

CONSULTANTS * ENVIRONMENTAL * FACILITIES * INFRASTRUCTURE

BILLING DATE :
6/17/2021

PROJECT :
AMD2102000
Hidalgo County Health Forensic

CLIENT :
A10126 Hidalgo County



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

Hector Garcia
Hidalgo County
Purchasing Department
2802 S. Business Hwy 281
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 Generator, X-Ray and Renovations - Edinburg, Hidalgo County,
Texas
Project Administration 10% - RKCI Proposal No. PMD21-047-01
RETMC
Purchase Order No. 831939

FOR PROFESSIONAL SERVICES RENDERED THROUGH: 5/29/2021

SERVICE DATE	04/27/2021	333.00
SERVICE DATE	04/28/2021	289.50
SERVICE DATE	04/29/2021	137.00
SERVICE DATE	05/03/2021	248.00
SERVICE DATE	05/04/2021	123.00
SERVICE DATE	05/05/2021	289.50
SERVICE DATE	05/06/2021	137.00
SERVICE DATE	05/10/2021	279.00
SERVICE DATE	05/11/2021	123.00
SERVICE DATE	05/12/2021	289.50
SERVICE DATE	05/13/2021	137.00
SERVICE DATE	05/14/2021	289.50
SERVICE DATE	05/15/2021	179.00
SERVICE DATE	05/29/2021	285.40

AMOUNT DUE THIS INVOICE **

3,139.40

THIS IS AN INTERIM INVOICE UNLESS OTHERWISE NOTED

BILLING DATE :
6/17/2021

PROJECT :
AMD2102000 A10126
Hidalgo County Health Forensic
Hidalgo County

RK PROJECT MANAGER: EDWIN MANRIQUE
CLIENT PHONE: 956-318-2626

PROJECT ACCOUNTS RECEIVABLE SUMMARY

Amount Due This Invoice	\$ 3,139.40
Total of Previous Invoices - Currently Unpaid	<u>0.00</u>
Total Due And Payable	\$ 3,139.40

BILLING DATE : 6/17/2021
PROJECT : AMD2102000 A10126
 Hidalgo County Health Forensic
 Hidalgo County

SALARY / EXPENSE DETAILED BACKUP

DESCRIPTION	REMARKS	QUANTITY	RATE	AMOUNT
04/27/2021				
CMT FIELD & LABORATORY TESTING				
SAMPLING TIME	M21-011115	5.00	56.000	280.00
CMT FIELD & LABORATORY TESTING				
VEHICLE TRAVEL	M21-011115	1.00	53.000	53.00
CHARGE				
			SUBTOTAL	333.00
04/28/2021				
CMT FIELD & LABORATORY TESTING				
MORTAR/GROUT COMPR	M21-011127	6.00	20.750	124.50
STR TESTS				
CMT FIELD & LABORATORY TESTING				
TECH TIME-CONCRETE	M21-011127	2.00	56.000	112.00
TESTING				
CMT FIELD & LABORATORY TESTING				
VEHICLE TRAVEL	M21-011127	1.00	53.000	53.00
CHARGE				
			SUBTOTAL	289.50
04/29/2021				
CMT FIELD & LABORATORY TESTING				
VEHICLE TRAVEL	M21-011127	1.00	53.000	53.00
CHARGE				
CMT FIELD & LABORATORY TESTING				
TECH TIME CASTING	M21-011127	1.50	56.000	84.00
PICK UP SPEC				
			SUBTOTAL	137.00
05/03/2021				
CMT FIELD & LABORATORY TESTING				
VEHICLE TRAVEL	M21-011171	1.00	53.000	53.00
CHARGE				
CMT FIELD & LABORATORY TESTING				
TECH TIME-CONCRETE	M21-011171	2.00	56.000	112.00
TESTING				
CMT FIELD & LABORATORY TESTING				
MORTAR/GROUT COMPR	M21-011171	4.00	20.750	83.00
STR TESTS				
			SUBTOTAL	248.00
05/04/2021				
CMT FIELD & LABORATORY TESTING				
VEHICLE TRAVEL	M21-011171	1.00	53.000	53.00
CHARGE				
CMT FIELD & LABORATORY TESTING				
TECH TIME CASTING	M21-011171	1.25	56.000	70.00
PICK UP SPEC				
			SUBTOTAL	123.00
05/05/2021				

* Invoices are submitted monthly and are due on receipt. * Carrying charges may be assessed on invoices unpaid beyond 30 days from billing date.
 AP Jun-21 **PLEASE PAY FROM THIS INVOICE.**

