

CONSULTANTS * ENVIRONMENTAL * FACILITIES * INFRASTRUCTURE

BILLING DATE :
11/11/2021

PROJECT :
AMD2105500
Hidalgo County Pct. 4 - New Justice

CLIENT :
A11563 Hidalgo County Precinct 4



ACH INSTRUCTIONS for RABA KISTNER, Inc.
Bank: JP Morgan Chase Bank, NA
ABA: 111000614 (domestic)
ACCOUNT: 1821317326
EMAIL: ar@rkci.com

Commissioner Ellie Torres
Hidalgo County Precinct 4
1051 N. Doolittle Rd.
Edinburg, TX 78539

REMITTANCE ADDRESS:
RABA KISTNER, INC.
P.O. BOX 971037
DALLAS, TX 75397-1037

PHONE (210) 699-9090

CONSULTING SERVICES

INVOICE SUMMARY INFORMATION

Center - Edinburg, Hidalgo County, Texas
Project Administration 10% - RKCI Proposal No. PMD21-109-00
RETMC - Purchase Order No. 838621

FOR PROFESSIONAL SERVICES RENDERED THROUGH: 10/29/2021

SERVICE DATE	10/06/2021	701.75
SERVICE DATE	10/11/2021	165.00
SERVICE DATE	10/13/2021	261.00
SERVICE DATE	10/15/2021	589.75
SERVICE DATE	10/19/2021	685.75
SERVICE DATE	10/21/2021	261.00
SERVICE DATE	10/29/2021	500.73

AMOUNT DUE THIS INVOICE ** 3,164.98

THIS IS AN INTERIM INVOICE UNLESS OTHERWISE NOTED

RK PROJECT MANAGER: EDWIN MANRIQUE
CLIENT PHONE: 956-383-3112

PROJECT ACCOUNTS RECEIVABLE SUMMARY

Amount Due This Invoice	\$ 3,164.98
Total of Previous Invoices - Currently Unpaid	<u>0.00</u>
Total Due And Payable	\$ 3,164.98

BILLING DATE : 11/11/2021
PROJECT : AMD2105500 A11563
 Hidalgo County Pct. 4 - New Justice
 Hidalgo County Precinct 4

SALARY / EXPENSE DETAILED BACKUP

DESCRIPTION	REMARKS	QUANTITY	RATE	AMOUNT
10/06/2021				
CMT FIELD & LABORATORY TESTING				
SAMPLING TIME	M21-012906	4.00	56.000	224.00
CMT FIELD & LABORATORY TESTING				
MOISTURE DENSITY	M21-012906	1.00	263.500	263.50
RELATIONSHIP				
CMT FIELD & LABORATORY TESTING				
ATTERBERG LIMIT	M21-012906	1.00	96.250	96.25
CMT FIELD & LABORATORY TESTING				
SIEVE ANALYSIS 200	M21-012906	1.00	65.000	65.00
ONLY				
CMT FIELD & LABORATORY TESTING				
VEHICLE TRAVEL	M21-012906	1.00	53.000	53.00
CHARGE				
			SUBTOTAL	701.75
10/11/2021				
CMT FIELD & LABORATORY TESTING				
PROOF ROLLING	M21-012947	2.00	56.000	112.00
OBSERVATION				
CMT FIELD & LABORATORY TESTING				
VEHICLE TRAVEL	M21-012947	1.00	53.000	53.00
CHARGE				
			SUBTOTAL	165.00
10/13/2021				
CMT FIELD & LABORATORY TESTING				
PROOF ROLLING	M21-012985	2.00	56.000	112.00
OBSERVATION				
CMT FIELD & LABORATORY TESTING				
VEHICLE TRAVEL	M21-012985	1.00	53.000	53.00
CHARGE				
CMT FIELD & LABORATORY TESTING				
FIELD DENSITY	M21-012986	4.00	24.000	96.00
TEST-BUILDING PAD				
			SUBTOTAL	261.00
10/15/2021				
CMT FIELD & LABORATORY TESTING				
MOISTURE DENSITY	M21-013006	1.00	263.500	263.50
RELATIONSHIP				
CMT FIELD & LABORATORY TESTING				
ATTERBERG LIMIT	M21-013006	1.00	96.250	96.25
CMT FIELD & LABORATORY TESTING				
SIEVE ANALYSIS 200	M21-013006	1.00	65.000	65.00
ONLY				
CMT FIELD & LABORATORY TESTING				
SAMPLING TIME	M21-013006	2.00	56.000	112.00
CMT FIELD & LABORATORY TESTING				
VEHICLE TRAVEL	M21-013006	1.00	53.000	53.00
CHARGE				

