



# 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: 8-10-2021

PROPOSED GRAPEFRUIT ACRES PHASE 2 SUBDIVISION PRECINCT No. 1.

ENGINEER: NAIN ENGINEERING, LLC. DEVELOPER: GARVIC PROPERTIES, LP.

PRELIMINARY APPROVAL     FINAL APPROVAL     FINAL APPROVAL WITH FINANCIAL GUARANTEE     WITH VARIANCE

NUMBER OF LOTS: 24  \*SINGLE FAMILY     \*MULTI-FAMILY     COMMERCIAL     INDUSTRIAL

ESTIMATED NUMBER OF STREETLIGHTS: N/A

FILLING STATIONS: 3

LOCATION DESCRIPTION: EAST OF JESUS FLORES ROAD APPROXIMATELY 600 FEET NORTH OF GARCIA STREET.

SUBDIVISION LIES WITHIN THE:  THE RURAL AREA OF THE COUNTY.

DRAINAGE REPORT WAS APPROVED BY HCDD#1: ON 7-27-2021 PROPERTY LIES WITHIN FLOOD ZONE: "X" AS PER FEMA.

DRAINAGE DESIGN: DRAINAGE WILL BE PROVIDED BY NATURAL PERCOLATION AND SURFACE RUNOFF WILL DRAIN INTO JESUS FLORES ROAD SIDE DITCH.

ROAD R.O.W. DEDICATION: 30.0 FEET ONTO JESUS FLORES ROAD AND 10.0 FEET ONTO GRAPEFRUIT DRIVE.

H.C.R.O.W. PRELIMINARY APPROVAL DATE: 7-1-2021 BY, DANNY GUZMAN, PCT. 1 R.O.W. AGENT

H.C.H.D. PRELIMINARY APPROVAL DATE: 6-29-2021 BY, ENVIRONMENTAL HEALTH DIVISION

SEWER SYSTEM:  OSSF'S

WATER SERVICE PROVIDER: NAWSC EXISTING LINE SIZE: 8" LOCATION: JESUS FLORES ROAD.

H.C.E.O.C. PRELIMINARY APPROVAL DATE: 8-23-2021 : BY ENVIRONMENTAL COMPLIANCE COORDINATOR

**LARGE CONSTRUCTION**

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

PRELIMINARY APPROVAL FROM THE  
HIDALGO COUNTY COMMISSIONERS COURT ON: \_\_\_\_\_

STAFF RECOMMENDS:  **Preliminary Approval** *subject comments and future recommendations by planning and other departments.*

**Final Approval** *subject to recommendations other departments*

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

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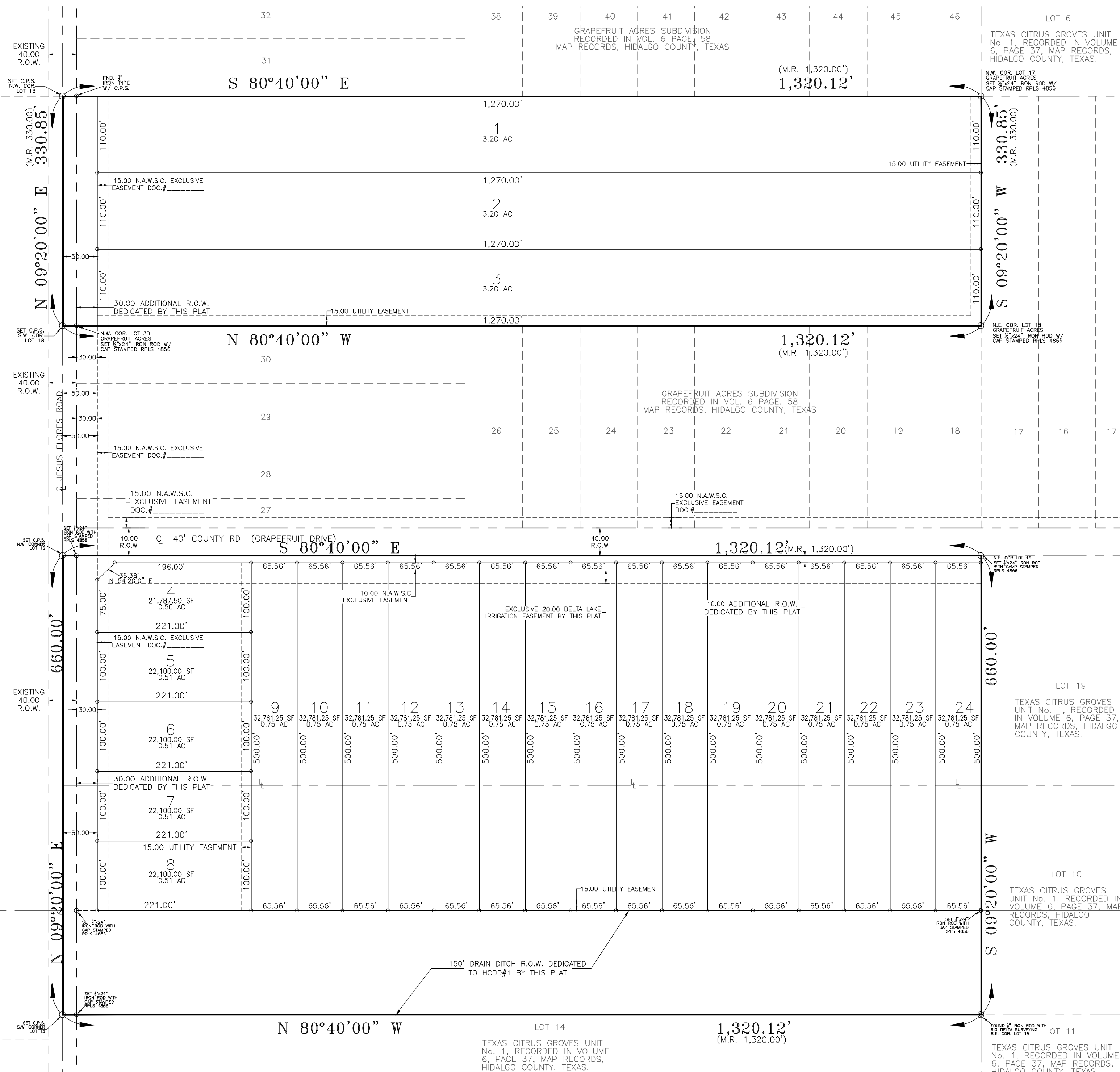
# GRAPEFRUIT ACRES PHASE 2 SUBDIVISION

A 30.02 (M.R. 30.00) ACRE TRACT OF LAND BEING ALL OF LOT 15, 16 AND 18, TEXAS CITRUS GROVES UNIT No.1, HIDALGO COUNTY, TEXAS ACCORDING TO THE MAP OR PLAT THEREOF RECORDED IN VOLUME 6, PAGE 37

