



# 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: 8-28-2018

PROPOSED THOMPSON ACRES SUBDIVISION, PRECINCT No. 1.

ENGINEER: REYNALDO ROBLES ENGINEERING DEVELOPER: DONALD THOMPSON

PRELIMINARY APPROVAL     FINAL APPROVAL     FINAL APPROVAL WITH FINANCIAL GUARANTEE     WITH VARIANCE

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

LOCATION DESCRIPTION: NORTH OF MILE 5 NORTH ROAD APPROXIMATELY ¼ MILE EAST OF MILE 4 ½ WEST ROAD.

SUBDIVISION LIES WITHIN THE:  ETJ OF WESLACO AND WAS APPROVED BY THE P & Z AND CITY COMMISSION OF SAID CITY

DRAINAGE REPORT WAS APPROVED BY HCDD#1: ON 5-01-2018 PROPERTY LIES WITHIN FLOOD ZONE: "B" AS PER FEMA.

DRAINAGE DESIGN: DRAINAGE WILL BE PROVIDED BY NATURAL PERCULATION WITH IN THE PROPOSED LOT AND SURFACE RUNOFF WILL BE DRAIN ONTO MILE 5 NORTH ROAD SIDE DITCH.

ROAD R.O.W. DEDICATION: 40.00 FEET ONTO MILE 5 NORTH ROAD.

H.C.R.O.W. PRELIMINARY APPROVAL DATE: 6-08-2018 BY, DANNY GUZMAN, PCT. 1 R.O.W. AGENT

H.C.H.D. PRELIMINARY APPROVAL DATE: 8-21-2018 BY, ENVIRONMENTAL HEALTH DIVISION

SEWER SYSTEM:  OSSF

WATER SERVICE PROVIDER: CITY OF WESLACO LINE SIZE: 8" LOCATION: MILE 5 NORTH ROAD.

H.C.E.O.C. PRELIMINARY APPROVAL DATE: 6-04-2018 : 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.*

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 WESLACO.

**Final Approval** subject to recommendations other departments

**Final Approval** with financial guarantee.

This subdivision plat has been reviewed and complies with the Hidalgo County Subdivision Rules,

\* Texas Water Development Board Model Subdivision Rules and The Texas Local Government Code.

**THOMPSON ACRES**

BEING A SUBDIVISION OF 2.370 ACRES OF LAND OUT OF FARM TRACT 757, BLOCK 140 OF THE WEST TRACT SUBDIVISION, HIDALGO COUNTY, TEXAS, AS PER MAP RECORDED IN VOLUME 2, PAGES 34-37 OF THE HIDALGO COUNTY MAP RECORDS

**METES AND BOUNDS DESCRIPTION**

Being 2.370 acres of land situated in Hidalgo County, Texas and being out of Farm Tract 757, Block 140, West Tract Subdivision, as per map recorded in Volume 2, Pages 34-37 of the Hidalgo County Map Records and said 2.370 acre tract being more particularly described by metes and bounds as follows:

BEGINNING at a point on the centerline of Mile 5 North Road for the southeast corner of said Farm Tract 757 for the southeast corner of said tract herein described and POINT OF BEGINNING;

THENCE, WEST, 224.14 feet with the centerline of said Mile 5 North Road, the south line of said Farm Tract 757 and the north line of Farm Tract 816 to a point for the southwest corner of said tract herein described;

THENCE, NORTH, with a line parallel to the west line of said Farm Tract 757, pass at 30.0 feet a 1/2-inch iron rod with a plastic cap stamped "R&A" found for reference on the north right-of-way line of said Mile 5 North Road, and continuing for a total distance of 200.14 feet to a 1/2-inch iron rod with a plastic cap stamped "R&A" set for an angle point;

THENCE, NORTH 08°0'46" WEST, 181.16 feet to a 1/2-inch iron rod with a plastic cap stamped "R&A" set for the most westerly northwest corner of said tract herein described;

THENCE, NORTH 80°21'51" EAST, 52.92 feet to a 1/2-inch iron rod with a plastic cap stamped "R&A" set for an inside corner of said tract herein described;

THENCE, NORTH 01°03'56" EAST, 68.88 feet to a 1/2-inch iron rod with a plastic cap stamped "R&A" set for the most northerly northwest corner of said tract herein described;

THENCE, NORTH 88°51'49" EAST, 195.98 feet to a 1/2-inch iron rod with a plastic cap stamped "R&A" set for the northeast corner of said tract herein described;

THENCE, SOUTH, with a line parallel to the west line of said Farm Tract 757, pass at a distance of 431.14 feet a 1/2-inch iron rod found for reference on the north right-of-way line of said Mile 5 North Road and continuing for a total distance of 461.14 feet to the POINT OF BEGINNING and containing 2.370 acres of land more or less.

STATE OF TEXAS  
HIDALGO COUNTY

OWNER'S DEDICATION, CERTIFICATION, AND ATTESTATION:

I, DONALD THOMPSON, OWNER OF THE 2.370 ACRE TRACT OF LAND ENCOMPASSED WITHIN THE PROPOSED "THOMPSON ACRES", 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.