BILLING DATE : 6/17/2021
PROJECT : AMD2102000 A10126
 Hidalgo County Health Forensic
 Hidalgo County

SALARY / EXPENSE DETAILED BACKUP

DESCRIPTION	REMARKS	QUANTITY	RATE	AMOUNT
CMT FIELD & LABORATORY TESTING MORTAR/GROUT COMPR STR TESTS	M21-011199	6.00	20.750	124.50
CMT FIELD & LABORATORY TESTING VEHICLE TRAVEL CHARGE	M21-011199	1.00	53.000	53.00
CMT FIELD & LABORATORY TESTING TECH TIME-CONCRETE TESTING	M21-011199	2.00	56.000	112.00
SUBTOTAL				289.50
05/06/2021				
CMT FIELD & LABORATORY TESTING VEHICLE TRAVEL CHARGE	M21-011199	1.00	53.000	53.00
CMT FIELD & LABORATORY TESTING TECH TIME CASTING PICK UP SPEC	M21-011199	1.50	56.000	84.00
SUBTOTAL				137.00
05/10/2021				
CMT FIELD & LABORATORY TESTING MORTAR/GROUT COMPR STR TESTS	M21-011239	4.00	20.750	83.00
CMT FIELD & LABORATORY TESTING MASONRY OBSERVATION	M21-011254	2.00	71.500	143.00
CMT FIELD & LABORATORY TESTING VEHICLE TRAVEL CHARGE	M21-011254	1.00	53.000	53.00
SUBTOTAL				279.00
05/11/2021				
CMT FIELD & LABORATORY TESTING VEHICLE TRAVEL CHARGE	M21-011239	1.00	53.000	53.00
CMT FIELD & LABORATORY TESTING TECH TIME CASTING PICK UP SPEC	M21-011239	1.25	56.000	70.00
SUBTOTAL				123.00
05/12/2021				
CMT FIELD & LABORATORY TESTING MORTAR/GROUT COMPR STR TESTS	M21-011278	6.00	20.750	124.50
CMT FIELD & LABORATORY TESTING VEHICLE TRAVEL CHARGE	M21-011278	1.00	53.000	53.00
CMT FIELD & LABORATORY TESTING TECH TIME-CONCRETE TESTING	M21-011278	2.00	56.000	112.00
SUBTOTAL				289.50

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BILLING DATE : 6/17/2021
PROJECT : AMD2102000 A10126
 Hidalgo County Health Forensic
 Hidalgo County

SALARY / EXPENSE DETAILED BACKUP

DESCRIPTION	REMARKS	QUANTITY	RATE	AMOUNT
05/13/2021				
CMT FIELD & LABORATORY TESTING				
VEHICLE TRAVEL	M21-011278	1.00	53.000	53.00
CHARGE				
CMT FIELD & LABORATORY TESTING				
TECH TIME CASTING	M21-011278	1.50	56.000	84.00
PICK UP SPEC				
			SUBTOTAL	137.00
05/14/2021				
CMT FIELD & LABORATORY TESTING				
MORTAR/GROUT COMPR	M21-011287	6.00	20.750	124.50
STR TESTS				
CMT FIELD & LABORATORY TESTING				
VEHICLE TRAVEL	M21-011287	1.00	53.000	53.00
CHARGE				
CMT FIELD & LABORATORY TESTING				
TECH TIME-CONCRETE	M21-011287	2.00	56.000	112.00
TESTING				
			SUBTOTAL	289.50
05/15/2021				
CMT FIELD & LABORATORY TESTING				
VEHICLE TRAVEL	M21-011287	1.00	53.000	53.00
CHARGE				
CMT FIELD & LABORATORY TESTING				
TECH-TIME OVERTIME	M21-011287	1.50	84.000	126.00
			SUBTOTAL	179.00
05/29/2021				
CMT FIELD & LABORATORY TESTING				
TECHNICAL REVIEW &	10%	285.40	1.000	285.40
ADMIN				
			SUBTOTAL	285.40
** TOTAL PROJECT AMD2102000				3,139.40

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 AP Jun-21 **PLEASE PAY FROM THIS INVOICE.**

OBSERVATION REPORT

Construction Operations



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.: HECTOR GARCIA, CONTRACT SPECIALIST III
TO: HIDALGO COUNTY
PURCHASING DEPARTMENT
2802 S. BUSINESS HWY 281
EDINBURG, TX 78539

PROJECT NO.: AMD21-020-00
DATE OF OBSERVATION: 04/27/2021
ASSIGNMENT NO.: M21-011115
SHEET NUMBER: 1 of 1
REPORT VERSION: A
TECHNICIAN: ROGELIO DELGADO

PROJECT: Hidalgo County Health Forensic Center Generator, X-Ray and Renovations - Edinburg, Hidalgo County, Texas

8:00 am Arrived at Project Site

On this date, a member of our technical staff arrived on-site to observe the Installation of Epoxy for dowels.