* Invoices are submitted monthly and are due on receipt. * Carrying charges may be assessed on invoices unpaid beyond 30 days from billing date.

BILLING DATE : 11/11/2021
PROJECT : AMD2105500 A11563
 Hidalgo County Pct. 4 - New Justice
 Hidalgo County Precinct 4

SALARY / EXPENSE DETAILED BACKUP

DESCRIPTION	REMARKS	QUANTITY	RATE	AMOUNT
			SUBTOTAL	589.75
10/19/2021				
CMT FIELD & LABORATORY TESTING				
MOISTURE DENSITY	M21-013041	1.00	263.500	263.50
RELATIONSHIP				
CMT FIELD & LABORATORY TESTING				
ATTERBERG LIMIT	M21-013041	1.00	96.250	96.25
CMT FIELD & LABORATORY TESTING				
SIEVE ANALYSIS 200 ONLY	M21-013041	1.00	65.000	65.00
CMT FIELD & LABORATORY TESTING				
VEHICLE TRAVEL CHARGE	M21-013041	1.00	53.000	53.00
CMT FIELD & LABORATORY TESTING				
SAMPLING TIME	M21-013041	2.00	56.000	112.00
CMT FIELD & LABORATORY TESTING				
FIELD DENSITY	M21-013042	4.00	24.000	96.00
TEST-BUILDING PAD				
			SUBTOTAL	685.75
10/21/2021				
CMT FIELD & LABORATORY TESTING				
FIELD DENSITY	M21-013061	4.00	24.000	96.00
TEST-BUILDING PAD				
CMT FIELD & LABORATORY TESTING				
TECH TIME-DENSITY	M21-013061	2.00	56.000	112.00
TESTING-BUILDING PAD				
CMT FIELD & LABORATORY TESTING				
VEHICLE TRAVEL CHARGE	M21-013061	1.00	53.000	53.00
			SUBTOTAL	261.00
10/29/2021				
CMT FIELD & LABORATORY TESTING				
FIELD DENSITY	M21-013142	2.00	24.000	48.00
TEST-BUILDING PAD				
CMT FIELD & LABORATORY TESTING				
VEHICLE TRAVEL CHARGE	M21-013142	1.00	53.000	53.00
CMT FIELD & LABORATORY TESTING				
TECH TIME-DENSITY	M21-013142	2.00	56.000	112.00
TESTING-BUILDING PAD				
CMT FIELD & LABORATORY TESTING				
TECHNICAL REVIEW & ADMIN	10%	287.73	1.000	287.73
			SUBTOTAL	500.73
** TOTAL PROJECT AMD2105500				3,164.98

* Invoices are submitted monthly and are due on receipt. * Carrying charges may be assessed on invoices unpaid beyond 30 days from billing date.

LABORATORY TESTING REPORT



Moisture-Density Relationship, Atterberg Limits, and Minus No. 200 Determination

Raba Kistner Consultants Inc.
800 East Hackberry
McAllen, Texas 78501
(956) 682-5332 • FAX(956) 682-5487
www.rkci.com
TBPE Firm F-3257

ATTN.: ELLIE TORRES, COMMISSIONER
TO: **HIDALGO COUNTY PRECINCT 4**
1051 N. DOOLITTLE RD.
EDINBURG, TX 78539

PROJECT NO.: AMD21-055-00
SAMPLE DATE: 10/06/2021
ASSIGNMENT NO.: M21-012906
REPORT VERSION: A
SHEET NUMBER: 1 of 1
TECHNICIAN: ROGELIO DELGADO

PROJECT: Hidalgo County Pct. 4 - New Justice Center - Edinburg, Hidalgo County, Texas

A sample of the following material was obtained by RKCI for laboratory testing : Light Brown Silty, Clayey Sand (Prepared Subgrade Material). This material was obtained from the following location: Composite sample within the Building Pad Area.

