GARZA & HERNANDEZ ENGINEERING

2026

MUNICIPAL

EXPERIENCE RECORD

Civil engineering capabilities and project experience for municipal and public-sector review

PRINCIPAL-LED ENGINEERING. COORDINATED DELIVERY.

Edinburg + McAllen • www.garzahernandez.com

STATEMENT OF INTEREST

A Municipal Partner Built on Direct Involvement

PRINCIPAL-LED BY DESIGN

Licensed decisions stay close to the work.

Garza & Hernandez Engineering was established March 3, 2023 and is led by two Texas-licensed principals who remain personally involved in every assignment. G&H supports municipalities, counties, drainage districts, utility providers, and institutions with civil engineering that connects design decisions to constructible, permittable, and maintainable results.

CORE VISION

Treat every project as if it were our own.

QUALITY • INTEGRITY • PEOPLE
COLLABORATION • CONSTANT LEARNING

EDINBURG + McALLEN

F-24690 FIRM REGISTRATION	**2** TEXAS OFFICES
2 LICENSED P.E. PRINCIPALS	**8** DIRECT PROJECTS

WHAT A MUNICIPAL CLIENT CAN EXPECT

01 Direct Principal Involvement

Jacob Garza, P.E. and Rogelio Hernandez, P.E. remain personally involved in technical decisions, review, and issuance.

02 South Texas Regional Context

Working familiarity with Rio Grande Valley agencies, drainage districts, and development conditions relevant to municipal review.

03 Design Connected to Delivery

Constructability, phasing, and cost awareness are built into design decisions and supported by field-informed staff.

Civil engineering shaped for constructible, permittable, and maintainable results.

MUNICIPAL CAPABILITIES & DELIVERY

Support From Early Site Questions Through Construction

A concise service structure connects municipal review, civil design, agency coordination, and construction-phase support.

01	**Water & Wastewater**	Distribution, gravity sewer, forcemain, lift stations, capacity and service-area evaluation. **Moras de Mayo · Camino Real · Tres Lagos**
02	**Drainage & Stormwater**	H&H analysis, detention, storm sewer, floodplain evaluation, SWPPP and erosion control. **Lull Hills · Tres Lagos Phase 2**
03	**Streets & Site Civil**	Subdivision infrastructure, grading, paving, platting, access, and ADA-related civil coordination. **Cardinal Landing · Hand Village · HJR**
04	**Development Review**	Feasibility evaluation, plan-review support, and coordination with municipal and county staff. **Direct subdivision assignments**
05	**Permitting & Agency**	Municipal, county, drainage-district, and utility coordination as applicable to the assignment. **Tres Lagos · Boca Chica**
06	**Construction-Phase**	Constructability review, submittals, RFIs, change orders, field coordination, and QA/QC. **STC Admin A · STC Pecan West**

HOW WE DELIVER

A five-step path from scope to support.

1. **Confirm scope & constraints**
2. **Assign leadership & agency interfaces**
3. **Develop calculations & documents**
4. **Review completeness & constructability**
5. **Issue & support construction delivery**

DELIVERY & QA/QC

Rogelio Hernandez, P.E.

Leads day-to-day coordination, constructability, and construction-phase review.

Jacob Garza, P.E.

Verifies the engineering basis, regulatory compliance, and final issuance of signed and sealed deliverables.

ORGANIZATION & PROJECT DELIVERY

A Principal-Led Team Built for Coordinated Delivery

Licensed decisions remain with the principals; coordination, production, field review, and business operations move through one connected team.

LICENSED LEADERSHIP



Jacob Garza, P.E.

Principal Engineer
10+ years

Responsible charge · technical authority · final QA/QC

Texas P.E. 146645
AR 22788 · CO 66210 · KS PE30672 · OK 35050
OSSF Installer II · Site Evaluator



Rogelio Hernandez, P.E.

