

FIELD TEST REPORT

Soil/Base Material Nuclear Density Test



ATTN.: MR. LEE PELFREY
TO: **SCOTT FELDER HOMES, LLC**
6414 RIVER PLACE BLVD., SUITE 100
AUSTIN, TX UNITED STATES 78730

Raba Kistner, Inc.
12821 W. Golden Lane
P.O. Box 690287, San Antonio, TX 78269-0287
(210) 699-9090 • FAX(210) 699-6426
www.rkci.com
Firm F-3257

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

PROJECT NO.: ASD24-101-00
DATE OF TEST: 02/19/2025
ASSIGNMENT NO.: S25-011138
REPORT VERSION: A
SHEET NUMBER: 1 of 2
TECHNICIAN: JOHN KINDLE

Arrive Site: 2:45 PM Depart Site: 3:45 PM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Sewer Line A</u>						
1	Station 6+55	5	7	12.4	120.2	103.7	Yes
2	Station 5+90	5	7	11.0	121.6	104.9	Yes
3	Station 5+00	5	7	12.6	116.8	100.8	Yes
4	Station 4+25	5	7	12.5	114.5	98.8	Yes
5	Station 3+75	5	7	11.9	121.6	104.9	Yes
6	Station 3+30	5	7	11.6	119.3	102.9	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
5	Tan Clayey Gravel with Sand (PI:14)	10.8	115.9	8.8-12.8	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John/VKK

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-46C (314)

GAUGE MODEL: 3450

GAUGE MAKE: Troxler

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

*Contractor placed 12 in lift.

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

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PSD24-030-01**

PROJECT NO.: ASD24-101-00
DATE OF TEST: 02/19/2025
ASSIGNMENT NO.: S25-011138
REPORT VERSION: A
SHEET NUMBER: 2 of 2
TECHNICIAN: JOHN KINDLE

Arrive Site: 2:45 PM Depart Site: 3:45 PM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
7	Station 2+25	5	7	12.3	116.3	100.3	Yes
8	Station 1+50	5	7	12.0	121.2	104.6	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
5	Tan Clayey Gravel with Sand (Pl:14)	10.8	115.9	8.8-12.8	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John/VKK

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-46C (314)

GAUGE MODEL: 3450

GAUGE MAKE: Troxler

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

*Contractor placed 12 in lift.

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COPIES TO: Above (1) (E-mail Report)

VK Knowlton Construction (1) (E-mail Report)

VK Knowlton Construction (1) (E-mail Report)

VK Knowlton Construction (1) (E-mail Report)

RABA KISTNER, INC.

BY: 
03/03/2025

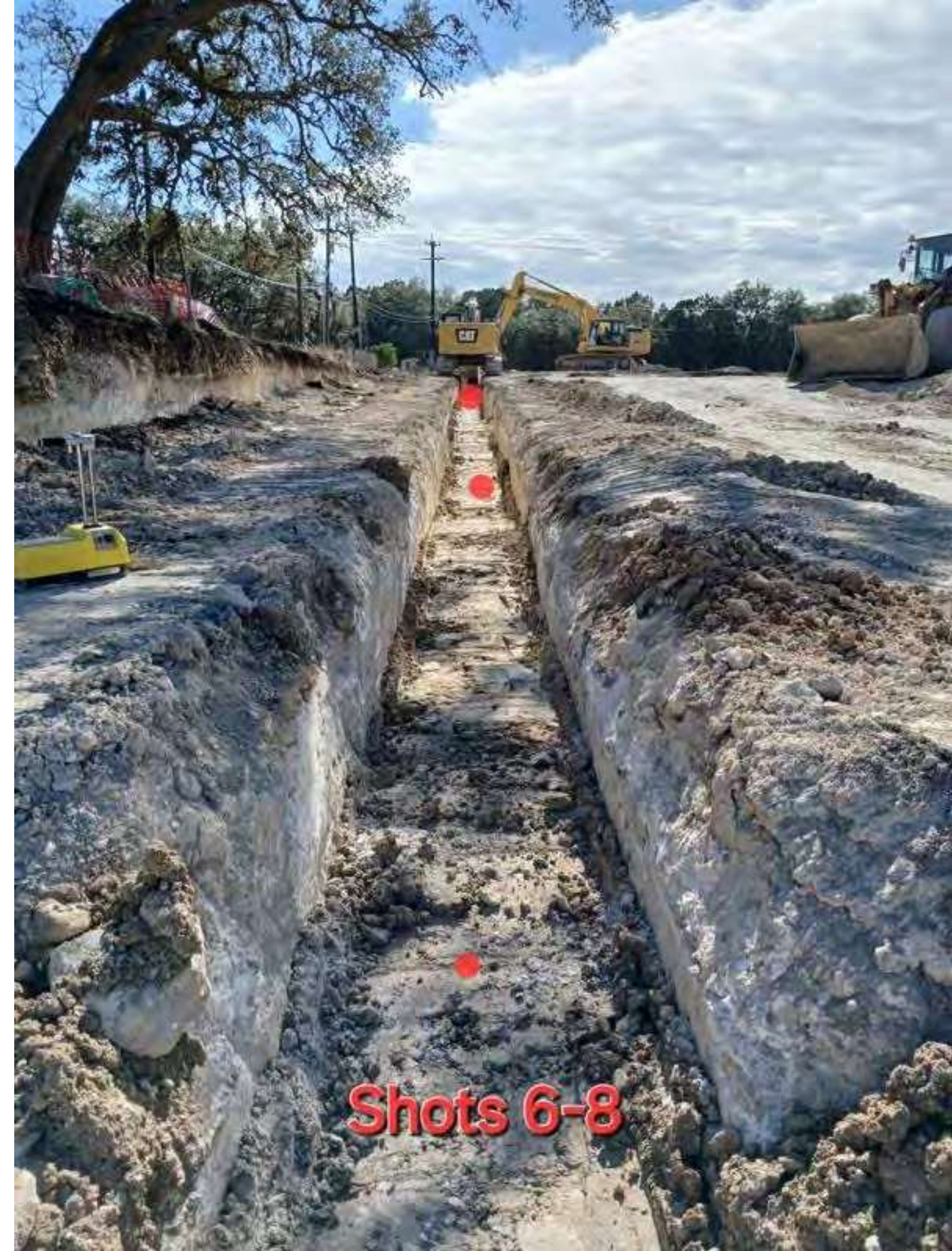


Updated By: Jkindle 2/26/2025 9:53:15AM

Reviewed By: RF 2/28/2025 4:51:23PM

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Shots 6-8



Shots 1-5

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**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

PROJECT NO.: ASD24-101-00
DATE OF TEST: 02/21/2025
ASSIGNMENT NO.: S25-011189
REPORT VERSION: A
SHEET NUMBER: 1 of 1
TECHNICIAN: Juan Vera

Arrive Site: 11:00 AM Depart Site: 1:00 PM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Lina A 12in. Sewer Line from Station:1+00 to 10+02</u>						
1	Station:2+00	1	10	10.0	117.9	98.5	Yes
2	station:3+00	1	10	10.7	118.9	99.3	Yes
3	station:4+00	1	10	10.2	117.1	97.8	Yes
4	station:6+00	1	10	9.9	117.8	98.4	Yes
5	station:7+00	1	10	10.7	118.2	98.7	Yes
6	station:9+00	1	10	10.5	117.5	98.2	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-65973 Troxler Gauç **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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RABA KISTNER, INC.

BY: 
02/25/2025



Updated By: Jvera 2/24/2025 2:30:29PM

Reviewed By: RF 2/24/2025 6:49:19PM

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**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

PROJECT NO.: ASD24-101-00
DATE OF TEST: 03/12/2025
ASSIGNMENT NO.: S25-011690
REPORT VERSION: A
SHEET NUMBER: 1 of 2
TECHNICIAN: Javier Flores

Arrive Site: 2:00 PM Depart Site: 4:00 PM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	Line A Sewer Line from Station 1+00 to 10+00						
1	Station 2+00	1	3	11.3	118.7	99.2	Yes
2	Station 3+00	1	3	12.2	120.1	100.3	Yes
3	Station 4+00	1	3	13.1	119.9	100.2	Yes
4	Station 5+00	1	3	12.9	117.6	98.2	Yes
5	Station 6+00	1	3	12.5	118.8	99.2	Yes
6	Station 7+00	1	3	13.0	119.4	99.7	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Raymond Gonzalez

CONTRACTOR: V.K. Knowlton

GAUGE NUMBER: S-4787L

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

PROJECT NO.: ASD24-101-00
DATE OF TEST: 03/12/2025
ASSIGNMENT NO.: S25-011690
REPORT VERSION: A
SHEET NUMBER: 2 of 2
TECHNICIAN: Javier Flores

Arrive Site: 2:00 PM Depart Site: 4:00 PM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
7	Station 8+00	1	3	11.8	121.6	101.6	Yes
8	Station 9+50	1	3	12.2	120.7	100.8	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Raymond Gonzalez

CONTRACTOR: V.K. Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-4787L

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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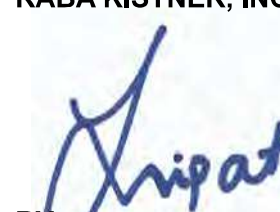
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RABA KISTNER, INC.

BY: 
03/19/2025



Updated By: johnmorgan 3/14/2025 10:50:46AM

Reviewed By: John Morgan 3/14/2025 10:50:46AM

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6414 RIVER PLACE BLVD., SUITE 100
AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 08:00 AM Depart Site: 09:15 AM



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PROJECT NO.: ASD24-101-00
DATE OF TEST: 03/13/2025
ASSIGNMENT NO.: S25-011713
REPORT VERSION: A
SHEET NUMBER: 1 of 1
TECHNICIAN: JOHN KINDLE

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Wide Fill Area over/adjacent to Sewer Line A</u>						
1	Station 3+30	5	4	8.9	117.2	101.1	Yes
2	Station 4+25	5	4	10.3	121.5	104.8	Yes
3	Station 5+25	5	4	11.6	119.3	102.9	Yes
4	Station 7+00	5	4	10.5	121.0	104.4	Yes
5	Station 9+00	5	4	10.3	120.6	104.1	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
5	Tan Clayey Gravel with Sand (Pl:14)	10.8	115.9	8.8-12.8	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL;PAVEMENT SECTION - SUBGRADE

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED:Edward/VKK

CONTRACTOR:VKKnowlton

GAUGE NUMBER: S-21G (11969)

GAUGE MODEL: 3411-B

GAUGE MAKE: Troxler

TEST MODE:Method A

REMARKS: Lift information was provided by contractor.

*Contractor placed 6 inch lift; contractor was not clear on if it was also a wider future pavement area over overall Sewer line area backfill.

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

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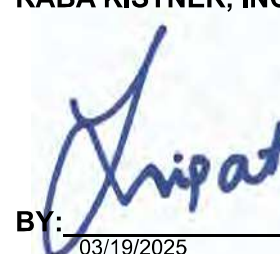
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RABA KISTNER, INC.

BY: 
03/19/2025



Updated By: johnmorgan 3/19/2025 3:15:20PM

Reviewed By: John Morgan 3/19/2025 3:15:20PM

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Shots 4-5



Shots 1-3

FIELD TEST REPORT

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**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

PROJECT NO.: ASD24-101-00
DATE OF TEST: 03/13/2025
ASSIGNMENT NO.: S25-011736
REPORT VERSION: A
SHEET NUMBER: 1 of 1
TECHNICIAN: JOHN KINDLE

Arrive Site: 2:30 PM Depart Site: 3:00 PM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Wide Fill area over/adjacent to Sewer line A</u>						
1	Station 4+25	5	5	10.6	121.2	104.6	Yes
2	Station 6+00	5	5	12.5	116.9	100.9	Yes
3	Station 7+25	5	5	12.8	117.8	101.6	Yes
4	Station 9+00	5	5	10.8	117.5	101.4	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
5	Tan Clayey Gravel with Sand (Pl:14)	10.8	115.9	8.8-12.8	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL;PAVEMENT SECTION - SUBGRADE

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED:Edward/VKK

CONTRACTOR:VKKnowlton

GAUGE NUMBER: S-21G (11969)

GAUGE MODEL: 3411-B

GAUGE MAKE: Troxler

TEST MODE:Method A

REMARKS: Lift information was provided by contractor.

*Contractor placed 6 in lift.

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

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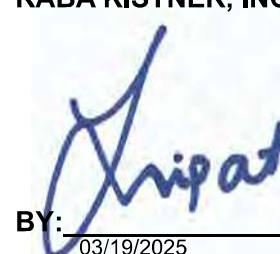
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RABA KISTNER, INC.

BY: 
03/19/2025



Updated By: johnmorgan 3/19/2025 3:17:44PM

Reviewed By: John Morgan 3/19/2025 3:17:44PM

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**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

PROJECT NO.: ASD24-101-00
DATE OF TEST: 03/14/2025
ASSIGNMENT NO.: S25-011768
REPORT VERSION: A
SHEET NUMBER: 1 of 1
TECHNICIAN: Joshua Miller

Arrive Site: 1:30 PM Depart Site: 2:15 PM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Sewer main from Station 1+00 to Station 9+00</u>						
1	Station 5+00	1	6	12.8	119.3	99.7	Yes
2	Station 5+00	1	7	13.0	118.2	98.7	Yes
3	Station 7+00	1	6	11.5	116.7	97.5	Yes
4	Station 7+00	1	7	11.7	117.8	98.4	Yes
5	Station 9+00	1	6	10.5	118.3	98.8	Yes
6	Station 9+00	1	7	10.4	118.2	98.7	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Edward

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-57P (2573)

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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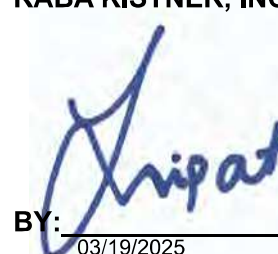
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RABA KISTNER, INC.

BY: 
03/19/2025



Updated By: johnmorgan 3/19/2025 3:17:53PM

Reviewed By: John Morgan 3/19/2025 3:17:53PM

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**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 08:15 AM Depart Site: 11:30 AM



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Firm F-3257

PROJECT NO.: ASD24-101-00
DATE OF TEST: 03/17/2025
ASSIGNMENT NO.: S25-011796
REPORT VERSION: A
SHEET NUMBER: 1 of 1
TECHNICIAN: Ethan Martinez

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Offsite Trenchline A, Station 3-7</u>						
1	3ft North and 2ft East from the Manhole	10	7	14.5	109.8	100.5	Yes
2	3ft North and 12ft East from the Manhole	10	7	14.2	108.6	99.4	Yes
3	3ft North and 15ft East from the Manhole	12	7	16.5	102.6	98.2	Yes
4	3ft North and 35ft East from the Manhole	12	7	15.9	104.6	100.1	Yes
5	3ft North and 55ft East from the Manhole	1	7	10.8	117.4	98.1	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698
10	Tan clayey gravel with sand (PI:11)	15.8	109.3	13.8-17.8	95	TEX-114-E
12	Tan clayey gravel with sand (PI:9)	17.8	104.5	15.8-19.8	95	TEX-114-E

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: James

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-46C (314)

GAUGE MODEL: 3450

GAUGE MAKE: Troxler

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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

NOTICE: Raba Kistner, 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, Inc.

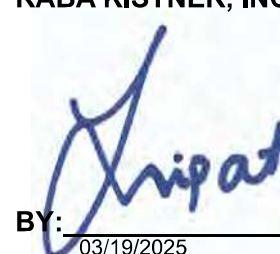
COPIES TO: Above (1) (E-mail Report)

VK Knowlton Construction (1) (E-mail Report)

VK Knowlton Construction (1) (E-mail Report)

VK Knowlton Construction (1) (E-mail Report)

RABA KISTNER, INC.

BY: 
03/19/2025



Updated By: AT 3/19/2025 3:19:29PM

Reviewed By: John Morgan 3/19/2025 3:18:01PM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 08:00 AM

Depart Site: 12:00 PM



Raba Kistner, Inc.
12821 W. Golden Lane
P.O. Box 690287, San Antonio, TX 78269-0287
(210) 699-9090 • FAX(210) 699-6426
www.rkci.com
Firm F-3257

PROJECT NO.: ASD24-101-00

DATE OF TEST: 06/27/2024

ASSIGNMENT NO.: S24-014880

REPORT VERSION: A

SHEET NUMBER: 1 of 5

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Line F Sewer Laterals</u>						
1	Lot 1	2	1	12.5	107.7	96.5	Yes
2	Lot 2	2	1	13.5	106.5	95.4	Yes
3	Lot 3	2	1	13.3	106.6	95.5	Yes
4	Lot 4	2	1	13.3	106.8	95.7	Yes
5	Lot 5	2	1	12.4	107.9	96.7	Yes
6	Lot 6	2	1	14.7	106.4	95.3	Yes
7	Lot 7	2	1	12.9	107.0	95.9	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (Pl:31)	13.9	111.6	11.9-15.9	95	ASTM D 698
3	Tan Clayey Gravel with Sand (Pl:11)	10.6	121.5	8.6-12.6	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauç GAUGE MODEL:

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 08:00 AM

Depart Site: 12:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 06/27/2024

ASSIGNMENT NO.: S24-014880

REPORT VERSION: A

SHEET NUMBER: 2 of 5

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
8	Lot 64	2	1	12.8	107.6	96.4	Yes
9	Lot 65	2	1	13.1	107.2	96.1	Yes
10	Lot 66	2	1	12.6	107.2	96.1	Yes
11	Lot 67	2	1	13.4	106.6	95.5	Yes
12	Lot 68	2	1	13.3	106.9	95.8	Yes
13	Lot 60 and 63	2	1	12.8	107.3	96.1	Yes
14	Lot 61 and 62 go to manhole F1	2	1	13.4	106.9	95.8	Yes
	<u>Line F Sewer Main from Manhole F2 to F3 Station:6+49 to 4+39</u>						

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (Pl:31)	13.9	111.6	11.9-15.9	95	ASTM D 698
3	Tan Clayey Gravel with Sand (Pl:11)	10.6	121.5	8.6-12.6	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauç **GAUGE MODEL:**

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 08:00 AM

Depart Site: 12:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 06/27/2024

ASSIGNMENT NO.: S24-014880

REPORT VERSION: A

SHEET NUMBER: 3 of 5

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
15	Station:6+40	2	1	12.5	111.7	100.1	Yes
16	station:6+00	2	1	11.9	112.3	100.6	Yes
17	station:5+00	2	1	12.6	112.7	101.0	Yes
18	station:4+00	2	1	11.9	112.5	100.8	Yes
	<u>Line F Sewer Main from Manhole F2 to F1 Stations:4+79 to 2+41</u>						
19	Station:3+00	2	1	12.5	111.3	99.7	Yes
20	Station:2+00	2	1	12.7	111.2	99.6	Yes
	<u>Line F Sewer Main from manhole A7 to F1 Stations:1+00 to 2+41</u>						

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (Pl:31)	13.9	111.6	11.9-15.9	95	ASTM D 698
3	Tan Clayey Gravel with Sand (Pl:11)	10.6	121.5	8.6-12.6	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED:John Perkovich

CONTRACTOR:VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauç **GAUGE MODEL:**

GAUGE MAKE: Humboldt

TEST MODE:Method A

REMARKS: Lift information was provided by contractor.

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 08:00 AM

Depart Site: 12:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 06/27/2024

ASSIGNMENT NO.: S24-014880

REPORT VERSION: A

SHEET NUMBER: 4 of 5

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
21	Station:1+50	2	1	11.9	116.4	104.3	Yes
22	Station:2+00	2	1	13.7	115.1	103.1	Yes
	<u>Sewer Verticals from manhole A7 to F1</u>						
23	Lot 59	2	1	14.0	115.1	103.1	Yes
24	Lot 60	2	1	12.2	116.4	104.3	Yes
	<u>Line A Sewer Main from Mnahole A7 to A8 Station:19+91 to 21+41</u>						
25	Station:20+00	3	1	12.1	120.5	99.2	Yes
26	Station:21+00	3	1	12.2	120.6	99.3	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (Pl:31)	13.9	111.6	11.9-15.9	95	ASTM D 698
3	Tan Clayey Gravel with Sand (Pl:11)	10.6	121.5	8.6-12.6	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauç GAUGE MODEL:

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 08:00 AM

Depart Site: 12:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 06/27/2024

ASSIGNMENT NO.: S24-014880

REPORT VERSION: A

SHEET NUMBER: 5 of 5

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Sewer Line A laterals</u>						
27	Lot 57	3	1	11.5	122.0	100.4	Yes
28	Lot 58	3	1	11.6	120.9	99.5	Yes
	<u>Line A Sewer Main from manhole A6 to A7 station:16+60 to 19+91</u>						
29	Station:16+00		1	13.8	104.3		
30	station:17+00		1	15.9	103.7		
31	station:18+99		1	13.8	106.9		

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (Pl:31)	13.9	111.6	11.9-15.9	95	ASTM D 698
3	Tan Clayey Gravel with Sand (Pl:11)	10.6	121.5	8.6-12.6	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauç GAUGE MODEL:

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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BY: 
06/28/2024



Updated By: Jvera 6/27/2024 3:54:32PM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 2:30 PM

Depart Site: 4:00 PM



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Firm F-3257

PROJECT NO.: ASD24-101-00

DATE OF TEST: 06/27/2024

ASSIGNMENT NO.: S24-014904

REPORT VERSION: A

SHEET NUMBER: 1 of 1

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	Main Sewer Line F From manhole F2 to F3 Stations:4+39 to 6+49						
1	Station:6+40	2	2	12.6	110.7	99.2	Yes
2	Station:6+00	2	2	13.4	111.0	99.5	Yes
3	Station:5+00	2	2	13.6	109.5	98.1	Yes
4	Station:4+00	2	2	13.4	110.0	98.6	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (PI:31)	13.9	111.6	11.9-15.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Enrique Hernandez

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-65973 Troxler Gauge

GAUGE MODEL: 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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RABA KISTNER, INC.

