

HIDALGO COUNTY
Professional Engineering Services
Contract # C-12-277-12-28
Work Authorization Form

WORK AUTHORIZATION NO. 1

THIS WORK AUTHORIZATION is made pursuant to the terms and conditions of Section I.A. of the Agreement made by and between **HIDALGO COUNTY**, action herein by and through the **Commissioner's Court**, hereinafter called the "**Owner**," and, **JAVIER HINOJOSA ENGINEERING** professional engineers of **MCALLEN**, Texas, hereinafter called "**Engineer**".

PART 1. SCOPE OF WORK

The purpose of this Work Authorization is for the **Engineer** to provide **Engineering services required for the preparation of construction plans for the paving improvements of Marisol Street, Ojo De Agua Street and Regency Acres Street.**

The scope of services to be provided by the **Owner** is identified in *EXHIBIT "A" – Scope of Services to be Provided by the Owner* attached hereto.

The scope of services to be provided by the **Engineer** is identified in *EXHIBIT "B" – Scope of Services to be Provided by the Engineer* attached hereto.

PART 2. ESTIMATED COST

The estimated cost for services under this Work Authorization is **\$40,920.00**. This amount is based upon the costs outlined in the Estimated **Cost Proposal** attached hereto as **EXHIBIT "C"**.

PART 3. PAYMENT

Compensation and payment to the **Engineer** for the services established under this Work Authorization shall be made in accordance with Article/Part/Section _____ of the Agreement.

PART 4. FUNDING

This Work Authorization No. 1 shall be funded through funding source:

Account No. 3-1200-431-10-123-005-0-731

Requisition Number 236402 (MUST BE INCLUDED AFTER CC APPROVAL)

PART 5. PERIOD OF SERVICE

This Work Authorization shall become effective on the date of final acceptance of the parties hereto, and terminate upon completion of scopes of the work authorization or _____.

PART 6. RESPONSIBILITIES AND OBLIGATIONS

This Authorization does not waive the parties' responsibilities and obligations provided under the **Agreement**.

PART 7. ACKNOWLEDGEMENT AND CONFIRMATION

Acknowledgement and confirmation by Hidalgo County Precinct No. 3 Commissioner **Joe M. Flores** as to content and detail of this Work Authorization No. 1.

HIDALGO COUNTY
COMMISSIONER PRECINCT NO.3:

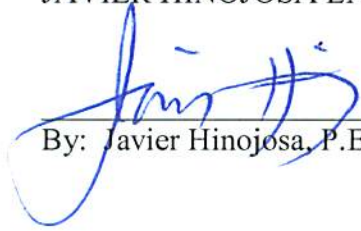
BY: 

PART 8. ACCEPTANCE AND APPROVAL

This Work Authorization is hereby accepted, approved by Hidalgo County Commissioners' Court on _____ as indicated below and effective as of _____ day of _____, 2013.

THE ENGINEER:
JAVIER HINOJOSA ENGINEERING

THE OWNER:
HIDALGO COUNTY


By: Javier Hinojosa, P.E, Owner

By: Ramon Garcia, County Judge or Presiding Officer

ATTEST:

by: Arturo Guajardo Jr., County Clerk

LIST OF ATTACHMENTS

- ATTACHMENT "A" - Service to be Provided by the Owner
- ATTACHMENT "B" - Services to be Provided by the Engineer
- ATTACHMENT "C" - Cost Proposal

EXHIBIT "D"
Preliminary Construction Cost Estimate
Hidalgo County Precinct No. 3 Paving Improvements
Marisol Street (West Side of Bentsen Palm Drive)
Ojo De Agua Street (South of Chihuahua Road)
Regency Acres Street (West Side of Wallace Road)
Prepared By: Javier Hinojosa Engineering
April 29, 2013

