR" WHETHER ONE OR MORE PERSONS ARE NAMED), IN CONSIDERATION OF ONE DOLLAR (\$1.00) AND OTHER GOOD AND VALUABLE CONSIDERATION PAID BY NORTH ALAMO WATER SUPPLY CORPORATION, (HEREINAFTER CALLED "GRANTEE") THE RECEIPT AND SUFFICIENCY OF WHICH IS HEREBY ACKNOWLEDGED, DOES HEREBY GRANT, BARGAIN, SELL, TRANSFER, AND CONVEY TO SAID GRANTEE, ITS SUCCESSORS, AND ASSIGNS, AN PERPETUAL EASEMENT WITH THE RIGHT TO ERECT, CONSTRUCT, INSTALL AND THEREAFTER USE, OPERATE, INSPECT, REPAIR, MAINTAIN, REPLACE, AND REMOVE WATER DISTRIBUTION LINES, AND APPURTENANCES OVER AND ACROSS THE LANDS SHOWN ON THIS PLAT, TOGETHER WITH THE RIGHT OF INGRESS AND EGRESS OVER GRANTOR'S ADJACENT LANDS OF THE PURPOSE FOR WHICH THE ABOVE MENTIONED RIGHTS ARE GRANTED, THE EASEMENT HEREBY GRANTED SHALL NOT EXCEED 15' IN WIDTH, AND GRANTEE IS HEREBY AUTHORIZED TO DESIGNATE THE COURSE OF THE EASEMENT HEREIN CONVEYED (AND THAT WHEN THE PIPELINE(S) IS/ARE INSTALLED, THE EASEMENT HEREIN GRANTED SHALL BE LIMITED TO A STRIP OF LAND 15' IN WIDTH, THE CENTER LINE THEREOF BEING THE PIPELINE AS RELOCATED, IN THE EVENT THE EASEMENT HEREBY GRANTED BEGINS ON A PUBLIC ROAD AND THE CITY, COUNTY OR STATE HEREAFTER WIDENS OR RELOCATES THE PUBLIC ROAD SO AS TO REQUIRE THE RELOCATION OF THIS WATERLINE AS INSTALLED, GRANTEE SHALL CONSTITUTE AN EASEMENT OVER AND ACROSS THE LAND SHOWN ON THIS PLAT FOR THE PURPOSE OF LATERALLY RELOCATE SAID WATER LINE AS MAY BE NECESSARY TO CLEAR THE ROAD IMPROVEMENTS, WHICH EASEMENT HEREBY GRANTED SHALL BE LIMITED TO A STRIP OF LAND 15' IN WIDTH, THE CENTER LINE THEREOF BEING THE PIPELINE AS RELOCATED, THE CONSIDERATION RECITED HEREIN SHALL CONSTITUTE PAYMENT IN FULL FOR ALL DAMAGES SUSTAINED BY GRANTEE BY REASON OF THE INSTALLATION, MAINTENANCE, REPAIR, REPLACEMENT AND RELOCATION OF THE STRUCTURES REFERRED TO HEREIN, THIS AGREEMENT TOGETHER WITH OTHER PROVISIONS OF THIS GRANT SHALL CONSTITUTE AN EASEMENT FOR WHICH FINANCIAL ASSISTANCE WAS OBTAINED OR IMPROVED THROUGH FEDERAL FINANCIAL ASSISTANCE, THIS EASEMENT IS SUBJECT TO THE PROVISIONS OF TITLE VI OF THE CIVIL RIGHTS ACT OF 1964 AND THE REGULATIONS ISSUED PURSUANT THERETO FOR SO LONG AS THE EASEMENT CONTINUES TO BE USED FOR THE SAME OR SIMILAR PURPOSE FOR WHICH FINANCIAL ASSISTANCE WAS EXTENDED OR FOR SO LONG AS THE GRANTEE OWNS IT, WHICHEVER IS LONGER.

IN WITNESS WHEREOF OF THE SAID GRANTEE EXECUTED THIS INSTRUMENT THIS 27th DAY OF November, 2018

OWNER: DANIEL ALANIZ
 ADDRESS: 235 W HWY 281, WESLACO, TEXAS 78596

OWNER: AUDRIA K. ALANIZ
 ADDRESS: 235 W HWY 281, WESLACO, TEXAS 78596

HIDALGO COUNTY CERTIFICATE OF PLAT APPROVAL UNDER LOCAL GOVERNMENT CODE § 232.028(A)

WE THE UNDERSIGNED CERTIFY THAT THIS PLAT OF THE MESQUITE CROSSING SUBDIVISION WAS REVIEWED AND APPROVED BY THE HIDALGO COUNTY COMMISSIONERS COURT ON _____, 20____.

HIDALGO COUNTY JUDGE _____ DATE _____

ATTEST: _____ DATE _____
 HIDALGO COUNTY CLERK _____

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
 DATE OF PREPARATION: AUGUST 4, 2018

NAIN ENGINEERING, L.L.C.
 CONSULTING ENGINEER

526 N. 5TH STREET FIRM NO. F-9050 PH. (956) 784-0218
 DONNA, TEXAS 78537 E-MAIL: NAINENGINEERING@YAHOO.COM

STATE OF TEXAS
 COUNTY OF HIDALGO

OWNER'S DEDICATION, CERTIFICATION, AND ATTESTATION
 WE, DANIEL AND AUDRIA K. ALANIZ OWNERS OF THE 10.00 ACRES TRACT OF LAND ENCOMPASSED WITHIN THE PROPOSED "MESQUITE CROSSING SUBDIVISION" HEREBY SUBDIVIDE THE LAND AS DEPICTED IN THIS SUBDIVISION PLAT AND DEDICATE TO PUBLIC USE THE STREETS, PARK AND EASEMENTS SHOWN HEREIN.
 WE CERTIFY THAT WE HAVE COMPLIED WITH THE REQUIREMENTS OF TEXAS LOCAL GOVERNMENT CODE § 232.032 AND THAT:

(A) THE WATER QUALITY AND CONNECTION TO THE LOTS MEET, OR WILL MEET, THE MINIMUM STATE STANDARDS;
 (B) SEWER CONNECTION TO THE LOTS OR SEPTIC TANKS MEET, OR WILL MEET, THE MINIMUM REQUIREMENTS OF STATE STANDARDS;
 (C) ELECTRICAL CONNECTION PROVIDED TO THE LOTS MEET, OR WILL MEET, MINIMUM STATE STANDARDS; AND
 (D) GAS CONNECTION, IF AVAILABLE, PROVIDED TO THE LOTS MEET, OR WILL MEET, THE MINIMUM STATE STANDARDS.

WE ATTEST THAT THE MATTERS ASSERTED IN THIS PLAT IS TRUE AND COMPLETE.

