



**Hidalgo County
Planning
Department**

T.J. Arredondo, CFM
Director of Planning

Main Office

2818 S. Business 281
Edinburg, Texas 78539
Phone (956) 318-2840
Fax (956) 318-2844

Precinct No. 1 Substation

1900 Joe Stephens Ave. Ste. A
Weslaco, Texas 78596
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 1

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

Date: 4/21/23

North Alamo Water Supply Corporation (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 Christy Sanchez

420 S Doolittle Rd Edinburg, Tx 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

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

SAME

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

PAULINO E. SALINAS DBA S&S PAVING (956)533-4722

18335 CANTU RD EDINBURG TX 78541 PO BOX 3722 MISSION TX 78573

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:

N/A

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?

NAWSC

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

Bing a 18 acre tract of land out of lot 12 & 13 Blk 35 Santa Cruz Gardens
Unit no 2

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?

South of Ramseyer Rd

11. Where is the destination of the line?

North of Ramseyer Rd



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12. Utility Crossing Coordinate X: 1105864.9760 Y: 16657495.6200
(NAD 83 Texas South FIPS 4205 feet)
13. Number and size of lines:
1-line; 8" waterline with 16" steel casing
14. Pressure (each line):
35 PSI
15. Content (each line):
Potable Water
16. Estimated date of installation of Pipeline or Utility:
As soon as permit gets approved.



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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 be 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 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 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 Hidalgo County, and in the name of Hidalgo County, any claim or litigation brought against 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 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 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 21st day of April, 2023.

Christian Sanchez

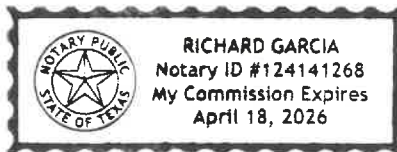
(Name of Applicant – Printed or Typed)

By: *Christian Sanchez*
Signature

Title: New Accounts Supervisor

STATE OF TEXAS
COUNTY OF HIDALGO

SUBSCRIBED AND SWORN TO before me the Applicant,
Christian Sanchez, on this 21st day of April, 2023,
to which witness my hand and seal of office.