This material was obtained from The Project Site and is intended for use as Prepared Subgrade Material.

On the basis of the testing conducted and in general accordance with ASTM D 2487: Unified Soil Classification System, the material is classified as SC-SM

Moisture-Density Relationship Test, ASTM D 698 Method A	
Maximum Dry Density, (pcf)	116.9
Optimum Moisture Content, (%)	12.0

The Proctor curve is available upon request. Tested By: OSCAR CRUZ

Finer Than No. 200 Sieve Determination, ASTM D 1140	
Finer Than No. 200 Sieve, (%)	24.2

Tested By: ROMMEL PINERA JR

Atterberg Limits, ASTM D 4318 Method B	
Average Liquid Limit	22
Average Plastic Limit	15
Average Plasticity Index	7

Tested By: JUAN FERNANDEZ

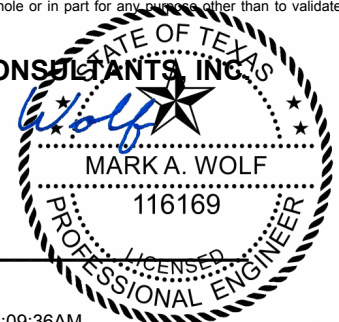
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Updated By: EFM 10/20/2021 11:09:34AM

RABA KISTNER CONSULTANTS, INC.

Mark Wolf



BY: _____
10/20/2021

Reviewed By: EFM 10/20/2021 11:09:36AM



OBSERVATION REPORT

Proof Rolling



Raba Kistner Consultants Inc.
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TBPE Firm F-3257

ATTN.: ELLIE TORRES, COMMISSIONER
TO: **HIDALGO COUNTY PRECINCT 4**
1051 N. DOOLITTLE RD.
EDINBURG, TX 78539

PROJECT NO.: AMD21-055-00
DATE OF OBSERVATION: 10/11/2021
ASSIGNMENT NO.: M21-012947
SHEET NUMBER: 1 of 1
REPORT VERSION: A
TECHNICIAN: LUIS GARCIA

PROJECT: Hidalgo County Pct. 4 - New Justice Center - Edinburg, Hidalgo County, Texas

11:00 am Arrived at Project Site

On this date, a member of our technical staff observed proof rolling operations at the following location: **Prepared Subgrade for the Building Pad for Precinct 4 - New Justice Center.**

Prior to proof rolling, the area was stripped of vegetation and moisture conditioned. A Ford F-750 Water Truck was utilized for proof rolling operations. Visual signs of weakness, pumping, or heaving were noted following 6 passes over the area that was observed.

Remarks: Mr. Simon Alonzo with ECON was notified of observations.

12:00 pm Departed Project Site

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Updated By: EFM 10/28/2021 10:04:46AM

RABA KISTNER CONSULTANTS, INC.

Mark Wolf

BY: _____
10/28/2021



Reviewed By: EFM 10/28/2021 10:04:49AM

OBSERVATION REPORT

Proof Rolling



Raba Kistner Consultants Inc.
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McAllen, Texas 78501
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ATTN.: ELLIE TORRES, COMMISSIONER
TO: **HIDALGO COUNTY PRECINCT 4**
1051 N. DOOLITTLE RD.
EDINBURG, TX 78539

PROJECT NO.: AMD21-055-00
DATE OF OBSERVATION: 10/13/2021
ASSIGNMENT NO.: M21-012985
SHEET NUMBER: 1 of 1
REPORT VERSION: A
TECHNICIAN: ALEJANDRO HERNANDEZ

PROJECT: Hidalgo County Pct. 4 - New Justice Center - Edinburg, Hidalgo County, Texas

10:00 am Arrived at Project Site

On this date, a member of our technical staff observed proof rolling operations at the following location: **Prepared subgrade for the New Justice Center - Building Pad.**

Prior to proof rolling, the area was stripped of vegetation and moisture conditioned. A fully loaded 2011 GMC 2000 gallon water truck was utilized for proof rolling operations. Visual signs of weakness, pumping, or heaving were not noted following 7 passes over the area that was observed.

