



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: 5-22-2018

PROPOSED RANCHO NUEVO ESTATES SUBDIVISION, PRECINCT No. 1.

ENGINEER: MELDEN & HUNT, INC. DEVELOPER: SAUL ORTEGA

PRELIMINARY APPROVAL FINAL APPROVAL FINAL APPROVAL WITH FINANCIAL GUARANTEE WITH VARIANCE

NUMBER OF LOTS: 99 *SINGLE FAMILY *MULTI-FAMILY COMMERCIAL INSTITUTIONAL

LOCATION DESCRIPTION: NORTHEAST INTERSECTION OF MILE 4 WEST ROAD AND MILE 17 1/2 NORTH ROAD.

SUBDIVISION LIES WITHIN THE: ETJ OF EDCOUCH

DRAINAGE REPORT WAS APPROVED BY HCDD#1: ON 2-8-2018 PROPERTY LIES WITHIN FLOOD ZONE: "X" AS PER FEMA.

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

ROAD R.O.W. DEDICATION: 20.50 FEET ONTO MILE 4 WEST ROAD AND 20.00 FEET ONTO MILE 17 1/2 NORTH ROAD.

H.C.R.O.W. PRELIMINARY APPROVAL DATE: 8-25-2017 BY, DANNY GUZMAN, PCT. 1 R.O.W. AGENT

H.C.H.D. PRELIMINARY APPROVAL DATE: 8-22-17 BY, ENVIRONMENTAL HEALTH DIVISION MANAGER

SEWER SYSTEM: OSSF

WATER SERVICE PROVIDER: N.A.W.S.C. LINE SIZE: 12" LOCATION: MONTE CRISTO ROAD.

H.C.E.O.C. PRELIMINARY APPROVAL DATE: 8-16-2017 : 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.

PRELIMINARY APPROVAL FROM THE
HIDALGO COUNTY COMMISSIONERS COURT ON: _____

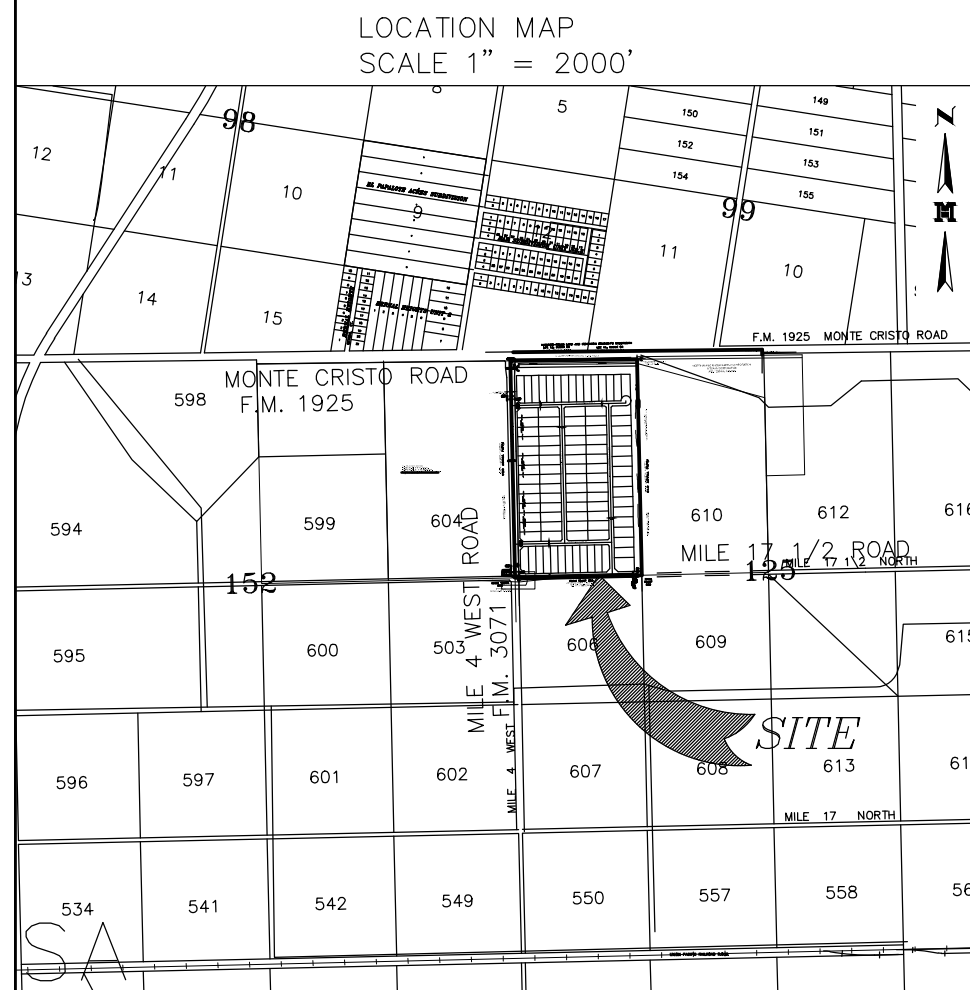
STAFF RECOMMENDS: **Preliminary Approval** subject to comments and future recommendations by planning and other departments.

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.

MISSOURI-TEXAS LAND AND IRRIGATION COMPANY'S SUBDIVISION
 LOT 11, BLOCK 99
 VOLUME 1, PAGES 29, H.C.M.R.



INDEX TO SHEET OF RANCHO NUEVO ESTATES

SHEET 1: HEADING; INDEX; LOCATION MAP AND ETJ; PRINCIPAL CONTACTS; MAP- LOT, STREETS, AND EASEMENT LAYOUT; DESCRIPTION (METES AND BOUNDS); SURVEYOR'S CERTIFICATION; OWNER'S DEDICATION, CERTIFICATION, ATTESTATION; ENGINEERING CERTIFICATION CITY; APPROVAL CERTIFICATE; COUNTY CLERK'S RECORDING CERTIFICATE; IRRIGATION DISTRICT, H.C.D.D. NO. 1.

SHEET 2: HEADING; PRINCIPAL CONTACTS; DESCRIPTION (METES AND BOUNDS); SURVEYOR'S CERTIFICATION; PLAT NOTES AND RESTRICTIONS; ENGINEERING CERTIFICATION CITY; APPROVAL CERTIFICATE; HIDALGO COUNTY HEALTH DEPARTMENT CERTIFICATE; N.A.W.S.C. CERTIFICATION, HIDALGO COUNTY JUDGE CERTIFICATION.

SHEET 3: ENGINEERING REPORT, INCLUDING DESCRIPTION OF WATER & SEWER (ENGLISH AND SPANISH VERSION); ENGINEERS CERTIFICATION.; WATER AND SEWER LAYOUT, DETAILS.

SHEET 4: MAP OF TOPOGRAPHY AND DRAINAGE; DRAINAGE LAYOUT; STREET LAYOUT.

SHEET 5: DRAINAGE REPORT INCLUDING DESCRIPTION OF DRAINAGE AND DRAIN DITCH WIDENING, ENGINEERING CERTIFICATION; DISCHARGE CROSS SECTIONS; STORM AND STREET DETAILS.

M MELDEN & HUNT, INC.
 CONSULTANTS • ENGINEERS • SURVEYORS
 115 W. McINTYRE - EDINBURG, TX 78541
 PH: (956) 381-0981 - FAX: (956) 381-1839
 ESTABLISHED 1947 - www.meldenandhunt.com

PRINCIPAL CONTACTS

NAME	ADDRESS	CITY & ZIP	PHONE	FAX
OWNER:	SAUL ORTEGA	P.O. BOX 504	EDINBURG, TX 78504	956-605-4544 956-720-4654
ENGINEER:	FRED L. KURTH	115 W. McINTYRE	EDINBURG, TX 78541	(956) 381-0981 (956) 381-1839
SURVEYOR:	FRED L. KURTH	115 W. McINTYRE	EDINBURG, TX 78541	(956) 381-0981 (956) 381-1839

Line Table

Line #	Direction	Length
L1	N 40° 15' 43" W	48.50'
L2	S 43° 53' 17" W	48.63'
L3	S 40° 15' 43" E	21.21'
L4	S 43° 44' 17" W	21.21'
L5	N 40° 15' 43" W	21.28'
L6	N 43° 44' 17" E	21.21'
L7	N 40° 15' 43" W	48.50'
L8	N 43° 42' 54" E	48.48'
L9	N 40° 15' 43" W	21.27'
L10	N 43° 44' 17" E	21.15'
L11	S 40° 15' 43" E	21.21'
L12	N 43° 44' 17" E	21.21'
L13	S 40° 15' 43" E	70.71'
L14	S 43° 44' 17" W	48.51'
L15	N 40° 15' 43" W	48.50'

Curve Table

Curve #	Length	Radius	Delta	Chord Direction	Chord Length	Tangent
C1	25.95'	50.00'	029° 44' 11"	S13° 38' 24" W	25.66'	13.27'
C2	131.07'	50.00'	150° 11' 48"	N76° 22' 37" W	96.64'	187.89'
C3	78.53'	50.00'	089° 59' 02"	N43° 44' 48" E	70.70'	49.99'



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 1 OF 5 SHEETS

DRAWN BY: _____ DATE: _____
 SURVEYED, CHECKED BY: _____ DATE: _____
 FINAL CHECK: _____ DATE: _____

STATE OF TEXAS
 COUNTY OF HIDALGO

OWNER'S DEDICATION, CERTIFICATION, AND ATTESTATION

I, SAUL ORTEGA, AS OWNER OF THE 68.324 ACRES TRACT OF LAND ENCOMPASSED WITHIN THE PROPOSED RANCHO NUEVO ESTATES HEREBY SUBDIVIDE THE LAND AND EASEMENTS DEPICTED IN THIS SUBDIVISION PLAT AND DEDICATE TO PUBLIC USE THE STREET(S), PARK, 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 LOTS MEET, OR WILL MEET THE MINIMUM STATE STANDARDS.

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

SAUL ORTEGA
 P.O. BOX 504
 EDINBURG, TEXAS 78540

DATE: _____

STATE OF TEXAS
 COUNTY OF HIDALGO

BEFORE ME, THE UNDERSIGNED NOTARY PUBLIC, ON THIS DAY PERSONALLY APPEARED SAUL ORTEGA, PROVED TO ME THROUGH HIS TEXAS DEPARTMENT OF PUBLIC SAFETY DRIVERS 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 HE EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATION THEREBY EXPRESSED.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS _____ DAY OF _____, 20__.

NOTARY PUBLIC, STATE OF TEXAS
 MY COMMISSION EXPIRES: _____

STATE OF TEXAS
 COUNTY OF HIDALGO:

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

MARIO A. REYNA, P.E. # 117368
 DATE PREPARED: 5-2-2017
 ENGINEERING JOB No. 17073.00



STATE OF TEXAS
 COUNTY OF HIDALGO:

I, THE UNDERSIGNED, FRED L. KURTH, A REGISTERED PROFESSIONAL LAND SURVEYOR, IN THE STATE OF TEXAS, DO HEREBY CERTIFY THAT THE HEREIN PRESENTED PLAT AND DESCRIPTION OF RANCHO NUEVO ESTATES, WERE PREPARED FROM A SURVEY OF THE PROPERTY MADE ON THE GROUND BY ME OR UNDER MY SUPERVISION ON 5-16-16, AND THAT IT IS A TRUE AND ACCURATE REPRESENTATION OF THE SUBDIVISION OF THE LANDS HEREON DESCRIBED.



