

L&G Engineering Laboratory

Construction Material Testing
Geotechnical Engineering

May 14, 2013

Mr. Rene Salinas, CM
G.A.S. Enterprise
P.O. Box 309
Elsa, TX 78543

RE: Constable's Office Bldg. – Hidalgo County. Pct. 1

Dear Mr. Salinas:

As per our meeting on May 2, 2013 with Hidalgo County Auditors Office, included herein are the two missing original invoices for the above referenced project. As per the Auditor's request, please review, approve and forward to the Facilities Management Department for further processing.

If you have any questions, feel free to contact me at 956-565-0760.

Sincerely,



Ricardo A. Gil
General Manager

Attachments

CC: Project File

INVOICE
ROUTING AND SIGNATURE SHEET

A. General Information

Project Name: Constable's Office Building, Precinct 1

Billed By: L & G Engineering Laboratory

Invoice No. 13-2-000019

Date Submitted: 2/26/13

GOOD SERVICES RECEIVED BY:
Daniel Flores ON 2/26/13
INVOICE RECEIVED BY:
Shonda Dominy ON 5/16/13



B. Routing Instructions

1. Invoice will be submitted to Construction Manager (CM).
2. CM will review and assign signature and date in Section C.
3. Documents will be forwarded to Purchasing for routing to Facilities Management Department for signature and date.
4. Once all signatures above are processed, Purchasing will submit a completed copy to CM

C. Signatures

 REVIEWED/CONFIRMED/APPROVED 2/26/13
Construction Manager Date

 5/14/13
Acknowledge Receipt – Purchasing Dept. Date

 5/16/13
Facilities Management Dept. Date



L&G Engineering Laboratory

Construction Material Testing Geotechnical Engineering

INVOICE

Invoice Date: 02/26/2013
Invoice No: 13-2-000019

Page 1 of 7

2100 W. Expressway 83
Mercedes, TX 78570
Office (956) 565-0760 Fax (956) 565-6746

Client Address: Hidalgo County Pct. #1 (Gen.)

1902 Joe Stephens Drive
Weslaco, TX. 78596

Account No.: L155

Project No: L1551201

Project Desc.: Constable's Office Bldg.- Hidalgo Cnty Pct. 1

Due Date: UPON RECEIPT

Budget/Remaining: \$30,405.38 / \$16,092.23

PO: 682857

===== Invoice Summary by Billing Code =====

	<u>Unit Rate</u>	<u>Qty</u>	<u>Extension</u>
920:92033 - Air Content (Pressure Method)	\$22.82	6.00	\$136.92
920:92034 - Comp. Strength of Cyl. Specimen	\$15.22	8.00	\$121.76
920:92036 - Grout Compressive Strength	\$31.78	8.00	\$254.24
920:92041 - Mortar Cube Compressive Strength	\$31.06	5.00	\$155.30
940:94047 - Eng. Tech. (Concrete / Lab)	\$58.41	4.00	\$233.66
940:94050 - Eng. Tech. (Concrete)	\$58.41	30.25	\$1,766.91
940:94054 - Engineering Specialist	\$114.30	5.75	\$657.34
940:94055 - Engineer / P.E.	\$152.47	5.50	\$838.64
940:94056 - Eng. Spec. (Insp.)	\$114.30	2.00	\$228.60
950:95058 - Vehicle Trip Charge	\$0.50	60.00	\$30.00
950:95061 - Test Report	\$22.56	23.00	\$518.88
Total for this Invoice:			\$4,942.25

===== Invoice Detail by Report =====

<u>Report No.</u>	<u>Sampled</u>	<u>Qty</u>	<u>Billing Code</u>	<u>Unit Type</u>	<u>Unit Rate</u>	<u>Extension</u>
R025-28	12/28/2012	2.00	920:92034 - Comp. Strength of Cyl. Specimen	Each	\$15.22	\$30.44
R025-28	12/28/2012	0.50	940:94047 - Eng. Tech. (Concrete / Lab)	Each	\$58.41	\$29.21
R025-28	12/28/2012	0.25	940:94054 - Engineering Specialist	Each	\$114.30	\$28.58
R025-28	12/28/2012	0.25	940:94055 - Engineer / P.E.	Hour	\$152.47	\$38.12
R025-28	12/28/2012	1.00	950:95061 - Test Report	Each	\$22.56	\$22.56
Report Number R025-28 for a Subtotal of:						\$148.91

REMIT TO:2100 W. Expressway 83
Mercedes, TX 78570
Office (956) 565-0760 Fax (956) 565-6746

Net 30 Days

PAST DUE BALANCES SUBJECT TO 1.5% SERVICE CHARGE PER MONTH
PLEASE REFERENCE INVOICE NUMBER WITH PAYMENT

Construction Material Testing Geotechnical Engineering

2100 W. Expressway 83
Mercedes, TX 78570
Office (956) 565-0760 Fax (956) 565-6746

===== Invoice Detail by Report =====

<u>Report No.</u>	<u>Sampled</u>	<u>Qty</u>	<u>Billing Code</u>	<u>Unit Type</u>	<u>Unit Rate</u>	<u>Extension</u>
R026-28	12/28/2012	2.00	920:92034 - Comp. Strength of Cyl. Specimen	Each	\$15.22	\$30.44
R026-28	12/28/2012	0.50	940:94047 - Eng. Tech. (Concrete / Lab)	Each	\$58.41	\$29.21
R026-28	12/28/2012	0.25	940:94054 - Engineering Specialist	Each	\$114.30	\$28.58
R026-28	12/28/2012	0.25	940:94055 - Engineer / P.E.	Hour	\$152.47	\$38.12
R026-28	12/28/2012	1.00	950:95061 - Test Report	Each	\$22.56	\$22.56
Report Number R026-28 for a Subtotal of:						\$148.91
R027-28	12/28/2012	2.00	920:92034 - Comp. Strength of Cyl. Specimen	Each	\$15.22	\$30.44
R027-28	12/28/2012	0.50	940:94047 - Eng. Tech. (Concrete / Lab)	Each	\$58.41	\$29.21
R027-28	12/28/2012	0.25	940:94054 - Engineering Specialist	Each	\$114.30	\$28.58
R027-28	12/28/2012	0.25	940:94055 - Engineer / P.E.	Hour	\$152.47	\$38.12
R027-28	12/28/2012	1.00	950:95061 - Test Report	Each	\$22.56	\$22.56
Report Number R027-28 for a Subtotal of:						\$148.91
R028-28	12/28/2012	2.00	920:92034 - Comp. Strength of Cyl. Specimen	Each	\$15.22	\$30.44
R028-28	12/28/2012	0.50	940:94047 - Eng. Tech. (Concrete / Lab)	Each	\$58.41	\$29.21
R028-28	12/28/2012	0.25	940:94054 - Engineering Specialist	Each	\$114.30	\$28.58
R028-28	12/28/2012	0.25	940:94055 - Engineer / P.E.	Hour	\$152.47	\$38.12
R028-28	12/28/2012	1.00	950:95061 - Test Report	Each	\$22.56	\$22.56
Report Number R028-28 for a Subtotal of:						\$148.91
R029	01/22/2013	2.50	940:94050 - Eng. Tech. (Concrete)	Each	\$58.41	\$146.03
R029	01/22/2013	0.25	940:94054 - Engineering Specialist	Each	\$114.30	\$28.58
R029	01/22/2013	0.25	940:94055 - Engineer / P.E.	Hour	\$152.47	\$38.12
R029	01/22/2013	1.00	950:95061 - Test Report	Each	\$22.56	\$22.56
Report Number R029 for a Subtotal of:						\$235.29
R030	01/22/2013	1.00	920:92033 - Air Content (Pressure Method)	Each	\$22.82	\$22.82
R030	01/22/2013	4.00	940:94050 - Eng. Tech. (Concrete)	Each	\$58.41	\$233.64
R030	01/22/2013	0.25	940:94054 - Engineering Specialist	Each	\$114.30	\$28.58

REMIT TO: 2100 W. Expressway 83
Mercedes, TX 78570
Office (956) 565-0760 Fax (956) 565-6746

Net 30 Days

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PLEASE REFERENCE INVOICE NUMBER WITH PAYMENT

Construction Material Testing Geotechnical Engineering

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===== Invoice Detail by Report =====