The following items were observed:

X-Ray Room 102

A total of 7 holes at approximately 5/8" diameter with a depth of 8" were drilled. Therefore, the drilled holes were cleaned with compressed air, removing all dust and debris.

A #5 dowel at a length of about 5' was installed using Epoxy Tie ET-22 Anchoring Adhesive.

Mr. Duane Guzman with Noble Texas Builders was notified about the field results.

The items observed on this date were in general accordance with the project documents.

12:00 pm Departed Project Site

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 and shall not be duplicated or used in whole or in part for any purpose other than to validate test results without written approval from Raba Kistner Consultants, Inc.

COPIES TO: Above (1)

RABA KISTNER CONSULTANTS, INC.

Mark Wolf



BY: _____
05/26/2021

LABORATORY TEST REPORT



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

Compressive Strength Test

ATTN.: HECTOR GARCIA, CONTRACT SPECIALIST III
TO: **HIDALGO COUNTY**
PURCHASING DEPARTMENT
2802 S. BUSINESS HWY 281
EDINBURG, TX 78539

PROJECT NO.: AMD21-020-00
CAST DATE: 04/28/2021
ASSIGNMENT NO.: M21-011127
REPORT VERSION: A
SHEET NUMBER: 1 of 1
TECHNICIAN: LUIS GARCIA

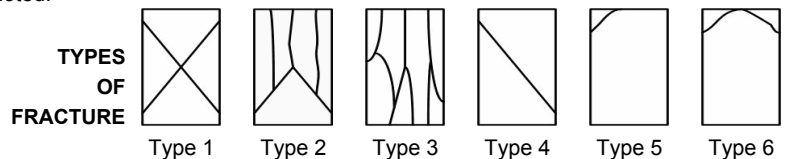
PROJECT: Hidalgo County Health Forensic Center Generator, X-Ray and Renovations - Edinburg, Hidalgo County, Texas

PLACEMENT LOCATION: CMU Block Wall for Interior Walls, Room 100, South Wall, About 4 Courses (32" Above Finished Floor)

SET INDEX:	Set 1 of 1								
SUPPLIER:	On-Site	BATCH TIME:	10:05 a.m.	AIR CONTENT (%):	NA				
TRUCK NO:	NA	SAMPLE TIME:	10:09 a.m.	UNIT WEIGHT (pcf):	ND				
TICKET NO:	NA	SAMPLE TEMP. (°F):	79	FIELD CURED (day):	1				
SAMPLED AT (cu yds):	1	AMBIENT TEMP. (°F):	83	SAMPLE TYPE:	Mortar Cube				
DESIGN STR.(psi):	750	SLUMP (in.):	NA	SAMPLE SIZE(in.):	2 x 2				
PRODUCT NO.:	Type N	CLASS:	NA	WATER ADDED:	0				
PLANT NUMBER:	NA	RECEIVED DATE:							

SPECIMEN NUMBER	DATE OF TEST	AGE (days)	LOAD (lbs)	DIAMETER (in)	AREA (in. ²)	STRENGTH (psi)	PERCENT OF DESIGN	FRACTURE TYPE	TESTED BY
1	05/05/2021	7	14,720	NA	4.00	3,680	491	Type 3	R. Pinera
2	05/05/2021	7	14,300	NA	4.00	3,580	477	Type 3	R. Pinera
3	05/05/2021	7	15,250	NA	4.00	3,810	508	Type 3	R. Pinera
4	05/26/2021	28	19,950	NA	4.00	4,990	665	Type 3	R. Pinera
5	05/26/2021	28	19,850	NA	4.00	4,960	661	Type 3	R. Pinera
6	05/26/2021	28	19,160	NA	4.00	4,790	639	Type 3	R. Pinera

NOTE: Some information on this test report provided by others. Testing and reporting was conducted in general accordance with the following applicable A.S.T.M. references: C109, unless otherwise noted.