FRED L. KURTH, R.P.L.S. # 4750
 DATE SURVEYED: 5-16-16
 T- 1013, PAGE 40-42
 SURVEY JOB No. 16066.08

RIGHT OF WAY EASEMENT

KNOWN ALL MEN BY THESE PRESENTS, THAT THE UNDERSIGNED, OWNERS OF THE PROPERTY SHOWN ON THIS PLAT, THEIR SUCCESSORS, ASSIGNS, AND TRANSFERREES (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 AND 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 PURPOSES 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 THE 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 HAS EXECUTED THIS INSTRUMENT THE _____ DAY OF _____, 20__.

(GRANTOR'S SIGNATURE)

ACKNOWLEDGMENT

THE STATE OF TEXAS §
 COUNTY OF HIDALGO §

BEFORE ME, THE UNDERSIGNED, A NOTARY PUBLIC IN AND FOR SAID COUNTY AND STATE, ON THIS DAY PERSONALLY APPEARED SAUL ORTEGA, KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT, AND ACKNOWLEDGED TO ME THAT HE EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATION THEREBY EXPRESSED.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS THE _____ DAY OF _____, 20__.

LEGEND:

- SET No. 4 REBAR W/PLASTIC CAP STAMPED MELDEN & HUNT
- SET NAIL
- ◆ BENCH MARKS

GENERAL PLAT NOTES & RESTRICTIONS:

1. FLOOD ZONE STATEMENT: FLOOD ZONE DESIGNATION: ZONE "X" UNSHADED "AREAS DETERMINED TO BE OUTSIDE 500-YEAR FLOODPLAIN. COMMUNITY-PANEL NO. 480334 0350 C EFFECTIVE DATE: JUNE 6, 2000.

ZONE "X" UNSHADED COMMUNITY-PANEL NO. 480334 0350 C EFFECTIVE DATE: JUNE 6, 2000.

COMMUNITY-PANEL NO. 480334 0350 C EFFECTIVE DATE: JUNE 6, 2000 OF THE FEDERAL EMERGENCY MANAGEMENT AGENCY MAPS FOR HIDALGO COUNTY, TEXAS AND THE LOCAL FLOOD PLAIN ADMINISTRATOR HAVE IDENTIFIED NO OTHER AREAS AS SHOWN ON THIS PLAT ARE WITHIN THE PROPOSED SUBDIVISION TO BE WITHIN THE 100-YEAR FLOOD PLAIN. 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).

2. SETBACKS: FRONT: 25.00 FEET. 50.00 FEET ON MILE 4 WEST [F.M. 3071] 40.00 FEET MILE 17 1/2 NORTH ROAD. REAR: 15.00 FEET OR EASEMENT WHICHEVER IS GREATER. SIDE: 6.00 FEET OR EASEMENT WHICHEVER IS GREATER. CORNER SIDE: 10.00 FEET CORNER GARAGE SIDE: 18.00 FEET. CORNER GARAGE FRONT: 18.00 FEET. CORNER SIDE WHERE R.O.W. IS GREATER THAN 50.00 FEET: 20.00 FEET.

3. NO MORE THAN ONE-SINGLE FAMILY DETACHED DWELLING SHALL BE LOCATED ON EACH LOT. THIS MUST BE STIPULATED ON ALL DEEDS AND CONTRACTS FOR DEEDS. APPLICATIONS FOR CONSTRUCTION ARE REQUIRED PRIOR TO OCCUPYING THE LOT.

4. MINIMUM FINISHED FLOOR ELEVATION SHALL BE 18" ABOVE THE CENTER LINE OF STREET OR 18" ABOVE NATURAL GROUND, WHICHEVER IS GREATER. ELEVATION CERTIFICATE MAY BE REQUIRED FOR LOTS LOCATED OUTSIDE A DESIGNATED FLOOD ZONE AT THE TIME OF APPLICATION FOR CONSTRUCTION TO VERIFY PRE AND POST CONSTRUCTION FINISHED FLOOR ELEVATIONS. AN ELEVATION CERTIFICATE SHALL BE REQUIRED FOR ALL LOTS WITHIN A DESIGNATED FLOOD ZONE AT THE TIME FOR A DEVELOPMENT PERMIT APPLICATION.

5. THE FOLLOWING BENCHMARKS ARE IDENTIFIED ON THE FACE OF THE PLAT AND ON THE ATTACHED ENGINEERING PLANS.

-->B.M. NO. 1- DESCRIPTIONS: MHI ALUMINUM DISK SET IN CONCRETE SLAB ON THE NORTHERN CLIP AT THE NORTHWEST CORNER OF LOT 57 OF THIS SUBDIVISION. N: 16639478.17 E: 1155509.81. ELEV. 75.20 NAD. 83. -->B.M. NO. 2-ELEV. 29 DESCRIPTIONS: MHI ALUMINUM DISK SET IN CONCRETE SLAB ON THE NORTHERN CLIP AT THE SOUTHEAST CORNER OF LOT 32 OF THIS SUBDIVISION. N: 16637803.58 E: 1156440.70. ELEV. 73.75 NAD. 83.

6. IN ACCORDANCE WITH THE HIDALGO COUNTY DRAINAGE DISTRICT NO. 1 AND HIDALGO COUNTY REQUIREMENTS, THIS DEVELOPMENT WILL BE REQUIRED TO DETAIN A TOTAL OF 186,915 CUBIC-FEET (4.291 ACRE- FEET) OF STORM WATER RUNOFF. DRAINAGE RETENTION IN ACCORDANCE WITH THE LOCAL REQUIREMENTS WILL BE ACCOMPLISHED AS FOLLOWS: (SEE SHEET No. 4 FOR STORM SEWER IMPROVEMENTS.) THE DEVELOPER SHALL BE RESPONSIBLE TO DETAIN AND ACCOMMODATE MORE THAN THE DETAINED VOLUME SHOWN ABOVE IF ITS DETERMINES AT THE DEVELOPMENT PERMIT STAGE ABOVE DUE TO THE IMPERVIOUS AREA BEING GREATER THAT PLAT ENGINEER CONSIDERED FOR HIS CALCULATIONS OF THIS SUBDIVISION.

7. ALL LOTS SHALL HAVE A POST DEVELOPMENT FINISH 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.

8. 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.

10. 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.

11. EACH PURCHASE CONTRACT MADE BETWEEN A SUBDIVIDER AND PURCHASER OF A LOT IN THIS SUBDIVISION SHALL CONTAIN A STATEMENT DESCRIBING HOW AND WHEN WATER, SEPTIC, ELECTRICITY, AND GAS SERVICES WILL BE MADE AVAILABLE TO THE SUBDIVISION.

12. NO INDIVIDUAL LOT ACCESS WILL BE ALLOWED FOR LOTS 44 THROUGH 57. A 24 FOOT DRIVEWAY ENTRANCE SHALL BE CONSTRUCTED BY DEVELOPER BETWEEN LOTS 44-45, 46-47, 48-49, 50-51, 52-53, 54-55 AND 56-57 TO PROVIDE INGRESS AND EGRESS TO LOTS 44 THROUGH 57 FROM MILE 4 WEST [F.M. 3071]. TxDOT DRIVEWAY/ENTRANCE PERMIT IS REQUIRED PRIOR TO THE CONSTRUCTION OF THE DRIVEWAY AND THE COUNTY ISSUING A DEVELOPMENT APPLICATION PERMIT.

13. TxDOT DRIVEWAY/ENTRANCE PERMIT IS REQUIRED FOR LOTS 44-57 PRIOR TO THE CONSTRUCTION OF A DRIVEWAY/ENTRANCE ON TO FM 3071 (MILE 4 WEST). TxDOT ACCESS PERMIT IS REQUIRED PRIOR TO THE COUNTY ISSUING A DEVELOPMENT APPLICATION PERMIT.

14. LOTS 1 & 43 SHALL NOT HAVE ACCESS/DRIVEWAY ONTO MILE 4 WEST [F.M. 3071], AND LOT 31-43 SHALL NOT HAVE ACCESS/DRIVEWAY ONTO MILE 17 1/2 NORTH ROAD.

15. 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 SEWERAGE ONLY.

B. EACH LOT ON THIS PLAT COMPLIES WITH THE MINIMUM 21,780 SQUARE FEET LOT AREA WITH POTABLE WATER SUPPLY.

C. OSSF SYSTEM SHALL REQUIRE INSPECTION AND APPROVAL BY HIDALGO COUNTY AUTHORIZED DEPARTMENT

D. SOIL ANALYSIS HAVE BEEN SUBMITTED TO THE AUTHORIZED HIDALGO COUNTY DEPARTMENT AND EXCERPTS MAY BE ALSO SEEN ON THE UTILITY LAYOUT FOR THIS SUBDIVISION AS SUBMITTED TO THE HIDALGO COUNTY PLANNING DEPARTMENT. THE ENGINEER HAS DETERMINED THAT THE SOIL IS SUITABLE FOR A STANDARD SEPTIC TANK AND ABSORPTIVE DRAIN FIELD SYSTEM.

E. APPROVED "OSSF" PERMIT APPLICATION IS REQUIRED INCLUDING INDIVIDUAL LOT PLANNING MATERIALS PRIOR TO OCCUPYING A LOT.

16. THERE ARE NO VISIBLE WATER WELLS WITHIN 150 FEET FROM THE BOUNDARIES ON THIS SUBDIVISION.

17. SAUL ORTEGA, THE OWNER & SUBDIVIDER OF RANCHO NUEVO ESTATES, RETAINS A BLANKET EASEMENT UPON EACH LOT FOR THE PURPOSE OF INSTALLING AN APPROVED OSSF ON THE LOT AS DESCRIBED ON SHEET NO. 3 OF THIS PLAT.

18. CLEARANCES FOR WATER METERS: (ONLY FOR LOTS BEING AS PER LOCAL GOVERNMENT CODE REQUIREMENTS. SEPTIC TANK MUST BE CONNECTED TO A RESIDENCE PRIOR TO THE COUNTY PROCESSING A FINAL CLEARANCE FOR A WATER METER. A SEPTIC TAP INSPECTION SHALL BE PROVIDED FROM THE ENTITY SERVICE PROVIDER PRIOR TO RECEIVING A CLEARANCE FOR WATER METERS.

19. ACCESS EASEMENTS SHALL REMAIN FREE AND CLEAR OF ANY OBSTRUCTIONS SO THAT INCOMING AND OUTGOING TRAFFIC MAY TRAVEL FREELY. THE INDIVIDUAL LOT OWNER SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE PAVING AND DRAINAGE IMPROVEMENTS WITHIN THE ROAD ACCESS EASEMENT WITH HIS RESPECTIVE SECTION.

SUBDIVISION MAP OF RANCHO NUEVO ESTATES A RESUBDIVISION OF 68.324 ACRES BEING ALL OF FARM TRACT 605 WEST TRACT SUBDIVISION VOLUME 2, PAGES 34-37, H.C.M.R. HIDALGO COUNTY, TEXAS.

