



# HIDALGO COUNTY PLANNING DEPARTMENT

T.J. Arredondo, CFM  
Director of Planning

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

## HIDALGO COUNTY COMMISSIONERS COURT MEETING

DATE: 1-25-2022

PROPOSED MALUZ SUBDIVISION PRECINCT No. 3.

ENGINEER: SOUTH TEXAS INFRASTRUCTURE GROUP DEVELOPER: MATERMI, LLC.

PRELIMINARY APPROVAL     FINAL APPROVAL     FINAL APPROVAL WITH FINANCIAL GUARANTEE     WITH VARIANCE

NUMBER OF LOTS: 23  \*SINGLE FAMILY     \*MULTI-FAMILY     COMMERCIAL     INDUSTRIAL

ESTIMATED NUMBER OF STREETLIGHTS: N/A

FILLING STATIONS: 4

LOCATION DESCRIPTION: NORTH WEST CORNER OF MILE 6 ROAD AND TEXAN ROAD.

SUBDIVISION LIES WITHIN THE:  ETJ OF MISSION.

DRAINAGE REPORT WAS APPROVED BY HCDD#1: ON 11-12-2021 PROPERTY LIES WITHIN FLOOD ZONE: "A & X" AS PER FEMA.

DRAINAGE DESIGN: DRAINAGE WILL BE PROVIDED BY NATURAL PERCULATION AND SURFACE RUN-OFF ONTO MILE 6 ROAD SIDE DITCH.

ROAD R.O.W. DEDICATION: 10.00 FEET ONTO TEXAN ROAD & 20.00 FEET ONTO MILE 6 ROAD.

H.C.R.O.W. PRELIMINARY APPROVAL DATE: 11-19-2021 BY, VICTOR GALLARDO, PCT 3 R.O.W. AGENT

H.C.H.D. PRELIMINARY APPROVAL DATE: 11-19-2021 BY, ENVIRONMENTAL HEALTH DIVISION

SEWER SYSTEM:  OSSF'S

WATER SERVICE PROVIDER: AGUA SUD EXISTING LINE SIZE: 8" LOCATION: TEXAN ROAD.

H.C.E.O.C. PRELIMINARY APPROVAL DATE: 11-18-2021: BY ENVIRONMENTAL COMPLIANCE COORDINATOR

**LARGE CONSTRUCTION**

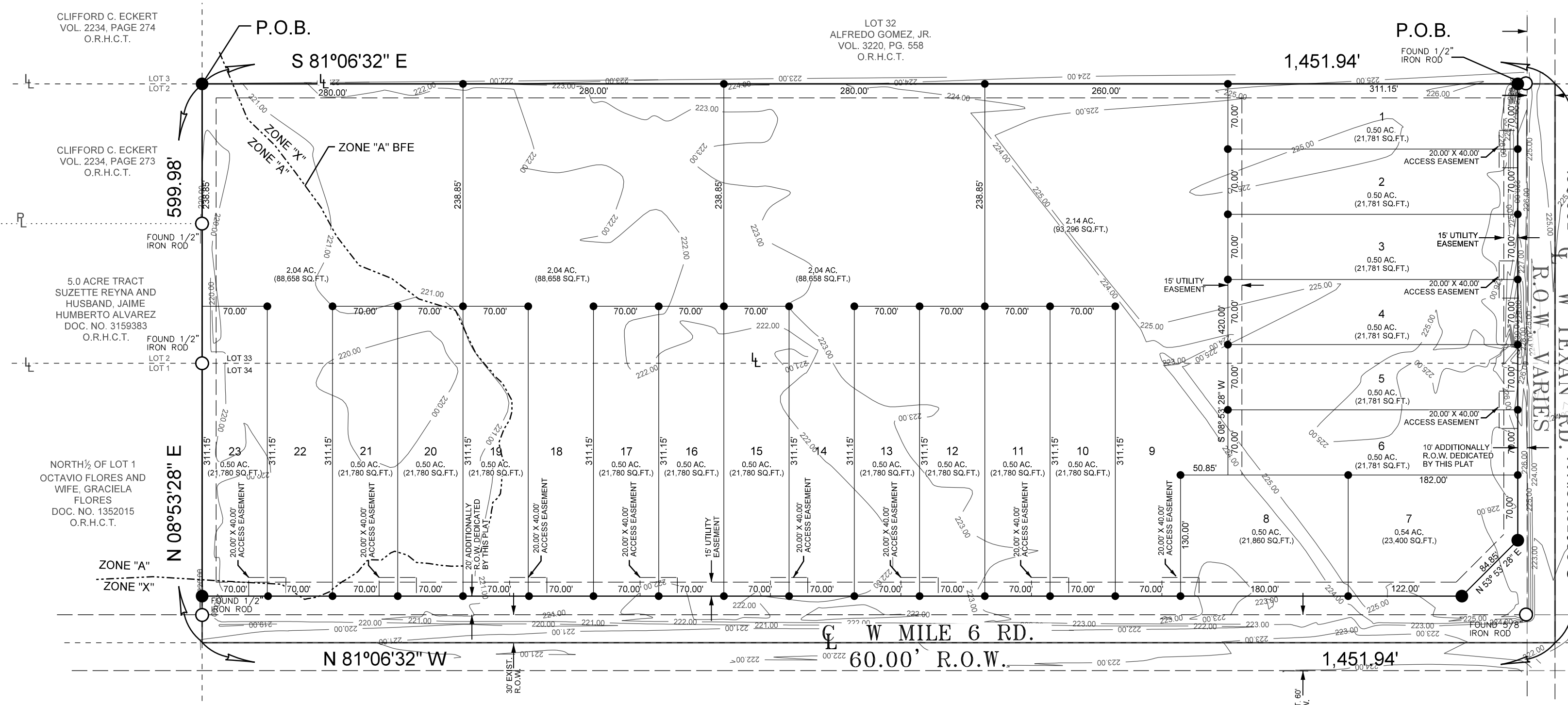
The applicant has submitted the required NOI as per Part II, Section E of the TPDES General Permit for Construction Activities (TXR150000) along with a copy of the Erosion Control Plan for the proposed Project.

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

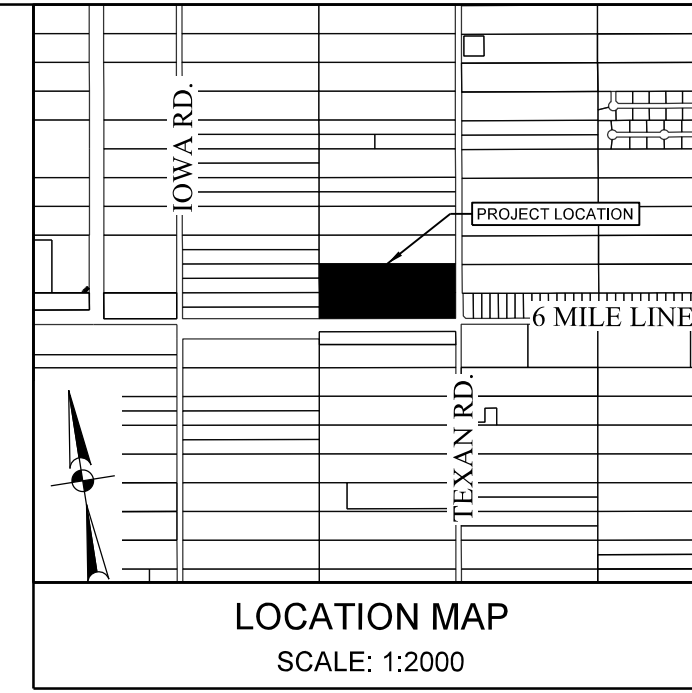
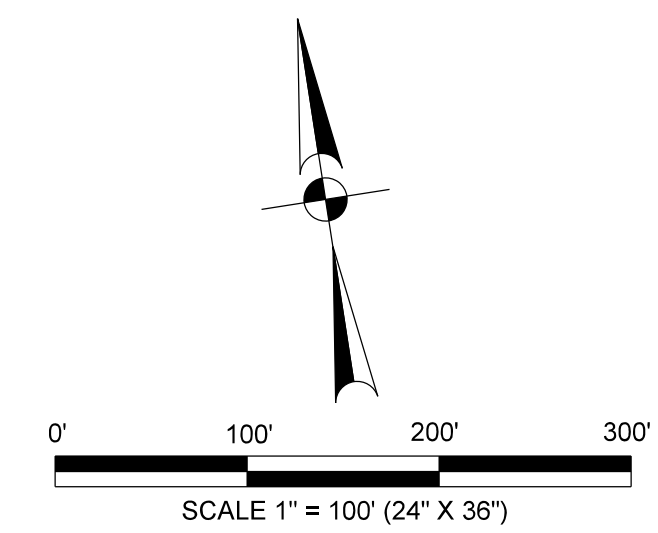
This subdivision plat has been reviewed and complies with the Hidalgo County Subdivision Rules, Texas Water Development Board Model Subdivision Rules and The Texas Local Government Code.

\*



**LEGEND:**

- SET # 5/8" IRON ROD WITH PLASTIC CAP STAMPED "ROWSS PROP. COR."
- FOUND IRON ROD WITH PLASTIC CAP STAMPED "ROWSS PROP. COR.", UNLESS OTHERWISE NOTED
- OFFICIAL RECORDS HIDALGO COUNTY TEXAS
- MAP RECORDS HIDALGO COUNTY TEXAS
- DEED RECORDS HIDALGO COUNTY TEXAS
- RIGHT-OF-WAY
- HIDALGO COUNTY DRAINAGE DISTRICT
- O.R.H.C.T.
- M.R.H.C.T.
- D.R.H.C.T.
- R.O.W.
- H.C.D.D.