Richard Garcia
Notary Public for the State of Texas

My Commission Expires: 4-18-26



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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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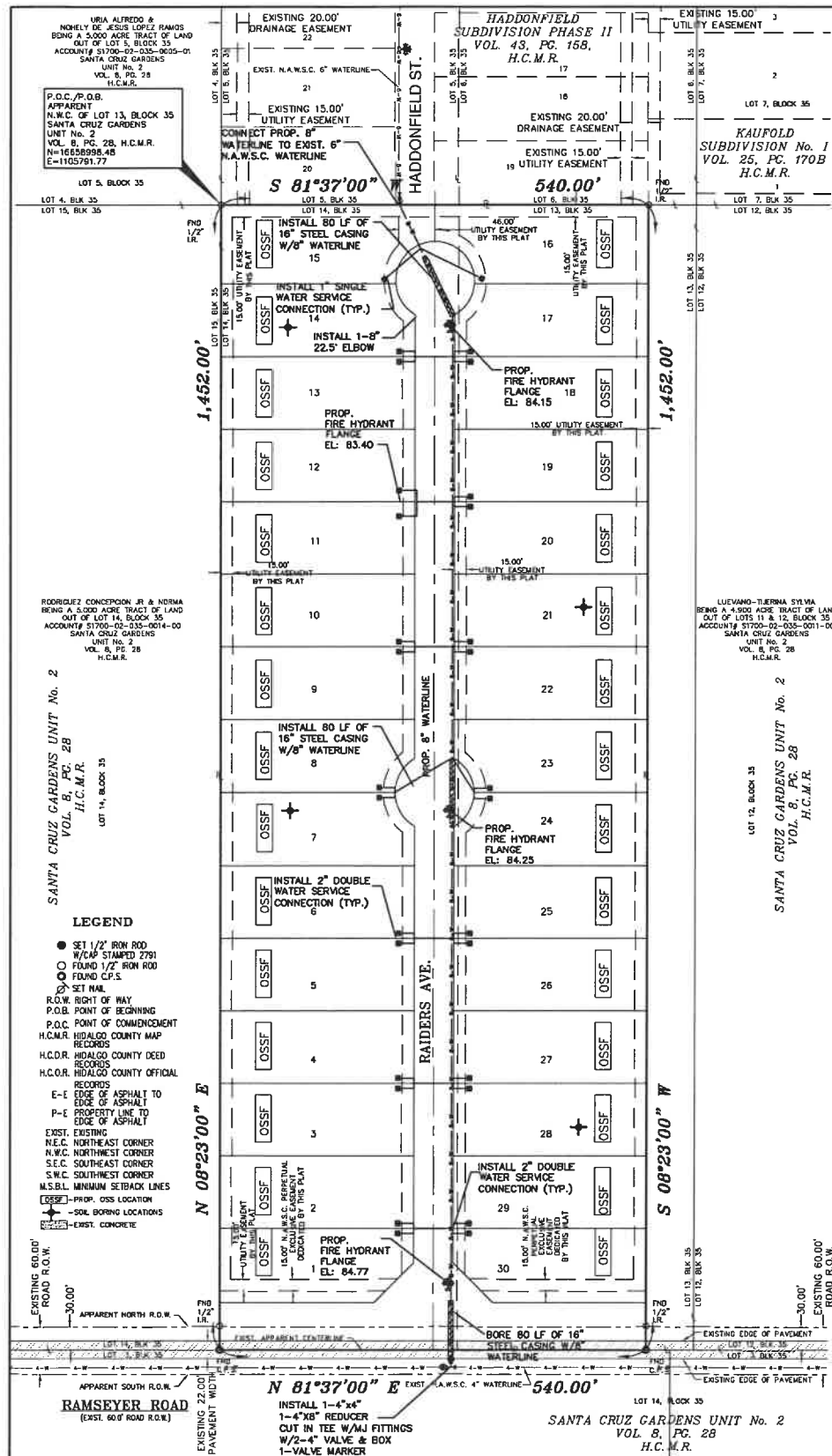
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EXHIBIT A

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



FINAL ENGINEERING REPORT
WATER SUPPLY, DESCRIPTION, COST, AND OPERABILITY DATE:
 COLE CROSSING SUBDIVISION WILL BE PROVIDED WITH POTABLE WATER BY NORTH ALAMO WATER SUPPLY CORPORATION (N.A.W.S.C.). THE SUBDIVISION AND N.A.W.S.C. HAVE ENTERED INTO A CONTRACT IN WHICH N.A.W.S.C. HAS PROMISED TO PROVIDE SUFFICIENT WATER TO THE SUBDIVISION FOR AT LEAST 30 YEARS AND N.A.W.S.C. HAS PROVIDED DOCUMENTATION TO SUFFICIENTLY ESTABLISH THE LONG TERM QUANTITY AND QUALITY OF THE AVAILABLE WATER SUPPLIES TO SERVE THE FULL DEVELOPMENT OF THIS SUBDIVISION.

N.A.W.S.C. HAS AN EXISTING 6" DIAMETER WATER LINE RUNNING ALONG THE WEST SIDE OF THE RIGHT-OF-WAY OF HADDONFIELD ST. AND AN EXISTING 4" DIAMETER WATER LINE RUNNING ALONG THE SOUTH SIDE OF THE RIGHT-OF-WAY OF RAMSEYER ROAD. WATER DISTRIBUTION SYSTEM FOR THE COLE CROSSING SUBDIVISION WILL BE PROVIDED BY AN 8" WATERLINE RUNNING ALONG THE WEST SIDE OF THE RIGHT-OF-WAY OF RAMSEYER AVENUE AND CONNECTING TO SAID 6" WATER LINE ALONG THE NORTH SIDE AND CONNECTING TO EXISTING 4" WATER LINE ALONG RAMSEYER ROAD.

