



**Hidalgo County
Planning
Department**

T.J. Arredondo, CFM
Director of Planning

Main Office

1304 S. 25th Street
Edinburg, Texas 78542
Phone (956) 318-2840
Fax (956) 318-2844

Engineering Projects Office

902 N. Doolittle Road
Edinburg, Texas 78542
Phone (956) 292-7080
Fax (956) 292-7089

Precinct No. 1 Substation

1902 Joe Stephens Ave.
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Phone (956) 968-4734
Fax (956) 973-7850

Precinct No. 3 Substation

2401 N. Moorefield Road
Mission, Texas 78572
Phone (956) 205-7045
Fax (956) 205-7049

PIPELINE AND UTILITY PERMIT APPLICATION PACKET

THE STATE OF TEXAS

COUNTY OF HIDALGO

PRECINCT 4

**APPLICATION AND AGREEMENT FOR PIPELINE OR
UTILITY PERMIT**

Date: 1/26/20

North Alamo Water Supply Corp. (hereinafter referred to as "Applicant") does hereby make application to the Hidalgo County through the Hidalgo County Planning Department (hereinafter referred to as "HCPD") to construct, maintain and repair pipelines or utilities across the easements, right-of-ways, property or property interest as described below.

Information required:

1. Name, Address and Phone number of Applicant:
North Alamo Water Supply Corporation

420 S. Doolittle Rd., Edinburg, Texas 78542

(956) 383-1618
2. Name, Address and Phone number of company or agency owning Pipeline or Utility (please indicate if same as Applicant):
Same as Applicant

3. Name, Address and Phone number of operator of Pipeline or Utility (please indicate if same as Applicant):
Same as Applicant

4. Name, Address and Phone number of contractor to install Pipeline or Utility:
The 5125 Company

1008 Doherty Ave., Mission, Texas 78572

(956) 583-5125
Visit Hidalgo County Planning Department on the web at www.co.hidalgo.tx.us



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5. Is this a common carrier pipeline or utility? If yes, please submit the Applicant's Texas Railroad Commission Form "T-4" or similar form designating the facility:

Public Utility

6. Does Applicant have the Power of Eminent Domain?

N/A

7. Will the product be carried for hire or by the owner of the goods?

N/A

8. Name and Legal description of property owner requesting utility services if applicable:

Lionel William Gegenheimer, III

Lot 8 Blk 51 Alamo Land & Sugar CO

9. Type of utility work within county road right-of-way:

Bore Crossing Line Extension Along R.O.W. Other _____

10. Where is the origin of the line?

Existing NAWSC^{8"} waterline within easement adjacent to west line of E. Alberta Road

11. Where is the destination of the line?

New line within new The Estates at Paloma Park subdivision. North Crossing ALBERTA ROAD VIA BORING w/

CASING



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12. Utility Crossing Coordinate X: 16616132.378 Y: 1103790.442
(NAD 83 Texas South FIPS 4205 feet)
13. Number and size of lines:
1-8" Water Line within a 16" PVC Casing
14. Pressure (each line):
35-60 psi
15. Content (each line):
Potable Water
16. Estimated date of installation of Pipeline or Utility:
March 2020



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If requested permit is granted by HCPD, Applicant, in consideration thereof, agrees and binds itself as follows:

1. All pipelines or utilities herein will be horizontally placed within the right-of-way as determined by HCPD and at a minimum depth of five (5) feet below natural ground. Depth, horizontal, and vertical location shall be confirmed by HCPD Inspectors.
2. Location map, profile, and plans concerning the proposed pipeline or utility crossing will furnished with this application.
3. HCPD will be notified in writing ten days prior to the beginning date of construction under this permit.
4. Applicant will bear the entire expense of all future relocations of any pipelines or utilities should such relocation, at the sole discretion of the Hidalgo County Commissioners Court, be necessary for improvements, alteration, or maintenance of the Hidalgo County's easement or property of interest.
5. Applicant will notify the HCPD at least 48 hours prior to covering work and or completion of its work and removal of its equipment from the job site to permit HCPD to make an inspection.
6. Upon notification by the HCPD, the Applicant will promptly repair or rectify any deficiency or condition caused by the Applicant's operations or installations under this permit. Applicant will leave easement in as near the same condition or better, in the HCPD's sole judgment, as it existed prior to the commencement of the operations under this permit.
7. Hidalgo County shall not be liable or responsible for, and shall be saved and held harmless by Applicant, and further shall be indemnified by Applicant, from and against any and all suits, actions, losses, damages, claims, or liability of any character, type, or description, including all expenses of litigation, court costs, attorney's fees, and engineering fees for injury or death to any person, or injury to any property, received or sustained by any person or persons or property, arising out of, or occasioned by, directly or indirectly, the performance of Applicant under this agreement, including claims and damages arising in part from the negligence of the Hidalgo County.



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It is the expressed intent of the parties to this agreement that the indemnity provided for in this section is extended by Applicant to indemnify and protect Hidalgo County from the consequences of Hidalgo County's own negligence, whether that negligence is the sole or contributory cause of the resultant injury death, or damage.

Applicant further agrees to defend, at its own expense, with attorneys acceptable to Hidalgo County and on behalf of the Hidalgo County, and in the name of Hidalgo County, any claim or litigation brought against the Hidalgo County in connection with any such injury, death or damage.

Before construction is begun on such pipeline or utility crossings, Applicant will furnish to the HCPD a certificate of insurance (or other security approved by the HCPD) payable to Hidalgo County and protecting Hidalgo County (as an additional named insured) against any claims for personal injuries or damages to property resulting from the operations of Applicant, its agents, servants, employees, and contractors under this permit. Insurance is to be supplied in accordance with the attached Schedule A.