**LOCATION DESCRIPTION**

MALUZ SUBDIVISION IS LOCATED WITHIN HIDALGO COUNTY PRECINCT NO. 3 IN THE WEST SIDE OF HIDALGO COUNTY, IS LOCATED NORTHWEST OF THE INTERSECTION OF 6 MILE LINE AND TEXAN RD. THE ONLY NEARBY MUNICIPALITY IS THE CITY OF MISSION, ACCORDING TO THE OFFICIAL MAP IN THE CITY OFFICE OF PLANNING AND ZONING (POPULATION 83,394, 2015 CENSUS). MALUZ SUBDIVISION LIES APPROXIMATELY 2 1/2 MILE FROM THE CITY LIMITS OF MISSION AND IS WITHIN THE CITY'S 0 TO 3 1/2 MILE EXTRATERRITORIAL JURISDICTION (ETJ) UNDER LOCAL GOVERNMENT CODE 42.021 AND 212.001

**GENERAL NOTES:**

1. FLOOD ZONE STATEMENT: FLOOD ZONE DESIGNATION: "X" ZONE "X" AREA OF 500-YEAR FLOOD. ZONE "A" NO BASE FLOOD ELEVATIONS DETERMINED; COMMUNITY PANEL NO. 480334 0290 D, REVISED JUNE 06, 2000. BASED ON LIDAR AND TOPOGRAPHIC DATA FROM THE SITE WE HAVE DETERMINED THAT THE BASE FLOOD ELEVATION FOR THIS ZONE "A" ON THIS SPECIFIC PROPERTY IS \_\_\_\_\_ FEET. PROPERTY HAS BEEN TAKEN OUT OF THE FLOOD ZONE WITH LOMR CASE NO. \_\_\_\_\_
- COMMUNITY PANEL NO. 480334 0290 D, REVISED JUNE 06, 2000.
2. MINIMUM BUILDING SETBACK LINES: FRONT SETBACK: 25 FEET OR EASEMENT WHICHEVER IS GREATER 50 FEET FOR LOTS FRONTING WESTERN PALM ROAD SIDE SETBACK: INTERNAL LOT: 8.00 FEET OR EASEMENT WHICHEVER IS GREATER EXTERNAL LOT: 10.00 FEET OR EASEMENT WHICHEVER IS GREATER REAR SETBACK: 15.00 FEET OR EASEMENT WHICHEVER IS GREATER
3. NO MORE THAN ONE SINGLE FAMILY DETACHED DWELLING SHALL BE LOCATED ON THE LOTS 1 THROUGH 23. THIS MUST BE STIPULATED ON ALL DEEDS AND CONTRACTS FOR DEEDS.
4. MINIMUM FINISHED FLOOR ELEVATION SHALL BE 2" ABOVE TOP OF CURB OR 2" ABOVE NATURAL GROUND, WHICHEVER IS GREATER. ELEVATION CERTIFICATE MAY BE REQUIRED FOR LOTS LOCATED OUTSIDE A DESIGNATED FLOOD ZONE AT THE TIME OF APPLICATION FOR CONSTRUCTION TO VERIFY PRE AND POST CONSTRUCTION FINISHED FLOOR ELEVATIONS AN ELEVATION CERTIFICATE SHALL BE REQUIRED FOR ALL LOTS WITHIN A DESIGNATED FLOOD ZONE AT THE TIME FOR DEVELOPMENT PERMIT APPLICATION
5. THE FOLLOWING BENCHMARKS ARE IDENTIFIED ON THE FACE OF THE PLAT AND ON THE ATTACHED ENGINEERING PLANS. BM-1 IS A SET 5/8" IRON PIN WITH PLASTIC CAP "ROWSS CONTROL" LOCATED ON EAST WESTERN PALM ROAD INTERSECTION.  
N=  
E=  
ELEV=
6. IN ACCORDANCE WITH THE HIDALGO COUNTY DRAINAGE DISTRICT NO. 1 A TOTAL OF 25,860 CUBIC FEET, 0.823 ACRE-FEET OF DETENTION IS REQUIRED FOR THIS SUBDIVISION.
7. NO STRUCTURE SHALL BE PERMITTED OVER ANY EASEMENT EASEMENTS SHALL BE KEPT CLEAR OF 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.
8. EACH PURCHASE 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.
9. 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 OCCUPYING AN EASEMENT.
10. 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 LOT.
- A OSSF SYSTEM IS BEING DESIGNED FOR DISPOSAL OF DOMESTIC SEWERAGE ONLY. BEACH 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 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.
11. THERE ARE NO WATER WELLS WITHIN 150 FEET FROM THE BOUNDARIES ON THIS SUBDIVISION.
12. JULIO CERDA THE OWNER & SUBDIVIDER OF MATERMI SUBDIVISION, RETAINS A BLANKET EASEMENT UPON EACH LOT FOR THE PURPOSE OF INSTALLING AN APPROVED OSSF ON THE LOT AS DESCRIBED ON SHEET NO. 3 OF THIS PLAT.
13. ALL LOTS SHALL HAVE A POST DEVELOPMENT FINISHED GRADE FROM THE REAR OF THE LOT TO THE CURB AND/OR ROADSIDE DITCH AT A 0.25% SLOPE TO ACCOMPLISH POSITIVE DRAINAGE. THIS IS IN ACCORDANCE WITH HIDALGO COUNTY APPENDIX 5, COUNTY CONSTRUCTION SPECIFICATIONS 3.1.4.
14. THE DEVELOPER SHALL BE RESPONSIBLE FOR DETAININ AND ACCOMODATING MORE THAN THE DETAINED VOLUME SHOWN ON THIS PLAT IF IT IS DETERMINED AT THE DEVELOPMENT STAGE, THAT THE DETENTION REQUIREMENTS ARE GREATER THAN STATED ON THIS PLAT. DUE TO THE IMPERVIOUS AREA BEING GREATER THAN THE PLAT ENGINEER CONSIDERED IN THE HYDRAULIC CALCULATIONS FOR THIS SUBDIVISION.

**INDEX OF SHEETS**

- SHEET 1 - HEADING INDEX, LOCATION MAP AND ETJ, PRINCIPAL CONTACTS, LOT, STREETS AND EASEMENT LAYOUT, ENGINEERS AND SURVEYORS CERTIFICATION, HIDALGO COUNTY CLERK'S RECORDING CERTIFICATE, PLAT NOTES AND RESTRICTIONS, DESCRIPTION (METES & BOUNDS), OWNER'S ACKNOWLEDGMENT, HIDALGO COUNTY HEALTH DEPT. CERTIFICATE, H.C.D.D. NO. 1 CERTIFICATION, COUNTY CLERK RECORDING CERTIFICATE, H.C.D.D. NO. 16 CERTIFICATE, ENGINEERS AND SURVEYOR'S CERTIFICATION, CITY OF MISSION CERTIFICATE OF APPROVAL, HIDALGO COUNTY ENVIRONMENTAL HEALTH DEPARTMENT CERTIFICATE.
- SHEET 2 - WATER DISTRIBUTION AND SANITARY SEWER (OSSF) MAP, ENGINEERING REPORT, INCLUDING DESCRIPTION OF WATER AND WASTE WATER/OSSF AND ENGINEER'S CERTIFICATION (ENGLISH AND SPANISH) SUBDIVIDER CERTIFICATE & STATEMENT WATER DISTRIBUTION STANDARDS DETAILS.
- SHEET 3 - DRAINAGE REPORT INCLUDING DESCRIPTION OF DRAINAGE, MAP OF TOPOGRAPHY, DRAINAGE AND PAVING MAP, ENGINEERING CERTIFICATION, DRAINAGE AREAS, PIPE CALCULATIONS, REVISION NOTES.

STATE OF TEXAS  
COUNTY OF HIDALGO

OWNER'S DEDICATION, CERTIFICATION, AND ATTESTATION:

JULIO CERDA AS OWNER OF THE 20.00 ACRE TRACT OF LAND ENCOMPASSED WITHIN THE PROPOSED MALUZ SUBDIVISION, HEREBY SUBDIVIDE THE LAND AS DEPICTED IN THIS SUBDIVISION PLAT AND DEDICATED 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 THE STATE STANDARDS
- (C) ELECTRICAL CONNECTIONS PROVIDED TO THE LOTS MEET, OR WILL MEET, THE MINIMUM STATE STANDARDS
- (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

JULIO CERDA \_\_\_\_\_ DATE \_\_\_\_\_  
900 S. STEWART RD STE 13  
MISSION, TEXAS 78572

STATE OF TEXAS  
COUNTY OF HIDALGO

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED JULIO CERDA KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT, AND ACKNOWLEDGED TO ME THAT HE EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATIONS THEREIN STATED.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS \_\_\_\_ DAY OF \_\_\_\_\_

NOTARY PUBLIC \_\_\_\_\_

THIS PLAT OF MALUZ 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.

DATED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_.

CHAIRMAN \_\_\_\_\_

CITY OF MISSION CERTIFICATE OF APPROVAL

UNDER LOCAL GOVERNMENT CODE 212.0115(B) WE THE UNDERSIGNED CERTIFY THAT THIS PLAT OF MALUZ SUBDIVISION WAS REVIEWED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF MISSION.

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

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

I, ROBERTO SALINAS, HEREBY CERTIFY THAT THE AGUA SPECIAL UTILITY DISTRICT HAS APPROVED THE POTABLE WATER SUPPLY FOR THE MATERMI SUBDIVISION, HIDALGO COUNTY, TEXAS. THE AGUA SPECIAL UTILITY DISTRICT IS THE HOLDER OF THE CERTIFICATE OF CONVENIENCE AND NECESSITY (CON) ISSUED BY THE STATE OF TEXAS TO FURNISH POTABLE WATER TO AN AREA IN HIDALGO COUNTY, TEXAS THAT INCLUDES THIS SUBDIVISION AND IS THEREFORE OBLIGATED TO SERVE THIS SUBDIVISION WITH POTABLE WATER TO THE EXTENT REQUIRED BY THE LAWS OF THE STATE OF TEXAS. THE AGUA SPECIAL UTILITY DISTRICT AGREES THAT IT WILL PROVIDE WATER TO THIS SUBDIVISION AT THE TIME WHEN ALL OF THE INFRASTRUCTURE REQUIREMENTS FOR THE SUBDIVISION ARE MET. WATER METERS ARE IMMEDIATELY AVAILABLE FOR THIS PURPOSE UPON COMPLETION OF THE WATER FACILITIES SHOWN ON THE PLAT OF THE SUBDIVISION.

ROBERTO SALINAS, P.E.  
GENERAL MANAGER  
AGUA SPECIAL UTILITY DISTRICT

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 49.21(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 E. SESIN, P.E., C.F.M. \_\_\_\_\_ DATE \_\_\_\_\_

THIS PLAT IS HEREBY APPROVED BY THE HIDALGO COUNTY IRRIGATION DISTRICT NO. 16 ON THIS THE \_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_.