BY: 
07/08/2024



Updated By: IM 7/2/2024 1:41:19PM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 08:00 AM

Depart Site: 12:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 06/28/2024

ASSIGNMENT NO.: S24-014935

REPORT VERSION: A

SHEET NUMBER: 1 of 2

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Main Sewer Line F from manhole F1 to A7 stations:2+41-1+00</u>						
1	Line F Station:2+00	2	2	13.6	114.3	102.4	Yes
2	Line F Station:1+50	2	2	12.2	116.2	104.1	Yes
	<u>Main Sewer Line A from manhole A7 to A8 stations:19+91-20+41</u>						
3	Line A Station:19+00	2	2	13.8	112.5	100.8	Yes
4	Line A Station:20+00	2	2	12.4	113.8	102.0	Yes
	<u>Main Sewer Line A from manhole A7 to A6 stations:19+91-16+60</u>						
5	Line A Station:19+00	2	2	13.8	108.7	97.4	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (PI:31)	13.9	111.6	11.9-15.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Enrique Hernandez

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauge

GAUGE MODEL: 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 08:00 AM

Depart Site: 12:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 06/28/2024

ASSIGNMENT NO.: S24-014935

REPORT VERSION: A

SHEET NUMBER: 2 of 2

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
6	Line A Station:18+00	2	2	15.2	107.0	95.9	Yes
7	Line A Station:16+00	2	2	14.7	107.6	96.4	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (PI:31)	13.9	111.6	11.9-15.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Enrique Hernandez

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-65973 Troxler Gauge

GAUGE MODEL: 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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RABA KISTNER, INC.

BY: 
07/08/2024



Updated By: Jvera 6/28/2024 1:34:10PM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 2:30 PM

Depart Site: 4:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 06/28/2024

ASSIGNMENT NO.: S24-014949

REPORT VERSION: A

SHEET NUMBER: 1 of 3

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Sewer Laterals Line F</u>						
1	Lot 1	2	2	12.4	107.6	96.4	Yes
2	Lot 2	2	2	13.4	106.6	95.5	Yes
3	Lot 3	2	2	13.3	106.9	95.8	Yes
4	Lot 4	2	2	12.3	107.8	96.6	Yes
5	Lot 5	2	2	14.6	106.5	95.4	Yes
6	Lot 6	2	2	12.9	107.1	96.0	Yes
7	Lot 7	2	2	12.8	107.0	95.9	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (PI:31)	13.9	111.6	11.9-15.9	95	ASTM D 698

REFERENCE: PAVEMENT SECTION - GENERAL FILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Enrique Henandez

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauge **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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

NOTICE: Raba Kistner, 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, Inc.



FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 2:30 PM

Depart Site: 4:00 PM



Raba Kistner, Inc.
12821 W. Golden Lane
P.O. Box 690287, San Antonio, TX 78269-0287
(210) 699-9090 • FAX(210) 699-6426
www.rkci.com
Firm F-3257

PROJECT NO.: ASD24-101-00

DATE OF TEST: 06/28/2024

ASSIGNMENT NO.: S24-014949

REPORT VERSION: A

SHEET NUMBER: 2 of 3

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
8	Lot 64	2	2	12.7	107.7	96.5	Yes
9	Lot 65	2	2	13.1	107.3	96.1	Yes
10	Lot 66	2	2	12.7	107.3	96.1	Yes
11	Lot 67	2	2	13.4	107.6	96.4	Yes
12	Lot 68	2	2	13.3	106.9	95.8	Yes
13	Lot 63	2	2	12.7	107.4	96.2	Yes
14	Manhole F1 Ties to Lot 61 and 62	2	2	13.4	106.9	95.8	Yes
	<u>Sewer Laterals Line A From Manhole A7 to A8</u>						

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (PI:31)	13.9	111.6	11.9-15.9	95	ASTM D 698

REFERENCE: PAVEMENT SECTION - GENERAL FILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Enrique Henandez

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauge **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 2:30 PM

Depart Site: 4:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 06/28/2024

ASSIGNMENT NO.: S24-014949

REPORT VERSION: A

SHEET NUMBER: 3 of 3

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
15	Lot 57	2	1	12.5	107.7	96.5	Yes
16	Lot 57	2	2	13.5	106.6	95.5	Yes
17	Lot 58	2	1	12.3	106.5	95.4	Yes
18	Lot 58	2	2	12.8	107.0	95.9	Yes
	<u>Sewer Laterals Line A From Manhole A7 to A6</u>						
19	Lot 86	2	1	13.4	106.6	95.5	Yes
20	Lot 86	2	2	13.3	106.9	95.8	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (PI:31)	13.9	111.6	11.9-15.9	95	ASTM D 698

REFERENCE: PAVEMENT SECTION - GENERAL FILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Enrique Henandez

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauç **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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BY: 
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Updated By: Jvera 6/29/2024 9:15:13AM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 2:30 PM

Depart Site: 4:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 06/28/2024

ASSIGNMENT NO.: S24-014950

REPORT VERSION: A

SHEET NUMBER: 1 of 2

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Sewer Main Line F from manhole F3 to F1</u> <u>stations:6+40-2+41</u>						
1	Station:6+00	2	3	13.5	114.2	102.3	Yes
2	Station:5+00	2	3	12.2	114.3	102.4	Yes
3	Station:4+00	2	3	12.3	115.3	103.3	Yes
4	Station:3+00	2	3	13.4	114.0	102.2	Yes
	<u>Sewer Main Line F from manhole F1 to A7</u> <u>Stations:2+41-1+00</u>						
5	Station:2+00	2	3	13.8	112.5	100.8	Yes
6	Station:1+50	2	3	12.4	113.8	102.0	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (PI:31)	13.9	111.6	11.9-15.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Enrique Hernandez

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-65973 Troxler Gauç

GAUGE MODEL: 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 2:30 PM

Depart Site: 4:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 06/28/2024

ASSIGNMENT NO.: S24-014950

REPORT VERSION: A

SHEET NUMBER: 2 of 2

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Sewer Main Line A from manhole A7 to A8</u> <u>Stations:19+91-21+41</u>						
7	Station:20+00	2	3	13.8	112.5	100.8	Yes
8	Station:21+00	2	3	12.4	113.7	101.9	Yes
	<u>Sewer Main Line A from manhole A7 to A6</u> <u>Stations:19+91-16+60</u>						
9	Station:18+00	2	3	13.8	108.7	97.4	Yes
10	Station:17+00	2	3	15.2	107.0	95.9	Yes
11	Station:16+00	2	3	14.7	107.5	96.3	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (PI:31)	13.9	111.6	11.9-15.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Enrique Hernandez

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-65973 Troxler Gauç

GAUGE MODEL: 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 07:00 AM

Depart Site: 3:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 06/29/2024

ASSIGNMENT NO.: S24-014969

REPORT VERSION: A

SHEET NUMBER: 3 of 3

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
15	Lot 58	2	Final	13.3	106.6	95.5	Yes
	<u>Sewer Line A Laterals from manhole A7 to A6</u> <u>Stations:19+91-16+60</u>						
16	Lot 86	2	Final	12.6	107.2	96.1	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (PI:31)	13.9	111.6	11.9-15.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Enrique Hernandez

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-65974 Troxler gaug GAUGE MODEL: 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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Updated By: Jvera 7/1/2024 8:35:52AM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 07:00 AM

Depart Site: 3:00 PM



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12821 W. Golden Lane
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PROJECT NO.: ASD24-101-00

DATE OF TEST: 06/29/2024

ASSIGNMENT NO.: S24-014970

REPORT VERSION: A

SHEET NUMBER: 1 of 2

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Main Sewer Line F from manhole F3 to F1 stations:6+40 to 2+41</u>						
1	Station:6+00	2	Final	13.5	114.3	102.4	Yes
2	station:5+00	2	Final	12.1	116.2	104.1	Yes
3	station:4+00	2	Final	13.4	114.2	102.3	Yes
4	station:3+00	2	Final	12.0	116.0	103.9	Yes
	<u>Main Sewer Line F from manhole F1 to F2 stations:2+41-1+00</u>						
5	Station:2+00	2	Final	13.8	112.4	100.7	Yes
6	Station:1+50	2	Final	12.3	113.7	101.9	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (PI:31)	13.9	111.6	11.9-15.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Enrique Hernandez

CONTRACTOR: VK Kowltan

GAUGE NUMBER: S-65974 Troxler gaug

GAUGE MODEL: 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 07:00 AM

Depart Site: 3:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 06/29/2024

ASSIGNMENT NO.: S24-014970

REPORT VERSION: A

SHEET NUMBER: 2 of 2

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Main Sewer Line A from manhole A7 to A8</u> <u>Stations:19+91-21+41</u>						
7	Station:20+00	2	Final	13.7	112.6	100.9	Yes
8	Station:21+00	2	Final	12.3	113.7	101.9	Yes
	<u>Main Sewer Line A From manhole A7 to A6</u> <u>Stations:19+91-16+60</u>						
9	Station:18+00	2	Final	13.8	108.6	97.3	Yes
10	Station:17+00	2	Final	15.0	107.0	95.9	Yes
11	Station:16+00	2	Final	14.6	107.6	96.4	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (PI:31)	13.9	111.6	11.9-15.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Enrique Hernandez

CONTRACTOR: VK Kowltan

GAUGE NUMBER: S-65974 Troxler gaug

GAUGE MODEL: 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100
AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 10:30 AM

Depart Site: 12:30 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/01/2024

ASSIGNMENT NO.: S24-014991

REPORT VERSION: A

SHEET NUMBER: 1 of 1

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Main Sewer Line A From manhole A8 to A10</u> <u>Stations:21+41-26+97</u>						
1	Line A Station:21+00	2	1	14.2	112.1	100.4	Yes
2	Line A Station:22+00	2	1	13.8	112.0	100.4	Yes
3	Line A Station:23+00	2	1	14.0	111.9	100.3	Yes
4	Line A Station:24+00	2	1	14.2	111.8	100.2	Yes
5	Line A Station:25+00	2	1	15.0	111.4	99.8	Yes
6	Line A Station:26+00	2	1	14.5	111.5	99.9	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (PI:31)	13.9	111.6	11.9-15.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Enrique Hernandez

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-65973 Troxler Gauç

GAUGE MODEL: 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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Updated By: Jvera 7/1/2024 3:13:30PM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 4:30 PM

Depart Site: 6:00 PM



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12821 W. Golden Lane
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PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/01/2024

ASSIGNMENT NO.: S24-015020

REPORT VERSION: A

SHEET NUMBER: 1 of 1

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Main Sewer Line A from Manhole A8 to A10</u> <u>Stations:21+41-26+97</u>						
1	Line A Station:21+00	2	2	14.1	112.1	100.4	Yes
2	Line A Station:22+00	2	2	13.7	112.0	100.4	Yes
3	Line A Station:23+00	2	2	14.1	111.9	100.3	Yes
4	Line A Station:24+00	2	2	14.2	111.9	100.3	Yes
5	Line A Station:25+00	2	2	15.1	111.3	99.7	Yes
6	Line A Station:26+00	2	2	14.4	111.5	99.9	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (PI:31)	13.9	111.6	11.9-15.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Enrique Hernandez

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauç

GAUGE MODEL: 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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Updated By: Jvera 7/2/2024 8:55:49AM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 10:00 AM

Depart Site: 12:00 PM



Raba Kistner, Inc.
12821 W. Golden Lane
P.O. Box 690287, San Antonio, TX 78269-0287
(210) 699-9090 • FAX(210) 699-6426
www.rkci.com
Firm F-3257

PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/02/2024

ASSIGNMENT NO.: S24-015053

REPORT VERSION: A

SHEET NUMBER: 1 of 1

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Main Sewer Line A from manhole A8-A10</u> <u>Stations:21+41-26+97</u>						
1	Sewer Line A Station:21+00	2	3	12.7	116.1	104.0	Yes
2	Sewer Line A Station:22+00	2	3	13.2	116.5	104.4	Yes
3	Sewer Line A Station:23+00	2	3	13.1	116.6	104.5	Yes
4	Sewer Line A Station:24+00	2	3	13.2	116.5	104.4	Yes
5	Sewer Line A Station:25+00	2	3	12.6	116.3	104.2	Yes
6	Sewer Line A Station:26+00	2	3	12.6	116.1	104.0	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (PI:31)	13.9	111.6	11.9-15.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Enrique Hernandez

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-65973 Troxler Gauç

GAUGE MODEL: 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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

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BY: 
07/08/2024



Updated By: Jvera 7/2/2024 1:12:05PM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 10:00 AM

Depart Site: 12:00 PM



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Firm F-3257

PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/02/2024

ASSIGNMENT NO.: S24-015054

REPORT VERSION: A

SHEET NUMBER: 1 of 3

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Main Sewer Line A Laterals from Manhole A8 to A10</u> <u>Stations:21+41-26+97</u>						
	<u>Block 10</u>						
1	Lot 55	2	1	13.6	111.5	99.9	Yes
2	Lot 54	2	1	13.5	112.1	100.4	Yes
3	Lot 53	2	1	13.9	112.1	100.4	Yes
4	Lot 52	2	1	12.9	112.3	100.6	Yes
5	Lot 51	2	1	13.1	112.1	100.4	Yes
6	Lot 50	2	1	12.6	112.7	101.0	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (PI:31)	13.9	111.6	11.9-15.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Enrique Hernandez

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauç

GAUGE MODEL: 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/02/2024

ASSIGNMENT NO.: S24-015054

REPORT VERSION: A

SHEET NUMBER: 2 of 3

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
7	Lot 49	2	1	13.0	112.2	100.5	Yes
8	Lot 48	2	1	13.0	112.0	100.4	Yes
9	Lot 47	2	1	12.4	112.8	101.1	Yes
10	Lot 46	2	1	13.1	112.1	100.4	Yes
11	Lot 45	2	1	13.3	112.2	100.5	Yes
	<u>Block 12</u>						
12	Lot 8	2	1	13.6	111.4	99.8	Yes
13	Lot 9	2	1	13.1	112.1	100.4	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (PI:31)	13.9	111.6	11.9-15.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Enrique Hernandez

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauge

GAUGE MODEL: 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/02/2024

ASSIGNMENT NO.: S24-015054

REPORT VERSION: A

SHEET NUMBER: 3 of 3

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
14	Lot 10	2	1	12.9	112.1	100.4	Yes
15	Lot 11	2	1	13.3	112.0	100.4	Yes
16	Lot 12	2	1	13.3	111.6	100.0	Yes
17	Lot 13	2	1	12.6	112.9	101.2	Yes
18	Lot 14	2	1	12.5	112.8	101.1	Yes
19	Lot 15	2	1	13.3	111.9	100.3	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (PI:31)	13.9	111.6	11.9-15.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Enrique Hernandez

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-65973 Troxler Gauge GAUGE MODEL: 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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BY: 
07/08/2024



Updated By: Jvera 7/2/2024 1:12:53PM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 2:00 PM

Depart Site: 3:30 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/02/2024

ASSIGNMENT NO.: S24-015066

REPORT VERSION: A

SHEET NUMBER: 1 of 1

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Sewer Main Line A from manhole A9 to A10</u> <u>Stations:24+27-26+97</u>						
1	Line A Station:24+00	2	4	12.6	117.1	104.9	Yes
2	Line A Station:25+00	2	4	13.1	116.4	104.3	Yes
3	Line A Station:26+00	2	4	13.0	116.5	104.4	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (PI:31)	13.9	111.6	11.9-15.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Enrique Hernandez

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-65973 Troxler Gauge GAUGE MODEL: 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 2:00 PM

Depart Site: 3:30 PM



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12821 W. Golden Lane
P.O. Box 690287, San Antonio, TX 78269-0287
(210) 699-9090 • FAX(210) 699-6426
www.rkci.com
Firm F-3257

PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/02/2024

ASSIGNMENT NO.: S24-015068

REPORT VERSION: A

SHEET NUMBER: 1 of 3

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	Main Sewer Line A Laterals from manhole A8 to A10 from Station:21+41-26+97						
1	Block 10						
1	Lot 55	2	2	13.5	111.4	99.8	Yes
2	Lot 54	2	2	13.4	112.2	100.5	Yes
3	Lot 53	2	2	12.8	112.2	100.5	Yes
4	Lot 52	2	2	13.0	112.0	100.4	Yes
5	Lot 51	2	2	12.5	112.6	100.9	Yes
6	Lot 50	2	2	13.1	112.3	100.6	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (PI:31)	13.9	111.6	11.9-15.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Enrique Hernandez

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauç

GAUGE MODEL: 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 2:00 PM

Depart Site: 3:30 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/02/2024

ASSIGNMENT NO.: S24-015068

REPORT VERSION: A

SHEET NUMBER: 2 of 3

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
7	Lot 49	2	2	13.0	112.1	100.4	Yes
8	Lot 48	2	2	12.5	112.7	101.0	Yes
9	Lot 47	2	2	13.0	112.1	100.4	Yes
10	Lot 46	2	2	13.3	112.3	100.6	Yes
11	Lot 45	2	2	13.0	112.2	100.5	Yes
	<u>Block 12</u>						
12	Lot 8	2	2	13.6	111.3	99.7	Yes
13	Lot 9	2	2	13.1	112.0	100.4	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (PI:31)	13.9	111.6	11.9-15.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Enrique Hernandez

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauge

GAUGE MODEL: 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/02/2024

ASSIGNMENT NO.: S24-015068

REPORT VERSION: A

SHEET NUMBER: 3 of 3

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
14	Lot 10	2	2	12.8	112.0	100.4	Yes
15	Lot 11	2	2	13.2	111.6	100.0	Yes
16	Lot 12	2	2	13.3	111.5	99.9	Yes
17	Lot 13	2	2	12.6	112.8	101.1	Yes
18	Lot 14	2	2	12.5	112.7	101.0	Yes
19	Lot 15	2	2	13.2	111.8	100.2	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (PI:31)	13.9	111.6	11.9-15.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

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GAUGE NUMBER: S-65973 Troxler Gauge GAUGE MODEL: 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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BY: 
07/08/2024



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AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 08:00 AM

Depart Site: 12:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/03/2024

ASSIGNMENT NO.: S24-015106

REPORT VERSION: A

SHEET NUMBER: 1 of 3

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Main Sewer Line A Laterals from manhole A8-A10</u> <u>Stations:21+41-26+97</u>						
1	Block 10	2	Final	13.2	114.5	102.6	Yes
1	Lot 55	2	Final	12.9	115.2	103.2	Yes
2	Lot 54	2	Final	12.3	116.7	104.6	Yes
3	Lot 53	2	Final	13.6	114.8	102.9	Yes
4	Lot 52	2	Final	12.9	115.6	103.6	Yes
5	Lot 51	2	Final	13.0	115.0	103.0	Yes
6	Lot 50	2	Final	12.3	115.7	103.7	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (PI:31)	13.9	111.6	11.9-15.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Enrique Hernandez

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauç

GAUGE MODEL: 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 08:00 AM

Depart Site: 12:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/03/2024

ASSIGNMENT NO.: S24-015106

REPORT VERSION: A

SHEET NUMBER: 2 of 3

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
7	Lot 49	2	Final	12.7	115.7	103.7	Yes
8	Lot 48	2	Final	12.3	115.8	103.8	Yes
9	Lot 47	2	Final	12.3	115.7	103.7	Yes
10	Lot 46	2	Final	13.3	114.8	102.9	Yes
11	Lot 45	2	Final	12.5	115.5	103.5	Yes
	<u>Block 12</u>						
12	Lot 8	2	Final	12.4	116.2	104.1	Yes
13	Lot 9	2	Final	12.1	116.7	104.6	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (PI:31)	13.9	111.6	11.9-15.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Enrique Hernandez

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauç

GAUGE MODEL: 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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

NOTICE: Raba Kistner, 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, Inc.



FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 08:00 AM

Depart Site: 12:00 PM



Raba Kistner, Inc.
12821 W. Golden Lane
P.O. Box 690287, San Antonio, TX 78269-0287
(210) 699-9090 • FAX(210) 699-6426
www.rkci.com
Firm F-3257

PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/03/2024

ASSIGNMENT NO.: S24-015106

REPORT VERSION: A

SHEET NUMBER: 3 of 3

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
14	Lot 10	2	Final	13.3	115.0	103.0	Yes
15	Lot 11	2	Final	13.4	115.8	103.8	Yes
16	Lot 12	2	Final	11.9	115.8	103.8	Yes
17	Lot 13	2	Final	11.9	116.7	104.6	Yes
18	Lot 14	2	Final	11.9	116.4	104.3	Yes
19	Lot 15	2	Final	15.9	113.2	101.4	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (PI:31)	13.9	111.6	11.9-15.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Enrique Hernandez

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauge

GAUGE MODEL: 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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RABA KISTNER, INC.

BY: 
07/09/2024



Updated By: Jvera 7/3/2024 1:12:00PM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 10:00 AM

Depart Site: 11:30 AM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 10/28/2024

ASSIGNMENT NO.: S24-018844

REPORT VERSION: A

SHEET NUMBER: 1 of 3

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Main Sewer Line A Block 10 Lots 78-86/87-96</u>						
1	Lot 78	6	1	11.9	106.8	98.0	Yes
2	Lot 79	6	1	12.7	106.6	97.8	Yes
3	Lot 80	6	1	11.8	109.0	100.0	Yes
4	Lot 81	6	1	12.0	106.1	97.3	Yes
5	Lot 82	6	1	12.1	106.2	97.4	Yes
6	Lot 83	6	1	11.9	106.0	97.2	Yes
7	Lot 84	6	1	12.3	106.0	97.2	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
6	Dark Brown Clay with Sand (PI:21)	13.8	109.0	11.8-15.8	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-65973 Troxler Gauge **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 10:00 AM

Depart Site: 11:30 AM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 10/28/2024

ASSIGNMENT NO.: S24-018844

REPORT VERSION: A

SHEET NUMBER: 2 of 3

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
8	Lot 85	6	1	11.8	106.5	97.7	Yes
9	Lot 86	6	1	11.9	106.8	98.0	Yes
10	Lot 87	6	1	11.8	106.5	97.7	Yes
11	Lot 88	6	1	12.6	105.5	96.8	Yes
12	Lot 89	6	1	12.1	106.3	97.5	Yes
13	Lot 90	6	1	12.3	106.8	98.0	Yes
14	Lot 91	6	1	11.8	106.3	97.5	Yes
15	Lot 92	6	1	12.1	106.9	98.1	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
6	Dark Brown Clay with Sand (PI:21)	13.8	109.0	11.8-15.8	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-65973 Troxler Gauge **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 10:00 AM

Depart Site: 11:30 AM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 10/28/2024

ASSIGNMENT NO.: S24-018844

REPORT VERSION: A

SHEET NUMBER: 3 of 3

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
16	Lot 93	6	1	12.4	107.0	98.2	Yes
17	Lot 94	6	1	12.0	106.4	97.6	Yes
18	Lot 95	6	1	12.6	107.0	98.2	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
6	Dark Brown Clay with Sand (PI:21)	13.8	109.0	11.8-15.8	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-65973 Troxler Gauge **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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VK Knowlton Construction (1) (E-mail Report)

RABA KISTNER, INC.

BY: 
10/29/2024



Updated By: Jvera 10/29/2024 11:19:40AM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 5:30 PM

Depart Site: 6:30 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 10/28/2024

ASSIGNMENT NO.: S24-018871

REPORT VERSION: A

SHEET NUMBER: 1 of 3

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Main Sewer Line A Block 10 Lots 78-86/87-95</u>						
1	Lot 78	6	2	11.8	106.9	98.1	Yes
2	Lot 79	6	2	12.0	106.6	97.8	Yes
3	Lot 81	6	2	11.9	107.0	98.2	Yes
4	Lot 81	6	2	12.0	106.2	97.4	Yes
5	Lot 82	6	2	12.1	106.2	97.4	Yes
6	Lot 82	6	2	11.9	106.0	97.2	Yes
7	Lot 84	7	2	12.3	107.0	97.2	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
6	Dark Brown Clay with Sand (PI:21)	13.8	109.0	11.8-15.8	95	ASTM D 698
7	Dark Brown Clay with Sand (PI:18)	14.0	110.1	12-16	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauç GAUGE MODEL: 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 5:30 PM

Depart Site: 6:30 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 10/28/2024

ASSIGNMENT NO.: S24-018871

REPORT VERSION: A

SHEET NUMBER: 2 of 3

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
8	Lot 85	6	2	11.9	106.5	97.7	Yes
9	Lot 86	6	2	12.6	105.0	96.3	Yes
10	Lot 87	6	2	11.8	106.6	97.8	Yes
11	Lot 88	6	2	11.9	108.0	99.1	Yes
12	Lot 89	6	2	12.6	105.5	96.8	Yes
13	Lot 90	6	2	12.1	106.3	97.5	Yes
14	Lot 91	6	2	12.1	106.9	98.1	Yes
15	Lot 92	6	2	11.8	106.3	97.5	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
6	Dark Brown Clay with Sand (PI:21)	13.8	109.0	11.8-15.8	95	ASTM D 698
7	Dark Brown Clay with Sand (PI:18)	14.0	110.1	12-16	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauç GAUGE MODEL: 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 5:30 PM

Depart Site: 6:30 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 10/28/2024

ASSIGNMENT NO.: S24-018871

REPORT VERSION: A

SHEET NUMBER: 3 of 3

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
16	Lot 93	6	2	12.7	108.0	99.1	Yes
17	Lot 94	6	2	11.8	107.0	98.2	Yes
18	Lot 95	6	2	11.9	106.1	97.3	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
6	Dark Brown Clay with Sand (PI:21)	13.8	109.0	11.8-15.8	95	ASTM D 698
7	Dark Brown Clay with Sand (PI:18)	14.0	110.1	12-16	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauge GAUGE MODEL: 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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

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VK Knowlton Construction (1) (E-mail Report)

VK Knowlton Construction (1) (E-mail Report)

RABA KISTNER, INC.

BY: 
10/29/2024



Updated By: Jvera 10/29/2024 11:42:04AM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 10:00 AM

Depart Site: 12:00 PM



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12821 W. Golden Lane
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PROJECT NO.: ASD24-101-00

DATE OF TEST: 10/29/2024

ASSIGNMENT NO.: S24-018895

REPORT VERSION: A

SHEET NUMBER: 1 of 1

TECHNICIAN: JOHN KINDLE

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Sewer Line A, East to West oriented trench</u>						
1	Sta. 16+60	5	3	12.5	119.6	103.2	Yes
2	Sta. 16+00	5	3	12.8	117.2	101.1	Yes
3	Sta. 15+15	5	3	12.7	115.2	99.4	Yes
4	Sta. 14+50	5	3	12.6	118.5	102.2	Yes
5	Sta. 13+75	5	3	12.8	112.1	96.7	Yes
6	Sta. 13+00	5	3	12.7	119.0	102.7	Yes
7	Sta. 12+15	5	3	12.7	118.8	102.5	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
5	Tan Clayey Gravel with Sand (Pl:14)	10.8	115.9	8.8-12.8	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Edward/VKK

CONTRACTOR: VK Knowlton

WEATHER: Cloudy

GAUGE NUMBER: S-31E (23839)

GAUGE MODEL: 3430

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

*Shots taken in a trench cut that varied in depth from 1.5 ft to 5 ft.

**Contractor placed 12 inch lift.

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

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VK Knowlton Construction (1) (E-mail Report)

RABA KISTNER, INC.

BY: 
11/01/2024



Updated By: Jkindle 10/31/2024 9:32:28PM

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East view, Shots 5-7



West view, Shots 1-4

FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 4:00 PM

Depart Site: 5:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 10/29/2024

ASSIGNMENT NO.: S24-018918

REPORT VERSION: A

SHEET NUMBER: 1 of 4

TECHNICIAN: Jeremy Standridge

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>12 inch sewer line. Block 10, Rockcress Road. Station numbers 10+02-16+74</u>						
1	Station number 10+80	5	4	10.1	114.6	98.9	Yes
2	Station number 12+00	6	4	15.8	104.8	96.1	Yes
3	Station number 13+00	6	4	14.9	104.7	96.1	Yes
4	Station number 14+00	6	4	13.5	106.7	97.9	Yes
5	Station number 15+00	5	4	11.9	115.7	99.8	Yes
6	Station number 16+00	6	4	15.1	104.4	95.8	Yes
	<u>Laterals for 12 inch sewer line</u>						

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
4	Tan Clayey Gravel with Sand (PI:12)	9.9	124.8	7.9-11.9	95	ASTM D 698
5	Tan Clayey Gravel with Sand (PI:14)	10.8	115.9	8.8-12.8	95	ASTM D 698
6	Dark Brown Clay with Sand (PI:21)	13.8	109.0	11.8-15.8	95	ASTM D 698
7	Dark Brown Clay with Sand (PI:18)	14.0	110.1	12-16	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-27I (7521)

GAUGE MODEL: 3411-B

GAUGE MAKE: Troxler

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 4:00 PM

Depart Site: 5:00 PM



Raba Kistner, Inc.
12821 W. Golden Lane
P.O. Box 690287, San Antonio, TX 78269-0287
(210) 699-9090 • FAX(210) 699-6426
www.rkci.com
Firm F-3257

PROJECT NO.: ASD24-101-00

DATE OF TEST: 10/29/2024

ASSIGNMENT NO.: S24-018918

REPORT VERSION: A

SHEET NUMBER: 2 of 4

TECHNICIAN: Jeremy Standridge

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
7	Station number 12+40	5	1	12.6	110.7	95.5	Yes
8	Station number 12+61	7	1	15.3	104.9	95.3	Yes
9	Station number 12+91	7	1	14.0	107.6	97.7	Yes
10	Station number 13+11	5	1	12.0	112.8	97.3	Yes
11	Station number 13+41	7	1	14.2	104.7	95.1	Yes
12	Station number 13+61	4	1	9.3	120.9	96.9	Yes
13	Station number 13+91	7	1	16.0	104.9	95.3	Yes
14	Station number 14+11	5	1	12.4	111.1	95.9	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
4	Tan Clayey Gravel with Sand (PI:12)	9.9	124.8	7.9-11.9	95	ASTM D 698
5	Tan Clayey Gravel with Sand (PI:14)	10.8	115.9	8.8-12.8	95	ASTM D 698
6	Dark Brown Clay with Sand (PI:21)	13.8	109.0	11.8-15.8	95	ASTM D 698
7	Dark Brown Clay with Sand (PI:18)	14.0	110.1	12-16	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-27I (7521)

GAUGE MODEL: 3411-B

GAUGE MAKE: Troxler

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 4:00 PM

Depart Site: 5:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 10/29/2024

ASSIGNMENT NO.: S24-018918

REPORT VERSION: A

SHEET NUMBER: 3 of 4

TECHNICIAN: Jeremy Standridge

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
15	Station number 14+41	7	1	12.0	107.5	97.6	Yes
16	Station number 14+61	4	1	9.0	120.7	96.7	Yes
17	Station number 15+06	4	1	8.3	119.3	95.6	Yes
18	Station number 15+28	7	1	12.1	104.7	95.1	Yes
19	Station number 15+58	7	1	14.8	105.5	95.8	Yes
20	Station number 15+78	7	1	12.5	104.9	95.3	Yes
21	Station number 16+06	7	1	15.2	104.7	95.1	Yes
22	Station number 16+46	7	1	13.7	104.9	95.3	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
4	Tan Clayey Gravel with Sand (PI:12)	9.9	124.8	7.9-11.9	95	ASTM D 698
5	Tan Clayey Gravel with Sand (PI:14)	10.8	115.9	8.8-12.8	95	ASTM D 698
6	Dark Brown Clay with Sand (PI:21)	13.8	109.0	11.8-15.8	95	ASTM D 698
7	Dark Brown Clay with Sand (PI:18)	14.0	110.1	12-16	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-271 (7521)

GAUGE MODEL: 3411-B

GAUGE MAKE: Troxler

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 4:00 PM

Depart Site: 5:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 10/29/2024

ASSIGNMENT NO.: S24-018918

REPORT VERSION: A

SHEET NUMBER: 4 of 4

TECHNICIAN: Jeremy Standridge

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
23	Station number 16+96	7	1	15.5	106.4	96.6	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
4	Tan Clayey Gravel with Sand (PI:12)	9.9	124.8	7.9-11.9	95	ASTM D 698
5	Tan Clayey Gravel with Sand (PI:14)	10.8	115.9	8.8-12.8	95	ASTM D 698
6	Dark Brown Clay with Sand (PI:21)	13.8	109.0	11.8-15.8	95	ASTM D 698
7	Dark Brown Clay with Sand (PI:18)	14.0	110.1	12-16	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-27I (7521)

GAUGE MODEL: 3411-B

GAUGE MAKE: Troxler

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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VK Knowlton Construction (1) (E-mail Report)

RABA KISTNER, INC.

BY: 
10/30/2024



Updated By: Jstandridge 10/29/2024 6:16:52PM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY
TO: **SCOTT FELDER HOMES, LLC**
6414 RIVER PLACE BLVD., SUITE 100
AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 09:00 AM Depart Site: 11:30 AM



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PROJECT NO.: ASD24-101-00
DATE OF TEST: 10/30/2024
ASSIGNMENT NO.: S24-018937
REPORT VERSION: A
SHEET NUMBER: 1 of 3
TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Main Sewer Line A Block 10 Lots 78-86/87-95</u>						
1	Station:10+80	6	5	11.9	106.9	98.1	Yes
2	Station:12+00	6	5	11.8	106.8	98.0	Yes
3	Station:13+00	6	5	12.1	106.5	97.7	Yes
4	Station:15+00	6	5	12.2	106.6	97.8	Yes
	<u>12 in. Laterals Main Sewrer Line A Block 10</u>						
20	Station:12+40	6	3	12.6	105.5	96.8	Yes
21	station:12+61	7	3	12.7	106.0	96.3	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
6	Dark Brown Clay with Sand (PI:21)	13.8	109.0	11.8-15.8	95	ASTM D 698
7	Dark Brown Clay with Sand (PI:18)	14.0	110.1	12-16	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED:John

CONTRACTOR:VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauç **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE:Method A

REMARKS: Lift information was provided by contractor.

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

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TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 09:00 AM

Depart Site: 11:30 AM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 10/30/2024

ASSIGNMENT NO.: S24-018937

REPORT VERSION: A

SHEET NUMBER: 2 of 3

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
22	station:12+91	7	3	12.1	106.3	96.5	Yes
23	station:13+11	6	3	12.3	106.2	97.4	Yes
24	station:13+41	6	3	12.1	106.8	98.0	Yes
25	station:13+61	6	3	13.2	106.9	98.1	Yes
26	station:13+91	6	3	11.9	106.3	97.5	Yes
27	station:14+11	6	3	12.8	106.1	97.3	Yes
28	station:14+41	6	3	11.8	106.9	98.1	Yes
29	station:14+61	6	3	12.0	106.1	97.3	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
6	Dark Brown Clay with Sand (PI:21)	13.8	109.0	11.8-15.8	95	ASTM D 698
7	Dark Brown Clay with Sand (PI:18)	14.0	110.1	12-16	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED:John

CONTRACTOR:VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauç **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE:Method A

REMARKS: Lift information was provided by contractor.

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6414 RIVER PLACE BLVD., SUITE 100
AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 09:00 AM Depart Site: 11:30 AM



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PROJECT NO.: ASD24-101-00
DATE OF TEST: 10/30/2024
ASSIGNMENT NO.: S24-018937
REPORT VERSION: A
SHEET NUMBER: 3 of 3
TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
30	station:15+06	6	3	13.2	107.1	98.3	Yes
31	station:15+28	6	3	12.1	108.9	99.9	Yes
32	station:15+58	6	3	11.9	106.4	97.6	Yes
33	station:15+78	6	3	12.3	106.8	98.0	Yes
34	station:16+06	6	3	11.8	106.5	97.7	Yes
35	station:16+46	6	3	12.6	105.9	97.2	Yes
36	station:16+96	6	3	11.8	106.6	97.8	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
6	Dark Brown Clay with Sand (PI:21)	13.8	109.0	11.8-15.8	95	ASTM D 698
7	Dark Brown Clay with Sand (PI:18)	14.0	110.1	12-16	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauge GAUGE MODEL: 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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WEATHER: Sunny

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VK Knowlton Construction (1) (E-mail Report)

RABA KISTNER, INC.

BY: 
11/01/2024



Updated By: Jvera 10/31/2024 1:01:24PM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY
TO: **SCOTT FELDER HOMES, LLC**
6414 RIVER PLACE BLVD., SUITE 100
AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 4:00 PM Depart Site: 5:30 PM



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12821 W. Golden Lane
P.O. Box 690287, San Antonio, TX 78269-0287
(210) 699-9090 • FAX(210) 699-6426
www.rkci.com
Firm F-3257

PROJECT NO.: ASD24-101-00
DATE OF TEST: 10/30/2024
ASSIGNMENT NO.: S24-018969
REPORT VERSION: A
SHEET NUMBER: 1 of 3
TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Main Sewer Line A Block 10 Stations:10+80-15+00</u>						
1	Station:10+80	6	6	11.9	106.8	98.0	Yes
2	station:12+00	6	6	12.1	106.5	97.7	Yes
3	station:13+00	6	6	11.8	107.0	98.2	Yes
4	station:15+00	6	6	12.0	106.1	97.3	Yes
	<u>12 in. Laterals Line A Stations:12+40-16+976</u>						
5	station:12+40	6	2	12.1	106.3	97.5	Yes
6	station:12+61	6	2	13.1	107.0	98.2	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
6	Dark Brown Clay with Sand (PI:21)	13.8	109.0	11.8-15.8	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauge **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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PROJECT NO.: ASD24-101-00
DATE OF TEST: 10/30/2024
ASSIGNMENT NO.: S24-018969
REPORT VERSION: A
SHEET NUMBER: 2 of 3
TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
7	station:12+91	6	2	12.8	107.4	98.5	Yes
8	station:13+11	6	2	11.8	106.5	97.7	Yes
9	station:13+41	6	2	12.6	105.0	96.3	Yes
10	station:13+61	6	2	11.8	106.6	97.8	Yes
11	station:13+91	6	2	11.9	106.5	97.7	Yes
12	station:14+11	6	2	12.7	105.5	96.8	Yes
13	station:14+41	6	2	12.1	106.2	97.4	Yes
14	station:14+61	6	2	12.3	106.6	97.8	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
6	Dark Brown Clay with Sand (PI:21)	13.8	109.0	11.8-15.8	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauge **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

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PROJECT NO.: ASD24-101-00
DATE OF TEST: 10/30/2024
ASSIGNMENT NO.: S24-018969
REPORT VERSION: A
SHEET NUMBER: 3 of 3
TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
15	station:15+06	6	2	12.8	107.8	98.9	Yes
16	station:15+28	6	2	12.7	106.9	98.1	Yes
17	station:15+58	6	2	11.9	107.8	98.9	Yes
18	station:15+78	6	2	12.0	106.3	97.5	Yes
19	station:16+06	6	2	12.6	108.7	99.7	Yes
20	station:16+46	6	2	11.9	106.0	97.2	Yes
21	station:16+96	6	2	12.3	106.0	97.2	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
6	Dark Brown Clay with Sand (PI:21)	13.8	109.0	11.8-15.8	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-65973 Troxler Gauç **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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VK Knowlton Construction (1) (E-mail Report)

VK Knowlton Construction (1) (E-mail Report)

RABA KISTNER, INC.