## GENERAL SUBDIVISION PLAT NOTES

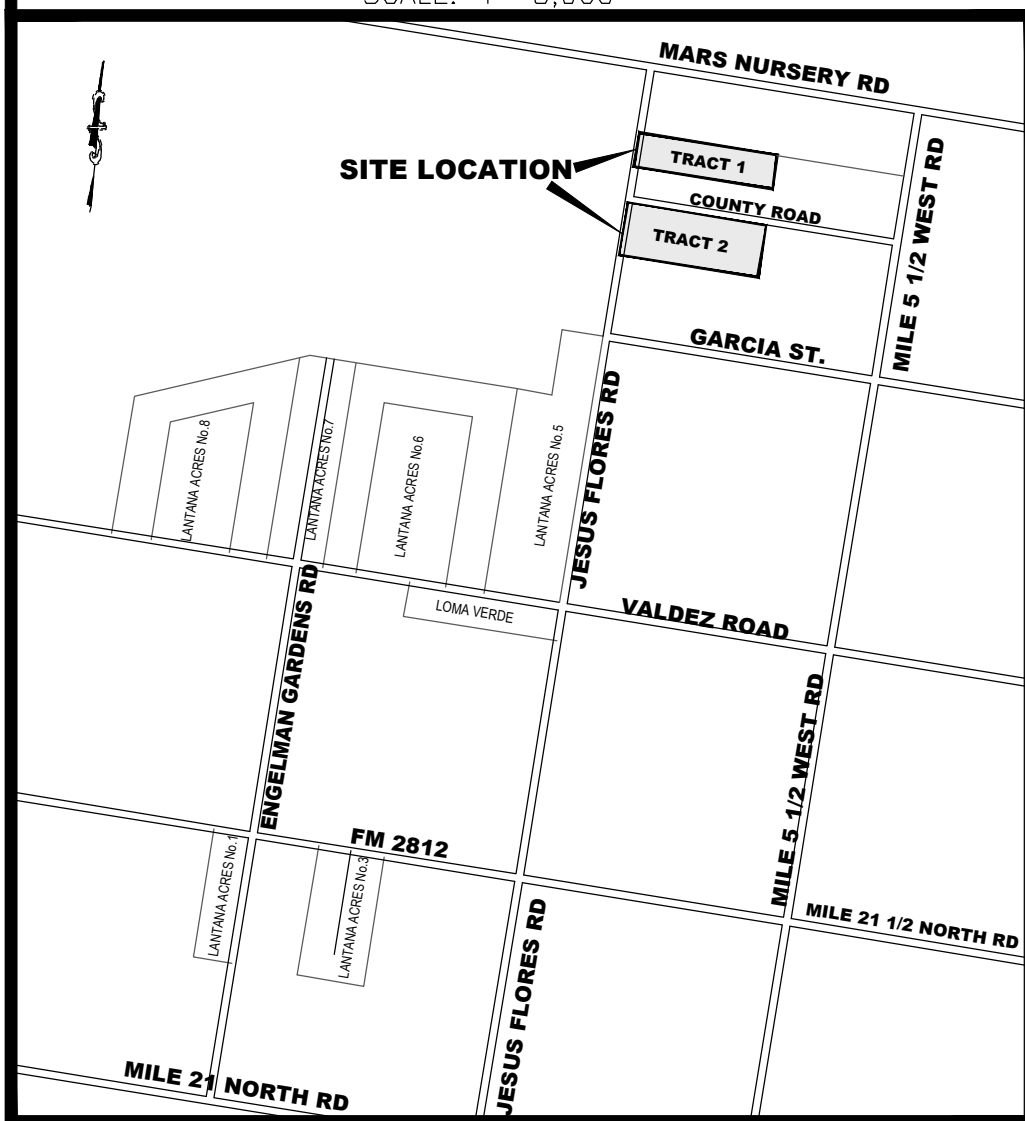
- MINIMUM FINISH FLOOR ELEVATION SHALL BE AT 18" ABOVE THE TOP OF THE STREET CURB WHEN MEASURED AT THE CENTER FRONT OF ALL THE LOTS. ELEVATION CERTIFICATE MAY BE REQUIRED FOR LOTS LOCATED OUTSIDE A DESIGNATED FLOOD ZONE AT THE TIME FOR APPLICATION FOR CONSTRUCTION TO VERIFY PRE AND POST CONSTRUCTION FINISH FLOOR ELEVATIONS. AN ELEVATION CERTIFICATE SHALL BE REQUIRED FOR ALL LOTS WITHIN A DESIGNATED FLOOD ZONE AT THE TIME OF A DEVELOPMENT PERMIT APPLICATION.
- THIS SUBDIVISION IS LOCATED IN: ZONE "X" (UNSHADED) AREAS DETERMINED TO BE OUTSIDE 500-YEAR FLOOD PLAIN. FEMA FIRM COMMUNITY PANEL No. 480334 0350 C EFFECTIVE DATE: JUNE 6, 2000. REVISED TO REFLECT LOMR MAY 17, 2001
- CONSTRUCTION OF RESIDENTIAL HOUSING WITHIN ANY AREA OF THE SUBDIVISION THAT IS IN THE 100-YEAR FLOOD PLAIN IS PROHIBITED UNLESS THE HOUSING QUALIFIES FOR INSURANCE UNDER THE NATIONAL FLOOD INSURANCE ACT OF 1968 (42 U.S.C. SECTIONS 4001 THROUGH 4127).
- SETBACKS:  
FRONT: 50.00 FEET FRONTING JESUS FLORES ROAD  
FRONT: 30.00 FEET OR EASEMENT WHICHEVER IS GREATER  
REAR: 15.00 FEET OR EASEMENT WHICHEVER IS GREATER  
CORNER SIDE: 15.00 FEET OR EASEMENT WHICHEVER IS GREATER  
SIDE: 6.00 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 MARSHAL APPROVAL). APPLICATIONS FOR CONSTRUCTION ARE REQUIRED PRIOR TO OCCUPYING THE LOT.
- LEGEND - DENOTES 1/2" IRON ROD SET WITH A PLASTIC CAP STAMPED RPLS 4856, UNLESS OTHERWISE NOTED.
- BENCHMARK NOTE: THE FOLLOWING BENCHMARK IS IDENTIFIED ON THE FACE OF THE PLAT AND ON THE PLAT AND ON THE ATTACHED ENGINEERING PLANS.  
B.M. No.1 - ELEV. = COTTON PICKER SPINDLE FOUND AT THE SOUTH CORNER OF THE SUBDIVISION ON NAVD 88 DATUM.
- IN ACCORDANCE WITH THE HIDALGO COUNTY DRAINAGE DISTRICT NO. 1 AND HIDALGO COUNTY REQUIREMENTS, THIS DEVELOPMENT WILL BE REQUIRED TO DETAIN A TOTAL OF 84,102 CUBIC-FEET (1.93 ACRE-FEET) OF STORM WATER RUNOFF. DRAINAGE RETENTION IN ACCORDANCE WITH THE LOCAL REQUIREMENTS WILL BE ACCOMPLISHED AS FOLLOWS: (SEE SHEET No.3 FOR STORM SEWER IMPROVEMENTS.)
- 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 PURCHASED 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 OCCUPYING 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 SEWAGE ONLY. 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 ANALYSES HAVE BEEN SUBMITTED TO THE AUTHORIZED HIDALGO COUNTY DEPARTMENT AND EXCERPTS MAY BE ALSO SEEN ON THE UTILITY LAYOUT FOR THIS SUBDIVISION AS SUBMITTED TO THE HIDALGO COUNTY PLANNING DEPARTMENT. THE ENGINEER HAS DETERMINED THAT THE SOIL IS SUITABLE FOR A STANDARD SEPTIC TANK AND ABSORPTIVE DRAINFIELD SYSTEM.  
E. APPROVED "OSSF" PERMIT APPLICATION IS REQUIRED INCLUDING INDIVIDUAL LOT PLANNING MATERIALS PRIOR TO OCCUPYING A LOT.
- THERE ARE NO WATER WELLS WITHIN 150 FEET FROM THE BOUNDARIES ON THIS SUBDIVISION
- GARVIC PROPERTIES, L.P., THE SUBDIVIDER OF GRAPEFRUIT ACRES PHASE 2 SUBDIVISION RETAINS A BLANKET EASEMENT UPON EACH LOT FOR THE PURPOSE OF INSTALLING AN APPROVED OSSF ON THE LOT AS DESCRIBED ON SHEET NO.2 OF THIS PLAT.
- STREET & STOP SIGNS AND STREET LIGHTS INSTALLED BY THE DEVELOPER.
- FIRE HYDRANTS INSTALLED & PAINTED BLACK BY THE DEVELOPER.
- 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.
- 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.