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

OWNER: DONALD THOMPSON  
ADDRESS: 2823 S. PLEASANT VIEW DR.  
WESLACO, TEXAS 78596

STATE OF TEXAS  
HIDALGO COUNTY

BEFORE ME, THE UNDERSIGNED NOTARY PUBLIC, ON THIS DAY PERSONALLY APPEARED DONALD THOMPSON 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  
UNDER LOCAL GOVERNMENT CODE §232.028(A)

WE THE UNDERSIGNED CERTIFY THAT THIS PLAT OF THOMPSON ACRES WAS REVIEWED AND APPROVED BY THE HIDALGO COUNTY COMMISSIONERS COURT ON \_\_\_\_\_ 2018.

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

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

HIDALGO COUNTY  
CERTIFICATE OF PLAT APPROVAL

I THE UNDERSIGNED CERTIFY THAT THIS PLAT OF THOMPSON ACRES WAS REVIEWED AND APPROVED BY THE HIDALGO COUNTY HEALTH DEPARTMENT ON \_\_\_\_\_ 2018.

HIDALGO COUNTY ENVIRONMENTAL HEALTH DIVISION MANAGER \_\_\_\_\_ DATE \_\_\_\_\_

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

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

1. 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.
2. 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.
3. 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.
4. 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.

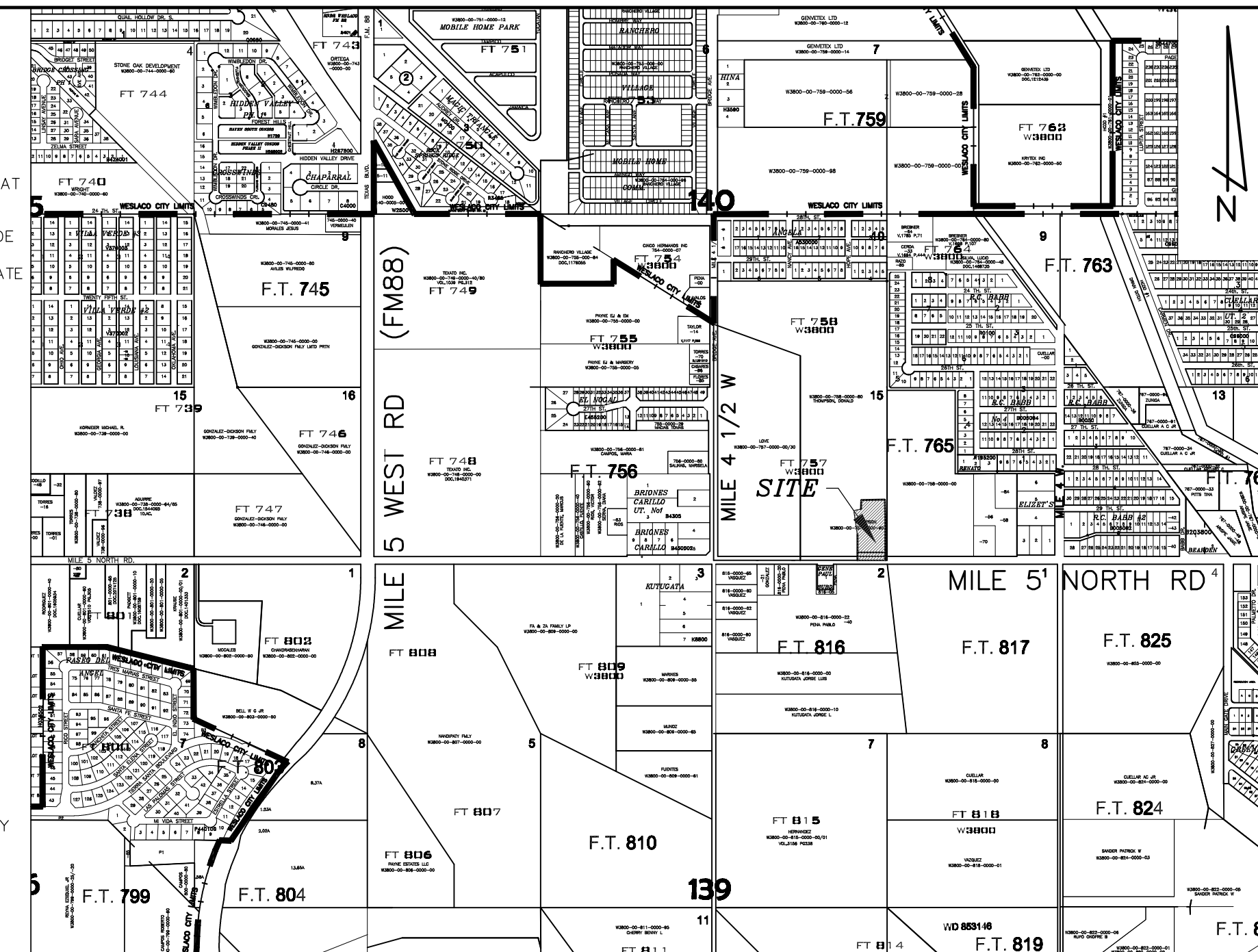
General Manager  
Hidalgo & Cameron Counties Irrigation District No. 9

NAME	ADDRESS	PHONE
OWNER: DONALD THOMPSON	2823 S. PLEASANT VIEW DR. WESLACO, TEXAS 78596	(956) 968-0000
ENGINEER: REYNALDO ROBLES, JR.	PO BOX 476, WESLACO, TX 78599	(956) 968-2422
SURVEYOR: REYNALDO ROBLES	PO BOX 476, WESLACO, TX 78599	(956) 968-2422

