



HIDALGO COUNTY PLANNING DEPARTMENT

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

Raul E. Sesin, P.E., CFM
Planning Administrator

HIDALGO COUNTY COMMISSIONERS COURT MEETING

DATE: 12-16-2014

PROPOSED ORTIZ & RESENDEZ SUBDIVISION, PRECINCT No. 4.

ENGINEER: GARZA & GARZA CONSULTING ENGINEERS DEVELOPER: JAVIER ORTIZ & ORLANDO RESENDEZ

PRELIMINARY APPROVAL FINAL APPROVAL FINAL APPROVAL WITH FINANCIAL GUARANTEE WITH VARIANCE

NUMBER OF LOTS: 4 *SINGLE FAMILY *MULTI-FAMILY COMMERCIAL INSTITUTIONAL

LOCATION DESCRIPTION: North of Curve Road approximately 200 feet West of Cesar Chavez Road

SUBDIVISION LIES WITHIN THE: ETJ of Edinburg and was approved by the P & Z and City Commission of said City.

DRAINAGE REPORT WAS APPROVED BY HCDD#1: ON 04-14-14 PROPERTY LIES WITHIN FLOOD ZONE: "X" AS PER FEMA.

DRAINAGE DESIGN: Drainage will be detained within the depressed area of the large lots. Contractor will re-construct Curve roadside ditch to County specifications.

ROAD R.O.W. DEDICATION: 20 feet on Curve Road

H.C.R.O.W. FINAL APPROVED DATE: 11-19-14 : By, Joe Ochoa PCT 4 R.O.W. AGENT

H.C.H.D FINAL APPROVAL DATE: 09-19-14 by: Elizardo "Chardo" Ramos, Environmental Health Division Manager

SEWER SYSTEM: OSSF & SOIL ANALYSIS WERE CONDUCTED BY: Jose Angel Gonzalez

OSSF HAVE BEEN INSTALLED AND INSPECTED BY HCHD ON: 09-19-14

WATER SERVICE PROVIDER: N.A. W.S.C. LINE SIZE: 8" LOCATION: Curve Road

H.C.O.E.C. FINAL APPROVED DATE: 11-21-14 : By Martin Ramirez, Director of Office of Environmental Compliance

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.

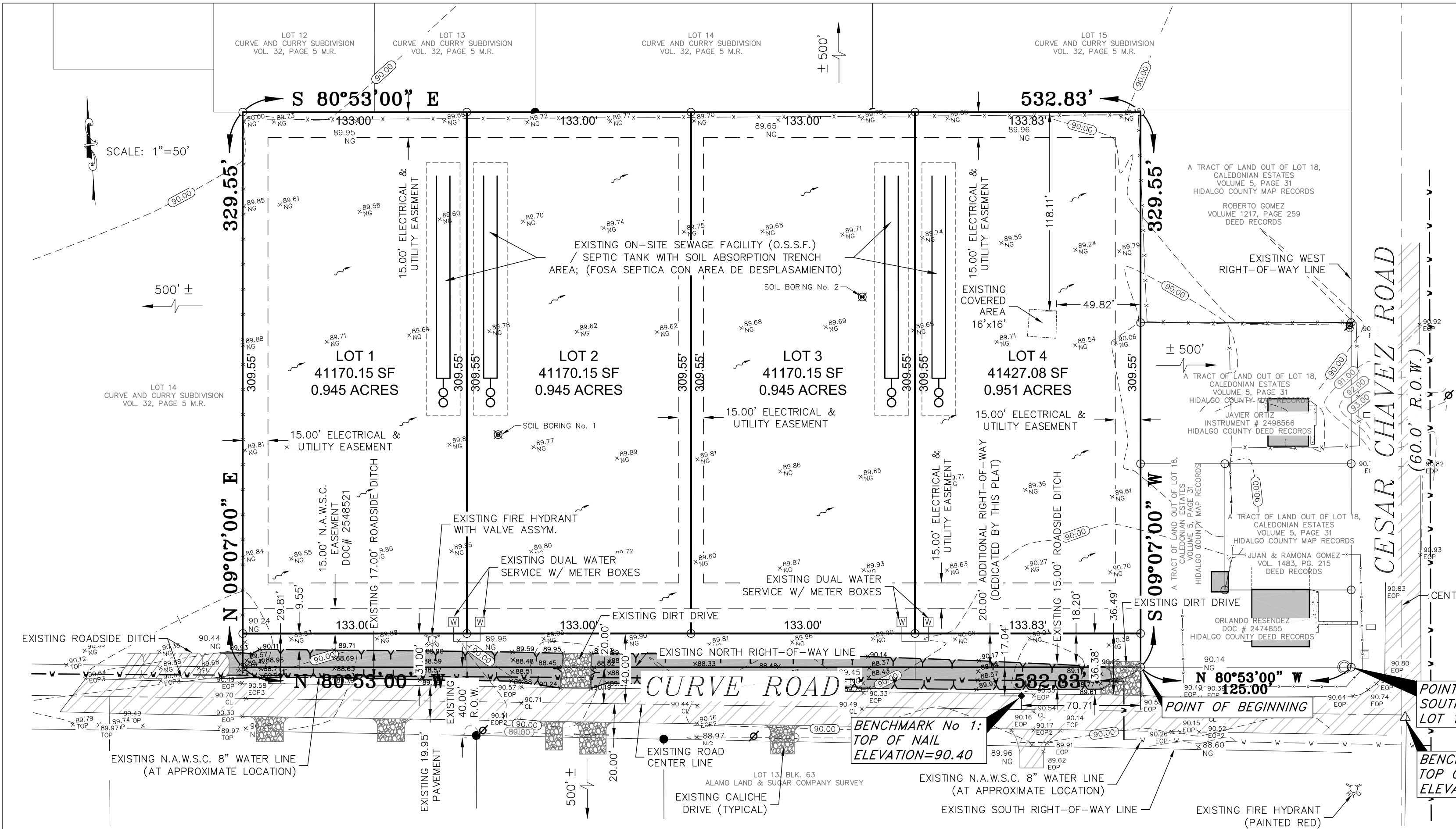
PRELIMINARY APPROVAL FROM THE
HIDALGO COUNTY COMMISSIONERS COURT ON: MAY 27, 2014

