



HIDALGO COUNTY PLANNING DEPARTMENT

T.J. Arredondo, CFM
Director of Planning

1304 SOUTH 25TH STREET
EDINBURG TEXAS 78539
Tel. 956-318-2840 Fax. 956-318-2844

HIDALGO COUNTY COMMISSIONERS COURT MEETING

DATE: 7-01-2019

PROPOSED LAS COMADRES NO. 7 SUBDIVISION PRECINCT No. 3.

ENGINEER: QUINTANILLA, HEADLEY & ASSOCIATES DEVELOPER: CARLOS G. LEAL JR.

PRELIMINARY APPROVAL FINAL APPROVAL FINAL APPROVAL WITH FINANCIAL GUARANTEE WITH VARIANCE

NUMBER OF LOTS: 40 SINGLE FAMILY MULTI-FAMILY COMMERCIAL INSTITUTIONAL

LOCATION DESCRIPTION: WEST OF WESTERN ROAD APPROXIMATELY 300 FEET NORTH OF MILE 7 NORTH ROAD.

SUBDIVISION LIES WITHIN THE: THE RURAL AREA OF THE COUNTY

DRAINAGE REPORT WAS APPROVED BY HCDD#1: ON 6-18-2019 PROPERTY LIES WITHIN FLOOD ZONE: "X" AS PER FEMA.

DRAINAGE DESIGN: DRAINAGE WILL BE PROVIDED BY STORM SEWER SYSTEM AND DETENTION WILL BE PROVIDED BY WIDENING THE EXISTING DRAIN DITCH.

ROAD R.O.W. DEDICATION: 20.00 FEET ONTO WESTERN ROAD.

H.C.R.O.W. PRELIMINARY APPROVAL DATE: 6-18-2019 BY, VICTOR GALLARDO, PCT. 3 R.O.W. AGENT

H.C.H.D. PRELIMINARY APPROVAL DATE: 5-29-2019 BY, ENVIRONMENTAL HEALTH DIVISION

SEWER SYSTEM: OSSF

WATER SERVICE PROVIDER: AGUA SUD LINE SIZE: 8" LOCATION: WESTERN ROAD.

H.C.E.O.C. PRELIMINARY APPROVAL DATE: 6-03-2019 : BY MARTIN RAMIREZ 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.

VARIANCE REQUEST FROM: HIDALGO COUNTY SUBDIVISION RULES TITLE "B" CHAPTER 2 SECTION 2.8 "BLOCKS & LOTS".

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

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.

LAS COMADRES SUBDIVISION No. 7

A 29.95 ACRE TRACT OF LAND BEING ALL OF LOTS 31, 32 AND 33, BLOCK 18, TEXAN GARDENS SUBDIVISION, HIDALGO COUNTY, TEXAS, ACCORDING TO THE PLAT OR MAP THEREOF RECORDED IN VOLUME 8, PAGES 57 AND 58, MAP RECORDS HIDALGO COUNTY, TEXAS, AND ACCORDING TO SPECIAL WARRANTY DEED RECORDED UNDER COUNTY CLERK'S DOCUMENT NUMBER 3011698, OFFICIAL RECORDS, HIDALGO COUNTY, TEXAS.

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

CARLOS LEAL, AS OWNER OF THE 29.95 ACRES TRACT OF LAND ENCOMPASSED WITHIN THE PROPOSED LAS COMADRES SUBDIVISION No. 7, HEREBY SUBDIVIDE THE LAND AS DEPICTED IN THIS SUBDIVISION PLAT AND DEDICATE TO PUBLIC USE THE STREET, PARK, AND EASEMENTS SHOWN HEREIN. I CERTIFY THAT I HAVE COMPLIED WITH THE REQUIREMENTS OF TEXAS LOCAL GOVERNMENT CODE § 232.032 AND THAT:

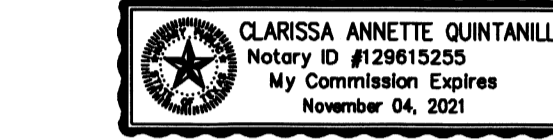
- (A) THE WATER QUALITY AND CONNECTIONS TO THE LOTS MEET, OR WILL MEET, THE MINIMUM STATE STANDARDS;
 - (B) SEWER CONNECTIONS TO THE LOTS OR SEPTIC TANKS MEET, OR WILL MEET, THE MINIMUM REQUIREMENTS OF STATE STANDARDS;
 - (C) ELECTRICAL CONNECTIONS PROVIDED TO THE LOTS MEET, OR WILL MEET, THE MINIMUM STATE STANDARDS; AND
 - (D) CONNECTIONS, IF AVAILABLE, PROVIDED TO THE LOTS MEET, OR WILL MEET, THE MINIMUM STATE STANDARDS.
- I ATTEST THAT THE MATTERS ASSERTED IN THIS PLAT ARE TRUE AND COMPLETE.

CARLOS G. LEAL JR.
P.O. BOX 631
MISSION, TEXAS 78573

BEFORE ME, the undersigned notary public, on this day personally appeared CARLOS LEAL

proved to me through his Texas Department of Public Safety Driver License to be the person whose name is subscribed to the foregoing instrument, who, being by me first duly sworn, declared that the statements therein are true and correct and acknowledged that she executed the same for the purpose and consideration thereby expressed.

Given under my hand and seal of office this _____ day of _____, 20____.



CLARISSA ANNETTE QUINTANILLA - NOTARY PUBLIC

AGUA SPECIAL UTILITY SUPPLY DISTRICT CERTIFICATE

I, JOSE E. SAENZ, HEREBY CERTIFY THAT THE AGUA SPECIAL UTILITY DISTRICT HAS APPROVED THE POTABLE WATER SUPPLY FOR THE LAS COMADRES SUBDIVISION No. 7, HIDALGO COUNTY, TEXAS. THE AGUA SPECIAL UTILITY DISTRICT IS THE HOLDER OF A CERTIFICATE OF CONVENIENCE AND NECESSITY BY THE STATE OF TEXAS TO FURNISH POTABLE WATER TO AN AREA IN HIDALGO COUNTY, TEXAS, THAT INCLUDES THIS SUBDIVISION, AND IS THEREFORE OBLIGATED TO SERVE THIS SUBDIVISION WITH POTABLE WATER TO THE EXTENT REQUIRED BY THE LAWS OF THE STATE OF TEXAS. THE AGUA SPECIAL UTILITY DISTRICT AGREES THAT IT WILL PROVIDE WATER TO THIS SUBDIVISION AT THE TIME WHEN ALL OF THE INFRASTRUCTURE REQUIREMENTS FOR THE SUBDIVISION ARE MET. WATER METERS ARE IMMEDIATELY AVAILABLE FOR THIS PURPOSE UPON COMPLETION OF THE WATER FACILITIES SHOWN ON THE PLAT OF THE SUBDIVISION.

JOSE E. SAENZ
GENERAL MANAGER
AGUA SPECIAL UTILITY DISTRICT

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

WE THE UNDERSIGNED CERTIFY that this plat of the LAS COMADRES SUBDIVISION No. 7 was reviewed and approved by the Hidalgo County Commissioners Court on _____

Hidalgo County Judge _____ DATE _____

ATTEST: Hidalgo County Clerk _____ DATE _____

APPROVED BY 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 THE TEXAS WATER CODE 49.21(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.
GENERAL MANAGER

STATE OF TEXAS COUNTY OF HIDALGO

I, THE UNDERSIGNED, A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF TEXAS, DO HEREBY CERTIFY THAT THE PROPER ENGINEERING CONSIDERATIONS HAVE BEEN GIVEN TO THIS PLAT.

ALFONSO QUINTANILLA
P.E. No. 95534



DATE 6-4-19

FILED FOR RECORD IN
HIDALGO COUNTY
ARTURO GUJARDO, JR.
HIDALGO COUNTY CLERK

ON _____ AT _____ AM/PM
INSTRUMENT NUMBER _____
OF THE MAP RECORDS OF HIDALGO COUNTY, TEXAS

BY: _____ DEPUTY

QUINTANILLA, HEADLEY AND ASSOCIATES, INC.

CONSULTING ENGINEERS
124 E. STUBBS ST.
EDINBURG, TEXAS 78539
ENGINEERING REGISTRATION NUMBER F-1513
SURVEYING REGISTRATION NUMBER 100411-00

SHEET NO. 1 OF 3 SHEETS	F. DATA SUBDIVISION MISSION LAS COMADRES SUBDIVISION No. 7	DATE PREPARED 5-15-2019	DATE REVISION	PREPARED BY LG	CHECKED BY	APPROVED BY

DATE OF PREPARATION MAY 15, 2019

LOT AREA	AREA (S.F.)
1	21838.50
2-3	21789.00
4-5	21838.50
6-7	21789.00
8	21838.50
9	22081.50
10-11	21870.00
12	21919.77
13	24984.18
14	31814.27
15	21917.90
16	21983.57
17	22410.02
18	25636.84
19	24534.20
20	21863.68
21	21979.07
22	21825.77
23	21964.24
24	24017.42
25	24586.63
26	21865.53
27-30	21781.25
31	21822.50
32	21959.50
33-39	21808.00
40	22082.14

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
R.P.L.S. No. 4856

MARCH 26, 2019

SCALE: 1" = 100'

HIDALGO COUNTY IRRIGATION DISTRICT No. 16 CERTIFICATION

THIS PLAT IS HEREBY APPROVED BY HIDALGO COUNTY IRRIGATION DISTRICT NO. 16 ON THIS THE _____ DAY OF _____, 20____.

NO IMPROVEMENTS OF ANY KIND (INCLUDING WITHOUT LIMITATION TREES, FENCES AND BUILDINGS) SHALL BE PLACED UPON HIDALGO COUNTY IRRIGATION DISTRICT NO. 16 RIGHT OF WAYS OR EASEMENTS. APPROVAL OF THIS PLAT DOES NOT RELEASE ANY RIGHTS THAT THE DISTRICT MAY HAVE WHETHER SHOWN OR NOT.