NO IMPROVEMENTS OF ANY KIND (INCLUDING WITHOUT LIMITATION TREES, FENCES AND BUILDINGS) SHALL BE PLACED UPON IRRIGATION DISTRICT NO. 16 RIGHT OF WAYS OR EASEMENTS. APPROVAL OF THIS PLAT DOES NOT RELEASE ANY RIGHTS THAT THE DISTRICT MAY HAVE WHETHER SHOWN OR NOT.

ATTEST: \_\_\_\_\_ PRESIDENT

SECRETARY \_\_\_\_\_

HIDALGO COUNTY CERTIFICATE OF PLAT APPROVAL

I, THE UNDERSIGNED CERTIFY THAT THIS PLAT OF MALUZ SUBDIVISION WAS REVIEWED AND APPROVED BY THE HIDALGO COUNTY HEALTH DEPARTMENT ON \_\_\_\_\_

ENVIRONMENTAL HEALTH DIVISION MANAGER \_\_\_\_\_ DATE \_\_\_\_\_

STATE OF TEXAS  
COUNTY OF HIDALGO

WE, THE UNDERSIGNED CERTIFY THAT THIS PLAT OF MALUZ SUBDIVISION WAS REVIEWED AND APPROVED BY THE HIDALGO COUNTY COMMISSIONERS COURT ON \_\_\_\_\_

HIDALGO COUNTY JUDGE \_\_\_\_\_ DATE \_\_\_\_\_

ATTEST: HIDALGO COUNTY CLERK \_\_\_\_\_ DATE \_\_\_\_\_

STATE OF TEXAS  
COUNTY OF HIDALGO

KNOW ALL MEN BY THESE PRESENTS:

I, JUAN E. GALVAN, A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF TEXAS, HEREBY CERTIFY THAT THIS PLAT IS TRUE AND CORRECTLY MADE AND PREPARED FROM AN ACTUAL SURVEY OF THE PROPERTY MADE UNDER MY SUPERVISION ON THE GROUND ON \_\_\_\_\_ UNDER MY DIRECTION.

JUAN E. GALVAN, R.P.L.S.  
REG. PROFESSIONAL LAND SURVEYOR # 4011

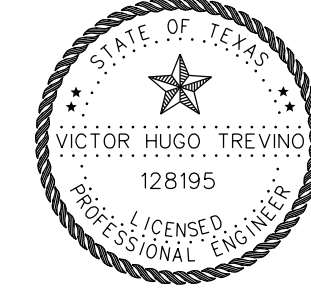


STATE OF TEXAS  
COUNTY OF HIDALGO

KNOW ALL MEN BY THESE PRESENTS:

I, VICTOR H. TREVIÑO, A REGISTERED PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THE STATE OF TEXAS, LICENSE NUMBER 128195, DO HEREBY CERTIFY THAT THIS PLAT HAS BEEN GIVEN PROPER AND ADEQUATE ENGINEERING CONSIDERATION.

VICTOR H. TREVIÑO, P.E.  
LICENSED PROFESSIONAL ENGINEER, TEXAS LIC. NO. 128195



**METES AND BOUNDS**

BEING AN 20.0 ACRE TRACT OF LAND AND BEING ALL OF LOT THIRTY-THREE (33) AND LOT THIRTY-FOUR (34), BLOCK FOURTEEN (1), TEXAN GARDENS SUBDIVISION, AS RECORDED IN VOLUME 8, PAGE 57-58 OF THE MAP RECORDS, HIDALGO COUNTY, TEXAS, CONVEYED BY "WARRANTY DEED WITH VENDOR'S LIEN TO MATERMI LLC, DATED MARCH 24, 2021 AND RECORDED ON APRIL 05, 2021 AS RECORDED IN DOCUMENT NUMBER 3209078 OF THE OFFICIAL RECORDS, HIDALGO COUNTY, TEXAS, SAID TRACT OF LAND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS: BEGINNING AT A 5/8-INCH IRON ROD STAMPED "ROWSS PROP COR" SET FOR A COMMON CORNER OF LOT 33 AND LOT 32, CONVEYED BY "WARRANTY DEED WITH VENDOR'S LIEN" TO ALFREDO GOMEZ, JR AND WIFE, LINDA Y. GOMEZ AS RECORDED IN VOLUME 3220, PAGE 558, OF THE OFFICIAL RECORDS, HIDALGO COUNTY, TEXAS, AND BEING THE NORTHWEST CORNER OF THIS TRACT OF LAND:

THENCE, SOUTH 81°06'32" WEST, A DISTANCE OF 1,420.66 FEET, ALONG A COMMON LINE OF LOT 33 AND LOT 32, PASSING AN IRON ROD FOUND FOR THE WEST RIGHT-OF-WAY LINE OF TEXAN ROAD, CONTINUING FOR A TOTAL DISTANCE OF 1,451.94 FEET TO A MAGNAIL SET FOR THE CENTERLINE OF TEXAN RD, AND BEING THE NORTHEAST CORNER OF THIS TRACT.

THENCE, SOUTH 09°53'28" WEST, A DISTANCE OF 598.98 FEET ALONG THE CENTERLINE OF TEXAN ROAD, TO A MAGNAIL SET FOR THE CENTERLINE OF TEXAN RD AND MILE 6 ROAD, AND BEING THE SOUTHEAST CORNER OF THIS TRACT.

THENCE, NORTH 81°06'32" WEST, A DISTANCE OF 1,451.94 FEET ALONG THE CENTERLINE OF 6 MILE ROAD TO A MAGNAIL SET FOR CENTERLINE OF MILE 6 ROAD AND ALSO BEING THE SOUTHEAST CORNER OF LOT 1, BLOCK 14, TEXAN GARDENS SUBDIVISION, AS CONVEYED BY "WARRANTY DEED" TO OCTAVIO FLORES AND WIFE, GRACIELA FLORES AS RECORDED IN DOCUMENT NUMBER 1352015, OF THE OFFICIAL RECORDS, HIDALGO COUNTY, TEXAS, AND BEING THE SOUTHWEST CORNER OF THIS TRACT.

THENCE, NORTH 09°53'28" EAST, A DISTANCE OF 598.98 FEET, WITH THE COMMON LINE LOT 1 AND LOT 34, TO THE POINT OF BEGINNING AND CONTAINING A COMPUTED AREA OF 20.00 ACRES.

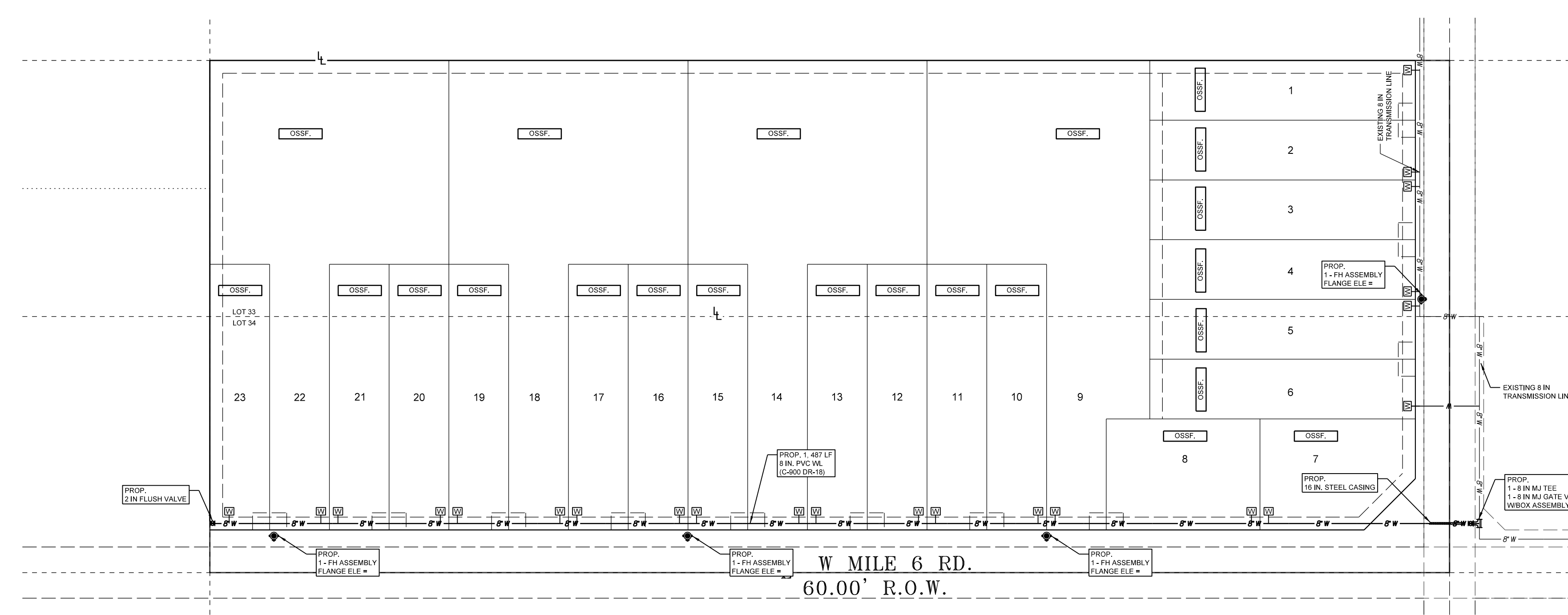
REVISION NOTES				
No	SHEET	REVISION	DATE	APPROVED