OWNER: DANIEL ALANIZ
 ADDRESS: 235 W HWY 281, WESLACO, TEXAS 78596

OWNER: AUDRIA K. ALANIZ
 ADDRESS: 235 W HWY 281, WESLACO, TEXAS 78596

STATE OF TEXAS
 COUNTY OF HIDALGO

BEFORE ME, THE UNDERSIGNED NOTARY PUBLIC, ON THIS DAY PERSONALLY APPEARED DANIEL AND AUDRIA K. ALANIZ PROVED TO BE THROUGH THEIR TEXAS DEPARTMENT OF PUBLIC SAFETY DRIVER LICENSE TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT, WHO, BEING BY ME DULY SWORN, DECLARED THAT THEIR STATEMENTS THEREIN ARE TRUE AND CORRECT AND ACKNOWLEDGED THAT THEY EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATION THEREBY EXPRESSED.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS 27th DAY OF November, 2018

LEONOR ARRATIA
 Notary Public in and for the State of Texas
 My Commission Expires December 15, 2018

Leonor Arratia
 NOTARY PUBLIC, FOR THE STATE OF TEXAS

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 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
 RAIL E. SESN, P.E., C.E.M.
 GENERAL MANAGER

DATE: 01/11/19

THIS PLAT IS HERE BY APPROVED BY THE HIDALGO & CAMERON COUNTY IRRIGATION DISTRICT NO. 9 DATED THIS 1st DAY OF March, 2018

1. NO IMPROVEMENTS OF ANY KIND SHALL BE PLACED UPON HCCD NO. 9 RIGHTS-OF-WAY AND/OR EASEMENTS WITHOUT THE EXPRESSED WRITTEN PERMISSION OF H.C.C.I.D. NO. 9

2. IT IS UNDERSTOOD THAT THE RATE OF FLOW OF STORM WATER FOR THE DEVELOPMENT WILL BE NO GREATER THAN THE FLOW OF STORM WATER WHEN THE LAND WAS IN AGRICULTURAL USE.

3. HCCD NO. 9 WILL NOT BE RESPONSIBLE FOR STORM/DRAINAGE WATER SYSTEM TO ANY LOT WITH IN THIS SUBDIVISION, AS WILL HCCD NO. 9 WILL NOT BE RESPONSIBLE FOR THE DELIVERY OF WATER TO ANY LOT WITH IN THIS SUBDIVISION, IF DESIRED, THIS WILL NOT BE AT THE DISTRICT EXPENSE.

4. HCCD NO. 9 HAS NOT REVIEWED AND DOES NOT CERTIFY THAT THE STORM SEWER OR UTILITIES SYSTEMS DESCRIBED ARE APPROPRIATE FOR THE PARTICULAR SUBDIVISION, BASED ON GENERALLY ACCEPTED ENGINEERING CRITERIA THE DEVELOPER AND HIS ENGINEER ARE RESPONSIBLE FOR THEIR DETERMINATIONS.

HIDALGO COUNTY IRRIGATION DISTRICT NO. 9
 COUNTY OF HIDALGO
 CERTIFICATE OF PLAT APPROVAL
 I THE UNDERSIGNED CERTIFY THAT THIS PLAT OF MESQUITE CROSSING SUBDIVISION WAS REVIEWED AND APPROVED BY THE HIDALGO COUNTY HEALTH DEPARTMENT ON _____, _____

HIDALGO COUNTY ENVIRONMENTAL HEALTH DIVISION MANAGER _____ DATE _____

STATE OF TEXAS
 COUNTY OF HIDALGO

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

REYNALDO ROBLES
 REG. PROFESSIONAL LAND SURVEYOR # 4032
 P.O. BOX 478
 107 W. HUSACHE ST.
 WESLACO, TEXAS 78596
 PH. 956-968-2422

STATE OF TEXAS
 COUNTY OF HIDALGO

I, THE UNDERSIGNED, GUILLERMO A. ARRATIA, A LICENSED PROFESSIONAL ENGINEER, IN THE STATE OF TEXAS, DO HEREBY CERTIFY THAT THE PROPER ENGINEERING CONSIDERATION HAS BEEN GIVEN TO THIS PLAT.

GUILLERMO A. ARRATIA
 LICENSED PROFESSIONAL ENGINEER No. 94001
 526 N. 5TH ST.
 DONNA, TEXAS 78537

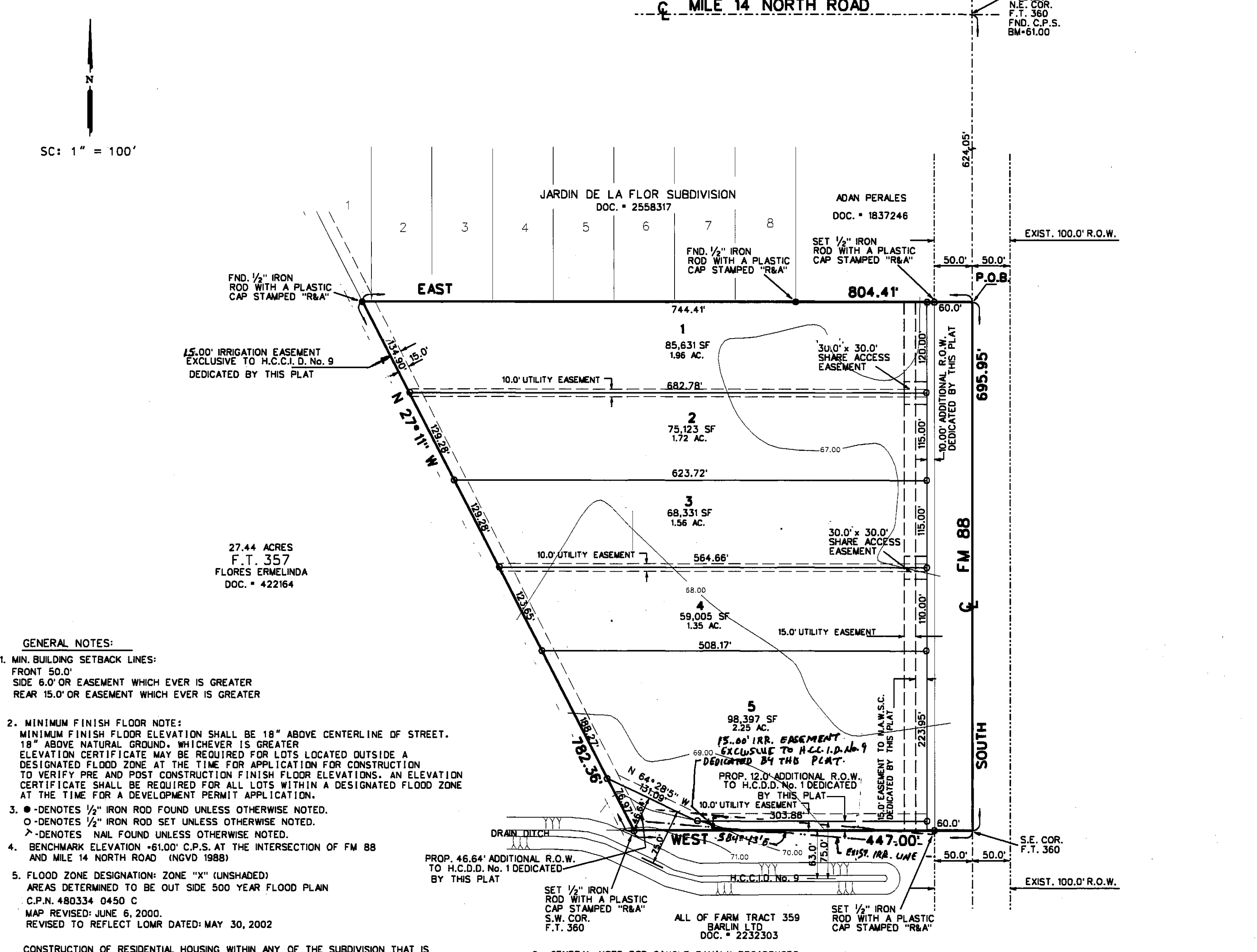
STATE OF TEXAS
 COUNTY OF HIDALGO

I, THE UNDERSIGNED, GUILLERMO A. ARRATIA, A LICENSED PROFESSIONAL ENGINEER, IN THE STATE OF TEXAS, DO HEREBY CERTIFY THAT THE PROPER ENGINEERING CONSIDERATION HAS BEEN GIVEN TO THIS PLAT.