BY: 
11/01/2024



Updated By: Jvera 10/31/2024 12:57:05PM

Austin • Brownsville • Dallas • Houston • McAllen • Mexico • New Braunfels • Salt Lake City • San Antonio



FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 11:00 AM

Depart Site: 11:30 AM



Raba Kistner, Inc.
12821 W. Golden Lane
P.O. Box 690287, San Antonio, TX 78269-0287
(210) 699-9090 • FAX(210) 699-6426
www.rkci.com
Firm F-3257

PROJECT NO.: ASD24-101-00

DATE OF TEST: 10/31/2024

ASSIGNMENT NO.: S24-018970

REPORT VERSION: A

SHEET NUMBER: 1 of 1

TECHNICIAN: Mario Nolin

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	Rockcress Rd 12in Sewer Main on Block 10, Stations 10+02 - 14+97						
1	Station 11+20	6	7	13.7	107.6	98.7	Yes
2	Station 11+85	6	7	13.2	106.5	97.7	Yes
3	Station 12+50	6	7	13.3	107.2	98.3	Yes
4	Station 13+25	6	7	13.7	107.8	98.9	Yes
5	Station 13+90	6	7	13.2	107.3	98.4	Yes
6	Station 14+55	6	7	13.4	107.2	98.3	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
6	Dark Brown Clay with Sand (PI:21)	13.8	109.0	11.8-15.8	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-50T (3228)

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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

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COPIES TO: Above (1) (E-mail Report)

VK Knowlton Construction (1) (E-mail Report)

VK Knowlton Construction (1) (E-mail Report)

RABA KISTNER, INC.

BY: 
11/01/2024



Updated By: Mnolin 10/31/2024 2:21:08PM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY
TO: **SCOTT FELDER HOMES, LLC**
6414 RIVER PLACE BLVD., SUITE 100
AUSTIN, TX UNITED STATES 78730



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**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

PROJECT NO.: ASD24-101-00
DATE OF TEST: 10/31/2024
ASSIGNMENT NO.: S24-019005
REPORT VERSION: A
SHEET NUMBER: 1 of 1
TECHNICIAN: Mario Nolin

Arrive Site: 3:30 PM Depart Site: 4:00 PM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Rockcress Rd, Block 10, Stations 10+02 - 14+97</u>						
1	Station 10+85	5	Final	11.4	116.1	100.2	Yes
2	Station 11+40	5	Final	11.2	115.7	99.8	Yes
3	Station 11+95	5	Final	11.5	116.4	100.4	Yes
4	Station 12+35	5	Final	10.8	116.4	100.4	Yes
5	Station 13+00	5	Final	11.4	115.5	99.7	Yes
6	Station 13+55	5	Final	11.7	116.1	100.2	Yes
7	Station 14+10	5	Final	11.1	115.8	99.9	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
5	Tan Clayey Gravel with Sand (PI:14)	10.8	115.9	8.8-12.8	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-50T (3228)

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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VK Knowlton Construction (1) (E-mail Report)

RABA KISTNER, INC.

BY: 
11/01/2024



Updated By: Mnolin 11/1/2024 7:38:38AM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision Offsite Sewer - San Antonio,
Texas / RK PSD24-030-00**

Arrive Site: 12:30 PM

Depart Site: 1:30 PM



Raba Kistner, Inc.
12821 W. Golden Lane
P.O. Box 690287, San Antonio, TX 78269-0287
(210) 699-9090 • FAX(210) 699-6426
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Firm F-3257

PROJECT NO.: ASD24-100-00

DATE OF TEST: 06/17/2024

ASSIGNMENT NO.: S24-014573

REPORT VERSION: A

SHEET NUMBER: 1 of 2

TECHNICIAN: Mario Nolin

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>12" Sewer Line from Manhole A2 - A4</u>						
1	Station 5 + 47	2	1	15.8	110.0	98.6	Yes
2	Station 5 + 50	2	2	14.8	110.0	98.6	Yes
3	Station 5 + 53	2	3	15.2	109.4	98.0	Yes
4	Station 5 + 56	2	4	14.9	110.2	98.7	Yes
5	Station 5 + 59	2	Final	14.7	111.0	99.5	Yes
	<u>12" Sewer Line from Manhole A2 - A4</u>						
6	Station 6 + 00	2	1	15.3	108.0	96.8	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (PI:31)	13.9	111.6	11.9-15.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Raymondo Gonzale

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-50T (3228)

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor. Areas were stair stepped

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100
AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision Offsite Sewer - San Antonio,
Texas / RK PSD24-030-00**

Arrive Site: 12:30 PM

Depart Site: 1:30 PM



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PROJECT NO.: ASD24-100-00

DATE OF TEST: 06/17/2024

ASSIGNMENT NO.: S24-014573

REPORT VERSION: A

SHEET NUMBER: 2 of 2

TECHNICIAN: Mario Nolin

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
7	Station 6 + 03	2	2	15.4	111.8	100.2	Yes
8	Station 6 + 06	2	3	15.6	111.6	100.0	Yes
9	Station 6 + 09	2	4	15.5	109.0	97.7	Yes
10	Station 6 + 12	2	5	15.7	108.0	96.8	Yes
11	Station 6 + 15	2	Final	14.5	115.2	103.2	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (PI:31)	13.9	111.6	11.9-15.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Raymondo Gonzale

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-50T (3228)

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor. Areas were stair stepped

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COPIES TO: Above (1) (E-mail Report)

Pierce Sitework (1) (E-mail Report)

RABA KISTNER, INC.

BY: 
06/25/2024



Updated By: Mnolin 6/23/2024 7:31:34PM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision Offsite Sewer - San Antonio,
Texas / RK PSD24-030-00**

Arrive Site: 11:00 AM

Depart Site: 12:00 PM



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PROJECT NO.: ASD24-100-00

DATE OF TEST: 06/24/2024

ASSIGNMENT NO.: S24-014767

REPORT VERSION: A

SHEET NUMBER: 1 of 2

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	12 In. Sewer Line A						
1	Station:13+00	2	1	14.2	108.3	97.0	Yes
2	Station:13+05	2	2	14.0	108.4	97.1	Yes
3	Station:13+10	2	3	13.4	109.2	97.8	Yes
4	Station:13+15	2	4	14.8	107.9	96.7	Yes
5	Station:13+20	2	5	13.9	108.8	97.5	Yes
6	Station:11+50	2	1	11.9	116.3	104.2	Yes
7	station:11+55	2	2	12.7	115.1	103.1	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (PI:31)	13.9	111.6	11.9-15.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED:Fernando Gallegos

CONTRACTOR:Pierce Site Work

GAUGE NUMBER: S-65973 Troxler Gauç

GAUGE MODEL:

GAUGE MAKE: Humboldt

TEST MODE:Method A

REMARKS: Lift information was provided by contractor.

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

PROJECT: Windsong Subdivision Offsite Sewer - San Antonio, Texas / RK PSD24-030-00

Arrive Site: 11:00 AM

Depart Site: 12:00 PM



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PROJECT NO.: ASD24-100-00

DATE OF TEST: 06/24/2024

ASSIGNMENT NO.: S24-014767

REPORT VERSION: A

SHEET NUMBER: 2 of 2

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
8	station:11+60	2	3	12.7	115.0	103.0	Yes
9	station:11+65	2	4	13.0	114.6	102.7	Yes
10	station:11+70	2	5	12.3	116.1	104.0	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (PI:31)	13.9	111.6	11.9-15.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED:Fernando Gallegos

CONTRACTOR:Pierce Site Work

WEATHER: Sunny

GAUGE NUMBER: S-65973 Troxler Gauç **GAUGE MODEL:**

GAUGE MAKE: Humboldt

TEST MODE:Method A

REMARKS: Lift information was provided by contractor.

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Pierce Sitework (1) (E-mail Report)

RABA KISTNER, INC.

BY: 
06/27/2024



Updated By: Jvera 6/24/2024 12:41:10PM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision Offsite Sewer Offsite Sewer -
San Antonio, Texas / RK PSD24-030-00**

Arrive Site: 2:00 PM

Depart Site: 3:45 PM



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PROJECT NO.: ASD24-100-00

DATE OF TEST: 08/01/2024

ASSIGNMENT NO.: S24-016015

REPORT VERSION: A

SHEET NUMBER: 1 of 1

TECHNICIAN: Roberto Zavala

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	12in. Sewer line A						
1	18+00	5	1	13.9	114.9	95.4	Yes
2	18+01	5	2	13.1	116.2	96.5	Yes
3	18+02	5	3	11.4	120.3	99.9	Yes
4	18+03	5	4	12.2	119.5	99.3	Yes
5	18+04	5	F	11.7	119.8	99.5	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
5	Tan Sandy with aggregate (PI:24)	11.1	120.4	11.1-14.1	95	AASHTO T 180

REFERENCE: LANDSCAPED AREAS - GENERAL Fill

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Fernando Gallardo

CONTRACTOR: Pierce Site Work

GAUGE NUMBER: S-58F (29223)

GAUGE MODEL: 3440

GAUGE MAKE: Troxler

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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COPIES TO: Above (1) (E-mail Report)

Pierce Sitework (1) (E-mail Report)

RABA KISTNER, INC.

BY: 
08/06/2024



Updated By: RZavala 8/1/2024 6:35:01PM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

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TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730



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Firm F-3257

PROJECT NO.: ASD24-100-00

DATE OF TEST: 09/25/2024

ASSIGNMENT NO.: S24-017823

REPORT VERSION: A

SHEET NUMBER: 1 of 2

TECHNICIAN: Jonathan Martinez

**PROJECT: Windsong Subdivision Offsite Sewer Offsite Sewer -
San Antonio, Texas / RK PSD24-030-00**

Arrive Site: 12:45 PM

Depart Site: 1:45 PM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Boerne Stage Rd. 12 in. Sewer Line</u>						
1	Station 20+50	4	1	10.7	119.6	99.3	Yes
2	Station 20+51	4	2	10.4	118.7	98.5	Yes
3	Station 20+52	4	3	10.6	119.0	98.8	Yes
4	Station 20+53	4	4	10.0	118.4	98.3	Yes
5	Station 20+54	4	F	10.3	118.9	98.7	Yes
6	Station 26+50	4	1	9.7	118.3	98.2	Yes
7	Station 26+51	4	2	10.0	118.7	98.5	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
4	Tan Clayey Sand with Gravel (PI:24)	11.4	120.5	9.4-13.4	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Fernando Gallardo

CONTRACTOR: Pierce Site Work

GAUGE NUMBER: S-4787L

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision Offsite Sewer Offsite Sewer -
San Antonio, Texas / RK PSD24-030-00**

Arrive Site: 12:45 PM

Depart Site: 1:45 PM



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Firm F-3257

PROJECT NO.: ASD24-100-00

DATE OF TEST: 09/25/2024

ASSIGNMENT NO.: S24-017823

REPORT VERSION: A

SHEET NUMBER: 2 of 2

TECHNICIAN: Jonathan Martinez

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
8	Station 26+52	4	3	9.9	118.5	98.3	Yes
9	Station 26+53	4	4	10.3	118.1	98.0	Yes
10	Station 26+54	4	F	9.8	118.3	98.2	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (PCF)	LAB TEST PROCEDURE
4	Tan Clayey Sand with Gravel (PI:24)	11.4	120.5	9.4-13.4	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Fernando Gallardo

CONTRACTOR: Pierce Site Work

GAUGE NUMBER: S-4787L

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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COPIES TO: Above (1) (E-mail Report)

Pierce Sitework (1) (E-mail Report)

RABA KISTNER, INC.

BY: 
09/27/2024



Updated By: Jmartinez 9/25/2024 9:33:22PM

Austin • Brownsville • Dallas • Houston • McAllen • Mexico • New Braunfels • Salt Lake City • San Antonio



FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730



Raba Kistner, Inc.

12821 W. Golden Lane

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(210) 699-9090 • FAX(210) 699-6426

www.rkci.com

Firm F-3257

PROJECT NO.: ASD24-100-00

DATE OF TEST: 09/27/2024

ASSIGNMENT NO.: S24-017891

REPORT VERSION: A

SHEET NUMBER: 1 of 2

TECHNICIAN: Justin Dylla

**PROJECT: Windsong Subdivision Offsite Sewer Offsite Sewer -
San Antonio, Texas / RK PSD24-030-00**

Arrive Site: 07:45 AM

Depart Site: 08:45 AM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Offsite Sewer Line for Windsong</u>						
1	Station 27+50	2	1	15.8	110.4	98.9	Yes
2	Station 27+55	2	2	15.6	108.2	97.0	Yes
3	Station 27+60	2	3	13.6	108.0	96.8	Yes
4	Station 27+65	2	4	15.9	108.2	97.0	Yes
5	Station 27+70	2	5	13.5	107.2	96.1	Yes
6	Station 27+75	2	Final	13.2	108.1	96.9	Yes
7	Station 31+50	2	1	12.8	113.1	101.3	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (PI:31)	13.9	111.6	11.9-15.9	95	ASTM D 698
4	Tan Clayey Sand with Gravel (PI:24)	11.4	120.5	9.4-13.4	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Fernando Gallardo

CONTRACTOR: Pierce Site Work

GAUGE NUMBER: S-4789M

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision Offsite Sewer Offsite Sewer -
San Antonio, Texas / RK PSD24-030-00**

Arrive Site: 07:45 AM

Depart Site: 08:45 AM



Raba Kistner, Inc.
12821 W. Golden Lane
P.O. Box 690287, San Antonio, TX 78269-0287
(210) 699-9090 • FAX(210) 699-6426
www.rkci.com
Firm F-3257

PROJECT NO.: ASD24-100-00

DATE OF TEST: 09/27/2024

ASSIGNMENT NO.: S24-017891

REPORT VERSION: A

SHEET NUMBER: 2 of 2

TECHNICIAN: Justin Dylla

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
8	Station 31+40	4	2	10.8	119.6	99.3	Yes
9	Station 31+30	2	3	13.6	110.9	99.4	Yes
10	Station 31+25	2	4	12.1	114.1	102.2	Yes
11	Station 31+25	4	Final	11.2	121.6	100.9	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (PI:31)	13.9	111.6	11.9-15.9	95	ASTM D 698
4	Tan Clayey Sand with Gravel (PI:24)	11.4	120.5	9.4-13.4	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Fernando Gallardo

CONTRACTOR: Pierce Site Work

GAUGE NUMBER: S-4789M

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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Pierce Sitework (1) (E-mail Report)

RABA KISTNER, INC.

BY: 
10/01/2024



Updated By: Jdylla 9/28/2024 9:36:09AM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision Offsite Sewer Offsite Sewer -
San Antonio, Texas / RK PSD24-030-00**

Arrive Site: 12:30 PM

Depart Site: 2:00 PM



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PROJECT NO.: ASD24-100-00

DATE OF TEST: 10/10/2024

ASSIGNMENT NO.: S24-018344

REPORT VERSION: A

SHEET NUMBER: 1 of 2

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	12 in. Sewer Line Stations:33+50/ 42+50						
1	Station:33+50	2	1	12.5	115.0	103.0	Yes
2	Station:33+51	2	2	12.4	115.5	103.5	Yes
3	Station:33+52	2	3	12.2	115.0	103.0	Yes
4	Station:33+53	2	4	12.6	115.6	103.6	Yes
5	Station:33+54	2	5	11.9	117.0	104.8	Yes
6	Station:42+50	2	1	12.3	115.7	103.7	Yes
7	Station:42+51	2	2	12.4	115.4	103.4	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (PI:31)	13.9	111.6	11.9-15.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED:Fernando Gallardo

CONTRACTOR:Pierce Site Work

GAUGE NUMBER: S-65973 Troxler Gauç **GAUGE MODEL:**

GAUGE MAKE: Humboldt

TEST MODE:Method A

REMARKS: Lift information was provided by contractor.

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision Offsite Sewer Offsite Sewer -
San Antonio, Texas / RK PSD24-030-00**

Arrive Site: 12:30 PM

Depart Site: 2:00 PM



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PROJECT NO.: ASD24-100-00

DATE OF TEST: 10/10/2024

ASSIGNMENT NO.: S24-018344

REPORT VERSION: A

SHEET NUMBER: 2 of 2

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
8	Station:42+52	2	3	12.3	115.6	103.6	Yes
9	Station:42+53	2	4	12.6	115.8	103.8	Yes
10	Station:42+54	2	5	12.9	116.6	104.5	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (PCF)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (PI:31)	13.9	111.6	11.9-15.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED:Fernando Gallardo

CONTRACTOR:Pierce Site Work

GAUGE NUMBER: S-65973 Troxler Gauç **GAUGE MODEL:**

GAUGE MAKE: Humboldt

TEST MODE:Method A

REMARKS: Lift information was provided by contractor.

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Pierce Sitework (1) (E-mail Report)

RABA KISTNER, INC.

BY: Garth B. Reese
10/14/2024



Updated By: Jvera 10/11/2024 9:29:46AM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision Offsite Sewer Offsite Sewer -
San Antonio, Texas / RK PSD24-030-00**

Arrive Site: 06:30 AM

Depart Site: 07:30 AM



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PROJECT NO.: ASD24-100-00

DATE OF TEST: 10/23/2024

ASSIGNMENT NO.: S24-018709

REPORT VERSION: A

SHEET NUMBER: 1 of 2

TECHNICIAN: Jeremy Standridge

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>12 inch sewer line at station number 46+00</u>						
1	Station number 46+00	4	1	11.1	119.1	98.8	Yes
2	Station number 46+00	4	2	11.3	115.4	95.8	Yes
3	Station number 46+00	4	3	12.6	114.7	95.2	Yes
4	Station number 46+00	4	4	12.3	114.9	95.4	Yes
5	Station number 46+00	4	F	10.6	114.8	95.3	Yes
	<u>Station number 48+00</u>						
6	Station number 48+00	4	1	10.2	120.5	100.0	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
4	Tan Clayey Sand with Gravel (Pl:24)	11.4	120.5	9.4-13.4	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Fernando Gallardo

CONTRACTOR: Pierce Site Work

GAUGE NUMBER: S-21G (11969)

GAUGE MODEL: 3411-B

GAUGE MAKE: Troxler

TEST MODE: Method A

REMARKS: Lift information was provided by contractor. Lifts were stair stepped

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision Offsite Sewer Offsite Sewer -
San Antonio, Texas / RK PSD24-030-00**

Arrive Site: 06:30 AM

Depart Site: 07:30 AM



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PROJECT NO.: ASD24-100-00

DATE OF TEST: 10/23/2024

ASSIGNMENT NO.: S24-018709

REPORT VERSION: A

SHEET NUMBER: 2 of 2

TECHNICIAN: Jeremy Standridge

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
7	Station number 48+00	4	2	9.7	120.7	100.2	Yes
8	Station number 48+00	4	3	9.4	120.1	99.7	Yes
9	Station number 48+00	4	4	9.6	120.3	99.8	Yes
10	Station number 48+00	4	F	9.8	115.4	95.8	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
4	Tan Clayey Sand with Gravel (Pl:24)	11.4	120.5	9.4-13.4	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Fernando Gallardo

CONTRACTOR: Pierce Site Work

GAUGE NUMBER: S-21G (11969)

GAUGE MODEL: 3411-B

GAUGE MAKE: Troxler

TEST MODE: Method A

REMARKS: Lift information was provided by contractor. Lifts were stair stepped

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BY: 
10/29/2024



Updated By: Jstandridge 10/23/2024 11:16:04AM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision Offsite Sewer Offsite Sewer -
San Antonio, Texas / RK PSD24-030-00**

Arrive Site: 07:15 AM

Depart Site: 08:15 AM



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PROJECT NO.: ASD24-100-00

DATE OF TEST: 10/25/2024

ASSIGNMENT NO.: S24-018789

REPORT VERSION: A

SHEET NUMBER: 1 of 2

TECHNICIAN: Jeremy Standridge

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>12 inch sewer line West side of Borne Stage Road</u>						
1	Station number 50+75	4	1	9.4	121.1	100.5	Yes
2	Station number 50+75	4	2	10.7	116.0	96.3	Yes
3	Station number 50+75	4	3	9.7	121.3	100.7	Yes
4	Station number 50+75	4	4	10.5	114.7	95.2	Yes
5	Station number 50+75	4	F	9.4	124.4	103.2	Yes
6	Station number 52+20	4	1	11.7	117.9	97.8	Yes
7	Station number 52+20	4	2	9.6	114.7	95.2	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
4	Tan Clayey Sand with Gravel (PI:24)	11.4	120.5	9.4-13.4	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Fernando Gallard

CONTRACTOR: Pierce Site Work

GAUGE NUMBER: S-27I (7521)

GAUGE MODEL: 3411-B

GAUGE MAKE: Troxler

TEST MODE: Method A

REMARKS: Lift information was provided by contractor. Lifts were stair stepped.

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision Offsite Sewer Offsite Sewer -
San Antonio, Texas / RK PSD24-030-00**

Arrive Site: 07:15 AM

Depart Site: 08:15 AM



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PROJECT NO.: ASD24-100-00

DATE OF TEST: 10/25/2024

ASSIGNMENT NO.: S24-018789

REPORT VERSION: A

SHEET NUMBER: 2 of 2

TECHNICIAN: Jeremy Standridge

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
8	Station number 52+20	4	3	10.8	119.6	99.3	Yes
9	Station nuber 52+20	4	4	9.4	114.5	95.0	Yes
10	Station number 52+20	4	F	10.4	119.5	99.2	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (PCF)	LAB TEST PROCEDURE
4	Tan Clayey Sand with Gravel (Pl:24)	11.4	120.5	9.4-13.4	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Fernando Gallard

CONTRACTOR: Pierce Site Work

WEATHER: Sunny

GAUGE NUMBER: S-271 (7521)

GAUGE MODEL: 3411-B

GAUGE MAKE: Troxler

TEST MODE: Method A

REMARKS: Lift information was provided by contractor. Lifts were stair stepped.