**PRINCIPAL CONTACTS**

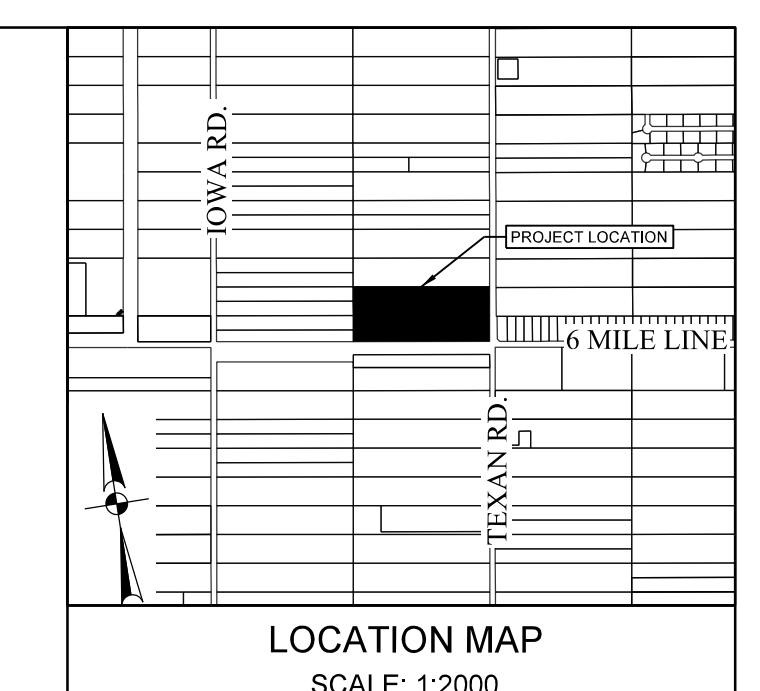
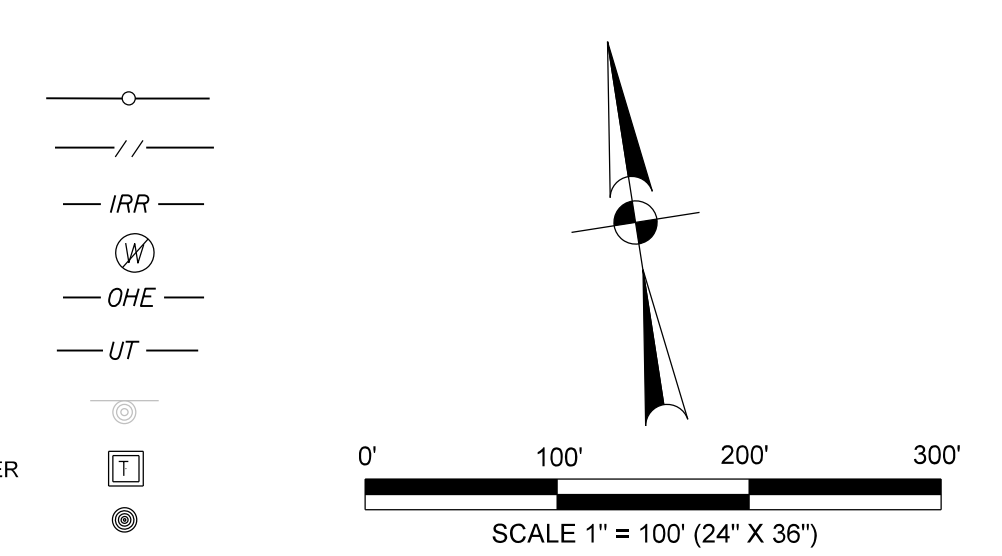
	NAME	ADDRESS	CITY & ZIP	PHONE	FAX
OWNER:	JULIO CERDA	900 S. STEWART RD., STE. 13	MISSION, TEXAS 78572	(956) 584-6555	
ENGINEER:	VICTOR H. TREVIÑO, P.E.	900 S. STEWART RD., STE. 13	MISSION, TEXAS 78572	(956) 424-3335	(956) 424-3132
SURVEYOR:	JUAN E. GALVAN, R.P.L.S.	900 S. STEWART RD., STE. 13	MISSION, TEXAS 78572	(956) 424-3335	(956) 424-3132

**SOUTH TEXAS INFRASTRUCTURE GROUP**  
900 S. STEWART, SUITE 13  
MISSION, TEXAS 78572  
PH: (956) 424-3335  
FAX: (956) 424-3132  
TBPE REG # 1500

**LOT LAYOUT**  
**MALUZ SUBDIVISION**  
BEING ALL OF LOT 33 AND LOT 34, BLOCK 14, TEXAN GARDENS SUBDIVISION, RECORDED IN VOLUME 8, PAGE 57, MAP RECORDS, HIDALGO COUNTY, TEXAS.



- LEGEND:**
- CHAIN LINK FENCE
  - EXIST. WOOD FENCE
  - EXIST. IRRIGATION LINE
  - EXIST. WATER METER
  - OVERHEAD ELECTRIC
  - EXIST. TELEPHONE LINE
  - STREET SIGN
  - EXIST. UTILITY TRANSFORMER
  - EXISTING POWER POLE
  - FOUND IRON ROD, UNLESS OTHERWISE NOTED
  - BENCHMARK



**WATER AND SEWER ENGINEERING REPORT**

**WATER SUPPLY (DESCRIPTION, COST, AND OPERABILITY DATE):**

MALUZ SUBDIVISION WILL BE PROVIDED WITH POTABLE WATER BY AGUA SPECIAL UTILITY DISTRICT (AGUA SUD). THE SUBDIVIDER AND AGUA SUD HAVE ENTERED INTO A CONTRACT IN WHICH AGUA SUD HAS PROMISED TO PROVIDE SUFFICIENT WATER TO THE SUBDIVISION FOR AT LEAST 30 YEARS AND AGUA SUD 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.

MALUZ SUBDIVISION HAS 23 LOTS. AGUA SUD HAS ONE EXISTING WATER LINE RUNNING IN THE WESTERN PALM RD. IT IS A 8" DIAMETER LINE RUNNING THROUGH THE NORTH SIDE OF THE RIGHT-OF-WAY OF WESTERN PALM RD.

MALUZ SUBDIVISION WILL BE CONNECTED TO THE EXISTING WATER SYSTEM ONE WATER GATE VALVE.

WATER DISTRIBUTION FOR MALUZ SUBDIVISION CONSISTS OF EIGHTEEN (18) 1" DIAMETER SINGLE SERVICE SHORT LINES THAT RUN INTO THE LOTS AND SIXTEEN (16) SINGLE SERVICE LONG, THE 1" SINGLE SERVICE LINES AND THE METER BOXES HAVE ALREADY BEEN INSTALLED, AT A TOTAL OF \$ \_\_\_\_\_ OR \$ \_\_\_\_\_ PER LOT. IN ADDITION THE SUBDIVIDER HAS PAID AGUA SUD THE SUM OF \$ \_\_\_\_\_ WHICH COVERS THE \$ \_\_\_\_\_ COST PER LOT AS STATED IN THE 30 YEAR WATER SERVICE AGREEMENT WHICH SUM REPRESENTS THE TOTAL COST OF WATER METER, RIGHTS ACQUISITION FEES, AND ALL MEMBERSHIP OR OTHER FEES ASSOCIATED WITH CONNECTING THE INDIVIDUAL LOTS IN THE SUBDIVISION TO AGUA SUD UPON REQUEST BY THE LOT OWNER, AGUA SUD WILL PROMPTLY INSTALL AT NO CHARGE THE WATER METER FOR THAT LOT. THE SUBDIVIDER HAS INSTALLED THREE (3) FIRE HYDRANTS AT A UNIT COST OF \$ \_\_\_\_\_ FOR A TOTAL COST OF \$ \_\_\_\_\_. THE ENTIRE WATER FACILITIES HAVE BEEN APPROVED AND ACCEPTED BY AGUA SUD AND SAID DISTRIBUTION SYSTEM OPERABLE AS OF THE DATE OF THE RECORDING OF THE PLAT.

**SEWAGE FACILITIES: DESCRIPTION, COSTS, AND OPERABILITY DATE**

SEWAGE FROM MALUZ SUBDIVISION WILL BE TREATED BY INDIVIDUAL ON-SITE SEWAGE FACILITIES ("OSSF") CONSISTING OF A STANDARD DESIGN DUAL COMPARTMENT SEPTIC TANK AND DRAIN FIELD ON LOTS 1 TO 34. THE UNDERSIGNED PROFESSIONAL ENGINEER HAS EVALUATED THE SUITABILITY OF THE SUBDIVISION SITE FOR OSSF AND SUBMITTED A REPORT CONCLUDING 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 REPLACEMENT DRAIN FIELD.

**SOIL EVALUATION REPORT:**

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 AREAS OF THE SUBDIVISION, A TOTAL OF 14 SOIL BORING EXCAVATION WERE PERFORMED. ADDITIONAL BORINGS WERE UNNECESSARY BECAUSE THE SOILS ARE VERY UNIFORM WITHIN THIS LIMIT AREA). THE SOIL IS A UNIFORM SANDY LOAM EXTENDING UP TO 36" BELOW THE BOTTOM OF ANY PROPOSED EXCAVATIONS. THERE IS NO INDICATION OF GROUNDWATER OR A RESTRICTIVE LAYER WITHIN 24" OF BOTTOM OF THE PROPOSED EXCAVATIONS. THE SUBDIVISION DRAINS WELL.

THE COST TO INSTALL A SEPTIC SYSTEM ON AN INDIVIDUAL LOT IS \$ \_\_\_\_\_ INCLUDING THE COST FOR THE REQUIRED PERMIT AND LICENSE. ALL OSSF HAVE BEEN INSTALLED AS OF THE TIME OF APPLICATION FOR FINAL PLAT APPROVAL AT A TOTAL COST \$ \_\_\_\_\_. THE HIDALGO COUNTY HEALTH DEPARTMENT HAS INSPECTED AND APPROVED THE INSTALLATION OF ONE OSSF ON \_\_\_\_/\_\_\_\_/\_\_\_\_.

**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 COSTS TO INSTALL THE WATER AND THE UNCONSTRUCTED 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 \$ \_\_\_\_\_.

SEWAGE FACILITIES- SEPTIC SYSTEM IS ESTIMATED TO COST \$ \_\_\_\_\_.

VICTOR H. TREVINO, P.E.  
LICENSED PROFESSIONAL ENGINEER, TEXAS LIC. NO. 128195

**REPORT DE INGENIERIA DE AGUA Y DRENAJE**

**WATER SUPPLY (DESCRIPCIÓN, GASTOS Y FECHAS DE INICIO):**

LA SUBDIVISION MALUZ RECIBIRÁ SU PROVISIÓN DE AGUA DE AGUA SPECIAL UTILITY DISTRICT (AGUA SUD). EL DUEÑO DE LA SUBDIVISION Y AGUA SUD HAN FIRMADO UN CONTRATO POR EL CUAL LA SUBDIVISION RECIBIRÁ SU PROVISIÓN DE AGUA POR LOS PRÓXIMOS 30 AÑOS. AGUA SUD HA PRESENTADO DOCUMENTACIÓN PARA DEMOSTRAR A LARGO PLAZO LA CANTIDAD Y CALIDAD DE AGUA ACCESIBLE PARA SERVIR EL FUTURO DESARROLLO DE LA SUBDIVISION.