SCALE: 1"=100'



## LOCATION MAP

SCALE: 1"=3,000'



LOCATION OF SUBDIVISION  
GRAPEFRUIT ACRES PHASE 2 SUBDIVISION IS LOCATED EAST SIDE OF JESUS FLORES ROAD APPROXIMATE 2,000 FEET NORTH OF VALDEZ ROAD. THE ONLY NEARBY MUNICIPALITY IS THE CITY OF EDINBURG, ACCORDING TO THE OFFICIAL MAP IN THE OFFICES OF THE SECRETARY OF THE CITY OF EDINBURG (POPULATION 101,170 - 2010 CENSUS) AND HIDALGO COUNTY PLANNING DEPARTMENT. THIS SUBDIVISION LIES WITHIN THE RURAL AREA OF THE COUNTY. UNDER LOCAL GOVERNMENT CODE 212.001 PRECINCT. NO. 1.

### METES AND BOUNDS TRACT 1 (LOTS 1, 2 and 3)

A 10.00 ACRES OUT OF THE WEST 11.28 ACRES OUT OF LOT 3, AND OUT OF ALL LOT 2, BLOCK 82 CAPISALLO DISTRICT SUBDIVISION OF THE LLANO GRANDE GRANT, ACCORDING TO OFFICIAL MAP RECORDS HIDALGO COUNTY, TEXAS, SAID 4.61 ACRE TRACT OF LAND BEING ALL OF THE LAND DESCRIBED IN DOCUMENT NO. 3050050 IN THE OFFICIAL RECORDS AND ALSO IS BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:  
BEGINNING AT A SET NAIL AT THE SOUTHWEST CORNER OF SAID LOT 14, BLOCK 33 WITHIN THE RIGHT OF WAY RAMSEYER ROAD, FOR THE SOUTHWEST CORNER OF THIS TRACT OF LAND AND THE POINT OF BEGINNING;  
THENCE N 08°23'00" E, WITH THE NORTH LINE OF SAID LOT 14, BLOCK 33 AT A DISTANCE OF 30.00 FEET PASS A 1/2" IRON ROD SET AT THE NORTH RIGHT OF WAY LINE OF SAID RAMSEYER ROAD, CONTINUING A TOTAL DISTANCE OF 1,452.00 FEET TO THE NORTHWEST CORNER OF SAID LOT 14, BLOCK 33, FOR THE NORTHWEST CORNER OF THIS TRACT OF LAND;  
THENCE S 81°37'00" E, WITH THE NORTH LOT LINE OF SAID LOT 14, BLOCK 33, AT A DISTANCE OF 300.00 FEET TO FOUND 1/2" IRON ROD FOR THE NORTHEAST CORNER OF THIS TRACT OF LAND;  
THENCE S 08°23'00" W, WITH THE EAST LINE OF SAID LOT 14, BLOCK 33 FOR A DISTANCE OF 534.38 TO A FOUND NAIL AT THE NORTH RIGHT OF WAY OF SAID MILE 10 NORTH ROAD CONTINUING A TOTAL DISTANCE OF 1,452.00 FEET TO THE SOUTHEAST CORNER OF SAID LOT 14, BLOCK 33, FOR THE SOUTHEAST CORNER OF THIS TRACT OF LAND;  
THENCE N 81°37'00" W, WITH THE SOUTH LINE OF SAID LOT 14, BLOCK 33, AND WITHIN THE RIGHT OF WAY OF SAID RAMSEYER ROAD, A DISTANCE OF 376.00' TO THE POINT OF BEGINNING, CONTAINING 4.61 ACRE TRACT OF LAND MORE OR LESS.

INDEX TO SHEETS OF GRAPEFRUIT ACRES PHASE 2 SUBDIVISION	
SHEET 1	HEADING; INDEX; LOCATION MAP; PRINCIPAL CONTACTS; PLAT WITH LOT, 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 JUDGE CERTIFICATE OF PLAT APPROVAL; DESCRIPTION OF LOCATION OF SUBDIVISION WITH RESPECT TO THE E.T.O. OF A MUNICIPALITY AND DESIGNATE THE PRECINCT THE PROJECT IS SITUATED; H.C.D. NO. 1 CERTIFICATION; AND HBCD REVISION NOTES.
SHEET 2	WATER DISTRIBUTION AND OSSF MAP; TYPICAL WATER SERVICE CONNECTION; REVISION NOTES; ENGINEERING REPORT (ENGLISH AND SPANISH VERSION), INCLUDING DESCRIPTION OF WATER AND OSSF AND ENGINEER'S CERTIFICATION (ENGLISH AND SPANISH VERSIONS); OWNER'S DEDICATION, CERTIFICATION, AND ATTESTATION; TYPICAL WATER SERVICE CONNECTION.
	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.

### METES AND BOUNDS TRACT 2 (LOTS 4 THROUGH 24)

A 20.00 ACRES OUT OF THE WEST 11.28 ACRES OUT OF LOT 3, AND OUT OF ALL LOT 2, BLOCK 82 CAPISALLO DISTRICT SUBDIVISION OF THE LLANO GRANDE GRANT, ACCORDING TO OFFICIAL MAP RECORDS HIDALGO COUNTY, TEXAS, SAID 4.61 ACRE TRACT OF LAND BEING ALL OF THE LAND DESCRIBED IN DOCUMENT NO. 3050050 IN THE OFFICIAL RECORDS AND ALSO IS BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:  
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STATE OF TEXAS  
COUNTY OF HIDALGO  
COUNTY OF WILLYAY

This plat, GRAPEFRUIT ACRES PHASE 2, has been submitted to and considered by the Delta Lake Irrigation District of Willyay and Hidalgo County, Texas and is hereby approved by such district. All rights, rules and regulations of Delta Lake Irrigation District existing prior to the submission of this plat are not abridged by the subsequent approval of this plat by the said district, notwithstanding any provision of notation otherwise in this plat. (This requirement will be inapplicable if any rights, rules, or regulations of the District are intended by the District to be abridged.) Delta Lake Irrigation District will not allow any structures 15 feet from the centerline of a pipeline or 25 feet from the inside toe of any main or lateral canal or drainage ditch and that no fencing will be installed or remain on any districts easements or right of way unless approved by the District management. All approved fencing will be required to have gates providing a minimum opening of 16 feet. Subject to notice that irrigation water is available only at existing irrigation outlets. Any modifications, change or additional outlets must be approved by the district, and be at expense of the owner.