REVISION NOTES:			
NO.	SHEET	REVISION	DATE

**ROBLES ENGINEERING, LLC**  
FIRM NO. F-17391 EXP. NOV. 30, 2018  
P.O. BOX 476, WESLACO, TEXAS 78596  
PHONE (956) 968-2422  
FAX (956) 969-2011

**RA ROBLES & ASSOCIATES, PLLC**  
PROFESSIONAL LAND SURVEYORS  
P.O. BOX 476, 107 W. HURSCHE ST., WESLACO, TEXAS 78596  
PHONE (956) 968-2422  
FAX (956) 969-2011  
FIRM NO. 1006700



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

THOMPSON ACRES IS LOCATED WITHIN HIDALGO COUNTY PRECINCT NO.1 ON MILE 5 NORTH ROAD EAST OF MILE 4 1/2 WEST ROAD. THE ONLY NEARBY MUNICIPALITY IS THE CITY OF WESLACO ACCORDING TO THE MAP IN THE OFFICE OF THE SECRETARY OF THE CITY WESLACO (POPULATION 39,355/ 2015 CENSUS). THOMPSON SUBDIVISION LIES APPROXIMATELY 1,980 FEET SOUTH OF THE CITY LIMITS OF WESLACO AND LIES WITHIN THE CITY'S 3.5 MILE EXTRA TERRITORIAL JURISDICTION (ETJ) UNDER LOCAL GOVERNMENT CODE 42.025

CERTIFICATION BY THE CHAIRMAN OF THE COMMISSION:

I, THE UNDERSIGNED CHAIRMAN OF THE PLANNING COMMISSION OF THE CITY OF WESLACO, HEREBY CERTIFY THAT THIS SUBDIVISION PLAT CONFORMS TO ALL REQUIREMENTS OF THE SUBDIVISION REGULATIONS OF THIS CITY WHEREIN MY APPROVAL IS REQUIRED.

CHAIRMAN, PLANNING COMMISSION \_\_\_\_\_ DATE \_\_\_\_\_  
CITY OF WESLACO

CERTIFICATION OF THE MAYOR OF THE CITY OF WESLACO:

I, THE UNDERSIGNED MAYOR OF THE CITY OF WESLACO, TEXAS, HEREBY CERTIFY THAT THIS SUBDIVISION PLAT CONFORMS TO ALL REQUIREMENTS OF THE SUBDIVISION REGULATIONS OF THIS CITY WHEREIN MY APPROVAL IS REQUIRED.

MAYOR DAVID SUAREZ \_\_\_\_\_ DATE \_\_\_\_\_  
CITY OF WESLACO

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

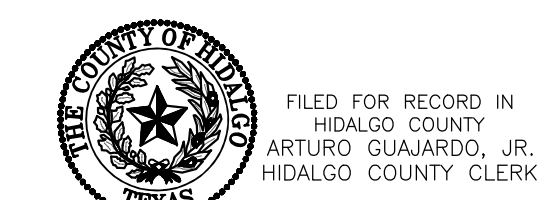
I THE UNDERSIGNED, REYNALDO ROBLES, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF TEXAS HEREBY CERTIFY THAT THIS PLAT IS TRUE AND WAS CORRECTLY MADE AND PREPARED FROM AN ACTUAL SURVEY OF THE PROPERTY MADE UNDER MY SUPERVISION ON THE GROUND.