SHEET 1 OF 2

INDEX TO SHEET OF MESQUITE CROSSING SUBDIVISION

SHEET	DESCRIPTION
1	HEADING; INDEX; LOCATION MAP AND ETC.; PRINCIPAL CONTACTS; PLAT WITH LOTS, STREETS, AND EASEMENT DESIGNATIONS; LEGAL DESCRIPTION (METES AND BOUNDS); SURVEYOR'S AND ENGINEER'S CERTIFICATION; PLAT NOTES AND RESTRICTIONS; OWNER'S DEDICATION, CERTIFICATION, AND ATTESTATION; COUNTY APPROVAL CERTIFICATE; COUNTY CLERK'S RECORDING CERTIFICATE; HIDALGO COUNTY CERTIFICATE OF PLAT APPROVAL; DESCRIPTION OF LOCATION OF SUBDIVISION WITH RESPECT TO THE ETC. OF A MUNICIPALITY AND DESIGNATE THE PRECINCT THE PROJECT IS SITUATED; H.C.C.D. CERTIFICATION; C.C.I.D. NO. 9 CERTIFICATE
2	OF APPROVAL; REVISION NOTES; H.C.C.D. FACILITY, ENGINEERING REPORT (ENGLISH AND SPANISH VERSION); INCLUDING DESCRIPTION OF WATER AND WASTE WATER AND ENGINEER'S CERTIFICATION (ENGLISH AND SPANISH VERSION); TYPICAL WATER SERVICE CONNECTION; OWNER'S DEDICATION, CERTIFICATION, AND ATTESTATION; DRAINAGE REPORT INCLUDING DESCRIPTION OF DRAINAGE AND HOW IT WILL SERVE THIS DEVELOPMENT; MAP OF TOPOGRAPHY AND DRAINAGE; AND ENGINEER'S CERTIFICATION; REVISION NOTES; CONSTRUCTION DETAILS



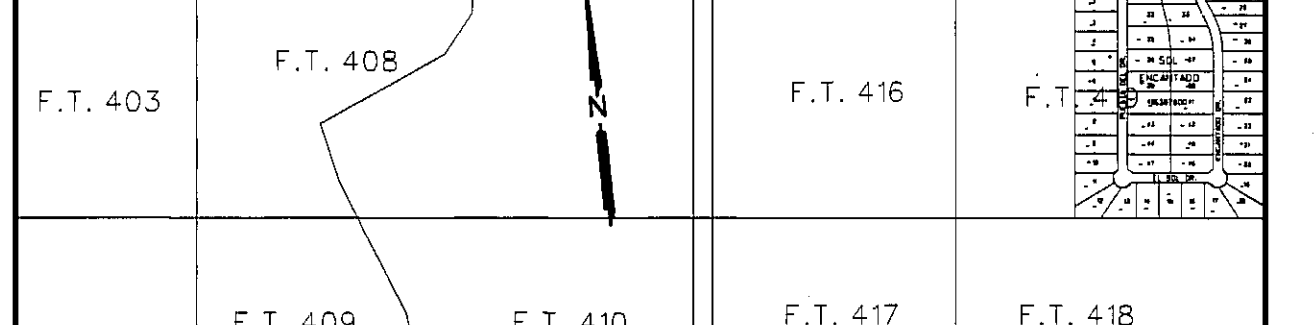
GENERAL NOTES:

- MIN. BUILDING SETBACK LINES:
 FRONT 50.0'
 SIDE 6.0' OR EASEMENT WHICH EVER IS GREATER
 REAR 15.0' OR EASEMENT WHICH EVER IS GREATER
- MINIMUM FINISH FLOOR NOTE:
 MINIMUM FINISH FLOOR ELEVATION SHALL BE 18" ABOVE CENTERLINE OF STREET, 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.
- Ø-DENOTES 1/2" IRON ROD FOUND UNLESS OTHERWISE NOTED.
 ○-DENOTES 1/2" IRON ROD SET UNLESS OTHERWISE NOTED.
 ▽-DENOTES NAIL FOUND UNLESS OTHERWISE NOTED.
- BENCHMARK ELEVATION +61.00' C.P.S. AT THE INTERSECTION OF FM 88 AND MILE 14 NORTH ROAD (INGVD 1988)
- FLOOD ZONE DESIGNATION: ZONE "X" (UNSHADED)
 AREAS DETERMINED TO BE OUT SIDE 500 YEAR FLOOD PLAN
 C.P.N. 480334 0450 C
 MAP REVISED: JUNE 6, 2000.
 REVISED TO REFLECT LOMR DATED: MAY 30, 2002

CONSTRUCTION OF RESIDENTIAL HOUSING WITHIN ANY OF THE SUBDIVISION THAT IS IN THE 100-YEAR FLOOD PLAN IS PROHIBITED UNLESS THE HOUSING QUALIFIES FOR INSURANCE UNDER THE NATIONAL FLOOD INSURANCE ACT OF 1968 (42 U.S.C. SECTIONS 4001 THROUGH 4127).

6. 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 18,345 CUBIC FEET 0.33 ACRE-FEET OF STORM WATER RUNOFF. DRAINAGE DETENTION IN ACCORDANCE WITH THE LOCAL REQUIREMENTS WILL BE ACCOMPLISHED AS FOLLOWS: THE DRAINAGE FOR THIS DEVELOPMENT WILL BE SELF-CONTAINED WITH DETENTION AREA ON THE WEST SIDE OF THIS LOT

THE DEVELOPER SHALL BE RESPONSIBLE FOR DETAINING AND ACCOMMODATING MORE THAN THE DETAINED VOLUME SHOWN ON THIS PLAT IF IT IS DETERMINED, AT THE PERMIT STAGE, THAT THE DETENTION REQUIREMENTS ARE GREATER THAN STATED ON THIS PLAT, DUE TO THE IMPROVEMENTS BEING GREATER THAN THE PLAT ENGINEER CONSIDERED IN THE HYDRAULIC CALCULATIONS FOR THIS SUBDIVISION



LOCATION OF SUBDIVISION WITH RESPECT TO THE EXTRATERRITORIAL JURISDICTION OF A MUNICIPALITY:
 MESQUITE CROSSING SUBDIVISION IS LOCATED WITHIN HIDALGO COUNTY PRECINCT NO. 1 ON THE EAST SIDE OF HIDALGO COUNTY AND ON THE WEST SIDE OF FM 88, APPROXIMATE 924.05 FEET SOUTH OF MILE 14 NORTH ROAD. THE ONLY NEARBY MUNICIPALITY IS THE CITY OF WESLACO (POPULATION 37,791 2015 CENSUS). MESQUITE CROSSING SUBDIVISION LIES APPROXIMATELY 4 MILES FROM THE CITY LIMITS OF WESLACO AND LIES OUTSIDE THE CITY'S 3.5 MILE EXTRATERRITORIAL JURISDICTION (ETJ) UNDER LOCAL GOVERNMENT CODE § 42.021

8. GENERAL NOTE FOR SINGLE FAMILY RESIDENCES:
 NO MORE THAN ONE SINGLE FAMILY DETACHED DWELLING SHALL BE LOCATED ON EACH LOT. (ANY OTHER USE SHALL OBTAIN PLANNING DEPARTMENT OFFICE OF ENVIRONMENTAL COMPLIANCE, HEALTH DEPARTMENT AND FIRE MARSHALL APPROVAL). APPLICATIONS FOR CONSTRUCTION ARE REQUIRED PRIOR TO OCCUPANCY OF THE LOT

9. 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. A SEPARATE DESIGN SHALL BE SUBMITTED FOR COMMERCIAL USE.