8. Hidalgo County makes no warranties, expressed or implied, in the granting of this permit; nor does Hidalgo County purport to grant any property interest or exclusive privileges whatsoever by granting such permit. It is specifically understood that Hidalgo County is not the agent for, nor does it act for, the fee owners or any persons or entities having any right, or title to possession of the land upon which the Hidalgo County's easement or other property interest is located. Furthermore, in granting this permit Hidalgo County makes no representation or warranty that it has any property interest, including, but not limited to, an easement or right of way, in the land

upon which Applicant constructs, maintains, repairs, or modifies the pipelines or utilities, made the subject of this application, nor does Hidalgo County make any representation or warranty as to the validity, quality or extent of such property interest, if any. Applicant acknowledges its understanding that Hidalgo County in granting this permit, does not convey or grant to Applicant any rights, title or interest for which is has no legal authority to grant or convey.

9. Applicant binds itself to comply with all federal, state, and local laws or regulations and will obtain all necessary permits from all local and federal agencies required by law before installation or construction is begun.



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10. Applicant will install its pipelines and utilities in a manner and location as shown in the plans and specifications filed with HCPD in support of this application for permit. Hidalgo County Planning Department's representative may at any time make such inspection as such engineer or other representation may deem necessary to assure that the construction of the pipeline or utilities is in accordance with the plans and specifications submitted, and said engineer or representative shall have the right to temporarily suspend Applicant's work if necessary, while such inspection is being made. Should Applicant not install the pipelines or utilities in accordance with the terms and conditions of this permit, Applicant agrees that the Hidalgo County shall have the right to require, at Applicant's expense, the removal of the pipelines and utilities and its replacement in conformance to said plans and specifications and conditions of this permit. Hidalgo County may revoke this permit and suspend all work hereunder if it is determined by Hidalgo County that the pipelines or utilities are not being installed in accordance with such plans and specifications and conditions of this permit. The suspension or revocation of this permit shall not be a basis for a claim for damages against Hidalgo County.
11. Except in emergency situations where it is necessary to protect life and property, Applicant will not make any change, modification, or alteration in or to the pipelines or utilities without first securing a new or amended permit from Hidalgo County prior to the making of any such change. Applicant will maintain the pipelines or utilities hereby authorized in good and safe condition, and in accordance with plans, specifications, and this permit.
12. Applicant agrees to pay HCPD a permit fee to cover administrative costs in the amount of **\$500.00**, plus a reimbursement to HCPD for any necessary engineering fees which may be incurred for the study and processing of the Application. This fee will permit a single pipeline or utility to be within County right-of-way. Applicant further agrees to pay an additional fee of **\$500.00** for each additional line included in permit application at the same location; however, more than one location may be included in a single application.

Requests to lay additional line or lines, not included in an initial permit application, must be made by separate application, with new permit fees paid accordingly and support data provided.



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Permit fees may be waived where Applicant is a state, county, municipality, or a special political subdivision.

13. The Applicant is allowed one hundred twenty days (120) from the granting of the permit to start construction of the pipelines or utilities crossings. Once started, the Applicant is allowed ninety (90) days to complete all work under such permit. All construction must be completed within two hundred ten (210) days from the date of issuance of permit. Upon application, extension of the time periods set forth in this paragraph may be granted by the Hidalgo County Commissioners Court. Such applications for extension must be received by HCPD at least thirty days before the expiration of the two hundred ten (210) days period. A new permit fee, in accordance with Paragraph 12 hereof, will be charged for each extension granted.

Construction of any pipeline or utility crossing will not begin until written approval has been given by HCPD.

14. All provisions of the Pipeline and Utility Permit Administration Policy of Hidalgo County, if any, and all amendments thereto, are hereby incorporated herein as part of the terms and conditions of this permit for all purposes.
15. Applicant warrants and represents that it has secured from all fee owners of the involved property an easement or other property rights to construct, repair or modify the pipeline or utility in the manner set forth herein.
16. This Pipeline and Utility Permit if granted by Hidalgo County is subject to any and all other requirements, specifications and conditions listed in Exhibit A attached hereto.
17. Hidalgo County requires all coordinates of all utility crossings. Horizontal datum to be in NAD 83 State Plane Texas South 4205 feet and vertical datum in NAVD 88 Geoid 12a.



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18. This permit constitutes the entire agreement between the parties with regard to the subject matter hereof, and all prior agreements, representations, and negotiations between the parties regarding the subject matter are hereby superseded. This permit shall not be altered or amended except by an agreement in writing executed by the parties hereto.

19. Applicant warrants and represents that its undersigned representative has full authority to bind Applicant to the terms and conditions of the foregoing Application and Agreement for Pipeline or Utility Permit.

DATED this 28th day of January, 2020.

North Alamo Water Supply Corporation
(Name of Applicant – Printed or Typed)

By: Angela Hinojosa
Signature Angelica Hinojosa

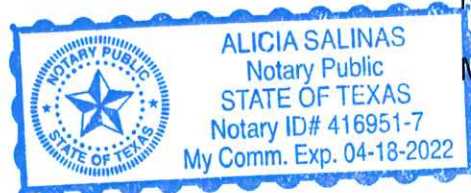
Title: New Account Supervisor

STATE OF TEXAS
COUNTY OF HIDALGO

SUBSCRIBED AND SWORN TO before me the Applicant,
Angelica Hinojosa, on this 28TH day of January, 2020,
to which witness my hand and seal of office.

Alicia Salinas
Notary Public for the State of Texas

My Commission Expires: _____





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**APPROVAL OF APPLICATION BY
HIDALGO COUNTY PLANNING DEPARTMENT**

Came on for consideration this _____ day of _____,
20____. The above and foregoing Application for Pipeline and Utility
Permit, and after consideration of the same by the Hidalgo County
Commissioners Court, said Application and Agreement for Pipeline or
Utility Permit is hereby APPROVED.