<u>Report No.</u>	<u>Sampled</u>	<u>Qty</u>	<u>Billing Code</u>	<u>Unit Type</u>	<u>Unit Rate</u>	<u>Extension</u>
R030	01/22/2013	0.25	940:94055 - Engineer / P.E.	Hour	\$152.47	\$38.12
R030	01/22/2013	10.00	950:95058 - Vehicle Trip Charge	Each	\$0.50	\$5.00
R030	01/22/2013	1.00	950:95061 - Test Report	Each	\$22.56	\$22.56
<i>Report Number R030 for a Subtotal of:</i>						\$350.72
R031	01/25/2013	1.00	920:92033 - Air Content (Pressure Method)	Each	\$22.82	\$22.82
R031	01/25/2013	4.00	940:94050 - Eng. Tech. (Concrete)	Each	\$58.41	\$233.64
R031	01/25/2013	0.25	940:94054 - Engineering Specialist	Each	\$114.30	\$28.58
R031	01/25/2013	0.25	940:94055 - Engineer / P.E.	Hour	\$152.47	\$38.12
R031	01/25/2013	10.00	950:95058 - Vehicle Trip Charge	Each	\$0.50	\$5.00
R031	01/25/2013	1.00	950:95061 - Test Report	Each	\$22.56	\$22.56
<i>Report Number R031 for a Subtotal of:</i>						\$350.72
R032-28	01/22/2013	3.00	920:92041 - Mortar Cube Compressive Strength	Each	\$31.06	\$93.18
R032-28	01/22/2013	0.75	940:94050 - Eng. Tech. (Concrete)	Each	\$58.41	\$43.81
R032-28	01/22/2013	0.25	940:94054 - Engineering Specialist	Each	\$114.30	\$28.58
R032-28	01/22/2013	0.25	940:94055 - Engineer / P.E.	Hour	\$152.47	\$38.12
R032-28	01/22/2013	1.00	950:95061 - Test Report	Each	\$22.56	\$22.56
<i>Report Number R032-28 for a Subtotal of:</i>						\$226.25
R033-28	01/29/2013	3.00	920:92036 - Grout Compressive Strength	Each	\$31.78	\$95.34
R033-28	01/29/2013	0.50	940:94050 - Eng. Tech. (Concrete)	Each	\$58.41	\$29.21
R033-28	01/29/2013	0.25	940:94054 - Engineering Specialist	Each	\$114.30	\$28.58
R033-28	01/29/2013	0.25	940:94055 - Engineer / P.E.	Hour	\$152.47	\$38.12
R033-28	01/29/2013	1.00	950:95061 - Test Report	Each	\$22.56	\$22.56
<i>Report Number R033-28 for a Subtotal of:</i>						\$213.81
R034	01/30/2013	1.50	940:94050 - Eng. Tech. (Concrete)	Each	\$58.41	\$87.62
R034	01/30/2013	0.25	940:94054 - Engineering Specialist	Each	\$114.30	\$28.58
R034	01/30/2013	0.25	940:94055 - Engineer / P.E.	Hour	\$152.47	\$38.12

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Construction Material Testing Geotechnical Engineering

INVOICE

Invoice Date: 02/26/2013

Invoice No: 13-2-000019

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===== Invoice Detail by Report =====

<u>Report No.</u>	<u>Sampled</u>	<u>Qty</u>	<u>Billing Code</u>	<u>Unit Type</u>	<u>Unit Rate</u>	<u>Extension</u>
R034	01/30/2013	1.00	950:95061 - Test Report	Each	\$22.56	\$22.56
Report Number R034 for a Subtotal of:						\$176.88
R035	01/30/2013	1.00	920:92033 - Air Content (Pressure Method)	Each	\$22.82	\$22.82
R035	01/30/2013	3.00	940:94050 - Eng. Tech. (Concrete)	Each	\$58.41	\$175.23
R035	01/30/2013	0.25	940:94054 - Engineering Specialist	Each	\$114.30	\$28.58
R035	01/30/2013	0.25	940:94055 - Engineer / P.E.	Hour	\$152.47	\$38.12
R035	01/30/2013	10.00	950:95058 - Vehicle Trip Charge	Each	\$0.50	\$5.00
R035	01/30/2013	1.00	950:95061 - Test Report	Each	\$22.56	\$22.56
Report Number R035 for a Subtotal of:						\$292.31
R036	01/25/2013	1.00	920:92036 - Grout Compressive Strength	Each	\$31.78	\$31.78
R036	01/25/2013	0.25	940:94050 - Eng. Tech. (Concrete)	Each	\$58.41	\$14.60
R036	01/25/2013	0.25	940:94054 - Engineering Specialist	Each	\$114.30	\$28.58
R036	01/25/2013	0.25	940:94055 - Engineer / P.E.	Hour	\$152.47	\$38.12
R036	01/25/2013	1.00	950:95061 - Test Report	Each	\$22.56	\$22.56
Report Number R036 for a Subtotal of:						\$135.64
R037	02/01/2013	1.00	920:92033 - Air Content (Pressure Method)	Each	\$22.82	\$22.82
R037	02/01/2013	4.00	940:94050 - Eng. Tech. (Concrete)	Each	\$58.41	\$233.64
R037	02/01/2013	0.25	940:94054 - Engineering Specialist	Each	\$114.30	\$28.58
R037	02/01/2013	0.25	940:94055 - Engineer / P.E.	Hour	\$152.47	\$38.12
R037	02/01/2013	10.00	950:95058 - Vehicle Trip Charge	Each	\$0.50	\$5.00
R037	02/01/2013	1.00	950:95061 - Test Report	Each	\$22.56	\$22.56
Report Number R037 for a Subtotal of:						\$350.72
R038	01/30/2013	1.00	920:92041 - Mortar Cube Compressive Strength	Each	\$31.06	\$31.06
R038	01/30/2013	0.25	940:94050 - Eng. Tech. (Concrete)	Each	\$58.41	\$14.60
R038	01/30/2013	0.25	940:94054 - Engineering Specialist	Each	\$114.30	\$28.58
R038	01/30/2013	0.25	940:94055 - Engineer / P.E.	Hour	\$152.47	\$38.12

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Construction Material Testing Geotechnical Engineering

2100 W. Expressway 83
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===== Invoice Detail by Report =====

<u>Report No.</u>	<u>Sampled</u>	<u>Qty</u>	<u>Billing Code</u>	<u>Unit Type</u>	<u>Unit Rate</u>	<u>Extension</u>
R038	01/30/2013	1.00	950:95061 - Test Report	Each	\$22.56	\$22.56
<i>Report Number R038 for a Subtotal of:</i>						\$134.92
R039	01/30/2013	1.00	920:92036 - Grout Compressive Strength	Each	\$31.78	\$31.78
R039	01/30/2013	0.25	940:94050 - Eng. Tech. (Concrete)	Each	\$58.41	\$14.60
R039	01/30/2013	0.25	940:94054 - Engineering Specialist	Each	\$114.30	\$28.58
R039	01/30/2013	0.25	940:94055 - Engineer / P.E.	Hour	\$152.47	\$38.12
R039	01/30/2013	1.00	950:95061 - Test Report	Each	\$22.56	\$22.56
<i>Report Number R039 for a Subtotal of:</i>						\$135.64
R040	02/06/2013	1.00	920:92033 - Air Content (Pressure Method)	Each	\$22.82	\$22.82
R040	02/06/2013	4.00	940:94050 - Eng. Tech. (Concrete)	Each	\$58.41	\$233.64
R040	02/06/2013	0.25	940:94054 - Engineering Specialist	Each	\$114.30	\$28.58
R040	02/06/2013	0.25	940:94055 - Engineer / P.E.	Hour	\$152.47	\$38.12
R040	02/06/2013	10.00	950:95058 - Vehicle Trip Charge	Each	\$0.50	\$5.00
R040	02/06/2013	1.00	950:95061 - Test Report	Each	\$22.56	\$22.56
<i>Report Number R040 for a Subtotal of:</i>						\$350.72
R041	02/01/2013	1.00	920:92036 - Grout Compressive Strength	Each	\$31.78	\$31.78
R041	02/01/2013	0.50	940:94050 - Eng. Tech. (Concrete)	Each	\$58.41	\$29.21
R041	02/01/2013	0.25	940:94054 - Engineering Specialist	Each	\$114.30	\$28.58
R041	02/01/2013	0.25	940:94055 - Engineer / P.E.	Hour	\$152.47	\$38.12
R041	02/01/2013	1.00	950:95061 - Test Report	Each	\$22.56	\$22.56
<i>Report Number R041 for a Subtotal of:</i>						\$150.25
R042	02/08/2013	1.00	920:92033 - Air Content (Pressure Method)	Each	\$22.82	\$22.82
R042	02/08/2013	4.00	940:94050 - Eng. Tech. (Concrete)	Each	\$58.41	\$233.64
R042	02/08/2013	0.25	940:94054 - Engineering Specialist	Each	\$114.30	\$28.58
R042	02/08/2013	0.25	940:94055 - Engineer / P.E.	Hour	\$152.47	\$38.12
R042	02/08/2013	10.00	950:95058 - Vehicle Trip Charge	Each	\$0.50	\$5.00

REMIT TO: 2100 W. Expressway 83
Mercedes, TX 78570
Office (956) 565-0760 Fax (956) 565-6746