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



ON: \_\_\_\_\_ AT \_\_\_\_\_ AM/PM

INSTRUMENT NUMBER \_\_\_\_\_

OF THE MAP RECORDS OF HIDALGO COUNTY, TEXAS

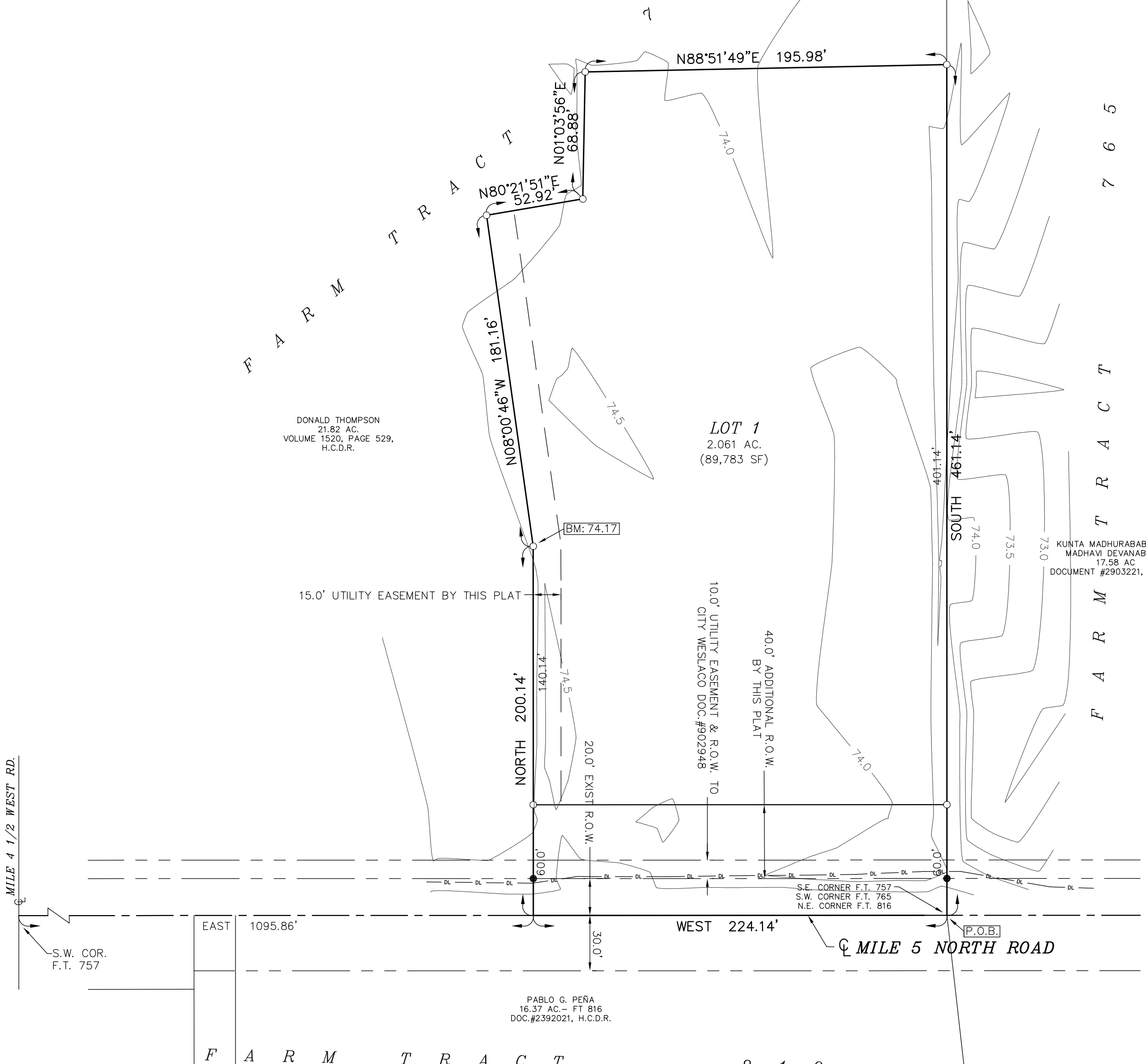
BY: \_\_\_\_\_ DEPUTY

INDEX TO SHEETS OF THOMPSON ACRES	
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; RIGHT OF WAY CERTIFICATION; 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

SCALE: 1"=50'

**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



**GENERAL SUBDIVISION PLAT NOTES**

1. FLOOD ZONE STATEMENT: FLOOD ZONE DESIGNATION: ZONE "B" DESCRIBED AS AREAS BETWEEN LIMITS OF THE 100-YEAR FLOOD AND 500-YEAR FLOOD; OR CERTAIN AREAS SUBJECT TO 100-YEAR FLOODING WITH AVERAGE DEPTHS LESS THAN ONE FOOT OR WHERE THE CONTRIBUTING DRAINAGE AREA IS LESS THAN ONE SQUARE MILE; OR AREAS PROTECTED BY LEVEES FROM THE BASE FLOOD. (MEDIUM SHADING). OF FIRM COMMUNITY-PANEL NO. 480334 525 B; EFFECTIVE DATE: JANUARY 2, 1981.
2. SETBACKS:  
FRONT: 40.00 FEET  
REAR: 25.00 FEET OR EASEMENT WHICHEVER IS GREATER;  
SIDE: 6.00 FEET OR EASEMENT WHICHEVER IS GREATER
3. 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 OCCUPYING THE LOT.
4. MINIMUM FINISHED FLOOR ELEVATION SHALL BE 18" ABOVE THE CENTER LINE OF STREET OR 18" ABOVE NATURAL GROUND, WHICHEVER IS GREATER. ELEVATION CERTIFICATE MAY BE REQUIRED FOR LOTS LOCATED OUTSIDE A DESIGNATED FLOOD ZONE AT THE TIME 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.
5. BENCHMARK: ELEV. 74.17; IRON ROD LOCATED ON THE WEST BOUNDARY LINE 200 FEET NORTH OF THE CENTERLINE OF MILE 5 NORTH ROAD.
6. IN ACCORDANCE WITH THE HIDALGO COUNTY DRAINAGE DISTRICT NO. 1 AND HIDALGO COUNTY REQUIREMENTS, THIS DEVELOPMENT WILL BE REQUIRED TO DETAIN A TOTAL OF 4,160 CUBIC-Feet (0.09 Acre=Feet1) OF STORM WATER RUNOFF. DRAINAGE RETENTION IN ACCORDANCE WITH THE LOCAL REQUIREMENTS WILL BE ACCOMPLISHED AS FOLLOWS: DRAINAGE FOR THIS DEVELOPMENT WILL BE SELF CONTAINED WITHIN EXISTING LOW AREAS ON THE SOUTH SIDE OF THIS SUBDIVISION WHICH WILL THEN OVERFLOW IN TO THE REGRADED ROADSIDE DITCH.
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

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. 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.
11. 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 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.