Remarks: Mr. Simon Alonzo with ECON was notified of all test results.

11:00 am Departed Project Site

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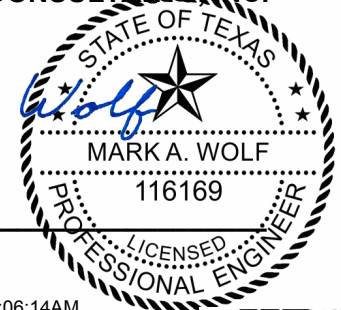
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Updated By: EFM 10/28/2021 10:06:12AM

RABA KISTNER CONSULTANTS, INC.

BY: _____
10/28/2021

Reviewed By: EFM 10/28/2021 10:06:14AM



FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: ELLIE TORRES, COMMISSIONER
 TO: **HIDALGO COUNTY PRECINCT 4**
 1051 N. DOOLITTLE RD.
 EDINBURG, TX 78539

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 Raba Kistner Consultants Inc.
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 McAllen, Texas 78501
 (956) 682-5332 • FAX(956) 682-5487
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PROJECT: Hidalgo County Pct. 4 - New Justice Center - Edinburg, Hidalgo County, Texas

PROJECT NO.: AMD21-055-00
 DATE OF TEST: 10/13/2021
 ASSIGNMENT NO.: M21-012986
 REPORT VERSION: A
 SHEET NUMBER: 1 of 1
 TECHNICIAN: ALEJANDRO HERNANDEZ

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Building Pad</u>						
1	About 15' South and 60' West of NE Corner of Pad	1	P/S	12.2	117.4	100.4	Yes
2	About 15' North and 60' West of SE Corner of Pad	1	P/S	14.0	116.0	99.2	Yes
3	About 15' North and 60' East of SW Corner of Pad	1	P/S	12.0	117.3	100.3	Yes
4	About 15' South and 60' East of NW Corner of Pad	1	P/S	12.6	116.5	99.7	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Light Brown Silty, Clayey Sand (Prepared Subgrade Material) (PI:7)	12.0	116.9	12-15	95	ASTM D 698 Method A

REFERENCE: P/S = Prepared Subgrade, Foundation Pad

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Mr. Simon Alonzo w

CONTRACTOR: ECON

GAUGE NUMBER: 11

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information is provided by contractor.

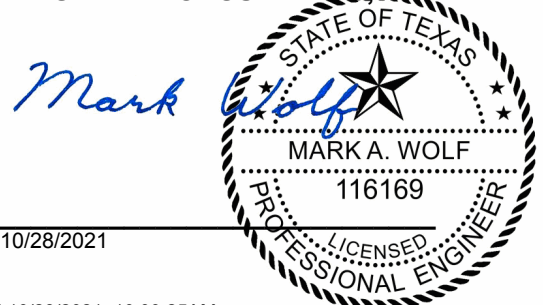
* - Indicates noncompliance with specifications. # - Indicates a RETEST

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- Pm3@econgroup.us (1)
- davidr@b2zeng.com (1)

RABA KISTNER CONSULTANTS, INC.



BY: _____
 10/28/2021

Updated By: EFM 10/28/2021 10:09:20AM

Reviewed By: EFM 10/28/2021 10:09:25AM



LABORATORY TESTING REPORT



Moisture-Density Relationship, Atterberg Limits, and Minus No. 200 Determination

Raba Kistner Consultants Inc.
800 East Hackberry
McAllen, Texas 78501
(956) 682-5332 • FAX(956) 682-5487
www.rkci.com
TBPE Firm F-3257