HIDALGO COUNTY:

Richard F. Cortez, County Judge



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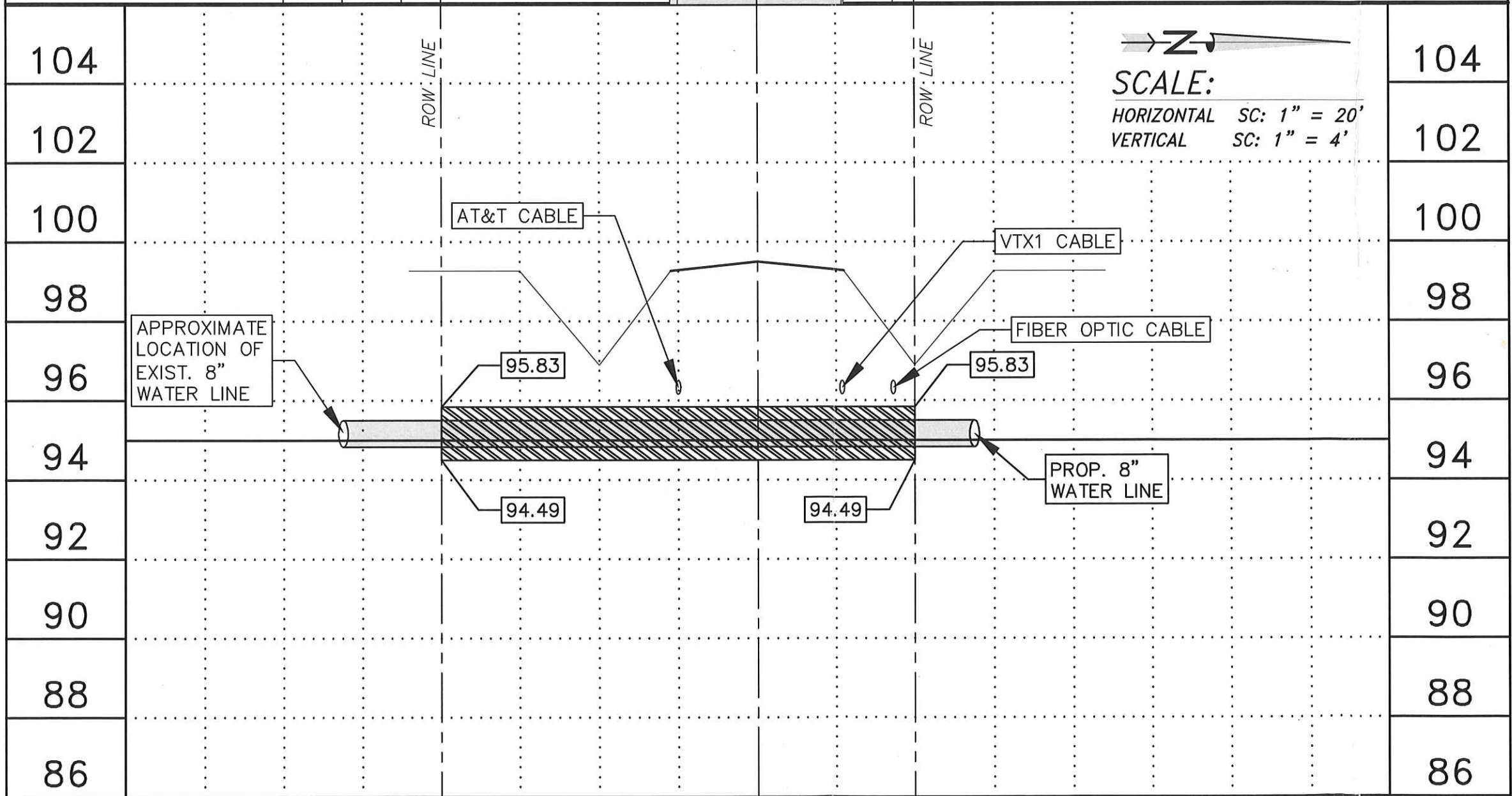
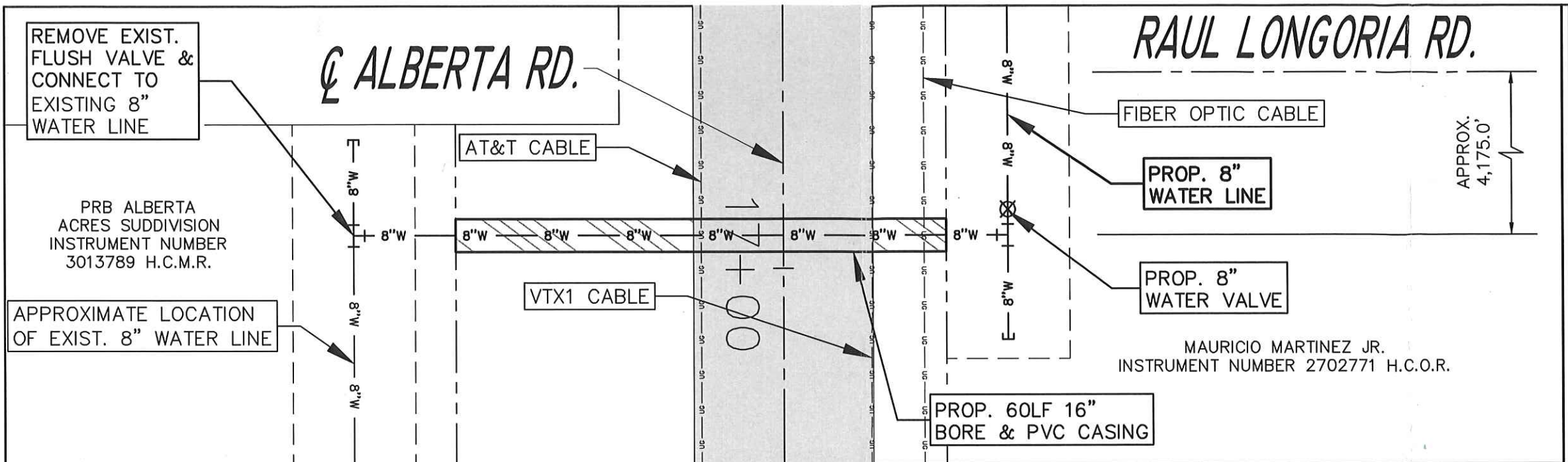
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EXHIBIT A

(Please insert description of project location and supporting documents for proposed utility work)

The Estates at Paloma Park Subdivision consists of an 8 lot single family residential subdivision located on a 10.23 acre tract of land being a portion of Lot 8, Block 51, Alamo Land and Sugar Company's Subdivision, as recorded in Volume 1, Page 24, Map Records, Hidalgo County, Texas, within the City of Edinburg Extra-Territorial jurisdiction development area. The site is located on the north side of Alberta Road approximately 1500 feet east of Raul Longoria Road.