STAFF RECOMMENDS: **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.

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MAP OF WATER DISTRIBUTION, O.S.S., TOPOGRAPHY & DRAINAGE

- LEGEND**
- FOUND 1/2" IRON ROD
 - SET 1/2" IRON ROD
 - FOUND 60'-D NAIL
 - △ FOUND CPS
 - POWER POLE
 - TELEPHONE PEDESTAL
 - ELECTRICAL BOX
 - WATER METER
 - IRRIGATION STAND PIPE
 - FENCE
 - DRAINAGE NATURAL FLOW
- ELEVATIONS**
- NATURAL GROUND
 - EDGE OF PAVEMENT (TOP)
 - TOP OF ASPHALT

DRAINAGE STATEMENT
 REVISED OCTOBER 20, 2014
 PREPARED BY INEZ B. GARZA JR., P.E.
 ORTIZ & RESENEZ SUBDIVISION
 CITY OF EDINBURG E.T.J.
 HIDALGO COUNTY, TEXAS

ORTIZ & RESENEZ SUBDIVISION IS A (4) FOUR LOT SINGLE-FAMILY RESIDENTIAL SUBDIVISION CONSISTING OF A 4.03 ACRE (GROSS) TRACT OF LAND OUT OF LOT 18, CALEDONIAN ESTATES, HIDALGO COUNTY, TEXAS, AS PER MAP RECORDED IN VOLUME 5, PAGE 31, MAP RECORDS OF HIDALGO COUNTY, TEXAS.

THE SUBDIVISION IS IN ZONE "X", AREAS DETERMINED TO BE OUTSIDE THE 500-YEAR FLOOD AND PROTECTED BY LEVEES FROM 100-YEAR FLOOD, ACCORDING TO FEMA'S FLOOD INSURANCE RATE MAP COMMUNITY PANEL NO. 480334 0325 D, MAP REVISED JUNE 6, 2000. (REVISED TO REFLECT LOMR DATED MAY 17, 2001 CASE NO. 01-06-1095P)

ACCORDING TO THE SOIL SURVEY REPORT PREPARED FOR HIDALGO COUNTY BY THE U.S.D.A. SOIL CONSERVATION SERVICE, THE SITE CONSISTS OF HIDALGO SANDY CLAY LOAM (28) WITH 0 TO 1 % SLOPES. THIS SOIL IS WELL-DRAINED, SURFACE RUNOFF MODERATE, PERMEABILITY IS MODERATE TO HIGH, AND THE WATER CAPACITY IS HIGH.

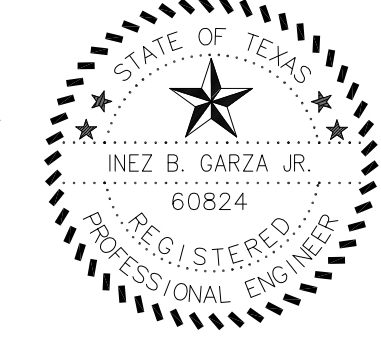
THERE IS NO ROADSIDE DITCH ON FRONT OF THIS PROPERTY ALONG CURVE ROAD. EXISTING RUNOFF SHEET FLOWS OVERLAND TO A ROADSIDE DITCH ALONG THE SOUTH SIDE OF CURVE ROAD AND THEN FLOWS IN A NORTHEASTERLY DIRECTION TO AN EXISTING HIDALGO COUNTY IRRIGATION DISTRICT NO. 1 DRAIN DITCH, APPROXIMATELY 1,500 FEET FROM THIS PROPERTY. STORM WATER IS THEN CONVEYED TO THE SOUTH MAIN DRAIN, MAIN FLOODWATER CHANNEL, AND TO A FINAL OUTFALL AT THE LAGUNA MADRE.

USING THE RATIONAL METHOD, WE HAVE DETERMINED THAT A 10-YEAR RAINFALL EVENT WILL GENERATE APPROXIMATELY 4.39 CFS OF STORM RUNOFF ON THIS PROPERTY. WE HAVE ALSO USED THE RATIONAL METHOD TO DETERMINE THAT THE IMPROVED SUBDIVISION WILL GENERATE AN ESTIMATED 6.78 CFS OF RUNOFF FOR THE SAME 10-YEAR RAINFALL EVENT.