DESCRIPTION OF RANCHO NUEVO ESTATES METES AND BOUNDS DESCRIPTION

A TRACT OF LAND CONTAINING 68.324 ACRES SITUATED IN THE COUNTY OF HIDALGO, TEXAS, BEING ALL OF FARM TRACT 605, ACCORDING TO THE PLAT THEREOF RECORDED IN VOLUME 2, PAGES 34-37, HIDALGO COUNTY MAP RECORDS SAID 68.324 ACRES WERE CONVEYED TO PLATA PROPERTIES INCORPORATED BY VIRTUE OF A WARRANTY DEED THEREOF RECORDED UNDER DOCUMENT NUMBER 1394389, HIDALGO COUNTY OFFICIAL RECORDS, SAID 68.324 ACRES ALSO BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A NAIL SET [NORTHING: 16637706.779, EASTING: 1155453.619] ON THE SOUTHWEST CORNER OF SAID FARM TRACT 605, FOR THE SOUTHWEST CORNER OF THIS HEREIN DESCRIBED TRACT OF LAND;

- 1. THENCE, N 01° 15' 43" W ALONG THE WEST LINE OF SAID FARM TRACT 605 AND WITHIN THE RIGHT-OF-WAY OF MILE 4 WEST (F.M. 3071) AT A DISTANCE OF 1,320.00 FEET PASS THE MILE 17 3/4 ROAD LINE, CONTINUING A TOTAL DISTANCE OF 2,261.98 FEET TO A NAIL SET [NORTHING: 16639968.206, EASTING: 1155403.806] ON THE NORTHWEST CORNER OF SAID FARM TRACT 605, FOR THE NORTHWEST CORNER OF THIS TRACT;
2. THENCE, N 89° 22' 17" E ALONG THE SOUTH RIGHT-OF-WAY LINE OF MONTE CRISTO ROAD (F.M. 1925) A DISTANCE OF 1,320.08 FEET TO A NO. 4 REBAR SET AT THE NORTHEAST CORNER OF SAID FARM TRACT 605, FOR THE NORTHEAST CORNER OF THIS TRACT;
3. THENCE, S 01° 15' 43" E ALONG THE EAST LINE OF SAID FARM TRACT 605, AT A DISTANCE OF 70.00 FEET PASS THE SOUTH RIGHT-OF-WAY LINE OF AN HIDALGO & CAMERON COUNTY IRRIGATION DISTRICTS NO. 9 RIGHT-OF-WAY, AT A DISTANCE OF 2,227.38 FEET PASS THE NORTH RIGHT-OF-WAY LINE OF MILE 17 1/2 ROAD, CONTINUING A TOTAL DISTANCE OF 2,247.38 FEET TO A NAIL SET ON THE SOUTHEAST CORNER OF SAID FARM TRACT 605, FOR THE SOUTHEAST CORNER OF THIS TRACT;
4. THENCE, S 88° 44' 17" W ALONG THE SOUTH LINE OF SAID FARM TRACT 605, AND WITHIN THE RIGHT-OF-WAY OF MILE 17 1/2 ROAD, A DISTANCE OF 1,320.00 FEET TO THE POINT OF BEGINNING AND CONTAINING 68.324 ACRES OF WHICH 2.088 ACRES LIES WITHIN THE RIGHT-OF-WAY OF MILE 4 ROAD; 0.578 OF ONE ACRE LIES WITHIN THE RIGHT-OF-WAY OF MILE 17 1/2 ROAD, 2.041 ACRES LIES WITHIN THE HIDALGO & CAMERON COUNTY IRRIGATION DISTRICTS NO. 9 CANAL RIGHT-OF-WAY, LEAVING A NET OF 63.617 ACRES OF LAND, MORE OR LESS.

HIDALGO COUNTY CERTIFICATE OF PLAT APPROVAL HIDALGO COUNTY DRAINAGE DISTRICT NO. 1

HIDALGO COUNTY DRAINAGE DISTRICT NO. 1 HEREBY CERTIFIES THAT THE DRAINAGE PLANS FOR THIS SUBDIVISION COMPLY WITH THE MINIMUM STANDARDS OF THE DISTRICT ADOPTED UNDER TEXAS WATER 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 AND HIS ENGINEER TO MAKE THEIR DETERMINATIONS.

HIDALGO COUNTY DRAINAGE DISTRICT NO. 1

RAUL E. SESIN P.E., C.F.M. GENERAL MANAGER

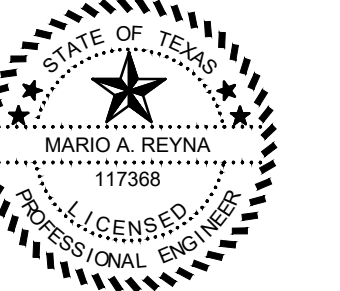
DATE:

STATE OF TEXAS COUNTY OF HIDALGO:

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

MARIO A. REYNA, P.E. # 117368 DATE PREPARED: 5-2-2017 ENGINEERING JOB No. 17073.00

MELDEN & HUNT INC. TEXAS REGISTRATION F-1435



STATE OF TEXAS COUNTY OF HIDALGO:

I, THE UNDERSIGNED, FRED L. KURTH, A REGISTERED PROFESSIONAL LAND SURVEYOR, IN THE STATE OF TEXAS, DO HEREBY CERTIFY THAT THE HEREIN PRESENTED PLAT AND DESCRIPTION OF RANCHO NUEVO ESTATES, WERE PREPARED FROM A SURVEY OF THE PROPERTY MADE ON THE GROUND BY ME OR UNDER MY SUPERVISION ON 11-26-15, AND THAT IT IS A TRUE AND ACCURATE REPRESENTATION OF THE SUBDIVISION OF THE LANDS HEREON DESCRIBED.

FRED L. KURTH, R.P.L.S. # 4750 DATE SURVEYED: 5-16-16 T-1001, PAGE 46 T-1013, PAGES 40-42 SURVEY JOB No. 16066.08



HIDALGO COUNTY CERTIFICATE OF PLAT APPROVAL HIDALGO COUNTY HEALTH DEPARTMENT

I, THE UNDERSIGNED CERTIFY THAT THIS PLAT OF RANCHO NUEVO ESTATES WAS REVIEWED AND APPROVED BY THE HIDALGO COUNTY HEALTH DEPARTMENT

ON _____ DAY OF _____, 20____.

ENVIRONMENTAL HEALTH DIVISION MANAGER

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

WE THE UNDER SIGNED CERTIFY THAT THIS PLAT OF RANCHO NUEVO ESTATES WAS REVIEWED AND APPROVED BY THE HIDALGO COUNTY COMMISSIONERS COURT ON _____ DAY OF _____, 20____.

HIDALGO COUNTY JUDGE

ATTEST: HIDALGO COUNTY CLERK

CERTIFICATION OF HIDALGO & CAMERON COUNTIES

THIS PLAT APPROVED BY THE HIDALGO AND CAMERON COUNTIES IRRIGATION DISTRICT # 9,

DATED THIS _____ DAY OF _____, 2018.

- 1. NO IMPROVEMENTS OF ANY KIND SHALL BE PLACED UPON H.C.C.I.D. #9 RIGHTS-OF-WAY OR EASEMENT WITHOUT THE EXPRESSED WRITTEN PERMISSION OF H.C.C.I.D. #9.
2. IT IS UNDERSTOOD THAT THE RATE OF FLOW OF DRAIN WATER WILL BE NO GREATER THAN THE RATE OF FLOW OF DRAIN WATER WHEN THE LAND WAS IN AGRICULTURAL USE.
3. HIDALGO & CAMERON COUNTY IRRIGATION DISTRICT No. 9 WILL NOT BE RESPONSIBLE FOR DRAINAGE OR DELIVERY OF WATER TO ANY LOT IN THIS SUBDIVISION. IF DESIRED, THIS WILL NOT BE AT THE DISTRICTS EXPENSE. ALSO THERE WILL NOT BE ANY PERMANENT STRUCTURES ON DISTRICT RIGHT-OF-WAYS AND/OR EASEMENTS.

GENERAL MANAGER

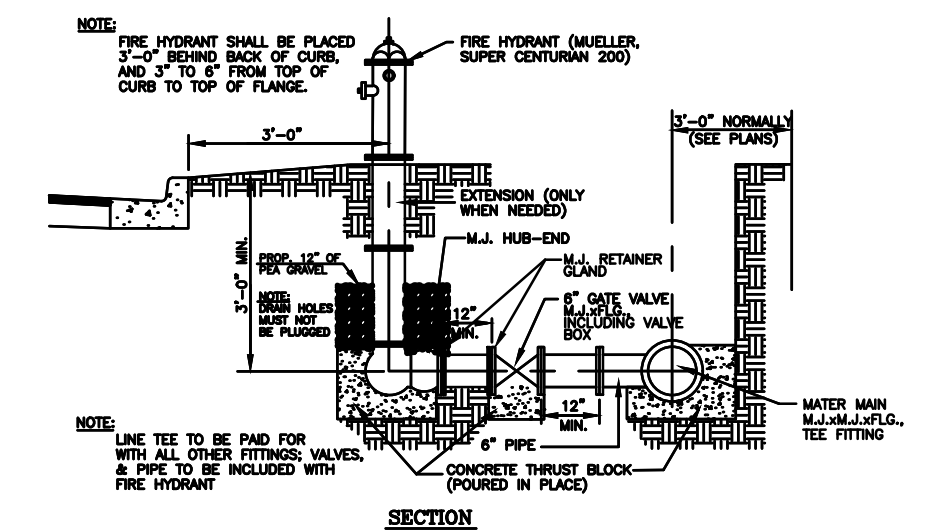
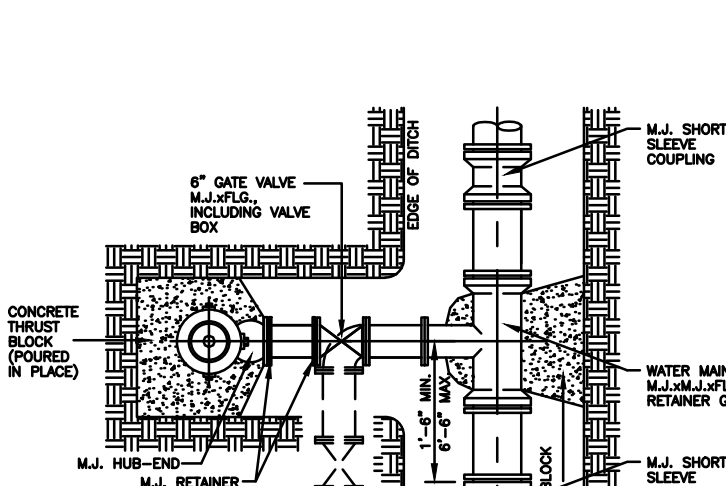
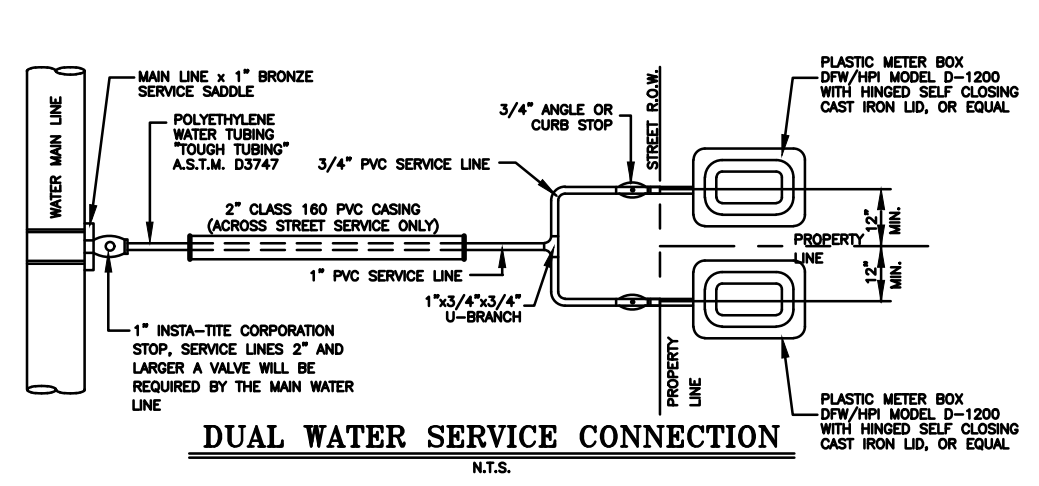
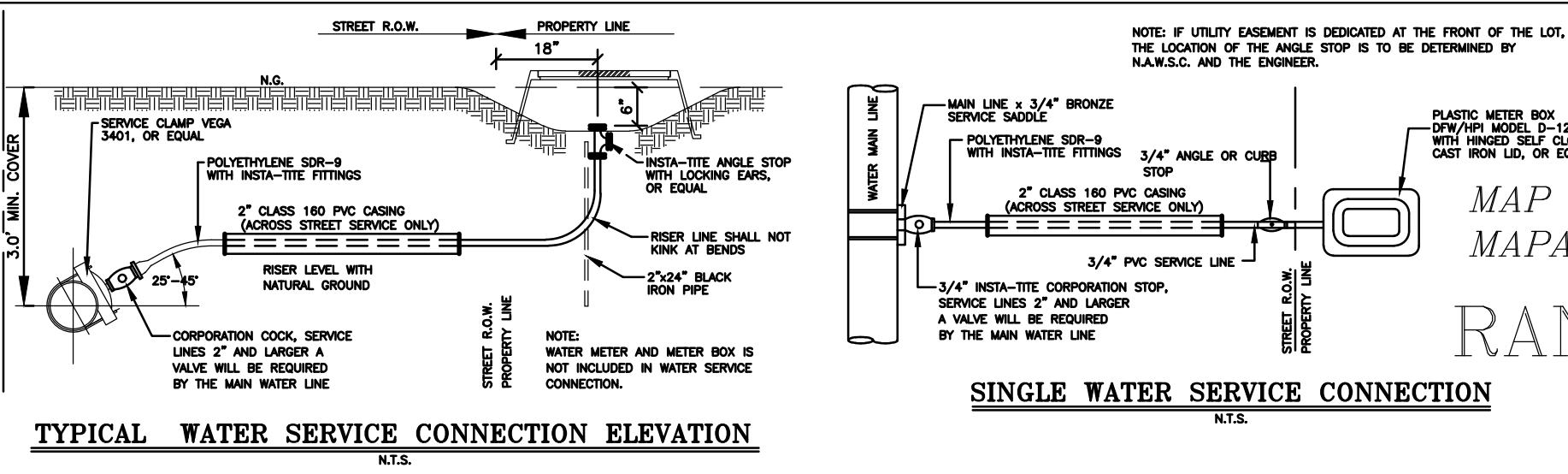
HIDALGO & CAMERON COUNTIES IRRIGATION DISTRICT No. 9