PRELIMINARY - FOR REVIEW ONLY

**THOMPSON ACRES**

BEING A SUBDIVISION OF 2.370 ACRES OF LAND OUT OF FARM TRACT 757, BLOCK 140 OF THE WEST TRACT SUBDIVISION, HIDALGO COUNTY, TEXAS, AS PER MAP RECORDED IN VOLUME 2, PAGES 34-37 OF THE HIDALGO COUNTY MAP RECORDS

**SUBDIVIDER CERTIFICATION:**

1. - 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:**

1. - I (WE), DONALD THOMPSON, SUBDIVIDER(S) OF THOMPSON ACRES, 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: DONALD THOMPSON  
ADDRESS: 2823 S PLEASANT VIEW DR.  
WESLACO, TX 78596

STATE OF TEXAS  
HIDALGO COUNTY

BEFORE ME, THE UNDERSIGNED NOTARY PUBLIC, ON THIS DAY PERSONALLY APPEARED DONALD THOMPSON 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 \_\_\_\_\_ 2018

\_\_\_\_\_  
NOTARY PUBLIC, FOR THE STATE OF TEXAS

**FINAL WATER AND SEWER ENGINEERING REPORT**

**WATER SUPPLY:** DESCRIPTION, COST, AND OPERABILITY DATE:  
THOMPSON ACRES WILL BE PROVIDED WITH POTABLE WATER BY THE CITY OF WESLACO. THE SUBDIVIDER AND THE CITY OF WESLACO HAVE ENTERED INTO A CONTRACT IN WHICH THE CITY OF WESLACO HAS PROMISED TO PROVIDE SUFFICIENT WATER TO THE SUBDIVISION FOR AT LEAST 30 YEARS AND THE CITY OF WESLACO 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.

THE CITY OF WESLACO HAS AN EXISTING 8" DIAMETER WATER LINE RUNNING ALONG THE NORTH SIDE OF MILE 5 NORTH ROAD.

WATER DISTRIBUTION FOR THOMPSON ACRES CONSISTS OF AN EXISTING SERVICE CONNECTION WITH AN EXISTING WATER METER CONNECTION TO THE EXISTING 8" WATERLINE. THE ENTIRE WATER FACILITIES INCLUDING WATER METER HAVE BEEN INSTALLED, APPROVED AND ACCEPTED BY THE CITY OF WESLACO AND SAID DISTRIBUTION SYSTEM IS OPERABLE AS OF THE DATE OF THE RECORDING OF THIS PLAT.

**SEWER FACILITIES DESCRIPTION, COST AND OPERABILITY DATES**

SEWER FROM THOMPSON ACRES 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, 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 SANDY 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 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.  
ALL OSSFS HAVE BEEN INSTALLED AS OF THE TIME OF APPLICATION FOR FINAL PLAT APPROVAL. THIS LOT HAS AN EXISTING SEPTIC SYSTEM AND HAS BEEN EVALUATED BY A REGISTERED SANITARIAN CONFIRMING THE SYSTEM IS SUITABLE FOR THE EXISTING RESIDENTIAL USE. HIDALGO COUNTY HEALTH DEPARTMENT HAS REVIEWED AND APPROVED THE OSSF INSPECTION REPORT.

**ENGINEER CERTIFICATION:**  
BY MY SIGNATURE BELOW, I CERTIFY THAT THE WATER AND SEWER SERVICE FACILITIES DESCRIBED ABOVE ARE IN COMPLIANCE WITH THE MODEL RULES ADOPTED UNDER SECTION 16.543, WATER CODE. I CERTIFY THAT THE COSTS TO INSTALL THE WATER AND THE ON-SITE SEWER FACILITIES, DISCUSSED ABOVE, ARE AS FOLLOWS:  
WATER FACILITIES - THE SITE HAS AN EXISTING WATER SERVICE CONNECTION WITH WATER METER.  
SEWER FACILITIES - THE SITE HAS AN EXISTING SEPTIC SYSTEM.

ENGINEER'S SIGNATURE DATE \_\_\_\_\_

**Flood Zone Designation:**

By graphical plotting this property falls in Flood Zone "B", which is described as areas between the limits of the 100-year flood and 500-year flood; or certain areas subject to 100-year flooding with average depths less than one foot or where the contributing drainage area is less than one square mile; or areas protected by levees from the base flood (medium shading), as per F.E.M.A. flood insurance rate map with community panel No. 480334 525 B, with an effective date of January 2, 1981.

**Existing Soils:**

Per the USDA Soil Survey of Hidalgo County, the soils in this area consist predominantly of Hidalgo Sandy Clay Loom (28). The soils on this site are listed in hydrologic group B, which consist of well drained soils with a moderate infiltration rate.