IN ACCORDANCE WITH HIDALGO COUNTY'S AND CITY OF EDINBURG'S DRAINAGE REQUIREMENTS, WE HAVE CALCULATED THAT APPROXIMATELY 2,598 OF OR 0.06 AC.-FT OF STORM RUNOFF WILL NEED TO BE OBTAINED ON-SITE. THIS RUNOFF WILL BE OBTAINED WITHIN DEPRESSED / GREEN AREAS OF PROPOSED LARGE LOTS. ALSO, A ROADSIDE DITCH ALONG THE FRONT OF THIS PROPERTY WILL BE EXCAVATED TO CONNECT TO EXISTING ROADSIDE DITCH WEST OF THIS PROPERTY. OVERFLOW WILL BE RELEASED TO FOLLOW THE NATURAL DRAINAGE PATTERNS OF THE AREA. A DRAINAGE PLAN TO BE APPROVED BY THE CITY OF EDINBURG AND/OR BY HIDALGO COUNTY PLANNING DEPARTMENT BEFORE ISSUANCE OF A BUILDING PERMIT FOR EACH LOT.

BY MY SIGNATURE BELOW, I CERTIFY THAT THIS SUBDIVISION LIES IN FLOOD ZONE "X", AREAS DETERMINED TO BE OUTSIDE THE 500-YEAR FLOOD AND PROTECTED BY LEVEES FROM 100-YEAR FLOOD. COMMUNITY-PANEL NO. 480334 0325 D, MAP REVISED JUNE 6, 2000 (REVISED TO REFLECT LOMR DATED MAY 17, 2001 CASE NO. 01-06-1095P).

INEZ B. GARZA JR., P.E.
 REG. PROFESSIONAL ENGINEER NO. 60824



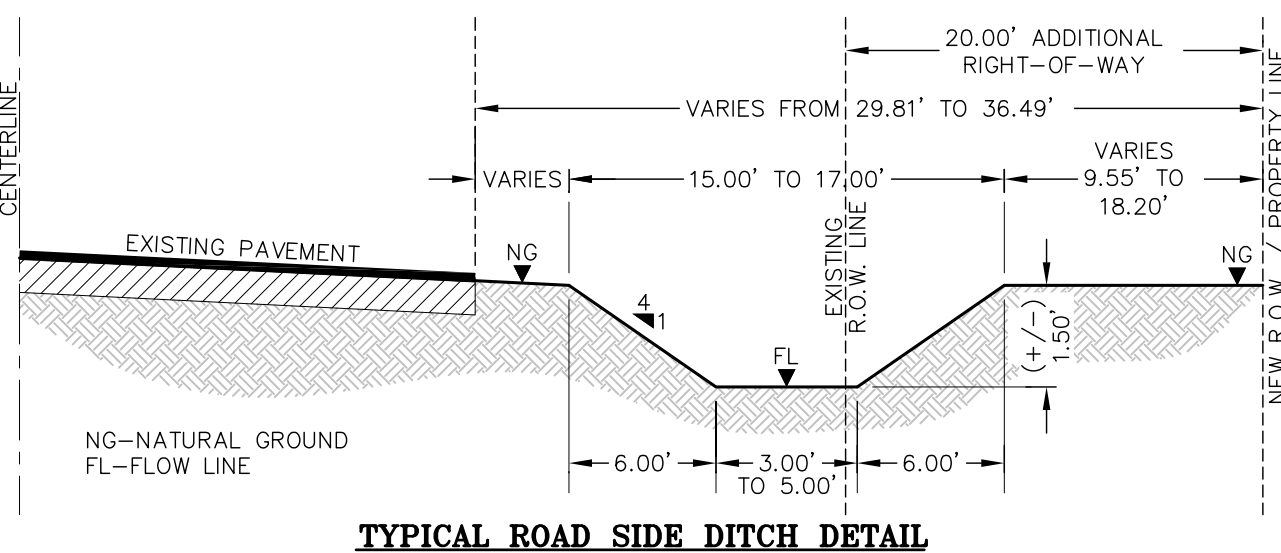
JAVIER ORTIZ
 7419 ELM STREET
 HOUSTON, TX 77023

ORLANDO RESENEZ
 1521 AMERICA STREET
 EDINBURG, TX 78542

BEFORE ME, THE UNDERSIGNED NOTARY PUBLIC, ON THIS DAY PERSONALLY APPEARED JAVIER ORTIZ AND ORLANDO RESENEZ, WHOSE NAMES ARE SUBSCRIBED TO THE FOREGOING INSTRUMENT, WHO, BEING BY ME FIRST DULY SWORN, DECLARED THAT THE STATEMENTS THEREIN ARE TRUE AND CORRECT AND ACKNOWLEDGED THAT THEY EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATION THEREBY EXPRESSED.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS _____ DAY OF _____, 2014.

