



Anthony Uresti
Director of Planning

HIDALGO COUNTY PLANNING DEPARTMENT

2818 S. BUSINESS HWY 281
EDINBURG TEXAS 78539
Tel. 956-318-2840

HIDALGO COUNTY COMMISSIONERS COURT MEETING

DATE: 9-03-2024

PROPOSED CHESTNUT SUBDIVISION, PRECINCT No. 1.

ENGINEER: ROBLES ENGINEERING, LLC. DEVELOPER: DIANA GUZMAN

PRELIMINARY APPROVAL FINAL APPROVAL FINAL APPROVAL WITH FINANCIAL GUARANTEE WITH VARIANCE

NUMBER OF LOTS: 2 *SINGLE FAMILY *MULTI-FAMILY COMMERCIAL INSTITUTIONAL

NUMBER OF STREETLIGHTS: N/A

FILLING STATIONS: N/A

LOCATION DESCRIPTION: WEST OF FM 491 APPROXIMATELY ¼ OF A MILE SOUTH OF MILE 4 NORTH ROAD.

SUBDIVISION LIES WITHIN THE: ETJ OF MERCEDES

DRAINAGE REPORT WAS APPROVED BY HCDD#1: ON 8-12-2022 PROPERTY LIES WITHIN FLOOD ZONE "C" AS PER FEMA.

DRAINAGE DESIGN: DRAINAGE WILL BE PROVIDED BY NATURAL PERCULATION AND SURFACE RUNOFF WILL DRAIN INTO FM 491 ROAD SIDE DITCH.

ROAD R.O.W. DEDICATION: 20.0 FEET ONTO FM 491.

H.C.R.O.W. FINAL APPROVAL DATE: 7-01-2024 BY, PRECINCT 1 R.O.W. AGENT

H.C.H.D. FINAL APPROVAL DATE: 7-10-2024 BY, ENVIRONMENTAL HEALTH DIVISION MANAGER

SEWER SYSTEM: OSSF'S (1 EXISTING AND 1 ESCROWED)

WATER SERVICE PROVIDER: MHWSC LINE SIZE: 4" LOCATION: FM 491.

H.C.E.O.C. FINAL APPROVAL DATE: 7-09-2024 : 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: \$1,996.50 For: ([1] OSSF & DRAINAGE IMPROVEMENTS)**

PRELIMINARY APPROVAL FROM THE
HIDALGO COUNTY COMMISSIONERS COURT ON: DECEMBER 20, 2022

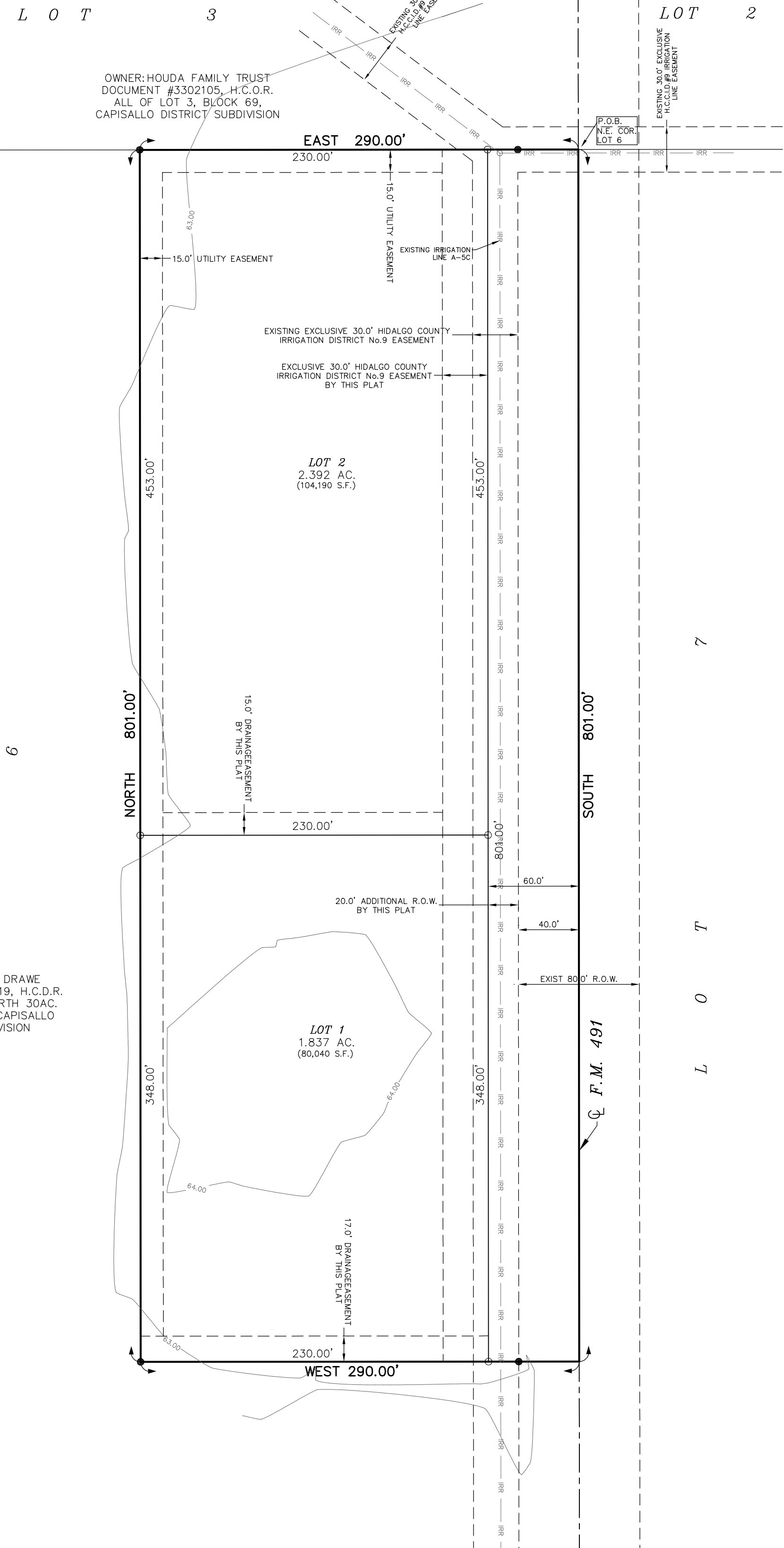
STAFF RECOMMENDS: **Preliminary Approval** subject to comments and future recommendations by planning, other departments and the approval of the City of MERCEDES.