Net 30 Days

PAST DUE BALANCES SUBJECT TO 1.5% SERVICE CHARGE PER MONTH
PLEASE REFERENCE INVOICE NUMBER WITH PAYMENT



L&G Engineering Laboratory

Construction Material Testing Geotechnical Engineering

INVOICE

Invoice Date: 02/26/2013
Invoice No: 13-2-000019

2100 W. Expressway 83
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===== Invoice Detail by Report =====

<u>Report No.</u>	<u>Sampled</u>	<u>Qty</u>	<u>Billing Code</u>	<u>Unit Type</u>	<u>Unit Rate</u>	<u>Extension</u>
R042	02/08/2013	1.00	950:95061 - Test Report	Each	\$22.56	\$22.56
<i>Report Number R042 for a Subtotal of:</i>						\$350.72
R043	02/06/2013	2.00	940:94047 - Eng. Tech. (Concrete / Lab)	Each	\$58.41	\$116.82
R043	02/06/2013	0.25	940:94054 - Engineering Specialist	Each	\$114.30	\$28.58
R043	02/06/2013	0.25	940:94055 - Engineer / P.E.	Hour	\$152.47	\$38.12
R043	02/06/2013	1.00	950:95061 - Test Report	Each	\$22.56	\$22.56
<i>Report Number R043 for a Subtotal of:</i>						\$206.08
R044	02/06/2013	1.00	920:92041 - Mortar Cube Compressive Strength	Each	\$31.06	\$31.06
R044	02/06/2013	0.25	940:94050 - Eng. Tech. (Concrete)	Each	\$58.41	\$14.60
R044	02/06/2013	0.25	940:94054 - Engineering Specialist	Each	\$114.30	\$28.58
R044	02/06/2013	0.25	940:94055 - Engineer / P.E.	Hour	\$152.47	\$38.12
R044	02/06/2013	1.00	950:95061 - Test Report	Each	\$22.56	\$22.56
<i>Report Number R044 for a Subtotal of:</i>						\$134.92
R045	02/06/2013	1.00	920:92036 - Grout Compressive Strength	Each	\$31.78	\$31.78
R045	02/06/2013	0.25	940:94050 - Eng. Tech. (Concrete)	Each	\$58.41	\$14.60
R045	02/06/2013	0.25	940:94054 - Engineering Specialist	Each	\$114.30	\$28.58
R045	02/06/2013	0.25	940:94055 - Engineer / P.E.	Hour	\$152.47	\$38.12
R045	02/06/2013	1.00	950:95061 - Test Report	Each	\$22.56	\$22.56
<i>Report Number R045 for a Subtotal of:</i>						\$135.64
R046	02/08/2013	1.00	920:92036 - Grout Compressive Strength	Each	\$31.78	\$31.78
R046	02/08/2013	0.25	940:94050 - Eng. Tech. (Concrete)	Each	\$58.41	\$14.60
R046	02/08/2013	0.25	940:94054 - Engineering Specialist	Each	\$114.30	\$28.58
R046	02/08/2013	0.25	940:94055 - Engineer / P.E.	Hour	\$152.47	\$38.12
R046	02/08/2013	1.00	950:95061 - Test Report	Each	\$22.56	\$22.56
<i>Report Number R046 for a Subtotal of:</i>						\$135.64
R048	02/15/2013	0.25	940:94054 - Engineering Specialist	Each	\$114.30	\$28.58
R048	02/15/2013	2.00	940:94056 - Eng. Spec. (Insp.)	Hour	\$114.30	\$228.60

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Invoice Date: 02/26/2013

Invoice No: 13-2-000019

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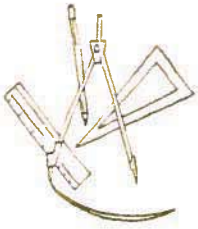
===== Invoice Detail by Report =====

<u>Report No.</u>	<u>Sampled</u>	<u>Qty</u>	<u>Billing Code</u>	<u>Unit Type</u>	<u>Unit Rate</u>	<u>Extension</u>
R048	02/15/2013	1.00	950:95061 - Test Report	Each	\$22.56	\$22.56
Report Number R048 for a Subtotal of:						\$279.74
Total for this Invoice:						\$4,942.25

REMIT TO:2100 W. Expressway 83
Mercedes, TX 78570
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Net 30 Days

PAST DUE BALANCES SUBJECT TO 1.5% SERVICE CHARGE PER MONTH
PLEASE REFERENCE INVOICE NUMBER WITH PAYMENT



L&G Engineering Laboratory

Construction Material Testing
Geotechnical Engineering

February 26, 2013

Mr. Rene Salinas, CM
G.A.S. Enterprise
P.O. Box 309
Elsa, TX 78543

RE: Constable's Office Bldg. – Hidalgo County. Pct. 1

Dear Mr. Salinas:

Included for your use with this letter are test reports **R025-28** thru **R048** for **Construction Material Testing** performed on the above referenced project.

L&G Engineering Laboratory appreciates the opportunity to serve your material testing needs on this project and we look forward to working with you in the future.

If you have any questions, feel free to contact me at 956-565-0760.

Sincerely,

Ricardo A. Gil
General Manager

Attachments

CC: Allsite Construction, Mr. Mel Ortiz



L&G Engineering Laboratory

Construction Material Testing
Geotechnical Engineering

2100 W. Expressway 83
900 S. Stewart Rd. Ste. 6
3388 US Hwy 277

Mercedes, TX 78570 (956) 565-0760
Mission, TX 78572 (956) 583-7117
Carrizo Springs, TX (888) 565-9813

CONCRETE COMPRESSION TEST REPORT

Project Description: Constable's Office Bldg.- Hidalgo Cnty Pct. 1
Client: Hidalgo County Pct. #1 (Gen.)
Contractor: Allsite Construction

L&G Project Number: L1551201
L&G Report Number: R025-28
Sample Date: 12/28/2012
Date Reported: 01/25/2013

Client PO: 682857

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Placement Location: 10ft N x 10ft E of SW Corner Pad
 Mix ID: 3038-N Supplier: Magic Valley Concrete
 Specified Strength: 3,000 P.S.I. @ 28 days
 Specified Slump: 5 Slump: 5.0"
 Specified Air Content: N/A Air Content: 2.7%
 Weather Conditions: Calm & Fresh Air Temp.: 61°f
 Time Batched: 3:15 am Time Sampled: 4:27 am Concrete Temp.: 60°f
 Plant Ticket No: 245011 Truck No: 0053 CY: 20
 Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
1	A	01/04/2013	7	70,620	Type 5	2,500		83.33%
	B	01/04/2013	7	75,255	Type 3	2,660	2,580	88.67%
	C	01/25/2013	28	93,060	Type 3	3,290		109.67%
	D	01/25/2013	28	95,880	Type 3	3,390	3,340	113.00%



Remarks/Comments:

6 x 12 in. Cylinders

Orig: Hidalgo County Pct. #1 (Gen.) (Weslaco, TX)
(1-cc copy)
1-cc Allsite Construction Attn: Mel Ortiz
2-cc GAS Enterprises Attn: Rene Salinas, CM
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager



L&G Engineering Laboratory

Construction Material Testing
Geotechnical Engineering

2100 W. Expressway 83
900 S. Stewart Rd. Ste. 6
3388 US Hwy 277

Mercedes, TX 78570 (956) 565-0760
Mission, TX 78572 (956) 583-7117
Carrizo Springs, TX (888) 565-9813

CONCRETE COMPRESSION TEST REPORT

Project Description: Constable's Office Bldg.- Hidalgo Cnty Pct. 1
Client: Hidalgo County Pct. #1 (Gen.)
Contractor: Allsite Construction

L&G Project Number: L1551201
L&G Report Number: R026-28
Sample Date: 12/28/2012
Date Reported: 01/25/2013

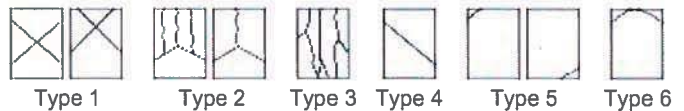
Client PO: 682857

Page 1 of 1

Placement Location: 25ft N x 20ft e of SW Corner Pad
 Mix ID: 3038-N Supplier: Magic Valley Concrete
 Specified Strength: 3,000 P.S.I. @ 28 days
 Specified Slump: 5 Slump: 4.75"
 Specified Air Content: N/A Air Content: 2.1%
 Weather Conditions: Calm & Fresh Air Temp.: 61°F
 Time Batched: 3:43 am Time Sampled: 4:50 am Concrete Temp.: 61°F
 Plant Ticket No: 245015 Truck No: 0049 CY: 80
 Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
2	A	01/04/2013	7	63,790	Type 3	2,260		75.33%
	B	01/04/2013	7	64,780	Type 3	2,290	2,270	76.33%
	C	01/25/2013	28	92,915	Type 5	3,290		109.67%
	D	01/25/2013	28	85,285	Type 3	3,020	3,150	100.67%



Remarks/Comments:

6 x 12 in. Cylinders

Orig: Hidalgo County Pct. #1 (Gen.) (Weslaco, TX)
(1-cc copy)
1-cc Allsite Construction Attn: Mel Ortiz
2-cc GAS Enterprises Attn: Rene Salinas, CM
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager



L&G Engineering Laboratory

Construction Material Testing
Geotechnical Engineering

2100 W. Expressway 83
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3388 US Hwy 277

Mercedes, TX 78570 (956) 565-0760
Mission, TX 78572 (956) 583-7117
Carrizo Springs, TX (888) 565-9813

CONCRETE COMPRESSION TEST REPORT

Project Description: Constable's Office Bldg.- Hidalgo Cnty Pct. 1
Client: Hidalgo County Pct. #1 (Gen.)
Contractor: Allsite Construction

L&G Project Number: L1551201
L&G Report Number: R027-28
Sample Date: 12/28/2012
Date Reported: 01/25/2013