R. E. GARCIA & ASSOCIATES
ENGINEERS, SURVEYORS, PLANNERS
ENGINEER (F-5001) & SURVEYOR (10015300)

116 NORTH 12th AVE.
EDINBURG, TEXAS 78541 (956) 381-1061
EMAIL: REGAASSOC@AOL.COM

R. E. Garcia
ENGINEERS
PLANNERS
SURVEYORS
Associates

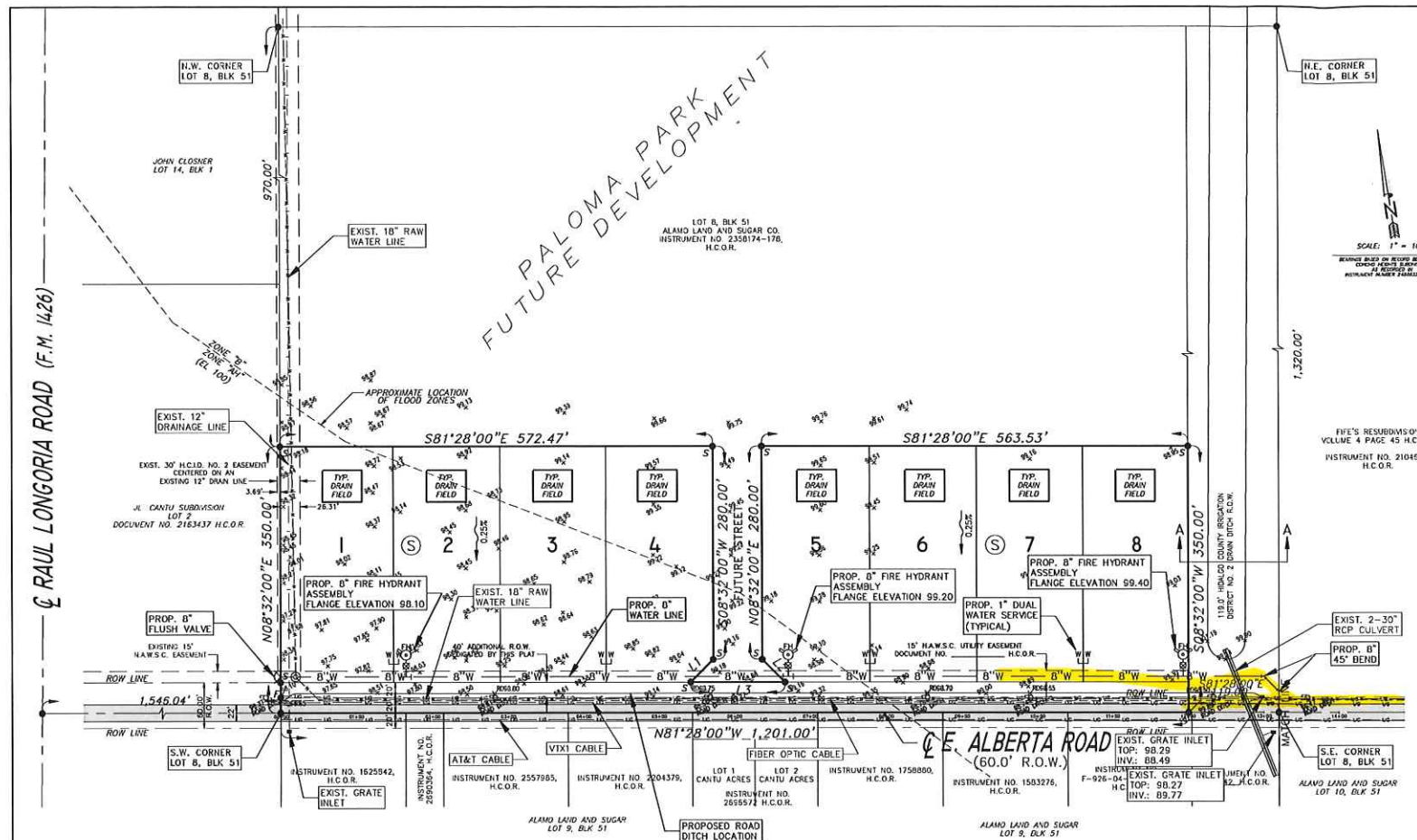
**WATER LINE CROSSING
THE ESTATES AT PALOMA PARK
SUBDIVISION**

JOB # 2018-146

DATE: JANUARY 13, 2020

REVISIONS:

DRAWN BY: D.E.S.

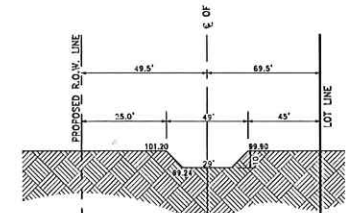


REVISION NOTES				
NO.	SHEET	REVISION	DATE	APPROVED

PLAT OF THE ESTATES AT PALOMA PARK

A 9.17 ACRE TRACT OF LAND BEING A PORTION OF LOT 8, BLOCK 51, ALAMO LAND AND SUGAR COMPANY'S SUBDIVISION, AS RECORDED IN VOLUME 1, PAGE 24, MAP RECORDS, HIDALGO COUNTY, TEXAS, ALSO BEING A PORTION OF THAT CERTAIN TRACT DESCRIBED IN WARRANTY DEED WITH VENDOR'S LIEN RECORDED IN VOLUME 3390, PAGE 466, DEED RECORDS, HIDALGO COUNTY, TEXAS, ALSO BEING A PORTION OF THOSE CERTAIN TRACTS DESCRIBED IN GIFT DEEDS RECORDED IN DOCUMENT NUMBERS 2358174, 2358175, 2358176, 2358177 AND 2358178, OFFICIAL RECORDS, HIDALGO COUNTY, TEXAS.