A. Marisol Street

1. Unc. Excavation	2,400	CY	@	\$5.00	=	\$12,000.00
2. Subgrade Preparation	4,800	SY	@	\$2.50	=	\$12,000.00
3. 8" Caliche Base	4,800	SY	@	\$7.50	=	\$36,000.00
4. 1 1/2" HMAC (Type "D")	4,200	SY	@	\$10.00	=	\$42,000.00
5. 18" RCP Culverts	70	LF	@	\$25.00	=	\$1,750.00
6. 15" RCP Culverts	525	LF	@	\$20.00	=	\$10,500.00
7. Grade Bar Ditches	2,650	LF	@	\$2.00	=	\$5,300.00
8. Safety End Treatments	2	EA	@	\$1,500.00	=	\$3,000.00
9. Asphalt Driveways	20	EA	@	\$400.00	=	\$8,000.00
10. Concrete Driveway	1	EA	@	\$800.00	=	\$800.00
Subtotal Marisol Street						: \$131,350.00

B. Ojo De Agua Street

1. Unc. Excavation	2,000	CY	@	\$5.00	=	\$10,000.00
2. Subgrade Preparation	4,100	SY	@	\$2.50	=	\$10,250.00
3. 8" Caliche Base	4,100	SY	@	\$7.50	=	\$30,750.00
4. 1 1/2" HMAC (Type "D")	3,600	SY	@	\$10.00	=	\$36,000.00
5. 18" RCP Culverts	70	LF	@	\$25.00	=	\$1,750.00
6. 15" RCP Culverts	325	LF	@	\$20.00	=	\$6,500.00
7. Grade Bar Ditches	2,500	LF	@	\$2.00	=	\$5,000.00
8. Safety End Treatments	2	EA	@	\$1,500.00	=	\$3,000.00
9. Asphalt Driveways	12	EA	@	\$400.00	=	\$4,800.00
10. Concrete Driveway	1	EA	@	\$800.00	=	\$800.00
Subtotal Ojo De Agua Street						: \$108,850.00

C. Regency Acres Street

1 Unc. Excavation	2,700 CY	@	\$5.00	=	\$13,500.00
2 Subgrade Preparation	5,400 SY	@	\$2.50	=	\$13,500.00
3 8" Caliche Base	5,400 SY	@	\$7.50	=	\$40,500.00
4 1 1/2" HMAC (Type "D")	4,700 SY	@	\$10.00	=	\$47,000.00
5 18" RCP Culverts	70 LF	@	\$25.00	=	\$1,750.00
6 15" RCP Culverts	675 LF	@	\$20.00	=	\$13,500.00
7 Grade Bar Ditches	3,000 LF	@	\$2.00	=	\$6,000.00
8 Safety End Treatments	2 EA	@	\$1,500.00	=	\$3,000.00
9 Asphalt Driveways	27 EA	@	\$400.00	=	\$10,800.00