LA SUBDIVISION MALUZ TIENE 23 LOTES. AGUA SUD TIENE UNA LINEA EXISTENTE DE AGUA CORRIENDO SOBRE LA CALLE WESTERN PALM. ES DE 8 PULGADAS DE DIAMETRO Y CORRE SOBRE EL LADO NORTE DE LA CALLE WESTERN PALM.

LA SUBDIVISION MALUZ SERÁ CONECTADA CON UNA VALVULA. LA DISTRIBUCION DE AGUA PARA LA SUBDIVISION MATERMI CONSISTE EN DIECIOCHO (25) SERVICIOS SENCILLOS CORTOS DE 1" DE DIAMETRO QUE CORREN HACIA LOS LOTES Y DIECISEIS (16) SERVICIOS SENCILLOS LARGOS DE 1" DE DIAMETRO. SE HAN INSTALADO YA LA LINEA DE 8", LOS SERVICIOS DE 1" Y LAS CAJAS DE LOS MEDIDORES A UN COSTO TOTAL DE \$ \_\_\_\_\_ O \$ \_\_\_\_\_ POR LOTE. EL DUEÑO/REPRESENTANTE DE LA SUBDIVISION LE HA PAGADO A AGUA SUD LA CANTIDAD DE \$ \_\_\_\_\_ QUE CUBRE EL COSTO DE LOS MEDIDORES (\$ \_\_\_\_\_ POR CADA LOTE). ESTE PRECIO INCLUYE TAMBIEN EL COSTO DE LA INSTALACION DE CADA MEDIDOR Y LOS GASTOS DE CONEXION CUANDO EL DUEÑO DE ALGUNO DE LOS LOTES SOLICITE UN MEDIDOR DE AGUA, AGUA SUD LO INSTALARA SIN COSTO ALGUNO. EL DUEÑO/REPRESENTANTE DE LA SUBDIVISION HA INSTALADO 3 HIDRANTES CONTRA INCENDIO A UN COSTO DE \$ \_\_\_\_\_ POR CADA UNO, LO CUAL REPRESENTA UNA CANTIDAD TOTAL DE \$ \_\_\_\_\_. 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.

**DRENAJE: DESCRIPCIÓN, GASTOS Y FECHA DE INICIO PARA FACILITAR EL DRENAJE PARA LA SUBDIVISION**

SE INSTALARÁ UNA FOSA SÉPTICA EN CADA SOLAR. ESTA FOSA SÉPTICA CONSISTE DE UN TANQUE SÉPTICO DE MODELO DUAL Y DE UN CAMPO DE DRENAJE PARA EL SOLAR. EL INGENIERO AUTOR DE ESTE DOCUMENTO HA EVALUADO EL ÁREA DONDE SE ENCUENTRA LA SUBDIVISION Y HA PREPARADO UN REPORTE QUE CONCLUYE QUE ESTE TERRENO ES ADECUADO PARA ESAS FOSAS SÉPTICAS (OSSF). EL REPORTE FUE APROBADO POR EL DEPARTAMENTO DE SALUBRIDAD DEL CONDADO DE HIDALGO (HIDALGO COUNTY HEALTH DEPARTMENT) SEGUN EL REPORTE.

**REPORT DE EVALUACION DE SUELO:**

CADA LOTE EN LA SUBDIVISION PROPUESTA MIDE MÁS DE MEDIO ACRE. SE HICIERON DOS EXCAVACIONES DE EVALUACION EN LUGARES OPUESTOS DE LA SUBDIVISION, UN TOTAL DE 14 EXCAVACIONES DE EVALUACION FUERON REALIZADAS. (EXCAVACIONES ADICIONALES NO FUERON NECESARIAS PORQUE EL TERRENO EN ESTA AREA ES SIGNIFICANTEMENTE UNIFORME). EL TERRENO ES UNIFORME (TERRENO ARCILLOSO Y SUELO FRANCO) Y SE EXTIENDE A 36 PULGADAS BAJO TODAS LAS EXCAVACIONES PROPUESTAS. NO EXISTE EVIDENCIA DE AGUA 24 PULGADAS MÁS ARRIBA DE LO MÁS BAJO DE LAS EXCAVACIONES PROPUESTAS. EL AGUA EN ÉSTA ÁREA FLUYE BIEN.

EL COSTO TOTAL PARA LA INSTALACION DE UN SISTEMA INDIVIDUAL DE FOSA SÉPTICA ES DE \$ \_\_\_\_\_ DOLARES, INCLUYENDO EL COSTO DEL PERMISO REQUERIDO Y LICENCIA. EN ESTOS MOMENTOS TODAS LAS FOSAS SÉPTICAS HAN SIDO INSTALADAS EN EL PROCESO DE LA APROBACION FINAL A UN COSTO TOTAL DE \$ \_\_\_\_\_. EL DEPARTAMENTO DE SALUBRIDAD DEL CONDADO DE HIDALGO HA INSPECCIONADO Y HA APROBADO LA INSTALACION DE LA FOSA SÉPTICA DESDE \_\_\_\_/\_\_\_\_/2022.

**CERTIFICACION:**

CON MI FIRMA, CERTIFICO QUE LOS SERVICIOS Y SISTEMAS DE AGUA Y DRENAJE, DESCRITOS EN ESTE DOCUMENTO CUMPLEN CON LAS REGLAS GOBERNANDO LAS SUBDIVISIONES, ADOPTADAS EN LA SECCION 16.343 DEL TEXAS WATER CODE (CÓDIGO DE AGUA DE TEXAS). CERTIFICO QUE LOS GASTOS PARA INSTALAR LOS SISTEMAS DE AGUA Y DRENAJE SON:

AGUA- EL SISTEMA/SERVICIO DE AGUA SERÁ REINSTALADO Y COMPLETAMENTE CONSTRUIDO MENOS EL MEDIDOR MECÁNICO DE AGUA QUE COSTARÁ UN TOTAL DE \$ \_\_\_\_\_.

DRENAJE- SE ESTIMA QUE LA FOSA SÉPTICA COSTARÁ \$ \_\_\_\_\_.