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RABA KISTNER, INC.

BY: 
10/29/2024



Updated By: Jstandridge 10/25/2024 8:15:20AM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY
TO: **SCOTT FELDER HOMES, LLC**
6414 RIVER PLACE BLVD., SUITE 100
AUSTIN, TX UNITED STATES 78730



Raba Kistner, Inc.
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P.O. Box 690287, San Antonio, TX 78269-0287
(210) 699-9090 • FAX(210) 699-6426
www.rkci.com
Firm F-3257

**PROJECT: Windsong Subdivision Offsite Sewer Offsite Sewer -
San Antonio, Texas / RK PSD24-030-00**

PROJECT NO.: ASD24-100-00
DATE OF TEST: 01/03/2025
ASSIGNMENT NO.: S25-010186
REPORT VERSION: A
SHEET NUMBER: 1 of 1
TECHNICIAN: Mario Nolin

Arrive Site: 1:00 PM Depart Site: 2:00 PM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	12 in Sewer Line on Stations 37+50 - 38+00						
1	Station 37+54	1	1	12.4	114.3	95.5	Yes
2	Station 37+57	1	2	12.6	114.9	96.0	Yes
3	Station 37+60	1	3	13.9	113.9	95.2	Yes
4	Station 37+63	1	4	11.7	116.4	97.2	Yes
5	Station 37+66	1	5	13.7	118.6	99.1	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Fernando Gallardo

CONTRACTOR: Pierce Site Work

GAUGE NUMBER: S-50T (3228)

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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

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BY: 
01/14/2025



Updated By: Mnolin 1/13/2025 11:05:27PM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test



ATTN.: MR. LEE PELFREY
TO: **SCOTT FELDER HOMES, LLC**
6414 RIVER PLACE BLVD., SUITE 100
AUSTIN, TX UNITED STATES 78730

Raba Kistner, Inc.
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P.O. Box 690287, San Antonio, TX 78269-0287
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www.rkci.com
Firm F-3257

**PROJECT: Windsong Subdivision Offsite Sewer Offsite Sewer -
San Antonio, Texas / RK PSD24-030-00**

PROJECT NO.: ASD24-100-00
DATE OF TEST: 02/05/2025
ASSIGNMENT NO.: S25-010785
REPORT VERSION: A
SHEET NUMBER: 1 of 2
TECHNICIAN: Javier Flores

Arrive Site: 11:00 AM Depart Site: 1:00 PM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	Off site 12 in. Sewer line from Station 58+01 to 62+02						
1	Station 59+21	4	1	12.6	120.5	100.0	Yes
2	Station 59+22	4	2	13.0	119.8	99.4	Yes
3	Station 59+23	4	3	12.3	117.9	97.8	Yes
4	Station 59+24	4	4	12.3	116.3	96.5	Yes
5	Station 59+25	4	F	12.0	120.0	99.6	Yes
6	Station 61+01	4	1	12.2	120.7	100.2	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
4	Tan Clayey Sand with Gravel (PI:24)	11.4	120.5	9.4-13.4	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Fernando Gallardo

CONTRACTOR: Pierce Site Work

GAUGE NUMBER: S-4787L

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY
TO: **SCOTT FELDER HOMES, LLC**
6414 RIVER PLACE BLVD., SUITE 100
AUSTIN, TX UNITED STATES 78730



Raba Kistner, Inc.
12821 W. Golden Lane
P.O. Box 690287, San Antonio, TX 78269-0287
(210) 699-9090 • FAX(210) 699-6426
www.rkci.com
Firm F-3257

**PROJECT: Windsong Subdivision Offsite Sewer Offsite Sewer -
San Antonio, Texas / RK PSD24-030-00**

PROJECT NO.: ASD24-100-00
DATE OF TEST: 02/05/2025
ASSIGNMENT NO.: S25-010785
REPORT VERSION: A
SHEET NUMBER: 2 of 2
TECHNICIAN: Javier Flores

Arrive Site: 11:00 AM Depart Site: 1:00 PM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
7	Station 61+02	4	2	11.9	118.3	98.2	Yes
8	Station 61+03	4	3	12.8	119.6	99.3	Yes
9	Station 61+04	4	4	12.0	115.3	95.7	Yes
10	Station 61+05	4	F	11.8	118.1	98.0	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
4	Tan Clayey Sand with Gravel (PI:24)	11.4	120.5	9.4-13.4	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Fernando Gallardo

CONTRACTOR: Pierce Site Work

GAUGE NUMBER: S-4787L

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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RABA KISTNER, INC.

BY: 
02/06/2025



Updated By: johnmorgan 2/6/2025 2:56:47PM

Reviewed By: John Morgan 2/6/2025 2:56:47PM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test



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TO: **SCOTT FELDER HOMES, LLC**
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PROJECT NO.: ASD24-100-00
DATE OF TEST: 02/07/2025
ASSIGNMENT NO.: S25-010838
REPORT VERSION: A
SHEET NUMBER: 1 of 2
TECHNICIAN: Jonathan Martinez

**PROJECT: Windsong Subdivision Offsite Sewer Offsite Sewer -
San Antonio, Texas / RK PSD24-030-00**

Arrive Site: 07:30 AM Depart Site: 09:15 AM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>12 in Sewer Line Manhole A-18—A-19</u>						
1	Station 63+02	4	1	10.0	119.1	98.8	Yes
2	Station 63+03	4	2	9.6	118.6	98.4	Yes
3	Station 63+04	4	3	9.9	118.0	97.9	Yes
4	Station 63+05	4	4	10.2	118.6	98.4	Yes
5	Station 63+06	4	5	9.9	119.0	98.8	Yes
	<u>12 in Sewer Line Manhole A-19—A-19A</u>						

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
4	Tan Clayey Sand with Gravel (PI:24)	11.4	120.5	9.4-13.4	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Fernando Gallardo

CONTRACTOR: Pierce Site Work

GAUGE NUMBER: S-4788K

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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Soil/Base Material Nuclear Density Test



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**PROJECT: Windsong Subdivision Offsite Sewer Offsite Sewer -
San Antonio, Texas / RK PSD24-030-00**

PROJECT NO.: ASD24-100-00
DATE OF TEST: 02/07/2025
ASSIGNMENT NO.: S25-010838
REPORT VERSION: A
SHEET NUMBER: 2 of 2
TECHNICIAN: Jonathan Martinez

Arrive Site: 07:30 AM Depart Site: 09:15 AM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
6	Station 65+62	4	1	10.2	117.8	97.8	Yes
7	Station 65+63	4	2	9.6	118.2	98.1	Yes
8	Station 65+64	4	3	9.8	117.6	97.6	Yes
9	Station 65+65	4	4	10.0	117.9	97.8	Yes
10	Station 65+66	4	5	9.7	118.2	98.1	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
4	Tan Clayey Sand with Gravel (PI:24)	11.4	120.5	9.4-13.4	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Fernando Gallardo

CONTRACTOR: Pierce Site Work

GAUGE NUMBER: S-4788K

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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BY: 
02/11/2025



Updated By: johnmorgan 2/10/2025 2:03:50PM

Reviewed By: John Morgan 2/10/2025 2:03:50PM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test



ATTN.: MR. LEE PELFREY
TO: **SCOTT FELDER HOMES, LLC**
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PROJECT NO.: ASD24-100-00
DATE OF TEST: 02/12/2025
ASSIGNMENT NO.: S25-010932
REPORT VERSION: A
SHEET NUMBER: 1 of 3
TECHNICIAN: Juan Vera

**PROJECT: Windsong Subdivision Offsite Sewer Offsite Sewer -
San Antonio, Texas / RK PSD24-030-00**

Arrive Site: 11:00 AM Depart Site: 1:00 PM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>12in. Sewer Line Stations:76+21,68+93,70+21</u>						
1	Station:68+95	1	1	9.9	124.3	103.8	Yes
2	Station:69+95	1	2	9.9	121.4	101.4	Yes
3	Station:69+95	1	3	10.0	121.5	101.5	Yes
4	Station:69+95	1	4	10.2	123.0	102.8	Yes
5	Station:68+95	1	F	9.9	122.0	101.9	Yes
6	Station:76+21	1	1	10.1	121.0	101.1	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED:Fernando Gallardo

CONTRACTOR:Pierce Site Work

GAUGE NUMBER: S-65973 Troxler Gauç **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE:Method A

REMARKS: Lift information was provided by contractor.

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test



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AUSTIN, TX UNITED STATES 78730

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PROJECT NO.: ASD24-100-00
DATE OF TEST: 02/12/2025
ASSIGNMENT NO.: S25-010932
REPORT VERSION: A
SHEET NUMBER: 2 of 3
TECHNICIAN: Juan Vera

**PROJECT: Windsong Subdivision Offsite Sewer Offsite Sewer -
San Antonio, Texas / RK PSD24-030-00**

Arrive Site: 11:00 AM Depart Site: 1:00 PM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
7	Station:76+21	1	2	10.4	121.7	101.7	Yes
8	Station:76+21	1	3	10.6	121.6	101.6	Yes
9	Station:76+21	1	4	10.2	121.5	101.5	Yes
10	Station:76+21	1	F	9.9	121.0	101.1	Yes
11	Station:70+53	1	1	10.8	121.2	101.3	Yes
12	Station:70+53	1	2	10.6	121.5	101.5	Yes
13	Station:70+53	1	3	9.9	121.3	101.3	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED:Fernando Gallardo

CONTRACTOR:Pierce Site Work

GAUGE NUMBER: S-65973 Troxler Gauç **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE:Method A

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test



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**PROJECT: Windsong Subdivision Offsite Sewer Offsite Sewer -
San Antonio, Texas / RK PSD24-030-00**

PROJECT NO.: ASD24-100-00
DATE OF TEST: 02/12/2025
ASSIGNMENT NO.: S25-010932
REPORT VERSION: A
SHEET NUMBER: 3 of 3
TECHNICIAN: Juan Vera

Arrive Site: 11:00 AM Depart Site: 1:00 PM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
14	Station:70+53	1	4	10.9	121.0	101.1	Yes
15	Station:70+53	1	F	10.6	121.4	101.4	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED:Fernando Gallardo

CONTRACTOR:Pierce Site Work

GAUGE NUMBER: S-65973 Troxler Gauç **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE:Method A

REMARKS: Lift information was provided by contractor.

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BY: 
02/24/2025



Updated By: RF 2/21/2025 2:24:29PM

Reviewed By: RF 2/21/2025 2:23:49PM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test



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AUSTIN, TX UNITED STATES 78730

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**PROJECT: Windsong Subdivision Offsite Sewer Offsite Sewer -
San Antonio, Texas / RK PSD24-030-00**

PROJECT NO.: ASD24-100-00
DATE OF TEST: 02/13/2025
ASSIGNMENT NO.: S25-010952
REPORT VERSION: A
SHEET NUMBER: 1 of 2
TECHNICIAN: Jonathan Martinez

Arrive Site: 1:00 PM Depart Site: 2:30 PM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>12 in. Sewer 70+53 - 74+53</u>						
1	Station 71+45	1	1	9.9	118.3	98.8	Yes
2	Station 71+46	1	2	10.0	117.9	98.5	Yes
3	Station 71+47	1	3	9.9	118.8	99.2	Yes
4	Station 71+48	1	4	9.9	117.7	98.3	Yes
5	Station 71+49	1	F	10.1	118.4	98.9	Yes
6	Station 71+15	1	1	9.9	120.2	100.4	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Fernando Gallardo

CONTRACTOR: Pierce site work

GAUGE NUMBER: S-4788K

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

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AUSTIN, TX UNITED STATES 78730



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**PROJECT: Windsong Subdivision Offsite Sewer Offsite Sewer -
San Antonio, Texas / RK PSD24-030-00**

PROJECT NO.: ASD24-100-00
DATE OF TEST: 02/13/2025
ASSIGNMENT NO.: S25-010952
REPORT VERSION: A
SHEET NUMBER: 2 of 2
TECHNICIAN: Jonathan Martinez

Arrive Site: 1:00 PM Depart Site: 2:30 PM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
7	Station 73+16	1	2	10.1	119.5	99.8	Yes
8	Station 73+17	1	3	9.9	119.9	100.2	Yes
9	Station 73+18	1	4	10.0	120.0	100.3	Yes
10	Station 73+19	1	F	10.2	119.3	99.7	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Fernando Gallardo

CONTRACTOR: Pierce site work

GAUGE NUMBER: S-4788K

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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BY: 
02/24/2025



Updated By: RF 2/21/2025 2:25:03PM

Reviewed By: RF 2/21/2025 2:23:17PM

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PROJECT NO.: ASD24-100-00
DATE OF TEST: 02/14/2025
ASSIGNMENT NO.: S25-010990
REPORT VERSION: A
SHEET NUMBER: 1 of 2
TECHNICIAN: Javier Flores

**PROJECT: Windsong Subdivision Offsite Sewer Offsite Sewer -
San Antonio, Texas / RK PSD24-030-00**

Arrive Site: 1:00 PM Depart Site: 2:00 PM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>12 in. Sewer Line from Station 73+79 to 76+08</u>						
1	Station 74+74	1	1	12.2	117.3	98.0	Yes
2	Station 74+75	1	2	11.5	119.6	99.9	Yes
3	Station 74+76	1	3	11.9	116.9	97.7	Yes
4	Station 74+77	1	4	10.2	118.2	98.7	Yes
5	Station 74+78	1	F	10.9	117.7	98.3	Yes
6	Station 75+88	1	1	12.5	116.6	97.4	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: BUILDING PAD - SELECT FILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Fernando Gallardo

CONTRACTOR: Pierce Site Works

GAUGE NUMBER: S-4787L

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

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AUSTIN, TX UNITED STATES 78730



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Firm F-3257

**PROJECT: Windsong Subdivision Offsite Sewer Offsite Sewer -
San Antonio, Texas / RK PSD24-030-00**

PROJECT NO.: ASD24-100-00
DATE OF TEST: 02/14/2025
ASSIGNMENT NO.: S25-010990
REPORT VERSION: A
SHEET NUMBER: 2 of 2
TECHNICIAN: Javier Flores

Arrive Site: 1:00 PM Depart Site: 2:00 PM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
7	Station 75+89	1	2	11.2	117.1	97.8	Yes
8	Station 75+90	1	3	12.5	119.8	100.1	Yes
9	Station 75+91	1	4	11.3	120.1	100.3	Yes
10	Station 75+92	1	F	10.4	117.5	98.2	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: BUILDING PAD - SELECT FILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Fernando Gallardo

CONTRACTOR: Pierce Site Works

GAUGE NUMBER: S-4787L

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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

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COPIES TO: Above (1) (E-mail Report)
Pierce Sitework (1) (E-mail Report)

RABA KISTNER, INC.

BY: 
02/24/2025



Updated By: Jaflores 2/14/2025 6:22:17PM

Reviewed By: RF 2/21/2025 2:22:51PM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test



ATTN.: MR. LEE PELFREY
TO: **SCOTT FELDER HOMES, LLC**
6414 RIVER PLACE BLVD., SUITE 100
AUSTIN, TX UNITED STATES 78730

Raba Kistner, Inc.
12821 W. Golden Lane
P.O. Box 690287, San Antonio, TX 78269-0287
(210) 699-9090 • FAX(210) 699-6426
www.rkci.com
Firm F-3257

PROJECT NO.: ASD24-100-00
DATE OF TEST: 02/17/2025
ASSIGNMENT NO.: S25-011041
REPORT VERSION: A
SHEET NUMBER: 1 of 2
TECHNICIAN: Juan Vera

**PROJECT: Windsong Subdivision Offsite Sewer Offsite Sewer -
San Antonio, Texas / RK PSD24-030-00**

Arrive Site: 1:00 PM Depart Site: 2:30 PM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	12in. Sewer Line Stations:Manhole 22A -Manhole H23 Stations:76+86 - 78+54						
1	Station:76+86	1	1	10.0	124.9	104.3	Yes
2	station:76+87	1	2	9.9	121.9	101.8	Yes
3	station:76+88	1	3	9.9	121.0	101.1	Yes
4	station:76+89	1	4	10.5	121.7	101.7	Yes
5	station:76+90	1	F	10.2	122.9	102.7	Yes
6	station:78+54	1	1	10.1	121.8	101.8	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED:Juan Carrizales

CONTRACTOR:Pierce Sitework

GAUGE NUMBER: S-65973 Troxler Gauç **GAUGE MODEL:** 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE:Method A

REMARKS: Lift information was provided by contractor.

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

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PROJECT NO.: ASD24-100-00
DATE OF TEST: 02/17/2025
ASSIGNMENT NO.: S25-011041
REPORT VERSION: A
SHEET NUMBER: 2 of 2
TECHNICIAN: Juan Vera

**PROJECT: Windsong Subdivision Offsite Sewer Offsite Sewer -
San Antonio, Texas / RK PSD24-030-00**

Arrive Site: 1:00 PM Depart Site: 2:30 PM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
7	station:78+55	1	2	10.4	121.7	101.7	Yes
8	station:78+56	1	3	10.6	121.1	101.2	Yes
9	station:78+57	1	4	10.2	121.9	101.8	Yes
10	station:78+58	1	F	9.9	121.0	101.1	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Juan Carrizales

CONTRACTOR: Pierce Sitework

GAUGE NUMBER: S-65973 Troxler Gauç **GAUGE MODEL:** 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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Updated By: RF 2/21/2025 2:26:13PM

Reviewed By: RF 2/21/2025 2:22:35PM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test



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TO: **SCOTT FELDER HOMES, LLC**
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PROJECT NO.: ASD24-100-00
DATE OF TEST: 02/18/2025
ASSIGNMENT NO.: S25-011104
REPORT VERSION: A
SHEET NUMBER: 1 of 2
TECHNICIAN: Juan Vera

**PROJECT: Windsong Subdivision Offsite Sewer Offsite Sewer -
San Antonio, Texas / RK PSD24-030-00**

Arrive Site: 2:00 PM Depart Site: 3:30 PM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>12in. Sewer Line From Manhole A-23 to A-25</u>						
1	Station:80+72	1	1	10.0	123.9	103.5	Yes
2	station:80+73	1	2	9.9	122.0	101.9	Yes
3	station:80+74	1	3	9.9	121.9	101.8	Yes
4	station:80+75	1	4	10.5	121.3	101.3	Yes
5	station:80+76	1	F	10.2	122.1	102.0	Yes
6	station:83+43	1	1	10.8	122.9	102.7	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Juan Carizales

CONTRACTOR: Pierce Site Work

GAUGE NUMBER: S-65973 Troxler Gauç **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test



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**PROJECT: Windsong Subdivision Offsite Sewer Offsite Sewer -
San Antonio, Texas / RK PSD24-030-00**

PROJECT NO.: ASD24-100-00
DATE OF TEST: 02/18/2025
ASSIGNMENT NO.: S25-011104
REPORT VERSION: A
SHEET NUMBER: 2 of 2
TECHNICIAN: Juan Vera

Arrive Site: 2:00 PM Depart Site: 3:30 PM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
7	station:83+44	1	2	10.6	121.0	101.1	Yes
8	station:83+45	1	3	9.9	119.8	100.1	Yes
9	station:83+46	1	4	10.9	121.8	101.8	Yes
10	station:83+47	1	F	10.6	121.4	101.4	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Juan Carizales

CONTRACTOR: Pierce Site Work

GAUGE NUMBER: S-65973 Troxler Gauç **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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RABA KISTNER, INC.

BY: 
02/24/2025



Updated By: RF 2/21/2025 2:26:45PM

Reviewed By: RF 2/21/2025 2:22:17PM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test



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Firm F-3257

PROJECT NO.: ASD24-100-00
DATE OF TEST: 02/19/2025
ASSIGNMENT NO.: S25-011137
REPORT VERSION: A
SHEET NUMBER: 1 of 2
TECHNICIAN: JOHN KINDLE

**PROJECT: Windsong Subdivision Offsite Sewer Offsite Sewer -
San Antonio, Texas / RK PSD24-030-00**

Arrive Site: 1:45 PM Depart Site: 2:45 PM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Sewer Line, South Trench</u>						
1	Station 90+93	4	-5 ft	9.9	113.7	94.4 *	No
2	Station 91+00	4	-3.5 ft	9.9	118.8	98.6	Yes
3	Station 91+07	4	-2 ft	8.2*	115.5	95.9	No
4	Station 91+14	4	-1 ft	7.4*	120.9	100.3	No
5	Station 91+21	4	Final	8.5*	120.8	100.2	No
	<u>Sewer Line, North Trench</u>						

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
4	Tan Clayey Sand with Gravel (Pl:24)	11.4	120.5	9.4-13.4	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Fernando/PSW

CONTRACTOR: Pierce Site Work

GAUGE NUMBER: S-46C (314)

GAUGE MODEL: 3450

GAUGE MAKE: Troxler

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

*Contractor placed 12" lifts. Testing spots were stair-stepped cut prior to testing. Failure due primarily to Low Moisture.