Any failure to record this plat in the office of the County Clerks Office of Willyay or Hidalgo County within one year after this date shall cause this approval to become VOID.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS \_\_\_\_ DAY OF \_\_\_\_\_ 20\_\_\_\_

APPROVED BY: \_\_\_\_\_  
PRESIDENT: Joe Pennington

ATTEST BY: \_\_\_\_\_  
SECRETARY: Richard Ruppert

PRINCIPAL CONTACTS:			
Name	Address	City & Zip	Phone
OWNER: GARVIC PROPERTIES, L.P.	5121 W. HIGHWAY 107	EDINBURG, TEXAS 78539	(956)
J. GARY FRISBY, VP.			
ENGINEER: GUILLERMO A. ARRATIA, P.E.	526 N. 5TH STREET	DONNA, TEXAS 78537	(956) 784-0218
SURVEYOR: ALFONSO QUINTANILLA, R.P.L.S.	124 F. SUITBS	EDINBURG, TEXAS 78539	(956) 381-6480

RIGHT OF WAY EASEMENT

KNOW ALL MEN BY THESE PRESENTS, THAT THE UNDERSIGNED, OWNERS OF THE PROPERTY SHOWN ON THIS PLAT, THEIR SUCCESSORS, ASSIGNS, AND TRANSFEREES ( HEREINAFTER CALLED "GRANTOR" WHETHER ONE OR MORE PERSONS ARE NAMED), IN CONSIDERATION OF ONE DOLLAR (\$1.00) AND OTHER GOOD AND VALUABLE CONSIDERATION PAID BY NORTH ALAMO WATER SUPPLY CORPORATION, (HEREINAFTER CALLED "GRANTEE"), THE RECEIPT AND SUFFICIENCY OF WHICH IS HEREBY ACKNOWLEDGED, DOES HEREBY GRANT, BARGAIN, SELL, TRANSFER, AND CONVEY TO SAID GRANTEE, ITS SUCCESSORS, AND ASSIGNS, AN EXCLUSIVE PERPETUAL EASEMENT WITH THE RIGHT TO ERECT, CONSTRUCT, INSTALL AND LAY THEREAFTER USE, OPERATE, INSPECT, REPAIR, MAINTAIN, REPLACE, AND REMOVE WATER DISTRIBUTION LINES AND APPURTENANCES OVER AND ACROSS THE LANDS SHOWN ON THIS PLAT, TOGETHER WITH THE RIGHT OF INGRESS AND EGRESS OVER GRANTOR'S ADJACENT LANDS FOR THE PURPOSE FOR WHICH THE ABOVE MENTIONED RIGHTS ARE GRANTED. THE EASEMENT HEREBY GRANTED SHALL NOT EXCEED 15' IN WIDTH, AND GRANTEE IS HEREBY AUTHORIZED TO DESIGNATE THE COURSE OF THE EASEMENT HEREIN CONVEYED EXCEPT THAT WHEN THE PIPELINE(S) IS INSTALLED, THE EASEMENT HEREIN GRANTED SHALL BE LIMITED TO A STRIP OF LAND 15' IN WIDTH, THE CENTER LINE THEREOF BEING THE PIPELINE INSTALLED. IN THE EVENT THE EASEMENT HEREBY GRANTED ABUTS ON A PUBLIC ROAD AND THE CITY, COUNTY OR STATE HEREAFTER WIDENS OR RELOCATES THE PUBLIC ROAD SO AS TO REQUIRE THE RELOCATION OF THIS WATER LINE AS INSTALLED, GRANTEE FURTHER GRANTS TO GRANTEE AN ADDITIONAL EASEMENT OVER AND ACROSS THE LAND SHOWN ON THIS PLAT FOR THE PURPOSE OF LATERALLY RELOCATING SAID WATER LINE AS MAY BE NECESSARY TO CLEAR THE ROAD IMPROVEMENTS, WHICH EASEMENT HEREBY GRANTED SHALL BE LIMITED TO A STRIP OF LAND 15' IN WIDTH, THE CENTER LINE THEREOF BEING THE PIPELINE AS RELOCATED. THE CONSIDERATION RECITED HEREIN SHALL CONSTITUTE PAYMENT IN FULL FOR ALL DAMAGES SUSTAINED BY GRANTEE BY REASON OF THE INSTALLATION, MAINTENANCE, REPAIR, REPLACEMENT AND RELOCATION OF THE STRUCTURES REFERRED TO HEREIN. THIS AGREEMENT TOGETHER WITH OTHER PROVISIONS OF THIS GRANT SHALL CONSTITUTE AN EASEMENT FOR THE BENEFIT OF THE GRANTEE, ITS SUCCESSORS, AND ASSIGNS. THE GRANTEE COVENANTS THAT IT IS THE OWNER OF THE ABOVE-DESCRIBED LANDS AND THAT SAID LANDS ARE FREE AND CLEAR OF ALL ENCUMBRANCES AND LIENS EXCEPT THE FOLLOWING: THE EASEMENT CONVEYED HEREIN WAS OBTAINED OR IMPROVED THROUGH FEDERAL FINANCIAL ASSISTANCE. THIS EASEMENT IS SUBJECT TO THE PROVISIONS OF TITLE VI OF THE CIVIL RIGHTS ACT OF 1964 AND THE REGULATIONS ISSUED PURSUANT THERETO FOR SO LONG AS THE EASEMENT CONTINUES TO BE USED FOR THE SAME OR SIMILAR PURPOSE FOR WHICH FINANCIAL ASSISTANCE WAS EXTENDED OR FOR SO LONG AS THE GRANTEE OWNS IT, WHICHEVER IS LONGER.

IN WITNESS WHEREOF THE SAID GRANTEE EXECUTED THIS INSTRUMENT THIS \_\_\_\_ DAY OF \_\_\_\_\_ 20\_\_\_\_

GARY FRISBY, VP  
GARVIC MANAGEMENT, INC.

STATE OF TEXAS COUNTY OF HIDALGO  
OWNER'S DEDICATION, CERTIFICATION, AND ATTESTATION

GARVIC PROPERTIES, L.P.  
AS OWNER OF THE 30.00 ACRES TRACT OF LAND ENCOMPASSED WITHIN THE PROPOSED GRAPEFRUIT ACRES PHASE 2 SUBDIVISION HEREBY SUBDIVIDE THE LAND AS DEPICTED IN THIS SUBDIVISION PLAT AND DEDICATE TO PUBLIC USE OF STREETS, PARK, AND EASEMENTS SHOWN HEREIN.

I CERTIFY THAT I HAVE COMPLIED WITH THE REQUIREMENTS OF TEXAS LOCAL GOVERNMENT CODE §232.032 AND THAT:

- (A) THE WATER QUALITY AND CONNECTIONS TO THE LOTS MEET, OR WILL MEET, THE MINIMUM STATE STANDARDS;
- (B) SEWER CONNECTIONS TO THE LOTS OR SEPTIC TANKS MEET, OR WILL MEET, THE MINIMUM REQUIREMENTS OF STATE STANDARDS;
- (C) ELECTRICAL CONNECTIONS PROVIDED TO THE LOTS MEET, OR WILL MEET, THE MINIMUM STATE STANDARDS; AND
- (D) GAS CONNECTIONS, IF AVAILABLE, PROVIDED TO THE THE LOTS MEET, OR WILL MEET, THE MINIMUM STATE STANDARDS.

I ATTEST THAT THE MATTERS ASSERTED IN THIS PLAT ARE TRUE AND COMPLETE.