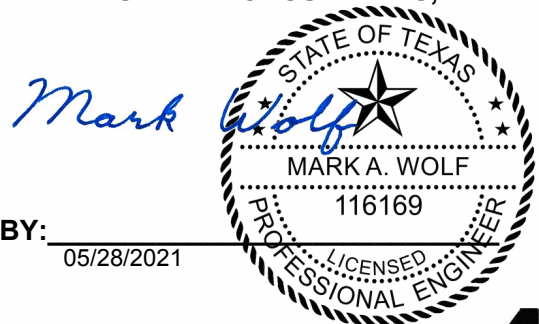
* - Indicates noncompliance with specifications.

REMARKS:Mr. Duane Guzman and Andres Rojas with Noble Texas Builders were notified of field test results. ND-Not Determined; NP-Not Provided; NA-Not Applicable.

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RABA KISTNER CONSULTANTS, INC.



Updated By: IG 5/28/2021 9:24:06AM



LABORATORY TEST REPORT



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

Compressive Strength Test

ATTN.: HECTOR GARCIA, CONTRACT SPECIALIST III
TO: **HIDALGO COUNTY**
PURCHASING DEPARTMENT
2802 S. BUSINESS HWY 281
EDINBURG, TX 78539

PROJECT NO.: AMD21-020-00
CAST DATE: 05/03/2021
ASSIGNMENT NO.: M21-011171
REPORT VERSION: A
SHEET NUMBER: 1 of 1
TECHNICIAN: VICTOR SALINAS III

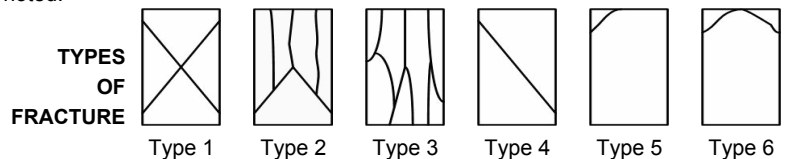
PROJECT: Hidalgo County Health Forensic Center Generator, X-Ray and Renovations - Edinburg, Hidalgo County, Texas

PLACEMENT LOCATION: X-Ray room, South wall section, 4' of off finished floor

SET INDEX: Set 1 of 1
SUPPLIER: Alamo Concrete BATCH TIME: 9:30 AM AIR CONTENT (%): NA
TRUCK NO: 7257 SAMPLE TIME: 10:15 AM UNIT WEIGHT (pcf): NA
TICKET NO: 1761208 SAMPLE TEMP. (°F): 81 FIELD CURED (day): 2
SAMPLED AT (cu yds): 2 AMBIENT TEMP. (°F): 85 SAMPLE TYPE: Grout Prism
DESIGN STR.(psi): 2,500 SLUMP (in.): 9.25 SAMPLE SIZE(in.): Variable
PRODUCT NO.: 813052230 CLASS: NA WATER ADDED: 0
PLANT NUMBER: 88 RECEIVED DATE:

SPECIMEN NUMBER	DATE OF TEST	AGE (days)	LOAD (lbs)	DIAMETER (in)	AREA (in. ²)	STRENGTH (psi)	PERCENT OF DESIGN	FRACTURE TYPE	TESTED BY
1	05/10/2021	7	17,450	NA	11.98	1,460	58	Type 3	R. Pinera
2	05/10/2021	7	18,390	NA	12.46	1,480	59	Type 3	R. Pinera
3	05/31/2021	28	25,690	NA	12.56	2,050	82	Type 3	R. Pinera
4	05/31/2021	28	27,610	NA	12.46	2,220	89	Type 3	R. Pinera

NOTE: Some information on this test report provided by others. Testing and reporting was conducted in general accordance with the following applicable A.S.T.M. references: C1019, unless otherwise noted.



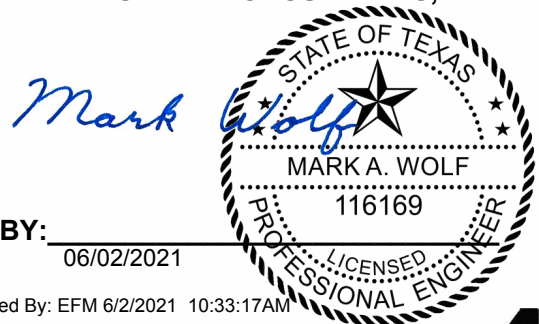
* - Indicates noncompliance with specifications.

REMARKS: The average of the 28 day compressive strength results did not achieve the 28 day design strength requirements. Mr. Duane Guzman with Noble Texas Builders was notified of field test results. ND-Not Determined; NP-Not Provided; NA-Not Applicable. Mr. Duane Guzman was verbally notified about the low 7-day breaks on 05/12/21. Mr. Duane Guzman was verbally notified about the non-conforming 28-day breaks on 06/02/21.