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

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730



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PROJECT NO.: ASD24-100-00

DATE OF TEST: 02/19/2025

ASSIGNMENT NO.: S25-011137

REPORT VERSION: A

SHEET NUMBER: 2 of 2

TECHNICIAN: JOHN KINDLE

Arrive Site: 1:45 PM

Depart Site: 2:45 PM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
1	Station 95+48	4	-5 ft	12.3	119.9	99.5	Yes
2	Station 95+55	4	-3.5 ft	7.5*	109.0	90.5 *	No
3	Station 95+62	4	-2 ft	8.7*	115.6	95.9	No
4	Station 95+69	4	-1 ft	6.8*	120.3	99.8	No
5	Station 95+76	4	Final	7.1*	122.5	101.7	No

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
4	Tan Clayey Sand with Gravel (PI:24)	11.4	120.5	9.4-13.4	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Fernando/PSW

CONTRACTOR: Pierce Site Work

GAUGE NUMBER: S-46C (314)

GAUGE MODEL: 3450

GAUGE MAKE: Troxler

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

*Contractor placed 12" lifts. Testing spots were stair-stepped cut prior to testing. Failure due primarily to Low Moisture.

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Pierce Sitework (1) (E-mail Report)

RABA KISTNER, INC.

BY: 
03/03/2025

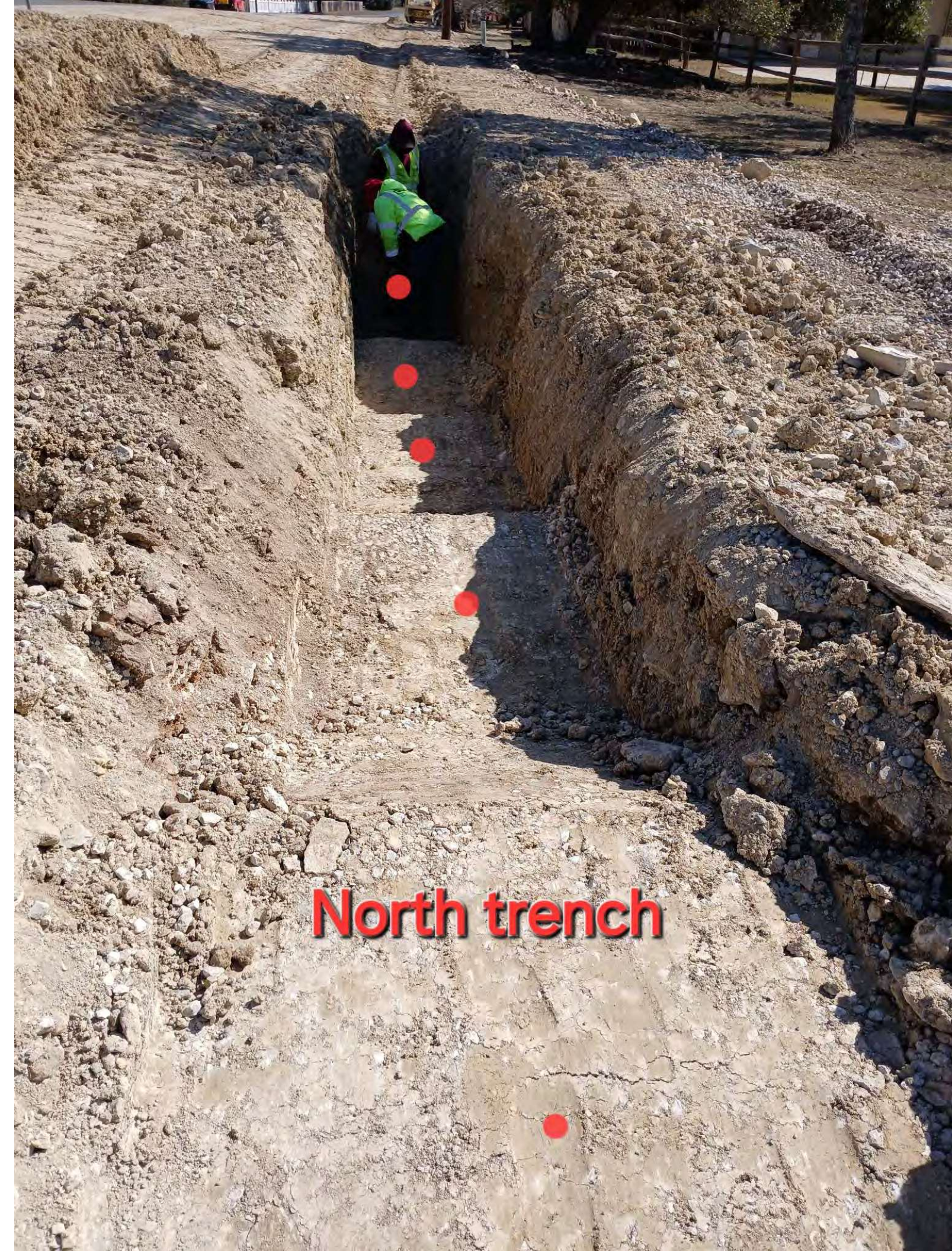


Updated By: Jkindle 2/26/2025 9:35:11AM

Reviewed By: RF 2/28/2025 4:54:53PM

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North trench



South trench

FIELD TEST REPORT

Soil/Base Material Nuclear Density Test



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6414 RIVER PLACE BLVD., SUITE 100
AUSTIN, TX UNITED STATES 78730

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Firm F-3257

**PROJECT: Windsong Subdivision Offsite Sewer Offsite Sewer -
San Antonio, Texas / RK PSD24-030-00**

PROJECT NO.: ASD24-100-00
DATE OF TEST: 02/20/2025
ASSIGNMENT NO.: S25-011170
REPORT VERSION: A
SHEET NUMBER: 1 of 2
TECHNICIAN: Joe Hernandez

Arrive Site: 1:00 PM Depart Site: 2:00 PM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>12in. Sewer Line From Manhole A-25 to A-27</u>						
1	Station Number 90+93	1	1	10.7	119.0	99.4	Yes
2	Station Number 90+94	1	2	11.2	118.7	99.2	Yes
3	Station Number 90+95	1	3	12.8	117.9	98.5	Yes
4	Station Number 90+96	1	4	11.8	118.9	99.3	Yes
5	Station Number 90+97	1	5	12.9	117.8	98.4	Yes
6	Station Number 95+48	1	1	12.5	119.2	99.6	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Juan Carizalez

CONTRACTOR: Pierce Site Work

GAUGE NUMBER: S-54N (1006)

GAUGE MODEL:

GAUGE MAKE: Troxler

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test



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AUSTIN, TX UNITED STATES 78730

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**PROJECT: Windsong Subdivision Offsite Sewer Offsite Sewer -
San Antonio, Texas / RK PSD24-030-00**

PROJECT NO.: ASD24-100-00
DATE OF TEST: 02/20/2025
ASSIGNMENT NO.: S25-011170
REPORT VERSION: A
SHEET NUMBER: 2 of 2
TECHNICIAN: Joe Hernandez

Arrive Site: 1:00 PM Depart Site: 2:00 PM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
7	Station Number 95+49	1	2	11.5	118.8	99.2	Yes
8	Station Number 95+50	1	3	10.3	119.2	99.6	Yes
9	Station Number 95+51	1	4	12.6	117.7	98.3	Yes
10	Station Number 95+52	1	5	11.7	118.2	98.7	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Juan Carizalez

CONTRACTOR: Pierce Site Work

GAUGE NUMBER: S-54N (1006)

GAUGE MODEL:

GAUGE MAKE: Troxler

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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RABA KISTNER, INC.

BY: 
02/21/2025



Updated By: Joe Hernandez 2/20/2025 9:03:32PM

Reviewed By: RF 2/21/2025 2:21:52PM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

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AUSTIN, TX UNITED STATES 78730



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**PROJECT: Windsong Subdivision Offsite Sewer Offsite Sewer -
San Antonio, Texas / RK PSD24-030-00**

PROJECT NO.: ASD24-100-00
DATE OF TEST: 02/21/2025
ASSIGNMENT NO.: S25-011190
REPORT VERSION: A
SHEET NUMBER: 1 of 1
TECHNICIAN: Juan Vera

Arrive Site: 1:30 PM Depart Site: 2:30 PM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	12 in. Sewer Line From Manhole A-27 to Manhole A-28						
1	Station:97+53	1	1	10.0	124.5	104.0	Yes
2	station:97+54	1	2	9.9	121.9	101.8	Yes
3	station:97+55	1	3	10.5	122.0	101.9	Yes
4	station:97+56	1	4	11.9	123.9	103.5	Yes
5	station:97+57	1	5	10.1	122.0	101.9	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED:Julio Carizales

CONTRACTOR:Pierce Site Work

WEATHER: Sunny

GAUGE NUMBER: S-65973 Troxler Gauç **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE:Method A

REMARKS: Lift information was provided by contractor.

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RABA KISTNER, INC.

BY: 
02/25/2025



Updated By: Jvera 2/24/2025 10:14:40AM

Reviewed By: RF 2/24/2025 6:49:38PM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test



ATTN.: MR. LEE PELFREY
TO: **SCOTT FELDER HOMES, LLC**
6414 RIVER PLACE BLVD., SUITE 100
AUSTIN, TX UNITED STATES 78730

Raba Kistner, Inc.
12821 W. Golden Lane
P.O. Box 690287, San Antonio, TX 78269-0287
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Firm F-3257

PROJECT NO.: ASD24-100-00
DATE OF TEST: 03/08/2025
ASSIGNMENT NO.: S25-011583
REPORT VERSION: A
SHEET NUMBER: 1 of 1
TECHNICIAN: Mario Nolin

**PROJECT: Windsong Subdivision Offsite Sewer Offsite Sewer -
San Antonio, Texas / RK PSD24-030-00**

Arrive Site: 07:30 AM Depart Site: 08:30 AM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Southeast Off-site Sewer</u>						
1	20 ft North by 10 ft East of 5e Southwest corner of area	2	1	14.8	112.3	100.6	Yes
2	45 ft North by 20 ft East of 5e Southwest corner of area	2	1	14.2	110.8	99.3	Yes
3	65 ft North by 18 ft East of 5e Southwest corner of area	2	1	13.9	111.7	100.1	Yes
4	85 ft North by 15 ft East of 5e Southwest corner of area	2	1	14.5	111.9	100.3	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
2	Dark Brown Clayey Gravel with Sand (PI:31)	13.9	111.6	11.9-15.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED:Mundo

CONTRACTOR:Pierce Site Work

WEATHER: Sunny

GAUGE NUMBER: S-50T (3228)

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE:Method A

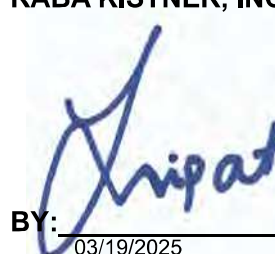
REMARKS: Lift information was provided by contractor.

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

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RABA KISTNER, INC.

BY: 
03/19/2025



Updated By: johnmorgan 3/14/2025 10:25:43AM

Reviewed By: John Morgan 3/14/2025 10:25:43AM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY
TO: **SCOTT FELDER HOMES, LLC**
6414 RIVER PLACE BLVD., SUITE 100
AUSTIN, TX UNITED STATES 78730



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**PROJECT: Windsong Subdivision Offsite Sewer Offsite Sewer -
San Antonio, Texas / RK PSD24-030-00**

PROJECT NO.: ASD24-100-00
DATE OF TEST: 03/11/2025
ASSIGNMENT NO.: S25-011628
REPORT VERSION: A
SHEET NUMBER: 1 of 1
TECHNICIAN: Juan Vera

Arrive Site: 07:00 AM Depart Site: 08:30 AM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	Line A trench /easement backfill Station:1+00-10+00						
1	Sta.2+00	1	2	9.9	119.3	99.7	Yes
2	Sta.4+00	1	2	10.0	118.5	99.0	Yes
3	Sta.6+00	1	2	9.9	118.7	99.2	Yes
4	Sta.8+00	1	2	10.1	119.5	99.8	Yes
5	Sta.9+00	1	2	9.9	119.5	99.8	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: FILL AREAS - GENERAL FILL; UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: James Villareal

CONTRACTOR: Pierce Site Work

GAUGE NUMBER: S-65973 Troxler Gauge **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

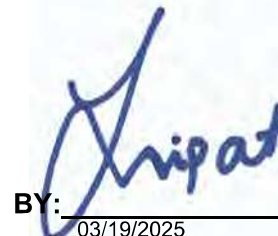
REMARKS: Lift information was provided by contractor.

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

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RABA KISTNER, INC.

BY: 
03/19/2025



Updated By: AT 3/19/2025 3:39:36PM

Reviewed By: John Morgan 3/14/2025 10:25:56AM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY
TO: **SCOTT FELDER HOMES, LLC**
6414 RIVER PLACE BLVD., SUITE 100
AUSTIN, TX UNITED STATES 78730



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**PROJECT: Windsong Subdivision Offsite Sewer Offsite Sewer -
San Antonio, Texas / RK PSD24-030-00**

PROJECT NO.: ASD24-100-00
DATE OF TEST: 03/19/2025
ASSIGNMENT NO.: S25-011884
REPORT VERSION: A
SHEET NUMBER: 1 of 1
TECHNICIAN: Ethan Martinez

Arrive Site: 01:00 AM Depart Site: 2:30 PM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Sewer Line between Man Holes: A1B, A2</u>						
1	Station 3+00	4	1	9.9	121.2	100.6	Yes
2	Station 3+01	4	2	11.1	118.9	98.7	Yes
3	Station 3+02	4	3	9.6	120.3	99.8	Yes
4	Station 3+03	4	4	10.9	117.9	97.8	Yes
5	Station 3+04	4	5	9.5	120.3	99.8	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
4	Tan Clayey Sand with Gravel (PI:24)	11.4	120.5	9.4-13.4	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Fernando Galardo

CONTRACTOR: Pierce Site Work

GAUGE NUMBER: S-46C (314)

GAUGE MODEL: 3450

GAUGE MAKE: Troxler

TEST MODE: Method A

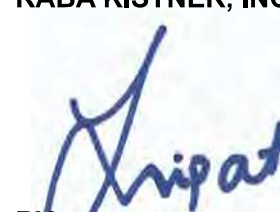
REMARKS: Lift information was provided by contractor.

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BY: 
04/01/2025



Updated By: johnmorgan 4/1/2025 8:44:51AM

Reviewed By: John Morgan 4/1/2025 8:44:51AM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY
TO: **SCOTT FELDER HOMES, LLC**
6414 RIVER PLACE BLVD., SUITE 100
AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 2:00 PM Depart Site: 4:30 PM



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PROJECT NO.: ASD24-101-00
DATE OF TEST: 07/03/2024
ASSIGNMENT NO.: S24-015120
REPORT VERSION: A
SHEET NUMBER: 1 of 1
TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Main Sewer Line A from Manhole A10 to A12 Stations:26+97-31+35</u>						
1	Line A Station:26+50	3	1	10.6	122.9	101.2	Yes
2	Line A Station:27+50	3	1	11.5	121.2	99.8	Yes
3	Line A Station:28+50	3	1	10.8	121.7	100.2	Yes
4	Line A Station:30+00	3	1	11.0	122.1	100.5	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
3	Tan Clayey Gravel with Sand (Pl:11)	10.6	121.5	8.6-12.6	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Enrique Martinez

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-65973 Troxler Gauç **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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

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BY: 
07/09/2024



Updated By: Jvera 7/5/2024 9:54:12AM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 2:00 PM

Depart Site: 4:30 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/03/2024

ASSIGNMENT NO.: S24-015121

REPORT VERSION: A

SHEET NUMBER: 1 of 3

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Main Sewer Line A Laterals from A10 to A12</u>						
1	Lot 44	3	1	12.0	120.1	98.8	Yes
2	Lot 43	3	1	12.6	122.7	101.0	Yes
3	Lot 42	3	1	12.6	122.1	100.5	Yes
4	Lot 41	3	1	12.5	126.7	104.3	Yes
5	Lot 40	3	1	12.6	126.7	104.3	Yes
6	Lot 39	3	1	12.1	127.0	104.5	Yes
7	Lot 38	3	1	12.3	126.5	104.1	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
3	Tan Clayey Gravel with Sand (PI:11)	10.6	121.5	8.6-12.6	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Enrique Martinez

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauge **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 2:00 PM

Depart Site: 4:30 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/03/2024

ASSIGNMENT NO.: S24-015121

REPORT VERSION: A

SHEET NUMBER: 2 of 3

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
8	Lot 37	3	1	12.5	126.8	104.4	Yes
9	Lot 44	3	2	12.1	120.1	98.8	Yes
10	Lot 43	3	2	12.5	122.6	100.9	Yes
11	Lot 42	3	2	12.1	122.1	100.5	Yes
12	Lot 41	3	2	12.4	126.8	104.4	Yes
13	Lot 40	3	2	12.5	126.8	104.4	Yes
14	Lot 39	3	2	12.0	127.0	104.5	Yes
15	Lot 38	3	2	12.2	126.4	104.0	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
3	Tan Clayey Gravel with Sand (PI:11)	10.6	121.5	8.6-12.6	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Enrique Martinez

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauge **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 2:00 PM

Depart Site: 4:30 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/03/2024

ASSIGNMENT NO.: S24-015121

REPORT VERSION: A

SHEET NUMBER: 3 of 3

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
16	Lot 37	3	2	12.5	122.8	101.1	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
3	Tan Clayey Gravel with Sand (Pl:11)	10.6	121.5	8.6-12.6	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Enrique Martinez

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-65973 Troxler Gauge **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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BY: 
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Updated By: Jvera 7/5/2024 10:06:41AM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY
TO: **SCOTT FELDER HOMES, LLC**
6414 RIVER PLACE BLVD., SUITE 100
AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 2:00 PM Depart Site: 4:30 PM



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PROJECT NO.: ASD24-101-00
DATE OF TEST: 07/03/2024
ASSIGNMENT NO.: S24-015143
REPORT VERSION: A
SHEET NUMBER: 1 of 1
TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Main Sewer Line A from Manhole A10 to A12</u> <u>Stations:26+97-31+35</u>						
1	Line A Station:26+00	3	2	10.6	122.9	101.2	Yes
2	Line A Station:27+00	3	2	11.5	121.2	99.8	Yes
3	Line A Station:28+50	3	2	10.8	121.7	100.2	Yes
4	Line A Station:30+00	3	2	11.0	122.1	100.5	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
3	Tan Clayey Gravel with Sand (Pl:11)	10.6	121.5	8.6-12.6	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Enrique Hernandez

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-65973 Troxler Gauç **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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

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BY: 
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Updated By: Jvera 7/5/2024 10:06:03AM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 09:00 AM

Depart Site: 3:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/05/2024

ASSIGNMENT NO.: S24-015149

REPORT VERSION: A

SHEET NUMBER: 1 of 2

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Main Sewer Line A from Manhole A10 to A12</u> <u>Stations:26+97-31+35</u>						
1	Line Station:26+00	3	3	10.7	122.8	101.1	Yes
2	Line Station:27+00	3	3	11.6	121.4	99.9	Yes
3	Line Station:28+50	3	3	10.9	121.6	100.1	Yes
4	Line Station:30+00	3	3	11.1	122.3	100.7	Yes
5	Line Station:26+00	3	Final	10.8	122.9	101.2	Yes
6	Line Station:27+00	3	Final	11.5	121.5	100.0	Yes
7	Line Station:28+50	3	Final	10.8	122.8	101.1	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
3	Tan Clayey Gravel with Sand (Pl:11)	10.6	121.5	8.6-12.6	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Enrique Hernandez

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauge

GAUGE MODEL: 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 09:00 AM

Depart Site: 3:00 PM



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12821 W. Golden Lane
P.O. Box 690287, San Antonio, TX 78269-0287
(210) 699-9090 • FAX(210) 699-6426
www.rkci.com
Firm F-3257

PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/05/2024

ASSIGNMENT NO.: S24-015149

REPORT VERSION: A

SHEET NUMBER: 2 of 2

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
8	Line Station:30+00	3	Final	10.7	122.7	101.0	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
3	Tan Clayey Gravel with Sand (Pl:11)	10.6	121.5	8.6-12.6	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Enrique Hernandez

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauge

GAUGE MODEL: 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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

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BY: 
07/09/2024



Updated By: Jvera 7/8/2024 9:03:08AM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 09:00 AM

Depart Site: 3:00 PM



Raba Kistner, Inc.
12821 W. Golden Lane
P.O. Box 690287, San Antonio, TX 78269-0287
(210) 699-9090 • FAX(210) 699-6426
www.rkci.com
Firm F-3257

PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/05/2024

ASSIGNMENT NO.: S24-015151

REPORT VERSION: A

SHEET NUMBER: 1 of 2

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Main Sewer Line A Laterals from Manhole A10 to A12</u>						
1	Lot 44	3	Final	12.0	120.2	98.9	Yes
2	Lot 43	3	Final	12.5	122.8	101.1	Yes
3	Lot 42	3	Final	12.1	122.2	100.6	Yes
4	Lot 41	3	Final	12.6	126.8	104.4	Yes
5	Lot 40	3	Final	12.6	126.8	104.4	Yes
6	Lot 39	3	Final	12.0	127.1	104.6	Yes
7	Lot 38	3	Final	12.4	126.6	104.2	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
3	Tan Clayey Gravel with Sand (PI:11)	10.6	121.5	8.6-12.6	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Enrique Hernandez

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauge

GAUGE MODEL: 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 09:00 AM

Depart Site: 3:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/05/2024

ASSIGNMENT NO.: S24-015151

REPORT VERSION: A

SHEET NUMBER: 2 of 2

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
8	Lot 37	3	Final	12.4	126.8	104.4	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
3	Tan Clayey Gravel with Sand (Pl:11)	10.6	121.5	8.6-12.6	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: Enrique Hernandez

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauge GAUGE MODEL: 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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BY: 
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Updated By: Jvera 7/8/2024 9:03:04AM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 09:30 AM

Depart Site: 11:00 AM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/16/2024

ASSIGNMENT NO.: S24-015459

REPORT VERSION: A

SHEET NUMBER: 1 of 1

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Main Sewer Line E from Manhole A-4 to Y-2 station:1+00-4+04 and Manhole D1 to D2</u>						
1	Station:1+50 Line E Manhole A-4 to Y-2	1	1	11.6	120.8	100.9	Yes
2	Station:2+50 Line E Manhole A-4 to Y-2	1	1	13.6	118.7	99.2	Yes
3	Station:3+50 Line E Manhole A-4 to Y-2	1	1	11.7	120.9	101.0	Yes
4	Station:7+50 Line E Manhole D1 to D2	1	1	11.8	120.5	100.7	Yes
5	Station:8+20 Line E Manhole D1 to D2	1	1	12.2	119.8	100.1	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-65973 Troxler Gauç **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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

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VK Knowlton Construction (1) (E-mail Report)

RABA KISTNER, INC.