Table with 5 columns: NAME, ADDRESS, CITY & ZIP, PHONE, FAX. Rows include SAUL ORTEGA, FRED L. KURTH, and FRED L. KURTH.

MELDEN & HUNT INC. CONSULTANTS • ENGINEERS • SURVEYORS. 115 W. McINTYRE - EDINBURG, TX 78541. PH: (956) 381-0981 - FAX: (956) 381-1839. ESTABLISHED 1947 - www.meldenandhunt.com

MAP OF WATER DISTRIBUTION SYSTEM MAPA DE SISTEMA DE DISTRIBUCION DE AGUA

SUBDIVISION MAP OF
RANCHO NUEVO ESTATES
A RESUBDIVISION OF 68.324 ACRES
BEING ALL OF FARM TRACT 605
WEST TRACT SUBDIVISION
VOLUME 2, PAGES 34-37, H.C.M.R.
HIDALGO COUNTY, TEXAS.



MELDEN & HUNT INC.
CONSULTANTS • ENGINEERS • SURVEYORS
115 W. McINTYRE - EDINBURG, TX 78641
PH: (956) 381-0981 - FAX: (956) 381-1839
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FARM TRACT 610
VOLUME 2, PAGES 34-37, H.C.M.R.

HIDALGO COUNTY IRRIGATION DISTRICT #9
W.D. DOCUMENT NUMBER 235291, H.C.O.R.

SUBDIVIDER CERTIFICATION
I, SAUL ORTEGA, SUBDIVIDER OF RANCHO NUEVO ESTATES, HEREBY CERTIFY SANITARY SEWER PERMITS HAVE BEEN PAID AND COPIES OF RECEIPTS ARE ON FILE WITH THE HIDALGO COUNTY HEALTH DEPARTMENT, THAT ANY ADEQUATE DRINKING WATER SOURCE IS IMMEDIATELY AVAILABLE TO EACH LOT OF THE TYPE, QUALITY & QUANTITY TO ENABLE EACH PERSON PURCHASING A LOT TO HAVE ADEQUATE WATER TO COMPLY WITH THE REGULATIONS AND THE LAWS OF THE STATE AS REQUIRED BY STATE AND COUNTY REGULATIONS.

OWNER: SAUL ORTEGA
STATE OF TEXAS
COUNTY OF HIDALGO

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED SAUL ORTEGA, KNOWN TO ME THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT AND ACKNOWLEDGED TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT AND TO HAVE EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATION THEREIN STATED, GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS DAY OF _____ 20____.

NOTARY PUBLIC
MY COMMISSION EXPIRES _____

COST ESTIMATE:
PAVING IMPROVEMENTS: \$ 656,220.44
DRAINAGE IMPROVEMENTS: \$ 178,683.00
WATER DISTRIBUTION: \$ 431,802.25
IMPROVEMENTS / OSSF: \$ 148,500.00

ESTIMACION DE COSTOS:
PAVIMENTACION DE CALLES: \$ 656,220.44
DREAJE PLUVIAL: \$ 178,683.00
SERVICIO DE AGUA POTABLE: \$ 431,802.25
TANQUES DE DRENAJE SANITARIO: \$ 148,500.00

ENGINEERING REPORT FOR RANCHO NUEVO ESTATES
BY: FRED L. KURTH
WATER SUPPLY, DESCRIPTION, COST, AND OPERABILITY DATE:
RANCHO NUEVO ESTATES SUBDIVISION MAP OF MILE 17 1/2 ROAD, THE WATER SYSTEM FOR RANCHO NUEVO ESTATES CONSIST OF A 12" DIAMETER WATER LINE THAT TAPS INTO AN EXISTING 16" WATER LINE ALONG THE SOUTH SIDE OF MONTE CRISTO ROAD (F.M. 1925) APPROXIMATELY 2,620.0 FEET EAST OF MILE 4 WEST. THE 12" WATER LINE CROSSES MONTE CRISTO ROAD TO THE NORTH, THEN RUNS WEST APPROXIMATE 2600 FEET ENDING AT THE INTERSECTION OF MONTE CRISTO ROAD AND MILE 4 WEST. AN 8" WATER LINE CONNECTS TO THE PREVIOUSLY MENTIONED 12" WATER LINE THEN CROSSES MONTE CRISTO ROAD TO THE SOUTH AND RUNS ALONG THE EAST RIGHT-OF-WAY OF MILE 4 WEST WITHIN AN EXCLUSIVE 15.0 FOOT N.A.W.S.C. EASEMENT CONNECTING TO AN EXISTING 2" WATER LINE AT THE SOUTHWEST CORNER OF LOT 43. ANOTHER 8" WATER LINE CONNECTS TO THE PREVIOUSLY MENTIONED 8" WATER LINE AT THE SOUTHWEST CORNER OF LOT 43 THEN RUNS EAST WITHIN AN EXCLUSIVE 15.0 FOOT N.A.W.S.C. EASEMENT AND CONNECT TO A 2" WATER LINE AT THE SOUTHWEST CORNER OF LOT 31. A PROPOSED 8" WATER LINE SHALL CONNECT TO A PREVIOUSLY MENTIONED 8" WATER LINE AT THE SOUTHWEST CORNER OF LOT 1 RUNNING EAST ALONG THE NORTH RIGHT-OF-WAY OF MA SYLVIA AVENUE ENDING AT THE SOUTHWEST CORNER OF LOT 15. ANOTHER 8" WATER LINE CONNECTS TO THE PREVIOUSLY MENTIONED 8" WATER LINE AT THE NORTHWEST CORNER OF LOT 43 AND RUNS EAST ALONG THE SOUTH RIGHT-OF-WAY OF DANIEL AVENUE CONNECTING TO A WATER LINE AT THE SOUTHWEST CORNER OF LOT 29. ANOTHER 8" WATER LINE CONNECT TO AN 8" WATERLINE AT THE SOUTHWEST CORNER OF LOT 31, THEN RUNS NORTH ALONG THE EAST RIGHT-OF-WAY OF ISABELLA CHRISTINE STREET CONNECTING TO AN 8" WATER LINE AT THE SOUTHWEST CORNER OF LOT 13. ANOTHER 8" WATER LINE CONNECT TO AN 8" WATER LINE AT THE NORTHWEST CORNER OF LOT 37 THEN RUNS NORTH ALONG THE EAST RIGHT-OF-WAY OF JOSHUA DANIEL STREET CONNECTING TO AN 8" WATER LINE AT THE SOUTHWEST CORNER OF LOT 7.

WATER DISTRIBUTION FOR THE RANCHO NUEVO ESTATES CONSISTS OF FORTY-FIVE (45) 1" DIAMETER DUAL SERVICE LINES THAT RUN IN PAIRS TO THE LOTS BEFORE SPLITTING INTO 1/2" DIAMETER SERVICE LINES. SAID SERVICE LINES, SAID SERVICES TERMINATE AT THE WATER METER BOXES FOR EACH LOT AND 9" SINGLE SERVICE SERVING 8 LOTS. THE 8" LINE DUAL SERVICES, 1/2" SINGLE SERVICES AND THE METER BOXES HAVE ALREADY BEEN INSTALLED AT TOTAL COST OF \$ 431,802.25. (ADDITIONAL BORNOS WERE UNNECESSARY BECAUSE THE SOILS ARE VERY UNIFORM WITHIN THIS LIMIT AREA). THE SOIL IS A UNIFORM SANDY CLAY LOAM EXTENDING UP TO 36" BELOW THE BOTTOM OF ANY PROPOSED EXCAVATIONS. THERE IS NO INDICATION OF GROUND WATER OR A RESTRICTIVE LAYER WITHIN 24" OF BOTTOM OF THE PROPOSED EXCAVATIONS. THE SUBDIVISION DRAINS WELL.

SEWAGE FACILITIES DESCRIPTION, COST AND OPERABILITY DATES
SEWAGE FROM RANCHO NUEVO ESTATES WILL BE TREATED BY INDIVIDUAL ON-SITE SEWAGE FACILITIES ("OSSF") CONSISTING OF A STANDARD DESIGN DUAL COMPARTMENT SEPTIC TANKS AND DRAIN FIELD ON EACH LOT. JOSE A. GONZALEZ PROFESSIONAL ENGINEER NO. 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. EACH LOT HAS ADEQUATE AREA FOR OSSF.

SOIL EVALUATION REPORT:
EACH LOT IN THE PROPOSED SUBDIVISION IS AT LEAST 1/2 ACRE IN SIZE. THE NATURAL RESOURCES CONSERVATION SERVICE SOIL SURVEY BOOK INDICATED A SANDY CLAY LOAM SOIL FOR THE AREA. AT LEAST TWO SOIL EXCAVATIONS WERE PERFORMED ON THE SITE, AT OPPOSITE ENDS OF THE PROPOSED DISPOSAL AREA. (ADDITIONAL BORNOS WERE UNNECESSARY BECAUSE THE SOILS ARE VERY UNIFORM WITHIN THIS LIMIT AREA). THE SOIL IS A UNIFORM SANDY CLAY LOAM EXTENDING UP TO 36" BELOW THE BOTTOM OF ANY PROPOSED EXCAVATIONS. THERE IS NO INDICATION OF GROUND WATER 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 \$ 1,500.00, INCLUDING THE COST FOR THE REQUIRED PERMIT AND STANDARD DESIGN DUAL COMPARTMENT SEPTIC TANKS AND DRAIN FIELD ON EACH LOT. THE TOTAL COST OF ALL OSSF AT A TOTAL COST OF \$ 148,500.00. THE HIDALGO COUNTY HEALTH DEPARTMENT HAS INSPECTED AND APPROVED THE INSTALLATION OF ALL OSSF ON XXXXXXXXXXXX, 2017.