DATE: AUGUST 7, 2019
 PREPARED BY: R. E. GARCIA & ASSOCIATES
 ENGINEERS, SURVEYORS, PLANNERS
 JOB NO.: 2018-146
 DRAWN BY: E.S.
 SCALE IN FEET: 1" = 100'
 116 NORTH 12TH AVE.
 EDINBURG, TEXAS 78541 (936) 381-1061
 EMAIL: REGAASSOC@AOL.COM



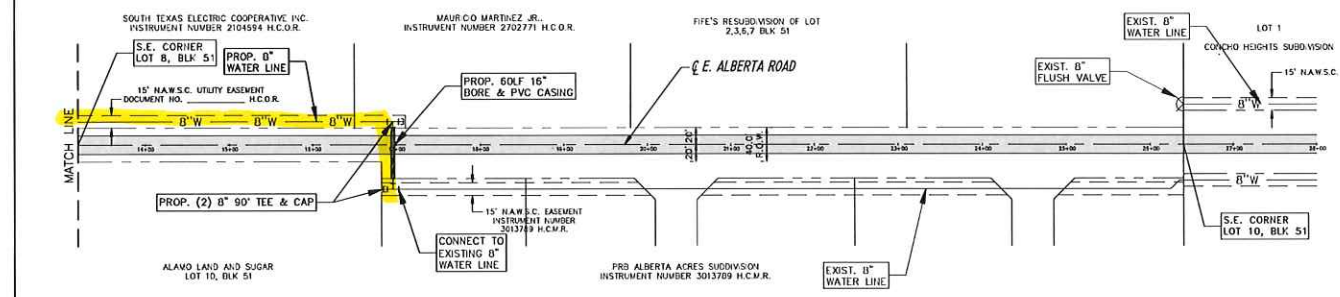
LINE DATA	
BEARING	LENGTH
L1 S55°32'00"W	42.43'
L2 N35°20'00"W	42.43'
L3 S81°28'00"E	110.00'

- LEGEND:
- F - FOUND 1/2" IRON ROD
 - F1 - FOUND COTTON PICKER SPINDLE
 - S - SET 1/2" IRON ROD
 - S1 - SET COTTON PICKER SPINDLE
 - S2 - SET 1/2" IRON ROD W/ A CAP LABELED "RPLS 4204"
 - B-W - 8" WATER LINE
 - PH - PROPOSED FIRE HYDRANT ASSEMBLY
 - PO - POWER POLE
 - SB - SOIL BORE LOCATION

COST ESTIMATE

WATER	\$0
LOSS	\$0
PAVING	\$0
DRAINAGE	\$0
TOTAL	\$0

3/3



DRAINAGE STATEMENT FOR THE ESTATES AT PALOMA PARK

THE ESTATES AT PALOMA PARK SUBDIVISION CONSISTS OF A 8 LOT SINGLE FAMILY RESIDENTIAL SUBDIVISION LOCATED ON A 10.23 ACRE TRACT OF LAND BEING A PORTION OF LOT 8, BLOCK 51, ALAMO LAND AND SUGAR COMPANY'S SUBDIVISION, AS RECORDED IN VOLUME 1, PAGE 24, MAP RECORDS, HIDALGO COUNTY, TEXAS. THE SUBJECT SITE LIES WITHIN THE CITY OF EDINBURG EXTRAJURISDICTIONAL JURISDICTION. THE PROPERTY IS CURRENTLY AN AGRICULTURAL FIELD ADJACENT TO A PAVED ROADWAY AND DRAINAGE DITCH WITH TYPICAL SUPERVIOUS AREAS. THE PROPOSED SUBDIVISION IS LOCATED WITHIN BOTH A ZONE "B" AND ZONE "AH" WITH A BFE OF 100' FLOOD HAZARD AREAS AS DESIGNATED BY FEMA FIRV COMMUNITY PANEL NUMBER 480334-0425 D DATED NOVEMBER 16, 1992. ZONE "B" IS DEFINED AS "AREAS OF THE 500-YEAR FLOOD, AREAS OF 100-YEAR FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE, AND AREAS PROTECTED BY LEVEES FROM 100-YEAR FLOOD", AND ZONE "AH" IS DEFINED AS "SPECIAL FLOOD HAZARD AREA WITH FLOOD DEPTHS OF 1 TO 3 FEET (USUALLY AREAS OF PONDING) BASE FLOOD ELEVATION DETERMINED".

THE PREDOMINANT SOIL FOR THIS PROPERTY IS A RAYMONDVILLE CLAY LOAM (S2) WHICH A DARK, GRAYISH BROWN CLAY LOAM WHICH IS MODERATELY PEEVISH. THIS SOIL IS FOUND TO BE IN THE HYDROLOGIC GROUP "D" AS DETERMINED BY USE OF THE SOIL SURVEY OF HIDALGO COUNTY. (SEE ATTACHMENT).

CURRENTLY THE PROPERTY IS A LARGE AGRICULTURAL FIELD. EXISTING RUNOFF IS DIRECTED SOUTH TOWARDS ROAD DITCHES LOCATED ON ALBERTA ROAD. ALBERTA ROAD FLOWS EAST AND DISCHARGES INTO AN EXISTING HIDALGO COUNTY IRRIGATION DISTRICT NO. 2 (HCD #2) DRAINAGE DITCH ADJACENT TO THE EAST SIDE OF THE DEVELOPMENT. THE EXISTING HCD #2 DRAINAGE DITCH THEN FLOWS NORTH AND DISCHARGES INTO THE HIDALGO COUNTY DRAINAGE DISTRICT NO. 1 SOUTH MAIN DRAIN I LOCATED ON THE NORTH OF THE SUBJECT TRACT. THE PROPOSED SUBDIVISION WILL UTILIZE ALL AVAILABLE VOLUME WITHIN ROADSIDE DITCH IMPROVEMENTS ON ALBERTA ROAD TO DETAIN STORM RUNOFF AND DISCHARGE THE STORM FLOW TOWARDS THE HCD #2 DRAINAGE DITCH ON THE EAST SIDE OF THE DEVELOPMENT. THE AREA WITHIN THE DESIGNATED FLOOD ZONE "AH" HAS BEEN REMOVED FROM THE ZONE "AH" BY LOMA-F CASE NUMBER 19-... DATED.../2019 BY PLACING FILL ABOVE THE DESIGNATED BFE.