**Pre-development Conditions:**

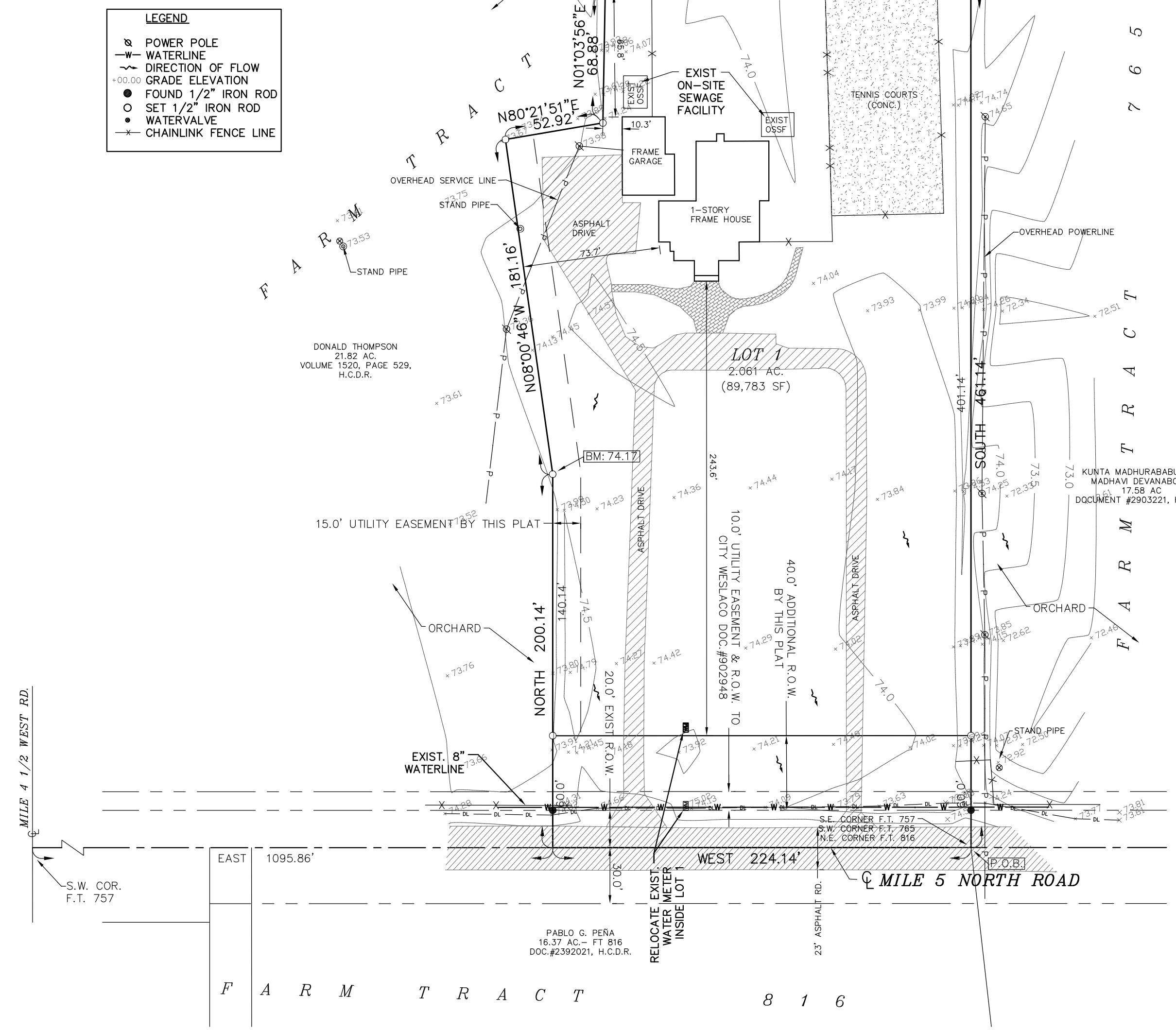
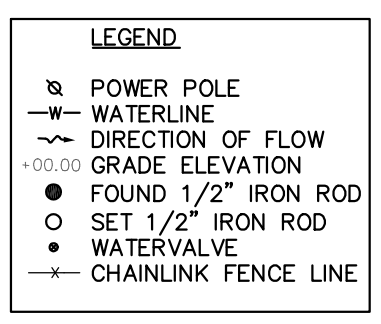
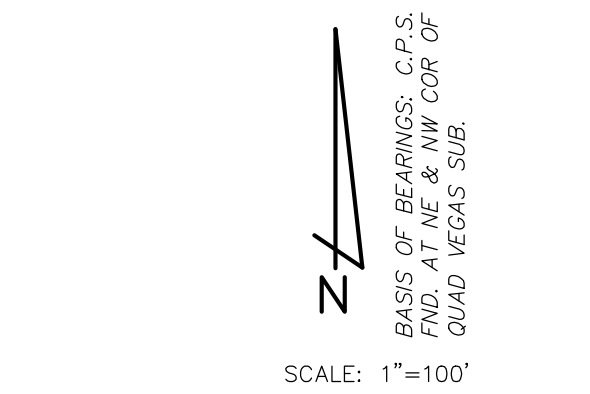
The land comprising the Thompson Subdivision No.1 is currently a residential site with an existing dwelling. Topographic information of the site reveals the subdivision site had a predevelopment grade of approximately 0.2% with an estimated predevelopment runoff of 1.93 CFS towards the southeast.

**Future Conditions:**

Expected future use for this subdivision will be for residential use. Drainage calculations for a pre-development 10-year frequency storm versus a post-development 25-year frequency storm using the modified rational formula reveal total maximum volume of additional runoff of 4,160 cubic feet (0.09 acre-ft), and a future Q of 4.50 CFS. This runoff will be detained in existing natural low areas and flow into the reggraded roadside ditch. A drainage plan is to be approved by the County of Hidalgo at the time of issuance of building permit.