Director of Development
10+ years

Project delivery · constructability · construction administration

Texas P.E. 149521
OSHA 30 Construction Safety & Health
Texas MUTCD Certification

PROJECT & FIELD COORDINATION



Jacobo Garza

Construction Methods & Inspection
35+ years



Alfonso Guzman

Assistant Project Manager
4+ years

ENGINEERING SUPPORT



Thomas Gomez

Engineer Designer
2+ years



Arleth Canto

Graduate Engineer



Sofia Siercke

Engineering Technician · ACI Grade I

BUSINESS OPERATIONS



Edgar Perezgomez

Digital Marketing Specialist
7+ years



Mayra Reyes

Administrative Assistant
1+ year



Maribel Guardado

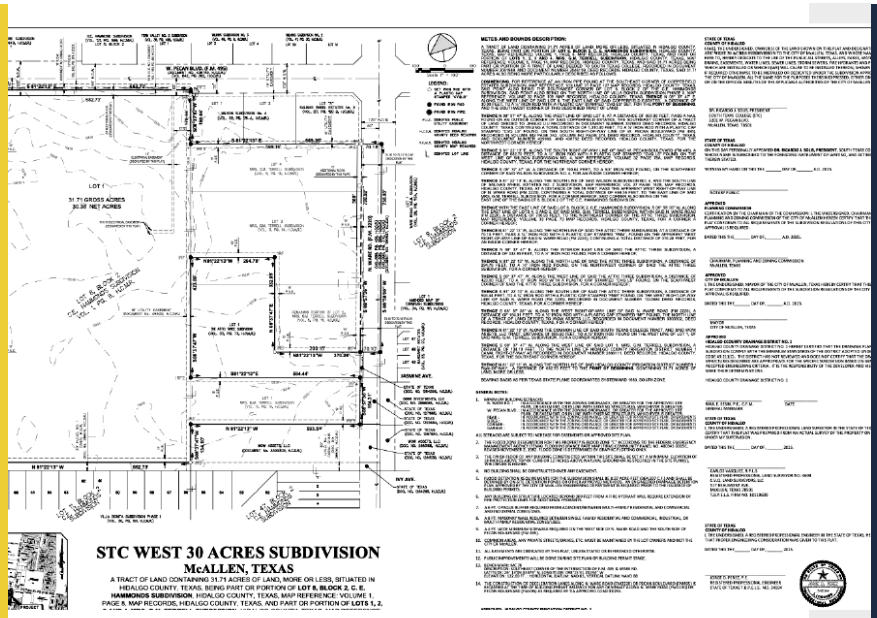
Accounting & Records
25+ years

Professional engineering work is performed under the responsible charge of Jacob Garza, P.E.

DIRECT G&H PROJECT EXPERIENCE

Institutional Work Delivered Directly by G&H

Two active-campus assignments demonstrate traffic-control planning, site coordination, constructability, and construction-phase support.



DIRECT G&H EXPERIENCE

STC Pecan West

Parking and Site Improvements Traffic Control Plan

435,600 SF

APPROXIMATE PROJECT AREA

≈ $2.6M

OVERALL CONSTRUCTION VALUE

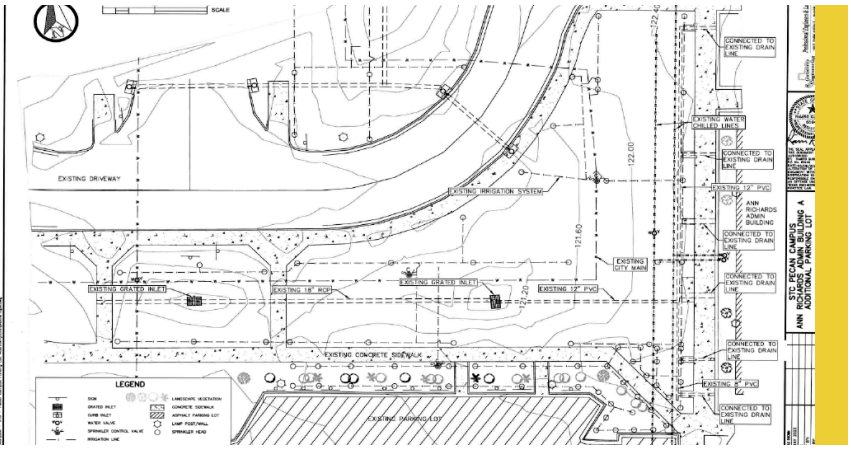
EOR: Rogelio Hernandez, P.E.
McAllen, Texas · South Texas College

STC Administration Building A

Additional Parking Lot

≈ 7,000 SF · ≈ $300K

Construction administration, submittal review, and change-order support on an active campus.



SELECTED DIRECT PORTFOLIO

Cardinal Landing • Hand Village • Lull Hills Phase 1

Moras de Mayo • Tierra de Matreros • HJR Subdivision

Values shown are approximate overall construction values, not G&H engineering fees.

WATER, WASTEWATER & INSTITUTIONAL EXPERIENCE

Municipal Utility Experience Behind the Firm's Leadership

Selected assignments demonstrate planning and delivery across local distribution, collection, conveyance, storage, pumping, and regional transmission systems.