IN ACCORDANCE WITH THE HIDALGO COUNTY DRAINAGE POLICY, A MINIMUM OF 18,121 CUBIC FEET OF STORM RUNOFF WHICH IS THE DIFFERENTIAL VOLUME BETWEEN THE PRE DEVELOPED 10 YEAR EVENT (Q10 = 21.90 CFS) AND THE POST DEVELOPED 50 YEAR EVENT (Q50 = 39.66 CFS) WILL BE DETAINED WITH A MAXIMUM DISCHARGE RATE OF 21.90 CFS. THE PEAK RATE OF RUNOFF WILL NOT BE INCREASED DURING THE 50 YEAR (Q50 = 39.66) RAINFALL EVENT.

CERTIFICATION:
 BY MY SIGNATURE BELOW, I CERTIFY THAT THIS SUBDIVISION LIES IN A FLOOD ZONES "B" & "AH". AREAS OUTSIDE OF 500-YEAR FLOOD PLANE

FINAL ENGINEERING REPORT FOR THE ESTATES AT PALOMA PARK

BY RAUL E. GARCIA, P.E.
 FINAL WATER AND SEWER ENGINEERING REPORT
 WATER SUPPLY: DESCRIPTION, COST, AND OPERABILITY DATE:

THE ESTATES AT PALOMA PARK, WILL BE PROVIDED WITH POTABLE WATER BY NORTH ALAMO WATER SUPPLY CORPORATION. THE SUBDIVIDER AND NAWWSC HAVE ENTERED INTO A CONTRACT IN WHICH NAWWSC HAS PROMISED TO PROVIDE SUFFICIENT WATER TO THE SUBDIVISION FOR AT LEAST 30 YEARS AND NAWWSC 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.

NAWWSC HAS AN EXISTING 8" DIAMETER WATER LINE RUNNING ALONG THE NORTH SIDE OF THE RIGHT-OF-WAY OF STITES ROAD AND HAS AN EXISTING 8" DIAMETER WATER LINE RUNNING ALONG THE WEST SIDE OF THE RIGHT-OF-WAY OF VICTORIA ROAD. THE WATER SYSTEM FOR THE ESTATES AT PALOMA PARK, CONSISTS OF 15 SINGLE 5/8" DIAMETER WATER SERVICE LINES THAT TAP INTO THE EXISTING 8" MAINS. THESE 1" DUAL SERVICES THEN SPLIT INTO TWO SINGLE 5/8" DIAMETER WATER SERVICE LINES THAT RUN SOUTH AND EAST INTO THE LOTS AND END IN WATER METERS.

WATER DISTRIBUTION FOR THE ESTATES AT PALOMA PARK CONSISTS OF 8 - 1" DIAMETER DUAL SERVICE LINES, SUD SERVICES LINE/HAIE AT THE WATER METER BOXES FOR THE LOT. THE 1" DUAL SERVICES AND THE METER BOX HAVE ALREADY BEEN INSTALLED, AT A TOTAL COST OF \$... PER LOT. IN ADDITION, THE SUBDIVIDER HAS PAID NAWWSC THE SUM OF \$10,975.00, 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 TO NAWWSC UPON REQUEST BY THE LOT OWNER. NAWWSC WILL PROMPTLY INSTALL AT NO CHARGE THE WATER METER FOR THAT LOT. THE ENTIRE WATER FACILITIES HAVE BEEN APPROVED AND ACCEPTED BY NAWWSC 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 THE ESTATES AT PALOMA PARK, 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 UNDERSIGNED PROFESSIONAL ENGINEER 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.

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 CLAY LOAM FOR THE AREA. AT LEAST EIGHT 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 THE LIMIT AREA). THE SOIL IS A DARK GRAYISH BROWN SANDY CLAY LOAM EXTENDING UP TO 35" BELOW THE BOTTOM OF ANY PROPOSED EXCAVATIONS. THERE IS NO INDICATION OF GROUNDWATER OR A RESTRICTIVE LAYER WITHIN 24" OF THE BOTTOM OF THE PROPOSED EXCAVATIONS. THE SUBDIVISION DRAINS WELL. THE SOIL IS A CLASS III SOIL.

THE COST TO INSTALL A SEPTIC TANK ON AN INDIVIDUAL LOT IS \$1,395.00, INCLUDING THE REQUIRED PERMIT AND LICENSE. THE OSSFS HAVE BEEN INSTALLED FOR LOTS 3 THROUGH 14 HAVE BEEN INSTALLED AS OF THE TIME FOR FINAL PLAT APPROVAL AT A TOTAL COST OF \$... THE HIDALGO COUNTY HEALTH DEPARTMENT HAS INSPECTED AND APPROVED THE INSTALLATION OF THE OSSFS FOR LOTS 3 THROUGH 14 ON MAY 22, 2017. NO OSSFS HAVE BEEN INSTALLED ON LOTS 1, 2 AND 15 AS OF THE TIME OF APPLICATION FOR FINAL PLAT APPROVAL. WITH THE FILING OF THIS FINAL PLAT, THE SUBDIVIDER IS PROVIDING ADEQUATE FINANCIAL GUARANTEES OF PERFORMANCE 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 \$4,500.00 WHICH IS THE ESTIMATED TOTAL COST TO INSTALL A SEPTIC TANK SYSTEM ON EACH OF LOTS 1, 2 AND 15. THE SUBDIVIDER WILL INCLUDE THE COST OF A SEPTIC TANK SYSTEM IN THE SALE PRICE OF EACH LOT.