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.  
LICENSED PROFESSIONAL ENGINEER #102357  
PO BOX 476  
WESLACO, TX, 78599

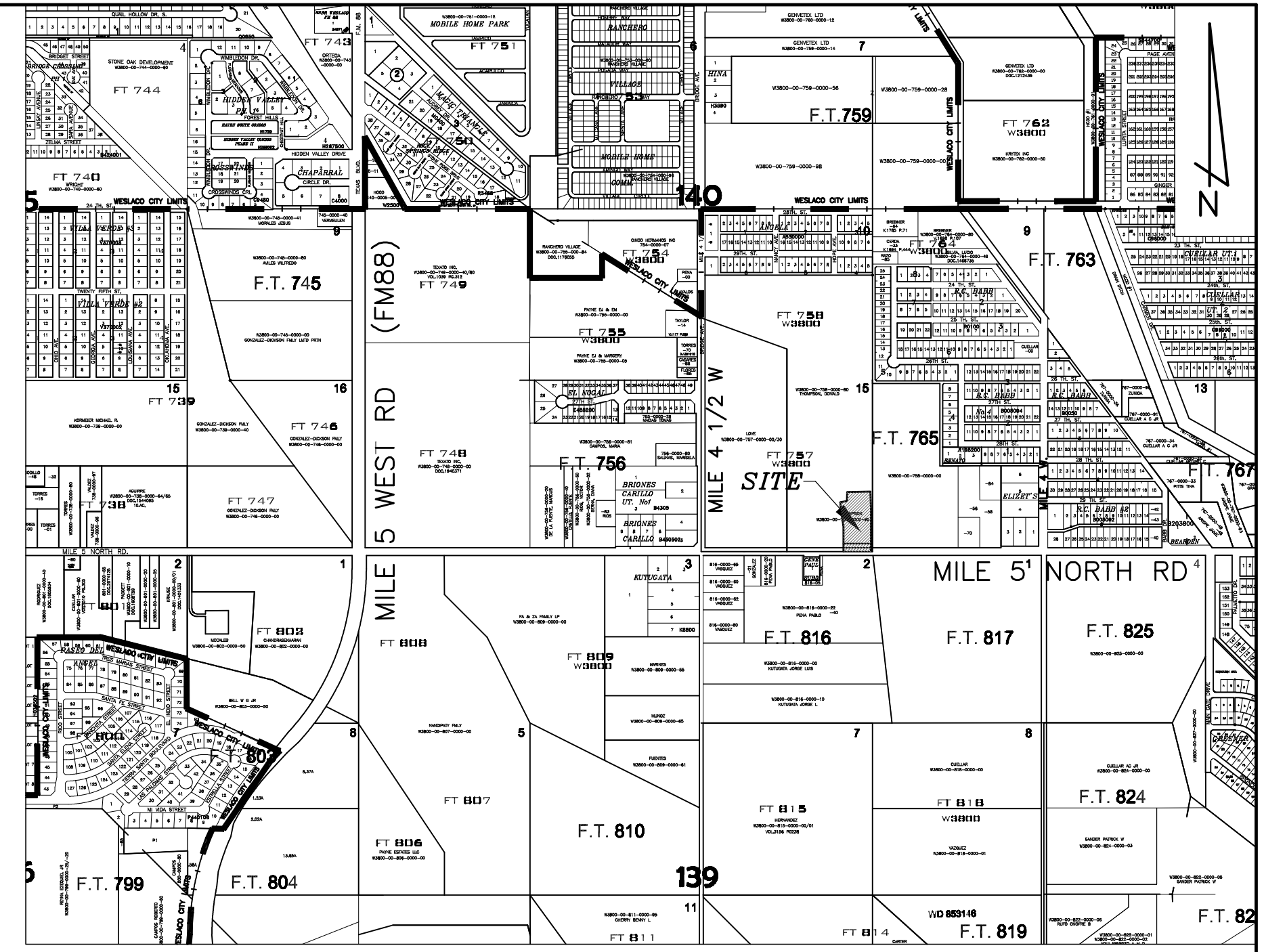
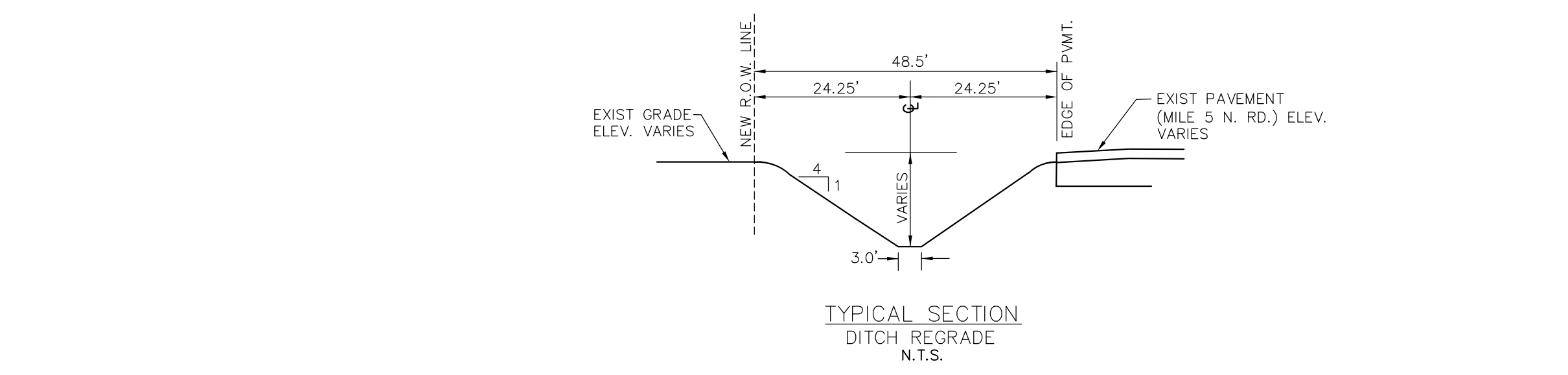