J. GARY FRISBY, VP  
GARVIC MANAGEMENT, INC. DATE \_\_\_\_\_

STATE OF TEXAS COUNTY OF HIDALGO

BEFORE ME, THE UNDERSIGNED AUTHORITY ON THIS DAY PERSONALLY APPEARED J. GARY FRISBY, VP OF GARVIC PROPERTIES, L.P. KNOWN TO ME TO BE THE PERSON (S) WHOSE NAME (S) IS (ARE) SUBSCRIBED TO THE FOREGOING INSTRUMENT. AND ACKNOWLEDGED TO ME THAT HE (THEY) EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATIONS THEREIN EXPRESSED AND IN THE CAPACITY THEREIN STATED.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, THIS THE \_\_\_\_ DAY OF \_\_\_\_\_ 20\_\_\_\_

STATE OF TEXAS  
COUNTY OF HIDALGO

UNDER LOCAL GOVERNMENT CODE § 232.028(o)

WE THE UNDERSIGNED CERTIFY THAT THIS PLAT OF THE GRAPEFRUIT ACRES PHASE 2 SUBDIVISION WAS REVIEWED AND APPROVED BY THE HIDALGO COUNTY COMMISSIONERS COURT ON \_\_\_\_\_

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

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

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 TEX. WATER CODE §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 OF THE SUBDIVISION AND ITS ENGINEER TO MAKE THESE DETERMINATIONS.

HIDALGO COUNTY DRAINAGE DISTRICT No. 1

RAUL SESIN, P.E., C.F.M.  
GENERAL MANAGER DATE \_\_\_\_\_

HIDALGO COUNTY CERTIFICATE OF PLAT APPROVAL

I, THE UNDERSIGNED CERTIFY THAT THIS PLAT OF GRAPEFRUIT ACRES PHASE 2 SUBDIVISION WAS REVIEWED AND APPROVED BY THE HIDALGO COUNTY HEALTH DEPARTMENT ON, \_\_\_\_\_

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

STATE OF TEXAS  
COUNTY OF HIDALGO

I, GUILLERMO A. ARRATIA A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF TEXAS, HEREBY CERTIFY THAT PROPER ENGINEERING CONSIDERATION HAS BEEN GIVEN TO THIS PLAT.

DATED THIS THE \_\_\_\_ DAY OF \_\_\_\_\_ 20\_\_\_\_

*Guillermo Arratia, P.E.*  
REGISTERED PROFESSIONAL ENGINEER  
No. 34001 STATE OF TEXAS

STATE OF TEXAS  
COUNTY OF HIDALGO

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

*Alfonso Quintanilla*  
REGISTERED PROFESSIONAL LAND SURVEYOR  
No. 4856

ALFONSO QUINTANILLA  
R.P.L.S. No. 4856 DATE \_\_\_\_\_

**NAIN ENGINEERING, L.L.C.**  
CONSULTING ENGINEER  
FIRM No. F-9050  
526 N. STREET DONNA, TEXAS 78537 PH. (956) 784-0218  
E-MAIL: NAINENGINEERING@YAHOO.COM

**FINAL WATER AND SEWER ENGINEERING REPORT**

**WATER SUPPLY: DESCRIPTION, COST, AND OPERABILITY DATE:**  
GRAPEFRUIT ACRES PHASE 2 SUBDIVISION HAS BEEN PROVIDED WITH POTABLE WATER BY NORTH ALAMO WATER SUPPLY CORPORATION (N.A.W.S.C.). THE SUBDIVIDER AND N.A.W.S.C. HAVE ENTERED INTO A CONTRACT IN WHICH N.A.W.S.C. HAS PROMISED TO PROVIDE POTABLE 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 ONE EXISTING 8" WATER LINE WITHIN A 15 FOOT NAWSC EASEMENT ALONG THE EAST SIDE OF JESUS FLORES ROAD AND ALONG THE NORTH SIDE OF AN EXISTING 40 FOOT COUNTY ROAD.

**WATER DISTRIBUTION FOR THE GRAPEFRUIT ACRES PHASE 2 SUBDIVISION** CONSISTS OF ELEVEN (11)-1" DIAMETER DUAL SERVICE LINES, TWO (2) 3/4" SINGLE SERVICE LINES, TWO (2) 1/2" DIAMETER DUAL SERVICE LINES, SINGLE SERVICES, THE METER BOXES & LOCKS HAVE ALREADY BEEN INSTALLED AT A TOTAL COST OF \$ OR \$ PER LOT. IN ADDITION, THE SUBDIVIDER HAS PAID N.A.W.S.C. THE SUM OF \$ WHICH COVERS THE COST PER LOT AS STATED IN THE 30 YEAR WATER SERVICE AGREEMENT WHICH SUM REPRESENTS THE TOTAL COST OF WATER METER, RIGHTS ACQUISITION FEES, AND ALL MEMBERSHIP OR OTHER FEES ASSOCIATED WITH CONNECTING THE INDIVIDUAL LOTS IN THE SUBDIVISION TO N.A.W.S.C. UPON REQUEST BY THE LOT OWNER, N.A.W.S.C. WILL PROMPTLY INSTALL AT NO CHARGE THE WATER METER FOR THAT LOT. 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 THE PLAT.

**SEWAGE FACILITIES: DESCRIPTION, COST AND OPERABILITY DATE:**  
SEWAGE FROM GRAPEFRUIT ACRES PHASE 2 SUBDIVISION WILL BE TREATED BY INDIVIDUAL ON-SITE SEWAGE FACILITIES (OSSF) CONSISTING OF A STANDARD DESIGN DUAL COMPARTMENTS SEPTIC TANK AND A DRAIN FIELD ON EACH LOT. A REGISTER SANITARIAN BY THE STATE OF TEXAS, HAS EVALUATED THE SUITABILITY OF THE SUBDIVISION SITE FOR OSSF AND SUBMITTED A REPORT CONCLUDING THAT THE SITE IS SUITABLE FOR OSSF. THIS REPORT WAS REVIEWED AND APPROVED BY THE HIDALGO COUNTY HEALTH DEPARTMENT. EACH LOT HAS ADEQUATE AREA FOR A REPLACEMENTS 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 SOIL FOR THE AREA. TOTAL OF BORES WERE DONE (ADDITIONAL BORINGS WERE UNNECESSARY BECAUSE THE SOILS ARE VERY UNIFORM WITHIN THIS LIMIT AREA). THE SOIL IS A UNIFORM SANDY CLAY LOAM EXTENDING UP TO 30" 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 OF THE INSTALLATION OF THE SEPTIC SYSTEM ON AN INDIVIDUAL LOT WAS \$2,000.00 INCLUDING THE COST FOR THE REQUIRED PERMIT AND LICENSE. ALL OSSF'S HAVE BEEN INSTALLED AND FINALIZED AT THIS TIME AT A TOTAL COST OF \$48,000.00. THE HIDALGO COUNTY HEALTH DEPARTMENT HAS INSPECTED AND APPROVED THE INSTALLATION OF ALL OSSF.

**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 COST TO INSTALL THE WATER DISTRIBUTION SYSTEM 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 \$ OR \$ WHICH EQUALS TO \$ PER LOT.

SEWAGE FACILITIES - SEPTIC SYSTEM HAS BEEN INSTALLED AT A TOTAL COST OF \$2,000.00 PER LOT (ALL INCLUSIVE), FOR A TOTAL OF \$48,000.00 FOR THE ENTIRE SUBDIVISION.