ENGINEER CERTIFICATION
I CERTIFY THAT THE WATER AND SEWAGE SERVICE FACILITIES DESCRIBED ABOVE ARE IN COMPLIANCE WITH THE MODEL RULES ADOPTED UNDER SECTION 16.543, WATER CODE. I CERTIFY THAT THE COSTS TO INSTALL THE WATER AND THE UNCONSTRUCTED 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 \$ 551,802.25 WHICH EQUALS TO \$ 5,318.02 PER LOT.

SEWAGE FACILITIES - SEPTIC SYSTEM IS ESTIMATED TO COST \$1,500.00 PER LOT (ALL INCLUSIVE), FOR A TOTAL OF \$ 148,500.00 FOR THE ENTIRE SUBDIVISION.

ENGINEER'S SIGNATURE DATE MELDEN & HUNT, INC. TEXAS REGISTRATION F-1435

REPORT DE INGENIERIA DE RANCHO NUEVO ESTADOS
POR: FRED L. KURTH
PROVISION DE AGUA: DESCRIPCION, COSTOS Y FECHA DE OPERABILIDAD
RANCHO NUEVO ESTADOS SUBDIVISION MAP OF MILE 17 1/2 ROAD, EL SISTEMA DE DISTRIBUCION DEL AGUA SE CUENTA DE UNA LINEA DE 12" QUE SE CONECTA CON LA LINEA DE 16" EN EL LADO SUR DE MONTE CRISTO ROAD (F.M. 1925) APROXIMADAMENTE 2620.0 PIES ESTE DE MILE 4 WEST. LA LINEA DE 12" CRUSA AL NORTE DE MONTE CRISTO ROAD Y CAMINA AL NORTE DENTRO DE LA BORNEA DE MONTE CRISTO ROAD Y MILE 4 WEST. UNA LINEA DE 8" SE CONECTA A LA LINEA DE 12" PREVIAMENTE MENCIONADA CORRIENDO AL SUR EN EL LADO ESTE DEL DERECHO DE VILLA DE MILE 4 WEST Y DENTRO DE UNA CONSECCION DE 15.0 PIES DE N.A.W.S.C. CONECTANDO A UNA LINEA DE 2" LOCALISADO EN EL SUROESTE DE LOTE 43. OTRA LINEA DE 8" SE CONECTA A LA LINEA DE 8" PREVIAMENTE MENCIONADA CORRIENDO AL ESTE EN EL LADO ESTE DEL DERECHO DE VILLA DE MILE 17 1/2 ROAD Y DENTRO DE UNA CONSECCION DE 15.0 PIES DE N.A.W.S.C. CONECTANDO A UNA LINEA DE 2" LOCALISADO EN EL SUROESTE DE LOTE 31. OTRA LINEA DE 8" SE CONECTA A LA LINEA DE 8" PREVIAMENTE MENCIONADA EN EL SUROESTE DE LOTE 43. OTRA LINEA DE 8" SE CONECTA A LA LINEA DE 8" PREVIAMENTE MENCIONADA EN EL SUROESTE DE LOTE 31 Y CORRE AL NORTE EN EL LADO ESTE DEL DERECHO DE VILLA DE MILE 4 WEST Y DENTRO DE UNA CONSECCION DE 15.0 PIES DE N.A.W.S.C. CONECTANDO A UNA LINEA DE 2" LOCALISADO EN EL SUROESTE DE LOTE 31. OTRA LINEA DE 8" SE CONECTA A LA LINEA DE 8" PREVIAMENTE MENCIONADA EN EL SUROESTE DE LOTE 31 Y CORRE AL NORTE EN EL LADO ESTE DEL DERECHO DE ISABELLA CHRISTINE AVENUE CONECTANDO A UNA LINEA DE 8" EN EL LADO SUR DEL DERECHO DE VILLA DE MILE 4 WEST Y DENTRO DE UNA CONSECCION DE 15.0 PIES DE N.A.W.S.C. CONECTANDO A UNA LINEA DE 2" LOCALISADO EN EL SUROESTE DE LOTE 31. OTRA LINEA DE 8" SE CONECTA A LA LINEA DE 8" PREVIAMENTE MENCIONADA EN EL SUROESTE DE LOTE 31 Y CORRE AL NORTE EN EL LADO ESTE DEL DERECHO DE JOSHUA DANIEL AVENUE CONECTANDO A UNA LINEA DE 8" EN EL LADO SUR DEL DERECHO DE VILLA DE MILE 4 WEST Y DENTRO DE UNA CONSECCION DE 15.0 PIES DE N.A.W.S.C. CONECTANDO A UNA LINEA DE 2" LOCALISADO EN EL SUROESTE DE LOTE 31.

EL SISTEMA DE DISTRIBUCION DEL AGUA PARA RANCHO NUEVO ESTADOS CONSISTE DE CUARENTA CINCO (45) SERVICIOS SENCILLOS DE AGUA DE 1" ESTOS SERVICIOS SE SEPARAN FORMANDO DOS SERVICIOS DE AGUA DE 1/2" PARA CADA LOTE. NUEVE (9) SERVICIOS DE 2" SERVIENDO CADA LOTE. SE HA INSTALADO YA LA LINEA DE AGUA DE 8" PULGADAS DE DIAMETRO. LOS SERVICIOS SENCILLOS DE 1" PULGADA DE DIAMETRO SERVICIOS DONDE SE HA INSTALADO YA LAS CANTAS DE LOS MEDIDORES A UN COSTO TOTAL DE \$ 431,802.25 (\$ 4,318.02 POR LOTE). EL DUEÑO/REPRESENTANTE DE LA SUBDIVISION LE HA PAGADO A N.A.W.S.C. LA CANTIDAD DE \$ 120,000.00 QUE CUBRE EL COSTO DE LOS MEDIDORES (1.200.000.00 PARA CADA LOTE). ESTE PRECIO INCLUYE TAMBIEN EL COSTO DE LA INSTALACION DE CADA MEDIDOR Y LOS GASTOS DE CONECCION, CUANDO EL DUEÑO DE ALGUNO DE LOS LOTES SOLICITE UN MEDIDOR DE AGUA, N.A.W.S.C. LO INSTALARA SIN COSTO ALGUNO. EL DUEÑO/REPRESENTANTE DE LA SUBDIVISION HA INSTALADO 12 BOCA DE REGISOS CONTRA INCENDIO (FIRE HYDRANTS) A UN COSTO DE \$ 148,500.00 POR CADA UNO. LO CUAL REPRESENTA UNA CANTIDAD TOTAL DE \$ 1,500.00. EL SISTEMA DE AGUA ESTARA EN FUNCIONAMIENTO COMPLETO ANTES O EN LA FECHA EN LA CUAL LA SUBDIVISION SE REGISTRA EN EL CONDADO DE HIDALGO.

DRENAJE SANITARIO: DESCRIPCION, COSTOS Y FECHA DE OPERABILIDAD
EL DRENAJE SANITARIO DE RANCHO NUEVO ESTADOS SUBDIVISION SE TRATARA DE FORMA INDIVIDUAL POR MEDIO DE UN TANQUE/FOGA SEPTICA PARA CADA SOLAR. DICHO TANQUE/FOGA SEPTICA SERA DE DISEÑO STANDARD DE DOBLE COMPARTIMIENTO, INCLUIDA TAMBEN EL AREA DE DRENAJE. EL INGENIERO JOSE A. GONZALEZ CON LICENCIA NO. 12258, HA EVALUADO EL LUGAR DONDE SE ENCUENTRA ESTA SUBDIVISION Y HA PREPARADO UN REPORTE QUE CONCLUYE QUE ESTE TERRENO ES ADECUADO PARA LA INSTALACION DE UN TANQUE/FOGA SEPTICA (OSSF). EL REPORTE FUE REVISADO Y APROBADO POR EL DEPARTAMENTO DE SALUBRIDAD DEL CONDADO DE HIDALGO (HIDALGO COUNTY HEALTH DEPARTMENT). CADA LOTE CUENTA CON UNA AREA ADECUADA PARA REEMPLAZAR EL AREA DE DRENAJE.

CADA LOTE EN ESTA SUBDIVISION CUENTA CON UNA AREA DE AL MENOS 1/2 ACRE, EN LA BASE DE DATOS DE "THE NATURAL RESOURCES CONSERVATION SERVICE" INDICA QUE EL SUELO EN ESTA PROPIEDAD ES DEL TIPO "ARENOSA-ARCILLOSA". AL MENOS DOS PERFORACIONES SE EXCAVARON EN ESTE LUGAR EN DOS PUNTOS ORJUESTOS EN EL AREA DONDE EL TANQUE/FOGA SEPTICA SE INSTALARA (PERFORACIONES ADICIONALES FUERON NECESARIAS DEBIDO A QUE EL TIPO DE SUELO ES BASTANTE UNIFORME EN ESTA AREA) EL SUELO EN ESTA PROPIEDAD ES DEL TIPO "ARENOSA-ARCILLOSA" EXTENDIENDOSE HASTA 36" DEBAJO DEL FONDO DE CADA PERFORACION. NO HAY NINGUNA INDICACION DE AGUA EN LA SUPERFICIE, O ALGUNA CAPA RESTRICTIVA DENTRO DE 24" DEBAJO DEL FONDO DE CADA PERFORACION. ESTA PROPIEDAD CUENTA CON BUEN DRENAJE.

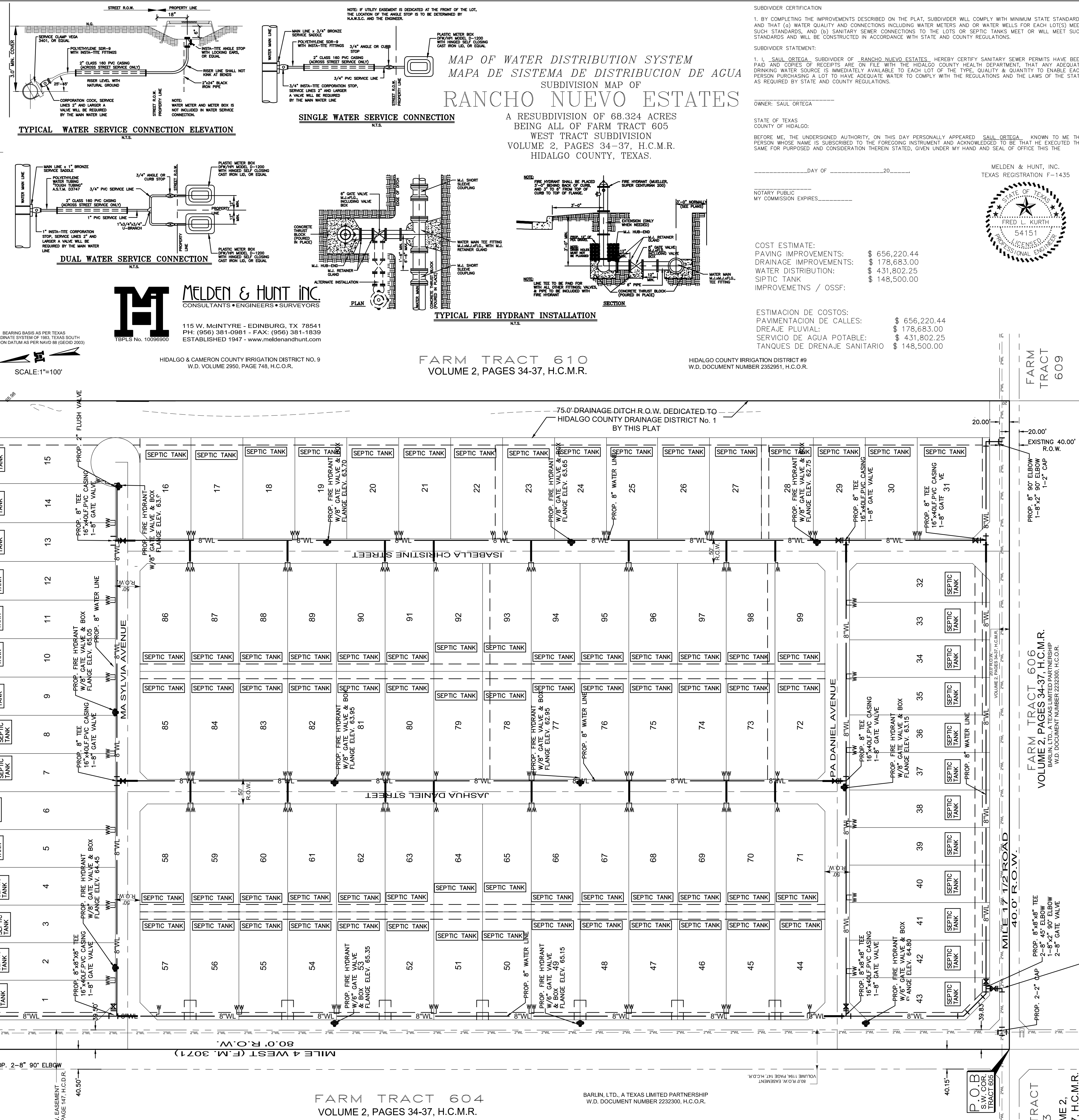
EL COSTO TOTAL PARA LA INSTALACION DE UN SISTEMA INDIVIDUAL DE TANQUES/FOGAS SEPTICAS POR LOTE ES DE: \$1,500.00 DOLARES, INCLUYENDO EL COSTO DEL PERMISO REQUERIDO Y LICENCIA. TODOS LOS TANQUES/FOGAS SEPTICAS HAN SIDO INSTALADOS AL TIEMPO DE LA APLICACION PARA LA APLICACION PARA LA APLICACION PARA LA APLICACION A UN COSTO TOTAL DE \$ 148,500.00. EL DEPARTAMENTO DE SALUBRIDAD DEL CONDADO DE HIDALGO HA INSPECCIONADO TODAS LAS FOSAS SEPTICAS Y HA APROBADO SU INSTALACION DESDE LA FECHA DE: XXXXX XX, 2017.