B. EACH LOT ON THIS PLAT COMPLIES 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 HAS BEEN SUBMITTED TO THE AUTHORIZED HIDALGO COUNTY DEPARTMENT AND EXCEPTS 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 OCCUPANCY OF A LOT.

F. A SPECIAL DESIGN IS REQUIRED FOR ALL OSSF SYSTEMS LOCATED WITHIN A DESIGNATED FLOOD ZONE. THE DESIGN SHALL INCLUDE BUT NOT LIMITED TO THE FOLLOWING ITEMS:
 1. ANCHORING OF SEPTIC TANK(S)
 2. BACK FLOW VALVES
 3. SEPTIC TANK COVER SHALL BE ABLE TO SEAL

10. THERE ARE NO WATER WELLS WITHIN 150 FEET FROM THE BOUNDARIES OF THIS SUBDIVISION

11. DANIEL AND AUDRIA K. ALANIZ, THE OWNERS & SUBDIVIDERS OF MESQUITE CROSSING SUBDIVISION RETAINS AN EASEMENT UPON EACH LOT FOR THE PURPOSE OF INSTALLING AN APPROVED OSSF ON THE LOT AS DESCRIBED ON SHEET NO. 2 OF THIS PLAT.

12. 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.

13. ALL PUBLIC UTILITIES EASEMENTS DEDICATED BY THIS PLAT SHALL BE A MINIMUM WIDTH OF 15.00 FEET AS PER THE HIDALGO COUNTY MODEL SUBDIVISION RULES. BY SIGNING THIS PLAT DEVELOPER AND ENGINEER CERTIFY THAT ALL OTHER EASEMENTS SHOWN COMPLY WITH THE SIZE REQUIRED BY EACH UTILITY PROVIDER OCCUPANCY AN EASEMENT.

14. AN OFF-STREET PARKING LOT SITE PLAN & DRAINAGE PLAN APPROVAL BY THE HIDALGO COUNTY PLANNING DEPARTMENT, HEALTH DEPT. AND FIRE MARSHALL SHALL BE REQUIRED FOR COMMERCIAL AND INDUSTRIAL USE AT THE TIME OF APPLICATION FOR CONSTRUCTION PRIOR TO THE ISSUANCE OF A BUILDING AND/OR DEVELOPMENT PERMIT. NO WATER OR LIGHT CLEARANCES SHALL BE ISSUED UNTIL THE SITE PLAN, DRAINAGE PLAN AND OSSF PLAN ARE APPROVED AND PROPOSED IMPROVEMENTS ARE CONSTRUCTED IN ACCORDANCE WITH COUNTY AND STATE STANDARDS.

15. ACCESS EASEMENTS SHALL BE REMAIN FREE AND CLEAR OF ANY OBSTRUCTIONS SO THAT INCOMING AND OUTGOING TRAFFIC MAY TRAVEL FREELY. THE INDIVIDUAL LOT OWNER SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PAVING AND DRAINAGE IMPROVEMENTS WITHIN THE ROAD ACCESS EASEMENTS WITH HIS RESPECTIVE SECTION.

16. NO INDIVIDUAL LOT DRIVEWAY ACCESS WILL BE ALLOWED FROM FM 88 ON TO LOTS 1 THROUGH 5. A 30 FOOT SHARED DRIVEWAY ENTRANCE SHALL BE CONSTRUCTED BY DEVELOPER BETWEEN LOTS 1 AND 3 AND 4 TO PROVIDE INGRESS AND EGRESS FROM FM 88.

17. IF THE PURCHASER(S) OF A LOT REQUIRES A COMMERCIAL LOT & SUBSEQUENTLY DETERMINE THAT A LARGER METER IS REQUIRED, THEN THE LUE WILL NEED TO BE CALCULATED AND APPROPRIATE FEES ON THE UPGRADE MUST BE PAID TO THE CORPORATION PRIOR TO THE INITIATION OF SERVICE ON SUCH LARGER METER(S). THE DEVELOPER WILL NEED TO ADVISE PURCHASERS OF THIS OBLIGATION.

18. T-BOOT DRIVEWAY/ENTRANCE PERMIT IS REQUIRED PRIOR TO THE CONSTRUCTION OF A DRIVEWAY/ENTRANCE ON TO FM 88, AND A SHARE DRIVEWAY FOR LOTS 1 AND 2 AND FOR LOTS 3 AND 4

19. NO FENCE OR BUILDINGS SHALL BE PLACED UPON H.C.C.I.D. NO. 9 EASEMENT FENCE SHALL BE PLACED AT THE EASEMENT LINE.

REVISION NOTES

No.	SHEET	REVISION	DATE	APPROVED

PRINCIPAL CONTACTS:

NAME	ADDRESS	CITY & ZIP	PHONE
OWNER: DANIEL ALANIZ	235 W HWY 281, WESLACO, TEXAS 78596	WESLACO, TEXAS 78596	(956) 532-7763
ENGINEER: GUILLERMO A. ARRATIA, P.E.	526 N. 5TH ST., DONNA, TX 78537	DONNA, TX 78537	(956) 784-0218
SURVEYOR: REYNALDO ROBLES	107 W. HUSACHE ST., WESLACO, TEXAS 78596	WESLACO, TEXAS 78596	956-968-2422

**MAP OF TOPOGRAPHY AND DRAINAGE
MAPA DE TOPOGRAFIA Y DRENAJE**

**MESQUITE CROSSING
SUBDIVISION**

THE SOUTH 10.00 ACRES OUT OF FARM TRACT 360, WEST AND ADAMS TRACT SUBDIVISION, ACCORDING TO MAP RECORDED IN VOLUME 2, PAGES 34-37, MAP RECORDS, HIDALGO COUNTY, TEXAS.

**MAP OF WATER DISTRIBUTION SYSTEM
MAPA DE DISTRIBUCION DE AGUA**

SUBDIVIDER CERTIFICATION:

1.- BY COMPLETING THE IMPROVEMENTS DESCRIBED ON THE PLAN, SUBDIVIDER WILL COMPLY WITH MINIMUM STATE STANDARDS AND THAT (a) WATER QUALITY AND CONNECTIONS INCLUDING WATER METERS TO THE LOT MEET SUCH STANDARDS AND (b) SEWER CONNECTIONS TO THE LOT OR SEPTIC TANK MEET OR WILL MEET SUCH STANDARDS AND WILL BE BY STATE AND COUNTY REGULATIONS.