ATTEST: PRESIDENT _____ SECRETARY _____

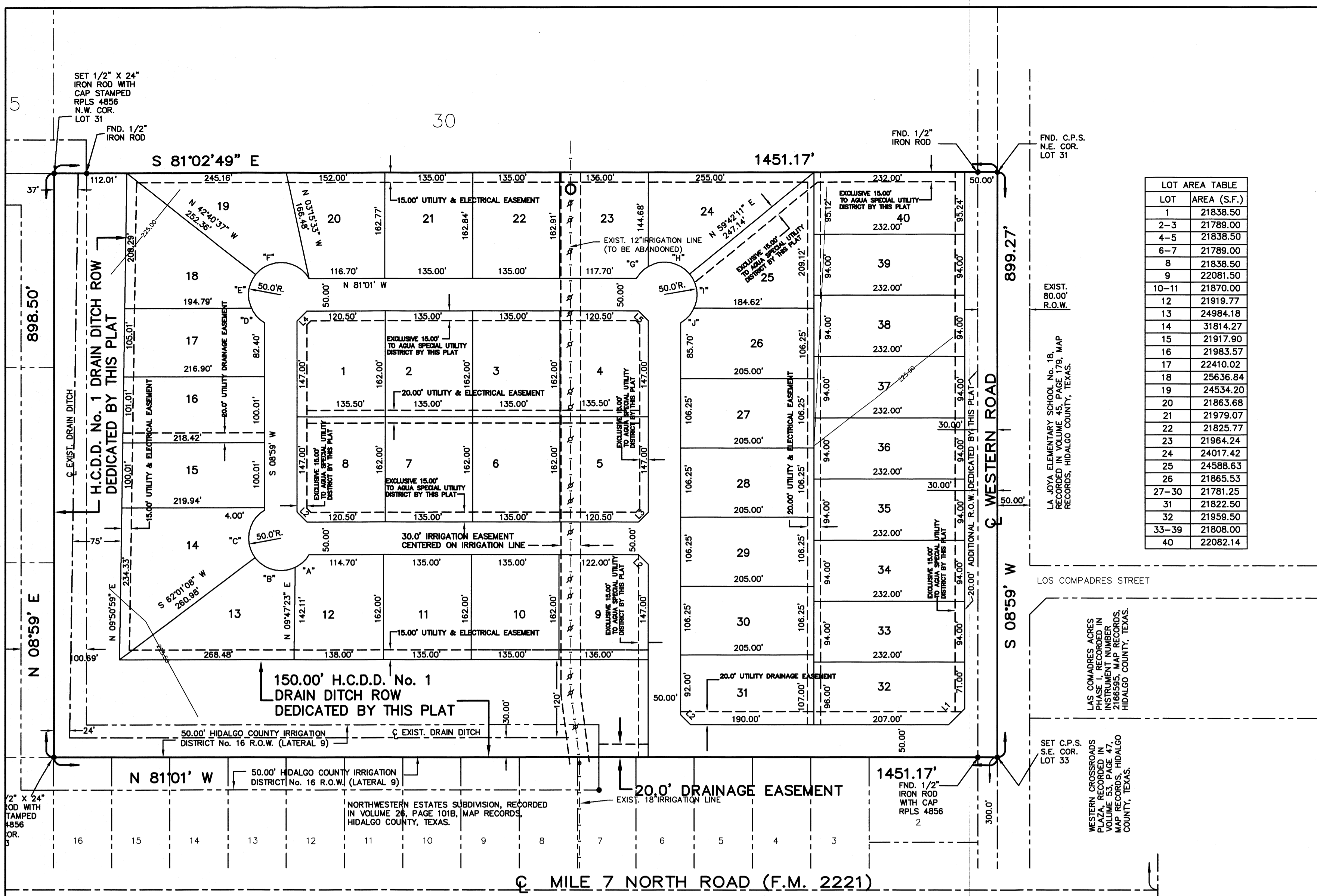
HIDALGO COUNTY CERTIFICATE OF PLAT APPROVAL

I, THE UNDERSIGNED, CERTIFY THAT THIS LAS COMADRES SUBDIVISION No. 7 WAS REVIEWED AND APPROVED BY THE HIDALGO COUNTY HEALTH DEPARTMENT ON _____

ENVIRONMENTAL HEALTH DIVISION MANAGER _____ DATE _____

INDEX TO SHEETS

- SHEET 1
HEADING INDEX: LOCATION MAP AND E.T. PRINCIPAL CONTACTS: MAP: LOT, STREETS, AND EASEMENT LAYOUT; DESCRIPTION (METES AND BOUNDS); ENGINEER'S & SURVEYOR'S CERTIFICATION; PLAT NOTES AND RESTRICTIONS; OWNER'S ACKNOWLEDGMENT; CITY APPROVAL CERTIFICATE; MAYOR'S CERTIFICATE; ADMINISTRATOR'S CERTIFICATE; COUNTY JUDGE SIGNATURE, PLANNING & ZONING CERTIFICATE; HEALTH CERTIFICATION; COUNTY CLERK'S RECORDING CERTIFICATE; H.C.D.D. No. 1 CERTIFICATION; UNITED IRRIGATION DISTRICT CERTIFICATION; REVISION NOTES.
- SHEET 2
ENGINEERING REPORT, INCLUDING DESCRIPTION OF WATER AND SANITARY SEWER AND ENGINEER'S CERTIFICATION (ENGLISH AND SPANISH VERSION), COUNTY CLERK'S RECORDING CERTIFICATE
- SHEET 3
DRAINAGE REPORT INCLUDING DESCRIPTION OF DRAINAGE AND MAP OF TOPOGRAPHY AND DRAINAGE, AND ENGINEERING CERTIFICATION; REVISION NOTES; COUNTY CLERK'S RECORDING CERTIFICATE



LINE DATA TABLE		
DATA	BEARING	LENGTH
L1	S 53°59' W	35.36'
L2	N 36°01' W	21.21'
L3	S 53°59' W	21.21'
L4	N 53°59' E	21.21'
L5	S 36°01' E	21.21'

CURVE DATA TABLE			
CURVE	Δ	RADIUS	LENGTH
"A"	33°53'46"	50.00'	29.58'
"B"	79°08'22"	50.00'	69.08'
"C"	98°17'52"	50.00'	84.62'
"D"	35°32'43"	50.00'	31.02'
"E"	62°47'40"	50.00'	54.80'
"F"	111°39'37"	50.00'	97.44'
"G"	30°00'00"	50.00'	26.18'
"H"	80°43'11"	50.00'	70.44'
"I"	64°08'53"	50.00'	55.95'
"J"	35°09'56"	50.00'	30.69'

PLAT NOTES AND RESTRICTIONS:

- 1.- FLOOD ZONE DESIGNATION: ZONE "X" (UNSHADED) AREAS DETERMINED TO BE OUTSIDE 500 YEAR FLOODPLAIN. COMMUNITY-PANEL NUMBER 480334 0290 D MAP REVISED: JUNE 6, 2000
- 2.- MINIMUM BUILDING SETBACKS:
FRONT: (WESTERN RD.).....50.00 FEET
FRONT:.....25.00 FEET
REAR:.....15.00 FEET
SIDE:.....6.00 FEET
CORNER SIDE:.....20.00 FEET
OR EASEMENT WHICHEVER IS GREATER ON ALL CASES.
- 3.- BENCHMARK NOTE:
THE FOLLOWING BENCHMARK IS IDENTIFIED ON THE FACE OF THE PLAT AND ON THE ATTACHED ENGINEERING PLANS:
B.M. No.1 - ELEV= 224.69 COTTON PICKER SPINDLE FOUND AT THE SOUTHEAST CORNER OF THE SUBDIVISION ON MILE 6 NORTH ROAD. NAVD 88 DATUM.

MINIMUM FINISH FLOOR NOTE:

MINIMUM FINISH FLOOR ELEVATION SHALL BE 18" ABOVE CENTERLINE OF THE STREET OR 18" ABOVE NATURAL GROUND, WHICHEVER IS GREATER. ELEVATION CERTIFICATES 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 FOR A DEVELOPMENT PERMIT APPLICATION.

DRAINAGE:

IN ACCORDANCE WITH THE HIDALGO COUNTY DRAINAGE DISTRICT NO. 1 AND HIDALGO COUNTY REQUIREMENTS, THIS DEVELOPMENT WILL BE REQUIRED TO DETAIN A TOTAL OF 83,337.59 CUBIC FEET (2.14 ACRE FEET) OF STORM WATER RUNOFF. DRAINAGE RETENTION IN ACCORDANCE WITH THE LOCAL REQUIREMENTS WILL BE ACCOMPLISHED AS FOLLOWS:
SEE DRAINAGE REPORT ON SHEET No. 2.

NO WATER WELLS WITHIN 150 FEET FROM THE BOUNDARIES OF THIS SUBDIVISION.

NO STRUCTURE SHALL BE PERMITTED OVER ANY EASEMENT.

EASEMENTS SHALL BE KEPT CLEAR OF FENCES, BUILDINGS, SHEDS, SHRUBS, TREES, AND OTHER PLANTINGS (EXCEPT LAWYER, GRASS, OR FLOWERS) AND OTHER OBSTRUCTIONS THAT WOULD INTERFERE WITH THE OPERATION 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.

LEGEND - DENOTES 1/2" IRON ROD SET WITH PLASTIC CAP STAMPED RPLS 4856, UNLESS OTHERWISE NOTED.

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.

ALL LOTS SHALL HAVE A POST DEVELOPMENT FINISHED GRADE FROM THE REAR OF THE LOT TO THE CURB AND/OR ROADSIDE DITCH AT A 0.25% SLOPE TO ACCOMPLISH POSITIVE DRAINAGE. THIS IS IN ACCORDANCE WITH HIDALGO COUNTY APPENDIX 5: COUNTY CONSTRUCTION SPECIFICATIONS 3.1.4.

THE DEVELOPER SHALL BE RESPONSIBLE TO DETAIN AND ACCOMMODATE MORE THAN THE DETAINED VOLUME SHOW ABOVE IF IT DETERMINES AT THE DEVELOPMENT PERMIT STAGE THAT THE DETENTION REQUIREMENTS ARE GREATER THAN STATED ABOVE DUE TO THE IMPERVIOUS AREA BEING GREATER THAN PLAT ENGINEER CONSIDERED FOR HIS CALCULATIONS OF THIS SUBDIVISION.

CARLOS LEAL THE OWNER & SUBDIVIDER OF LAS COMADRES SUBDIVISION No. 7

RETAINS AN EASEMENT UPON EACH LOT FOR THE PURPOSES OF INSTALLING AN APPROVED OSSF ON THE LOT AS DESCRIBED ON SHEET No. 2 OF THIS PLAT.

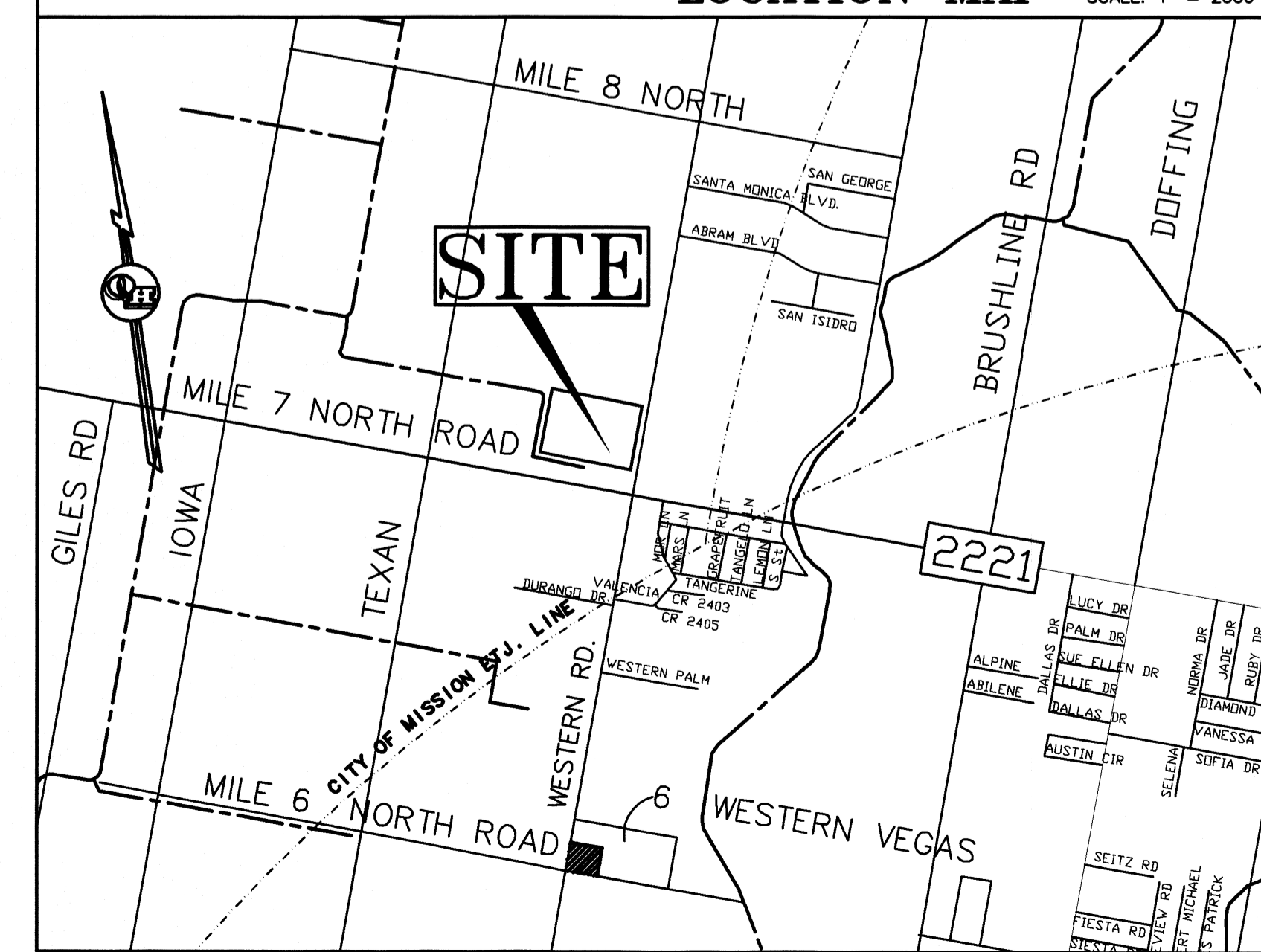
LOCATION OF SUBDIVISION WITHIN THE JURISDICTION OF A MUNICIPALITY:

LAS COMADRES SUBDIVISION No. 7 IS LOCATED IN WEST HIDALGO COUNTY ON THE WEST SIDE OF WESTERN ROAD AND 300 FEET NORTH OF THE NORTH OF MILE 7 NORTH ROAD. THE ONLY NEARBY MUNICIPALITY IS THE CITY OF MISSION, ACCORDING TO THE OFFICIAL MAP IN THE OFFICE OF THE SECRETARY OF THE CITY OF MISSION (POPULATION 394). LAS COMADRES SUBDIVISION No. 7 LIES APPROXIMATELY 4 MILES FROM THE CITY LIMITS AND IT IS NOT WITHIN THE CITY'S TWO-MILE EXTRA-TERRITORIAL JURISDICTION (ETJ) UNDER LOCAL GOVERNMENT CODE § 42.021. IT LIES IN PCT. 3.

PRINCIPAL CONTACTS:

Name	Address	City & Zip	Phone	Fax
OWNER: CARLOS LEAL	P.O. BOX 631	MISSION, TEXAS 78573		
ENGINEER: ALFONSO QUINTANILLA	124 E. STUBBS	EDINBURG, TX 78539	(956)381-6480	(956)381-0527
SURVEYOR: ALFONSO QUINTANILLA	124 E. STUBBS	EDINBURG, TX 78539	(956)381-6480	(956)381-0527

LOCATION MAP



LAS COMADRES SUBDIVISION No. 7

A 29.95 ACRE TRACT OF LAND BEING ALL OF LOTS 31, 32, 33, BLOCK 18, TEXAN GARDENS SUBDIVISION HIDALGO COUNTY, TEXAS, ACCORDING TO THE MAP OR PLAT THEREOF RECORDED IN VOLUME 8, PAGES 57 AND 58, MAP RECORDS, HIDALGO COUNTY, TEXAS, AND ACCORDING TO GENERAL WARRANTY DEED RECORDED UNDER COUNTY CLERK'S DOCUMENT NUMBER 3011698, OFFICIAL RECORDS, HIDALGO COUNTY, TEXAS.

FINAL ENGINEERING REPORT FOR LAS COMADRES SUBDIVISION No. 7:
BY ALFONSO QUINTANILLA, P.E.

WATER SUPPLY: Description and Costs.

LAS COMADRES SUBDIVISION No. 7 WILL BE PROVIDED WITH POTABLE WATER BY AGUA SPECIAL UTILITY DISTRICT (AGUA SUD), THE SUBDIVIDER AND AGUA SUD HAVE ENTERED INTO A CONTRACT IN WHICH AGUA SUD PROMISED TO PROVIDE SUFFICIENT WATER TO THE SUBDIVISION FOR AT LEAST 30 YEARS AND AGUA SUD HAVE PROVIDED DOCUMENTATION TO SUFFICIENTLY ESTABLISH THE LONG TERM QUANTITY AND QUALITY OF THE AVAILABLE WATER SUPPLIES TO SERVE THE FULL DEVELOPMENT OF THE SUBDIVISION. AGUA SUD HAS AN EXISTING 8" DIAMETER WATERLINE RUNNING ALONG THE WEST SIDE OF WESTERN ROAD.

WATER SYSTEM FOR LAS COMADRES SUBDIVISION No. 7 CONSISTS OF AN 8" DIAMETER WATERLINE THAT TAPS INTO THE EXISTING 8" DIAMETER WATERLINE ON THE NORTHWEST CORNER OF LOT 2, NORTHWESTERN ESTATES SUBDIVISION ON WESTERN ROAD. AN 8" DIAMETER WATERLINE RUNS WEST ALONG THE NORTH SIDE OF STREET 01, RUNS NORTH ALONG THE WEST SIDE OF STREET 02, RUNS WEST ALONG THE SOUTH SIDE OF STREET 03, RUNS SOUTH ALONG THE EAST SIDE OF STREET 04, AND RUNS EAST ALONG THE NORTH SIDE OF STREET 05 TING INTO THE WEST SIDE OF STREET 02 AT THE SOUTHEAST CORNER OF LOT 5.

WATER DISTRIBUTION FOR LAS COMADRES SUBDIVISION No. 7 CONSISTS OF FORTY (40) 1" DIAMETER SINGLE SERVICE LINES RUN TO EACH LOT. SAID SERVICES TERMINATE AT THE WATER METER BOXES FOR EACH LOT.

THE 8" DIAMETER WATERLINE, THE 1" SINGLE SERVICE LINES AND THE WATER METER BOXES WILL BE INSTALLED AT A TOTAL COST OF \$ _____ OR \$ _____ PER LOT. IN ADDITION, THE SUBDIVIDER WILL PAY AGUA SUD THE SUM OF \$ _____ PER LOT AS STATED IN THE INVESTIGATION REPORT (\$ _____), 5% INSPECTION (\$ _____), AND 30 YEAR WATER SERVICE AGREEMENT (\$ _____). WHICH SUM REPRESENTS THE TOTAL COST OF WATER METER, RIGHTS ACQUISITION FEES, AND ALL MEMBERSHIPS OR OTHER FEES ASSOCIATED WITH OBTAINING THE INDIVIDUAL LOTS IN THE SUBDIVISION TO AGUA SUD. UPON REQUEST BY THE LOT OWNER OF A LOT, AGUA SUD WILL PROMPTLY INSTALL AT NO CHARGE THE WATER METER FOR THAT LOT. THE SUBDIVIDER HAS INSTALLED ONE (1) FIRE HYDRANT AT A UNIT COST OF \$ _____ FOR A TOTAL COST OF \$ _____. THE ENTIRE WATER FACILITIES HAVE BEEN APPROVED AND ACCEPTED BY AGUA SUD AND SAID DISTRIBUTION SYSTEM IS OPERABLE AS OF THE DATE OF THE RECORDING OF THE PLAT.

SEWAGE FACILITIES: Description and Costs.

SEWAGE FROM LAS COMADRES SUBDIVISION No. 7, IS TREATED BY INDIVIDUAL ON-SITE SEWAGE FACILITIES ("OSSF") CONSISTING OF A STANDARD DESIGN DUAL COMPARTMENT SEPTIC TANK AND A DRAINFIELD ON EACH LOT. THE SITE EVALUATOR (LICENSE NUMBER OS 12258) 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. HIGHLIGHTS OF THE REPORT ARE AS FOLLOWS:

EACH LOT IN THE SUBDIVISION IS AT LEAST 1/2 ACRE IN SIZE THE UNITED STATES OF AGRICULTURE SOIL CONSERVATION SERVICE SOIL SURVEY BOOK INDICATED A FINE SANDY LOAM. THE SITE EVALUATOR (LICENSE NUMBER OS 12258) MADE SIX (6) TEST BORINGS MADE AT OPPOSITE AREAS OF THE SUBDIVISION AT THE CENTERS OF LOTS 4, 8, 13, 18, 33 AND 40. (ADDITIONAL BORINGS WERE UNNECESSARY BECAUSE THE SOILS ARE VERY UNIFORM WITHIN THIS LIMITED AREA.) THE SOIL REPORT AS PREPARED BY THE SITE EVALUATOR (LICENSE NUMBER OS 12258) INDICATES A CLAY LOAM (WITH TEXTURE CLASS II) EXTENDING MORE THAN 24" BELOW THE BOTTOM OF ANY TEST. EXCAVATIONS, THE SUBDIVISION DRAINS WELL, THE 10-YEAR STORM BEING CONTAINED WITHIN THE STREET AND THE DRAINAGE EASEMENTS.

THE COST TO INSTALL A SEPTIC SYSTEM ON AN INDIVIDUAL LOT IS \$ _____ INCLUDING THE COST FOR THE REQUIRED PERMIT AND LICENSE. NO OSSF'S HAVE BEEN INSTALLED 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 OF A PERSONAL CHECK REPRESENTING A "CASH DEPOSIT" TO BE HELD BY THE COUNTY OF HIDALGO IN ESCROW IN THE AMOUNT OF \$ _____ WHICH IS THE ESTIMATED TOTAL COST TO INSTALL A SEPTIC TANK ON EACH LOT. THE SUBDIVIDER WILL INCLUDE THE COST OF A SEPTIC TANK IN THE SALES PRICE OF THE LOT.

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

WATER FACILITIES— THESE FACILITIES FULLY CONSTRUCTED WILL COST, WITH INSTALLATION OF WATER METERS, AT A TOTAL COST OF \$ _____ OR \$ _____ PER LOT.

SEWAGE FACILITIES— THESE FACILITIES FULLY CONSTRUCTED WILL COST A GRAND TOTAL OF \$ _____ WHICH EQUALS TO \$ _____ PER LOT.



ALFONSO QUINTANILLA
P.E. 95534
DATE 6-4-19

REPORTE FINAL DE INGENIERIA PARA LA SUBDIVISION LAS COMADRES SUBDIVISION No. 7:
POR ALFONSO QUINTANILLA, P.E.

PROVISION DE AGUA: Descripción y Costos.

LAS COMADRES SUBDIVISION No. 7 SERA PROVISITA DE AGUA POTABLE POR LA COMPAÑIA DE AGUA SPECIAL UTILITY DISTRICT (AGUA SUD). EL DUEÑO DE LA SUBDIVISION Y LA COMPAÑIA DE AGUA SUD, SE HAN COMPROMETIDO A PROVEER DE AGUA SUFFICIENTE A LA SUBDIVISION POR UN PERIODO DE 30 AÑOS. LA COMPAÑIA DE AGUA SUD, HA PRESENTADO LA DOCUMENTACION DEMOSTRANDO LA DISPONIBILIDAD DE CANTIDAD Y CALIDAD DE AGUA A LARGO PLAZO QUE SERVIRA PARA EL FUTURO DESARROLLO DE LA SUBDIVISION. AGUA SUD TIENE UNA LINEA EXISTENTE DE 8" DE DIAMETRO DE AGUA QUE CORRE POR EL LADO OESTE DE LA CALLE WESTERN ROAD.