**PROVISIÓN DE AGUA: DESCRIPCIÓN, GASTOS Y FECHAS DE INICIO:**  
GRAPEFRUIT ACRES PHASE 2 SUBDIVISION HA SIDO PROVEÍDA DE AGUA POTABLE POR NORTH ALAMO WATER SUPPLY CORP. (N.A.W.S.C.). EL DUEÑO Y N.A.W.S.C. HAN HECHO UN CONTRATO EN CUAL N.A.W.S.C. HA PROMETIDO PROPORCIONAR SUFICIENTE AGUA A LA SUBDIVISION DURANTE AL MENOS 30 AÑOS Y N.A.W.S.C. HA PROPORCIONADO LA DOCUMENTACION PARA ESTABLECER SUFICIENTEMENTE LA CANTIDAD Y LA CALIDAD DE LOS ABASTECIMIENTOS DE AGUA DISPONIBLES PARA SERVIR EL DESARROLLO LLENO DE ESTA SUBDIVISION. N.A.W.S.C. TIENE UNA LINEA DE AGUA DE 8 PULGADAS DE DIAMETRO A LADO ESTE DE LA CALLE JESUS FLORES ROAD Y AL LADO NORTE DE UNA CALLE EXISTENTE DEL CONDADO DE HIDALGO. LA LINEA DE 8 PULGADAS CORRE A LO LARGO DE UN DERECHO DE PASO DE 15 PIES DE NAWSC.

**DISTRIBUCIÓN DE AGUA PARA POLANCO ESTATES SUBDIVISION** CONSISTE EN ONCE (11) LINEAS DE 1" DIAMETRO DE SERVICIO DUAL, DOS (2) LINEAS DE 3/4" DIAMETRO DE SERVICIO SENCILLO CUALES TERMINAN EN LAS CAJAS DEL MEDIDOR CON CANDADOS DE CADA SOLAR. LAS LINEAS DE SERVICIO DUALES Y SENCILLAS DE 3/4" Y LAS CAJAS DEL MEDIDOR HAN SIDO INSTALADAS A UN COSTO TOTAL DE \$ O \$ POR LOTE. EL DUEÑO DE LA SUBDIVISION TAMBIÉN LE HA PAGADO A LA COMPAÑÍA N.E.W.S.C. \$ DE ACUERDO AL CONTRATO DE LA CARTA DE 30 AÑOS LA CUAL CUBRE EL COSTO DEL MEDIDOR MECÁNICO DE AGUA PARA 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 COMPAÑÍA N.E.W.S.C. LO INSTALARÁ SIN ALGUN GASTO AL DUEÑO. EL SISTEMA DE AGUA ESTARÁ EN FUNCIONAMIENTO COMPLETO ANTES DE EN LA FECHA, EN LA CUAL LA SUBDIVISION SEA REGISTRADA EN EL CONDADO DE HIDALGO.

**DRENAJE: DESCRIPCIÓN, GASTOS Y FECHA DE INICIO PARA FACILITAR EL DRENAJE PARA LA SUBDIVISION** SE INSTALARÁ UNA FOSA SEPTICA EN CADA SOLAR. ESTA FOSA SEPTICA CONSISTE DE UN TANQUE SEPTICO DE MODELO DUAL Y DE UN CAMPO DE DRENAJE PARA EL SOLAR. UN EVALUADOR DE SUELOS EH INSTALADOR DE FOSAS POR EL ESTADO DE TEXAS Y AUTOR DE ESTE DOCUMENTO 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 EXCAVACIONES DE EVALUACION DE SUELO EN LUGARES PROPUESTOS 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 PROPUESTAS. NO EXISTE EXISTENCIA DE AGUA 24 PULGADAS MAS ARRIBA DE LO MAS BAJO DE LAS EXCAVACIONES PROPUESTAS. EL AGUA EN ESTA AREA FLUYE BIEN.

EL COSTO TOTAL PARA LA INSTALACION DE UN SISTEMA INDIVIDUAL DE FOSAS SEPTICAS POR SOLAR SON \$2,000.00 DOLARES, INCLUYENDO EL COSTO DEL PERMISO REQUERIDO Y LICENCIA. EN ESTOS MOMENTOS TODAS LAS FOSAS SEPTICAS HAN SIDO INSTALADAS EN EL PROCESO DE LA APROBACION FINAL A UN COSTO TOTAL DE \$48,000.00. EL DEPARTAMENTO DE SALUBRIDAD DEL CONDADO DE HIDALGO HA INSPECCIONADO TODOS LAS FOSAS SEPTICAS Y AH APROBADO LA INSTALACION DEL SISTEMA DE 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 16.343 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 SERA INSTALADO Y COMPLETAMENTE CONSTRUIDO MENOS EL MEDIDOR MECANICO DE AGUA QUE COSTARA UN TOTAL DE \$ O \$ POR LOTE.  
DRENAJE: SE ESTIMA QUE LA FOSA SEPTICA COSTARA \$2,000.00 POR SISTEMA A UN COSTO TOTAL DE \$48,000.00 TODA LA SUBDIVISION.

CONSTRUCTION COST ESTIMATE:	
1-WATER:	\$
2-OSSF:	\$48,000.00
3-PAVING:	0
4-DRAINAGES:	0
TOTAL:	\$

*Guillermo A. Arratia, P.E.*  
GUILLERMO A. ARRATIA, P.E.  
P.E. No. 94001

05-12-2021  
DATE

*Guillermo A. Arratia, P.E.*  
GUILLERMO A. ARRATIA, P.E.  
P.E. No. 94001

05-12-2021  
DATE

**SUBDIVIDER CERTIFICATION:**

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

**SUBDIVIDER STATEMENT:**

1.-I, GARY FRISBY, VP, SUBDIVIDER OF GRAPEFRUIT ACRES PHASE 2 SUBDIVISION HEREBY CERTIFY SEWER PERMITS HAVE BEEN PAID AND ARE ON FILE WITH HIDALGO COUNTY HEALTH DEPARTMENT AND THAT AN ADEQUATE DRINKING WATER SOURCE IS IMMEDIATELY AVAILABLE TO EACH LOT OF THE TYPE, QUANTITY AND QUALITY TO ENABLE EACH PERSON PURCHASING A LOT TO HAVE ADEQUATE WATER TO COMPLY WITH THE REGULATIONS AND THE LAWS OF THE STATE REQUIRED BY STATE AND COUNTY REGULATIONS.

OWNER: \_\_\_\_\_ DATE \_\_\_\_\_

STATE OF TEXAS  
COUNTY OF HIDALGO

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED J. GARY FRISBY KNOWN TO ME BY THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATION THEREIN STATED, GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS TIME \_\_\_\_\_ DAY OF \_\_\_\_\_ 20\_\_\_\_

NOTARY PUBLIC  
MY COMSTUART EXPIRES \_\_\_\_\_

**DRAINAGE REPORT**  
For  
GRAPEFRUIT ACRES PHASE 2 SUBDIVISION

**I. PROJECT LOCATION**

A 30.00 acre Tract of land being all of lots 15, 16 and 18, Texas Citrus Groves Unit No. 1, Subdivision, according to the map recorded in volume 6, page 37, map records, Hidalgo County, Texas, and is located on the east side of Jesus Flores road, 1/4 mile south of Mars Nursery Road and is located in the County of Hidalgo. (Refer to Exhibit B).

**II. FLOOD PLAIN**

The subject tract lies in Zone "X". Areas determined to be outside 500-year flood plain - F.E.M.A.-F.I.R.M. Map No. 480334 0350 C, Map Revised June 6, 2000, Map Revised to Reflect LOMR: May 30, 2002. (Refer to Exhibit C).