COLE CROSSING SUBDIVISION WILL CONSIST OF THIRTEEN (13) 1" DIAMETER DUAL SERVICE LINES RUNNING IN PAIRS OF LOTS BEFORE SPLITTING INTO 1/2" DIAMETER SERVICE LINES AND FOUR (4) 3/4" DIAMETER SINGLE SERVICE LINES SAID SERVICES TERMINATE AT THE WATER METER BOXES FOR EACH LOT. THE DUAL SERVICES AND 3/4" SINGLE SERVICES, AND THE METER BOXES WILL BE INSTALLED AT A TOTAL COST OF \$2,000.00 OR \$200.00 PER LOT. IN ADDITION, THE SUBDIVIDER HAS PAID N.A.W.S.C. (NORTH ALAMO WATER SUPPLY CORPORATION) THE SUM OF \$2,000.00, WHICH COVERS THE \$100.00 COST PER LOT AS STATED IN THE 30 YEAR WATER SERVICE AGREEMENT WHICH 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 N.A.W.S.C. (NORTH ALAMO WATER SUPPLY CORPORATION) UPON REQUEST BY THE LOT OWNER, N.A.W.S.C. (NORTH ALAMO WATER SUPPLY CORPORATION) WILL PROMPTLY INSTALL AT NO CHARGE THE WATER METER FOR THAT LOT. THE SUBDIVIDER HAS INSTALLED THREE (3) FIRE HYDRANTS AT A UNIT COST OF \$2,250.00 FOR A TOTAL COST OF \$7,250.00. THE ENTIRE WATER FACILITIES HAVE BEEN APPROVED AND ACCEPTED BY N.A.W.S.C. AND SAID DISTRIBUTION SYSTEM IS OPERABLE AS OF THE DATE OF THE RECORDING OF THIS PLAT.

SEWAGE FACILITIES DESCRIPTION, COST AND OPERABILITY DATES UTILIZING PERSONAL CHECK:
 SEWAGE FOR COLE CROSSING SUBDIVISION IS BEING TREATED BY INDIVIDUAL ON-SITE SEWAGE FACILITIES ("OSSF") CONSISTING OF A STANDARD DESIGN DUAL COMPARTMENT SEPTIC TANK AND A DRAIN FIELD FOR THE LOT. ISAAC MATA WITH MATA'S SEPTIC TANKS 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. THE LOT HAS ADEQUATE AREA FOR A REPLACEMENT DRAINFIELD.

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, FOUR (4) 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 LIMITS AREA). THE SOIL IS A UNIFORM SANDY LOAM EXTENDING UP TO 36" BELOW THE BOTTOM OF ANY PROPOSED EXCAVATIONS. THERE IS NO INDICATION OF GROUNDWATER OR A RESTRICTIVE LAYER WITHIN 24" OF BOTTOM OF THE PROPOSED EXCAVATIONS. THE SUBDIVISION DRAINS WELL.

THE COST TO INSTALL A SEPTIC SYSTEM ON AN INDIVIDUAL LOT IS \$2,200.00, INCLUDING THE COSTS FOR THE REQUIRED PERMIT AND LICENSE. THIRTY (30) SEPTIC TANKS HAVE BEEN INSTALLED FOR A TOTAL AMOUNT OF (\$66,000.00), WHICH IS THE ESTIMATED TOTAL COST TO INSTALL A SEPTIC TANK SYSTEM FOR THE ENTIRE SUBDIVISION. THE SUBDIVIDER WILL INCLUDE THE COST OF A SEPTIC TANK SYSTEM IN THE SALE PRICE OF THE LOT.