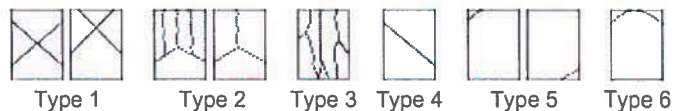
Client PO: 682857

Page 1 of 1

Placement Location: 35ft N x 30ft w of SE Corner Pad
 Mix ID: 3038-N Supplier: Magic Valley Concrete
 Specified Strength: 3,000 P.S.I. @ 28 days
 Specified Slump: 5 Slump: 4.0"
 Specified Air Content: N/A Air Content: 1.8%
 Weather Conditions: Clear & Fresh Air Temp.: 60°f
 Time Batched: 5:48 am Time Sampled: 6:40 am Concrete Temp.: 58°f
 Plant Ticket No: 237468 Truck No: 0741 CY: 120
 Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
3	A	01/04/2013	7	88,750	Type 3	3,140		104.67%
	B	01/04/2013	7	86,205	Type 5	3,050	3,090	101.67%
	C	01/25/2013	28	111,745	Type 5	3,950		131.67%
	D	01/25/2013	28	127,730	Type 3	4,520	4,230	150.67%



Remarks/Comments:

6 x 12 in. Cylinders

Orig: Hidalgo County Pct. #1 (Gen.) (Weslaco, TX)
(1-cc copy)
1-cc Allsite Construction Attn: Mel Ortiz
2-cc GAS Enterprises Attn: Rene Salinas, CM
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager



L&G Engineering Laboratory

Construction Material Testing
Geotechnical Engineering

2100 W. Expressway 83
900 S. Stewart Rd. Ste. 6
3388 US Hwy 277

Mercedes, TX 78570 (956) 565-0760
Mission, TX 78572 (956) 583-7117
Carrizo Springs, TX (888) 565-9813

CONCRETE COMPRESSION TEST REPORT

Project Description: Constable's Office Bldg.- Hidalgo Cnty Pct. 1
Client: Hidalgo County Pct. #1 (Gen.)
Contractor: Allsite Construction

L&G Project Number: L1551201
L&G Report Number: R028-28
Sample Date: 12/28/2012
Date Reported: 01/25/2013

Client PO: 682857

Page 1 of 1

Placement Location: 5ft N x 5ft W of SE Corner Pad
 Mix ID: 3038-N Supplier: Magic Valley Concrete
 Specified Strength: 3,000 P.S.I. @ 28 days
 Specified Slump: 5 Slump: 3.75"
 Specified Air Content: N/A Air Content: 2.4%
 Weather Conditions: Fresh & Calm Air Temp.: 61°F
 Time Batched: 7:29 am Time Sampled: 8:20 am Concrete Temp.: 57°F
 Plant Ticket No: 237472 Truck No: 0741 CY: 166
 Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
4	A	01/04/2013	7	92,780	Type 3	3,280		109.33%
	B	01/04/2013	7	98,685	Type 2	3,490	3,390	116.33%
	C	01/25/2013	28	120,205	Type 3	4,250		141.67%
	D	01/25/2013	28	125,375	Type 3	4,430	4,340	147.67%



Remarks/Comments:

6 x 12 in. Cylinders

Orig: Hidalgo County Pct. #1 (Gen.) (Weslaco, TX)
(1-cc copy)
1-cc Allsite Construction Attn: Mel Ortiz
2-cc GAS Enterprises Attn: Rene Salinas, CM
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager



**MORTAR SITE VISIT
TEST REPORT**

Project Description: Constable's Office Bldg.- Hidalgo Cnty Pct. 1
Client: Hidalgo County Pct. #1 (Gen.)
Contractor: Allsite Construction

L&G Project Number: L1551201
L&G Report Number: R029
Sample Date: 01/22/2013
Date Reported: 01/22/2013

Client PO: 682857

Page 1 of 1

On January 22, 2012, a representative of L&G Engineering Laboratory was dispatched to Constable's Office to perform inspection on the placement of Mortar on Bldg. Walls.

Specimen Number 1 was obtained and tested at 11:00 AM, and the following were determined:

Concrete Temperature: 68°f

Ambient Temperature: 73°f

From Specimen Number 1, a total of 3 test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days.

On January 23, 2012, a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the specimens cast on the placement of Mortar on Bldg. Walls. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Test Methods (If Applicable): ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Pct. #1 (Gen.) (Weslaco, TX)
(1-cc copy)
1-cc Allsite Construction Attn: Mel Ortiz
2-cc GAS Enterprises Attn: Rene Salinas, CM
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager

Rick Gil

From: Rene Salinas [gas107@aol.com]
Sent: Tuesday, January 22, 2013 9:11 AM
To: Rick Gil
Subject: Constable's Office Precinct No. 1

R029

As per our conversation earlier, please have an inspector on site to conduct the mortar and block fill testing at 11:00 AM today.

Thank You

Rene Salinas, President
G.A.S. Enterprises, Inc.
PO Box 309, Elsa, Texas 78543
(956) 262-7106 Fax: (956) 262-7107
Cellular: (956) 239-3592



**GROUT SITE VISIT
TEST REPORT**

Project Description: Constable's Office Bldg.- Hidalgo Cnty Pct. 1
Client: Hidalgo County Pct. #1 (Gen.)
Contractor: Allsite Construction

L&G Project Number: L1551201
L&G Report Number: R030
Sample Date: 01/22/2013
Date Reported: 01/22/2013

Client PO: 682857

Page 1 of 1

On January 22, 2013, a representative of L&G Engineering Laboratory was dispatched to Constable's Office to perform inspection on the placement of Grout on Bldg. Walls.

Specimen Number 1 was obtained and tested at 11:35 AM, and the following were determined:

Concrete Temp: <u>64°f</u>	<u>N/A</u> Specification	Entrapped/Entrained Air Content: <u>4.2%</u>	<u>N/A</u> Specification
Ambient Temp: <u>74°f</u>	<u>N/A</u> Specification	Slump: <u>9 1/2 inches</u>	<u>N/A</u> Specification

From Specimen Number 1, a total of 4 test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days.

On January 23, 2013, a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the test specimens cast on the placement of Grout on Bldg. Walls. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Test Methods (If Applicable): ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Pct. #1 (Gen.) (Weslaco, TX)
(1-cc copy)
1-cc Allsite Construction Attn: Mel Ortiz
2-cc GAS Enterprises Attn: Rene Salinas, CM
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager

Rick Gil

From: Rene Salinas [gas107@aol.com]
Sent: Tuesday, January 22, 2013 9:11 AM
To: Rick Gil
Subject: Constable's Office Precinct No. 1

RD 30

As per our conversation earlier, please have an inspector on site to conduct the mortar and block fill testing at 11:00 AM today.

Thank You

Rene Salinas, President
G.A.S. Enterprises, Inc.
PO Box 309, Elsa, Texas 78543
(956) 262-7106 Fax: (956) 262-7107
Cellular: (956) 239-3592



**GROUT SITE VISIT
 TEST REPORT**

Project Description: Constable's Office Bldg.- Hidalgo Cnty Pct. 1
 Client: Hidalgo County Pct. #1 (Gen.)
 Contractor: Allsite Construction

L&G Project Number: L1551201
 L&G Report Number: R031
 Sample Date: 01/25/2013
 Date Reported: 01/25/2013

Client PO: 682857

Page 1 of 1

On January 25, 2013, a representative of L&G Engineering Laboratory was dispatched to Constables Office to perform inspection on the placement of Grout on Bldg. Walls (West Wall).

Specimen Number 2 was obtained and tested at 1:35 PM, and the following were determined:

Concrete Temp: <u>84°f</u>	<u>N/A</u> Specification	Entrapped/Entrained Air Content: <u>1.4%</u>	<u>N/A</u> Specification
Ambient Temp: <u>82°f</u>	<u>N/A</u> Specification	Slump: <u>9 1/2 inches</u>	<u>N/A</u> Specification

From Specimen Number 2, a total of 4 test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days.

On January 26, 2013, a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the test specimens cast on the placement of Grout on Bldg. West Wall. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Test Methods (If Applicable): ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Pct. #1 (Gen.) (Weslaco, TX)
 (1-cc copy)
 1-cc Allsite Construction Attn: Mel Ortiz
 2-cc GAS Enterprises Attn: Rene Salinas, CM
 1-cc Laboratory

Respectfully Submitted,
 L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager



Rick Gil

From: Rene Salinas [gas107@aol.com]
Sent: Thursday, January 24, 2013 2:56 PM
To: Rick Gil
Subject: Constables Office Precinct No 1

RO31

As per our conversation, please have a testing lab tech at the jobsite tomorrow at 1:00 for block fill testing.