NOTARY PUBLIC MY COMMISSION EXPIRES _____



TYPICAL ROAD SIDE DITCH DETAIL

FILED RECORDED IN
 HIDALGO COUNTY
 ARTURO GUJARDO, JR.
 HIDALGO COUNTY CLERK

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

FINAL ENGINEERING REPORT FOR ORTIZ & RESENEZ SUBDIVISION
 WATER SUPPLY: DESCRIPTION, COSTS, AND OPERABILITY DATE

ORTIZ & RESENEZ SUBDIVISION WILL BE PROVIDED WITH POTABLE WATER BY NORTH ALAMO WATER SUPPLY CORPORATION ("NAWSC"). THE SUBDIVIDER, AND NAWSC HAVE ENTERED INTO A CONTRACT IN WHICH NAWSC HAS PROMISED TO RESERVE A WATER METER FOR EACH OF THESE LOTS AND TO PROVIDE SUFFICIENT WATER TO THIS SUBDIVISION FOR AT LEAST 30 YEARS AND NAWSC HAS PROVIDED DOCUMENTATION TO SUFFICIENTLY ESTABLISH THE LONG TERM QUANTITY AND QUALITY OF THE AVAILABLE WATER SUPPLIES TO SERVE THE FULL DEVELOPMENT OF ORTIZ & RESENEZ SUBDIVISION. N.A.W.S.C. HAS AN EXISTING 8" (INCH) WATER LINE ON THE NORTH SIDE OF CURVE ROAD. THE LOTS WILL BE SERVED BY (2) 1" (INCH) DIAMETER DUAL SERVICE LINES, THEN SPLITTING INTO A 1/2" (INCH) DIAMETER SINGLE SERVICE LINE GOING INTO THE METER BOX, TOTALING (4) METERS. IN ADDITION, A FIRE HYDRANT HAS BEEN INSTALLED ALONG THE NORTH SIDE OF CURVE ROAD IN THE AREA BETWEEN LOTS 1 AND 2. THE SUBDIVIDER HAS PAID A TOTAL OF \$ 6,500.00 OR \$ 1,625.00 PER LOT FOR THE CONSTRUCTION OF THE FOREMENTIONED WATER DISTRIBUTION SYSTEM, WHICH IT HAS BEEN INSTALLED. IN ADDITION, THE SUBDIVIDER HAS PAID "N.A.W.S.C." A TOTAL OF \$ 5,000.00 OR \$ 1,250.00 PER LOT. AS STATED IN THE 30 YEAR WATER SERVICE AGREEMENT, WHICH COVERS THE COSTS OF WATER RIGHTS, WATER METERS, METER BOXES, WATER SUPPLY FEES, AND ALL OTHER FEES ASSOCIATED WITH WATER SUPPLY. 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.

SEWER FACILITIES: DESCRIPTION, COSTS, AND OPERABILITY DATE

SEWAGE FOR ORTIZ & RESENEZ SUBDIVISION WILL BE TREATED BY INDIVIDUAL ON-SITE SEWAGE FACILITY ("OSSF") CONSISTING OF STANDARD DESIGN DUAL COMPARTMENT SEPTIC TANKS AND DRAIN FIELDS ON THIS LOT. THE UNDERSIGNED PROFESSIONAL ENGINEER HAS EVALUATED THE SUITABILITY OF THE SUBDIVISION SITE FOR OSSF AND SUBMITTED A REPORT CONCLUDING THAT THE SITE IS SUITABLE FOR OSSF. THE REPORT WAS REVIEWED AND APPROVED BY THE HIDALGO COUNTY HEALTH DEPARTMENT. THIS LOT HAS ADEQUATE AREA FOR A REPLACEMENT DRAINFIELD.

THE SEPTIC TANK SYSTEMS FOR ALL LOTS HAVE BEEN INSTALLED AS OF THE TIME OF APPLICATION FOR FINAL PLAT APPROVAL. THE SUBDIVIDER HAS PAID A TOTAL OF \$ 5,000.00 OR \$ 1,250.00 PER LOT FOR THE SEPTIC TANK SYSTEM. THE PRICE IS INCLUDING THE COSTS FOR THE REQUIRED PERMITS AND LICENSES. THE SUBDIVIDER WILL INCLUDE THE COST OF A SEPTIC TANK SYSTEM IN THE SALE 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 SUBDIVISION RULES ADOPTED UNDER SECTION 16.343, WATER CODE.

I CERTIFY THAT THE ACTUAL COSTS FOR THE INSTALLED WATER AND ON-SITE SEWAGE FACILITIES, DISCUSSED ABOVE, ARE AS FOLLOWS:

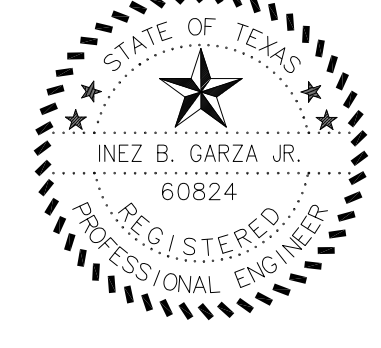
WATER FACILITY: THESE FACILITIES ARE FULLY CONSTRUCTED, INCLUDING WATER METERS AND WATER METER BOXES. THE TOTAL COST FOR THIS WATER SYSTEM INCLUDING ALL N.A.W.S.C. FEES WAS \$ 12,100.00, FOR THE ENTIRE SUBDIVISION, WHICH EQUALS TO \$ 3,025.00 PER LOT.