BY: 
07/18/2024



Updated By: Jvera 7/17/2024 9:16:02AM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 3:30 PM

Depart Site: 4:30 PM



Raba Kistner, Inc.

12821 W. Golden Lane

P.O. Box 690287, San Antonio, TX 78269-0287

(210) 699-9090 • FAX(210) 699-6426

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Firm F-3257

PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/16/2024

ASSIGNMENT NO.: S24-015482

REPORT VERSION: A

SHEET NUMBER: 1 of 2

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Main Sewer Line E from manhole A-4 to Y-2 Stations 1+00-4+04 /Manhole D1 to Manhole D2 station:7+05-8+30</u>						
1	Line E Stations:1+50	1	2	11.7	120.7	100.8	Yes
2	Line E Stations 2+50	1	2	13.7	118.7	99.2	Yes
3	Line E Stations 3+50	1	2	11.8	120.8	100.9	Yes
	<u>Line E Manhole D1 to D2 Stations:7+05-8+30</u>						
4	Line E Stations:7+50	1	2	12.2	119.9	100.2	Yes
5	Line E Stations: 8+10	1	2	12.4	120.2	100.4	Yes
	<u>Line E From manhole D1 to E1 to E2 Stations:1+00+-5+34</u>						

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED:John Perkovich

CONTRACTOR:VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauç **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE:Method A

REMARKS: Lift information was provided by contractor.

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

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 3:30 PM

Depart Site: 4:30 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/16/2024

ASSIGNMENT NO.: S24-015482

REPORT VERSION: A

SHEET NUMBER: 2 of 2

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
6	Line E Stations:2+00	1	1	12.6	120.2	100.4	Yes
7	Line E Stations:3+00	1	1	11.6	121.0	101.1	Yes
8	Line E Stations:4+00	1	1	12.4	120.1	100.3	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-65973 Troxler Gauç **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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VK Knowlton Construction (1) (E-mail Report)

RABA KISTNER, INC.

BY: 
07/18/2024



Updated By: Jvera 7/17/2024 9:18:19AM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 12:45 PM

Depart Site: 1:45 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/17/2024

ASSIGNMENT NO.: S24-015524

REPORT VERSION: A

SHEET NUMBER: 1 of 1

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Main Sewer Line E from manhole A-4 to Y-2 Stations 1+00-4+04</u>						
1	Line E Station:1+50	1	3	11.5	120.7	100.8	Yes
2	Line E Station:2+50	1	3	13.6	118.6	99.1	Yes
3	Line E Station:3+50	1	3	11.6	120.8	100.9	Yes
	<u>Main Sewer Line E from manhole D1 to D2 station:7+05-8+30</u>						
4	Line E Station:7+50	1	2	11.9	120.6	100.8	Yes
5	Line E Station:8+15	1	2	12.3	119.9	100.2	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-65973 Troxler Gauç **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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

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BY: 
07/18/2024



Updated By: Jvera 7/17/2024 2:36:59PM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 5:30 PM

Depart Site: 6:30 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/17/2024

ASSIGNMENT NO.: S24-015570

REPORT VERSION: A

SHEET NUMBER: 1 of 1

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Main Sewer Line E from manhole A-4 to Y-2</u> <u>Stations:1+00-4+04</u>						
1	Line E Station:1+50	1	Final	12.5	120.3	100.5	Yes
2	Line E Station:2+50	1	Final	11.7	121.1	101.2	Yes
3	Line E Station:3+50	1	Final	12.3	119.9	100.2	Yes
	<u>Main Sewer Line E from Manhole D1 to D2</u> <u>stations:7+05-8+30</u>						
4	Line E Station:7+30	1	3	11.9	120.1	100.3	Yes
5	Line E Station:7+15	1	3	11.8	121.0	101.1	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-65973 Troxler Gauç **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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

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VK Knowlton Construction (1) (E-mail Report)

RABA KISTNER, INC.

BY: 
07/18/2024



Updated By: Jvera 7/18/2024 7:19:20AM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 2:00 PM

Depart Site: 3:30 PM



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Firm F-3257

PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/18/2024

ASSIGNMENT NO.: S24-015589

REPORT VERSION: A

SHEET NUMBER: 1 of 4

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	Block 10 Laterals Main Sewer Line E/D (Grandview Rd)						
1	Line E Lot 27	1	1	11.6	120.8	100.9	Yes
2	Line E Lot 28	1	1	13.6	118.7	99.2	Yes
3	Line E Lot 29	1	1	11.7	120.9	101.0	Yes
4	Line E Lot 31	1	1	11.8	120.5	100.7	Yes
5	Line E Lot 32	1	1	12.2	119.8	100.1	Yes
6	Line E Lot 33	1	1	12.4	120.1	100.3	Yes
7	Line E Lot 34	1	1	11.6	121.0	101.1	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-65973 Troxler Gauge **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 2:00 PM

Depart Site: 3:30 PM



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12821 W. Golden Lane
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PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/18/2024

ASSIGNMENT NO.: S24-015589

REPORT VERSION: A

SHEET NUMBER: 2 of 4

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
8	Line E Lot 35	1	1	12.6	120.2	100.4	Yes
9	Line E Lot 22	1	1	11.7	121.8	101.8	Yes
10	Line E Lot 23	1	1	13.7	118.8	99.2	Yes
11	Line E Lot 24	1	1	11.8	121.0	101.1	Yes
12	Line E Lot 25	1	1	11.9	121.5	101.5	Yes
13	Line E Lot 26	1	1	12.3	119.9	100.2	Yes
14	Line E Lot 27	1	1	12.5	121.1	101.2	Yes
15	Line D Lot 35	1	1	11.8	121.0	101.1	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-65973 Troxler Gauge **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 2:00 PM

Depart Site: 3:30 PM



Raba Kistner, Inc.
12821 W. Golden Lane
P.O. Box 690287, San Antonio, TX 78269-0287
(210) 699-9090 • FAX(210) 699-6426
www.rkci.com
Firm F-3257

PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/18/2024

ASSIGNMENT NO.: S24-015589

REPORT VERSION: A

SHEET NUMBER: 3 of 4

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
16	Line D Lot 36	1	1	12.8	121.2	101.3	Yes
	Block 10 Laterals Main Sewer Line E/D (Lovat Way Rd)						
17	Line D Lot 18	1	1	11.5	120.7	100.8	Yes
18	Line D Lot 19	1	1	13.5	118.6	99.1	Yes
19	Line D Lot 21	1	1	11.6	120.8	100.9	Yes
20	Line D Lot 69	1	1	11.7	120.3	100.5	Yes
21	Line D Lot 70	1	1	12.0	119.6	99.9	Yes
22	Line D Lot 71	1	1	12.2	120.0	100.3	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John

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WEATHER: Sunny

GAUGE NUMBER: S-65973 Troxler Gauge **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

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FIELD TEST REPORT

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TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 2:00 PM

Depart Site: 3:30 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/18/2024

ASSIGNMENT NO.: S24-015589

REPORT VERSION: A

SHEET NUMBER: 4 of 4

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
23	Line D Lot 72	1	1	11.4	121.9	101.8	Yes
24	Line D Lot 73	1	1	12.5	120.1	100.3	Yes
25	Line D Lot 74	1	1	11.8	121.8	101.8	Yes
26	Line D Lot 75	1	1	13.3	118.8	99.2	Yes
27	Line D Lot 76	1	1	11.9	121.5	101.5	Yes
28	Line D Lot 77	1	1	12.0	119.9	100.2	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-65973 Troxler Gauç **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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VK Knowlton Construction (1) (E-mail Report)

RABA KISTNER, INC.

BY: 
07/19/2024



Updated By: Jvera 7/18/2024 4:19:51PM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 06:00 AM

Depart Site: 07:00 AM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/18/2024

ASSIGNMENT NO.: S24-015595

REPORT VERSION: A

SHEET NUMBER: 1 of 1

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	Main Line E from Manhole D1 to D2 station:7+05-8+30						
1	Station:7+50	1	Final	11.5	120.7	100.8	Yes
2	Station:8+15	1	Final	13.5	118.8	99.2	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-65973 Troxler Gauç **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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VK Knowlton Construction (1) (E-mail Report)

VK Knowlton Construction (1) (E-mail Report)

RABA KISTNER, INC.

BY: 
07/24/2024



Updated By: Jvera 7/19/2024 10:19:23AM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 09:30 AM

Depart Site: 12:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/19/2024

ASSIGNMENT NO.: S24-015619

REPORT VERSION: A

SHEET NUMBER: 1 of 4

TECHNICIAN: Jonathan Martinez

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Block 10 Laterals Main Sewer Line E/D (Grandview Rd)</u>						
1	Line E Lot 27	1	2	10.5	117.8	98.4	Yes
2	Line E Lot 28	1	2	11.6	118.4	98.9	Yes
3	Line E Lot 29	1	2	10.8	118.2	98.7	Yes
4	Line E Lot 31	1	2	10.3	117.5	98.2	Yes
5	Line E Lot 32	1	2	11.8	117.7	98.3	Yes
6	Line E Lot 33	1	2	11.1	118.7	99.2	Yes
7	Line E Lot 34	1	2	10.6	118.2	98.7	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-53V (4863)

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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FIELD TEST REPORT

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ATTN.: MR. LEE PELFREY

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6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 09:30 AM

Depart Site: 12:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/19/2024

ASSIGNMENT NO.: S24-015619

REPORT VERSION: A

SHEET NUMBER: 2 of 4

TECHNICIAN: Jonathan Martinez

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
8	Line E Lot 35	1	2	11.1	118.9	99.3	Yes
9	Line E Lot 22	1	2	11.5	117.2	97.9	Yes
10	Line E Lot 23	1	2	10.3	117.7	98.3	Yes
11	Line E Lot 24	1	2	10.8	117.3	98.0	Yes
12	Line E Lot 25	1	2	10.0	117.1	97.8	Yes
13	Line E Lot 26	1	2	11.7	117.9	98.5	Yes
14	Line E Lot 27	1	2	11.2	118.4	98.9	Yes
15	Line D Lot 35	1	2	10.7	118.2	98.7	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

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PSD24-030-01**

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Firm F-3257

PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/19/2024

ASSIGNMENT NO.: S24-015619

REPORT VERSION: A

SHEET NUMBER: 3 of 4

TECHNICIAN: Jonathan Martinez

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
16	Line D Lot 36	1	2	11.5	118.7	99.2	Yes
	<u>Block 10 Laterals Main Sewer Line E/D (Lovat Way Rd)</u>						
17	Line D Lot 18	1	2	10.2	117.7	98.3	Yes
18	Line D Lot 19	1	2	10.6	117.2	97.9	Yes
19	Line D Lot 21	1	2	11.6	117.5	98.2	Yes
20	Line D Lot 69	1	2	11.0	117.0	97.7	Yes
21	Line D Lot 70	1	2	11.8	118.1	98.7	Yes
22	Line D Lot 71	1	2	11.5	117.5	98.2	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

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REPORT VERSION: A

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TECHNICIAN: Jonathan Martinez

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
23	Line D Lot 72	1	2	10.3	116.9	97.7	Yes
24	Line D Lot 73	1	2	10.9	118.4	98.9	Yes
25	Line D Lot 74	1	2	10.1	118.1	98.7	Yes
26	Line D Lot 75	1	2	11.1	117.2	97.9	Yes
27	Line D Lot 76	1	2	11.5	117.5	98.2	Yes
28	Line D Lot 77	1	2	11.3	118.0	98.6	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

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VK Knowlton Construction (1) (E-mail Report)

RABA KISTNER, INC.

BY: 
07/25/2024



Updated By: Jmartinez 7/19/2024 1:01:13PM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 5:30 PM

Depart Site: 7:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/19/2024

ASSIGNMENT NO.: S24-015661

REPORT VERSION: A

SHEET NUMBER: 1 of 5

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	Block 10 Laterals Main Sewer Line E/D(Grandview RD)						
1	Line E Lot 27	1	Final	11.6	120.9	101.0	Yes
2	Line E Lot 28	1	Final	13.6	118.8	99.2	Yes
3	Line E Lot 29	1	Final	11.8	121.0	101.1	Yes
4	Line E Lot 30	1	Final	11.9	120.6	100.8	Yes
5	Line E Lot 31	1	Final	12.2	119.9	100.2	Yes
6	Line E Lot 32	1	Final	12.5	120.2	100.4	Yes
6	Line E Lot 33	1	Final	11.7	121.1	101.2	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauge **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

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Depart Site: 7:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/19/2024

ASSIGNMENT NO.: S24-015661

REPORT VERSION: A

SHEET NUMBER: 2 of 5

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
7	Line E Lot 34	1	Final	12.7	120.3	100.5	Yes
8	Line E Lot 35	1	Final	12.4	116.9	97.7	Yes
9	Line E Lot 22	1	Final	11.7	117.9	98.5	Yes
10	Line E Lot 23	1	Final	11.8	118.0	98.6	Yes
11	Line E Lot 24	1	Final	10.9	118.9	99.3	Yes
12	Line E Lot 25	1	Final	10.6	118.8	99.2	Yes
13	Line E Lot 26	1	Final	10.8	118.7	99.2	Yes
14	Line E Lot 27	1	Final	11.9	117.1	97.8	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauge **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 5:30 PM

Depart Site: 7:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/19/2024

ASSIGNMENT NO.: S24-015661

REPORT VERSION: A

SHEET NUMBER: 3 of 5

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
15	Line D Lot 35	1	Final	11.5	117.8	98.4	Yes
16	Line D Lot 36	1	Final	11.5	117.9	98.5	Yes
	Block 10 Laterals Main Sewer Line E/D (Lovat Way Rd)						
17	Line D Lot 18	1	Final	11.9	117.3	98.0	Yes
18	Line D Lot 19	1	Final	11.8	118.0	98.6	Yes
19	Line D Lot 20	1	1	10.6	118.9	99.3	Yes
20	Line D Lot 20	1	2	10.7	118.7	99.2	Yes
21	Line D Lot 20	1	Final	11.5	118.0	98.6	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauç **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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

NOTICE: Raba Kistner, 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, Inc.



FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 5:30 PM

Depart Site: 7:00 PM



Raba Kistner, Inc.
12821 W. Golden Lane
P.O. Box 690287, San Antonio, TX 78269-0287
(210) 699-9090 • FAX(210) 699-6426
www.rkci.com
Firm F-3257

PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/19/2024

ASSIGNMENT NO.: S24-015661

REPORT VERSION: A

SHEET NUMBER: 4 of 5

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
22	Line D Lot 21	1	Final	11.9	118.2	98.7	Yes
23	Line D Lot 69	1	Final	10.6	118.8	99.2	Yes
24	Line D Lot 70	1	Final	12.3	117.2	97.9	Yes
25	Line D Lot 71	1	Final	11.7	117.9	98.5	Yes
26	Line D Lot 72	1	Final	11.8	118.0	98.6	Yes
27	Line D Lot 73	1	Final	11.1	118.8	99.2	Yes
28	Line D Lot 74	1	Final	12.4	118.0	98.6	Yes
29	Line D Lot 75	1	Final	10.6	118.7	99.2	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauge **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 5:30 PM

Depart Site: 7:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 07/19/2024

ASSIGNMENT NO.: S24-015661

REPORT VERSION: A

SHEET NUMBER: 5 of 5

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
30	Line D Lot 76	1	Final	10.9	117.7	98.3	Yes
31	Line D Lot 77	1	Final	11.6	117.8	98.4	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-65973 Troxler Gauge **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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VK Knowlton Construction (1) (E-mail Report)

VK Knowlton Construction (1) (E-mail Report)

RABA KISTNER, INC.

BY: 
07/25/2024



Updated By: Jvera 7/20/2024 10:18:14AM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 10:00 AM

Depart Site: 11:15 AM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 08/01/2024

ASSIGNMENT NO.: S24-015991

REPORT VERSION: A

SHEET NUMBER: 1 of 1

TECHNICIAN: Jonathan Martinez

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Sewer Main Line B</u>						
1	Station 1+75	1	1	10.6	118.4	98.9	Yes
2	Station 4+20	1	1	11.3	117.7	98.3	Yes
3	Station 6+19	1	1	10.9	117.9	98.5	Yes
	<u>Sewer Main Line Y</u>						
4	Station 9+75	1	1	10.6	117.2	97.9	Yes
5	Station 11+90	1	1	10.9	118.0	98.6	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-53V (4863)

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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VK Knowlton Construction (1) (E-mail Report)

VK Knowlton Construction (1) (E-mail Report)

RABA KISTNER, INC.

BY: 
08/06/2024



Updated By: Jmartinez 8/1/2024 2:15:31PM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 4:00 PM

Depart Site: 5:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 08/01/2024

ASSIGNMENT NO.: S24-016017

REPORT VERSION: A

SHEET NUMBER: 1 of 1

TECHNICIAN: Roberto Zavala

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Sewer line A</u>						
1	Station 1+75	4	2	9.9	125.9	100.9	Yes
2	Station 4+20	4	2	8.1	123.8	99.2	Yes
3	Station 6+19	4	2	8.9	122.1	97.8	Yes
	<u>Sewer line Y</u>						
4	Station 9+75	4	2	10.5	124.3	99.6	Yes
5	Station 11+90	4	2	10.0	122.9	98.5	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
4	Tan Clayey Gravel with Sand (PI:12)	9.9	124.8	7.9-11.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-58F (29223)

GAUGE MODEL: 3440

GAUGE MAKE: Troxler

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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BY: 
08/06/2024



Updated By: Rzavala 8/1/2024 6:32:42PM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 10:30 AM

Depart Site: 11:45 AM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 08/02/2024

ASSIGNMENT NO.: S24-016046

REPORT VERSION: A

SHEET NUMBER: 1 of 1

TECHNICIAN: Jonathan Martinez

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Sewer Main Line B</u>						
1	Station 1+75	1	3	11.7	118.3	98.8	Yes
2	Station 4+20	1	3	11.3	117.5	98.2	Yes
3	Station 6+19	1	3	11.0	117.7	98.3	Yes
	<u>Sewer Main Line Y</u>						
4	Station 9+75	1	3	11.6	118.0	98.6	Yes
5	Station 11+90	1	3	11.1	118.4	98.9	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-57P (2573)

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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VK Knowlton Construction (1) (E-mail Report)

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RABA KISTNER, INC.