Thank You

Rene Salinas, President
G.A.S. Enterprises, Inc.
PO Box 309, Elsa, Texas 78543
(956) 262-7106 Fax: (956) 262-7107
Cellular: (956) 239-3592



L&G Engineering Laboratory

Construction Material Testing
Geotechnical Engineering

2100 W. Expressway 83
900 S. Stewart Rd. Ste. 6
3388 US Hwy 277

Mercedes, TX 78570 (956) 565-0760
Mission, TX 78572 (956) 583-7117
Carrizo Springs, TX (888) 565-9813

MORTAR COMPRESSIVE STRENGTH TEST REPORT

Project Description: Constable's Office Bldg.- Hidalgo Cnty Pct. 1
Client: Hidalgo County Pct. #1 (Gen.)
Contractor: Allsite Construction

L&G Project Number: L1551201
L&G Report Number: R032-28
Sample Date: 01/22/2013
Date Reported: 02/19/2013

Client PO: 682857

Page 1 of 1

Placement Location: 8ft N 1 Course up / first door entry from SW Corner of West Wall
 Mix ID: N/A Supplier: _____
 Specified Strength: 1,500 P.S.I. @ 28 days
 Specified Slump: N/A Slump: _____
 Specified Air Content: N/A Air Content: NA
 Weather Conditions: Clear & Fresh Air Temp.: 73°F
 Time Batched: 10:35 am Time Sampled: 10:40 am Concrete Temp.: 68°F
 Plant Ticket No: N/A Truck No: N/A CY: N/A
 Water: 2 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Comp. Strength (psi)	Average Strength (psi)	% of Design
1	1	01/29/2013	7	12,175	3,044	3,044	202.93%
	2	02/19/2013	28	11,190	2,798		186.53%
	3	02/19/2013	28	11,880	2,970	2,884	198.00%

Remarks/Comments:

Orig: Hidalgo County Pct. #1 (Gen.) (Weslaco, TX)
(1-cc copy)
1-cc Allsite Construction Attn: Mel Ortiz
2-cc GAS Enterprises Attn: Rene Salinas, CM
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager



L&G Engineering Laboratory

Construction Material Testing
Geotechnical Engineering

2100 W. Expressway 83
900 S. Stewart Rd. Ste. 6
3388 US Hwy 277

Mercedes, TX 78570 (956) 565-0760
Mission, TX 78572 (956) 583-7117
Carrizo Springs, TX (888) 565-9813

GROUT COMPRESSIVE STRENGTH TEST REPORT

Project Description: Constable's Office Bldg.- Hidalgo Cnty Pct. 1
Client: Hidalgo County Pct. #1 (Gen.)
Contractor: Allsite Construction

L&G Project Number: L1551201
L&G Report Number: R033-28
Sample Date: 01/29/2013
Date Reported: 02/19/2013

Client PO: 682857

Page 1 of 1

Placement Location: Bldg. Pad Wall / 12ft N / 8 Course up from SE Corner of East Wall
 Mix ID: 813060230 Supplier: Alamo Concrete Product
 Specified Strength: 3,000 P.S.I. @ 28 days
 Specified Slump: 11 Slump: 9.5"
 Specified Air Content: N/A Air Content: 4.2%
 Weather Conditions: Clear & Fresh Air Temp.: 74°f
 Time Batched: 10:14 am Time Sampled: 11:35 am Concrete Temp.: 64°f
 Plant Ticket No: 26837 Truck No: 7229 CY: 9
 Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Comp. Strength (psi)	Average Strength (psi)	% of Design
1	1	02/05/2013	7	34,905	3,320	3,320	110.67%
	2	02/26/2013	28	63,920	5,680		189.33%
	3	02/26/2013	28	56,930	5,330	5,500	177.67%

Remarks/Comments:

Orig: Hidalgo County Pct. #1 (Gen.) (Weslaco, TX)
(1-cc copy)
1-cc Allsite Construction Attn: Mel Ortiz
2-cc GAS Enterprises Attn: Rene Salinas, CM
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager



**MORTAR SITE VISIT
TEST REPORT**

Project Description: Constable's Office Bldg.- Hidalgo Cnty Pct. 1
Client: Hidalgo County Pct. #1 (Gen.)
Contractor: Allsite Construction

L&G Project Number: L1551201
L&G Report Number: R034
Sample Date: 01/30/2013
Date Reported: 01/30/2013

Client PO: 682857

Page 1 of 1

On January 30, 2013, a representative of L&G Engineering Laboratory was dispatched to Constable's Office to perform inspection on the placement of Mortar on Bldg. Walls.

Specimen Number 2 was obtained and tested at 12:45 PM, and the following were determined:

Concrete Temperature: 65°f

Ambient Temperature: 69°f

From Specimen Number 2, a total of 3 test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days.

On January 31, 2013, a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the specimens cast on the placement of Mortar on Bldg. Walls. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Test Methods (If Applicable): ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Pct. #1 (Gen.) (Weslaco, TX)
(1-cc copy)
1-cc Allsite Construction Attn: Mel Ortiz
2-cc GAS Enterprises Attn: Rene Salinas, CM
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager

Rick Gil

From: Rene Salinas [gas107@aol.com]
Sent: Tuesday, January 29, 2013 2:31 PM
To: Rick Gil
Subject: Constable's Office Precinct No. 1

R034

We will need an inspector out tomorrow at the jobsite at 12:00 for block fill inspection.

Please acknowledge receipt of this e-mail.

Thank You

Rene Salinas, President
G.A.S. Enterprises, Inc.
PO Box 309, Elsa, Texas 78543
(956) 262-7106 Fax: (956) 262-7107
Cellular: (956) 239-3592



**GROUT SITE VISIT
TEST REPORT**

Project Description: Constable's Office Bldg.- Hidalgo Cnty Pct. 1
Client: Hidalgo County Pct. #1 (Gen.)
Contractor: Allsite Construction

L&G Project Number: L1551201
L&G Report Number: R035
Sample Date: 01/30/2013
Date Reported: 01/30/2013

Client PO: 682857

Page 1 of 1

On January 30, 2013, a representative of L&G Engineering Laboratory was dispatched to Constable's Office to perform inspection on the placement of Grout on Bldg Walls.

Specimen Number 3 was obtained and tested at 1:15 PM, and the following were determined:

Concrete Temp: <u>70°f</u>	<u>N/A</u> Specification	Entrapped/Entrained Air Content: <u>2%</u>	<u>N/A</u> Specification
Ambient Temp: <u>69°f</u>	<u>N/A</u> Specification	Slump: <u>10 inches</u>	<u>11</u> Specification

From Specimen Number 3, a total of 4 test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days.

On January 31, 2013, a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the specimens cast on the placement of Grout on Bldg Walls. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Orig: Hidalgo County Pct. #1 (Gen.) (Weslaco, TX)
(1-cc copy)
1-cc Allsite Construction Attn: Mel Ortiz
2-cc GAS Enterprises Attn: Rene Salinas, CM
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager

Rick Gil

From: Rene Salinas [gas107@aol.com]
Sent: Tuesday, January 29, 2013 2:31 PM
To: Rick Gil
Subject: Constable's Office Precinct No. 1

R035

We will need an inspector out tomorrow at the jobsite at 12:00 for block fill inspection.

Please acknowledge receipt of this e-mail.

Thank You

Rene Salinas, President
G.A.S. Enterprises, Inc.
PO Box 309, Elsa, Texas 78543
(956) 262-7106 Fax: (956) 262-7107
Cellular: (956) 239-3592



**GROUT COMPRESSIVE STRENGTH
 TEST REPORT**

Project Description: Constable's Office Bldg.- Hidalgo Cnty Pct. 1
 Client: Hidalgo County Pct. #1 (Gen.)
 Contractor: Allsite Construction

L&G Project Number: L1551201
 L&G Report Number: R036
 Sample Date: 01/25/2013
 Date Reported: 02/01/2013

Client PO: 682857

Page 1 of 1

Placement Location: Bldg. Pad 6ft N, 15 Course up from SW Corner (West Wall)
 Mix ID: 813060230 Supplier: Alamo Concrete Product
 Specified Strength: 3,000 P.S.I. @ 28 days
 Specified Slump: 11 Slump: 9.5"
 Specified Air Content: N/A Air Content: 1.4%
 Weather Conditions: Sunny & Windy Air Temp.: 82°f
 Time Batched: 12:09 pm Time Sampled: 1:35 pm Concrete Temp.: 84°f
 Plant Ticket No: 6244 Truck No: 7238 CY: 8
 Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Comp. Strength (psi)	Average Strength (psi)	% of Design
2	1	02/01/2013	7	31,270	2,950	2,950	98.33%

Remarks/Comments:

Orig: Hidalgo County Pct. #1 (Gen.) (Weslaco, TX)
 (1-cc copy)
 1-cc Allsite Construction Attn: Mel Ortiz
 2-cc GAS Enterprises Attn: Rene Salinas, CM
 1-cc Laboratory

Respectfully Submitted,
 L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager

**GROUT SITE VISIT
TEST REPORT**

Project Description: Constable's Office Bldg.- Hidalgo Cnty Pct. 1
Client: Hidalgo County Pct. #1 (Gen.)
Contractor: Allsite Construction

L&G Project Number: L1551201
L&G Report Number: R037
Sample Date: 02/01/2013
Date Reported: 02/01/2013

Client PO: 682857

Page 1 of 1

On February 1, 2013, a representative of L&G Engineering Laboratory was dispatched to Constable's Office to perform inspection on the placement of Grout on North & West Perimeter Wall.

Specimen Number 4 was obtained and tested at 1:40 PM, and the following were determined:

Concrete Temp: <u>754°f</u>	<u>N/A</u> Specification	Entrapped/Entrained Air Content: <u>2.7%</u>	<u>N/A</u> Specification
Ambient Temp: <u>81°f</u>	<u>N/A</u> Specification	Slump: <u>4 3/4 inches</u>	<u>N/A</u> Specification

From Specimen Number 4, a total of 4 test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days.