AT ANY TIME THAT LOTS 1, 2 AND 15 ARE 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 AS APPLICATION FOR A PERMIT TO INSTALL AN OSSF. THE OSSF SYSTEM SHALL BE INSTALLED ON THE LOT PRIOR TO THE COUNTY ISSUING A FINAL LIGHT AND WATER CLEARANCE.

THE EXISTING SEPTIC TANK AND DRAIN FIELD FOR LOT 16 WAS UNCOVERED, INSPECTED REPAIRED AND PLACED IN PROPER WORKING ORDER BY ISAC MATA, OSSF LICENSE #004378 AND APPROVED BY THE HIDALGO COUNTY ENVIRONMENTAL HEALTH DEPARTMENT.

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 ESTIMATED COSTS TO INSTALL UNCONSTRUCTED WATER AND ON-SITE SEWAGE FACILITIES, DISCUSSED ABOVE, ARE AS FOLLOWS:
 WATER FACILITIES - THESE FACILITIES FULLY CONSTRUCTED, WITH THE INSTALLATION OF WATER METERS, WILL COST A GRAND TOTAL OF \$...
 SEWAGE FACILITIES - SEPTIC SYSTEM IS ESTIMATED TO COST \$1,416.00 PER LOT (ALL INCLUSIVE), FOR A TOTAL OF \$... FOR THE ENTIRE SUBDIVISION.

ENGINEER'S SIGNATURE

DATE



FIRMA DEL INGENIERO

FECHA



INFORME FINAL DE INGENIERIA THE ESTATES AT PALOMA PARK

BY RAUL E. GARCIA, P.E.
 AGUA FINAL E INFORME DE INGENIERIA DE ALCANTARILLADO
 SUMINISTRO DE AGUA: DESCRIPCION, COSTO, Y FECHA OPERABILIDAD:

LA SUBDIVISION DE ESTATES AT PALOMA PARK SERA SUMINISTRADA DE AGUA POTABLE POR NORTH ALAMO WATER SUPPLY CORPORATION. EL SUBDIVIDOR Y NAWWSC HAN CONCLUIDO EN EL QUE NAWWSC HA PROMETIDO PROPORCIONAR AGUA SUFICIENTE A LA SUBDIVISION POR AL MENOS 30 AÑOS Y NAWWSC HA PROPORCIONADO DOCUMENTACION PARA ESTABLECER SUFICIENTEMENTE LA CANTIDAD A LARGO PLAZO Y LA CALIDAD DE LOS SUMINISTROS DE AGUA DISPONIBLES PARA SERVIR AL DESARROLLO COMPLETO DE ESTA SUBDIVISION.

NAWWSC TIENE UNA LINEA EXISTENTE DE AGUA DE DIAMETRO DE 8" CORRIENDO A LO LARGO DEL LADO OESTE DEL CAMINO DE DERECHO DE CAMINO DE STITES Y TIENE UNA LINEA EXISTENTE DE AGUA DE DIAMETRO DE 8" CORRIENDO A LO LARGO DEL LADO OESTE DEL CAMINO DE VICTORIA. EL SISTEMA DE AGUA PARA LA SUBDIVISION GARCIA/HERNANDEZ, PHASE 1 CONSTA DE 8 SERVICIOS DOPULCOS CON 16 LINEAS DE SERVICIO DE AGUA DE DIAMETRO DE 5/8" QUE SE TAPAN EN LAS ALIMENTACIONES EXISTENTES DE 8". ESTOS 1" DUAL SERVICIOS SE ENCUENTRAN EN DOS LINEAS DE SERVICIO DE AGUA DE DIAMETRO DE UNO DE 5/8" QUE HACEN EL SUR Y EL ESTE EN LOS LOTES Y FINALIZAN EN MEDIDORES DE AGUA.

LA DISTRIBUCION DE AGUA PARA LA SUBDIVISION DE ESTATES AT PALOMA PARK CONSTA DE LINEAS DE SERVICIO DE DIAMETRO DE 8" - 1" DICHO SERVICIO TERMINA EN LAS CAJAS DE MEDIDORES DE AGUA PARA EL LOTE LOS SERVICIOS DE DOBLE Y LA CAJA DE METROS ESTAN INSTALADOS A UN COSTO TOTAL DE \$... POR LOTE. ADEMAS, EL SUBDIVIDOR HA PAGADO NAWWSC LA SUMA DE \$... QUE CUBRE EL COSTO POR LOTE DE \$ 605.94, SEGUN LO ESTABLECIDO EN EL ACUERDO DE SERVICIO DE AGUA DE 30 AÑOS QUE SUVA REPRESENTA EL COSTO TOTAL DEL MEDIDOR DE AGUA, DERECHOS DE ADQUISICION DE DERECHOS Y TODOS LOS ASIGNATURAS O RELACIONADOS CON LA CONEXION DE LOS LOTES INDIVIDUALES EN LA SUBDIVISION A NAWWSC A SOLUCION DEL PROPIETARIO LOTE. NAWWSC INSTALARE PRIMERO EN INGENIO CARGO EL MEDIDOR DE AGUA PARA ESO LOTE. TODAS LAS INSTALACIONES DE AGUA HAN SIDO APROBADAS Y ACEPTADAS POR NAWWSC Y DICHO SISTEMA DE DISTRIBUCION ES FUNCIONABLE A PARTIR DE LA FECHA DE LA GRABACION DE LA PLATA.

INSTALACIONES DE ALCANTARILLADO DESCRIPCION; COSTO Y OPERATIVIDAD FECHAS

LAS AGUAS RESIDUALES DE LA SUBDIVISION DE ESTATES AT PALOMA PARK, SERAN TRATADAS POR INSTALACIONES INDIVIDUALES DE AGUAS SEPTICAS EN EL SITIO ("OSSF") CONSTITUYENDO UN DEPOSITO ESTANDAR SEPTICO DE DOBLE COMPARTAMENTO Y UN CAMPO DE DRENAJE EN CADA LOTE. EL INGENIERO PROFESIONAL SUBSIDIADO HA EVALUADO LA CONVENIENCIA DEL SITIO DE SUBDIVISION PARA OSSF Y PRESENTANDO UN INFORME CONCLUYENDO QUE EL SITIO ES ADECUADO PARA OSSF. EL INFORME ESTARA REVISADO Y APROBADO POR EL DEPARTAMENTO DE SALUD DEL CONDADO DE HIDALGO. CADA LOTE TIENE AREA ADECUADA PARA UN CAMPO DE DRENAJE DE REEMPLAZOS.