ATTN.: ELLIE TORRES, COMMISSIONER
TO: **HIDALGO COUNTY PRECINCT 4**
1051 N. DOOLITTLE RD.
EDINBURG, TX 78539

PROJECT NO.: AMD21-055-00
SAMPLE DATE: 10/15/2021
ASSIGNMENT NO.: M21-013006
REPORT VERSION: A
SHEET NUMBER: 1 of 1
TECHNICIAN: ALEJANDRO HERNANDEZ

PROJECT: Hidalgo County Pct. 4 - New Justice Center - Edinburg, Hidalgo County, Texas

A sample of the following material was obtained by RKCI for laboratory testing : Light Brown Clayey Sand (Select Fill Material). This material was obtained from the following location: Composite sample within the Building Pad Area.

This material was obtained from EMI Pit and is intended for use as Select Fill Material in the following area: Building Pad Area.

On the basis of the testing conducted and in general accordance with ASTM D 2487: Unified Soil Classification System, the material is classified as SC

Moisture-Density Relationship Test, ASTM D 698 Method A	
Maximum Dry Density, (pcf)	115.6
Optimum Moisture Content, (%)	13.6

The Proctor curve is available upon request. Tested By: OSCAR CRUZ

Finer Than No. 200 Sieve Determination, ASTM D 1140	
Finer Than No. 200 Sieve, (%)	47.7

Tested By: JUAN FERNANDEZ

Atterberg Limits, ASTM D 4318 Method B		Specification Limits	
Average Liquid Limit	27	Max.: 40	
Average Plastic Limit	16		
Average Plasticity Index	11	Min.: 8	Max.: 20

Tested By: ROMMEL PINERA JR

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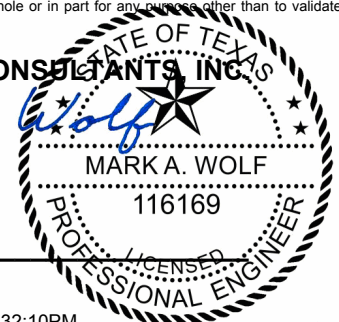
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Updated By: EFM 10/20/2021 3:32:06PM

RABA KISTNER CONSULTANTS, INC.

Mark Wolf



BY: _____
10/20/2021

Reviewed By: EFM 10/20/2021 3:32:10PM



LABORATORY TESTING REPORT

Moisture-Density Relationship, Atterberg Limits, and Minus No. 200 Determination



Raba Kistner Consultants Inc.
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McAllen, Texas 78501
(956) 682-5332 • FAX(956) 682-5487
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ATTN.: ELLIE TORRES, COMMISSIONER
TO: **HIDALGO COUNTY PRECINCT 4**
1051 N. DOOLITTLE RD.
EDINBURG, TX 78539

PROJECT NO.: AMD21-055-00
SAMPLE DATE: 10/19/2021
ASSIGNMENT NO.: M21-013041
REPORT VERSION: A
SHEET NUMBER: 1 of 1
TECHNICIAN: ALEJANDRO HERNANDEZ

PROJECT: Hidalgo County Pct. 4 - New Justice Center - Edinburg, Hidalgo County, Texas

A sample of the following material was obtained by RKCI for laboratory testing : Brown Sandy Lean Clay (Backfill Material). This material was obtained from the following location: Stockpile on site along the South portion of the Parking Area.

This material was obtained from The Project Site and is intended for use as Backfill Material in the following area: 8" Diameter PVC Water Main.

On the basis of the testing conducted and in general accordance with ASTM D 2487: Unified Soil Classification System, the material is classified as CL

Moisture-Density Relationship Test, ASTM D 698 Method A	
Maximum Dry Density, (pcf)	107.2
Optimum Moisture Content, (%)	18.0

The Proctor curve is available upon request. Tested By: OSCAR CRUZ

Finer Than No. 200 Sieve Determination, ASTM D 1140	
Finer Than No. 200 Sieve, (%)	62.0

Tested By: JUAN FERNANDEZ

Atterberg Limits, ASTM D 4318 Method B	
Average Liquid Limit	29
Average Plastic Limit	17
Average Plasticity Index	12

Tested By: ROMMEL PINERA JR

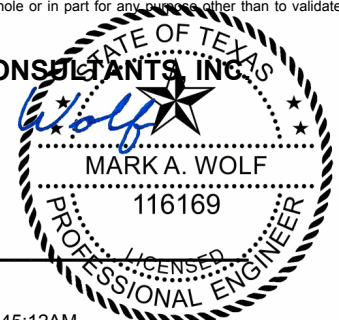
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- Nick.perez@co.hidalgo.tx.us (1)
- Pm3@econgroup.us (1)
- genriquez@econgroup.us (1)

RABA KISTNER CONSULTANTS, INC.