On February 2, 2013, a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the specimens cast on the placement of Grout on North & West Perimeter Wall. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Test Methods (If Applicable): ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Pct. #1 (Gen.) (Weslaco, TX)
(1-cc copy)
1-cc Allsite Construction Attn: Mel Ortiz
2-cc GAS Enterprises Attn: Rene Salinas, CM
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory



Ricardo A. Gil, Lab Manager

Rick Gil

From: Rene Salinas [gas107@aol.com]
Sent: Friday, February 01, 2013 10:55 AM
To: Rick Gil
Subject: Constables Office Precinct No. 1

2037

Please send an inspector for block fill inspection at the jobsite at 1:00 pm today.

Thank You

Rene Salinas, President
G.A.S. Enterprises, Inc.
PO Box 309, Elsa, Texas 78543
(956) 262-7106 Fax: (956) 262-7107
Cellular: (956) 239-3592



L&G Engineering Laboratory

Construction Material Testing
Geotechnical Engineering

2100 W. Expressway 83
900 S. Stewart Rd. Ste. 6
3388 US Hwy 277

Mercedes, TX 78570 (956) 565-0760
Mission, TX 78572 (956) 583-7117
Carrizo Springs, TX (888) 565-9813

MORTAR COMPRESSIVE STRENGTH TEST REPORT

Project Description: Constable's Office Bldg.- Hidalgo Cnty Pct. 1
Client: Hidalgo County Pct. #1 (Gen.)
Contractor: Allsite Construction

L&G Project Number: L1551201
L&G Report Number: R038
Sample Date: 01/30/2013
Date Reported: 01/30/2013

Client PO: 682857

Page 1 of 1

Placement Location: Electrical Room, West Wall, 16 Course Up
 Mix ID: N/A Supplier: _____
 Specified Strength: 1,500 P.S.I. @ 28 days
 Specified Slump: N/A Slump: _____
 Specified Air Content: N/A Air Content: NA
 Weather Conditions: Cloudy & Windy Air Temp.: 69°f
 Time Batched: 12:15 pm Time Sampled: 12:20 pm Concrete Temp.: 65°f
 Plant Ticket No: N/A Truck No: N/A CY: N/A
 Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Comp. Strength (psi)	Average Strength (psi)	% of Design
2	1	02/06/2013	7	12,065	3,016	3,016	201.07%

Remarks/Comments:

Orig: Hidalgo County Pct. #1 (Gen.) (Weslaco, TX)
(1-cc copy)
1-cc Allsite Construction Attn: Mel Ortiz
2-cc GAS Enterprises Attn: Rene Salinas, CM
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager



**GROUT COMPRESSIVE STRENGTH
 TEST REPORT**

Project Description: Constable's Office Bldg.- Hidalgo Cnty Pct. 1
 Client: Hidalgo County Pct. #1 (Gen.)
 Contractor: Allsite Construction

L&G Project Number: L1551201
 L&G Report Number: R039
 Sample Date: 01/30/2013
 Date Reported: 02/06/2013

Client PO: 682857

Page 1 of 1

Placement Location: Office Room 129, West Wall, 22 Course Up
 Mix ID: 813060230 Supplier: Alamo Concrete Product
 Specified Strength: 3,000 P.S.I. @ 28 days
 Specified Slump: 11 Slump: 10.0"
 Specified Air Content: N/A Air Content: 2.0%
 Weather Conditions: Cloudy & Windy Air Temp.: 69°f
 Time Batched: 10:31 am Time Sampled: 12:45 pm Concrete Temp.: 70°f
 Plant Ticket No: 26972 Truck No: 7253 CY: 8
 Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Comp. Strength (psi)	Average Strength (psi)	% of Design
3	1	02/06/2013	7	68,850	6,440	6,440	214.67%

Remarks/Comments:

Orig: Hidalgo County Pct. #1 (Gen.) (Weslaco, TX)
 (1-cc copy)
 1-cc Allsite Construction Attn: Mel Ortiz
 2-cc GAS Enterprises Attn: Rene Salinas, CM
 1-cc Laboratory

Respectfully Submitted,
 L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager



**GROUT SITE VISIT
TEST REPORT**

Project Description: Constable's Office Bldg.- Hidalgo Cnty Pct. 1
Client: Hidalgo County Pct. #1 (Gen.)
Contractor: Allsite Construction

L&G Project Number: L1551201
L&G Report Number: R040
Sample Date: 02/06/2013
Date Reported: 02/06/2013

Client PO: 682857

Page 1 of 1

On February 6, 2013, a representative of L&G Engineering Laboratory was dispatched to Constable's Office to perform inspection on the placement of Grout on Cell Fill.

Specimen Number 5 was obtained and tested at 1:25 PM, and the following were determined:

Concrete Temp: <u>83°f</u>	<u>N/A</u> Specification	Entrapped/Entrained Air Content: <u>2.25%</u>	<u>N/A</u> Specification
Ambient Temp: <u>84°f</u>	<u>N/A</u> Specification	Slump: <u>8 3/4 inches</u>	<u>N/A</u> Specification

From Specimen Number 5, a total of 4-6x12 cylindrical test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days.

On February 7, 2013, a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the test specimens cast on the placement of Grout on Cell Fill. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Test Methods (If Applicable): ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Pct. #1 (Gen.) (Weslaco, TX)
(1-cc copy)
1-cc Allsite Construction Attn: Mel Ortiz
2-cc GAS Enterprises Attn: Rene Salinas, CM
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager

Rick Gil

From: Rene Salinas [gas107@aol.com]
Sent: Wednesday, February 06, 2013 10:24 AM
To: Rick Gil
Subject: Constable's Building Precinct No. 1

R040

As per our conversation, we will need an inspector out at the jobsite today at 1:00 pm for block fill testing.

Thank You

Rene Salinas, President
G.A.S. Enterprises, Inc.
PO Box 309, Elsa, Texas 78543
(956) 262-7106 Fax: (956) 262-7107
Cellular: (956) 239-3592



**GROUT COMPRESSIVE STRENGTH
 TEST REPORT**

Project Description: Constable's Office Bldg.- Hidalgo Cnty Pct. 1
 Client: Hidalgo County Pct. #1 (Gen.)
 Contractor: Allsite Construction

L&G Project Number: L1551201
 L&G Report Number: R041
 Sample Date: 02/01/2013
 Date Reported: 02/08/2013

Client PO: 682857

Page 1 of 1

Placement Location: North & West Perimeter Wall (27 Course)
 Mix ID: 813060230 Supplier: Alamo Concrete Products
 Specified Strength: 3,000 P.S.I. @ 28 days
 Specified Slump: N/A Slump: _____
 Specified Air Content: N/A Air Content: 2.7%
 Weather Conditions: Partly Cloudy Air Temp.: 81°F
 Time Batched: 1:30 pm Time Sampled: 1:40 pm Concrete Temp.: 75°F
 Plant Ticket No: 27061 Truck No: 7246 CY: 4
 Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Comp. Strength (psi)	Average Strength (psi)	% of Design
4	1	02/08/2013	7	53,205	13,300	13,300	443.33%

Remarks/Comments:

Orig: Hidalgo County Pct. #1 (Gen.) (Weslaco, TX)
 (1-cc copy)
 1-cc Allsite Construction Attn: Mel Ortiz
 2-cc GAS Enterprises Attn: Rene Salinas, CM
 1-cc Laboratory

Respectfully Submitted,
 L&G Engineering Laboratory

 Ricardo A. Gil, Lab Manager



**GROUT SITE VISIT
TEST REPORT**

Project Description: Constable's Office Bldg.- Hidalgo Cnty Pct. 1
Client: Hidalgo County Pct. #1 (Gen.)
Contractor: Allsite Construction

L&G Project Number: L1551201
L&G Report Number: R042
Sample Date: 02/08/2013
Date Reported: 02/08/2013

Client PO: 682857

Page 1 of 1

On February 8, 2013, a representative of L&G Engineering Laboratory was dispatched to Constables Office to perform inspection on the placement of Grout on Janitorial Rm, Salley Port, Narcotics Rm, & Rstrm.

Specimen Number 6 was obtained and tested at 1:58 PM, and the following were determined:

Concrete Temp: <u>86°f</u>	<u>95</u> Specification	Entrapped/Entrained Air Content: <u>2.8%</u>	<u>N/A</u> Specification
Ambient Temp: <u>84°f</u>	<u>N/A</u> Specification	Slump: <u>9 1/2 inches</u>	<u>N/A</u> Specification

From Specimen Number 6, a total of 4-6x12 cylindrical test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days.