**III. SOIL CONDITIONS**

A review of the Soil Survey of Hidalgo County indicates the subject tract lies in an area of predominantly Willacy (70) sandy clay loam soil that has a pour low shrink-swell potential and is listed in Hydrological Group B. (Refer to Exhibit D)

**IV. EXISTING CONDITIONS**

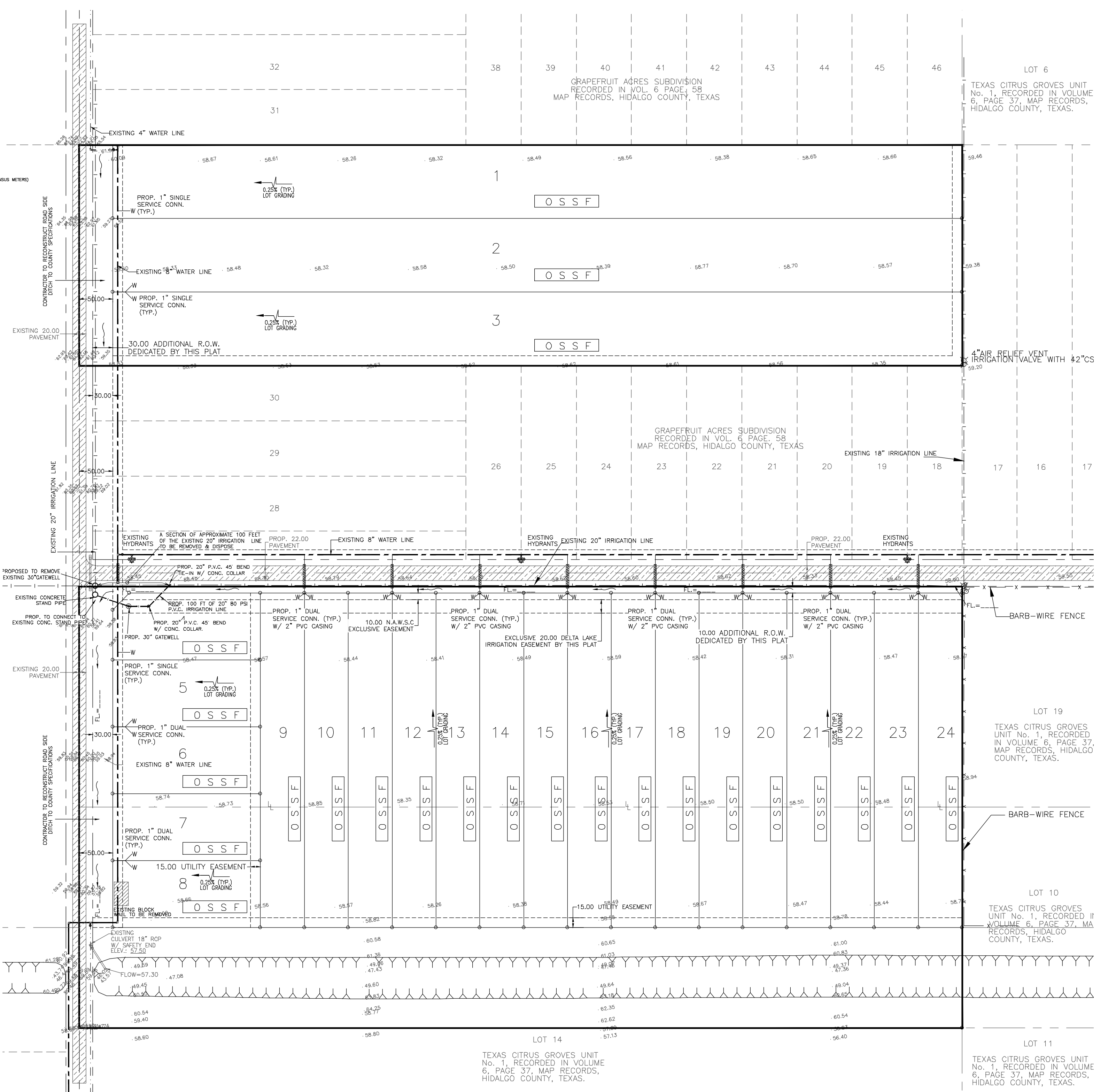
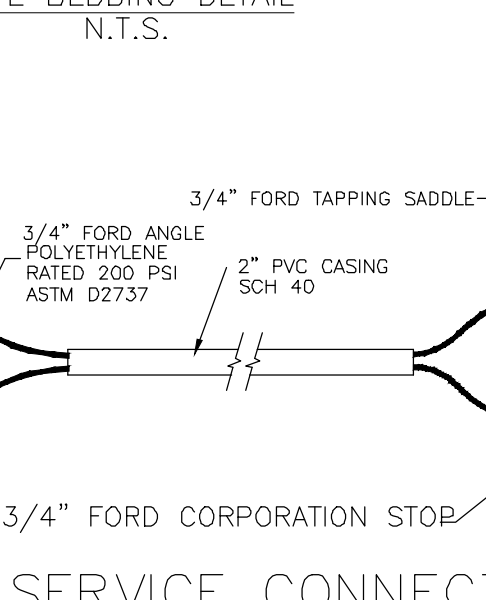
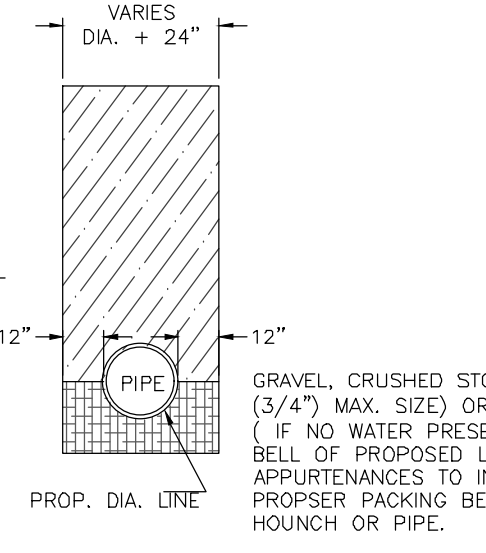
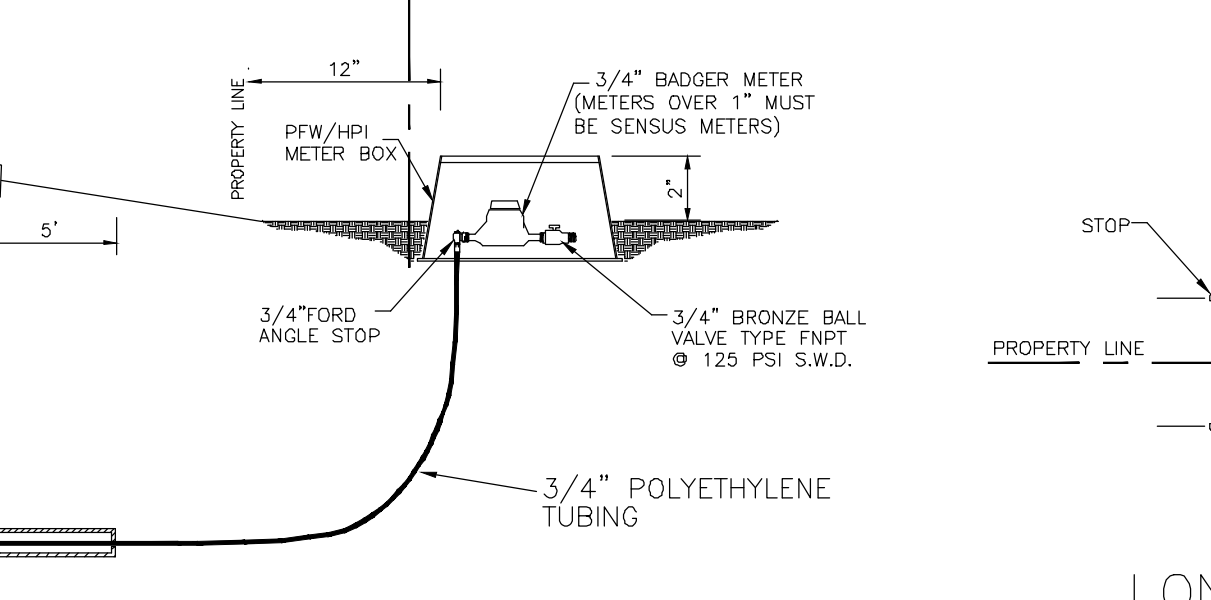
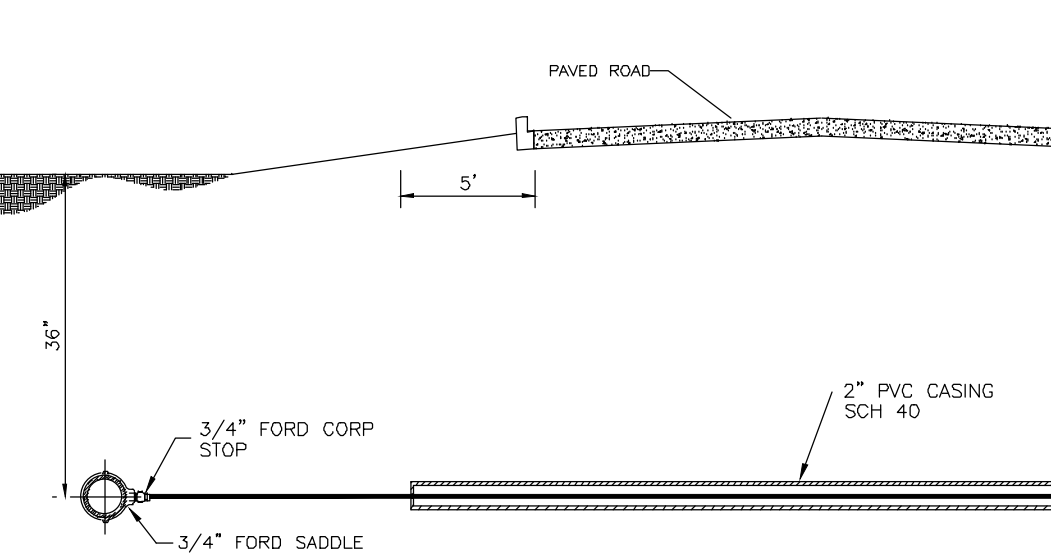
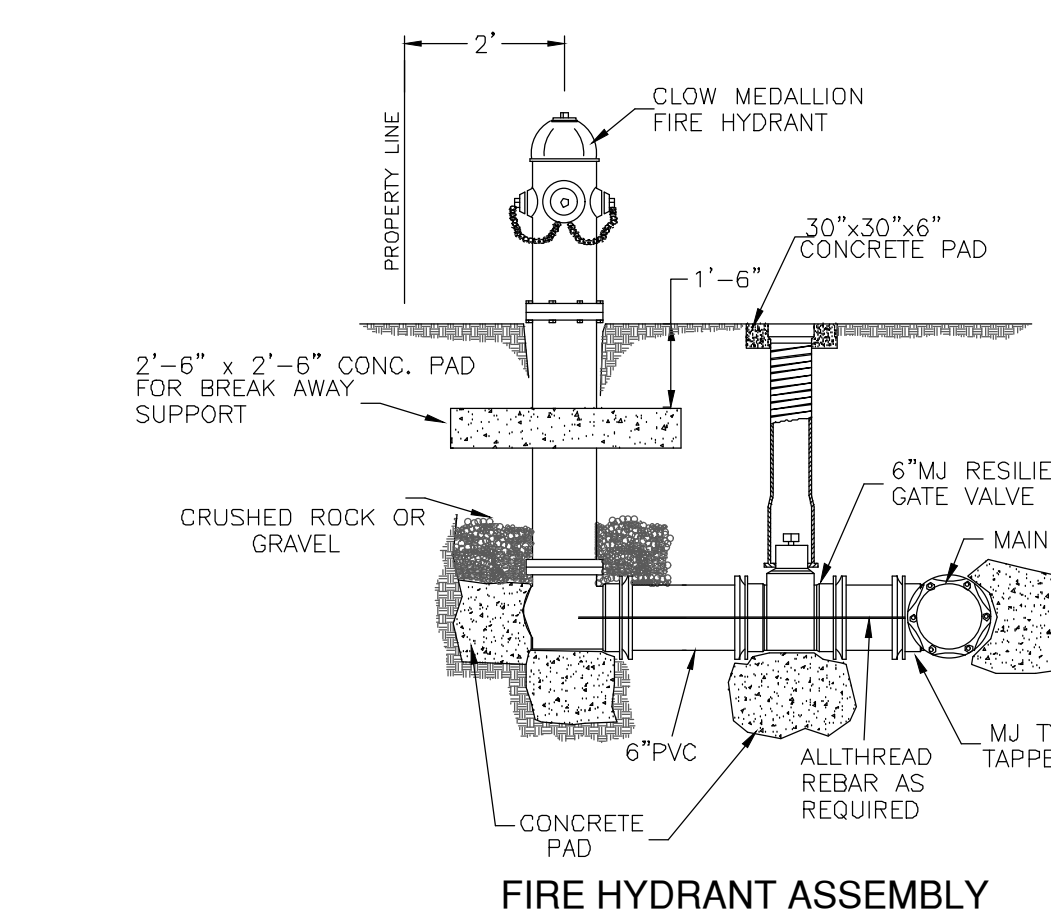
The subject tract is currently undeveloped. The existing terrain has a grade of approximately (0.1%) Existing runoff (14.97 cfs) from the site is by form of sheet flow runs towards the south side of this tract.