AT ANY TIME AFTER THE LOT IS SOLD, THE PURCHASER MAY INITIATE INSTALLATION OF A SEPTIC SYSTEM BY WRITING OR CALLING THE SUBDIVIDER AND THEN FILING WITH THE HIDALGO COUNTY HEALTH DEPARTMENT AN APPLICATION FOR A PERMIT TO CONSTRUCT SEPTIC SYSTEM. SEPTIC TANK SYSTEMS SHALL BE INSTALLED ON THE LOT PRIOR TO THE COUNTY ISSUING A FINAL LIGHT AND WATER CLEARANCE.

WATER & SEWAGE 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 UNCONSTRUCTIVE WATER AND ON-SITE SEWAGE FACILITIES, DISCUSSED ABOVE, ARE AS FOLLOWS:

WATER FACILITIES - THESE FACILITIES ARE FULLY CONSTRUCTED, WITH THE INSTALLATION OF WATER METERS, WILL COST A GRAND TOTAL OF \$12,000.00.
 SEWAGE FACILITIES - SEPTIC SYSTEMS HAVE BEEN INSTALLED AT A TOTAL COST OF \$66,000.00.

ISRAEL POSADAS, P.E.
 REGISTERED PROFESSIONAL ENGINEER No. 89435
 DATE: _____



STANDARD FIRE HYDRANT INSTALLATION
 MULLER (SUPER CENTURION 250 A-423) OR AMERICAN DARLING B-84-B (SEE NOTE 4) ONLY
 NOTE: FIRE HYDRANT TO BE PAINTED RED.

- NOTE:
- SOIL SHALL BE PLACED IN HYDRANT AT THE TIME OF INSTALLATION.
 - PUMPER NOZZLE SHALL FACE ROADWAY (3/4" N.S.T.).
 - IN CERTAIN INSTANCES, WHERE DISTRICT PERMITS, A PARALLEL TEE OR UNION-TYPE 90° ELBOW W/RESTRAINING LUGS MAY BE USED IN LIEU OF A STANDARD TEE. FINAL APPROVAL BY THE CITY OF WESLACO REQUIRED.
 - IF AMERICAN DARLING IS USED MODEL B-84-B W/EXPORT COAT VALVE PLATE AND INTERIOR SHOE.
 - TAPPING SLEEVES TO HAVE STAINLESS STEEL BOLTS AND NUTS.
 - ALL VALVES, FITTINGS & HYDRANTS & ACCESSORIES TO BE GREASED WRAPPED IN PLASTIC.
 - ALL VALVES, FITTINGS AND ACCESSORIES, VALVE BOXES, METER BOXES AND COVERS MUST BE APPROVED BY THE CITY OF WESLACO.
- FIRE HYDRANT INSTALLATION CONSIST OF FIRE HYDRANT, VALVE AND VALVE BOX
- FIRE HYDRANT UNIT SHALL INCLUDE:
- FIRE HYDRANT w/ (4 1/2" PUMPER NOZZLES)
 - VALVE BOX (CONCRETE)
 - 3 CU. FT. GRAVEL
 - 3 CU. FT. CONCRETE 1" BELOW HYDRANT NEEP HOLES
 - 1" OR BETTER PVC SPOOLS
 - 1" RESILIENT SEAT GATE VALVE (FLANGED X M.J.)
 - 3/4" CAST IRON TEE (FLANGED X M.J.)
 - 5" WATER MAIN DIA.
 - MECHANICAL JOINT
 - FLANGE

FINAL ENGINEERING REPORT (VERSION ESPAÑOL):
PROVISIÓN DE AGUA, DESCRIPCIÓN, GASTOS Y FECHAS DE INICIO
 LA SUBDIVISION COLE CROSSING SUBDIVISION RECIBIRÁ SU PROVISIÓN DE AGUA DE NORTH ALAMO WATER SUPPLY CORPORATION (N.A.W.S.C.). EL DUEÑO DE LA SUBDIVISION Y LA COMPAÑIA N.A.W.S.C. HAN FIRMADO UN CONTRATO POR EL CUAL LA SUBDIVISION RECIBIRÁ SU PROVISIÓN DE AGUA POR LOS PRÓXIMOS 30 AÑOS. LA COMPAÑIA N.A.W.S.C. TENDRÁ QUE PRESENTAR DOCUMENTACIÓN PARA DEMOSTRAR A LARGO PLAZO LA CANTIDAD Y CALIDAD DE AGUA ACCESIBLE PARA SERVIR EL FUTURO DESARROLLO DE LA SUBDIVISION.