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RABA KISTNER CONSULTANTS, INC.



BY: Mark A. Wolf
06/02/2021



Updated By: EFM 6/2/2021 10:33:10AM

Reviewed By: EFM 6/2/2021 10:33:17AM



LABORATORY TEST REPORT



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

Compressive Strength Test

ATTN.: HECTOR GARCIA, CONTRACT SPECIALIST III
TO: **HIDALGO COUNTY**
PURCHASING DEPARTMENT
2802 S. BUSINESS HWY 281
EDINBURG, TX 78539

PROJECT NO.: AMD21-020-00
CAST DATE: 05/05/2021
ASSIGNMENT NO.: M21-011199
REPORT VERSION: A
SHEET NUMBER: 1 of 1
TECHNICIAN: VICTOR SALINAS III

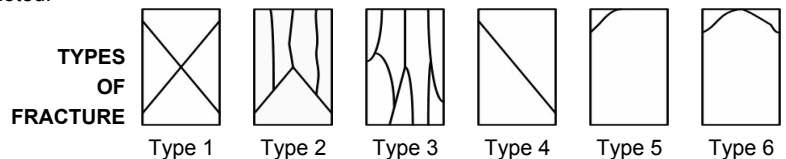
PROJECT: Hidalgo County Health Forensic Center Generator, X-Ray and Renovations - Edinburg, Hidalgo County, Texas

PLACEMENT LOCATION: X-Ray Room, South Wall Section (About 8'-0" from the Finished Floor)

SET INDEX: Set 1 of 1
SUPPLIER: Contractor BATCH TIME: 10:50 a.m. AIR CONTENT (%): NA
TRUCK NO: NA SAMPLE TIME: 11:00 a.m. UNIT WEIGHT (pcf): ND
TICKET NO: NA SAMPLE TEMP. (°F): 84 FIELD CURED (day): 1
SAMPLED AT (cu yds): 1 AMBIENT TEMP. (°F): 86 SAMPLE TYPE: Mortar Cube
DESIGN STR.(psi): 750 SLUMP (in.): NA SAMPLE SIZE(in.): 2 x 2
PRODUCT NO.: 750 CLASS: NA WATER ADDED: 0
PLANT NUMBER: NA RECEIVED DATE:

SPECIMEN NUMBER	DATE OF TEST	AGE (days)	LOAD (lbs)	DIAMETER (in)	AREA (in. ²)	STRENGTH (psi)	PERCENT OF DESIGN	FRACTURE TYPE	TESTED BY
1	05/12/2021	7	11,940	NA	4.00	2,990	399	Type 3	R. Pinera
2	05/12/2021	7	10,110	NA	4.00	2,530	337	Type 3	R. Pinera
3	05/12/2021	7	12,100	NA	4.00	3,030	404	Type 3	R. Pinera
4	06/02/2021	28	19,560	NA	4.00	4,890	652	Type 3	R. Pinera
5	06/02/2021	28	18,650	NA	4.00	4,660	621	Type 3	R. Pinera
6	06/02/2021	28	17,650	NA	4.00	4,410	588	Type 3	R. Pinera

NOTE: Some information on this test report provided by others. Testing and reporting was conducted in general accordance with the following applicable A.S.T.M. references: C109, unless otherwise noted.



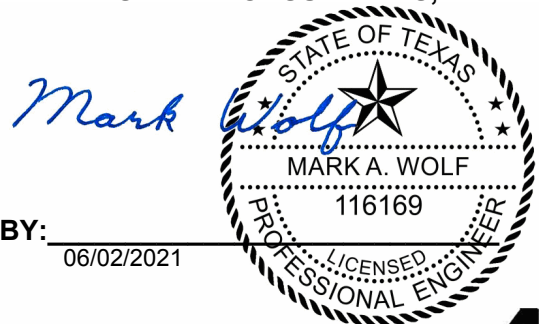
* - Indicates noncompliance with specifications.

REMARKS: Mr. Duane Guzman with Noble Texas Builders was notified of field test results. ND-Not Determined; NP-Not Provided; NA-Not Applicable.

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RABA KISTNER CONSULTANTS, INC.