SEWAGE FACILITIES: SEPTIC TANK SYSTEM ARE FULLY CONSTRUCTED AND THE TOTAL COST WAS \$ 5,000.00 FOR THE ENTIRE SUBDIVISION, WHICH EQUALS TO \$ 1,250.00 PER LOT (ALL INCLUSIVE).

INEZ B. GARZA JR., P.E.
 REG. PROFESSIONAL ENGINEER NO. 60824

COST OF IMPROVEMENTS

ROADSIDE DITCH CONSTRUCTION	\$ 1,000.00
WATER SERVICE INSTALLATION W/FEES	\$ 7,100.00
FIRE HYDRANT	\$ 5,000.00
SEPTIC TANK SYSTEM	\$ 5,000.00
TOTAL	\$ 18,100.00



REPORTE FINAL DE INGENIERIA PARA LA SUBDIVISION "ORTIZ & RESENEZ SUBDIVISION"
 PROVISION DE AGUA: DESCRIPCION, GASTOS Y FECHA DE INICIO

LA SUBDIVISION "ORTIZ & RESENEZ SUBDIVISION" RECIBIRA SU PROVISION DE AGUA DE "NORTH ALAMO WATER SUPPLY CORPORATION" (LA COMPANIA DE AGUA NAWSC) ("NAWSC"). EL DUEÑO DE LA SUBDIVISION Y LA COMPANIA NAWSC HAN FIRMADO UN CONTRATO DONDE NAWSC HA PROMETIDO A RESERVAR UN MEDIDOR DE AGUA PARA CADA SOLAR, POR EL CUAL LA SUBDIVISION SU PROVISION DE AGUA POR LOS PROXIMOS 30 AÑOS. NAWSC HA PRESENTADO DOCUMENTACION DEMONSTRANDO A LARGO PLAZO LA CANTIDAD Y CALIDAD DE AGUA ACCESIBLE PARA SERVIR EN EL FUTURO A ESTE DESARROLLO DE ORTIZ & RESENEZ SUBDIVISION. N.A.W.S.C. TIENE UNA LINEA DE AGUA DE 8" (PULGADAS) DE DIAMETRO EN EL LADO NORTE DE LA CALLE "CURVE". LOS SOLARES SERAN SERVIDOS POR (2) SERVICIOS DOBLES DE 1" (PULGADA) DE DIAMETRO QUE SE SEPARAN A SERVICIOS SINGULARES DE 1/2" (PULGADA) DE DIAMETRO CONECTANDO A LA CAJA DEL MEDIDOR. CON UN TOTAL DE 4 MEDIDORES. SE A INSTALADO UNA TOMA DE FUEGO EN EL LADO NORTE DE LA CALLE "CURVE" EN EL AREA DEL MEDIO DE LOS SOLARES 1 Y 2. EL SUBDIVIDOR A PAGADO UNA CANTIDAD TOTAL DE \$6,500.00 O \$1,625.00 POR SOLAR, PARA LA CONSTRUCCION DE TODO EL SISTEMA DE AGUA YA MENCIONADO. EL SERVICIO DE AGUA CON LAS CAJAS DE MEDIDOR YA HAN SIDO INSTALADAS. EL SUBDIVIDOR TAMBIEN HA PAGADO \$5,000.00 O \$1,250.00 POR SOLAR, COMO LO INDICA EL CONTRATO DE GARANTIA DE SERVICIO DE AGUA POR 30 AÑOS DE NAWSC, QUE INCLUYE LOS COSTOS DE MEDIDORES DE AGUA, LOS MEDIDORES DE AGUA, LAS CAJAS PARA LOS MEDIDORES, CUOTAS DE SERVICIO DE AGUA, Y CUALQUIER OTRO TIPO DE CUOTAS RELACIONADAS CON EL SERVICIO DE AGUA. TODO EL SISTEMA DE SERVICIO DE AGUA HA SIDO APROBADO Y ACEPTADO POR "NAWSC" Y TAMBIEN, EL SISTEMA DE DISTRIBUCION DE AGUA ESTA FUNCIONANDO DESDE LA FECHA QUE ESTE MAPA O "PLAT" FUE REGISTRADO.

DRENAJE: DESCRIPCION, GASTOS Y FECHA DE INICIO

EL SISTEMA DE DRENAJE PARA ORTIZ & RESENEZ SUBDIVISION ES DE FOSAS SEPTICAS EN CADA SOLAR. CADA SISTEMA DE FOSA SEPTICA CONSISTE DE UN TANQUE SEPTICO DE MODELO DUAL Y DE UN CAMPO DE DRENAJE PARA ESTE SOLAR. EL INGENIERO 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 ESTAS FOSAS SEPTICAS ("OSSF"). EL REPORTE FUE APROBADO POR EL DEPARTAMENTO DE SALUBRIDAD DEL CONDADO DE HIDALGO (HIDALGO COUNTY HEALTH DEPARTMENT) SEGUN EL REPORTE ESTE SOLAR TIENE SUFICIENTE AREA PARA REPLACAMIENTO DEL CAMPO DE DRENAJE.