VICTOR H. TREVINO, P.E.  
LICENSED PROFESSIONAL ENGINEER, TEXAS LIC. NO. 128195

**SUBDIVIDER CERTIFICATION**

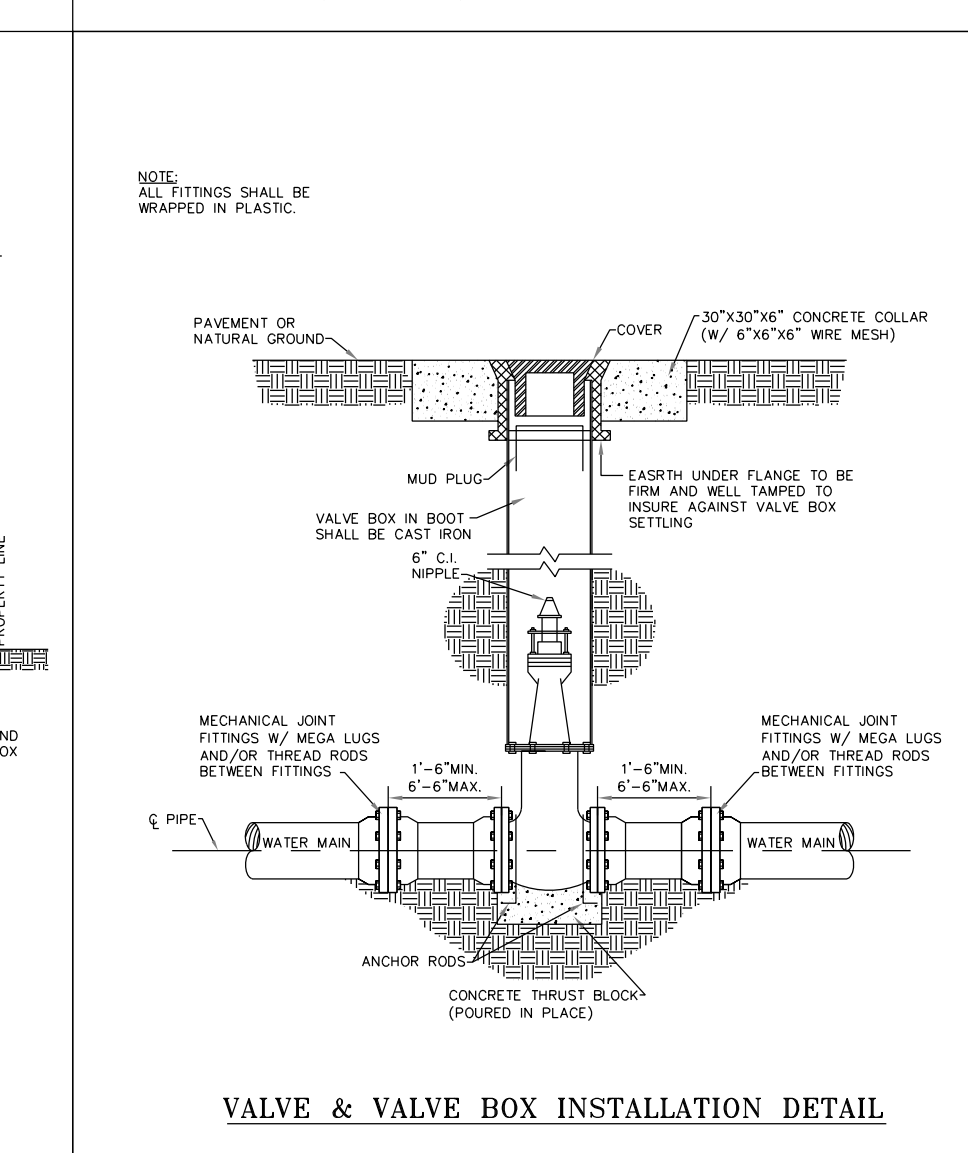
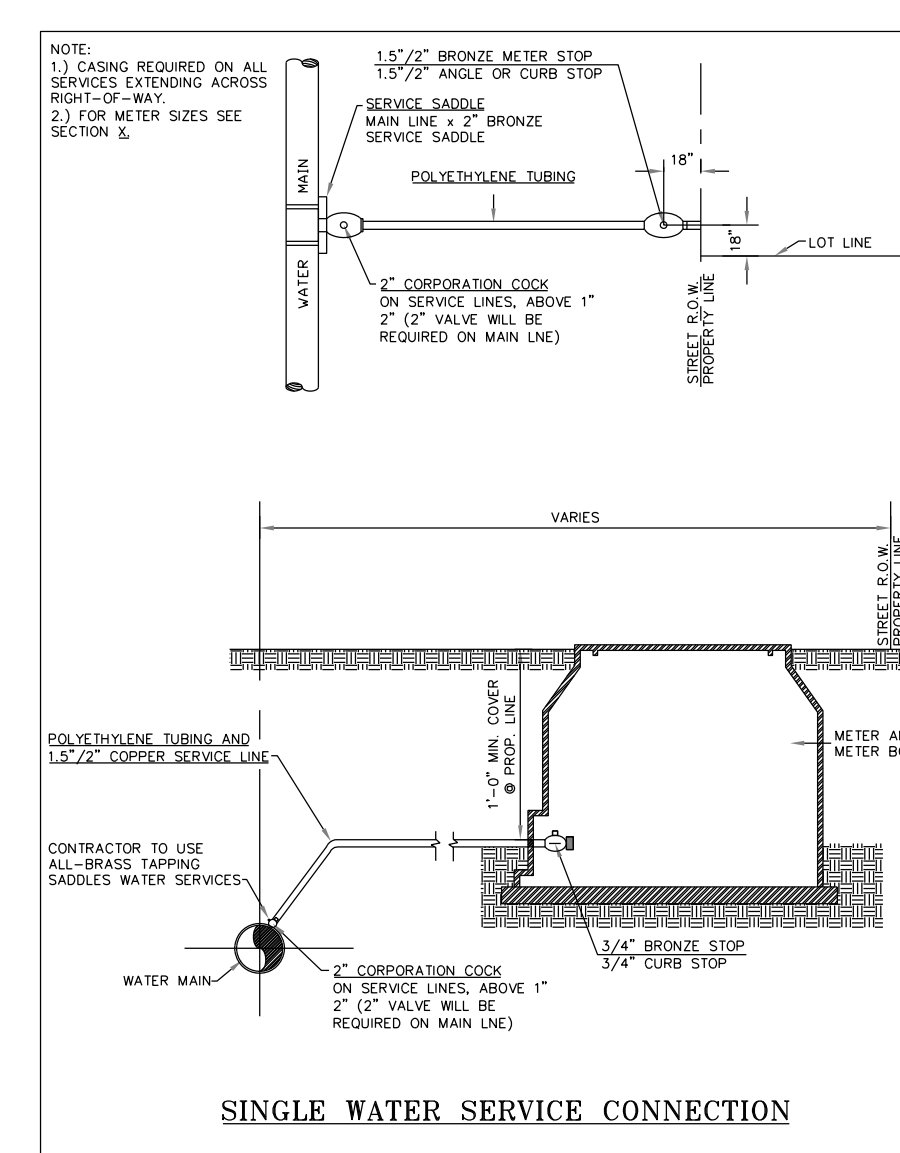
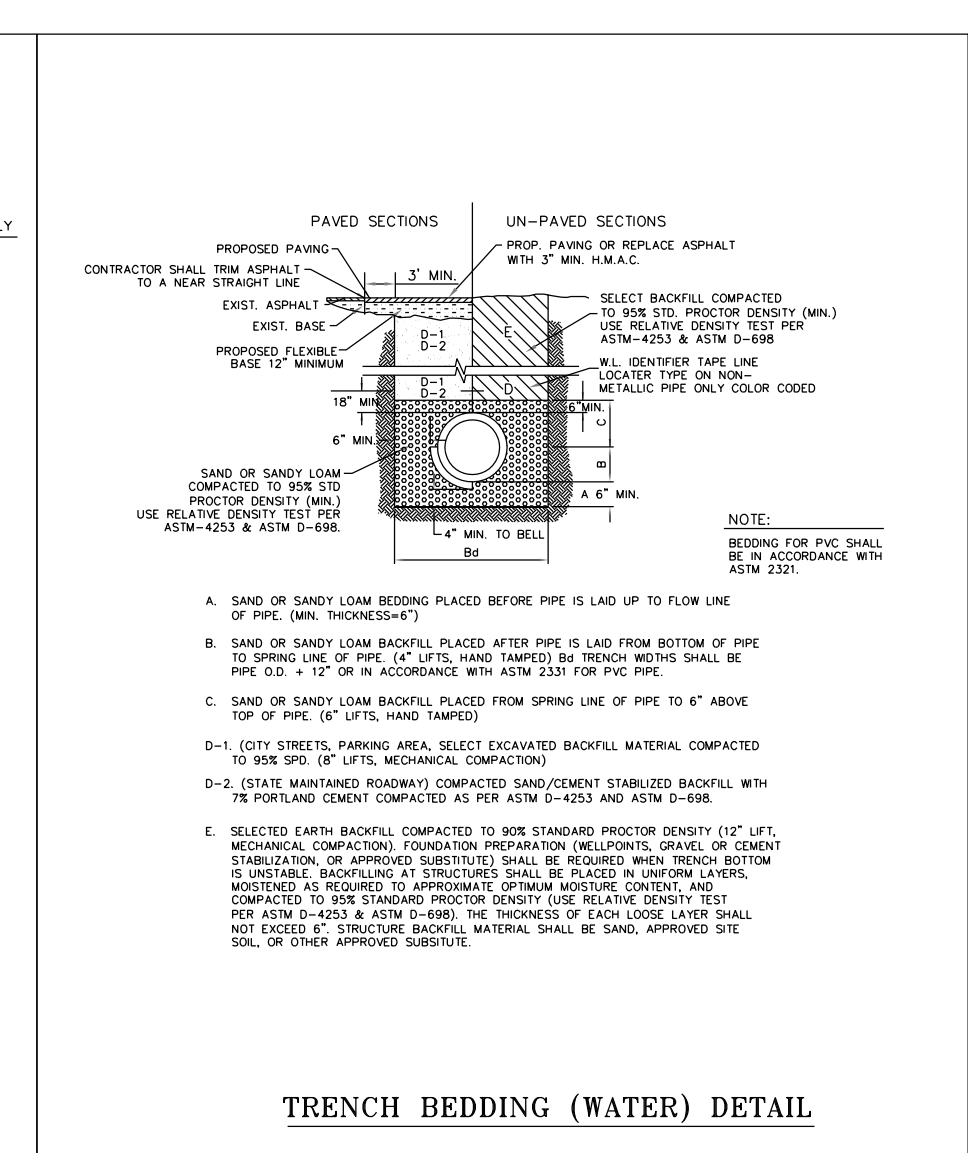
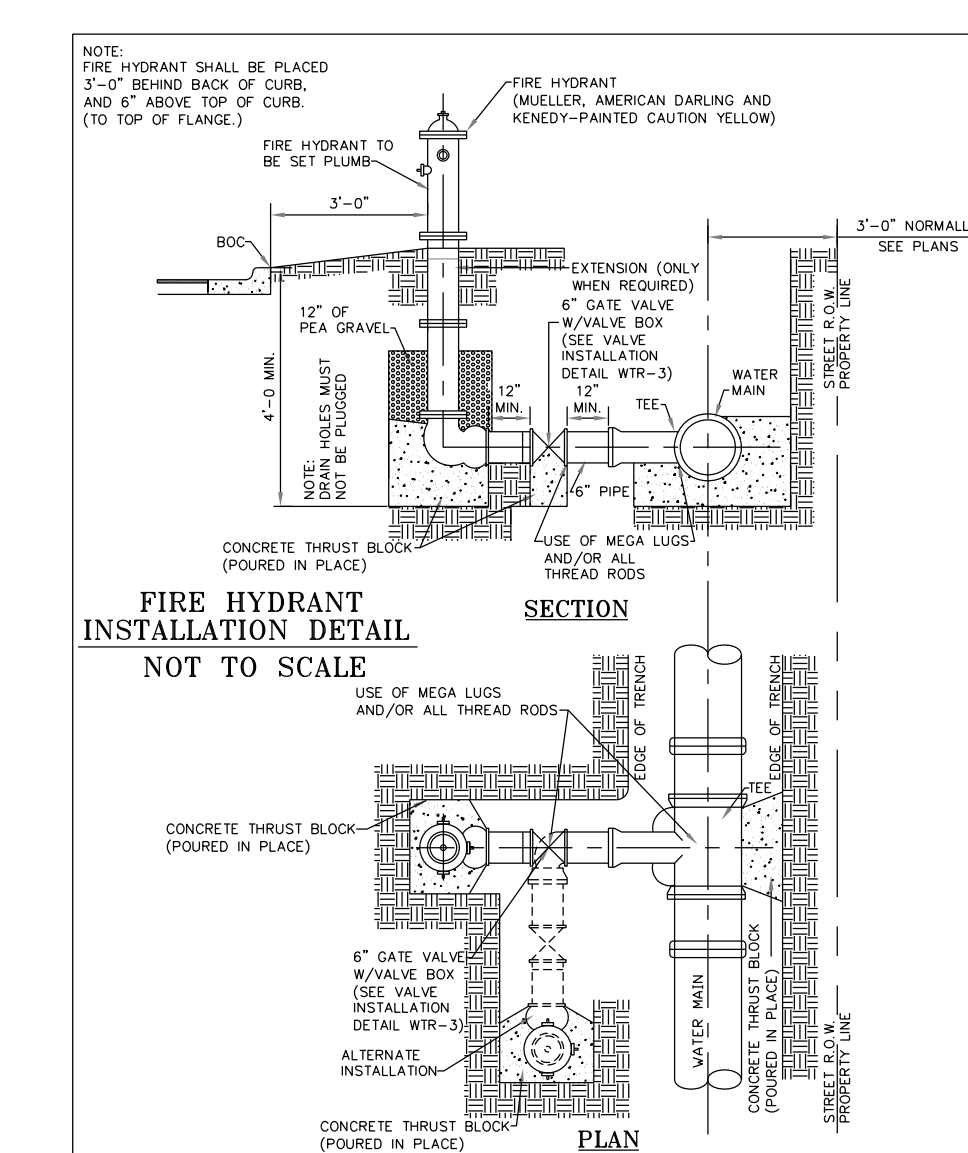
1- BY COMPLETING THE IMPROVEMENTS DESCRIBED ON THE PLAT, SUBDIVIDER WILL COMPLY WITH MINIMUM STATE STANDARDS AND THAT (a) WATER QUALITY AND CONNECTIONS INCLUDING WATER METERS TO THE LOTS MEET SUCH STANDARDS AND (b) SEWER CONNECTIONS TO THE LOTS OR SEPTIC TANKS MEET OR WILL MEET SUCH STANDARDS AND WILL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