Mark Wolf



BY: _____
10/27/2021

Updated By: EFM 10/26/2021 9:45:10AM

Reviewed By: EFM 10/26/2021 9:45:12AM



FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: ELLIE TORRES, COMMISSIONER
 TO: **HIDALGO COUNTY PRECINCT 4**
 1051 N. DOOLITTLE RD.
 EDINBURG, TX 78539

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 www.rkci.com
 TBPE Firm F-3257

PROJECT NO.: AMD21-055-00
 DATE OF TEST: 10/19/2021
 ASSIGNMENT NO.: M21-013042
 REPORT VERSION: A
 SHEET NUMBER: 1 of 1
 TECHNICIAN: ALEJANDRO HERNANDEZ

PROJECT: Hidalgo County Pct. 4 - New Justice Center - Edinburg, Hidalgo County, Texas

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Building Pad</u>						
1	About 25' S and 25' W of NE Corner of Pad	2	1st	14.2	113.8	98.4	Yes
2	About 135' N and 75' W of SE Corner of Pad	2	1st	14.4	113.9	98.5	Yes
3	About 32' N and 55' E of SW Corner of Pad	2	1st	14.8	115.2	99.7	Yes
4	About 15' N and 25' E of SW Corner of Pad	2	1st	14.4	115.8	100.2	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Light Brown Clayey Sand (Select Fill Material) (PI:11)	13.6	115.6	11.6-15.6	98	ASTM D 698 Method A

REFERENCE: FOUNDATION PAD - SELECT FILL

FIELD TEST PROCEDURE: ASTM D 6938 **PERSON NOTIFIED:** Mr. Simon Alvarez **CONTRACTOR:** ECON
GAUGE NUMBER: M-1022 /30525 **GAUGE MODEL:** 3430 **GAUGE MAKE:** Troxler **TEST MODE:** Method A

REMARKS: Lift information is provided by contractor.

* - Indicates noncompliance with specifications. # - Indicates a RETEST

NOTICE: Raba Kistner Consultants, Inc. considers the data and information contained in this report to be proprietary. This information is intended only for the use of the recipient(s) named herein. Test results presented herein relate only to those items tested. This document and any information contained herein shall not be disclosed or used in whole or in part for any purpose other than to validate test results without written approval from Raba Kistner Consultants, Inc.

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RABA KISTNER CONSULTANTS, INC.

Mark Wolf



BY: _____
 10/22/2021

Updated By: EFM 10/22/2021 9:23:57AM

Reviewed By: EFM 10/22/2021 9:24:24AM



FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: ELLIE TORRES, COMMISSIONER
 TO: **HIDALGO COUNTY PRECINCT 4**
 1051 N. DOOLITTLE RD.
 EDINBURG, TX 78539

RABA KISTNER
 Raba Kistner Consultants Inc.
 800 East Hackberry
 McAllen, Texas 78501
 (956) 682-5332 • FAX(956) 682-5487
 www.rkci.com
 TBPE Firm F-3257

PROJECT: Hidalgo County Pct. 4 - New Justice Center - Edinburg, Hidalgo County, Texas

PROJECT NO.: AMD21-055-00
 DATE OF TEST: 10/21/2021
 ASSIGNMENT NO.: M21-013061
 REPORT VERSION: A
 SHEET NUMBER: 1 of 1
 TECHNICIAN: ALEJANDRO HERNANDEZ