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.

- LEGEND**
- Found 1/2" iron rod
 - Set 1/2" iron rod with a plastic cap stamped "R&A"
 - ▲ Found cotton picker spindle
 - ▲ Set cotton picker spindle
 - Monument set in concrete

SCALE: 1"=60'



OWNER: BEVERLY DRAWE
VOLUME 1421, PAGE 19, H.C.O.R.
RESIDUE OF THE NORTH 30AC,
LOT 6, BLOCK 69, CAPISALLO
DISTRICT SUBDIVISION

OWNER: HOUDA FAMILY TRUST
DOCUMENT #3302105, H.C.O.R.
ALL OF LOT 3, BLOCK 69,
CAPISALLO DISTRICT SUBDIVISION

NAME	ADDRESS	PHONE
OWNER:	DIANA GUZMAN	4649 FM 491, MERCEDES, TX (956) 475-5212
SURVEYOR:	REYNALDO ROBLES	PO BOX 476, WESLACO, TX 78599 (956) 968-2422
ENGINEER:	REYNALDO ROBLES, JR.	PO BOX 476, WESLACO, TX 78599 (956) 968-2422

GENERAL SUBDIVISION PLAT NOTES

- FLOOD ZONE STATEMENT:** FLOOD ZONE DESIGNATION: ZONE "C", AREAS OF MINIMAL FLOODING.
- SETBACKS:**
FRONT: 50.00 FEET;
REAR: 15.00 FEET OR EASEMENT, WHICHEVER IS GREATER
SIDE: 6.00 FEET OR EASEMENT WHICHEVER IS GREATER
CORNER SIDE: 20.00 FEET OR EASEMENT WHICHEVER IS GREATER
- NO MORE THAN ONE-SINGLE FAMILY DETACHED DWELLING SHALL BE LOCATED ON EACH LOT. THIS MUST BE STIPULATED ON ALL DEEDS AND CONTRACTS FOR DEEDS. (ANY OTHER USE SHALL REQUIRE PLANNING DEPARTMENT, OFFICE OF ENVIRONMENTAL COMPLIANCE, HEALTH DEPARTMENT AND FIRE MARSHALL APPROVAL). APPLICATIONS FOR CONSTRUCTION ARE REQUIRED PRIOR TO OCCUPANCY OF THE LOT.
- MINIMUM FINISHED FLOOR ELEVATION SHALL BE 18" ABOVE THE CENTER LINE OF STREET OR 18" ABOVE NATURAL GROUND (MIN. 64.50), WHICHEVER IS GREATER. ELEVATION CERTIFICATE MAY BE REQUIRED FOR LOTS 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 A DEVELOPMENT PERMIT APPLICATION.
- BENCHMARK: ELEV. 63.55; 1/2-INCH IRON ROD FOUND ON THE WEST RIGHT-OF-WAY OF FM 491 ON THE SOUTH LINE OF THIS SUBDIVISION.
- IN ACCORDANCE WITH THE HIDALGO COUNTY DRAINAGE DISTRICT NO. 1 AND HIDALGO COUNTY REQUIREMENTS, THIS DEVELOPMENT WILL BE REQUIRED TO DETAIN A TOTAL OF 12,642 CUBIC-FEET (0.290 ACRE-FEET) OF STORM WATER RUNOFF. DRAINAGE RETENTION IN ACCORDANCE WITH THE LOCAL REQUIREMENTS WILL BE ACCOMPLISHED AS FOLLOWS: DRAINAGE FOR THIS DEVELOPMENT WILL BE DETAINED WITHIN NATURAL LOW AREAS THEN OVERFLOW IN TO THE REGRADED ROADSIDE DITCH.
- 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.
- 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.
- 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.
- 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 SEWERAGE 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 HAVE BEEN SUBMITTED TO THE AUTHORIZED HIDALGO COUNTY DEPARTMENT AND THE RESULTS 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 A LOT.
- THERE ARE NO WATER WELLS WITHIN 150 FEET FROM THE BOUNDARIES ON THIS SUBDIVISION.
- A SPECIAL DESIGN IS REQUIRED FOR ALL OSSF SYSTEMS LOCATED WITHIN A DESIGNATED FLOOD ZONE. THE DESIGN SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING ITEMS:
1. ANCHORING OF SEPTIC TANK(S)
2. BACK FLOW VALVES
3. SEPTIC TANK COVER SHALL BE ABLE TO SEAL.
- THE PURCHASER OF EACH LOT SHALL BE RESPONSIBLE FOR INSTALLING DRIVEWAY CULVERT OF REINFORCED CONCRETE PIPE OF NO LESS THAN 15 INCHES IN DIAMETER AND 24 FEET IN LENGTH.
- THE OWNER AND SUBDIVIDER OF THIS SUBDIVISION, DIANA GUZMAN, RETAINS A BLANKET EASEMENT UPON EACH LOT FOR THE PURPOSE OF INSTALLING AN APPROVED OSSF ON THE LOT AS DESCRIBED ON SHEET 2 OF THIS PLAT.
- 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.
- THE DEVELOPER SHALL BE RESPONSIBLE FOR DETAING 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.
- SEPTIC TANKS SHALL BE INSTALLED PRIOR TO PLAT RECORDING.
- AN OFF-STREET PARKING LOT SITE PLAN & DRAINAGE PLAN APPROVED BY THE HIDALGO COUNTY PLANNING DEPARTMENT AND THE OFFICE OF ENVIRONMENTAL COMPLIANCE SHALL BE REQUIRED FOR COMMERCIAL 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.
- ANY ADDITION TO THE EXISTING HOME MUST COMPLY WITH BUILDING SETBACK LINES.
- ROADSIDE DITCH SHALL BE KEPT CLEAR OF ALL OBSTRUCTIONS THAT WOULD INTERFERE WITH THE OPERATION OF THE DRAINAGE. HIDALGO COUNTY PCT.1 SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE COUNTY ROADSIDE DITCH.
- EXISTING IRRIGATION LINE TO BE REROUTED/RELOCATED AT TIME OF ROAD EXPANSION BY HIDALGO COUNTY/TX DOT EXPENSE INTO DEDICATED EXCLUSIVE HCCID# IRRIGATION EASEMENT.