Updated By: IG 6/2/2021 2:27:37PM



LABORATORY TEST REPORT



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

Compressive Strength Test

ATTN.: HECTOR GARCIA, CONTRACT SPECIALIST III
TO: **HIDALGO COUNTY**
PURCHASING DEPARTMENT
2802 S. BUSINESS HWY 281
EDINBURG, TX 78539

PROJECT NO.: AMD21-020-00
CAST DATE: 05/10/2021
ASSIGNMENT NO.: M21-011239
REPORT VERSION: A
SHEET NUMBER: 1 of 1
TECHNICIAN: LUIS GARCIA

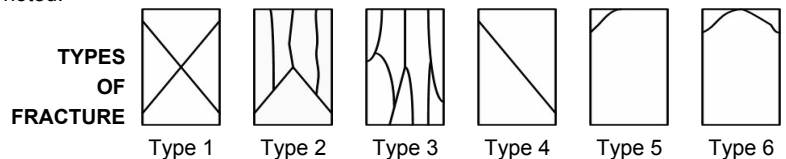
PROJECT: Hidalgo County Health Forensic Center Generator, X-Ray and Renovations - Edinburg, Hidalgo County, Texas

PLACEMENT LOCATION: South Wall of X-Ray Room No.: 102, About 14 Courses (9'-4" Above Finished Floor)

SET INDEX: Set 1 of 1
SUPPLIER: Alamo Concrete BATCH TIME: 2:07 p.m. AIR CONTENT (%): NA
TRUCK NO: 7272 SAMPLE TIME: 2:45 p.m. UNIT WEIGHT (pcf): ND
TICKET NO: 1767684 SAMPLE TEMP. (°F): 88 FIELD CURED (day): 2
SAMPLED AT (cu yds): 2 AMBIENT TEMP. (°F): 91 SAMPLE TYPE: Grout Prism
DESIGN STR.(psi): 3,000 SLUMP (in.): 8.50 SAMPLE SIZE(in.): Variable
PRODUCT NO.: 813052230 CLASS: NA WATER ADDED: 0
PLANT NUMBER: 88 RECEIVED DATE:

SPECIMEN NUMBER	DATE OF TEST	AGE (days)	LOAD (lbs)	DIAMETER (in)	AREA (in. ²)	STRENGTH (psi)	PERCENT OF DESIGN	FRACTURE TYPE	TESTED BY
1	05/17/2021	7	40,340	NA	11.86	3,400	113	Type 3	R. Pinera
2	05/17/2021	7	43,800	NA	12.01	3,650	122	Type 3	R. Pinera
3	06/07/2021	28	51,250	NA	11.94	4,290	143	Type 3	R. Pinera
4	06/07/2021	28	49,590	NA	11.86	4,180	139	Type 3	R. Pinera

NOTE: Some information on this test report provided by others. Testing and reporting was conducted in general accordance with the following applicable A.S.T.M. references: C1019, unless otherwise noted.



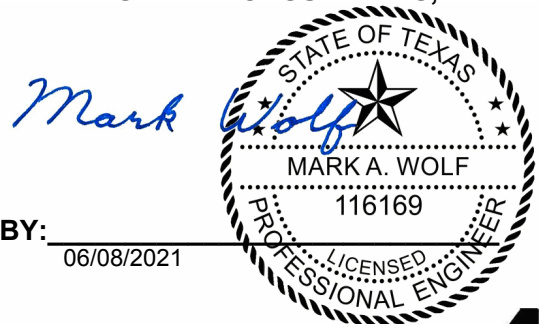
* - Indicates noncompliance with specifications.

REMARKS:Mr. Andres Rojas with Noble Texas Builders was notified of field test results. ND-Not Determined; NP-Not Provided; NA-Not Applicable.

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COPIES TO: Above (1)

RABA KISTNER CONSULTANTS, INC.



Updated By: IG 6/7/2021 4:30:47PM



OBSERVATION REPORT

Masonry Observation Report



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.: HECTOR GARCIA, CONTRACT SPECIALIST III
TO: **HIDALGO COUNTY**
PURCHASING DEPARTMENT
2802 S. BUSINESS HWY 281
EDINBURG, TX 78539

PROJECT NO.: AMD21-020-00
DATE OF OBSERVATION: 05/10/2021
ASSIGNMENT NO.: M21-011254
SHEET NUMBER: 1 of 1
REPORT VERSION: A
TECHNICIAN: LUIS GARCIA

PROJECT: Hidalgo County Health Forensic Center Generator, X-Ray and Renovations - Edinburg, Hidalgo County, Texas

2:30 pm Arrived at Project Site

General Contractor:Noble Texas Builders

Masonry Contractor:Pro Tac

Superintendent/Foreman:Mr. Andres Rojas

Weather Conditions:Mostly Sunny, 91F

On this date, a member of our technical staff conducted an observation of the masonry operations at the above referenced site .
The following items were observed:

I Placement of Concrete Masonry Units

- A. Masonry units placed this date were not wetted prior to placement.
- B. Cells of units to be grouted were free of excessive mortar droppings.
- C. Mortar projections within cells to be grouted were not excessive.