EL SISTEMA SEPTICO PARA TODOS LOS SOLARES HAN SIDO INSTALADOS ANTES DEL TIEMPO DE APLICACION PARA APROVISION FINAL DEL "PLAT". EL SUBDIVIDOR A PAGADO UNA CANTIDAD TOTAL DE \$ 5,000.00 O \$ 1,250.00 POR CADA SOLAR PARA LA INSTALACION DEL SISTEMA SEPTICO. ESTE PRECIO YA INCLUYE LOS PERMISOS REQUERIDOS Y LICENCIAS. EL SUBDIVIDOR INCLUIRA EL COSTO DEL SISTEMA DE FOSA SEPTICA EN EL PRECIO DE VENTA DEL SOLAR.

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 DE INSTALACION DE LOS SISTEMAS DE AGUA Y DE DRENAJE FUERON:

AGUA: EL SISTEMA/SERVICIO DE AGUA FUE INSTALADO Y COMPLETAMENTE CONSTRUIDO, INCLUYENDO LA INSTALACION DEL MEDIDOR DE AGUA CON CAJA. EL COSTO PARA ESTE SISTEMA INCLUYENDO TODAS LAS CUOTAS DE N.A.W.S.C. FUE UN TOTAL DE \$ 12,100.00 PARA TODA LA SUBDIVISION, QUE ES IGUAL HA \$ 3,025.00 POR SOLAR.

DRENAJE: LOS SISTEMAS DE LAS FOSAS SEPTICAS TAMBIEN HAN SIDO INSTALADAS Y COMPLETAMENTE CONSTRUIDAS CON UN TOTAL DE \$ 5,000.00 PARA TODA LA SUBDIVISION, QUE ES IGUAL A \$ 1,250.00 POR SOLAR (TODO INCLUIDO).

INEZ B. GARZA JR., P.E.
 REG. PROFESSIONAL ENGINEER NO. 60824

SOIL EVALUATION REPORT INFORMATION

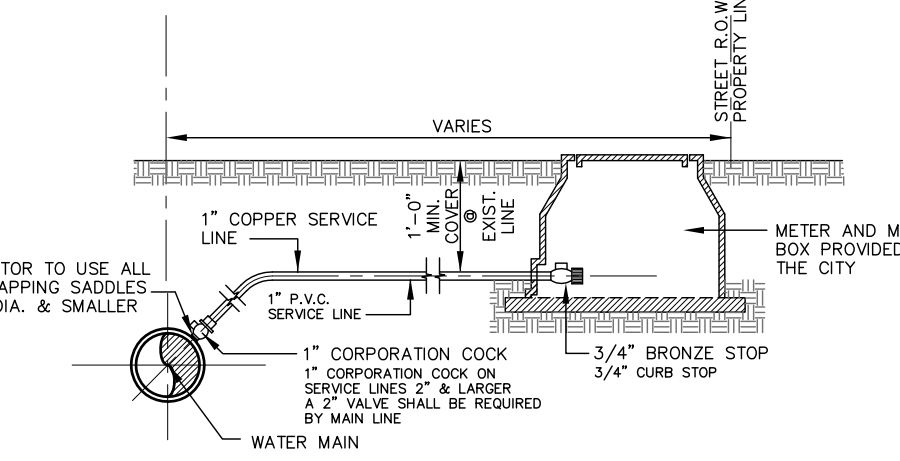
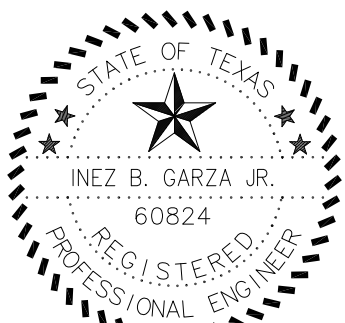
SOL BORING NUMBER: 1

DEPTH (FEET)	TEXTURE CLASS	SOIL TEXTURE	STRUCTURE (TOP CLASS III BLOCKS, PLATY OR MASSIVE)	DRAINAGE (MOTTLES/ WATER TABLE)	RESTRICTIVE HORIZON	OBSERVATIONS
1	III	CLAY LOAM	N/A	NONE	NONE	SOIL SUITABLE FOR O.S.S.F.
2	III	CLAY LOAM	N/A	NONE	NONE	SOIL SUITABLE FOR O.S.S.F.
3	III	CLAY LOAM	N/A	NONE	NONE	SOIL SUITABLE FOR O.S.S.F.
4	III	CLAY LOAM	N/A	NONE	NONE	SOIL SUITABLE FOR O.S.S.F.
5	III	CLAY LOAM	N/A	NONE	NONE	SOIL SUITABLE FOR O.S.S.F.