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

WE THE UNDERSIGNED CERTIFY THAT THIS PLAT OF CHESTNUT SUBDIVISION WAS REVIEWED AND APPROVED BY THE

HIDALGO COUNTY COMMISSIONERS COURT ON _____ 20____

HIDALGO COUNTY JUDGE _____ DATE _____
ATTEST: _____ HIDALGO COUNTY CLERK _____ DATE _____

REVISION NOTES:

NO.	SHEET	REVISION	DATE	APPROVED

CHESTNUT SUBDIVISION

BEING A SUBDIVISION OF 5.33 ACRES OF LAND OUT OF LOT 6, BLOCK 69, CAPISALLO DISTRICT SUBDIVISION OUT OF THE LLANO GRANDE GRANT, HIDALGO COUNTY, TEXAS, AS PER MAP RECORDED IN VOLUME P, PAGE 226 OF THE HIDALGO COUNTY DEED RECORDS

METES AND BOUNDS DESCRIPTION

Being 5.33 acres of land situated in Hidalgo County, Texas and being out of Lot 6, Block 69, Capisallo District Subdivision out of the Llano Grande Grant, as per map recorded in Volume P, Page 226 of the Hidalgo County Deed Records and said 5.33 acre tract being more particularly described by metes and bounds as follows:

BEGINNING at a point for the northeast corner of said Lot 6 and the center line of FM 491 for the northeast corner of said tract herein described;

THENCE, SOUTH, 801.00 feet with the east line of said Lot 6, the west line of Lot 7 and the center line of said FM 491 to a point for the southeast corner of said tract herein described;

THENCE, WEST, with a line parallel to the north line of said Lot 6, passing at a distance of 40.00 feet a 1/2-inch iron rod found on the west right of way line of said FM 491, and continuing for a total distance of 290.00 feet to a 1/2-inch iron rod found for the southwest corner of said tract herein described;

THENCE, NORTH, 801.00 feet with a line that is parallel to the east line of said Lot 6 to a 1/2-inch iron rod found on the north line of said Lot 6 for the northwest corner of said tract herein described;

THENCE, EAST, with the north line of said Lot 6 and the south line of Lot 3, passing at a distance of 250.00 feet a 1/2-inch iron rod found for reference on the west right-of-way line of said FM 491 and continuing for a total distance of 290.00 feet to the POINT OF BEGINNING and containing 5.33 acres of land more or less.

STATE OF TEXAS
HIDALGO COUNTY

OWNER'S DEDICATION, CERTIFICATION, AND ATTESTATION:

I (WE), DIANA GUZMAN, THE UNDERSIGNED, OWNER(S) OF THE 5.33 ACRE TRACT OF LAND ENCOMPASSED WITHIN THE PROPOSED "CHESTNUT SUBDIVISION" HEREBY SUBDIVIDE THE LAND AS DEPICTED IN THIS SUBDIVISION PLAT AND DEDICATE THE PUBLIC USE THE STREETS, PARKS 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 MEETS OR WILL MEET THE MINIMUM STATE STANDARDS;
(B) SEWER CONNECTION 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 MINIMUM STATE STANDARDS; AND
(D) GAS CONNECTIONS, IF AVAILABLE, PROVIDED TO THE LOTS MEET OR WILL MEET THE MINIMUM STATE STANDARDS.

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

OWNER: DIANA GUZMAN _____ DATE _____
ADDRESS: 4649 FM 491
MERCEDES, TEXAS

STATE OF TEXAS
HIDALGO COUNTY

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

GIVEN UNDER MY HAND AND SEAL OF OFFICE, THIS _____ DAY OF _____, 20____

NOTARY PUBLIC, FOR THE STATE OF TEXAS

HIDALGO COUNTY
CERTIFICATE OF PLAT APPROVAL

I THE UNDERSIGNED CERTIFY THAT THIS PLAT OF CHESTNUT SUBDIVISION WAS REVIEWED AND APPROVED BY THE HIDALGO COUNTY HEALTH DEPARTMENT ON _____ 20____

HIDALGO COUNTY ENVIRONMENTAL _____ DATE _____
HEALTH DIVISION MANAGER

CERTIFICATION BY THE IRRIGATION DISTRICT

This plat is approved by Hidalgo and Cameron Counties Irrigation District No.9

Dated this _____ day of _____, 20____

- No improvements of any kind shall be placed upon Hidalgo and Cameron Counties Irrigation District No. 9 Right-of-Ways and/or Easements without the expressed written permission of HCCID #9.
- It is understood that the rate of flow of Storm Water for the development will be no greater than the rate of flow of Storm Water when the land was in agricultural use.
- HCCID #9 will not be responsible for the storm/drainage water system to any lot with in this subdivision. As well, HCCID #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 Districts Expense.
- HCCID #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.
- HCCID #9 Exclusive Easements shall be kept clear of buildings, sheds, fences, shrubs, trees, and other plantings and other obstructions that would interfere with the operations and maintenance of the easement.