CERTIFICACION:
YO, MI FIRMA, CERTIFICO QUE LOS SERVICIOS Y SISTEMAS DE AGUA POTABLE Y DE DRENAJE SANITARIO DESCRITOS EN ESTE DOCUMENTO, CUMPLEN CON LAS REGLAS MODELO (MODEL SUBDIVISION RULES) ADOPTADAS EN LA SECCION 16.543 DEL CODIGO DEL AGUA (WATER CODE), CERTIFICO QUE LOS COSTOS PARA INSTALAR LOS SISTEMAS DE AGUA POTABLE Y DE DRENAJE SANITARIO SON DE LA SIGUIENTE MANERA:
AGUA: EL SISTEMA/SERVICIO DE AGUA SERA INSTALADO Y COMPLETAMENTE CONSTRUIDO INCLUYENDO EL MEDIDOR DE AGUA CON UN COSTO TOTAL DE \$ 551,802.25 O \$ 2,205.02 POR LOTE.
DRENAJE SANITARIO: SE ESTIMA QUE LOS TANQUES/FOGAS SEPTICAS COSTARAN \$1,500.00 POR LOTE, TENIENDO UN COSTO TOTAL DE \$ 148,500.00 POR TODA LA SUBDIVISION.

ENGINEER'S SIGNATURE DATE MELDEN & HUNT, INC. TEXAS REGISTRATION F-1435

FRED L. KURTH
54151
LICENSED PROFESSIONAL ENGINEER

MISSOURI-TEXAS LAND AND IRRIGATION COMPANY'S SUBDIVISION
LOT 11, BLOCK 99
VOLUME 1, PAGES 29, H.C.M.R.
LOT 12, BLOCK 99
VOLUME 1, PAGES 29, H.C.M.R.
CORPORATION I.R.
MONTE CRISTO ROAD (F.M. 1925)
NORTH ALAMO WATER SUPPLY CORPORATION
W.D. 12
70.30
69.00



FARM TRACT 604
VOLUME 2, PAGES 34-37, H.C.M.R.

BARLIN, LTD., A TEXAS LIMITED PARTNERSHIP
W.D. DOCUMENT NUMBER 223290, H.C.O.R.

MISSOURI-TEXAS LAND AND IRRIGATION COMPANY'S SUBDIVISION
 LOT 11, BLOCK 99
 VOLUME 1, PAGES 29, H.C.M.R.

MISSOURI-TEXAS LAND AND IRRIGATION COMPANY'S SUBDIVISION
 LOT 12, BLOCK 99
 VOLUME 1, PAGES 29, H.C.M.R.

FARM TRACT 610
 VOLUME 2, PAGES 34-37, H.C.M.R.

FARM TRACT 609

FARM TRACT 606
 VOLUME 2, PAGES 34-37, H.C.M.R.
 BARLIN LTD., A TEXAS LIMITED PARTNERSHIP
 W.D. DOCUMENT NUMBER 2232000, H.C.O.R.

FARM TRACT 603
 VOLUME 2,
 PAGES 34-37, H.C.M.R.

MAP OF TOPOGRAPHY AND DRAINAGE:
 MAPA DE TOPOGRAFIA Y DESAGUE:
 SUBDIVISION MAP OF
RANCHO NUEVO ESTATES

A RESUBDIVISION OF 68.324 ACRES
 BEING ALL OF FARM TRACT 605
 WEST TRACT SUBDIVISION
 VOLUME 2, PAGES 34-37, H.C.M.R.
 HIDALGO COUNTY, TEXAS.

FARM TRACT 604
 VOLUME 2, PAGES 34-37, H.C.M.R.

BARLIN LTD., A TEXAS LIMITED PARTNERSHIP
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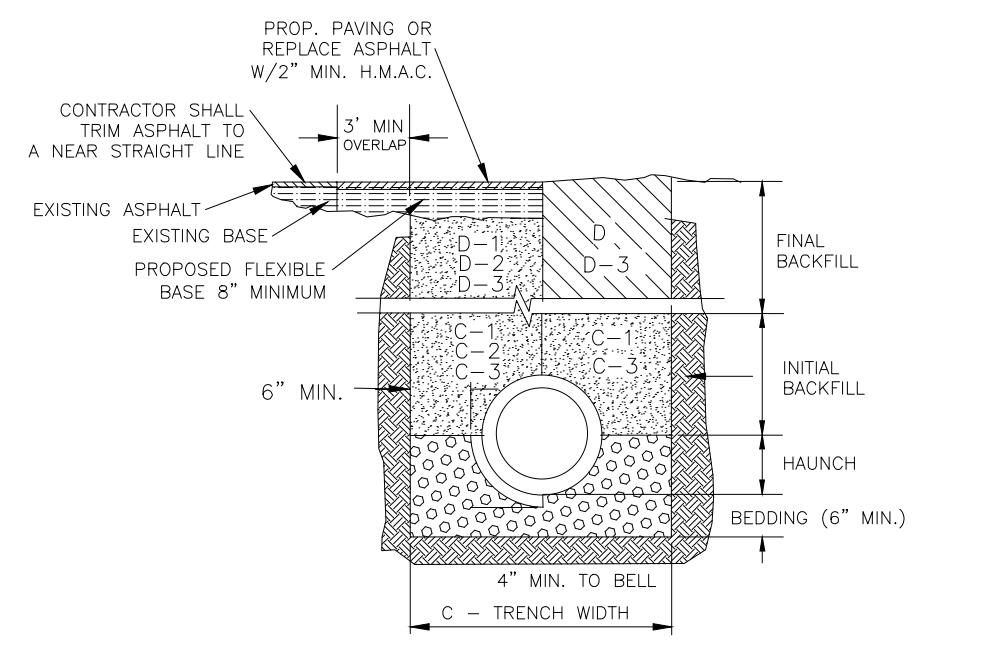
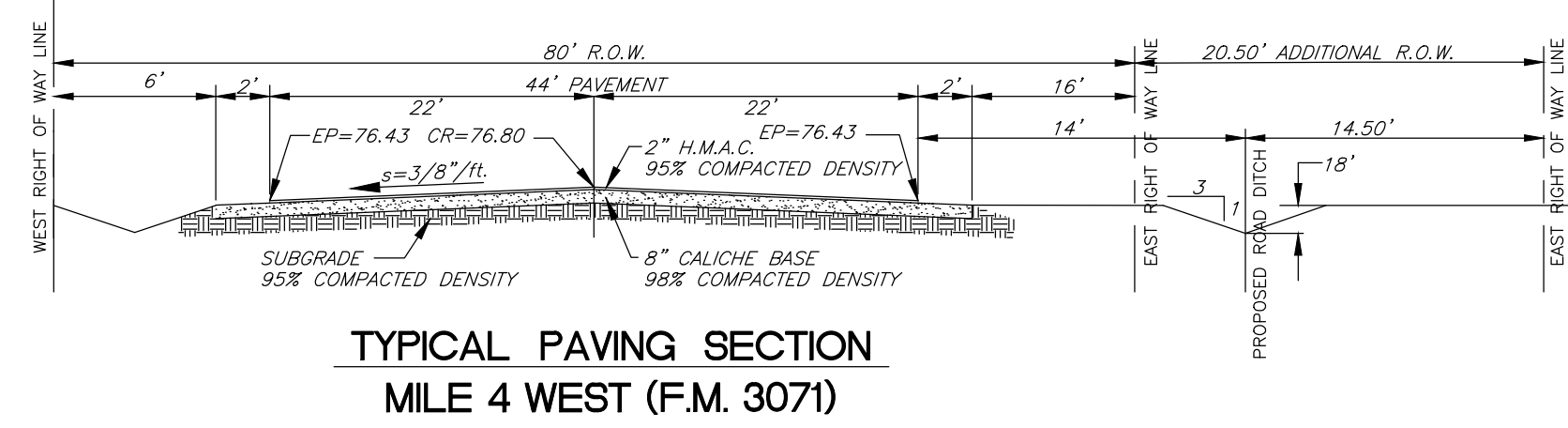
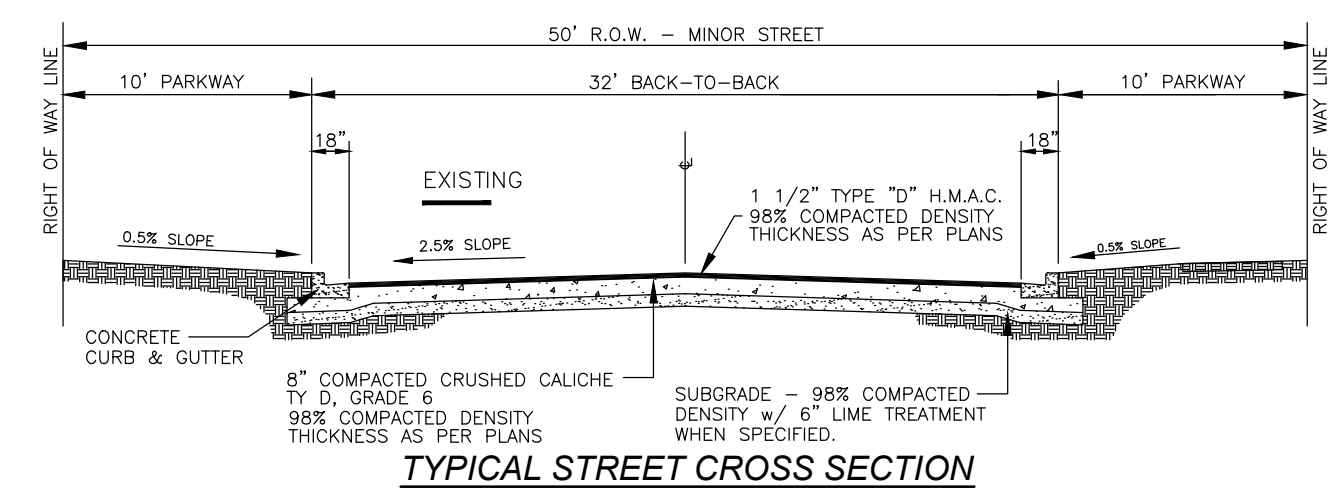
LEGEND
 [Symbol] - INLET
 [Symbol] - RUNOFF ARROWS
 [Symbol] - FINISH GRADE ELEVATION
 [Symbol] - EXISTING ELEVATION