MILE 4 1/2 WEST RD.  
S.W. COR. F.T. 757

EAST 1095.86'  
WEST 224.14'  
MILE 5 NORTH ROAD

PABLO G. PERA  
16.37 AC - FT 816  
DOC #290221, H.C.D.R.

F A R M T R A C T 8 1 6



THOMPSON ACRES IS LOCATED WITHIN HIDALGO COUNTY PRECINCT NO.1 ON MILE 5 NORTH ROAD EAST OF MILE 4 1/2 WEST ROAD. THE ONLY NEARBY MUNICIPALITY IS THE CITY OF WESLACO ACCORDING TO THE MAP IN THE OFFICE OF THE SECRETARY OF THE CITY OF WESLACO (POPULATION 39,355/ 2015 CENSUS). THOMPSON SUBDIVISION LIES APPROXIMATELY 1,980 FEET SOUTH OF THE CITY LIMITS OF WESLACO AND LIES WITHIN THE CITY'S 3.5 MILE EXTRA TERRITORIAL JURISDICTION (ETJ) UNDER LOCAL GOVERNMENT CODE 42.028

**FINAL WATER AND SEWER ENGINEERING REPORT IN SPANISH**  
PROVISION DE AGUA, DESCRIPCION, GASTOS Y FECHAS DE INICIO  
LA SUBDIVISION THOMPSON ACRES RECIBIRA SU PROVISION DE AGUA DE LA CIUDAD DE WESLACO. EL DUENO DE LA SUBDIVISION Y WESLACO HAN FIRMADO UN CONTRATO POR EL CUAL LA SUBDIVISION RECIBIRA SU PROVISION DE AGUA POR LOS PROXIMOS 30 ANOS. LA CIUDAD DE WESLACO 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 THOMPSON ACRES CONSISTE DE UN SERVICIO CON MEDIDOR EXISTENTE EN EL LOTE CONECTADO A UNA LINEA DE 8 PULGADAS DE DIAMETRO QUE PASA POR EL LADO NORTE DE LA CARRETERA MILE 5 NORTH.

**DRENAJE:** DESCRIPCION, GASTOS Y FECHA DE INICIO PARA FACILITAR EL DRENAJE PARA LA SUBDIVISION  
LA SUBDIVISION TIENE UNA FOSA SEPTICA EXISTENTE EN EL SOLAR. ESTA FOSA SEPTICA CONSISTE DE UN TANQUE SEPTICO DE MODELO DUAL Y DE UN CAMPO DE DRENAJE PARA EL SOLAR. HA SIDO 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 SIGNIFICANTEMENTE UNIFORME). EL TERRENO ES UNIFORME (TERRENO ARCILLOSO Y SUELO FRANCO) Y SE EXTIENDE A 36 PULGADAS BAJO TODAS LAS EXCAVACIONES. PROPIETARIAS 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.

LOTE 1 TIENE UNA FOSA SEPTICA EXISTENTE Y HA SIDO EVALUADA POR UN INSPECTOR REGISTRADO CONFIRMANDO QUE EL SISTEMA DE FOSA EXISTENTE ES ADECUADO PARA EL USO RESIDENCIAL. EL DEPARTAMENTO DE SALUBRIDAD DEL CONDADO DE HIDALGO HA REVISADO Y HA APROBADO EL REPORTE DE LAS FOSAS SEPTICAS.

**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 16.543 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 YA HAN INSTALADO. EL LOTE TIENE UN SERVICIO CON MEDIDOR EXISTENTE.  
DRENAJE: EL SOLAR DE ESTE SUBDIVISION TIENE UNA FOSA SEPTICA EXISTENTE.

ENGINEER'S SIGNATURE DATE \_\_\_\_\_

REVISION NOTES:

NO.	SHEET	REVISION	DATE	APPROVED

NAME	ADDRESS	PHONE
OWNER: DONALD THOMPSON	2823 S. PLEASANT VIEW DR. WESLACO, TEXAS 78596	(956) 968-0000
ENGINEER: REYNALDO ROBLES, JR.	PO BOX 476, WESLACO, TX 78599	(956) 968-2422
SURVEYOR: REYNALDO ROBLES	PO BOX 476, WESLACO, TX 78599	(956) 968-2422

**ROBLES ENGINEERING, LLC**  
FIRM NO. F-17391 EXP. NOV. 30, 2018  
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PROFESSIONAL LAND SURVEYORS  
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PHONE (956) 968-2422  
FAX (956) 969-2011  
FIRM NO. 10096700

INDEX TO SHEETS OF THOMPSON ACRES

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.D.D. CERTIFICATE OF APPROVAL; RIGHT OF WAY CERTIFICATION; 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

PRELIMINARY - FOR REVIEW ONLY