General Manager
Hidalgo & Cameron Counties Irrigation District No. 9

JOB No. 163-22
DATE: 5-26-22
DRAWN BY: JR

ROBLES ENGINEERING, LLC
FIRM NO. F-17391
P.O. BOX 476
107 W. HURSHADE ST.
WESLACO, TEXAS 78596
PHONE (956) 968-2422
FAX (956) 969-2011

ROBLES & ASSOCIATES, PLLC
PROFESSIONAL LAND SURVEYORS
P.O. BOX 476
107 W. HURSHADE ST.
WESLACO, TEXAS 78596
PHONE (956) 968-2422
FAX (956) 969-2011
FIRM NO. 10066700



CHESTNUT SUBDIVISION

LOCATION MAP
(SCALE: 1" = 1,000')

SUBDIVISION LOCATION DESCRIPTION

CHESTNUT SUBDIVISION IS LOCATED WITHIN HIDALGO COUNTY PRECINCT NO.1 ON THE WEST SIDE OF FM 491 AND APPROXIMATELY 2 MILE SOUTH OF MILE 4 NORTH ROAD. THE ONLY NEARBY MUNICIPALITY IS THE CITY OF MERCEDES. THIS SUBDIVISION LIES SOUTH OF THE CITY LIMITS OF MERCEDES AND ACCORDING TO THE DOES NOT LIE WITHIN THE CITY'S 2 MILE EXTRA TERRITORIAL JURISDICTION (ETJ) UNDER LOCAL GOVERNMENT CODE §42.021.

APPROVED BY THE 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 CODES § 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. _____ DATE _____
GENERAL MANAGER

STATE OF TEXAS
HIDALGO COUNTY

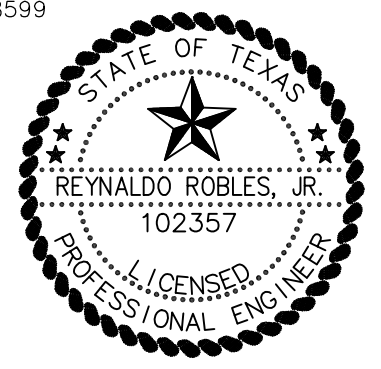
I THE UNDERSIGNED, REYNALDO ROBLES, A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF TEXAS HEREBY CERTIFY THAT THIS PLAT IS TRUE AND WAS CORRECTLY MADE AND PREPARED FROM AN ACTUAL SURVEY OF THE PROPERTY MADE UNDER MY SUPERVISION ON THE GROUND.

REYNALDO ROBLES _____ DATE _____
R.P.L.S.#4032
PO BOX 476
WESLACO, TX, 78599

STATE OF TEXAS
HIDALGO COUNTY

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

REYNALDO ROBLES, JR. _____ DATE _____
LICENSED PROFESSIONAL ENGINEER #102357
PO BOX 476
WESLACO, TX, 78599



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

INDEX TO SHEETS OF CHESTNUT SUBDIVISION

SHEET #	DESCRIPTION
SHEET 1	LOCATION MAP AND ETJ; 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 CLERK'S RECORDING CERTIFICATE; HIDALGO COUNTY CERTIFICATE OF PLAT APPROVAL; DESCRIPTION OF LOCATION OF SUBDIVISION WITH RESPECT TO THE ETJ OF A MUNICIPALITY AND DESIGNATE THE PRECINCT THE PROJECT IS SITUATED; H.C.O.D. CERTIFICATE OF APPROVAL; H.C.H.D. CERTIFICATION; REVISION NOTES.
SHEET 2	WATER DISTRIBUTION AND SANITARY SEWER (OSSF) MAP; ENGINEERING REPORT (ENGLISH AND SPANISH VERSION), INCLUDING DESCRIPTION OF WATER AND WASTE WATER (OSSF) AND ENGINEER'S CERTIFICATION (ENGLISH AND SPANISH VERSION) TYPICAL WATER SERVICE CONNECTION; SUBDIVIDER CERTIFICATE AND STATEMENT, 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

CHESTNUT SUBDIVISION

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FINAL WATER AND SEWER ENGINEERING REPORT

WATER SUPPLY: DESCRIPTION, COST, AND OPERABILITY DATE: THIS SUBDIVISION WILL BE PROVIDED WITH POTABLE WATER BY THE MILITARY HIGHWAY WATER SUPPLY CORPORATION (MHWSC). THE SUBDIVIDER AND NAWSC HAVE ENTERED INTO A CONTRACT WHICH MHWSC HAS PROMISED TO PROVIDE SUFFICIENT WATER TO THE SUBDIVISION FOR AT LEAST 30 YEARS AND MHWSC 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.

MHWSC HAS AN EXISTING 4" DIAMETER WATER LINE RUNNING ALONG THE WEST SIDE OF F.M. 491.

WATER DISTRIBUTION FOR THIS SUBDIVISION CONSISTS OF AN EXISTING 3/4" SERVICE TO THE EXISTING 4" WATERLINE FOR LOT 2 AND A NEW 3/4" SERVICE CONNECTION TO THE EXISTING 4" WATERLINE FOR LOT 1. THE METER BOX WILL BE INSTALLED BY MHWSC. AT A TOTAL COST OF \$1,500.00. IN ADDITION, THE SUBDIVIDER HAS PAID MHWSC THE SUM OF \$1,432.00, 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. UPON RECEIPT BY THE LOT OWNER, NAWSC WILL PROMPTLY INSTALL, AT NO CHARGE, THE WATER METER FOR THAT LOT. THE EXISTING WATER FACILITIES HAVE BEEN APPROVED AND ACCEPTED BY NAWSC AND SAID DISTRIBUTION SYSTEM IS OPERABLE AS OF THE DATE OF THE RECORDING OF THE PLAT.