Subtotal Regency Acres Street : \$148,050.00

Subtotal All Streets : \$388,250.00

Engineering Fee : \$40,920.00

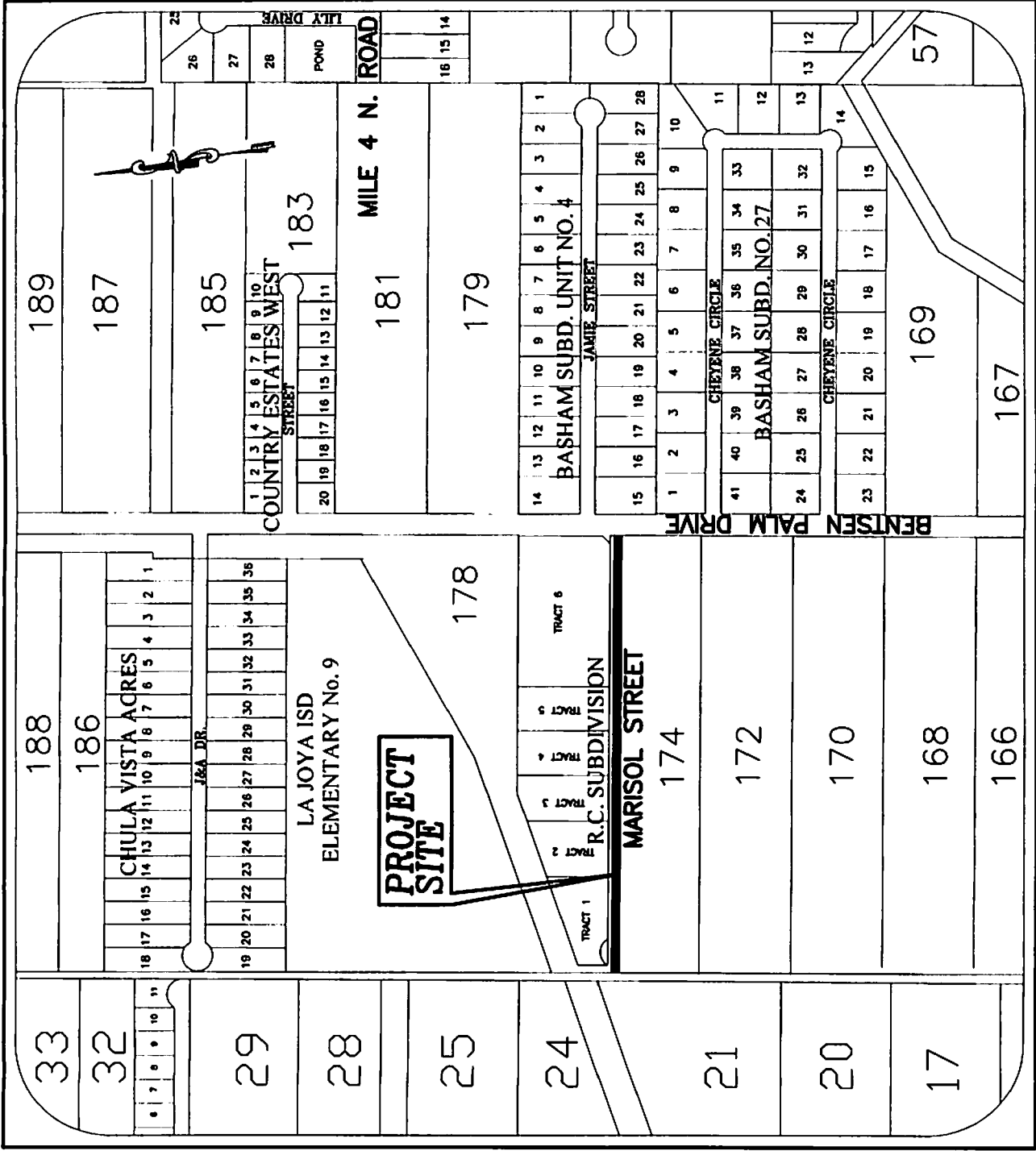
Contingency (10%) : \$38,825.00

Laboratory Testing : \$11,647.50

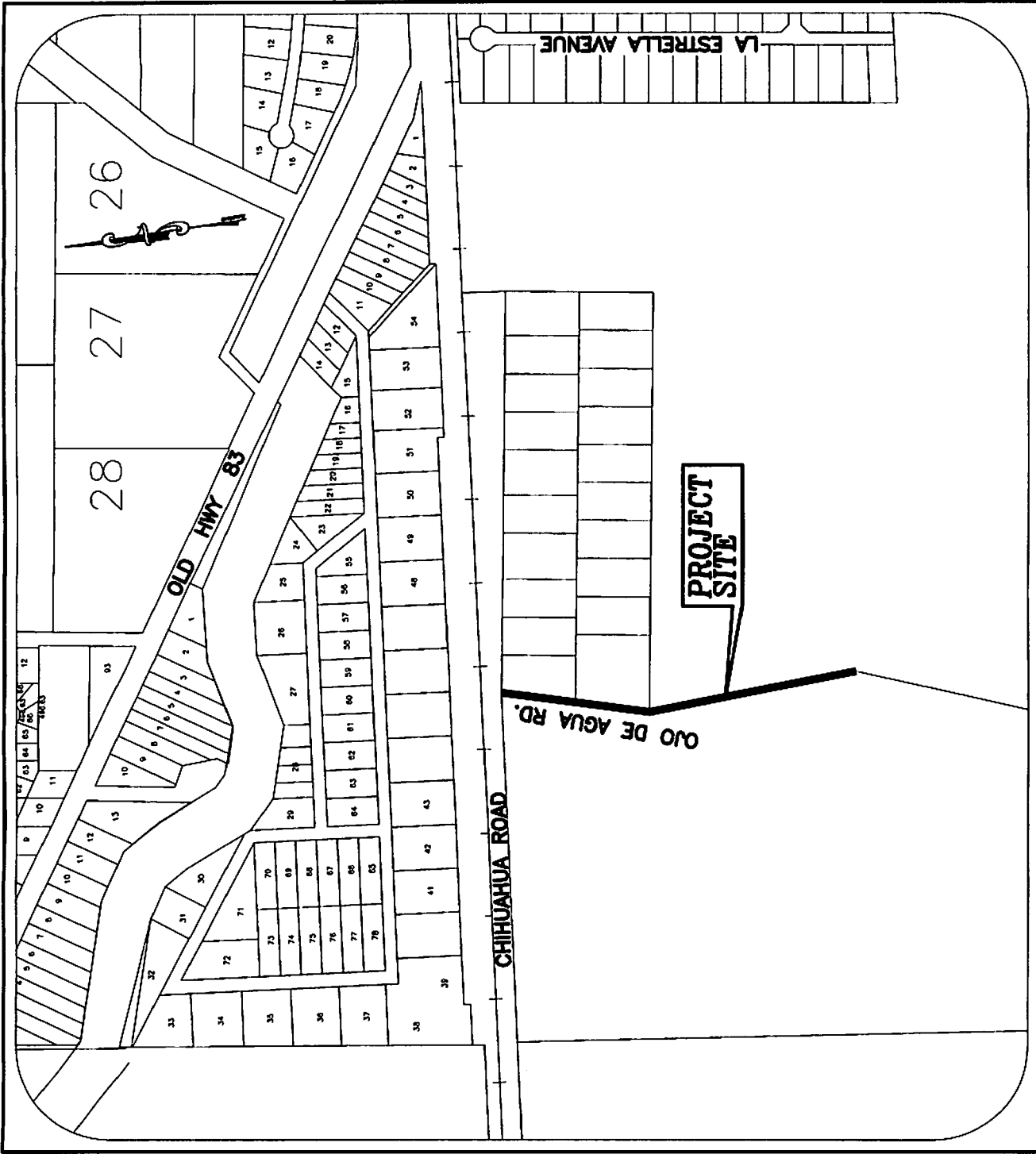
Total : \$479,642.50

**Javier Hinojosa Engineering
Engineering Contract Rates
Project: Hidalgo County Precinct No. 3 Paving Improvements
Marisol Street (West Side of Bentsen Palm Drive)
Ojo De Agua Street (South of Chihuahua Road)
Regency Acres Street (West Side of Wallace Road)**