CADA LOTE EN LA SUBDIVISION PROPUESTA ES POR LO MENOS 1/2 ACRE EN TAMANO. EL SERVICIO DE CONSERVACION DE RECURSOS NATURALES RESUMEN DE LA ENCUESTA DEL SUELO INDICADO UN LODO DE ARCILLA SANDY PARA LA ZONA AL MENOS OCHO EXCAVACIONES DE SUELO SE REALIZARON EN EL SITIO EN LOS FINES OPISICOS DE LA ZONA DE ELIMINACION PROPUESTA. (ADICIONALES PERFORACIONES NO FUERON NECESARIAS PORQUE LOS SUELOS SON MUY UNIFORME DENTRO DE LA ZONA LIMIT). EL SUELO ES UN LAMINOS GRISOS MARAVILLOSOS QUE SE EXTIENDEN HASTA 35" DE ABajo DE LA PARTE INTERIOR DE LAS EXCAVACIONES PROPUESTAS. NO HAY INDICACION DE AGUA SUBTERRANEA O UNA CAPA RESTRICTIVA DENTRO DE 24" DE LA PARTE INTERIOR DE LAS EXCAVACIONES PROPUESTAS. LA SUBDIVISION SE DRENA BIEN EL SUELO ES UN SUELO DE CLASE III.

EL COSTO PARA INSTALAR UN TANQUE SEPTICO EN UN LOTE INDIVIDUAL ES \$... INCLUIDO EL PERMISO Y LICENCIA REQUERIDOS. EL OSSF HA SIDO INSTALADO PARA LOTES 3 A 14 SE HA INSTALADO A LA VEZ PARA LA APROBACION DE PLATA FINAL A UN COSTO TOTAL DE \$ 16,740.00. EL DEPARTAMENTO DE SALUD DEL CONDADO DE HIDALGO HA INSPECCIONADO Y APROBADO LA INSTALACION DE LOS OSSF PARA LOS LOTES 3 A 14 A 22 DE MAYO DE 2017. NO SE HAN INSTALADO OSSF EN LOS LOTES 1, 2 Y 15 A PARTIR DEL TIEMPO DE SOLICITUD PARA LA APROBACION FINAL. CON LA PRESENTACION DE ESTA PLATA FINAL, EL SUBDIVIDOR ESTA PROPORCIONANDO GARANTIAS FINANCIERAS ADECUADAS DE RENOVIMIENTO EN FORMA DE CHEQUE PERSONAL REPRESENTANDO UN "DEPOSITO EN EFECTIVO" QUE SERA REALIZADO POR EL CONDADO DE HIDALGO EN FIDUCIARISMO EN EL MONTO DE \$... QUE ES EL TOTAL ESTIMADO COSTO PARA INSTALAR UN SISTEMA DE TANQUE SEPTICO EN CADA UNO DE LOS LOTES 1, 2 Y 15. EL SUBDIVIDOR INCLUIRA EL COSTO DE UN SISTEMA DE TANQUE SEPTICO EN EL PRECIO DE VENTA DE CADA LOTE.

EN CUALQUIER MOMENTO QUE SE VENDEN LOS LOTES 1, 2 Y 15, EL COMPRADOR DEBE INICIAR LA INSTALACION DE UN SISTEMA OSSF ESCRIBIR O LLAMAR AL SUBDIVIDOR. EL SUBDIVIDOR SERA RESPONSABLE DE ENVIAR AL DEPARTAMENTO DE SALUD DEL CONDADO DE HIDALGO CONVO SOLICITUD DE PERMISO PARA INSTALAR UN FISCAL. EL SISTEMA OSSF DEBE INSTALARSE EN EL LOTE ANTES DE QUE EL CONDADO PUBLIQUE UNA LUZ FINAL Y DESPACHO DE AGUA.

EL TANQUE SEPTICO EXISTENTE Y EL CAMPO DE DRENAJE PARA EL LOTE 16 FUERON DESCUBIERTOS, INSPECCIONADOS REPARADOS Y LUGAR EN ORDEN DE TRABAJO ACCUADO POR ISAC MATA, LICENCIA DE OSSF # 004378 Y APROBADOS POR EL DEPARTAMENTO DE SALUD AMBIENTAL DEL CONDADO DE HIDALGO.

INGENIERO DE CERTIFICACION:
 POR MI FIRMA ABajo, CERTIFICO QUE LAS INSTALACIONES DE SERVICIO DE AGUA Y DE AGUAS RESIDENCIALES DESCRITAS ANTERIORMENTE ESTAN DE ACUERDO CON EL MODELO DE REGLAS APROBADO BAJO LA SECCION 16.343, CODIGO DE AGUA, CERTIFICO QUE LOS COSTOS ESTIMADOS PARA INSTALAR INSTALACIONES DE AGUAS SIN CONSTRUIR EN EL AGUA Y EN EL SITIO, DISCUSIDAS ANTERIORMENTE, SON LOS SIGUIENTES:
 INSTALACIONES DE AGUA - ESTAS INSTALACIONES TOTALMENTE CONSTRUIDAS, CON LA INSTALACION DE MEDIDORES DE AGUA, COSTARAN UN GRAN TOTAL DE \$...
 INSTALACIONES DE ALCANTARILLADO - SISTEMA SEPTICO SE ESTIMADO A COSTO \$1,416.00 POR LOTE (1000 INCLUIDO), POR UN TOTAL DE \$... PARA TODA LA SUBDIVISION.

THE ESTATES AT PALOMA PARK SUBDIVISION

LOCATION MAP

SCALE: 1" = N.T.S.