SEWAGE FACILITIES DESCRIPTION, COST AND OPERABILITY DATES

SEWAGE FROM THIS SUBDIVISION WILL BE TREATED BY INDIVIDUAL ON-SITE SEWAGE FACILITIES ("OSSF") CONSISTING OF A STANDARD DESIGN DUAL COMPARTMENT SEPTIC TANK AND A DRAIN FIELD ON EACH LOT. THE SITE EVALUATOR JOSE ANGEL GONZALEZ, LICENSE NO.0512258, 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 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 CLAY LOAM SOIL FOR THE AREA. AT LEAST TWO SOIL EXCAVATIONS WERE PERFORMED ON THE SITE, AT OPPOSITE ENDS OF THE PROPOSED DISPOSAL AREA (ADDITIONAL BORINGS WERE UNNECESSARY BECAUSE THE SOILS ARE VERY UNIFORM WITHIN THIS LIMIT AREA). THE SOIL IS A UNIFORM CLAY 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 SURFACE DRAINS WELL.

THE ESTIMATED COST TO INSTALL A SEPTIC SYSTEM ON AN INDIVIDUAL LOT IS \$1,500.00, INCLUDING THE COSTS FOR THE REQUIRED PERMIT AND LICENSE. LOT 1 HAS AN EXISTING SEPTIC TANK SYSTEM AND NO OTHER OSSFS HAVE BEEN INSTALLED AS OF THE TIME OF APPLICATION FOR FINAL PLAT APPROVAL. THE SUBDIVIDER IS PROVIDING ADEQUATE FINANCIAL GUARANTEES IN THE FORM OF A PERSONAL CHECK REPRESENTING A "CASH DEPOSIT" TO BE HELD BY THE COUNTY OF HIDALGO IN ESCROW IN THE AMOUNT OF \$1,500.00 WHICH IS THE ESTIMATED TOTAL COST TO A SEPTIC TANK SYSTEM ON EACH LOT. THE SUBDIVIDER WILL INCLUDE THE COST OF A SEPTIC TANK SYSTEM IN THE SALE PRICE OF EACH 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 SYSTEM. SUCH PERMIT SHALL BE INSTALLED ON THE LOT PRIOR TO THE COUNTY ISSUING A FINAL LIGHT AND WATER CLEARANCE.

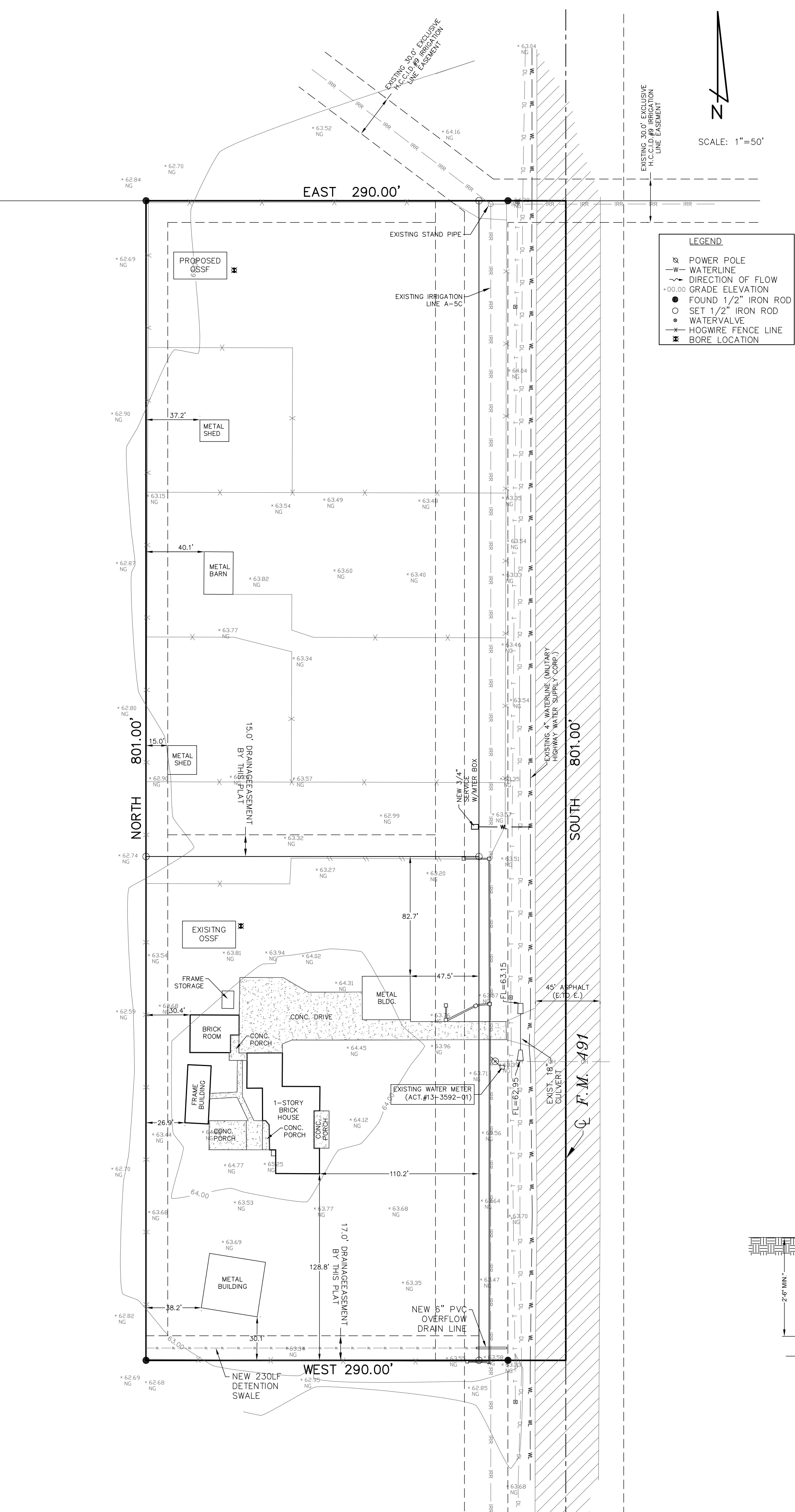
ENGINEER CERTIFICATION: BY MY SIGNATURE BELOW, I CERTIFY THAT THE WATER AND SEWAGE SERVICE FACILITIES DESCRIBED ABOVE ARE IN COMPLIANCE WITH THE MODEL RULES ADOPTED UNDER SECTION 16.343, WATER CODE. I CERTIFY THAT THE COSTS TO INSTALL THE WATER AND THE UNCONSTRUCTED ON-SITE SEWAGE FACILITIES, DISCUSSED ABOVE, ARE AS FOLLOWS:

WATER FACILITIES - THESE FACILITIES FULLY CONSTRUCTED, WITH THE INSTALLATION OF WATER METERS, WILL COST A GRAND TOTAL OF \$2,932.00 WHICH EQUALS TO \$2,932.00 PER LOT.

SEWAGE FACILITIES - SEPTIC SYSTEM IS ESTIMATED TO COST \$1,500.00 PER LOT (ALL INCLUSIVE), FOR A TOTAL OF \$1,500.00 FOR THE ENTIRE SUBDIVISION.



CHESTNUT SUBDIVISION
LOCATION MAP
(SCALE: 1" = 1,000')



SUBDIVIDER CERTIFICATION:
BY COMPLETING THE IMPROVEMENTS DESCRIBED ON THE PLAT, SUBDIVIDER WILL COMPLY WITH THE 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:
I (WE), DIANA GUZMAN, THE UNDERSIGNED, SUBDIVIDER(S) OF CHESTNUT SUBDIVISION HEREBY CERTIFY SEWER PERMITS ARE REQUIRED PRIOR TO BUILDING ON ANY LOT 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 TO HAVE ADEQUATE WATER TO COMPLY WITH THE REGULATIONS AND THE LAWS OF THE STATE AS REQUIRED BY STATE AND COUNTY REGULATIONS.

OWNER: DIANA GUZMAN
ADDRESS: 4649 FM 491
MERCEDES, TEXAS

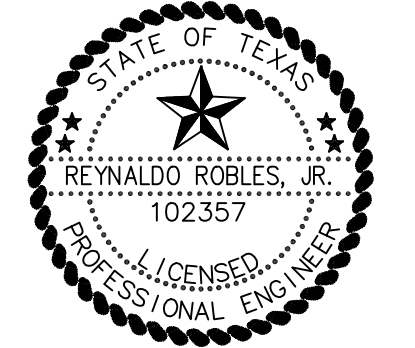
DATE

STATE OF TEXAS
HIDALGO COUNTY

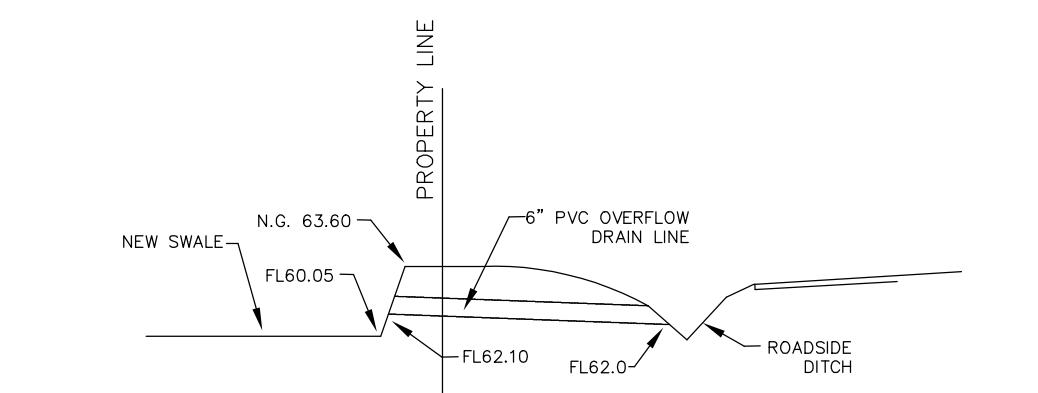
BEFORE ME, THE UNDERSIGNED NOTARY PUBLIC, ON THIS DAY PERSONALLY APPEARED DIANA GUZMAN AND PROVED TO ME THROUGH THEIR TEXAS DEPARTMENT OF PUBLIC SAFETY DRIVER LICENSE TO BE THE PERSONS WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT, WHO, BEING BY ME DULY SWORN, DECLARED THAT THEIR STATEMENTS THEREIN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

GIVEN UNDER MY HAND AND SEAL OF OFFICE, THIS ____ DAY OF _____ 20__

NOTARY PUBLIC, FOR THE STATE OF TEXAS



ENGINEER'S SIGNATURE _____ DATE _____



SWALE-6" OVERFLOW SECTION

FINAL WATER AND SEWER ENGINEERING REPORT IN SPANISH
PROVISION DE AGUA: DESCRIPCION, GASTOS Y FECHAS DE INICIO LA SUBDIVISION RECIBIRA SU PROVISION DE AGUA DE LA CIUDAD DE MILITARY HIGHWAY WATER SUPPLY CORPORATION (MHWSC). EL DUEÑO DE LA SUBDIVISION Y MHWSC HAN FIRMADO UN CONTRATO POR EL CUAL LA SUBDIVISION RECIBIRA SU PROVISION DE AGUA POR LOS PROXIMOS 30 AÑOS. MHWSC 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 CONSISTE DE UN CONDUCTO DE AGUA DE 4 PULGADAS DE DIAMETRO QUE PASA POR EL LADO OESTE DE LA CARRETERA F.M. 491.