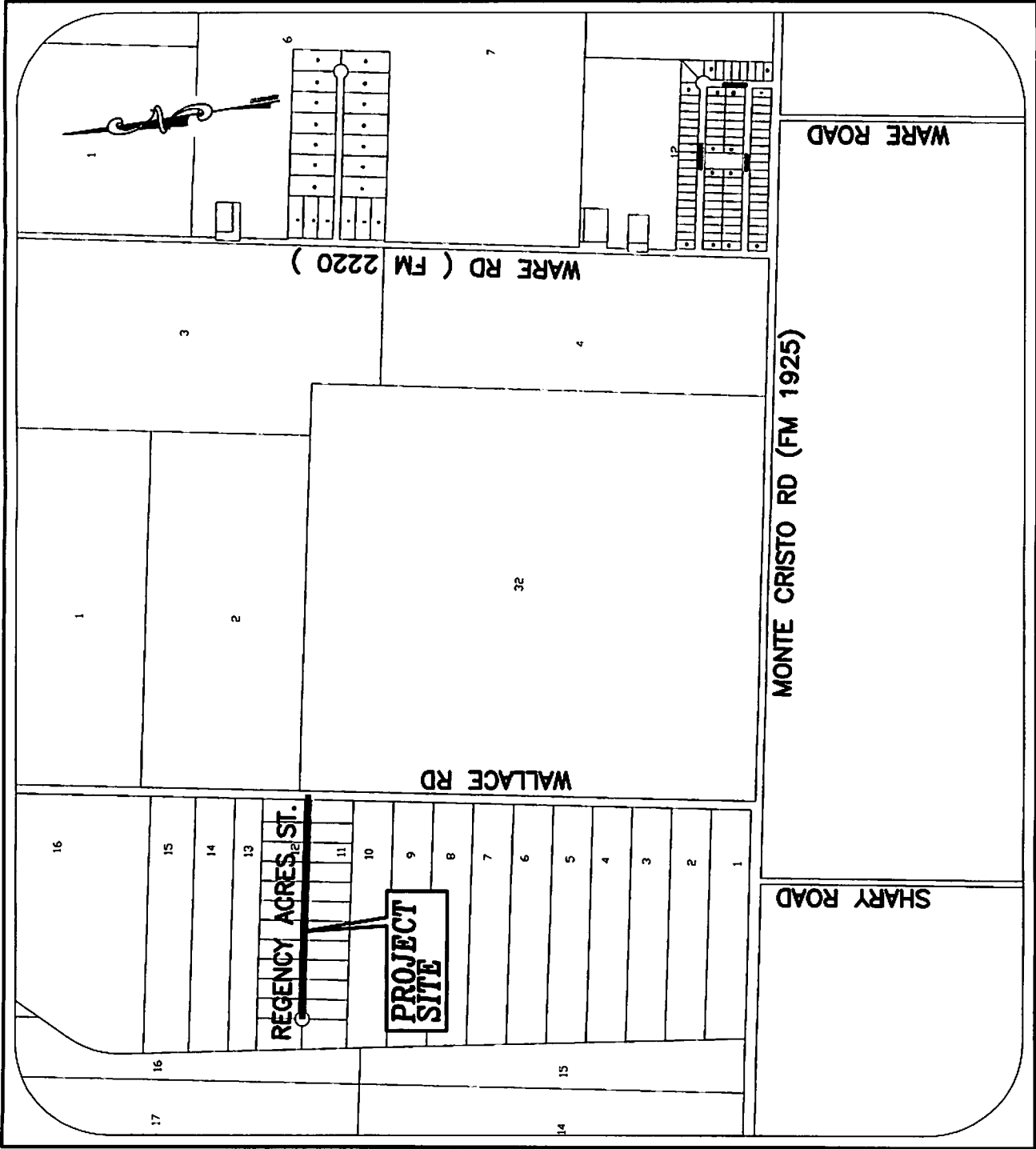
Project Description: Work Authorization No. 1 Hidalgo County Precinct No. 3 Marisol Street, Ojo De Agua Street and Regency Acres Street	Principal	Project Manager/Engineer	Engineering Assistant	R.P.L.S.	G.P.S. Survey Crew	3 Man Survey Crew	Project Inspector	CADD Operator/Designer	Admin./Clerical	Total Hours & Cost
Preliminary Phase	0	16	16	0	0	48	0	40	0	120
Design Phase	0	48	48	0	0	10	0	80	16	202
Construction Phase	0	24	24	0	0	30	0	8	8	94
TOTAL HOURS	0	88	88	0	0	88	0	128	24	416
RATE PER HOUR	\$225.00	\$150.00	\$95.00	\$145.00	\$150.00	\$110.00	\$70.00	\$70.00	\$30.00	
TOTAL COST	\$0.00	\$13,200.00	\$8,360.00	\$0.00	\$0.00	\$9,680.00	\$0.00	\$8,960.00	\$720.00	\$40,920.00



*LOCATION MAP
MARISOL STREET*



LOCATION MAP
 OJO DE AGUA STREET



*LOCATION MAP
REGENCY ACRES STREET*