SUBDIVIDER STATEMENT:

1.- WE, DANIEL AND AUDRIA K. ALANIZ SUBDIVIDERS OF MESQUITE CROSSING SUBDIVISION HEREBY CERTIFY SEWER PERMITS HAVE BEEN PAID AND ARE ON FILE WITH THE HIDALGO COUNTY HEALTH DEPARTMENT THAT ANY ADEQUATE DRINKING WATER SOURCE IS IMMEDIATELY AVAILABLE TO EACH LOT OF THE TYPE, QUALITY & QUANTITY TO ENABLE EACH PERSON PURCHASING A LOT HAVE ADEQUATE WATER TO COMPLY WITH THE REGULATIONS AND THE LAWS TO THE STATE AS REQUIRED BY STATE AND COUNTY REGULATIONS.

OWNER: DANIEL ALANIZ
ADDRESS: 235 W HWY 281,
WESLACO, TEXAS, 78596

OWNER: AUDRIA K. ALANIZ
ADDRESS: 235 W HWY 281,
WESLACO, TEXAS, 78596

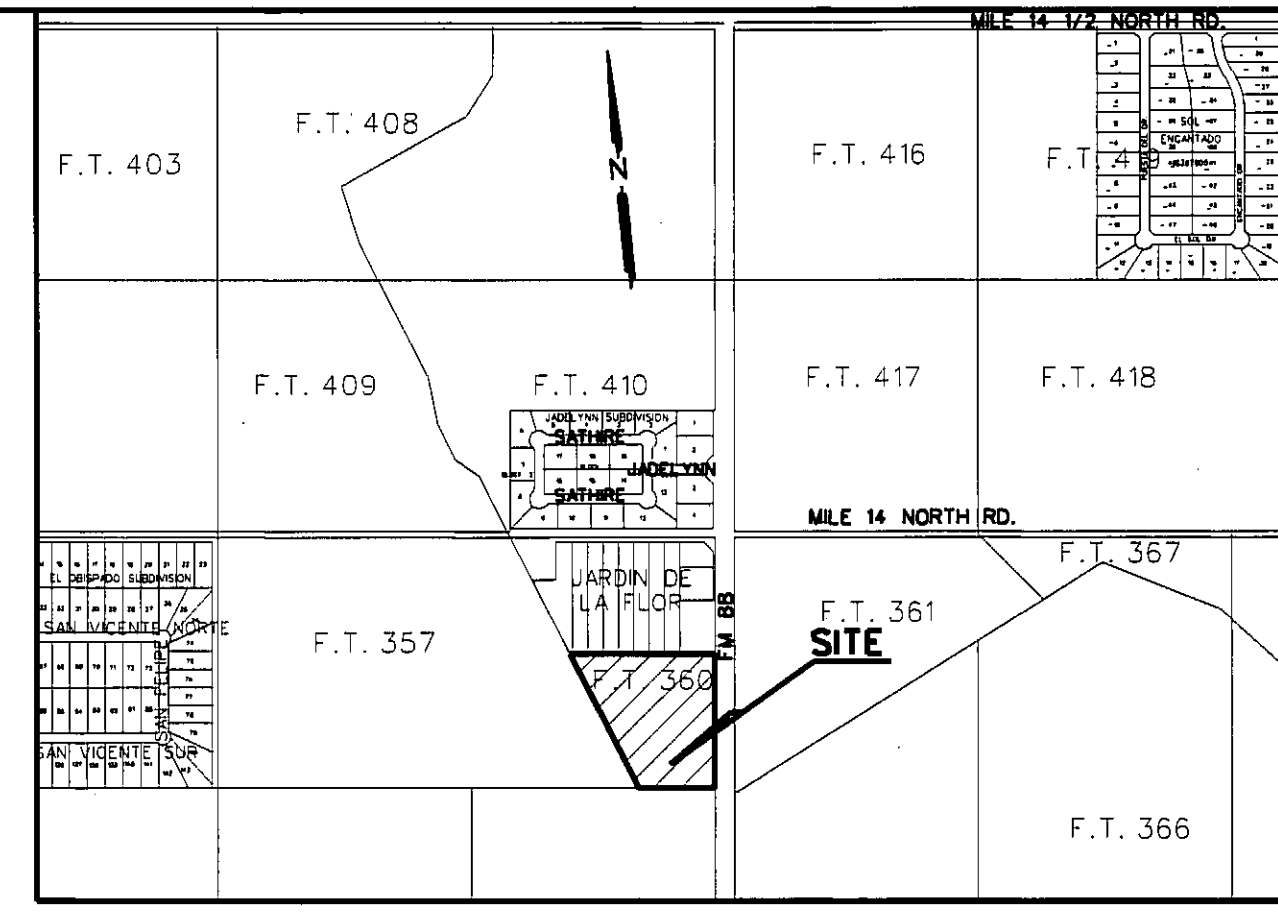
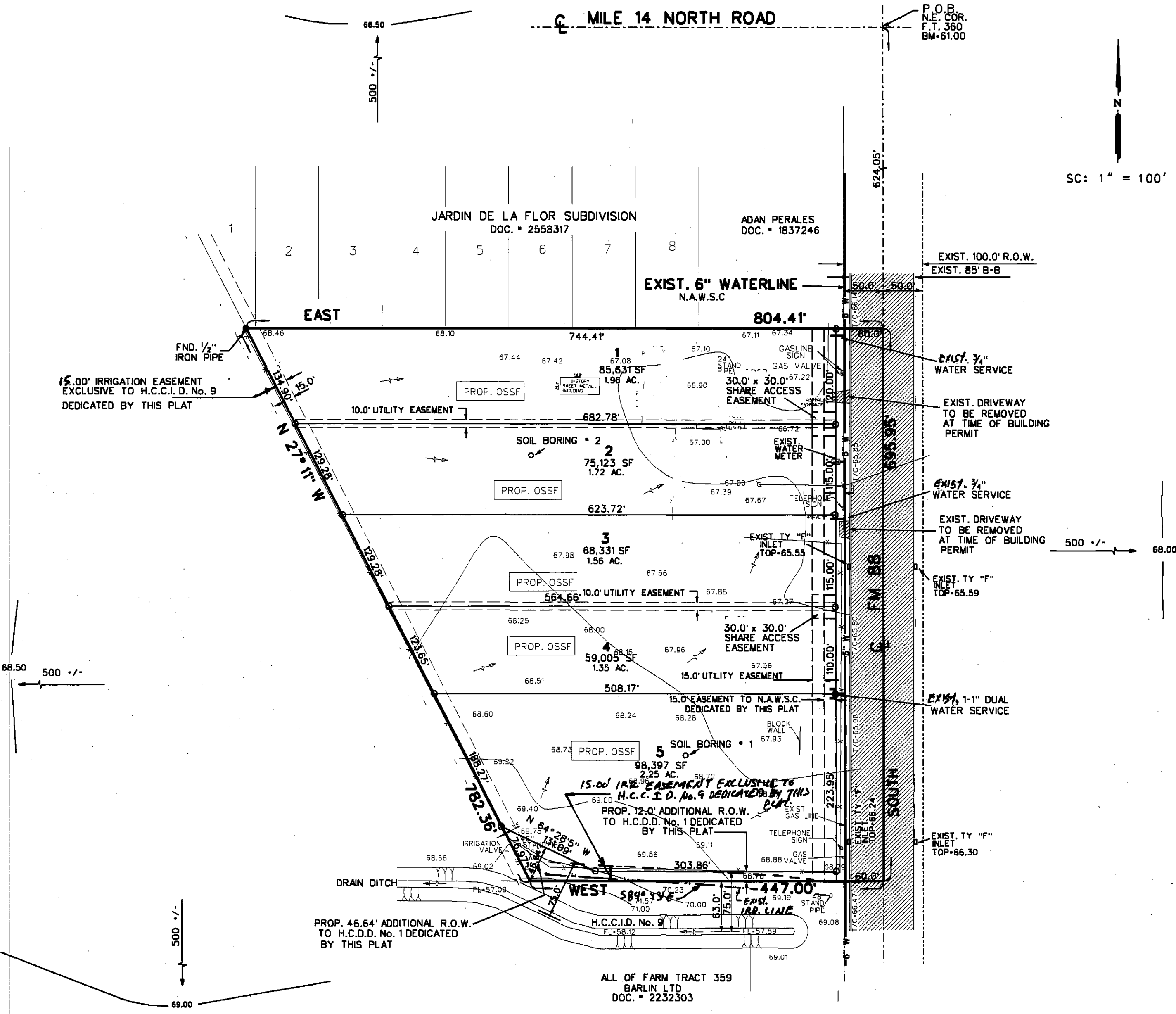
STATE OF TEXAS
COUNTY OF HIDALGO