DEL CONDUCTO DE 4" SE CONECTARA UN SERVICIO DE 3/4" PARA EL LOTE CON MEDIDOR MECANICO DE AGUA. LOTE 1 TIENE UN MEDIDOR EXISTENTE DE LA LINEA DE 4". EL MEDIDOR MECANICO DE AGUA INSTALADOS POR MHWSC A UN COSTO TOTAL DE \$1,500.00, EL DUEÑO DE LA SUBDIVISION TAMBIEN LE HA PAGADO A MHWSC \$1,432.00, QUE CUBRE EL COSTO DEL MEDIDOR MECANICO DE AGUA PARA CADA LOTE. ESTE PRECIO INCLUYE EL COSTO DE LA INSTALACION DE CADA MEDIDOR Y LOS GASTOS DE CONEXION, CUANDO EL DUEÑO DE CADA LOTE SOLICITE UN MEDIDOR DE AGUA, NAWSC LO INSTALARA SIN ALCANZO AL DUEÑO, EL DUEÑO DE LA SUBDIVISION.

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. JOSE ANGEL GONZALEZ, LICENCIA NO. 0512258, 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 APROBADO 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 LUGARES OPUESTOS EN LA SUBDIVISION (EXCAVACIONES ADICIONALES NO FUERON NECESARIAS PORQUE EL TERRENO EN ESTA AREA ES SIGNIFICATIVAMENTE UNIFORME). EL TERRENO ES UNIFORME (TERRENO FRANCO-AROLLO) Y SE EXTIENDE A 36 PULGADAS BAJO TODAS LAS EXCAVACIONES PROPUESTAS. NO EXISTE EVIDENCIA DE AGUA 24 PULGADAS O MAS ARRIBA DE LO MAS BAJO DE LAS EXCAVACIONES PROPUESTAS. EL AGUA EN ESTA AREA FLUYE BIEN.

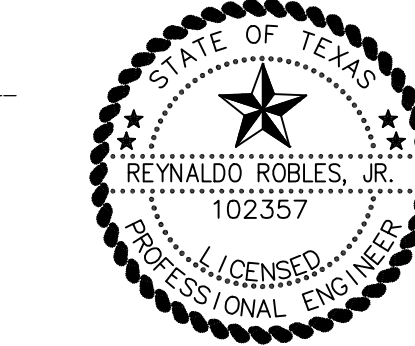
EL COSTO ESTIMADO PARA LA INSTALACION DE UN SISTEMA INDIVIDUAL DE FOSAS SEPTICAS POR SOLAR SON 1,500.00 DOLARES, INCLUYENDO EL COSTO DEL PERMISO REQUERIDO Y LICENCIA. EN ESTOS MOMENTOS, LOTE 1 TIENE UNA FOSA SEPTICA Y NINGUNA OTRA FOSA SEPTICA HA SIDO INSTALADA EN EL PROCESO DE LA APROBACION FINAL. CON EL ANCHAMIENTO DEL PLAN ORIGINAL, EL DUEÑO DE LA SUBDIVISION PROPORCIONARA UNA GARANTIA FINANCIERA ADECUADA CON DESEMPEÑO EN FORMA DE UN CHEQUE PERSONAL REPRESENTANDO UN "DEPOSITO EN EFECTIVO" OBTENIDO POR EL CONDADO DE HIDALGO EN LA CANTIDAD DE \$1,500.00, QUE ES EL COSTO TOTAL ESTIMADO PARA INSTALAR UN SISTEMA DE FOSAS SEPTICAS EN CADA TERRENO. EL DUEÑO DE LA SUBDIVISION INCLUIRA EL COSTO DE UN SISTEMA DE FOSAS SEPTICAS EN EL PRECIO DE VENTA DEL TERRENO.

EN CUALQUIER MOMENTO DESPUES DE QUE EL TERRENO SEA VENDIDO, EL COMPRADOR DEBE INDICAR 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 SEPTICA. LAS FOSAS SEPTICAS DEBEN DE ESTAR INSTALADAS ANTES QUE EL CONDADO DE HIDALGO PUEDA APROBAR LA AUTORIZACION DE LUZ Y AGUA.