On February 9, 2013, a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the test specimens cast on the placement of Grout on Janitorial Rm, Salley Port, Narcotics Rm. & Rstrm. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Test Methods (If Applicable): ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Pct. #1 (Gen.) (Weslaco, TX)
(1-cc copy)
1-cc Allsite Construction Attn: Mel Ortiz
2-cc GAS Enterprises Attn: Rene Salinas, CM
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager



L&G Engineering Laboratory

Construction Material Testing
Geotechnical Engineering

2100 W. Expressway 83
900 S. Stewart Rd. Ste. 6
3388 US Hwy 277

Mercedes, TX 78570 (956) 565-0760
Mission, TX 78572 (956) 583-7117
Carrizo Springs, TX (888) 565-9813

MORTAR SITE VISIT TEST REPORT

Project Description: Constable's Office Bldg.- Hidalgo Cnty Pct. 1
Client: Hidalgo County Pct. #1 (Gen.)
Contractor: Allsite Construction

L&G Project Number: L1551201
L&G Report Number: R043
Sample Date: 02/06/2013
Date Reported: 02/06/2013

Client PO: 682857

Page 1 of 1

On February 6, 2013, a representative of L&G Engineering Laboratory was dispatched to Constables Office to perform inspection of Mortar on Block.

Specimen Number 3 was obtained and tested at 2:30 PM, and the following were determined:

Concrete Temperature: 83°f

Ambient Temperature: 84°f

From Specimen Number 3, a total of 3 test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days.

On February 7, 2013, a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the test specimens cast on the placement of Blocks. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Test Methods (If Applicable): ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

Orig: Hidalgo County Pct. #1 (Gen.) (Weslaco, TX)
(1-cc copy)
1-cc Allsite Construction Attn: Mel Ortiz
2-cc GAS Enterprises Attn: Rene Salinas, CM
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager

Rick Gil

From: Rene Salinas [gas107@aol.com]
Sent: Wednesday, February 06, 2013 10:24 AM
To: Rick Gil
Subject: Constable's Building Precinct No. 1

2043

As per our conversation, we will need an inspector out at the jobsite today at 1:00 pm for block fill testing.

Thank You

Rene Salinas, President
G.A.S. Enterprises, Inc.
PO Box 309, Elsa, Texas 78543
(956) 262-7106 Fax: (956) 262-7107
Cellular: (956) 239-3592



**MORTAR COMPRESSIVE STRENGTH
 TEST REPORT**

Project Description: Constable's Office Bldg.- Hidalgo Cnty Pct. 1
 Client: Hidalgo County Pct. #1 (Gen.)
 Contractor: Allsite Construction

L&G Project Number: L1551201
 L&G Report Number: R044
 Sample Date: 02/06/2013
 Date Reported: 02/06/2013

Client PO: 682857

Page 1 of 1

Placement Location: _____
 Mix ID: N/A Supplier: _____
 Specified Strength: _____
 Specified Slump: N/A Slump: _____
 Specified Air Content: N/A Air Content: NA
 Weather Conditions: _____ Partly Cloudy & Hot Air Temp.: _____
 Time Batched: 2:00 pm Time Sampled: 2:10 pm Concrete Temp.: _____
 Plant Ticket No: N/A Truck No: N/A CY: N/A
 Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Comp. Strength (psi)	Average Strength (psi)	% of Design
3	1	02/13/2013	7	6,730	1,682	1,682	

Remarks/Comments:

Orig: Hidalgo County Pct. #1 (Gen.) (Weslaco, TX)
 (1-cc copy)
 1-cc Allsite Construction Attn: Mel Ortiz
 2-cc GAS Enterprises Attn: Rene Salinas, CM
 1-cc Laboratory

Respectfully Submitted,
 L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager



**GROUT COMPRESSIVE STRENGTH
 TEST REPORT**

Project Description: Constable's Office Bldg.- Hidalgo Cnty Pct. 1
 Client: Hidalgo County Pct. #1 (Gen.)
 Contractor: Allsite Construction

L&G Project Number: L1551201
 L&G Report Number: R045
 Sample Date: 02/06/2013
 Date Reported: 02/13/2013

Client PO: 682857

Page 1 of 1

Placement Location: Narcotics Room, West Wall, 16 Course Up
 Mix ID: 813060230 Supplier: Alamo Concrete Products
 Specified Strength: 3,000 P.S.I. @ 28 days
 Specified Slump: N/A Slump: 8.75"
 Specified Air Content: N/A Air Content: 2.3%
 Weather Conditions: Partly Cloudy & Hot Air Temp.: 84°F
 Time Batched: 12:05 pm Time Sampled: 1:25 pm Concrete Temp.: 83°F
 Plant Ticket No: 27168 Truck No: 7254 CY: 4
 Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Comp. Strength (psi)	Average Strength (psi)	% of Design
5	1	02/13/2013	7	38,520	3,720	3,720	124.00%

Remarks/Comments:

Orig: Hidalgo County Pct. #1 (Gen.) (Weslaco, TX)
 (1-cc copy)
 1-cc Allsite Construction Attn: Mel Ortiz
 2-cc GAS Enterprises Attn: Rene Salinas, CM
 1-cc Laboratory

Respectfully Submitted,
 L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager



**GROUT COMPRESSIVE STRENGTH
 TEST REPORT**

Project Description: Constable's Office Bldg.- Hidalgo Cnty Pct. 1
 Client: Hidalgo County Pct. #1 (Gen.)
 Contractor: Allsite Construction

L&G Project Number: L1551201
 L&G Report Number: R046
 Sample Date: 02/08/2013
 Date Reported: 02/15/2013

Client PO: 682857

Page 1 of 1

Placement Location: Janitorial Rm, Sally Port, Narcotics & Rstrm.
 Mix ID: 813060230 Supplier: Alamo Concrete
 Specified Strength: 3,000 P.S.I. @ 28 days
 Specified Slump: 11 Slump: 9.5"
 Specified Air Content: N/A Air Content: 2.8%
 Weather Conditions: Cloudy, Windy, & Cool Air Temp.: 84°f
 Time Batched: 11:59 am Time Sampled: 1:58 pm Concrete Temp.: 86°f
 Plant Ticket No: 27201 Truck No: 7241 CY: 8
 Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Comp. Strength (psi)	Average Strength (psi)	% of Design
6	1	02/15/2013	7	19,060	1,800	1,800	60.00%

Remarks/Comments:

Orig: Hidalgo County Pct. #1 (Gen.) (Weslaco, TX)
 (1-cc copy)
 1-cc Allsite Construction Attn: Mel Ortiz
 2-cc GAS Enterprises Attn: Rene Salinas, CM
 1-cc Laboratory

Respectfully Submitted,
 L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager



L&G Engineering Laboratory

**Construction Material Testing
Geotechnical Engineering**

2100 W. Expressway 83 Mercedes, TX 78570 (956) 565-0760
900 S. Stewart Rd. Ste. 6 Mission, TX 78572 (956) 583-7117
3388 US Hwy 277 Carrizo Springs, TX (888) 565-9813

PROJECT SITE VISIT OBSERVATION REPORT TEST REPORT

Project Description: Constable's Office Bldg.- Hidalgo Cnty Pct. 1
Client: Hidalgo County Pct. #1 (Gen.)
Contractor: Allsite Construction

L&G Project Number: L1551201
L&G Report Number: R047
Sample Date: 02/13/2013
Date Reported: 02/14/2013

Client PO: 682857

Page 1 of 1

On February 13, 2013 a representative of Robles Consulting, LLC was dispatched to the Hidalgo County Pct. No. 1 Constable's Office building to perform Welding Inspection. An inspection was performed and several items were found to be un-satisfactory. A report of the findings is attached herein.

Orig: Hidalgo County Pct. #1 (Gen.) (Weslaco, TX)
(1-cc copy)
1-cc Allsite Construction Attn: Mel Ortiz
2-cc GAS Enterprises Attn: Rene Salinas, CM
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager

Robles Consulting, LLC an AWS Affiliate Company Member
P.O. Box 1231
Rio Hondo, TX 78583
(956) 748-0176 Fax, (956) 245-6774 Cell
roblesconsulting@yahoo.com

Job: L&G-001
County: Hidalgo
File: 01.213101
Ref. No. **L1551201**

WELDING INSPECTION REPORT

Consulting Engineer: **L & G Engineering**
Address: **2100 W. Expressway 83**
City: **Mercedes, Texas 78570**

Project Name: **Constable's Office Building Precinct 1**
Hidalgo County
Prime Contractor: **Holchemont Inc.**

Date Inspected: **02/13/13**

Contractor: **Southern Steel Fabricators**

Location: **Weslaco, Texas**

Documents Reviewed:

Electrode to Specification: Yes No N/A
Welders Qualified: Yes No N/A
Reviewed Drawings: Yes No N/A

CWI Present: Continuous Periodic
Weld Procedures Followed: Yes No N/A
Verified Joint Fit-up: Yes No N/A
Reviewed WPS: Yes No N/A

Weld Types Observed:

Fillet Welds 1/8" 3/16" 1/4" 5/16" 3/8" Seam Welds 5/8" Arc Spot Welds Other
Groove Welds CJP PJP Moment Connections
Electrode Type Used: E7018, E6011

Welding Process: SMAW

Structural Weld Location Observed:

Perimeter Angle to Joists <input checked="" type="checkbox"/>	Joists to Girders <input type="checkbox"/>	Joists to Beams <input checked="" type="checkbox"/>
Joists to CMU Embeds <input checked="" type="checkbox"/>	Joists to Tilt Panel Embeds <input type="checkbox"/>	Joist Seats to Tilt Panel Embeds <input type="checkbox"/>
Tilt Panels to Footings <input type="checkbox"/>	Tilt Panel to Panel Connections <input type="checkbox"/>	Outriggers to Joist and Embeds <input checked="" type="checkbox"/>
Girders to Girder Seats <input type="checkbox"/>	Continuous Angle to Embeds <input type="checkbox"/>	Angle Braces at Joists <input type="checkbox"/>
Columns to Baseplate Embeds <input checked="" type="checkbox"/>	Girders to Column Cap Plates <input type="checkbox"/>	Horizontal/X-Bridging to Joist <input checked="" type="checkbox"/>
Joist to Joist Seats <input type="checkbox"/>	K - Bracing to Gusset Plates <input type="checkbox"/>	Bridging Anchored/Welded at Ends <input checked="" type="checkbox"/>

Deck Weld Pattern Observed:

Deck Type: 20 ga. G90 Weld Pattern: N/A Fasteners per Span: 4ea. No. 10 Tek
Deck to Joists Deck to Chord Angle Weld Washers: Yes No
Deck to Outriggers Deck Fastening Deck Fastening Pattern: 36/7 No.12 Tek

Reference Gridlines/Buildings: Inspection of roof deck area at gridlines 2to13@C-H was performed. Inspection of fastening at 36/7 pattern to intermediates was performed. Inspection of 4 each No. 10 Tek screws used at side laps equally spaced between spans was performed. Fastening was acceptable to specs. Inspection of bridging welded to joists top chords and only tacked at bottom chords and joists welded to cmu embeds and beams W16, W18 was performed. Numerous welds were not chipped as per code at gridlines 2to13@C-H. It was observed that bridging was not anchored at ends. Inspection of 3"x3"x1/4" perimeter chord deck angle and 2.5K1 outriggers welded to joists was not accessible for inspection due to roof deck placement. It was observed that perimeter chord deck angle was not anchored to cmu along all the perimeter. Inspection of columns welded to base plates (1 col. req. weld) was performed. Inspection of RTU 3"x3"x1/4" frame curbs welded to joists interior top chord with no bearing to joist top chord was performed. Welds were not chipped clean. Visible porosity, craters, undercut, undersized weld and lack of fusion was observed. Inspection of A325 3/4" bolts at column to beam connection was performed. Two bolts were missing at one column connection. Bolt inspection was unacceptable. Welds inspected were unacceptable to visual inspection acceptance criteria as set forth by AWS D1.1 Structural Welding Code - Steel.

Comments: This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations, unless specified or RFI approved.

Applicable Code, Standards: AWS D1.1 , 2010 AWS D1.3 , 2008 API 1104 ASME Section IX

Reference Section: Section 6 Table 6.1 Visual Acceptance Criteria and Section 5.30 Weld Cleaning

Inspected By: **Raul L. Robles, CWI, CWE**

AWS Certified Welding Inspector

Credential Verification:

Call American Welding Society at
1-800-443-9353, ext. 470

for Affiliate Company Member, ext. 260



Raul L Robles
CWI 02070431
QC1 EXP. 7/1/2014

Acceptable

Unacceptable

Rick Gil

R047

From: Rene Salinas [gas107@aol.com]
Sent: Monday, February 11, 2013 10:41 AM
To: Rick Gil
Subject: Constable's Building Precinct No. 1

Please schedule a weld inspection anytime today for the above referenced project.

Thank You

Rene Salinas, President
G.A.S. Enterprises, Inc.
PO Box 309, Elsa, Texas 78543
(956) 262-7106 Fax: (956) 262-7107
Cellular: (956) 239-3592



L&G Engineering Laboratory

**Construction Material Testing
Geotechnical Engineering**

2100 W. Expressway 83
900 S. Stewart Rd. Ste. 6
3388 US Hwy 277

Mercedes, TX 78570 (956) 565-0760
Mission, TX 78572 (956) 583-7117
Carrizo Springs, TX (888) 565-9813

PROJECT SITE VISIT OBSERVATION REPORT TEST REPORT

Project Description: Constable's Office Bldg.- Hidalgo Cnty Pct. 1
Client: Hidalgo County Pct. #1 (Gen.)
Contractor: Allsite Construction

L&G Project Number: L1551201
L&G Report Number: R048
Sample Date: 02/15/2013
Date Reported: 02/15/2013

Client PO: 682857

Page 1 of 1

On February 15, 2013, a representative of Robles Consulting, LLC was dispatched to Hidalgo County Pct. No 1 Constable's Office building to perform a re-inspection of a previously performed inspection (2/13/13). Items previously found to be un-satisfactory were re-inspected and found to be satisfactory. A report of the findings is attached herein.

Orig: Hidalgo County Pct. #1 (Gen.) (Weslaco, TX)
(1-cc copy)

1-cc Allsite Construction Attn: Mel Ortiz
2-cc GAS Enterprises Attn: Rene Salinas, CM
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager

Robles Consulting, LLC an AWS Affiliate Company Member
P.O. Box 1231
Rio Hondo, TX 78583
(956) 748-0176 Fax, (956) 245-6774 Cell
roblesconsulting@yahoo.com

Job: L&G-001
County Hidalgo
File: 01.213201
Ref. No. L1551201

WELDING INSPECTION REPORT

Consulting Engineer: **L & G Engineering**
Address: **2100 W. Expressway 83**
City: **Mercedes, Texas 78570**

Project Name: **Constable's Office Building Precinct 1**
Hidalgo County
Prime Contractor: **Holchemont Inc.**

Date Inspected: **02/15/13**

Contractor: **Southern Steel Fabricators**

Location: **Weslaco, Texas**

Documents Reviewed:

Electrode to Specification: Yes No N/A
Welders Qualified: Yes No N/A
Reviewed Drawings: Yes No N/A

CWI Present: Continuous Periodic
Weld Procedures Followed: Yes No N/A
Verified Joint Fit-up: Yes No N/A
Reviewed WPS: Yes No N/A

Weld Types Observed:

Fillet Welds 1/8" 3/16" 1/4" 5/16" 3/8" Seam Welds 5/8" Arc Spot Welds Other
Groove Welds CJP PJP Moment Connections

Electrode Type Used: E7018, E6011

Welding Process: SMAW

Structural Weld Location Observed:

Perimeter Angle to Joists Joists to Girders
Joists to CMU Embeds Joists to Tilt Panel Embeds
Tilt Panels to Footings Tilt Panel to Panel Connections
Girders to Girder Seats Continuous Angle to Embeds
Columns to Baseplate Embeds Girders to Column Cap Plates
Joist to Joist Seats K - Bracing to Gusset Plates

Joists to Beams
Joist Seats to Tilt Panel Embeds
Outriggers to Joist and Embeds
Angle Braces at Joists
Horizontal/X-Bridging to Joist
Bridging Anchored/Welded at Ends

Deck Weld Pattern Observed:

Deck Type: 20 ga. G90 Weld Pattern: N/A
Deck to Joists Deck to Chord Angle
Deck to Outriggers Deck Fastening

Fasteners per Span: 4ea. No. 10 Tek
Weld Washers: Yes No
Deck Fastening Pattern: 36/7 No.12 Tek

Reference Gridlines/Buildings: Inspection of roof deck area at gridlines 1to2@D-F was performed. Inspection of fastening at 36/7 pattern to intermediates was performed. Inspection of 4 each No. 10 Tek screws used at side laps equally spaced between spans was performed. Fastening was acceptable to specs. Inspection of bridging welded to joists top chords and bottom chords and joists welded to cmu embeds was performed. Bridging was welded to anchor clips and anchored to cmu. Inspection of perimeter chord angle welded to joists was performed. Re-inspection of gridlines 2to13@C-H was performed. Bridging was welded and anchored at ends. Re-inspection of 3"x3"x1/4" perimeter chord deck angle and 2.5K1 outriggers welded to joists was performed. Re-inspection of perimeter chord deck angle was now anchored to cmu along all the perimeter. Re-inspection of columns welded to base plates was performed. Re-inspection of RTU 3"x3"x1/4" frame curbs were corrected by placing new angle to allow bearing and welding on joists top chords. Welds were now cleaned and all previous defects repaired. Re-inspection of A325 3/4" bolts at column to beam connections was performed. Previous missing bolts at column connection were installed. Bolt inspection was acceptable. Welds inspected were acceptable to visual inspection acceptance criteria as set forth by AWS D1.1 Structural Welding Code - Steel and specified WPS.

Comments: This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations, unless specified or RFI approved.

Applicable Code, Standards: AWS D1.1 , 2010 AWS D1.3 , 2008 API 1104 ASME Section IX

Reference Section: Section 6 Table 6.1 Visual Acceptance Criteria and Section 5.30 Weld Cleaning

Inspected By: **Raul L. Robles, CWI, CWE**

AWS Certified Welding Inspector

Credential Verification:

Call American Welding Society at
1-800-443-9353, ext. 470

for Affiliate Company Member, ext. 260



Acceptable

Unacceptable

R048

Rick Gil

From: Rene Salinas [gas107@aol.com]
Sent: Friday, February 15, 2013 8:21 AM
To: Rick Gil
Subject: Constable's Office Precinct No. 1

A Re-Inspection is needed today for the welding at the above referenced project.
Thank You

Rene Salinas, President
G.A.S. Enterprises, Inc.
PO Box 309, Elsa, Texas 78543
(956) 262-7106 Fax: (956) 262-7107
Cellular: (956) 239-3592