EL SISTEMA DE PROVISION DE AGUA PARA LA SUBDIVISION CONSISTE DE UNA LINEA DE AGUA DE 8" DE DIAMETRO CONECTA CON LA LINEA DE AGUA DE 8" DE DIAMETRO EN WESTERN ROAD. LA LINEA DE AGUA DE 8" DE DIAMETRO CORRE OESTE POR EL LADO NORTE DE LA CALLE 50' STREET 01 Y CORRE NORTE POR EL LADO OESTE DE CALLE 50' STREET 02 Y CORRE OESTE POR EL LADO SUR DE CALLE 50' STREET 03 Y CORRE SUR POR EL LADO ESTE DE CALLE 50' STREET 04 Y CORRE ESTE POR EL LADO NORTE DE CALLE 50' STREET 05.

DEL CONDUCTO DE AGUA DE 8 PULGADAS SE PRODUCEN CUARENTA (40) CONDUCTOS DE AGUA DE 1 PULGADA DE DIAMETRO PARA CADA LOTE.

LA LINEA DE 8" DE DIAMETRO, LAS LINEAS DE SERVICIO DE AGUA DE 1" DE DIAMETRO, Y LAS CAJAS DE LOS MEDIDORES DE AGUA HA SIDO INSTALADOS A UN COSTO TOTAL DE US\$ _____ POR LOTE. ADICIONALMENTE, EL DUEÑO DE LA SUBDIVISION PAGARA A AGUA SUD LA CANTIDAD DE US\$ _____ POR SOLAR DE ACUERDO AL REPORTE DE INVESTIGACION (\$ _____), 5% DE INSPECCIONES (\$ _____), DE 30 AÑOS DE SERVICIO DE AGUA POTABLE EL CUAL CUBRE LOS MEDIDORES DE AGUA, INSTALACION, CONEXION Y MEMBRERIAS (\$ _____). CUANDO EL DUEÑO DE CADA LOTE SOLICITE UN MEDIDOR DE AGUA, LA COMPAÑIA AGUA SUD, LO INSTALARA SIN ALGUN GASTO AL DUEÑO. EL DUEÑO DE LA SUBDIVISION TAMBIEN HA INSTALADO UNO (1) BOCA DE RIEGO (FIRE HYDRANT) A UN COSTO DE \$ _____ POR CADA UNO CUAL GASTA UNA CANTIDAD TOTAL \$ _____. EL SISTEMA DE AGUA ESTARA EN FUNCIONAMIENTO COMPLETO ANTES O EN LA FECHA, EN LA CUAL LA SUBDIVISION SEA REGISTRADA EN EL CONDADO DE HIDALGO.

DRENAJE: Descripción y Costos.

EL DRENAJE PARA LA SUBDIVISION LAS COMADRES SUBDIVISION No. 7, TENDRA FOSAS SEPTICAS INDIVIDUALES (OSSF) CONSISTENTE EN UN DISEÑO NORMAL, CON DOBLE COMPARTIMIENTO DE FOSA SEPTICA (OSSF) Y UN CAMPO DE DRENAJE EN CADA SOLAR. EL EVALUADOR (LIC# OS 12258) DE ENSUCIDE HA INSPECCIONADO, EVALUADO Y REPORTADO QUE LA UBICACION DE LA SUBDIVISION ES CONVENIENTE PARA FOSAS SEPTICAS (OSSF). EL REPORTE FUE EXAMINADO Y APROBADO POR EL DEPARTAMENTO DE SALUD DEL CONDADO DE HIDALGO.

CADA SOLAR EN LA SUBDIVISION MIDE MEDIO ACRE DE TAMAÑO. EL LIBRO DE SERVICIOS Y CONSERVACION DEL SUELO DEL DEPARTAMENTO DE AGRICULTURA DE LOS ESTADOS UNIDOS (USDA) INDICA UNA MEZCLA DE BARRO ARENOSO. EL EVALUADOR (LIC# OS 12258) HIZO SIES (3) PRUEBAS CON AGUAFUROS EN EL CENTRO DE LOS LOTES 4, 8, 13, 18, 33 Y 40. (PRUEBAS ADICIONALES NO FUERON NECESARIAS PORQUE EL SUELO ES MUY UNIFORME DENTRO DEL AREA DELIMITADA). EL SUELO ES UN MARGA DE BARRO ARENOSO (CON TEXTURA CLAS II) EXTENDIDO A MAS DE 24 PULGADAS BAJO EL FONDO DE CUALQUIER EXCAVACION POR EL EVALUADOR (LIC# OS 12258). NO HAY PRESENCIA DE AGUA SUBTERRANEA BAJO LA CAPA DE 24 PULGADAS DE FONDO DE LAS EXCAVACIONES.

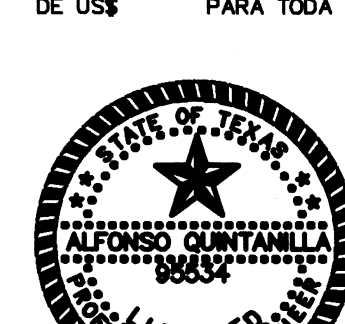
EL COSTO TOTAL PARA LA INSTALACION DE UN SISTEMA INDIVIDUAL DE FOSAS SEPTICAS POR SOLAR SON US\$ _____ INCLUYENDO EL COSTO DEL PERMISO REQUERIDO Y LICENCIA. EN ESTOS MOMENTOS LAS FOSAS SEPTICAS NO HAN SIDO INSTALADAS EN EL PROCESO DE LA APROBACION FINAL. EL SUBDIVIDER HA PROVEIDO UN CHEQUE PERSONAL REPRESENTANDO UN DEPOSITO DE EFECTIVO COMO UNA GARANTIA DE FINACACION ADECUADA QUE SERA RETENIDA POR EL CONDADO DE HIDALGO COMO FONDOS DE UNA CANTIDAD DE \$ _____. LO CUAL ES LA ESTIMACION POR EL COSTO DE LA INSTALACION DE LAS FOSAS SEPTICAS PARA CADA LOTE. EL SUBDIVIDER INCLUYERA EL COSTO DE LAS FOSAS SEPTICAS EN CADA LOTE.

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 (COODIGO DE AGUA DE TEXAS). CERTIFICO QUE LOS GASTOS PARA INSTALAR LOS SISTEMAS DE AGUA Y DE DRENAJE SON:

AGUA: EL SISTEMA DE AGUA FUE CONSTRUIDO, CON LA INSTALACION DE LOS MEDIDORES DE AGUA, EL COSTO TOTAL ES DE US\$ _____ OR US\$ _____ POR LOTE.

DRENAJE: SE ESTIMA QUE LAS FOSAS SEPTICAS COSTARAN US\$ _____ POR LOTE (TODO INCLUSO) A UN COSTO TOTAL DE US\$ _____ PARA TODA LA SUBDIVISION.



ALFONSO QUINTANILLA
P.E. 95534
DATE 6-4-19

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.

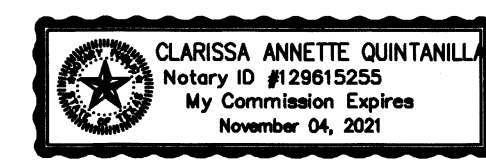
SUBDIVIDER STATEMENT:

1.- I (WE), CARLOS LEAL, SUBDIVIDERS OF LAS COMADRES SUBDIVISION No. 7 HEREBY CERTIFY SEWER PERMITS, AS APPLICABLE, HAVE BEEN PAID AND COPIES OF RECEIPTS ARE ON FILE WITH THE HIDALGO COUNTY HEALTH DEPARTMENT AND THAT AN ADEQUATE DRINKING WATER SOURCE IS IMMEDIATELY AVAILABLE TO EACH LOT OF THE TYPE, QUALITY & QUANTITY TO ENABLE EACH PERSON PURCHASING A LOT HAVE ADEQUATE WATER TO COMPLY WITH THE REGULATIONS AND THE LAWS OF THE STATE AS REQUIRED BY STATE AND COUNTY REGULATIONS.

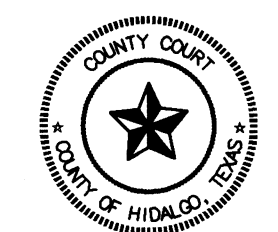
CARLOS LEAL
P.O. BOX 631
MISSION, TEXAS 78537

BEFORE ME, the undersigned notary public, on this day personally appeared GARCO, Ltd. CARLOS LEAL proved to me through his Texas Department of Public Safety Driver License to be the person whose name is subscribed to the foregoing instrument, who, being by me first duly sworn, declared that the statements therein are true and correct and acknowledged that she executed the same for the purposes and consideration thereby expressed.

Given under my hand and seal of office this _____ day of _____, 20____.