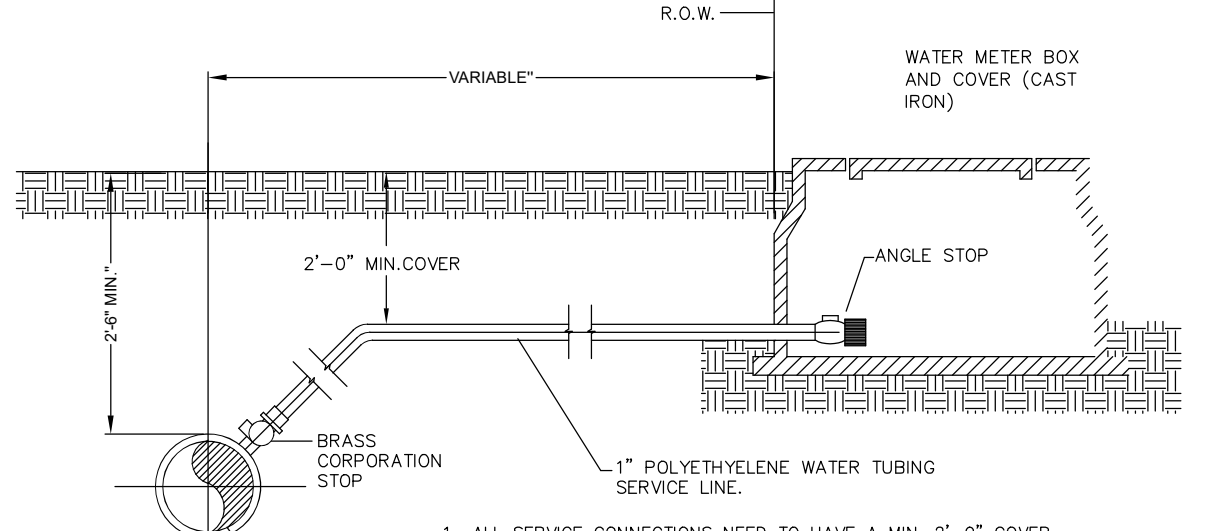
CERTIFICACION: CON MI FIRMA, CERTIFICO QUE LOS SERVICIOS Y SISTEMAS DE AGUA Y DE DRENAJE, DESCRITOS EN ESTE DOCUMENTO CUMPLEN CON LAS MODEL SUBDIVISION RULES (LAS REGLAS GOBERNANDO A LAS SUBDIVISIONES), ADOPTADAS EN LA SECCION 16.343 DEL TEXAS WATER CODE (CODIGO DE AGUA DE TEXAS). CERTIFICO QUE LOS GASTOS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

AGUA: EL SISTEMA/SERVICIO DE AGUA CONSTRUIDO CON EL MEDIDOR MECANICO DE AGUA A UN COSTO TOTAL DE \$2,932.00 O \$2,932.00 POR LOTE.

DRENAJE: SE ESTIMA QUE LA FOSA SEPTICA COSTARA \$1,500.00 O \$1,500.00 POR LOTE.

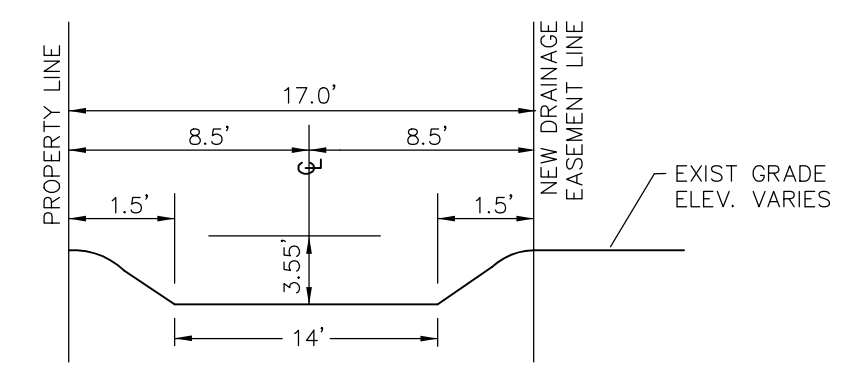


ENGINEER'S SIGNATURE _____ DATE _____



STANDARD WATER SERVICE CONNECTION

1. ALL SERVICE CONNECTIONS NEED TO HAVE A MIN. 2"-0" COVER FROM FINISHED GRADE.
2. ALL WATER MAINS HAVE 30 INCHES OF COVER FROM FINISHED GRADE.
3. WATER MAIN SHALL BE CAST IRON.
4. ALL CONCRETE TO HAVE A MIN. 28 DAYS COMPRESSIVE STRENGTH 3,000PSI.
5. 2" GATE VALVE ONLY REQUIRED FOR 2" SERVICE.
6. POLYETHYLENE TUBING ACCEPTABLE FOR LINE SIZES 1" OR LESS. SCHEDULE 40 PIPE REQUIRED FOR LINE SERVICES GREATER THAN 1".



TYPICAL DRAINAGE SWALE SECTION

N.T.S.

TOTAL ESTIMATED EXCAVATION VOLUME
VOLUME = 12,656cf (12,642cf req'd)

ESTIMATED SUBDIVISION IMPROVEMENT COST:
WATER: \$1,500.00
OSSF: \$1,500.00
PAVING: N/A

JOB No. 163-22
DATE: 5-26-22
DRAWN BY: JR

ROBLES ENGINEERING, LLC
FIRM NO. F-17391
107 W. WILSON ST.
WESLACO, TEXAS 75786
PHONE (956) 968-2422
FAX (956) 969-2011

	NAME	ADDRESS	PHONE
OWNER:	DIANA GUZMAN	4649 FM 491, MERCEDES, TX	(956) 475-5212
SURVEYOR:	REYNALDO ROBLES	PO BOX 476, WESLACO, TX 75799	(956) 968-2422
ENGINEER:	REYNALDO ROBLES, JR.	PO BOX 476, WESLACO, TX 75799	(956) 968-2422

INDEX TO SHEETS OF CHESTNUT SUBDIVISION

SHEET #	DESCRIPTION
1	LOCATION MAP AND ETJ; 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 CLERK'S RECORDING CERTIFICATE; HIDALGO COUNTY CERTIFICATE OF PLAT APPROVAL; DESCRIPTION OF LOCATION OF SUBDIVISION WITH RESPECT TO THE ETJ OF A MUNICIPALITY AND DESIGNATE THE PRECINCT THE PROJECT IS SITUATED; H.C.O.D. CERTIFICATE OF APPROVAL; H.C.H.D. CERTIFICATION; REVISION NOTES.
2	WATER DISTRIBUTION AND SANITARY SEWER (OSSF) MAP; ENGINEERING REPORT (ENGLISH AND SPANISH VERSION), INCLUDING DESCRIPTION OF WATER AND WASTE WATER (OSSF) AND ENGINEER'S CERTIFICATION (ENGLISH AND SPANISH VERSION) TYPICAL WATER SERVICE CONNECTION, SUBDIVIDER CERTIFICATE AND STATEMENT, 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