II Placement of Reinforcement and Grout

- A. Vertical reinforcing observed this date did conform to the project requirements for size,spacing and lap lengths.
- B. Horizontal reinforcing observed this date did conform to the project requirements.
- C. Grout placement observed this date did conform to the project requirements for slump and height of grout placement.

III Locations Observed:

South Wall of X-Ray Room No.: 102, about 14 Courses (9'-4" above Finished Floor)

Mr. Andres Rojas with Noble Texas Builders was notified of the field observations.

3:30 pm Departed Project Site

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Mark Wolf



BY: _____
05/20/2021



Updated By: EFM 5/19/2021 5:19:41PM

Reviewed By: EFM 5/19/2021 5:19:45PM

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LABORATORY TEST REPORT



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

Compressive Strength Test

ATTN.: HECTOR GARCIA, CONTRACT SPECIALIST III
TO: **HIDALGO COUNTY**
PURCHASING DEPARTMENT
2802 S. BUSINESS HWY 281
EDINBURG, TX 78539

PROJECT NO.: AMD21-020-00
CAST DATE: 05/12/2021
ASSIGNMENT NO.: M21-011278
REPORT VERSION: A
SHEET NUMBER: 1 of 1
TECHNICIAN: LUIS GARCIA

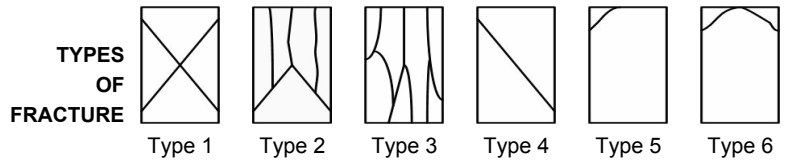
PROJECT: Hidalgo County Health Forensic Center Generator, X-Ray and Renovations - Edinburg, Hidalgo County, Texas

PLACEMENT LOCATION: Interior CMU Walls for South Wall of X-Ray Room 102, about 13 Courses (8'-8" Above Finished Floor)

SET INDEX:	Set 1 of 1				
SUPPLIER:	On-site	BATCH TIME:	12:40 PM	AIR CONTENT (%):	NA
TRUCK NO:	NA	SAMPLE TIME:	12:41 PM	UNIT WEIGHT (pcf):	ND
TICKET NO:	NA	SAMPLE TEMP. (°F):	80	FIELD CURED (day):	1
SAMPLED AT (cu yds):	1	AMBIENT TEMP. (°F):	78	SAMPLE TYPE:	Mortar Cube
DESIGN STR.(psi):	750	SLUMP (in.):	NA	SAMPLE SIZE(in.):	2 x 2
PRODUCT NO.:	Type N	CLASS:	NA	WATER ADDED:	0
PLANT NUMBER:	NA	RECEIVED DATE:			

SPECIMEN NUMBER	DATE OF TEST	AGE (days)	LOAD (lbs)	DIAMETER (in)	AREA (in. ²)	STRENGTH (psi)	PERCENT OF DESIGN	FRACTURE TYPE	TESTED BY
1	05/19/2021	7	16,100	NA	4.00	4,030	537	Type 3	R. Pinera
2	05/19/2021	7	14,360	NA	4.00	3,590	479	Type 3	R. Pinera
3	05/19/2021	7	14,790	NA	4.00	3,700	493	Type 3	R. Pinera
4	06/09/2021	28	17,180	NA	4.00	4,300	573	Type 3	R. Pinera
5	06/09/2021	28	17,060	NA	4.00	4,270	569	Type 3	R. Pinera
6	06/09/2021	28	16,290	NA	4.00	4,070	543	Type 3	R. Pinera

NOTE: Some information on this test report provided by others. Testing and reporting was conducted in general accordance with the following applicable A.S.T.M. references: C109, unless otherwise noted.