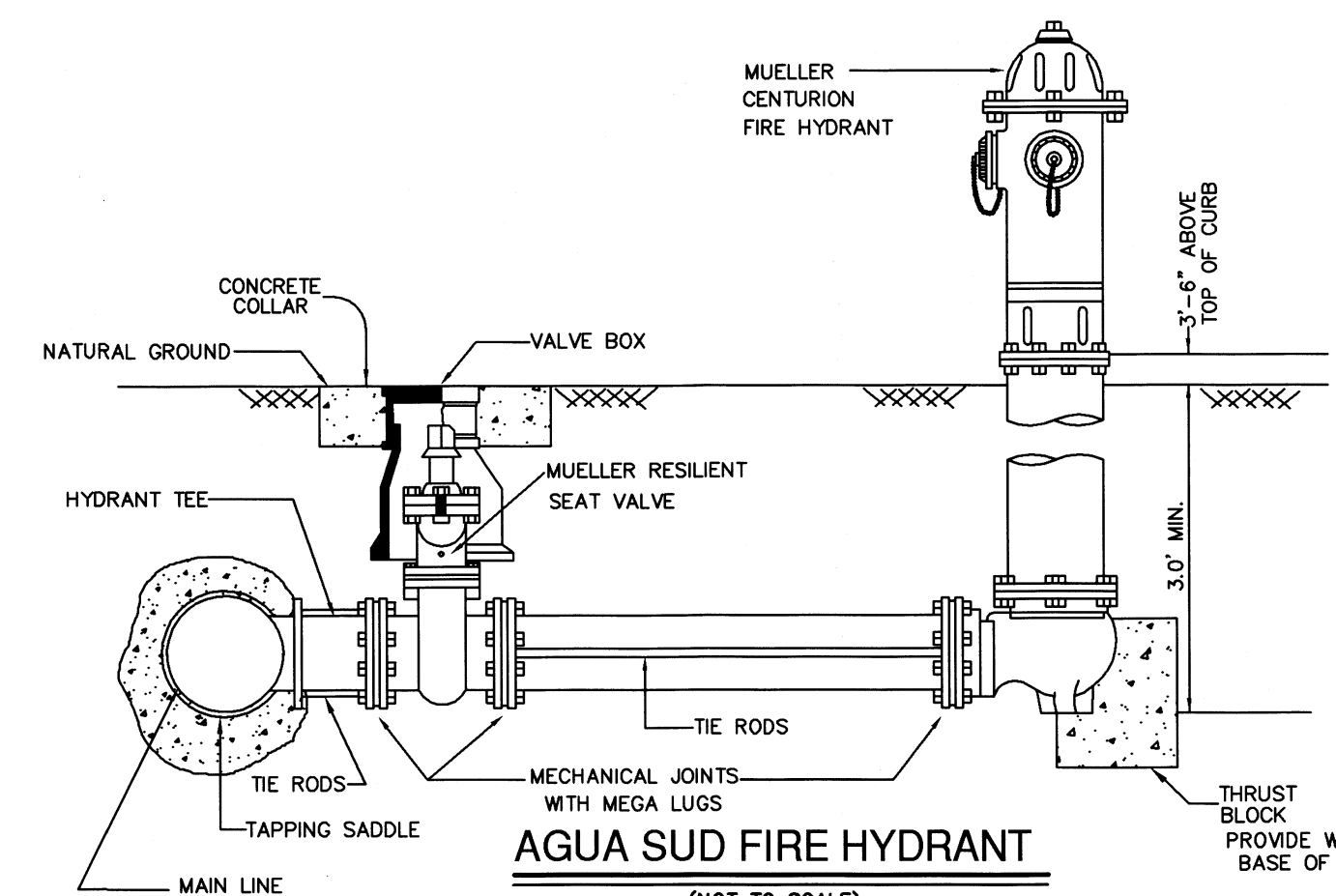
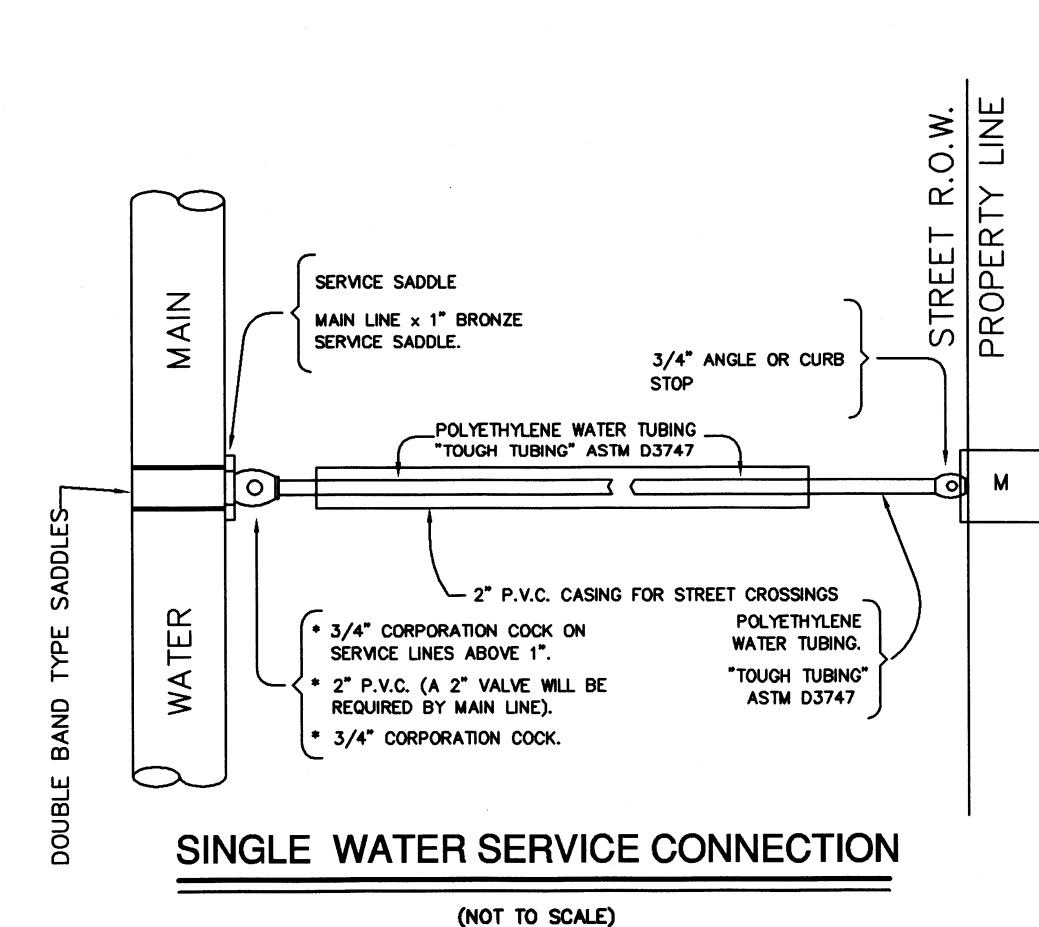
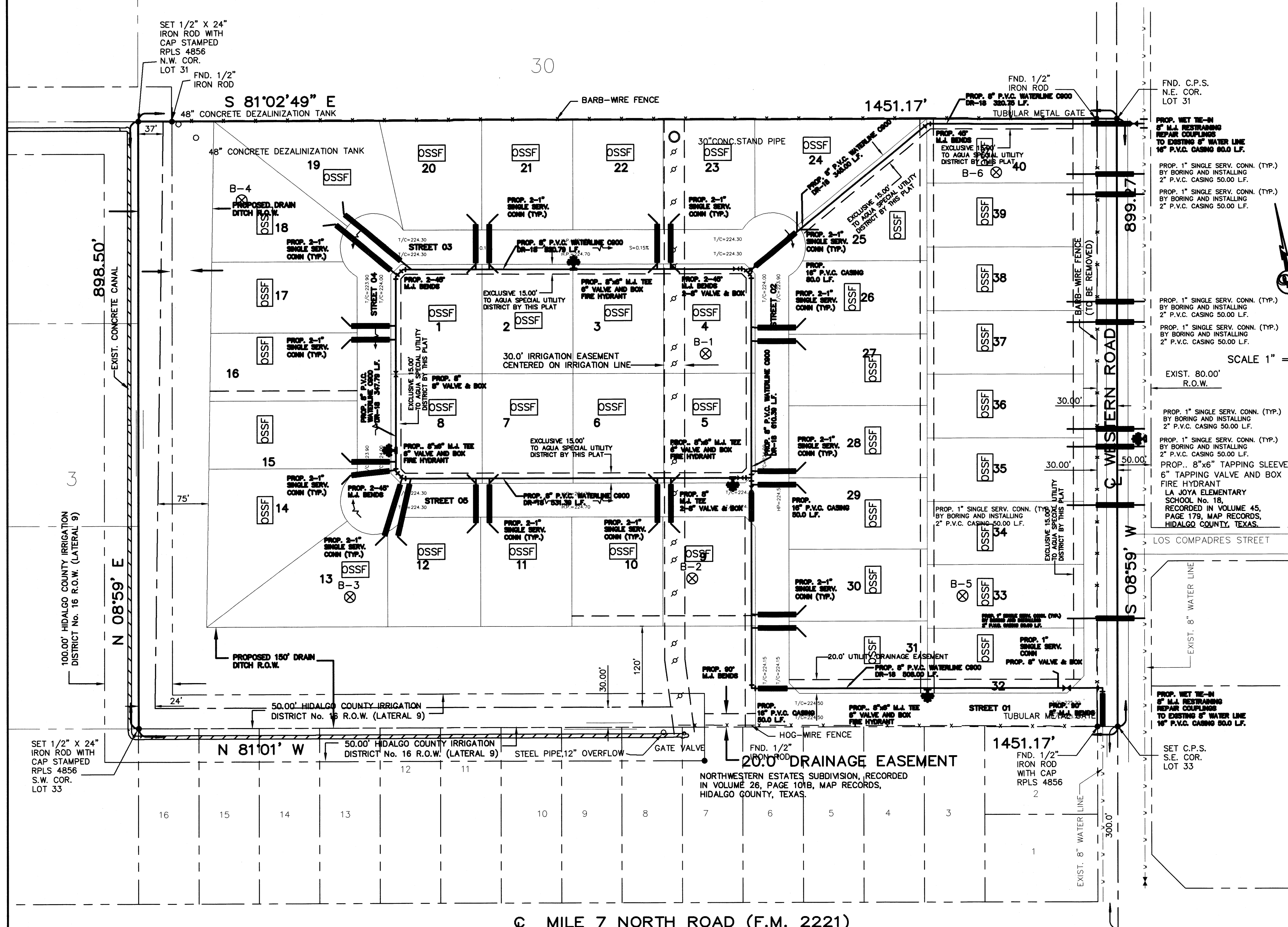


CLARISSA ANNETTE QUINTANILLA - NOTARY PUBLIC



FILED FOR RECORD IN
HIDALGO COUNTY
ARTURO GUJARDO, JR.
HIDALGO COUNTY CLERK

ON: _____ AT _____ AM/PM
INSTRUMENT NUMBER _____
OF THE MAP RECORDS OF HIDALGO COUNTY, TEXAS
BY: _____ DEPUTY



COST ESTIMATE

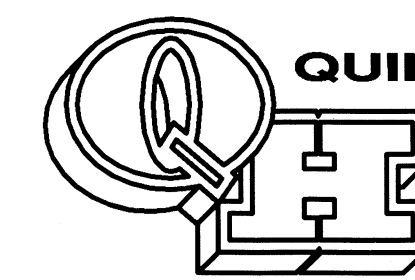
WATER DISTRIBUTION:	\$ _____
SEPTIC TANK (OSSF):	\$ _____
PAVING IMPROVEMENTS	\$ _____

WATER METER BOX	CAJA DE MEDIDOR DE AGUA
8" WATER SUPPLY LINE	LINEA DE AGUA
SERVICE LINES	LINEAS DE SERVICIOS

- B-1 WATER METER BOX
- B-2 WATER METER BOX
- ⊗ TEST BORINGS
- SEPTIC TANK (OSSF)

REVISION NOTES

No.	Sheet	REVISION	Date	Approved



QUINTANILLA, HEADLEY AND ASSOCIATES, INC.
CONSULTING ENGINEERS • LAND SURVEYORS
124 E. STUBBS ST. PHONE 956-381-6480
EDINBURG, TEXAS 78539 FAX 956-381-0527
REGISTRATION NUMBER F-1513 ALFONSO@QHA-ENG.COM
SURVEYING REGISTRATION NUMBER 100411-00

SHEET NO. 2 OF 3 SHEETS	FILENAME: F:\DATA\SRV\H.C.LAS COMADRES 7\JALYOUTS
	DATE PREPARED: 5-14-2018
DATE REVISION	PREPARED BY: LG
	CHECKED BY: _____
APPROVED BY	APPROVED BY: _____
	DATE REVISION

LAS COMADRES SUBDIVISION No. 7

A 29.95 ACRE TRACT OF LAND BEING ALL OF LOTS 31, 32, 33, BLOCK 18, TEXAN GARDENS SUBDIVISION HIDALGO COUNTY, TEXAS, ACCORDING TO THE MAP OR PLAT THEREOF RECORDED IN VOLUME 8, PAGES 57 AND 58, MAP RECORDS, HIDALGO COUNTY, TEXAS, AND ACCORDING TO GENERAL WARRANTY DEED RECORDED UNDER COUNTY CLERK'S DOCUMENT NUMBER 3011698, OFFICIAL RECORDS, HIDALGO COUNTY, TEXAS.