BEARING BASIS AS PER TEXAS
 COORDINATE SYSTEM OF 1983 TEXAS SOUTH
 ELEVATION DATUM AS PER NAVD 83 (GEOID 2003)

SCALE: 1"=100'

M MELDEN & HUNT INC.
 CONSULTANTS • ENGINEERS • SURVEYORS
 114 W. McINTYRE - EDINBURG, TX 78541
 PH: (956) 381-0981 - FAX: (956) 381-1839
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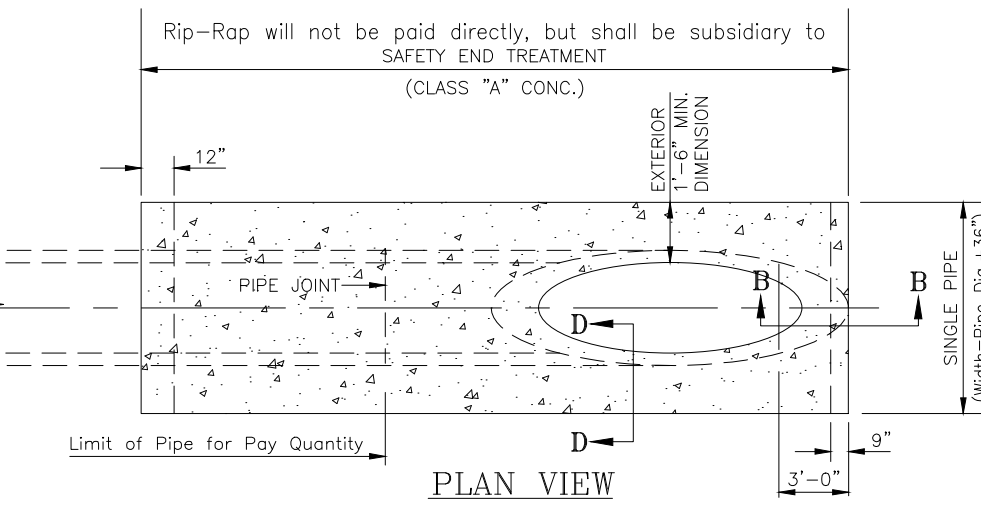
MAP OF TOPOGRAPHY AND DRAINAGE:
 MAPA DE TOPOGRAFIA Y DESAGUE:
 SUBDIVISION MAP OF
RANCHO NUEVO ESTATES
 A RESUBDIVISION OF 68.324 ACRES
 BEING ALL OF FARM TRACT 605
 WEST TRACT SUBDIVISION
 VOLUME 2, PAGES 34-37, H.C.M.R.
 HIDALGO COUNTY, TEXAS.



- A. BEDDING FOR RCP CLASS II HIGH PERFORMANCE POLYPROPYLENE OR CORRUGATED PVC STORM DRAIN PIPE - SAND AND/OR GRAVEL MAY BE PLACED BEFORE PIPE IS LAD UP TO FLOW OF PIPE (MIN. COMPACTED THICKNESS = 6") - FIT RUN GRAVEL, 2" MAX SIZE.
- B. 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% S.P.D., 8" LOOSE LIFTS, MECHANICAL COMPACTION.
- C. TRENCH WIDTH - SHALL BE BELL O.D. X 1.5 + 12". MINIMUM TRENCH WIDTH SHALL EQUAL STRUCTURE WIDTH + 4FT. THROUGHOUT THE HEIGHT OF THE STRUCTURE.
- D-1 INITIAL BACKFILL FOR RCP CLASS II STORM DRAIN PIPE ON CITY STREETS, PARKING AREAS, DRIVEWAYS, COUNTY ROADS & UNPAVED AREAS - SHALL BE SOIL TYPE A1, A2, A3 WITH A MAXIMUM P.I. OF 19 (ASHTO M145) COMPACTED TO 92% S.P.D., 8" LOOSE LIFTS, MECHANICAL COMPACTION.
- D-2 INITIAL BACKFILL FOR RCP CLASS II STORM DRAIN PIPE ON STATE MAINTAINED ROADWAY - COMPACTED SAND/CEMENT STABILIZED BACKFILL WITH 7% PORTLAND CEMENT, COMPACTED TO 92% S.P.D., AS PER ASTM D4253 AND ASTM D698, 8" LOOSE LIFTS, MECHANICAL COMPACTION.
- D-3 INITIAL BACKFILL FOR HIGH PERFORMANCE POLYPROPYLENE OR CORRUGATED PVC STORM DRAIN PIPE - SHALL BE CLASS I OR CLASS II WITH A MAXIMUM P.I. OF 19 (ASTM D2321) BACKFILL MATERIAL, COMPACTED TO 92% S.P.D., 8" LOOSE LIFTS, MECHANICAL COMPACTION.
- D-4 FINAL BACKFILL FOR RCP CLASS II HIGH PERFORMANCE POLYPROPYLENE OR CORRUGATED PVC STORM DRAIN PIPE UNDER UNPAVED SECTIONS - SHALL BE CLASS I, II, III, OR IV, COMPACTED TO 92% S.P.D., 12" LOOSE LIFTS, MECHANICAL COMPACTION.
- D-5 FINAL BACKFILL FOR RCP CLASS II HIGH PERFORMANCE POLYPROPYLENE OR CORRUGATED PVC STORM DRAIN PIPE ON CITY STREETS, PARKING AREAS, DRIVEWAYS AND COUNTY ROADS - SHALL BE SOIL TYPE A1, A2, A3 WITH A MAXIMUM P.I. OF 19 (ASHTO M145) COMPACTED TO 92% S.P.D., 8" LOOSE LIFTS, MECHANICAL COMPACTION.
- D-6 FINAL BACKFILL FOR RCP CLASS II, HIGH PERFORMANCE POLYPROPYLENE OR CORRUGATED PVC STORM DRAIN PIPE ON STATE MAINTAINED ROADWAY - COMPACTED SAND/CEMENT STABILIZED BACKFILL WITH 7% PORTLAND CEMENT, COMPACTED TO 92% S.P.D., AS PER ASTM D4253 AND ASTM D698, 8" LOOSE LIFTS, MECHANICAL COMPACTION.
- D-7 FINAL BACKFILL OR STRUCTURES (INLETS, MANHOLES, ETC.) - STRUCTURES UNDER THE ROADWAY AND UP TO 5 FT BEYOND THE EDGE OF PAVEMENT/BACK OF CURB SHALL HAVE CLASS I OR CLASS II (ASTM D2321) OR SOIL TYPE A1, A2, OR A3 (ASHTO M145) WITH A MAXIMUM P.I. OF 19 BACKFILL MATERIAL. FOUNDATION PREPARATION (SLOPES, MINIMUM 4" GRAVEL OR CEMENTS STABILIZATION OR APPROVED SUBSTITUTE) SHALL BE REQUIRED WHEN TRENCH BOTTOM IS UNSTABLE. BACKFILLING AT STRUCTURES SHALL BE PLACED IN UNIFORM LAYERS, MODIFIED AS REQUIRED TO APPROPRIATE OPTIMUM MOISTURE CONTENT AND COMPACTED TO 92% S.P.D. (USE RELATIVE DENSITY TEST PER ASTM D4253 & ASTM D698). THE THICKNESS OF EACH LOOSE LAYER SHALL NOT EXCEED 8".

STORM TRENCH BEDDING AND BACKFILL DETAILS

N.T.S.

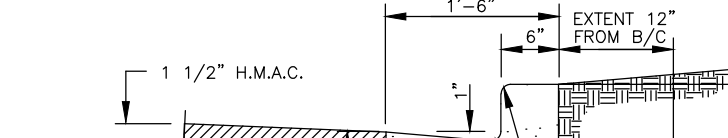


PIPE DIA (IN.)	3.1	4.1	5.1	6.1
12"	2'-0"	2'-8"	3'-4"	4'-0"
15"	2'-8"	3'-4"	4'-0"	4'-8"
18"	3'-4"	4'-0"	4'-8"	5'-4"
21"	4'-0"	4'-8"	5'-4"	6'-0"
24"	4'-8"	5'-4"	6'-0"	6'-8"
30"	6'-0"	6'-8"	7'-4"	8'-0"
36"	7'-4"	8'-0"	8'-8"	9'-4"

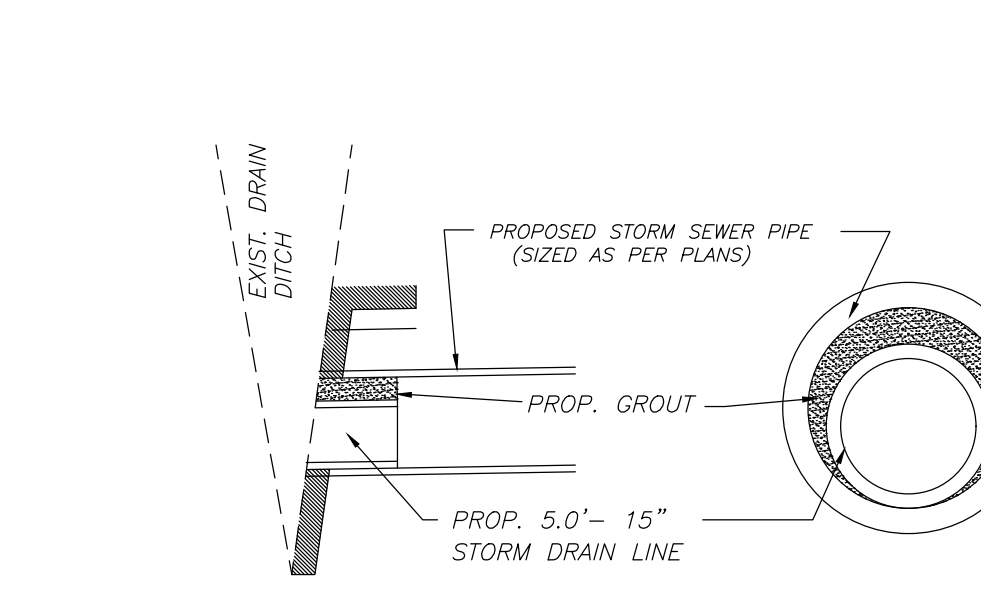
SAFETY END TREATMENT PIPE LENGTHS



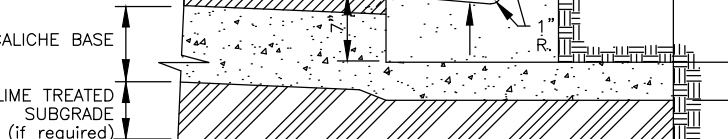
SAFETY END TREATMENT - (Type "C") DETAILS