INDIVIDUAL PRIOR EXPERIENCE • Performed by the named principal while employed by the organization identified. G&H did not hold these contracts.



ROGELIO HERNANDEZ, P.E. • RHODES DEVELOPMENT

Tres Lagos Sanitary Sewer System Master Plan

≈ 5 MI **≈ 180 AC**

≈ $30M PROGRAM VALUE

Gravity sewer master planning, phased capacity, and long-term system coordination in McAllen, Texas.

ADDITIONAL UTILITY EXPERIENCE

Camino Real Infrastructure

Rogelio · Rhodes Development

Water distribution, looping, and fire-flow coordination · ≈ 60 ac

Sendero Sewer Infrastructure

Rogelio · Rhodes Development

Capacity, phasing, and easements · ≈ 130 ac · ≈ $20M program

Friendswood Clear Creek Crossing

Jacob · Garver

Ground storage tank, pump station, and SCADA coordination · ≈ $5M

Bryan County RWD No. 2

Jacob · Garver

Regional transmission main and trenchless crossings · ≈ 7 mi · ≈ $50M program

SH 138 Waterline Replacement

Jacob · CobbFendley

24-inch main replacing a 12-inch line · ≈ 3 mi

Lawton Map 8 & Map 44

Jacob · Garver

Two municipal waterline-renewal assignments · ≈ $1M each

Lawton Westwin Lift Station

Jacob · Garver

Municipal lift station and wastewater conveyance · ≈ $1.2M

Boca Chica Waterline & Dual Forcemain

Jacob · CobbFendley

Water distribution and dual sanitary forcemain · ≈ 2 mi

Values shown are approximate overall program or construction values and do not represent G&H engineering fees.

DRAINAGE, ROADWAY & MUNICIPAL COORDINATION

Regional Drainage and Roadway Leadership

Individual experience completed before G&H adds large-scale drainage review, roadway delivery, and interagency coordination to the firm's current capabilities.



INDIVIDUAL PRIOR EXPERIENCE

Tres Lagos Phase 2 Master Drainage Improvements

≈ 1,300 AC

3 PONDS • 620+ AC-FT • ≈ $5M

Rogelio Hernandez, P.E.
Owner's Representative & Technical Reviewer
Employer: Rhodes Development
EOR: Jose L. Reyes, P.E. · Maestas & Associates



Toro Grande North & South

≈ 7,977 LF • ≈ $40M

Jacob Garza, P.E. · Project Manager & Engineering Lead
Employer: CobbFendley · EOR: Alfonso Casio, P.E.



South Street Drainage Improvements

ROADWAY RECONSTRUCTION + DRAINAGE

Jacob Garza, P.E. · Drainage Lead
Employer: CobbFendley · EOR: Alfonso Casio, P.E.
Reviewed and corrected inherited drainage calculations.

BROADER AGENCY COORDINATION

McAllen · Alton · Cedar Park · Leander · Georgetown · Friendswood · Lawton
South Texas College · HCDD No. 1 · TCEQ · FEMA-related review

Prior-experience entries are not represented as G&H contracts or client relationships.

CAPABILITY INDEX & CONTACT

Find the Experience You Need

Direct G&H work and the individual prior experience of its principals are separated for quick municipal review.

CAPABILITY	DIRECT G&H	INDIVIDUAL PRIOR EXPERIENCE	LEAD
Water & Wastewater	Moras de Mayo Lull Hills Ph. 1	Camino Real · Tres Lagos Sewer · Sendero · Friendswood · Bryan Co. RWD2 · SH 138 · Lawton	**Both**
Drainage & Stormwater	Cardinal Landing · Hand Village Moras de Mayo · Lull Hills	Tres Lagos Phase 2 Drainage	**Both**
Streets, Site Civil & Traffic	STC Pecan West TCP Subdivision paving/access	Toro Grande · South Street	**Both**
Institutional Delivery	STC Admin Building A STC Pecan West	—	**Rogelio**
Permitting & Agency	All direct projects Municipal/county review	Drainage district · TCEQ · FEMA-related coordination	**Both**
Construction-Phase Support	STC Admin A · STC Pecan West Direct-portfolio field support	Owner-representative and technical-review roles	**Both**

A prior-experience entry demonstrates the named principal's individual professional experience; it is not represented as a G&H contract, project, or client relationship.

LET'S START THE CONVERSATION

Discuss upcoming capital improvements, on-call engineering needs, development review support, vendor registration, or future procurement opportunities.

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