EL SISTEMA DE PROVISIÓN DE AGUA PARA LA SUBDIVISION COLE CROSSING SUBDIVISION CONSISTE DE UN CONDUCTO DE AGUA DE N.A.W.S.C. DE DOCHO (8) PULGADAS DE DIÁMETRO PARA LOS LOTES ESTOS CONDUCTOS SE SEPARAN PARA PRODUCIR DOS CONDUCTOS DE AGUA DE 1/2 DE PULGADA DE DIÁMETRO PARA CADA LOTE Y CUATRO (4) CONDUCTOS DE AGUA DE 1 PULGADA DE DIÁMETRO PARA LOS LOTES. LOS DOBLE-CONDUCTOS DE AGUA DE 1 PULGADA DE DIÁMETRO Y LOS CUATRO (4) MEDIDORES MECÁNICOS DE AGUA ESTÁN INSTALADOS A UN COSTO TOTAL DE \$2,000.00 O \$200.00 POR LOTE. EL DUEÑO DE LA SUBDIVISION TAMBIÉN LE HA PAGADO A LA COMPAÑIA N.A.W.S.C. LA CANTIDAD DE \$2,000.00, QUE COBRE EL COSTO DEL MEDIDOR MECÁNICO DE AGUA QUE REPRESENTA \$100.00 POR CADA LOTE. ESTE PRECIO INCLUYE EL COSTO DE LA INSTALACIÓN DE CADA MEDIDOR Y LOS GASTOS DE CONEXIÓN. CUANDO EL DUEÑO DE CADA LOTE SOLICITE UN MEDIDOR DE AGUA, LA COMPAÑIA N.A.W.S.C. LE INSTALARÁ SIN ALGUN GASTO AL DUEÑO.

ADICIONAL EL DUEÑO A INSTALADO DOS (2) BOCAS DE REGO (FIRE HYDRANT) AL LADO OESTE DE LA CALLE COLÉ AVENUE EN UN COSTO DE \$17,250.00 QUE SUMAN EL TOTAL DE \$17,250.00. SISTEMA DE AGUA ESTARÁ EN FUNCIONAMIENTO COMPLETO DESPUES DE LA FECHA DE ARCHIVAMIENTO DE ESTA SUBDIVISION.

ORDENAR DESCRIPCIÓN, GASTOS Y FECHA DE INICIO PARA FACILITAR EL DISEÑO PARA LA SUBDIVISION
 SE INSTALARÁ UNA FOSA SÉPTICA EN CADA SOLAR. ESTA FOSA SÉPTICA CONSISTE DE UN TANQUE SÉPTICO DE MODELO DUAL Y DE UN CAMPO DE DRENAJE PARA EL SOLAR. ISAAC MATA DE MATA'S SEPTIC TANKS HA EVALUADO EL ÁREA DONDE SE ENCUENTRA LA SUBDIVISION Y HA PREPARADO UN REPORTE QUE CONCLUYE QUE ESTE TERRENO ES ADECUADO PARA ESAS FOSAS SÉPTICAS (OSSF). EL REPORTE FUE APROBADO POR EL DEPARTAMENTO DE SALUBRIDAD DEL CONDADO DE HIDALGO (HIDALGO COUNTY HEALTH DEPARTMENT) SEGUN EL REPORTE.