BEFORE ME, THE UNDERSIGNED NOTARY PUBLIC, ON THIS DAY PERSONALLY APPEARED DANIEL AND AUDRIA K. ALANIZ WHO PROVED TO BE THROUGH THEIR TEXAS DEPARTMENT OF PUBLIC SAFETY DRIVER LICENSE TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT, WHO, BEING BY ME DULY SWORN, DECLARED THAT THEIR STATEMENTS THEREIN ARE TRUE AND CORRECT AND ACKNOWLEDGED THAT THEY EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATION THEREBY EXPRESSED.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS 1ST DAY OF March, 2019



NOTARY PUBLIC, FOR THE STATE OF TEXAS



LOCATION MAP SCALE: 1" = 1000'

LOCATION OF SUBDIVISION WITH RESPECT TO THE EXTRATERRITORIAL JURISDICTION OF A MUNICIPALITY: MESQUITE CROSSING SUBDIVISION IS LOCATED WITHIN HIDALGO COUNTY PRECINCT NO. 1 ON THE EAST SIDE OF HIDALGO COUNTY AND ON THE WEST SIDE OF FM 88, 924.05 FEET SOUTH OF MILE 14 NORTH ROAD, THE ONLY NEARBY MUNICIPALITY IS THE CITY OF WESLACO (POPULATION 37,791 2015 CENSUS). MESQUITE CROSSING SUBDIVISION LIES APPROXIMATELY 4 MILES FROM THE CITY LIMITS OF WESLACO AND LIES OUTSIDE THE CITY'S 3.5 MILE EXTRATERRITORIAL JURISDICTION (ETJ) UNDER LOCAL GOVERNMENT CODE § 42.021

DRAINAGE REPORT:

AUGUST 4, 2018
DRAINAGE REPORT:
BY: GUILLERMO A. ARRATIA, P.E.
MESQUITE CROSSING SUBDIVISION
HIDALGO COUNTY, TEXAS

PROJECT LOCATION:
THE PROPERTY IS LOCATED ON THE WEST SIDE OF FM 88, 924.05 SOUTH OF MILE 14 NORTH ROAD

FLOOD PLAN:
THE SUBJECT TRACT LIES IN ZONE "X"; (UNSHADED) AREAS DETERMINED TO BE OUTSIDE 500-YEAR FLOOD PLAN. IN ACCORDANCE WITH FEMA FIRM MAP NO. 480334 0450 C MAP REVISED: JUNE 6, 2000. REVISED TO REFLECT LOMR DATED: MAY 30, 2002

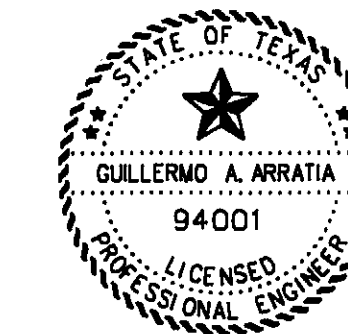
SOIL CONDITIONS:
A REVIEW OF THE SOIL SURVEY OF HIDALGO COUNTY INDICATES THE SUBJECT TRACT LIES IN AN AREA OF PREDOMINANTLY HIDALGO (25) AND (28) SANDY CLAY LOAM SOIL THAT HAS A POOR LOW SHRINK-SWALE POTENTIAL AND IS LISTED IN HYDROLOGICAL GROUP B.

EXISTING CONDITIONS:
THE SUBJECT TRACT IS CURRENTLY DEVELOPED. THE EXISTING TERRAIN HAS A GRADE OF APPROXIMATELY 0.1% EXISTING RUNOFF (4.56 CFS) FROM THE SITE IS BY FORM OF SHEET FLOW RUNS TOWARDS THE NORTHEAST SIDE OF THIS TRACT.

PROPOSED CONDITIONS:
THE PROPOSED CONDITIONS FOR THIS SUBJECT TRACT CONSIST OF 5 LOTS FOR RESIDENTIAL USE. THE STORM SEWER RUNOFF AFTER DEVELOPMENT WILL BE INCREASE 1.94 CFS FOR A TOTAL 6.5 CFS. I HAVE CALCULATED THAT 14.345 CFS OF STORM SEWER FOR A 10-YEAR DESIGN FREQUENCY AND WILL DETERMINED WITHIN THE PROPERTY BY DEPRESSING FRONT YARD AREAS AND OUT FALLING INTO EXISTING INLETS LOCATED ON THE WEST SIDE OF FM 88 VIA SHEET FLOW AT THE TIME OF BUILDING PERMIT.

CERTIFICATION:
BY MY SIGNATURE BELOW, I CERTIFY THAT THIS SUBDIVISION LIES IN A THE SUBJECT TRACT LIES IN ZONE "X"; AREAS DETERMINED TO BE OUTSIDE 500-YEAR FLOOD PLAN. IN ACCORDANCE WITH FEMA FIRM MAP NO. 480334 0450 C MAP REVISED: JUNE 6, 2000. REVISED TO REFLECT LOMR DATED: MAY 30, 2002 BASED ON GRAPHICAL REPRESENTATION ON DATE SIGN.