**V. PROPOSED CONDITIONS**

The proposed conditions for this subject tract is for 24 lots for residential use. The storm runoff after development will be increase 19.53 cfs for a total 34.5 cfs. I have calculated that 84,107 cf of storm runoff for a 50 year design frequency, and will be detained within the proposed road side ditch and ultimately out falling into an existing drain ditch located on the north side of this subdivision.

*Guillermo A. Arratia, P.E.*  
GUILLERMO A. ARRATIA, P.E.  
P.E. No. 94001

06-16-2021  
DATE



NOTE: PVC ENCASEMENT SHOULD EXTEND THE MINIMUM OF 5' OF EDGE OF PAVEMENT ON BOTH SIDES OF ROAD  
NOTE: MAGNETIC TAPE (CAUTION TAPE) BURIED 16" BELOW NATURAL GROUND

DATE: \_\_\_\_\_ BY: \_\_\_\_\_

REVISION: \_\_\_\_\_

DRAWING DATE: JANUARY 14, 2021  
RELEASE DATE: MARCH 23, 2021  
DESIGNED BY: GUILLERMO A. ARRATIA  
DRAWN BY: JRT  
CHECKED BY: GUILLERMO A. ARRATIA  
SURVEYED BY: ALFONSO DUINTANILLA  
DRAWING SCALE: AS SHOWN

**NAIN ENGINEERING, L.L.C.**  
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STATE OF TEXAS  
GUILLERMO A. ARRATIA  
No. 94001  
REGISTERED PROFESSIONAL ENGINEER

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY GUILLERMO A. ARRATIA, P.E. NO. 94001.  
ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE LAW.

GRAPEFRUIT ACRES SUBDIVISION VOL. 6 PG. 58 HIDALGO COUNTY

WATER LINE SECTION CROSSING AND WATER SYSTEM DETAILS

GRAPEFRUIT ACRES SUBDIVISION

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WATER SECTION DETAILS  
SHEET 5 OF 8