CADA LOTE EN LA SUBDIVISION MIDE MEDIO ACRE. SE HICIERON CUATRO EXCAVACIONES DE EVALUACIÓN EN LUGARES OPUESTOS EN LA SUBDIVISION (EXCAVACIONES ADICIONALES NO FUERON NECESARIAS PORQUE EL TERRENO EN ESTA ÁREA ES SIGNIFICATIVAMENTE UNIFORME). EL TERRENO ES UNIFORME (TERRENO ARENOSO Y SUELO FRANCO) Y SE EXTIENDE A 36 PULGADAS BAJO TODAS LAS EXCAVACIONES PROPUESTAS. NO EXISTE EVIDENCIA DE AGUA SUBTERRANEA O UNA CAPA RESTRICTIVA DE AGUA DENTRO DE 24 PULGADAS MAS ARRIBA DE LO MAS BAJO DE LAS EXCAVACIONES PROPUESTAS. EL AGUA EN ESTA ÁREA FLUYE BIEN.

EL COSTO TOTAL PARA LA INSTALACIÓN DE UN SISTEMA INDIVIDUAL DE FOSAS SÉPTICAS POR SOLAR ES DE \$22,000.00 DOLÁRES, INCLUYENDO EL COSTO DEL PERMISO REQUERIDO Y LICENCIA. EN ESTOS MOMENTOS TODAS LAS FOSAS SÉPTICAS HAN SIDO INSTALADAS EN EL PROCESO DE LA APROXIMACION FINAL. A UN COSTO TOTAL DE \$66,000.00. EL DEPARTAMENTO DE SALUBRIDAD DEL CONDADO DE HIDALGO HA INSPECCIONADO TODOS LAS FOSAS SÉPTICAS Y HA APROBADO LA INSTALACIÓN DE LAS FOSAS SÉPTICAS DESDE (FECHA DE INSPECCIÓN).

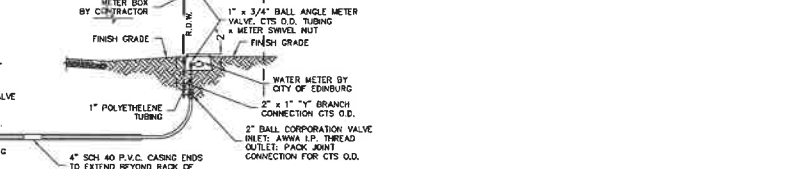
CERTIFICACION:
 CON MI FIRMA, CERTIFICO QUE LOS SERVICIOS Y SISTEMAS DE AGUA Y DE DRENAJE, DESCRITOS EN ESTE DOCUMENTO CUMPLEN CON LAS MODEL SUBDIVISION RULES (LAS REGLAS GOBERNANDO A LAS SUBDIVISIONES), ADOPTADAS EN LA SECCION 16.343 DEL TEXAS WATER CODE (CONDADO DE AGUA DE TEXAS), CERTIFICO QUE LOS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

AGUA: EL SISTEMA/SERVICIO DE AGUA SERA INSTALADO Y COMPLETAMENTE CONSTRUIDO INCLUYENDO EL MEDIDOR MECÁNICO DE AGUA QUE COSTARÁ UN TOTAL DE \$12,000.00.
 DRENAJE: SE ESTIMA QUE LA FOSA SÉPTICA COSTARÁ \$22,000.00 A UN COSTO TOTAL DE \$66,000.00 TODA LA SUBDIVISION.

ISRAEL POSADAS, P.E.
 REGISTERED PROFESSIONAL ENGINEER No. 89435
 DATE: _____



TYPICAL DOUBLE WATER SERVICE CONNECTION



TWO 500-GALLON SEPTIC TANKS IN SERIES
 N.T.S.