SOIL EVALUATION REPORT INFORMATION

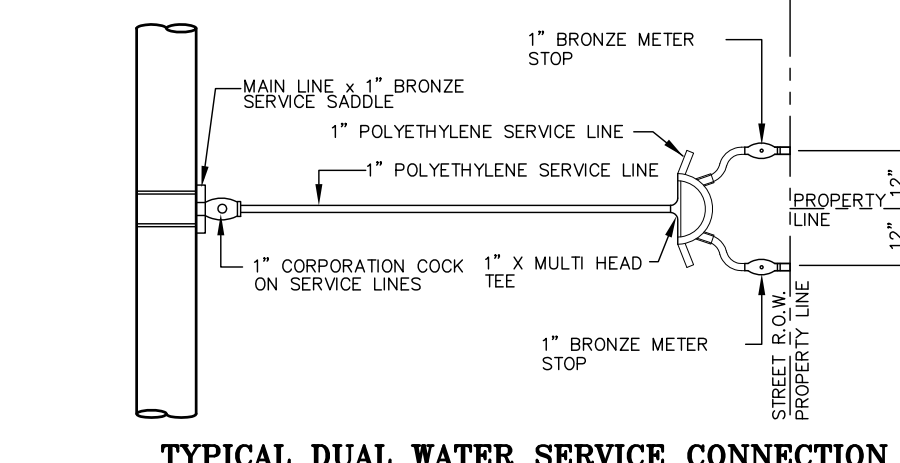
SOL BORING NUMBER: 2

DEPTH (FEET)	TEXTURE CLASS	SOIL TEXTURE	STRUCTURE (TOP CLASS III BLOCKS, PLATY OR MASSIVE)	DRAINAGE (MOTTLES/ WATER TABLE)	RESTRICTIVE HORIZON	OBSERVATIONS
1	III	CLAY LOAM	N/A	NONE	NONE	SOIL SUITABLE FOR O.S.S.F.
2	III	CLAY LOAM	N/A	NONE	NONE	SOIL SUITABLE FOR O.S.S.F.
3	III	CLAY LOAM	N/A	NONE	NONE	SOIL SUITABLE FOR O.S.S.F.
4	III	CLAY LOAM	N/A	NONE	NONE	SOIL SUITABLE FOR O.S.S.F.
5	III	CLAY LOAM	N/A	NONE	NONE	SOIL SUITABLE FOR O.S.S.F.



- GENERAL NOTES:**
- DRAWINGS INDICATE COPPER SERVICE LINES.
 - FOR P.V.C. SERVICE LINES REFER TO SMALLER TYPE NOTES.
 - ALL COMPRESSION OR PACK TYPE FITTINGS & JOINTS REQUIRE STAINLESS STEEL INSERTS OF REQUIRED SIZE.
 - WATER SERVICE CONNECTIONS CROSSING A STREET SHALL BE ENCASED IN A 2" P.V.C. SLOTTED CASING. LENGTH OF CASING SHALL BE WIDTH OF STREET PLUS 10.0 FEET.