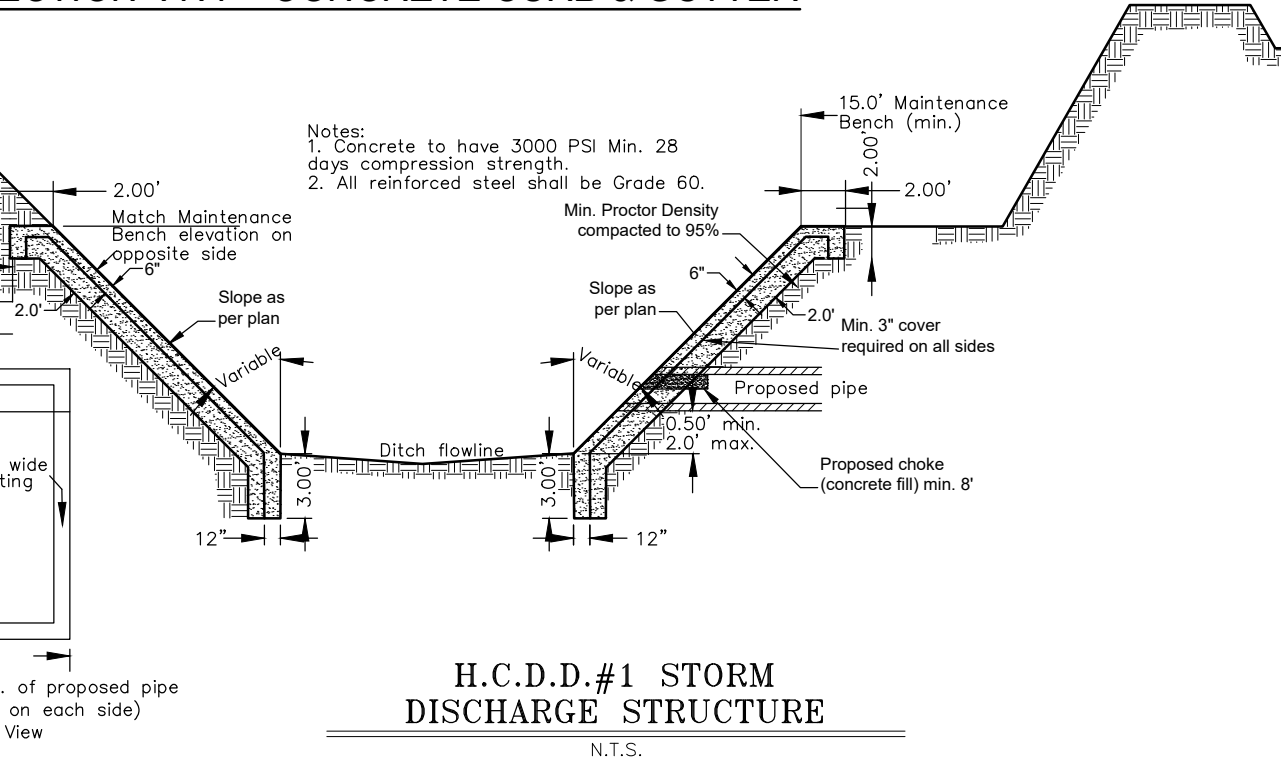
SECTION "BB"



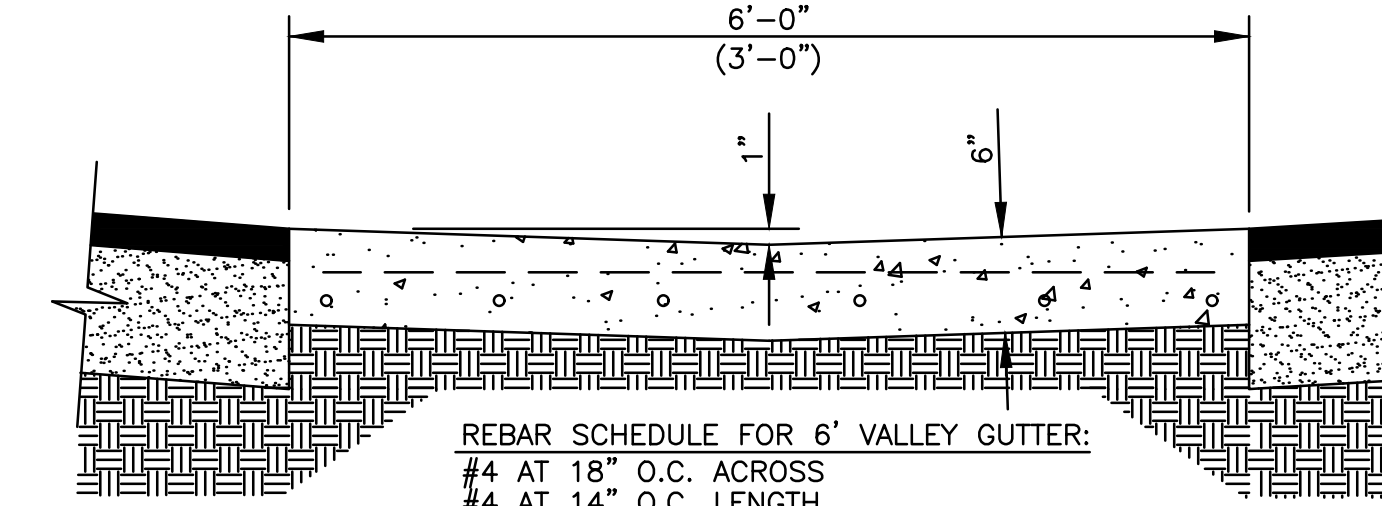
PROP. RESTRICTION DETAIL



SECTION "AA" - CONCRETE CURB & GUTTER



H.C.D.#1 STORM DISCHARGE STRUCTURE



SECTION "CC" - CONCRETE VALLEY GUTTER

GENERAL NOTES:

1. ALL CONCRETE WORK SHALL BE TREATED WITH MEMBRANE CURING COMPOUND TYPE 2 WHITE PIGMENTED IN ACCORDANCE W/ THD 1972 SPECIFICATIONS ITEM 531. CONSIDERED INCIDENTAL TO CONCRETE WORK.
2. 1/2" EXPANSION JOINTS REQUIRED AT 70' C.C. AND AT THE BEGINNING AND END OF ALL RADII. CONTRACTION JOINTS SHALL NOT EXCEED 10' C.C.

DRAINAGE STATEMENT

RANCHO NUEVO ESTATES IS A 68.324 ACRES BEING ALL OF FARM TRACT 605, WEST TRACT SUBDIVISION, COUNTY OF HIDALGO, TEXAS AS RECORDED IN VOLUME 2, PAGES 34-37, HIDALGO COUNTY MAP RECORDS. THE PROPERTY IS LOCATED ALONG THE NORTHEAST INTERSECTION OF MILE 4 WEST (F.M. 3071) AND MILE 17 1/2 ROAD. THIS SUBDIVISION FALLS OUTSIDE THE CITY LIMITS OF THE CITY OF EDDOUGH AND FALL IN THE RURAL AREA OF HIDALGO COUNTY. THE PROPERTY IS CURRENTLY OPEN WITH A PROPOSED 100 RESIDENTIAL USE AND IS LOCATED IN ZONE "UNSHADED" IN FEMA'S FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 480334 0350 C, MAP REVISED JUNE 6, 2000. ZONE "UNSHADED" IS AN AREA DETERMINED TO BE OUTSIDE 500-YEAR FLOODPLAIN.

THE SOILS ARE HIDALGO SANDY CLAY LOAM, WHICH IS MODERATELY PEROUS WITH A RELATIVELY LOW PLASTICITY INDEX. THIS SOIL IS IN HYDROLOGIC GROUP "B". (SEE EXCERPTS FROM "SOIL SURVEY OF HIDALGO COUNTY, TEXAS")

EXISTING RUNOFF IS BY SURFACE FLOW IN AN EASTERLY DIRECTION AND HAS A RUNOFF OF 11.78 C.F.S. DURING THE 10-YEAR STORM FREQUENCY AS PER THE ATTACHED CALCULATIONS. PROPOSED RUNOFF AFTER DEVELOPMENT IS 76.21 C.F.S., DURING THE 10-YEAR STORM FREQUENCY, PER THE ATTACHED CALCULATION, WHICH IS AN INCREASE OF 64.43 C.F.S.

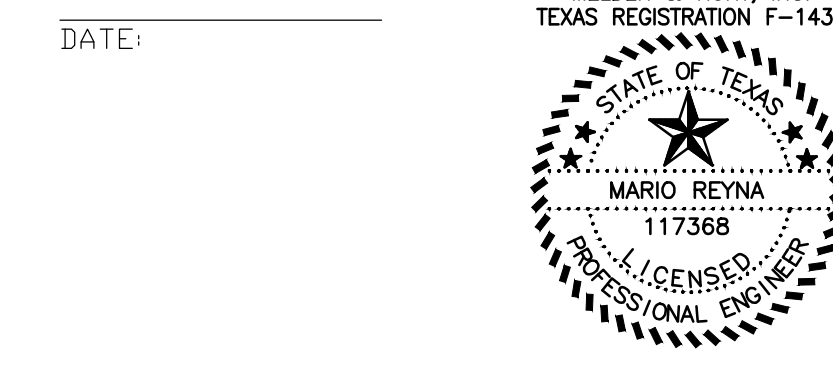
THE EXISTING DRAINAGE FOR RANCHO NUEVO ESTATES CONSISTS OF SURFACE RUNOFF FROM THE LOTS INTO THE PROPOSED STREETS. THE RUNOFF SHALL FLOW TO LOW POINTS DRAINING INTO PROPOSED TYPE "A" INLETS, WHICH WILL DRAIN EAST WITHIN THE PROPOSED STORM SEWER SYSTEM DISCHARGING INTO THE EXISTING HIDALGO & CAMERON COUNTY IRRIGATION DISTRICT #9 DITCH ALONG THE EAST SIDE OF THIS SUBDIVISION. THE EXISTING DITCH FLOWS EAST ALONG THE NORTH BOUNDARY OF THIS SUBDIVISION, THEN SOUTH ALONG THE EAST BOUNDARY LINE OF THIS SUBDIVISION, THEN WEST, ULTIMATELY DRAINING INTO THE I.B.W.C. FLOODWAY. PIPE SIZES WITHIN THIS SUBDIVISION WILL RANGE FROM 18" TO 36" STORM DRAIN LINE.

IN ACCORDANCE WITH THE HIDALGO COUNTY DRAINAGE POLICY, THE PEAK RATE OF RUNOFF IN THIS SUBDIVISION WILL NOT BE INCREASED DURING THE 10-YEAR RAINFALL EVENT DUE TO THE IMPROVEMENTS IN THIS SUBDIVISION. THEREFORE, AS PER ATTACHED CALCULATIONS, 210,690 CUBIC FEET OF DETENTION WILL BE PROVIDED WITHIN THE DEEPEN AND WIDENING OF THE HIDALGO & CAMERON COUNTY IRRIGATION DISTRICT #9 DITCH ALONG THE NORTH AND EAST SIDE OF THIS SUBDIVISION. A TOTAL OF 293,922 CUBIC FEET WILL BE EXCAVATED FROM HIDALGO COUNTY DRAINAGE DISTRICT NO. 1 WILL REVIEW CONSTRUCTION PLANS PRIOR TO CONSTRUCTION.

CERTIFICATION:

BY MY SIGNATURE BELOW, I CERTIFY THAT THE 100 YEAR FLOODPLAIN AS DESCRIBED IN COMMUNITY PANEL NUMBER 480334 0325 C, REVISED JUNE 6, 2000 IS CONTAINED WITHIN THE WIDENING OF THE HIDALGO & CAMERON COUNTY IRRIGATION DISTRICT #9 DITCH ALONG THE NORTH AND EAST BOUNDARY OF THIS SUBDIVISION.

MARIO A. REYNA, PE # 117368



LEGEND

- - INLET
- - RUNOFF ARROWS
- FG 64.5 - FINISH GRADE ELEVATION
- X 64.34 - EXISTING ELEVATION