**SUBDIVIDER STATEMENT:**

1- I (WE), JULIO CERDA SUBDIVIDER FOR MALUZ SUBDIVISION HEREBY CERTIFY SEWER PERMITS, AS APPLICABLE, HAVE BEEN PAID AND COPIES OF RECEIPTS ARE ON FILE WITH THE HIDALGO COUNTY HEALTH DEPARTMENT AND THAT AN ADEQUATE DRINKING WATER SOURCE IS IMMEDIATELY AVAILABLE TO EACH LOT OF THE TYPE, QUALITY AND QUANTITY TO ENABLE EACH PERSON PURCHASING A LOT HAVE ADEQUATE WATER TO COMPLY WITH THE REGULATIONS AND THE LAWS OF THE STATE AS REQUIRED BY STATE AND COUNTY REGULATIONS

JULIO CERDA \_\_\_\_\_ DATE \_\_\_\_\_

COST ESTIMATE		PRINCIPAL CONTACTS					
WATER DISTRIBUTION: \$ _____		NAME	ADDRESS	CITY & ZIP	PHONE	FAX	
DRAINAGE IMPROVEMENT: \$ _____		OWNER:	JULIO CERDA	900 S. STEWART RD., STE. 13	MISSION, TEXAS 78712	(956) 584-5555	
SEPTIC TANK (OSSF): \$ _____		ENGINEER:	VICTOR H. TREVINO, P.E.	900 S. STEWART RD., STE. 13	MISSION, TEXAS 78712	(956) 424-3335 (956) 424-3132	
FIRE HYDRANT: \$ _____		SURVEYOR:	JUAN E. GALVAN, R.P.L.S.	900 S. STEWART RD., STE. 13	MISSION, TEXAS 78712	(956) 424-3335 (956) 424-3132	
EROSION CONTROL: \$ _____							



**GENERAL NOTES:**

- THROUST BLOCKS DEPEND UPON THE DIRECTION OF THROUST AND TYPE OF FITTING.
- THROUST BLOCK CALCULATIONS ARE BASED ON A WATER LINE PRESSURE OF 150 P.S.I. AND AN ALLOWABLE SOIL BEARING VALUE OF 2,000 POUNDS PER SQUARE FOOT. COLORADO SHIELD HANGERS EQUAL TO LARGER THAN 48".
- 1" ANGLES SHALL BE EQUAL TO OR LARGER THAN 45".
- ALL FITTINGS TO BE WRAPPED IN PLASTIC.

PIPE DIA.	12" COVER	18" COVER	24" COVER	30" COVER	36" COVER	42" COVER
1/2"	1.00	1.00	1.00	1.00	1.00	1.00
3/4"	1.00	1.00	1.00	1.00	1.00	1.00
1"	1.00	1.00	1.00	1.00	1.00	1.00
1 1/2"	1.00	1.00	1.00	1.00	1.00	1.00
2"	1.00	1.00	1.00	1.00	1.00	1.00
2 1/2"	1.00	1.00	1.00	1.00	1.00	1.00
3"	1.00	1.00	1.00	1.00	1.00	1.00
4"	1.00	1.00	1.00	1.00	1.00	1.00
6"	1.00	1.00	1.00	1.00	1.00	1.00
8"	1.00	1.00	1.00	1.00	1.00	1.00
10"	1.00	1.00	1.00	1.00	1.00	1.00
12"	1.00	1.00	1.00	1.00	1.00	1.00

**TABLE OF CASING SIZES**

NOMINAL PIPE SIZE	CASING SIZE	MINIMUM WALL THICKNESS
18"	24"	0.25"

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

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

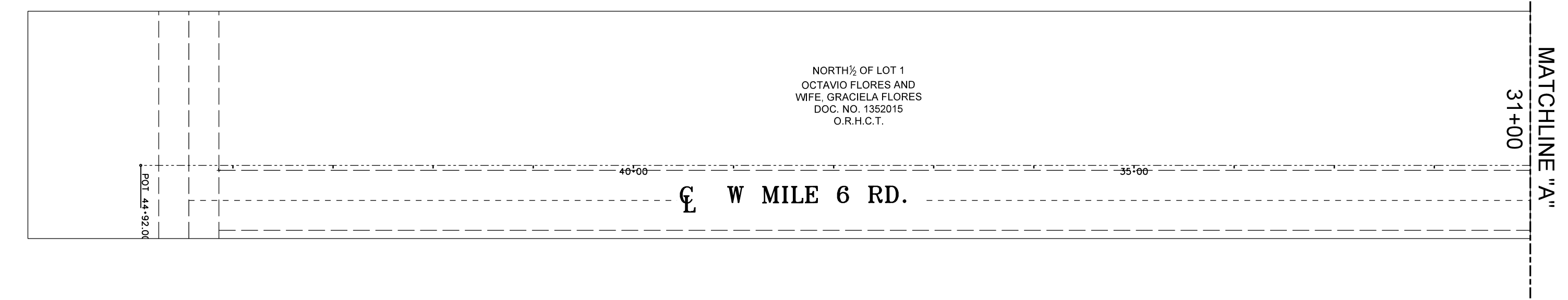
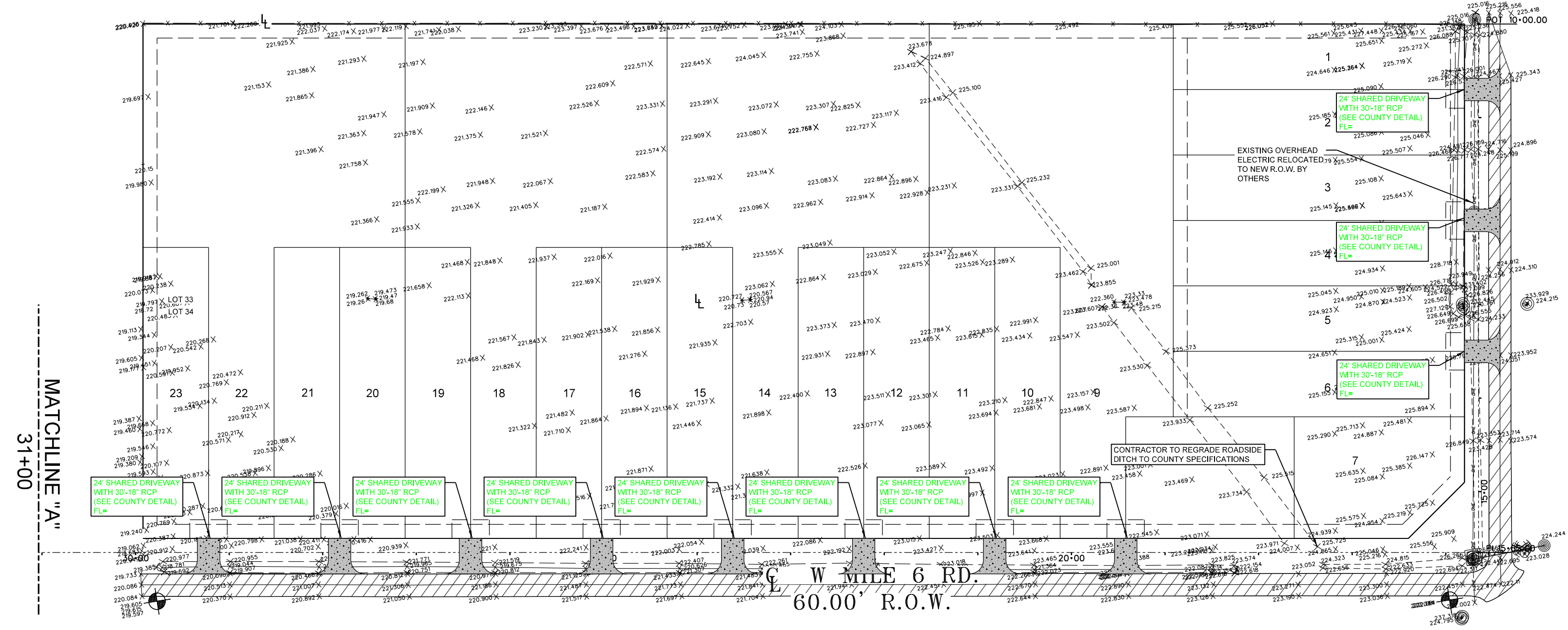
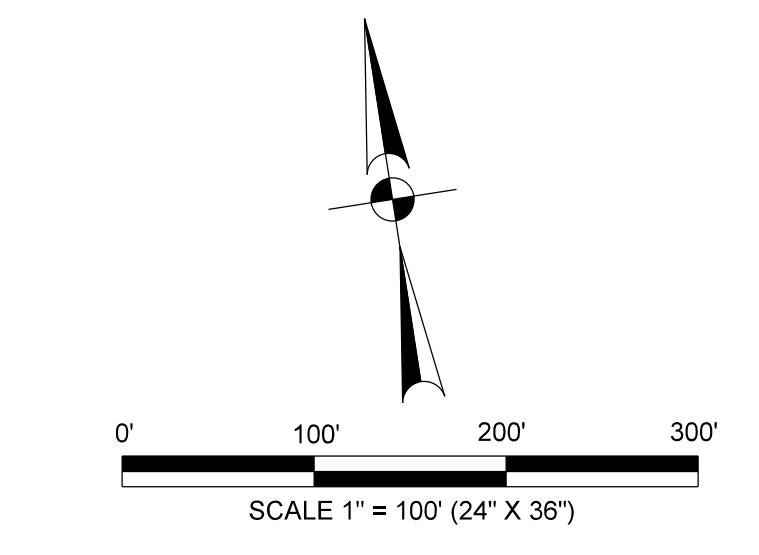
**UTILITY LAYOUT**  
**MALUZ SUBDIVISION**

BEING ALL OF LOT 33 AND LOT 34, BLOCK 14, TEXAN GARDENS SUBDIVISION, RECORDED IN VOLUME 8, PAGE 57, MAP RECORDS, HIDALGO COUNTY, TEXAS.