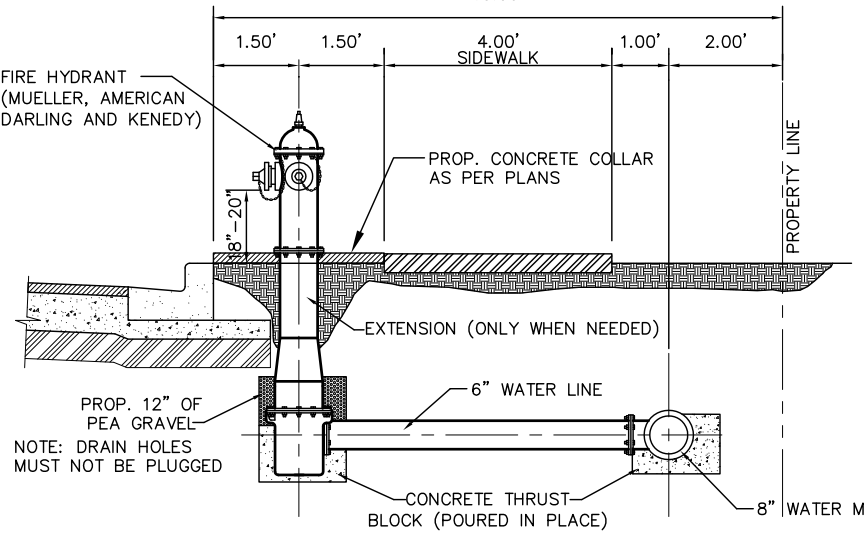
TYPICAL WATER SERVICE CONNECTIONS



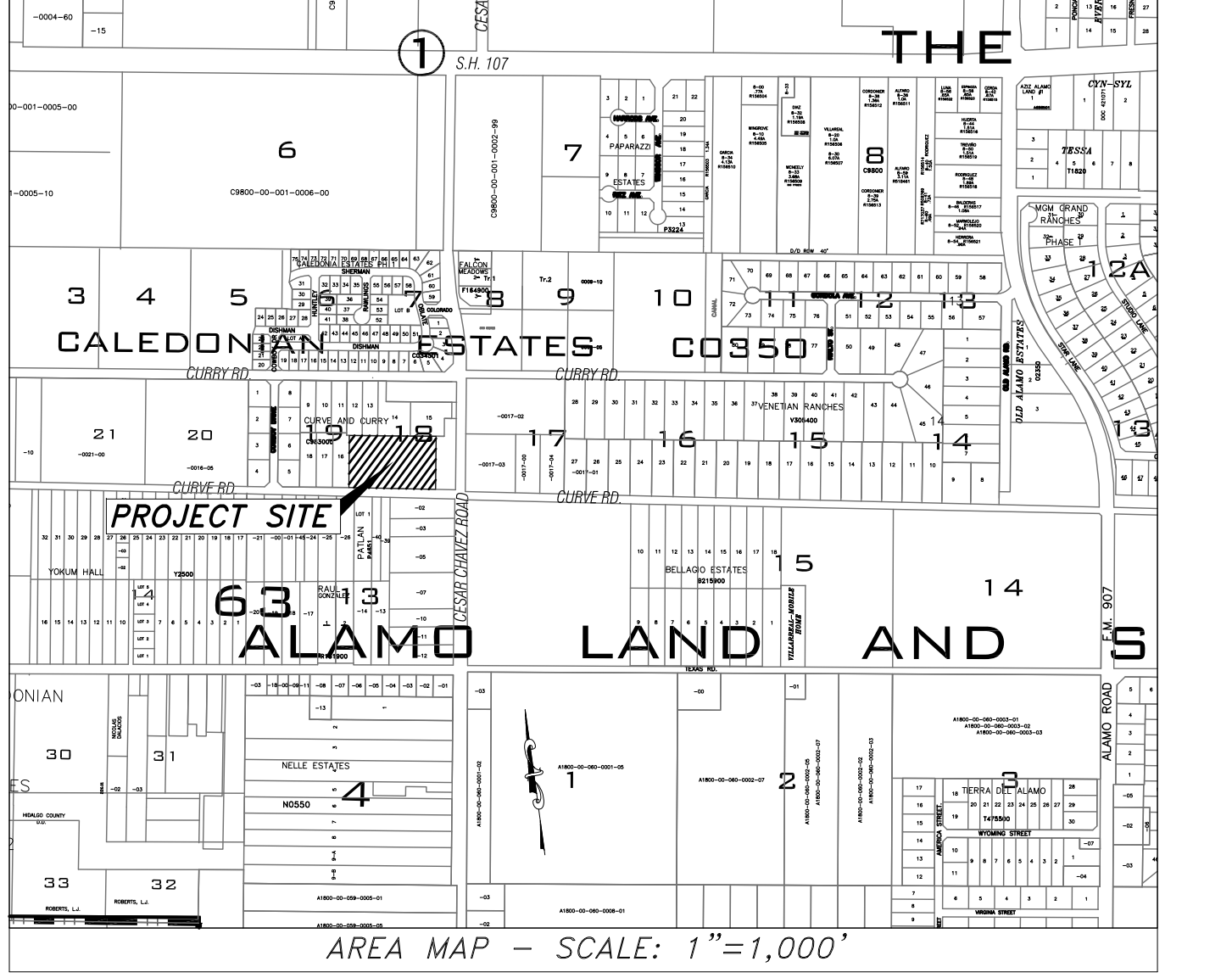
TYPICAL DUAL WATER SERVICE CONNECTION

INDEX OF SHEETS

SHEET	DESCRIPTION
SHEET 1	PLAT WITH LOT, EXISTING STREETS, EXISTING R.O.W.; AREA MAP; DESCRIPTION OF LOCATION OF SUBDIVISION WITH REFERENCE TO THE E.T.J. OF A MUNICIPALITY AND DESIGNATE THE PRECINCT THE PROJECT IS SITUATED; PRINCIPAL CONTACTS; HEADING; LEGAL DESCRIPTION (NETS AND BOUNDS); PLAT NOTES AND RESTRICTIONS; OWNERS' ACKNOWLEDGMENT; N.A.W.S.C. EASEMENT; AND THE FOLLOWING CERTIFICATES: PUBLIC NOTARY, COUNTY PLAT APPROVAL, H.C.D.D. No. 1, HIDALGO COUNTY IRRIGATION DISTRICT No. 1, SURVEYOR'S, ENGINEER'S, H.C.D.D. No. 1, AND CITY OF EDINBURG STAFF.
SHEET 2	UTILITY LAYOUT: WATER AND SANITARY SEWER SYSTEMS; DRAINAGE LAYOUT; DRAINAGE REPORT; ENGINEER'S CERTIFICATION



TYPICAL FIRE HYDRANT DETAIL



PRELIMINARY UTILITY, TOPOGRAPHY, & DRAINAGE PLAN FOR SUBDIVISION OF ORTIZ & RESENEZ

A 4.03 ACRE TRACT OF LAND OUT OF LOT 18, CALEDONIAN ESTATES, HIDALGO COUNTY, TEXAS, AS PER MAP RECORDED IN VOLUME 5, PAGE 31, MAP RECORDS OF HIDALGO COUNTY, TEXAS.



RIO DELTA SURVEYING
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 EMAIL: MARIO@RIODELTASURVEYING.COM
 TBPFS FIRM # 10013900

DATE OF PREPARATION: OCTOBER 20, 2014

GARZA-GARZA CONSULTING ENGINEERS
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 CELL: (956) 451-4729