Guillermo A. Arratia 3/1/19
GUILLERMO A. ARRATIA
LICENSED PROFESSIONAL ENGINEER NO. 94001
526 N. 5TH ST.
DONNA, TEXAS, 78537



DRENAJE: DESCRIPCION, GASTOS Y FECHA DE INICIO PARA FACILITAR EL DRENAJE PARA LA SUBDIVISION.
SE INSTALARA UNA FOSA SEPTICA EN CADA SOLAR. ESTA FOSA SEPTICA CONSISTE DE UN TANQUE SEPTICO DE MODELO DUAL Y DE UN CAMPO DE DRENAJE PARA EL SOLAR. GUSTAVO CHAPA AUTOR DE ESTE DOCUMENTO HA EVALUADO EL AREA DONDE SE ENCUENTRA LA SUBDIVISION Y HA PREPARADO UN REPORTE QUE CONCLUYE QUE ESTE TERRENO ES ADECUADO PARA ESAS FOSAS SEPTICAS (OSSF). EL REPORTE FUE APROVADO POR EL DEPARTAMENTO DE SALUBRIDAD DEL CONDADO DE HIDALGO (HIDALGO COUNTY HEALTH DEPARTMENT) SEGUN EL REPORTE. CADA LOTE EN LA SUBDIVISION MIDE MEDIO ACRE. SE HICIERON DOS EXCAVACIONES DE EVALUACION EN LOS LUGARES PROPUESTOS EN LA SUBDIVISION (EXCAVACIONES ADICIONALES NO FUERON NECESARIAS PORQUE EL TERRENO EN ESTA AREA ES SIGNIFICATIVAMENTE UNIFORME) EL TERRENO ES UNIFORME (TERRENO ARCILLOSO Y SUELO FRANCO) Y SE EXTIENDE A 60 PULGADAS BAJA TODAS LAS EXCAVACIONES PROPUESTAS. NO EXISTE EVIDENCIA DE AGUA 24 PULGADAS MAS ARRIBA DE LO MAS BAJO DE LAS EXCAVACIONES PROPUESTAS. EL AGUA EN ESTA AREA FLUYE BIEN.
EL COSTO TOTAL PARA LA INSTALACION DE LOS SISTEMAS INDIVIDUAL DE FOSAS SEPTICAS PARA LA SUBDIVISION ES DE \$7,500.00 INCLUYENDO EL COSTO DEL PERMISO REQUERIDO Y LICENCIA EN ESTOS MOMENTOS NINGUNA FOSAS SEPTICAS HA SIDO INSTALADA EN EL PROCESO DE LA APROVACION FINAL.
EN CUALQUIER MOMENTO DESPUES QUE EL TERRENO SEA VENDIDO, EL COMPRADOR PUEDE INICIAR LA INSTALACION DE UN SISTEMA SEPTICO ESCRIBIENDO O LLAMANDO AL DUEÑO DE LA SUBDIVISION Y ENTONCES ARCHIVANDO EN EL DEPARTAMENTO DE SALUD DEL CONDADO DE HIDALGO UNA APLICACION PARA UN PERMISO DE CONSTRUIR PARA UN SISTEMA SEPTICO. LAS FOSAS SEPTICAS DEBEN DE ESTAR INSTALADAS ANTES QUE EL CONDADO DE HIDALGO PUEDA APROBAR LA AUTORIZACION DE LUZ Y AGUA.
CERTIFICACION:
CON MI FIRMA, CERTIFICO QUE LOS SERVICIOS Y SISTEMAS DE AGUA Y DE DRENAJE, DESCRITOS EN ESTE DOCUMENTO CUMPLEN CON LAS MODEL SUBDIVISION RULES (LAS REGLAS GOBERNANDO A LAS SUBDIVISIONES), ADOPTADAS EL LA SECCION 16.343 DEL TEXAS WATER CODE (CONDADO DE AGUA TEXAS). CERTIFICO QUE LOS GASTOS PARA INSTALAR LOS SISTEMAS DE AGUA Y DE DRENAJE SON:
AGUA: EL SISTEMA/SERVICIO DE AGUA SERA INSTALADO Y COMPLETAMENTE CONSTRUIDO MENOS EL MEDIDOR MECANICO DE AGUA QUE COSTARA UN TOTAL DE \$ 6,750.00
DRENAJE: SE ESTIMA QUE LAS FOSAS SEPTICAS COSTARAN \$7,500.00 PARA ESTA SUBDIVISION

FINAL WATER AND SEWER ENGINEERING REPORT
WATER SUPPLY: DESCRIPTION, COST, AND OPERABILITY DATE:
MESQUITE CROSSING SUBDIVISION WILL BE PROVIDED WITH POTABLE WATER BY THE NORTH ALAMO WATER SUPPLY (N.A.W.S.C.). THE SUBDIVIDER, AND N.A.W.S.C., HAVE ENTERED INTO A CONTRACT IN WHICH N.A.W.S.C. HAS PROMISED TO PROVIDE SUFFICIENT WATER TO THE SUBDIVISION FOR AT LEAST 30 YEARS AND N.A.W.S.C. HAS PROVIDED DOCUMENTATION TO SUFFICIENTLY ESTABLISH THE LONG TERM QUANTITY AND QUALITY OF THE AVAILABLE WATER SUPPLIES TO SERVE THE FULL DEVELOPMENT OF THIS SUBDIVISION.
N.A.W.S.C. HAS AN EXISTING 6" DIAMETER WATERLINE RUNNING ALONG THE WEST RIGHT-OF-WAY OF FM 88 WATER DISTRIBUTION FOR MESQUITE CROSSING SUBDIVISION CONSIST OF A PROPOSED 1-1/2" DIAMETER DUAL WATER SERVICE AND 2-1/4" WATER SERVICES, SAID SERVICES TERMINATE AT THE WATER METER BOX, AND THE METER BOX HAVE ALREADY BEEN INSTALLED AT A TOTAL COST OF \$2,500.00, IN ADDITION THE SUBDIVIDER HAS PAID N.A.W.S.C. THE SUM OF \$ 4,250.00, WHICH COVERS THE COST FOR LOTS AS STATED IN THE 30-YEAR WATER SERVICE AGREEMENT WHICH SUM REPRESENTS THE TOTAL COST OF THE WATER METER, RIGHTS ACQUISITION FEES, AND ALL MEMBERSHIP OR OTHER FEES ASSOCIATED WITH CONNECTING THE INDIVIDUAL LOTS IN THE SUBDIVISION TO N.A.W.S.C. UPON REQUEST BY THE LOT OWNER, N.A.W.S.C. WILL PROMPTLY INSTALL AT NO CHARGE THE WATER METER.
THE ENTIRE WATER FACILITIES HAVE BEEN APPROVED AND ACCEPTED BY N.A.W.S.C., AND SAID DISTRIBUTION SYSTEM IS OPERABLE AS OF THE DATE OF THE RECORDING OF THE PLAN.
LOT 2 HAS AN EXISTING WATER METER

SEWAGE FACILITIES: DESCRIPTION, COSTS, AND OPERABILITY DATES:
SEWAGE FROM MESQUITE CROSSING SUBDIVISION WILL BE TREATED BY INDIVIDUAL ON-SITE SEWAGE FACILITIES ("OSSF") CONSISTING OF A STANDARD DESIGN DUAL COMPARTMENTS SEPTIC TANK AND A DRAIN FIELD ON THIS LOT. THE SITE EVALUATOR GUSTAVO CHAPA REG. # 9754, HAS EVALUATED THE SUITABILITY OF THE SUBDIVISION SITE FOR OSSF AND SUBMITTED A REPORT CONCLUDING THAT THE SITE IS SUITABLE FOR OSSF. THE REPORT WAS REVIEWED AND APPROVED BY THE HIDALGO COUNTY HEALTH DEPARTMENT. EACH LOT HAS ADEQUATE AREA FOR A REPLACEMENTS DRAIN FIELD.
EACH LOT IN THE PROPOSED SUBDIVISION IS AT LEAST 1/2 ACRE IN SIZE. THE NATURAL RESOURCE CONSERVATION SERVICE SOIL SURVEY BOOK INDICATED A SANDY LOAM SOIL FOR THE AREA. AT LEAST TWO SOIL EXCAVATIONS WERE PERFORMED ON THE SITE, AT OPPOSITE ENDS OF THE SOIL IS A TEXTURE CLASS IS SANDY LOAM BLOCKY EXTENDING UP TO 36" BELOW THE BOTTOM OF ANY PROPOSED EXCAVATIONS. THERE IS NO INDICATION OF GROUNDWATER OR A RESISTIVE LAYER WITHIN 24" OF BOTTOM OF THE PROPOSED EXCAVATIONS. THE SUBDIVISION DRAINS WELL.