DRAINAGE REPORT FOR LAS COMADRES SUBDIVISION NO.7
 las comadres subdivision no.7 is a 29.95 acre tract of land being all of lots 31, 32 and 33, block 18, texan gardens subdivision, hidalgo county, texas, and according to the map or plat thereof recorded in volume 8, pages 57 and 58, map records, hidalgo county, texas, and according to general warranty deed recorded under county clerk's document number 3011698, official records, hidalgo county, texas. this subdivision is located on the west side of western road 300.00 feet north of mile 7 north road (f.m. 2221). this subdivision is located in the county, the site is open land. the proposed subdivision will consist of 40 residential lots.

the tract is zone "x", areas determined to be outside 500-year flood plain as per fema flood insurance rate map, community panel no. 480334 0290 d, dated june 6, 2000.

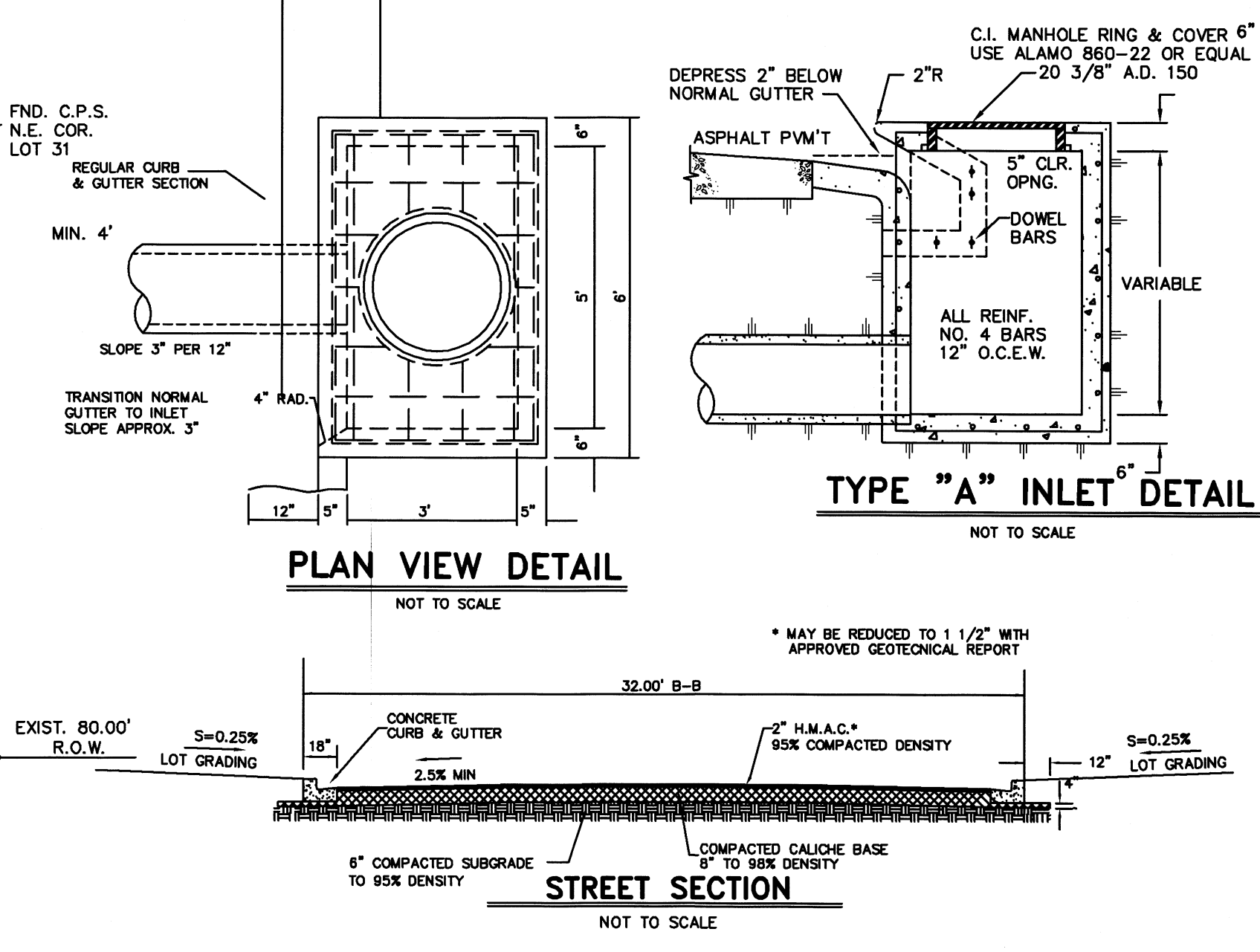
the soil is brennan (3) and hidalgo (25), and is group soil "b". it is a mixture of fine sandy loam, sandy clay loam, and loam. this soil is well drained, permeability is moderate, plasticity index has a range of np-23. see attached soil survey of hidalgo county, texas tables.

presently, the site has very minimal runoff in a northern direction with an approximate 1% slope. the existing runoff for the proposed subdivision is q = 6.47 cubic feet per second based on a 10-year storm.

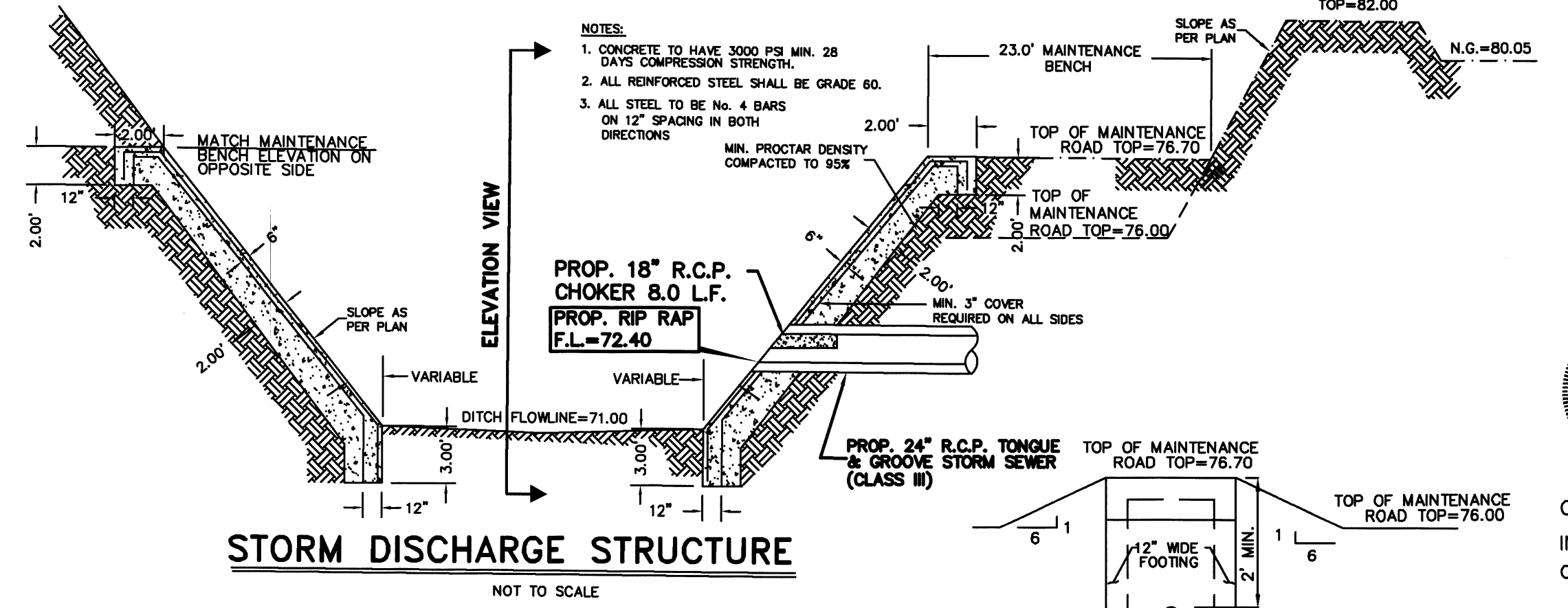
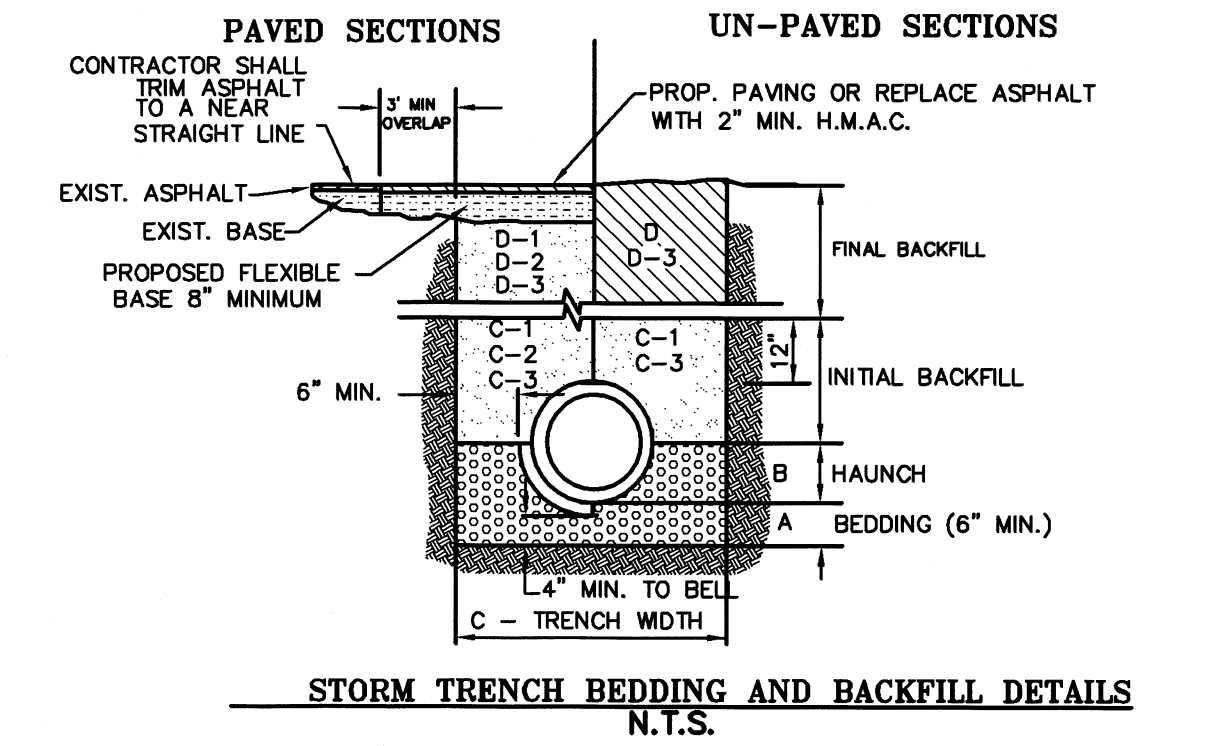
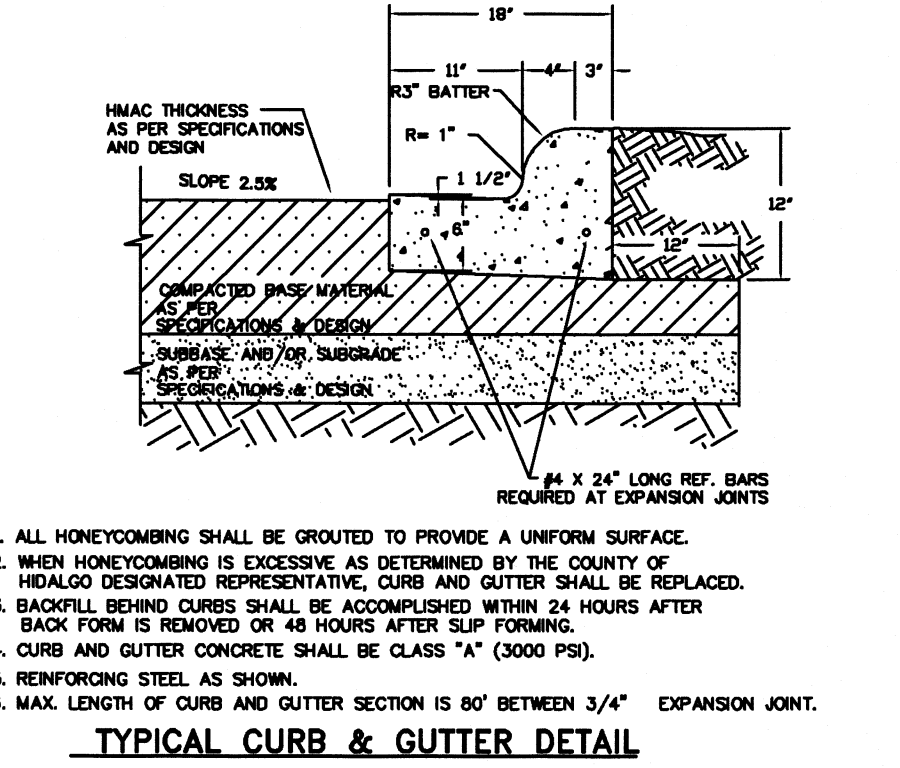
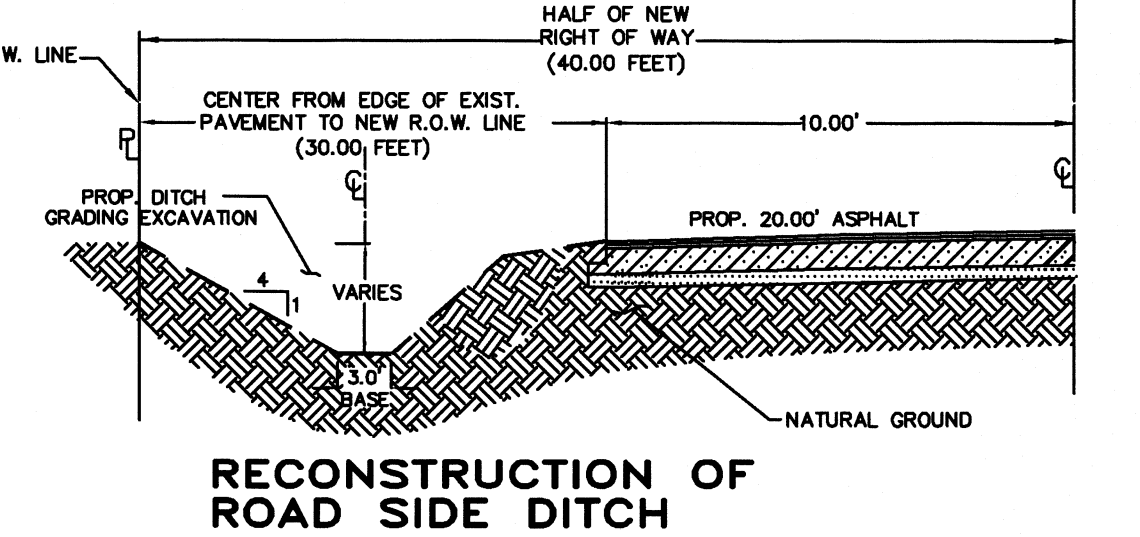
after development the runoff will be q = 258.15 cubic feet per second for an increase of q = 216.8 cubic feet per second. detention will be 93,337.59 cubic feet (2.14 acre-feet) and will be accomplished by excavating the existing drain ditch along the west and south side of the proposed subdivision. the drainage system consists of type "a" inlets and pipes of 18", 24" and 30" that will outfall into the existing drain ditch. the drain ditch is being dedicated to the hidalgo county drainage district no.1 through the plat. the developer will clean the existing drain ditch from the northwest corner to texan road and will install an escrow for the cost of a 24" pipe to be bored across the h.c.l.d. no.16 canal between texan road and low road, and across mile 7 north road (f.m. 2221). the ultimate outfall is the h.c.d. no.1 bond project perfitas drain located south of mile 7 north road (f.m. 2221).