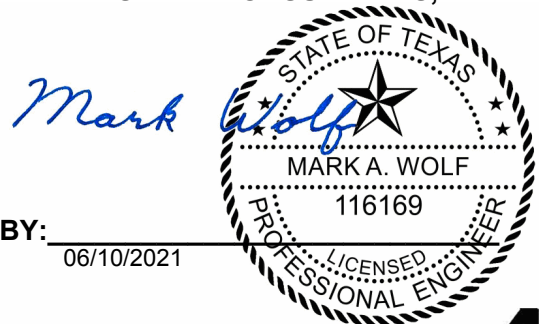
* - Indicates noncompliance with specifications.

REMARKS: Mr. Andres Rojas with Noble Texas Builders was notified of field test results. ND-Not Determined; NP-Not Provided; NA-Not Applicable.

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Updated By: IG 6/10/2021 3:45:39PM



LABORATORY TEST REPORT



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TBPE Firm F-3257

Compressive Strength Test

ATTN.: HECTOR GARCIA, CONTRACT SPECIALIST III
TO: **HIDALGO COUNTY**
PURCHASING DEPARTMENT
2802 S. BUSINESS HWY 281
EDINBURG, TX 78539

PROJECT NO.: AMD21-020-00
CAST DATE: 05/14/2021
ASSIGNMENT NO.: M21-011287
REPORT VERSION: A
SHEET NUMBER: 1 of 1
TECHNICIAN: LUIS GARCIA

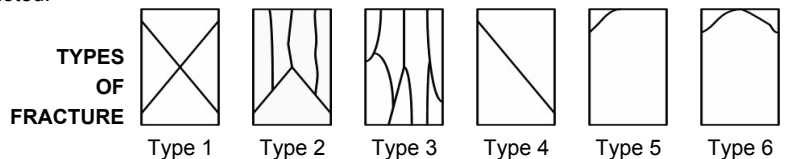
PROJECT: Hidalgo County Health Forensic Center Generator, X-Ray and Renovations - Edinburg, Hidalgo County, Texas

PLACEMENT LOCATION: Interior CMU Walls for X-Ray Room 102, South Wall, About 14 Courses (9'-4" Above Finished Floor)

SET INDEX: Set 1 of 1
SUPPLIER: On-Site BATCH TIME: 9:50 a.m. AIR CONTENT (%): NA
TRUCK NO: NA SAMPLE TIME: 9:55 a.m. UNIT WEIGHT (pcf): ND
TICKET NO: NA SAMPLE TEMP. (°F): 80 FIELD CURED (day): 1
SAMPLED AT (cu yds): 1 AMBIENT TEMP. (°F): 82 SAMPLE TYPE: Mortar Cube
DESIGN STR.(psi): 750 SLUMP (in.): NA SAMPLE SIZE(in.): 2 x 2
PRODUCT NO.: Type N CLASS: NA WATER ADDED: 0
PLANT NUMBER: NA RECEIVED DATE:

SPECIMEN NUMBER	DATE OF TEST	AGE (days)	LOAD (lbs)	DIAMETER (in)	AREA (in. ²)	STRENGTH (psi)	PERCENT OF DESIGN	FRACTURE TYPE	TESTED BY
1	05/21/2021	7	14,610	NA	4.00	3,650	487	Type 3	R. Pinera
2	05/21/2021	7	13,210	NA	4.00	3,300	440	Type 3	R. Pinera
3	05/21/2021	7	15,980	NA	4.00	4,000	533	Type 3	R. Pinera
4	06/11/2021	28	17,830	NA	4.00	4,460	595	Type 3	R. Pinera
5	06/11/2021	28	18,370	NA	4.00	4,590	612	Type 3	R. Pinera
6	06/11/2021	28	17,910	NA	4.00	4,480	597	Type 3	R. Pinera

NOTE: Some information on this test report provided by others. Testing and reporting was conducted in general accordance with the following applicable A.S.T.M. references: C109, unless otherwise noted.



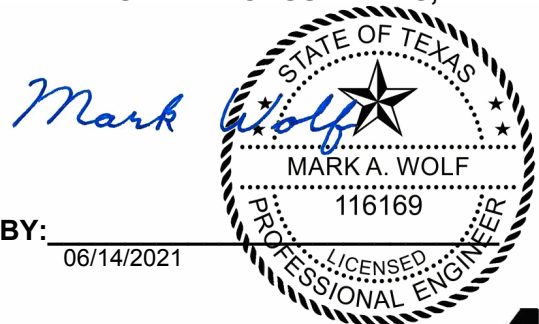
* - Indicates noncompliance with specifications.

REMARKS: Mr. Andres Rojas with Noble Texas Builders was notified of field test results. ND-Not Determined; NP-Not Provided; NA-Not Applicable.

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Updated By: IG 6/14/2021 9:46:54AM