THE ESTIMATED COST TO INSTALL THE SEPTIC SYSTEMS ON THIS SUBDIVISION IS \$7,500.00 INCLUDING THE COST FOR THE REQUIRED PERMIT AND LICENSE. ALL OSSF'S HAVE BEEN INSTALLED AS OF THE TIME OF APPLICATION FOR FINAL PLAT APPROVAL, WITH THE FILING OF THIS PLAT, THE SUBDIVIDER IS PROVIDING ADEQUATE FINANCIAL GUARANTEES OF PERFORMANCE IN THE FORM OF A CASHIER'S CHECK OR PERSONAL CHECK REPRESENTING A CASH DEPOSIT TO BE HELD BY THE COUNTY OF HIDALGO IN ESCROW IN THE AMOUNT OF \$ 7,500.00 WHICH IS THE ESTIMATED TOTAL COST TO INSTALL A SEPTIC TANK SYSTEM ON EACH LOT. THE SUBDIVIDER WILL INCLUDE THE COST OF A SEPTIC TANK SYSTEM IN THE SALE PRICE OF THE LOT.
AT ANY TIME AFTER THE LOT IS SOLD, THE PURCHASER MAY INITIATE INSTALLATION OF AN OSSF SYSTEM BY WRITING OR CALLING THE SUBDIVIDER. SUBDIVIDER SHALL BE RESPONSIBLE TO FILE WITH THE HIDALGO COUNTY HEALTH DEPARTMENT AN APPLICATION FOR A PERMIT TO INSTALL AN OSSF. THE OSSF SYSTEM SHALL BE INSTALLED ON THE LOT PRIOR TO THE COUNTY ISSUING A FINAL LIGHT AND WATER CLEARANCE.
THERE IS AN EXISTING SEPTIC TANK SYSTEM IN THIS SUBDIVISION

ENGINEER CERTIFICATION:
BY MY SIGNATURE BELOW, I CERTIFY THAT THE WATER AND SEWAGE SERVICE FACILITIES DESCRIBED ABOVE ARE IN COMPLIANCE WITH THE MODEL RULES ADOPTED UNDER SECTION 16.343, WATER CODE. I CERTIFY THAT THE COST TO INSTALL THE WATER DISTRIBUTION SYSTEM AND ON-SITE SEWAGE FACILITIES, DISCUSSED ABOVE, ARE AS FOLLOWS:
WATER FACILITIES - THESE FACILITIES FULLY CONSTRUCTED, WITH THE INSTALLATION OF WATER METERS, WILL COST A GRAND TOTAL OF \$ 6,750.00
SEWAGE FACILITIES - SEPTIC SYSTEM HAS BEEN INSTALLED AT A TOTAL COST OF \$ 7,500.00

FINAL WATER AND SEWER ENGINEERING REPORT IN SPANISH
PROVISION DE AGUA: DESCRIPCION, GASTOS Y FECHA DE INICIO
LA SUBDIVISION DE MESQUITE CROSSING SUBDIVISION RECIBIRA SU PROVISION DE AGUA DE NORTH ALAMO WATER SUPPLY. EL DUEÑO DE LA SUBDIVISION Y LA COMPANIA AGUA N.A.W.S.C. HAN FIRMADO UN CONTRATO POR EL CUAL LA SUBDIVISION RECIBIRA SU PROVISION DE AGUA POR LOS PROXIMOS 30 ANOS. N.A.W.S.C. HA PRESENTADO DOCUMENTACION PARA DEMOSTRAR A LARGO PLAZO LA CANTIDAD Y CALIDAD DE AGUA ACCESIBLE PARA SERVIR EL FUTURO DESARROLLO DE LA SUBDIVISION.
EL SISTEMA DE PROVISION DE AGUA PARA LA SUBDIVISION DE MESQUITE CROSSING SUBDIVISION CONSISTE DE UN CONDUCTO DE AGUA EXISTENTE DE 6 PULGADAS DE DIAMETRO QUE PASA POR EL LADO OESTE DEL DERECHO DE VIA (RIGHT-OF-WAY) DE LA CARRETERA FM 88 PARA LA DISTRIBUCION DEL AGUA PARA MESQUITE CROSSING SUBDIVISION SE INSTALARAN UN CONDUCTOS DOBLE DE 1 PULGADA DEDIAMETRO Y 2 DE 3/4" DE PULGADA Y EL MEDIDOR MECANICO DE AGUA A UN COSTO TOTAL DE \$ 2,500.00
EL DUEÑO DE LA SUBDIVISION TAMBIEN LE HA PAGADO A N.A.W.S.C. \$ 4,250.00 POR LA SUBDIVISION QUE CUBRE EL COSTO DEL MEDIDOR MECANICO DE AGUA PARA CADA LOTE. ESTE PRECIO INCLUYE EL COSTO DE LA INSTALACION DEL MEDIDOR Y LOS GASTOS DE CONEXION. CUANDO EL DUEÑO DEL LOTE SOLICITE EL MEDIDOR DE AGUA, LA COMPANIA DE N.A.W.S.C., LO INSTALARA SIN COSTO ALGUNO AL DUEÑO DE LA SUBDIVISION. EL SISTEMA DE AGUA ESTARA EN FUNCIONAMIENTO COMPLETO ANTES O EN LA FECHA, EN LA CUAL LA SUBDIVISION SEA REGISTRADA EN EL CONDADO DE HIDALGO.

REVISION NOTES

NO.	SHEET	REVISION	DATE	APPROVED

PRINCIPAL CONTACTS:
NAME ADDRESS CITY & ZIP PHONE
OWNER: DANIEL ALANIZ 235 W HWY 281, WESLACO, TEXAS, 78596 (956) 532-7763
OWNER: GUILLERMO A. ARRATIA, P.E. 526 N. 5TH ST. DONNA, TX 78537 (956) 784-0218
SURVEYOR: REYNALDO ROBLES 107 W. HUISACHE ST. WESLACO, TEXAS, 78596 956-988-2422

NAIN ENGINEERING, L.L.C.
CONSULTING ENGINEER
526 N. 5TH STREET
DONNA, TEXAS, 78537
FIRM NO. F-9050
PH. (956) 784-0218
E-MAIL: NAINENGINEERING@YAHOO.COM

SHEET 2 OF 2

INDEX TO SHEET OF MESQUITE CROSSING SUBDIVISION

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TYPICAL WATER SERVICE CONNECTIONS: OWNER'S DEDICATION, CERTIFICATION, AND ATTESTATION	DRAINAGE REPORT INCLUDING DESCRIPTION OF DRAINAGE AND HOW IT WILL SERVE THIS DEVELOPMENT: MAP OF TOPOGRAPHY AND DRAINAGE, AND ENGINEER'S CERTIFICATION: REVISION NOTES: CONSTRUCTION DETAILS		