Alfonso Quintanilla
 ALFONSO QUINTANILLA
 P.E. 95534
 6-19
 DATE



- STORM TRENCH BEDDING AND BACKFILL NOTES**
 N.T.S.
- BEDDING FOR RCP CLASS II, HIGH PERFORMANCE POLYPROPYLENE OR CORRUGATED PVC STORM DRAIN PIPE - SAND AND/OR GRAVEL MIX BEDDING PLACED BEFORE PIPE IS LAID UP TO FLOW OF PIPE. (MIN. THICKNESS = 6") - FIT RUN GRAVEL 3/4" MAX. SIZE.
 - HAUNCH FOR RCP CLASS II, HIGH PERFORMANCE POLYPROPYLENE OR CORRUGATED PVC STORM DRAIN PIPE - SHALL BE CLASS I OR CLASS II (ASTM D2321) BACKFILL MATERIAL COMPACTED TO 92% SPD, 8" LOOSE LIFTS, MECHANICAL COMPACTION.
 - TRENCH WIDTH - SHALL BE BELL O.D. X 1.5 + 12" MINIMUM TRENCH WIDTH SHALL EQUAL STRUCTURE WIDTH + 4 FT. THROUGHOUT THE HEIGHT OF THE STRUCTURE.
 - INITIAL BACKFILL FOR RCP CLASS II STORM DRAIN PIPE ON CITY STREETS, PARKING AREA, DRIVEWAYS, COUNTY ROAD & UNPAVED AREAS - SHALL BE SOIL TYPE A1, A2, A3, WITH A MAXIMUM P.I. OF 19 (AASHTO M145) COMPACTED TO 92% SPD, 8" LOOSE LIFTS, MECHANICAL COMPACTION.
 - INITIAL BACKFILL FOR RCP CLASS II STORM DRAIN PIPE ON STATE MAINTAINED ROADWAYS COMPACTED SAND/CEMENT STABILIZED BACKFILL WITH 7% PORTLAND CEMENT, COMPACTED TO 92% S.P.D. AS PER ASTM D-4253 AND ASTM D-698, 8" LOOSE LIFTS, MECHANICAL COMPACTION.
 - INITIAL BACKFILL FOR HIGH PERFORMANCE POLYPROPYLENE OR CORRUGATED PVC STORM DRAIN PIPE UNDER UNPAVED SECTIONS - SHALL BE CLASS I, II, III OR IV, COMPACTED TO 92% SPD (12" LOOSE LIFTS, MECHANICAL COMPACTION).
 - FINAL BACKFILL FOR RCP CLASS II, HIGH PERFORMANCE POLYPROPYLENE OR CORRUGATED PVC STORM DRAIN PIPE ON CITY STREETS, PARKING AREA, DRIVEWAYS, AND COUNTY ROAD - SHALL BE SOIL TYPE A1, A2, A3, WITH A MAXIMUM P.I. OF 19 (AASHTO M145) COMPACTED TO 92% SPD, 8" LOOSE LIFTS, MECHANICAL COMPACTION.
 - FINAL BACKFILL FOR RCP CLASS II, HIGH PERFORMANCE POLYPROPYLENE OR CORRUGATED PVC STORM DRAIN PIPE ON STATE MAINTAINED ROADWAYS - COMPACTED SAND/CEMENT STABILIZED BACKFILL WITH 7% PORTLAND CEMENT, COMPACTED TO 92% S.P.D. AS PER ASTM D-4253 AND ASTM D-698, 8" LOOSE LIFTS, MECHANICAL COMPACTION.
 - FINAL BACKFILL FOR STRUCTURES (INLETS, MANHOLES, ETC.) - STRUCTURES UNDER THE ROADWAY AND UP TO 5 FT BEYOND THE EDGE OF PAVEMENT/PAVEMENT OF CURB SHALL HAVE CLASS I OR CLASS II (ASTM D2321) OR SOIL TYPE A1, A2, OR A3 (AASHTO M145) WITH A MAXIMUM P.I. OF 19 BACKFILL MATERIAL. STRUCTURES BEYOND 5 FT FROM THE E.O.P./B.O.C. SHALL HAVE CLASS II, III OR IV (ASTM D2321) BACKFILL MATERIAL. FOUNDATION PREPARATION (WELDED, MINIMUM 4" DRILLER OR CONCRETE STABILIZATION, OR APPROVED SUBSTITUTE) SHALL BE REQUIRED WHEN TRENCH BOTTOM IS UNSTABLE. BACKFILLING AT STRUCTURES SHALL BE PLACED IN UNIFORM LAYERS, MAINTAINED AS REQUIRED AS PER MANUFACTURER'S SPECIFICATIONS. THE THICKNESS OF EACH LOOSE LAYER SHALL NOT EXCEED 8".
- NOTES:
 1. MAXIMUM COVER SHALL BE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 2. FOR D-1 AND D-2, THE COMPACTION REQUIREMENT SHALL BE 95% S.P.D. WITHIN 12 IN. BELOW THE FLEXIBLE BASE.
 3. FOR PAVED SECTIONS THE ABOVE REQUIREMENTS SHALL APPLY WHEN ANY PART OF TRENCH WIDTH IS WITHIN 5 FT. FROM THE E.O.P./B.O.C.
 4. THE ABOVE REQUIREMENTS SHALL APPLY TO UTILITY PIPELINES AND UTILITY STRUCTURES OF OTHER UTILITY ENTITIES.