**SOUTH TEXAS INFRASTRUCTURE GROUP**  
900 S. STEWART, SUITE 13  
MISSION, TEXAS 78712  
PH: (956) 424-3335  
FAX: (956) 424-3132  
TBPE REG # 1500

**LEGEND:**

- CHAIN LINK FENCE
- EXIST. WOOD FENCE
- EXIST. IRRIGATION LINE
- EXIST. WATER METER
- OVERHEAD ELECTRIC
- EXIST. TELEPHONE LINE
- STREET SIGN
- EXIST. UTILITY TRANSFORMER
- EXISTING POWER POLE
- FOUND IRON ROD, UNLESS OTHERWISE NOTED
- BENCHMARK



**PROJECT LOCATION**  
 Maluz Subdivision is a proposed 25 Lot Single Family Residential subdivision located within the City of Mission jurisdiction. Being a All of Lots Thirty-Three (33) and Thirty-Four (34), Block Fourteen (14), Texan Gardens Subdivision, according to the map or plat thereof recorded in Volume 8, Pages 57 and 58, Map Records, Hidalgo County, Texas.

**FLOOD PLAIN**  
 The property is in zone "X" and zone "A". Zone "X" are areas of 500-year flood; Community Panel No. 480334 0290 D, revised June 06, 2000, and Zone "A" are areas of no base flood elevations determined. Based on Lidar and topography data from the site, we have determined that the Base Flood Elevation for this Zone "A" on this specific property is \_\_\_\_\_ Property has been taken out the flood zone with LOMR Case No. \_\_\_\_\_

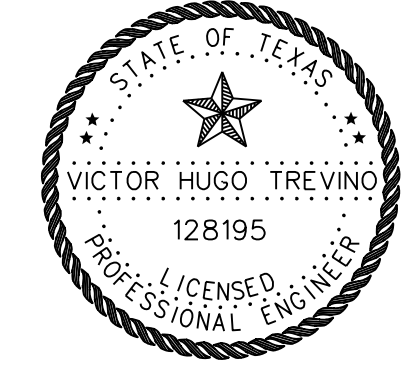
**SOIL CONDITIONS**  
 According to the Soil Survey Report prepared for Hidalgo County by the U.S.D.A. Soil Conservation Service, the site consists of 1.8 % of Brennan fine sandy loam (3), with 0 to 1 percent slope, and 98.2% of Hidalgo fine sandy loam, with 0 to 1 percent slopes. These soils are well drained, surface runoff is negligible, permeability is moderately high to high, and the water capacity is high. This soils are listed in Hydrologic Group B. See Appendix C.

**EXISTING CONDITIONS**  
 The subject property is currently undeveloped. Topographic elevations obtained from the site indicate that the existing terrain has a slight grade towards the Northeast corner of the property. In accordance with the Drainage policies of the City of Mission and County of Hidalgo, the Rational Method, 10-year frequency storm event was utilized to determine the existing storm water runoff for this site. The total contributing 10-year existing storm water runoff from this site is approximately 22.22 cfs.

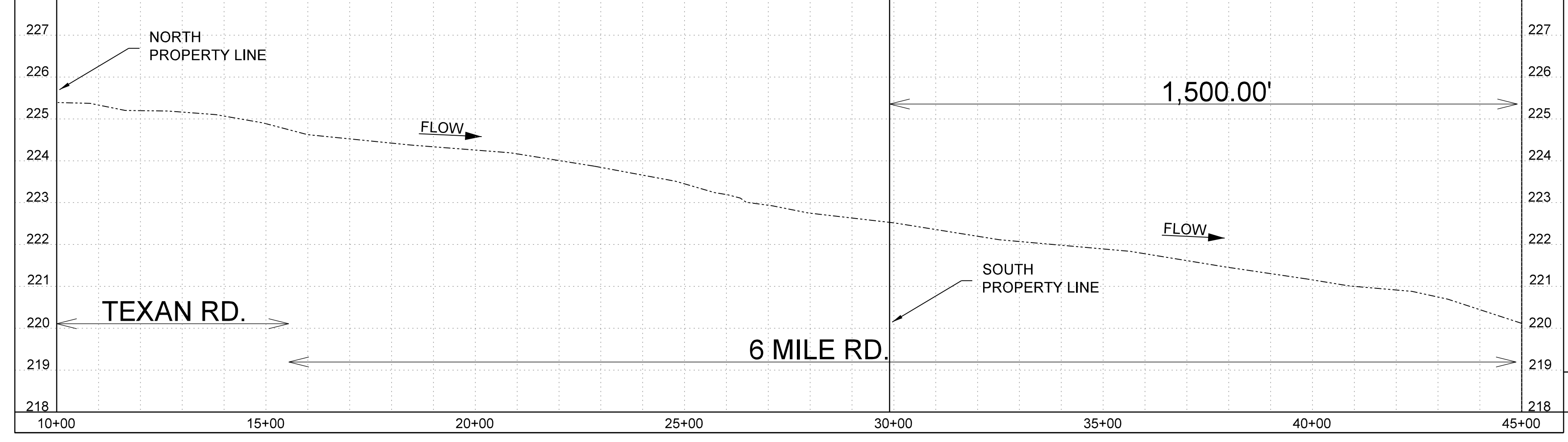
**PROPOSED CONDITIONS**  
 In accordance with the City of Mission and County of Hidalgo Drainage Policy, the peak rate for runoff for this development will be mitigated to the proposed 50-year storm water runoff. As per attached calculations, the peak rate will be 50.78 cfs, which will give us a net increase of 28.05 cfs. For proposed Maluz Subdivision, we have calculated that approximately a total of 25,800 cft or 0.823 acre-ft, will need to be detained in the green areas of the proposed lots and by re-grading and excavating the existing roadside ditch along the frontage of the property (6 Mile Rd.).

VICTOR H. TRIVINO, P.E.  
 LICENSED PROFESSIONAL ENGINEER, TEXAS LIC. NO. 128195

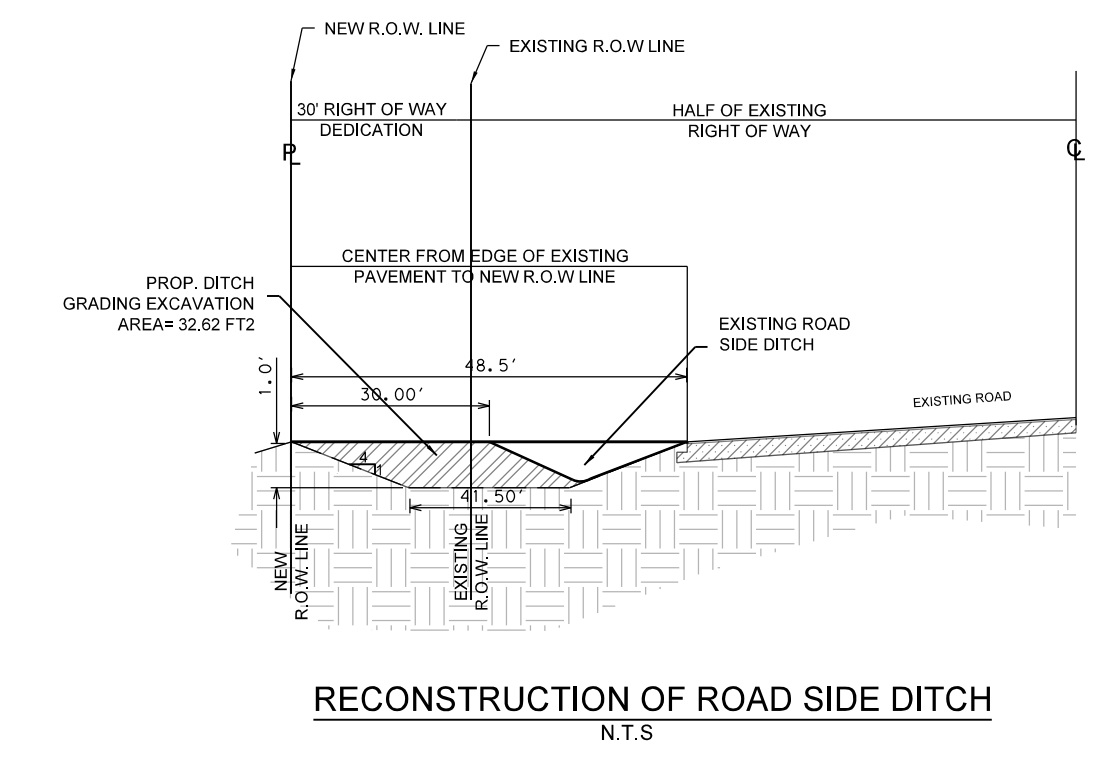
DATE \_\_\_\_\_



**ROAD SIDE DITCH PROFILE**



SCALE:  
 HOR: = 1" = 100'  
 VER: = 1" = 50'



COST ESTIMATE		PRINCIPAL CONTACTS					SOUTH TEXAS INFRASTRUCTURE GROUP 900 S. STEWART, SUITE 13 MISSION, TEXAS 78572 PH: (956) 424-3335 FAX: (956) 424-3132 TBPE REG # 1500
WATER DISTRIBUTION: \$ _____	DRAINAGE IMPROVEMENT: \$ _____	OWNER:	NAME	ADDRESS	CITY & ZIP	PHONE	
PAVING IMPROVEMENT: \$ _____	SEPTIC TANK (OSSF): \$ _____	ENGINEER:	VICTOR H. TRIVINO, P.E.	900 S. STEWART RD., STE. 13	MISSION, TEXAS 78572	(956) 424-3335	(956) 424-3132
FIRE HYDRANT: \$ _____	EROSION CONTROL: \$ _____	SURVEYOR:	JUAN E. GALVAN, R.P.L.S.	900 S. STEWART RD., STE. 13	MISSION, TEXAS 78572	(956) 424-3335	(956) 424-3132

**UTILITY LAYOUT**  
**MALUZ SUBDIVISION**  
 BEING ALL OF LOT 33 AND LOT 34, BLOCK 14, TEXAN GARDENS SUBDIVISION, RECORDED IN VOLUME 8, PAGE 57, MAP RECORDS, HIDALGO COUNTY, TEXAS.