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Building Pad</u>						
1	About 25' S and 25' W of NE Corner of Pad	2	2nd	14.5	113.7	98.4	Yes
2	About 25' S and 30' E of NW Corner of Pad	2	2nd	14.6	114.1	98.7	Yes
3	About 25' N and 30' E of SW Corner of Pad	2	2nd	14.2	114.7	99.2	Yes
4	About 25' N and 25' W of SE Corner of Pad	2	2nd	14.4	114.2	98.8	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Light Brown Clayey Sand (Select Fill Material) (PI:11)	13.6	115.6	11.6-15.6	98	ASTM D 698 Method A

REFERENCE: FOUNDATION PAD - SELECT FILL

FIELD TEST PROCEDURE: ASTM D 6938 **PERSON NOTIFIED:** Mr. Simon Alonzo **CONTRACTOR:** ECON
GAUGE NUMBER: M-1022 /30525 **GAUGE MODEL:** 3430 **GAUGE MAKE:** Troxler **TEST MODE:** Method A

REMARKS: Lift information is provided by contractor.

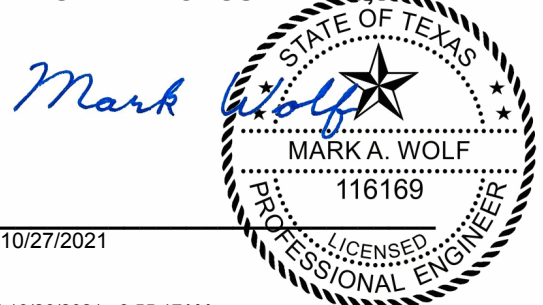
* - Indicates noncompliance with specifications. # - Indicates a RETEST

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RABA KISTNER CONSULTANTS, INC.



BY: _____
 10/27/2021



Updated By: EFM 10/26/2021 8:55:14AM

Reviewed By: EFM 10/26/2021 8:55:17AM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: ELLIE TORRES, COMMISSIONER
 TO: **HIDALGO COUNTY PRECINCT 4**
 1051 N. DOOLITTLE RD.
 EDINBURG, TX 78539

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 TBPE Firm F-3257

PROJECT: Hidalgo County Pct. 4 - New Justice Center - Edinburg, Hidalgo County, Texas

PROJECT NO.: AMD21-055-00
 DATE OF TEST: 10/29/2021
 ASSIGNMENT NO.: M21-013142
 REPORT VERSION: A
 SHEET NUMBER: 1 of 1
 TECHNICIAN: ALEJANDRO HERNANDEZ

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Building Pad</u>						
1	About 5' S and 10' W of NE Corner of Pad	1	P/S	13.0	115.7	99.0	Yes
2	About 15' S and 7' W of NE Corner of Pad	1	P/S	12.2	115.4	98.7	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Light Brown Silty, Clayey Sand (Prepared Subgrade Material) (PI:7)	12.0	116.9	12-15	95	ASTM D 698 Method A

REFERENCE: FOUNDATION PAD - PREPARED SUBGRADE

FIELD TEST PROCEDURE: ASTM D 6938 **PERSON NOTIFIED:** Mr. Simon Alonso **CONTRACTOR:** ECON
GAUGE NUMBER: M-1022 /30525 **GAUGE MODEL:** 3411 **GAUGE MAKE:** Troxler **TEST MODE:** Method A

REMARKS: Lift information is provided by contractor.

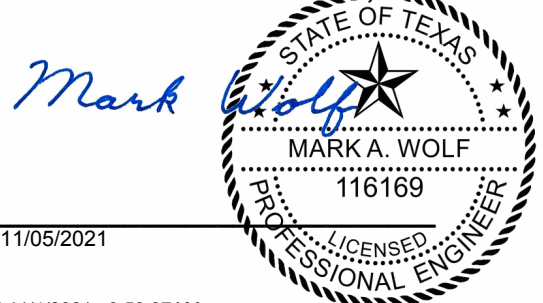
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RABA KISTNER CONSULTANTS, INC.



BY: _____
 11/05/2021



Updated By: EFM 11/4/2021 9:53:34AM

Reviewed By: EFM 11/4/2021 9:53:37AM