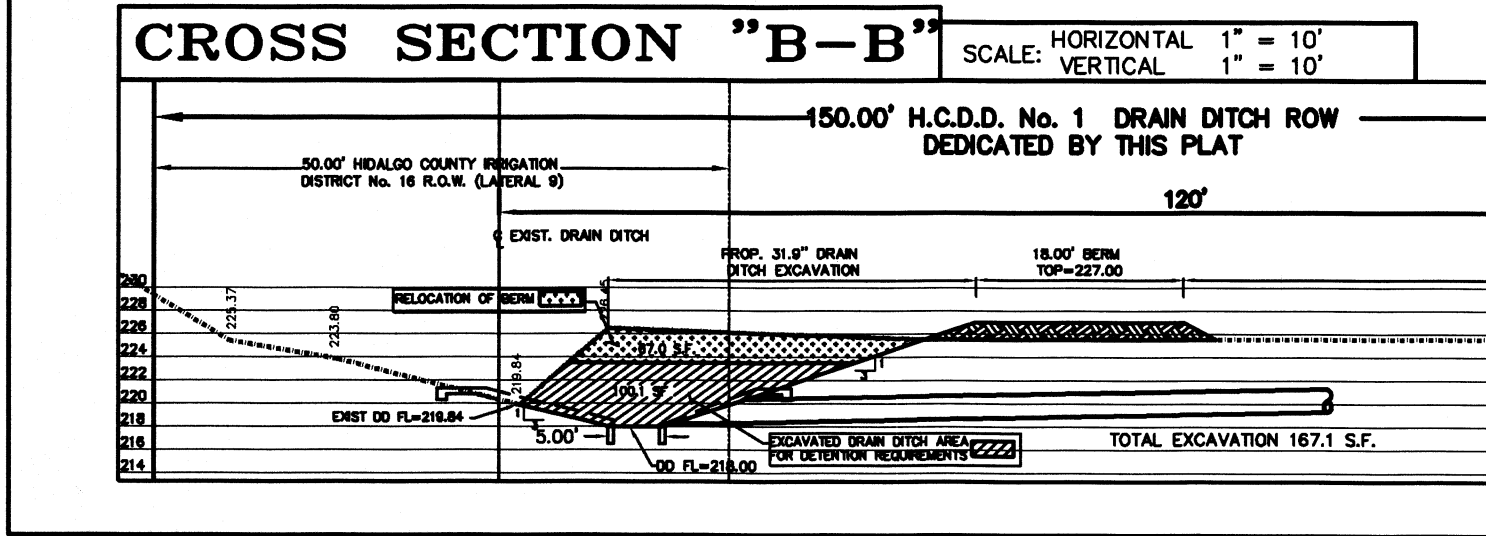
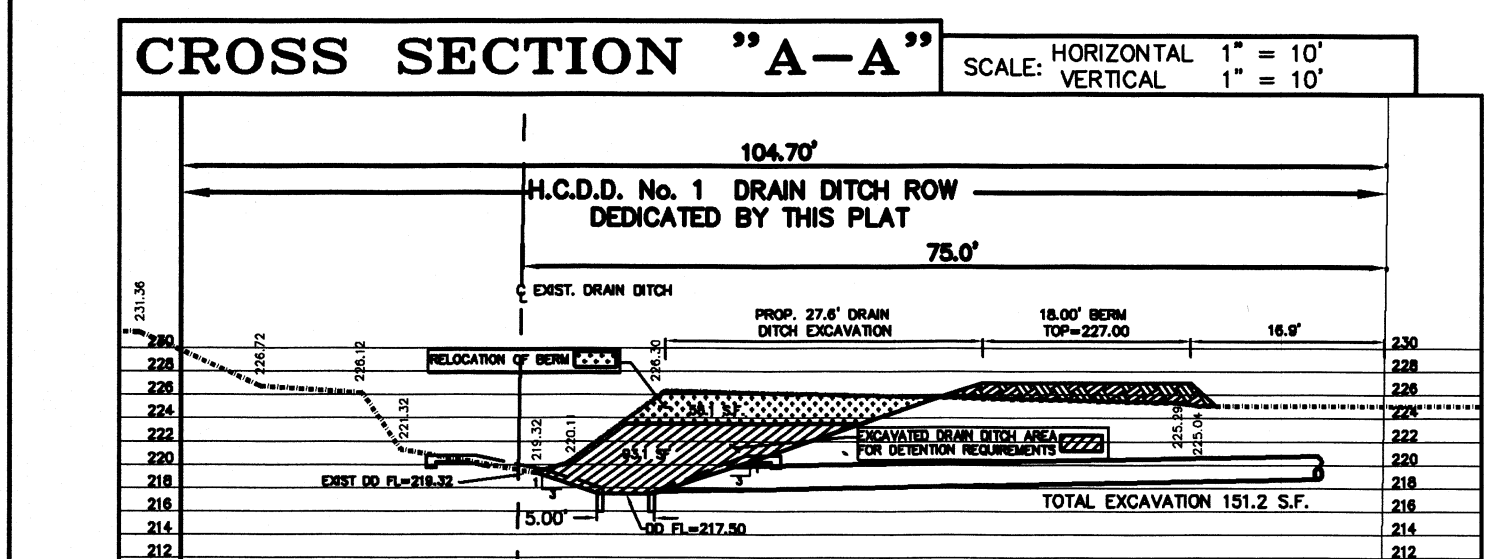
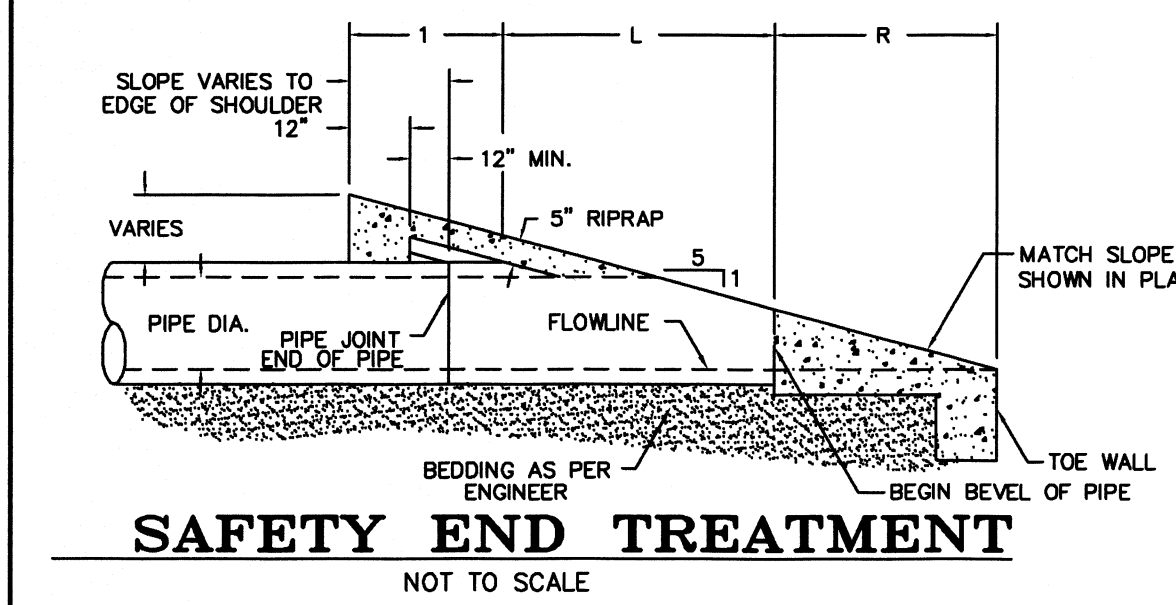
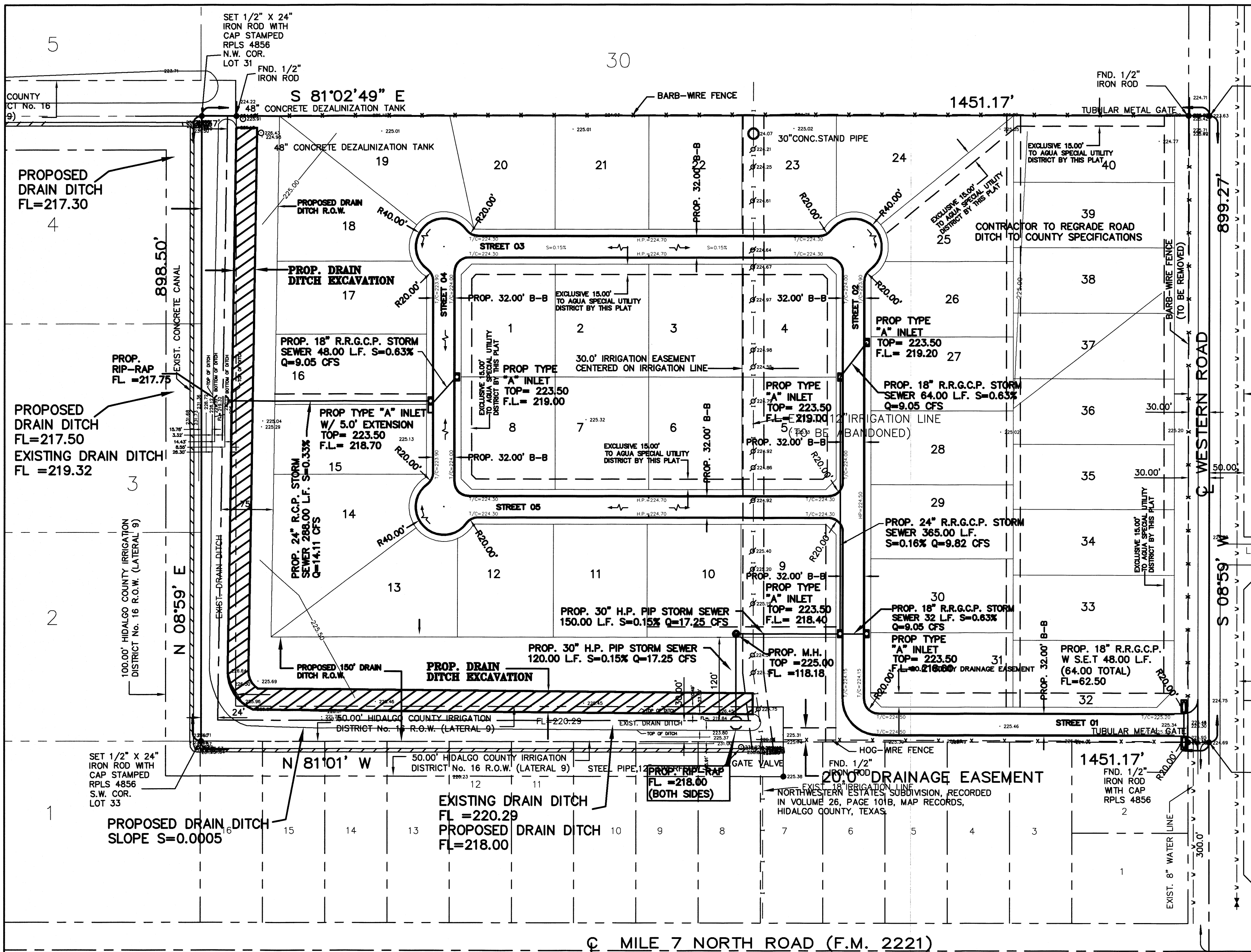
QUINTANILLA, HEADLEY AND ASSOCIATES, INC.
 CONSULTING ENGINEERS
 124 E. STUBBS ST.
 EDINBURG, TEXAS 78539
 REGISTRATION NUMBER F-1513
 SURVEYING REGISTRATION NUMBER 100411-00

LAND SURVEYORS
 PHONE 956-381-8480
 FAX 956-381-0527
 OFFICE@QHAENGINEERING.COM

FILED FOR RECORD IN HIDALGO COUNTY ARTURO GUJARDO, JR. HIDALGO COUNTY CLERK

ON: _____ AT _____ AM/PM
 INSTRUMENT NUMBER _____
 OF THE MAP RECORDS OF HIDALGO COUNTY, TEXAS
 BY: _____ DEPUTY

SHEET NO. 3	OF 3 SHEETS	FILENAME: F:\DATA\SUBD\H.C.LAS COMADRES 7\layouts
DATE PREPARED	PREPARED BY	CHECKED BY
3-14-2019	LG	APPROVED BY
DATE REVISION	REVISION BY	CHECKED BY
		APPROVED BY



LEGEND
 TOTAL DETENTION REQUIRED - 93,337.59 C.F.
 TOTAL DETENTION PROVIDED - 149,555.00 C.F.
 (750 L.F. X 100.1 S.F.) + (800 L.F. X 93.1 S.F.)
 TOTAL EXCAVATION NEEDED - 246,285.00 C.F.
 (750 L.F. X 167.1 S.F.) + (800 L.F. X 151.2 S.F.)