LOCATION MAP
 SCALE: 1" = 4000'

PREPARED BY:
 SDI ENGINEERING, L.L.C.
 5602 E. IOWA RD.
 EDINBURG, TEXAS 78540

DATE PREPARED: JULY 21, 2021
 DATE SURVEYED: JULY 21, 2021

COLE CROSSING SUBDIVISION IS LOCATED WITHIN HIDALGO COUNTY PRECINCT No. 4 IN THE CENTRAL AREA OF HIDALGO COUNTY ON THE NORTH SIDE OF RAMSEYER ROAD, APPROXIMATELY 800.00 FEET WEST FROM THE INTERSECTION OF CWN ROAD. THE ONLY NEARBY MUNICIPALITY IS THE CITY OF EDINBURG, ACCORDING TO THE OFFICIAL MAP IN THE OFFICE OF THE SECRETARY OF THE CITY OF EDINBURG, THE POPULATION IS 71,000. COLE CROSSING SUBDIVISION LIES APPROXIMATELY 2.0 MILES NORTH FROM THE CITY LIMITS AND IS INSIDE THE FIVE (5) MILE EXTRAJURISDICTIONAL JURISDICTION (ETJ) UNDER LOCAL GOVERNMENT CODE 212.001.

COLE CROSSING SUBDIVISION
 BEING A 18.000 ACRE TRACT OF LAND OUT OF LOTS 12 & 13, BLOCK 35, SANTA CRUZ GARDENS UNIT No. 2, AS PER MAP RECORDED IN VOLUME 8, PAGE 28, MAP RECORDS, HIDALGO COUNTY, TEXAS.



FILED FOR RECORD IN HIDALGO COUNTY ARCHIVO QUILARDO, JR. HIDALGO COUNTY CLERKS

ON: _____ AM/PM
 INSTRUMENT NUMBER _____ PAGE _____
 RECORDED IN VOL. _____ OF THE MAP RECORDS OF HIDALGO COUNTY, TEXAS

BY: _____ DEPUTY

NAME	ADDRESS	PHONE NUMBER	FAX NUMBER
OWNER: MARK J. FRYER, PRESIDENT, CASCABEL ESTAES INC.	2320 ANACUA CIR. EDINBURG, TEXAS 78539	(956) 607-0082	N/A
ENGINEER: ISRAEL POSADAS, P.E.	5602 E. IOWA RD., EDINBURG, TEXAS 78540	(956) 287-1818	(956) 287-3697
SURVEYOR: HOMERO LUIS GUTIERREZ, R.P.L.S.	P.O. BOX 548, McALLEN, TEXAS 78505	(956) 369-0988	N/A

SDI ENGINEERING, LLC
 CIVIL • TRANSPORTATION • PLANNING • STORMWATER

5602 E. IOWA RD., EDINBURG, TEXAS 78542
 (956) 287-1818 PH. (956) 287-3697 FAX
 INFO@SDI-ENGINEERING.COM
 TPE REG. NO. F-13016

SOIL EVALUATION REPORT INFORMATION							SOIL EVALUATION REPORT INFORMATION						
LOT 7							LOT 21						
DEPTH (FEET)	TEXTURE CLASS	SOIL TEXTURE	STRUCTURE (PER CLASS & BLOCKY PLAT OR BUREL)	DRAINAGE (BOTTLES/ WATER TABLE)	RESTRICTIVE HORIZON	OBSERVATIONS	DEPTH (FEET)	TEXTURE CLASS	SOIL TEXTURE	STRUCTURE (PER CLASS & BLOCKY PLAT OR BUREL)	DRAINAGE (BOTTLES/ WATER TABLE)	RESTRICTIVE HORIZON	OBSERVATIONS
0							0						
1	SANDY LOAM		N/A	N/A	NONE	SOIL IS SATURATED FOR OSSF	1	SANDY LOAM		N/A	NONE	NONE	SOIL IS SATURATED FOR OSSF
2	SANDY LOAM						2	SANDY LOAM					
3	SANDY LOAM						3	SANDY LOAM					
4	SANDY LOAM						4	SANDY LOAM					
5	SANDY LOAM						5	SANDY LOAM					