BY: 
08/06/2024



Updated By: Jmartinez 8/2/2024 8:52:39PM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 08:30 AM

Depart Site: 11:30 AM



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P.O. Box 690287, San Antonio, TX 78269-0287
(210) 699-9090 • FAX(210) 699-6426
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PROJECT NO.: ASD24-101-00

DATE OF TEST: 08/03/2024

ASSIGNMENT NO.: S24-016091

REPORT VERSION: A

SHEET NUMBER: 1 of 4

TECHNICIAN: Javier Flores

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Sewer Line B - Lateral Services from Manhole B2 to B4</u>						
1	Station 2+20	1	1	12.9	121.3	101.3	Yes
2	Station 2+29	1	1	11.6	118.4	98.9	Yes
3	Station 2+72	1	1	12.9	120.7	100.8	Yes
4	Station 2+89	1	1	11.2	119.9	100.2	Yes
5	Station 3+32	1	1	12.1	118.8	99.2	Yes
6	Station 3+49	1	1	10.3	119.6	99.9	Yes
7	Station 3+92	1	1	12.3	120.7	100.8	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698
5	Tan Clayey Gravel with Sand (PI:14)	10.8	115.9	8.8-12.8	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: V.K. Knowlton

GAUGE NUMBER: S-4787L

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 08:30 AM

Depart Site: 11:30 AM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 08/03/2024

ASSIGNMENT NO.: S24-016091

REPORT VERSION: A

SHEET NUMBER: 2 of 4

TECHNICIAN: Javier Flores

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
8	Station 4+31	1	1	11.8	119.1	99.5	Yes
9	Station 4+90	1	1	12.0	121.7	101.7	Yes
10	Station 4+95	1	1	11.8	119.8	100.1	Yes
11	Station 5+43	1	1	12.3	120.6	100.8	Yes
12	Station 5+51	5	1	9.9	113.3	97.8	Yes
13	Station 6+06	5	1	10.1	116.2	100.3	Yes
	<u>Sewer Line Y - Lateral Services from Manhole Y1 to Y2</u>						
14	Station 6+52	5	1	9.2	112.7	97.2	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698
5	Tan Clayey Gravel with Sand (PI:14)	10.8	115.9	8.8-12.8	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: V.K. Knowlton

GAUGE NUMBER: S-4787L

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 08:30 AM

Depart Site: 11:30 AM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 08/03/2024

ASSIGNMENT NO.: S24-016091

REPORT VERSION: A

SHEET NUMBER: 3 of 4

TECHNICIAN: Javier Flores

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
15	Station 6+73	5	1	10.7	113.7	98.1	Yes
16	Station 7+22	5	1	10.8	114.8	99.1	Yes
17	Station 7+27	5	1	9.3	113.2	97.7	Yes
18	Station 7+73	5	1	11.1	115.4	99.6	Yes
19	Station 7+87	5	1	9.4	112.8	97.3	Yes
20	Station 8+23	5	1	8.9	113.0	97.5	Yes
21	Station 8+47	5	1	10.5	116.2	100.3	Yes
22	Station 8+73	5	1	9.3	117.0	100.9	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698
5	Tan Clayey Gravel with Sand (PI:14)	10.8	115.9	8.8-12.8	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: V.K. Knowlton

GAUGE NUMBER: S-4787L

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 08:30 AM

Depart Site: 11:30 AM



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Firm F-3257

PROJECT NO.: ASD24-101-00

DATE OF TEST: 08/03/2024

ASSIGNMENT NO.: S24-016091

REPORT VERSION: A

SHEET NUMBER: 4 of 4

TECHNICIAN: Javier Flores

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
23	Station 9+07	1	1	12.4	119.8	100.1	Yes
24	Station 9+23	1	1	11.5	121.6	101.6	Yes
25	Station 9+67	1	1	12.0	120.9	101.0	Yes
26	Station 9+74	1	1	10.4	119.1	99.5	Yes
27	Station 10+22	1	1	11.1	121.1	101.2	Yes
28	Station 10+27	1	1	12.2	118.4	98.9	Yes
29	Station 10+74	1	1	13.1	119.6	99.9	Yes
30	Station 11+24	1	1	12.5	120.4	100.6	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698
5	Tan Clayey Gravel with Sand (PI:14)	10.8	115.9	8.8-12.8	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: V.K. Knowlton

GAUGE NUMBER: S-4787L

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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

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VK Knowlton Construction (1) (E-mail Report)

RABA KISTNER, INC.

BY: 
08/06/2024



Updated By: Jaflores 8/4/2024 8:47:31PM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 4:30 PM

Depart Site: 5:00 PM



Raba Kistner, Inc.
12821 W. Golden Lane
P.O. Box 690287, San Antonio, TX 78269-0287
(210) 699-9090 • FAX(210) 699-6426
www.rkci.com
Firm F-3257

PROJECT NO.: ASD24-101-00

DATE OF TEST: 08/02/2024

ASSIGNMENT NO.: S24-016099

REPORT VERSION: A

SHEET NUMBER: 1 of 2

TECHNICIAN: Mario Nolin

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Sewer Line B - Lateral Services from Manhole B2 to B4</u>						
1	Station 1+72	5	2	9.4	112.4	97.0	Yes
2	Station 2+35	5	2	9.5	112.3	96.9	Yes
3	Station 3+85	5	2	9.2	112.8	97.3	Yes
4	Station 4+40	5	2	9.8	113.0	97.5	Yes
5	Station 5+65	5	2	10.2	112.6	97.2	Yes
6	Station 6+13	5	2	9.2	113.6	98.0	Yes
	<u>Sewer Line Y - Lateral Services from manhole Y1 to Y2</u>						

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
5	Tan Clayey Gravel with Sand (PI:14)	10.8	115.9	8.8-12.8	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: V.K. Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-50T (3228)

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 4:30 PM

Depart Site: 5:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 08/02/2024

ASSIGNMENT NO.: S24-016099

REPORT VERSION: A

SHEET NUMBER: 2 of 2

TECHNICIAN: Mario Nolin

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
7	Station 6+95	5	2	11.4	111.9	96.5	Yes
8	Station 7+34	5	2	10.5	113.6	98.0	Yes
9	Station 8+36	5	2	11.2	115.2	99.4	Yes
10	Station 9+73	5	2	11.0	115.8	99.9	Yes
11	Station 10+46	5	2	11.9	113.7	98.1	Yes
12	Station 11+25	5	2	11.4	114.2	98.5	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
5	Tan Clayey Gravel with Sand (Pl:14)	10.8	115.9	8.8-12.8	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: V.K. Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-50T (3228)

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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RABA KISTNER, INC.

BY: 
08/12/2024



Updated By: Mnolin 8/8/2024 8:53:59PM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 10:30 AM

Depart Site: 12:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 08/06/2024

ASSIGNMENT NO.: S24-016160

REPORT VERSION: A

SHEET NUMBER: 1 of 4

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Main Line B Laterals Block 13 (Lots 1-5)</u>						
1	Lot 1	1	Final	9.9	114.1	95.3	Yes
2	Lot 2	1	Final	10.0	113.9	95.2	Yes
3	Lot 3	1	Final	9.9	113.9	95.2	Yes
4	Lot 4	1	Final	10.3	114.0	95.2	Yes
5	Lot 5	1	Final	10.5	114.7	95.8	Yes
	<u>Block 10 Lots 3-10</u>						
6	Lot 3	1	Final	9.9	114.3	95.5	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauge **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
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PROJECT NO.: ASD24-101-00

DATE OF TEST: 08/06/2024

ASSIGNMENT NO.: S24-016160

REPORT VERSION: A

SHEET NUMBER: 2 of 4

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
7	Lot 4	1	Final	10.0	116.1	97.0	Yes
8	Lot 5	1	Final	10.5	114.7	95.8	Yes
9	Lot 6	1	Final	10.7	114.3	95.5	Yes
10	Lot 7	1	Final	9.9	116.1	97.0	Yes
11	Lot 8	1	Final	10.9	114.0	95.2	Yes
12	Lot 9	1	Final	10.8	114.5	95.7	Yes
13	Lot 10	1	Final	9.9	116.3	97.2	Yes
	<u>Main Line Y laterals (Lots 11-18)</u>						

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-65973 Troxler Gauge **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

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PSD24-030-01**

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PROJECT NO.: ASD24-101-00

DATE OF TEST: 08/06/2024

ASSIGNMENT NO.: S24-016160

REPORT VERSION: A

SHEET NUMBER: 3 of 4

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
14	Lot 11	1	Final	10.4	114.4	95.6	Yes
15	Lot 12	1	Final	10.2	114.9	96.0	Yes
16	Lot 13	1	Final	11.0	114.0	95.2	Yes
17	Lot 14	1	Final	10.2	115.0	96.1	Yes
18	Lot 15	1	Final	11.4	113.8	95.1	Yes
19	Lot 16	1	Final	10.1	115.1	96.2	Yes
20	Lot 17	1	Final	11.2	114.3	95.5	Yes
21	Lot 18	1	Final	11.0	114.4	95.6	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

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GAUGE NUMBER: S-65973 Troxler Gauge **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

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PROJECT NO.: ASD24-101-00

DATE OF TEST: 08/06/2024

ASSIGNMENT NO.: S24-016160

REPORT VERSION: A

SHEET NUMBER: 4 of 4

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	Block 13 (Lots 7-13)						
22	Lot 7	1	Final	10.1	114.5	95.7	Yes
23	Lot 8	1	Final	10.2	114.8	95.9	Yes
24	Lot 9	1	Final	11.1	114.1	95.3	Yes
25	Lot 10	1	Final	10.1	115.1	96.2	Yes
26	Lot 11	1	Final	11.5	113.9	95.2	Yes
27	Lot 12	1	Final	10.2	115.2	96.2	Yes
28	Lot 13	1	Final	11.1	114.1	95.3	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

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VK Knowlton Construction (1) (E-mail Report)

RABA KISTNER, INC.

BY: 
08/07/2024



Updated By: Jvera 8/7/2024 10:47:31AM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 11:00 AM

Depart Site: 1:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 08/14/2024

ASSIGNMENT NO.: S24-016480

REPORT VERSION: A

SHEET NUMBER: 1 of 3

TECHNICIAN: Jeremy Standridge

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>8 inch sewer line, Abloom Road, station numbers 7+70-9+60</u>						
1	Station number 9+00	5	1	9.9	119.1	102.8	Yes
2	Station number 8+25	5	1	12.8	112.1	96.7	Yes
3	Station number 7+70	5	1	12.5	113.5	97.9	Yes
	<u>8 inch sewer line, Rockcrest road station number 1+00-7+70</u>						
4	Station number 7+00	5	1	10.5	111.8	96.5	Yes
5	Station number 6+50	5	1	11.8	115.3	99.5	Yes
6	Station number 6+00	5	1	10.5	114.8	99.1	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
5	Tan Clayey Gravel with Sand (PI:14)	10.8	115.9	8.8-12.8	95	ASTM D 698
7	Dark Brown Clay with Sand (PI:18)	14.0	110.1	12-16	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Petkavich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-27I (7521)

GAUGE MODEL: 3411-B

GAUGE MAKE: Troxler

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

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6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
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Arrive Site: 11:00 AM

Depart Site: 1:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 08/14/2024

ASSIGNMENT NO.: S24-016480

REPORT VERSION: A

SHEET NUMBER: 2 of 3

TECHNICIAN: Jeremy Standridge

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
7	Station number 5+50	7	1	12.7	107.6	97.7	Yes
8	Station number 5+00	7	1	12.4	106.2	96.5	Yes
9	Station number 4+50	7	1	14.0	111.2	101.0	Yes
10	Station number 4+00	7	1	12.7	110.0	99.9	Yes
11	Station number 3+50	5	1	10.0	116.9	100.9	Yes
12	Station number 3+00	5	1	12.3	113.6	98.0	Yes
13	Station number 2+50	7	1	12.1	108.9	98.9	Yes
14	Station number 2+00	7	1	13.0	110.6	100.5	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
5	Tan Clayey Gravel with Sand (PI:14)	10.8	115.9	8.8-12.8	95	ASTM D 698
7	Dark Brown Clay with Sand (PI:18)	14.0	110.1	12-16	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Petkavich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-27I (7521)

GAUGE MODEL: 3411-B

GAUGE MAKE: Troxler

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
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Arrive Site: 11:00 AM

Depart Site: 1:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 08/14/2024

ASSIGNMENT NO.: S24-016480

REPORT VERSION: A

SHEET NUMBER: 3 of 3

TECHNICIAN: Jeremy Standridge

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
15	Station number 1+50	7	1	12.9	110.9	100.7	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
5	Tan Clayey Gravel with Sand (PI:14)	10.8	115.9	8.8-12.8	95	ASTM D 698
7	Dark Brown Clay with Sand (PI:18)	14.0	110.1	12-16	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Petkavich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-27I (7521)

GAUGE MODEL: 3411-B

GAUGE MAKE: Troxler

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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VK Knowlton Construction (1) (E-mail Report)

VK Knowlton Construction (1) (E-mail Report)

RABA KISTNER, INC.

BY: 
08/15/2024



Updated By: Jstandridge 8/14/2024 6:05:24PM

Austin • Brownsville • Dallas • Houston • McAllen • Mexico • New Braunfels • Salt Lake City • San Antonio



FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 3:00 PM

Depart Site: 4:00 PM



Raba Kistner, Inc.
12821 W. Golden Lane
P.O. Box 690287, San Antonio, TX 78269-0287
(210) 699-9090 • FAX(210) 699-6426
www.rkci.com
Firm F-3257

PROJECT NO.: ASD24-101-00

DATE OF TEST: 08/14/2024

ASSIGNMENT NO.: S24-016494

REPORT VERSION: A

SHEET NUMBER: 1 of 1

TECHNICIAN: Mario Nolin

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	Line C Sewer Main on stations: 1+00 - 9+60						
1	Station 1+50	5	2	10.3	111.4	96.1	Yes
2	Station 3+10	5	2	10.5	111.2	95.9	Yes
3	Station 4+80	5	2	10.2	111.5	96.2	Yes
4	Station 6+40	5	2	10.3	111.0	95.8	Yes
5	Station 8+10	5	2	10.3	111.2	95.9	Yes
6	Station 9+20	5	2	10.6	111.3	96.0	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
5	Tan Clayey Gravel with Sand (Pl:14)	10.8	115.9	8.8-12.8	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-50T (3228)

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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

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RABA KISTNER, INC.

BY: 
08/14/2024



Updated By: Mnolin 8/14/2024 3:40:27PM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 10:00 AM

Depart Site: 12:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 08/15/2024

ASSIGNMENT NO.: S24-016533

REPORT VERSION: A

SHEET NUMBER: 1 of 1

TECHNICIAN: Mario Nolin

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	Line C stations 1+00 - 9+60						
1	Station 1+20	5	3	10.2	111.3	96.0	Yes
2	Station 2+70	5	3	10.4	111.2	95.9	Yes
3	Station 4+50	5	3	10.2	111.7	96.4	Yes
4	Station 6+20	5	3	10.1	112.2	96.8	Yes
5	Station 8+10	5	3	10.3	111.5	96.2	Yes
6	Station 9+40	5	3	10.0	112.0	96.6	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
5	Tan Clayey Gravel with Sand (Pl:14)	10.8	115.9	8.8-12.8	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-50T (3228)

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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RABA KISTNER, INC.

BY: 
08/15/2024



Updated By: Mnolin 8/15/2024 1:14:11PM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 10:30 AM

Depart Site: 12:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 08/16/2024

ASSIGNMENT NO.: S24-016580

REPORT VERSION: A

SHEET NUMBER: 1 of 5

TECHNICIAN: Mario Nolin

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Line C Station 1+00 - 9+60, sewer line</u>						
1	Station 9+10	6	Final	13.9	104.5	95.9	Yes
2	Station 7+70	6	Final	14.3	105.2	96.5	Yes
3	Station 6+30	6	Final	14.6	104.9	96.2	Yes
4	Station 4+60	6	Final	14.2	105.7	97.0	Yes
5	Station 3+10	6	Final	13.7	106.9	98.1	Yes
6	Station 2+30	6	Final	14.3	105.2	96.5	Yes
	<u>Sewer Services Block 10</u>						

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
6	Dark Brown Clay with Sand (PI:21)	13.8	109.0	11.8-15.8	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-50T (3228)

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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FIELD TEST REPORT

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ATTN.: MR. LEE PELFREY

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AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
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PROJECT NO.: ASD24-101-00

DATE OF TEST: 08/16/2024

ASSIGNMENT NO.: S24-016580

REPORT VERSION: A

SHEET NUMBER: 2 of 5

TECHNICIAN: Mario Nolin

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
7	Lot 96	6	1	14.9	104.5	95.9	Yes
8	Lot 97	6	1	15.3	104.2	95.6	Yes
9	Lot 98	6	1	15.7	104.3	95.7	Yes
10	Lot 99	6	1	14.3	105.9	97.2	Yes
11	Lot 100	6	1	15.8	104.0	95.4	Yes
12	Lot 101	6	1	15.5	105.7	97.0	Yes
13	Lot 102	6	1	15.5	105.2	96.5	Yes
14	Lot 103	6	1	14.9	104.9	96.2	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
6	Dark Brown Clay with Sand (PI:21)	13.8	109.0	11.8-15.8	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-50T (3228)

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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PROJECT NO.: ASD24-101-00

DATE OF TEST: 08/16/2024

ASSIGNMENT NO.: S24-016580

REPORT VERSION: A

SHEET NUMBER: 3 of 5

TECHNICIAN: Mario Nolin

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
15	Lot 104	6	1	15.7	104.2	95.6	Yes
16	Lot 105	6	1	15.2	104.7	96.1	Yes
17	Lot 106	6	1	15.6	104.9	96.2	Yes
18	Lot 107	6	1	15.7	104.3	95.7	Yes
19	Lot 108	6	1	15.7	104.0	95.4	Yes
20	Lot 109	6	1	14.5	105.2	96.5	Yes
	<u>Sewer Services Block 13</u>						
21	Lot 16	6	1	15.2	105.0	96.3	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
6	Dark Brown Clay with Sand (PI:21)	13.8	109.0	11.8-15.8	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-50T (3228)

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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AUSTIN, TX UNITED STATES 78730

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Depart Site: 12:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 08/16/2024

ASSIGNMENT NO.: S24-016580

REPORT VERSION: A

SHEET NUMBER: 4 of 5

TECHNICIAN: Mario Nolin

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
22	Lot 17	6	1	15.0	105.0	96.3	Yes
23	Lot 18	6	1	14.9	104.2	95.6	Yes
24	Lot 19	6	1	14.2	104.2	95.6	Yes
25	Lot 20	6	1	14.6	104.7	96.1	Yes
26	Lot 21	6	1	15.6	105.3	96.6	Yes
27	Lot 22	6	1	15.6	106.1	97.3	Yes
28	Lot 23	6	1	15.8	105.5	96.8	Yes
29	Lot 24	6	1	15.2	105.9	97.2	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
6	Dark Brown Clay with Sand (PI:21)	13.8	109.0	11.8-15.8	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-50T (3228)

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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**PROJECT: Windsong Subdivision San Antonio, Texas / RK
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Depart Site: 12:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 08/16/2024

ASSIGNMENT NO.: S24-016580

REPORT VERSION: A

SHEET NUMBER: 5 of 5

TECHNICIAN: Mario Nolin

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
30	Lot 25	6	1	15.4	106.2	97.4	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
6	Dark Brown Clay with Sand (PI:21)	13.8	109.0	11.8-15.8	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-50T (3228)

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

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RABA KISTNER, INC.

BY: 
08/19/2024



Updated By: Mnolin 8/16/2024 12:43:58PM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

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6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 11:00 AM

Depart Site: 12:30 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 08/17/2024

ASSIGNMENT NO.: S24-016609

REPORT VERSION: A

SHEET NUMBER: 1 of 2

TECHNICIAN: Roberto Zavala

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Sewer services block 10</u>						
1	Lot 96	5	2	9.9	111.0	95.8	Yes
2	Lot 98	5	2	9.1	114.3	98.6	Yes
3	Lot 100	5	2	10.5	112.7	97.2	Yes
4	Lot 102	5	2	9.9	112.4	97.0	Yes
5	Lot 104	5	2	9.3	114.1	98.4	Yes
6	Lot 106	5	2	9.4	114.9	99.1	Yes
7	Lot 108	5	2	9.1	115.1	99.3	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
5	Tan Clayey Gravel with Sand (PI:14)	10.8	115.9	8.8-12.8	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-58F (29223)

GAUGE MODEL: 3440

GAUGE MAKE: Troxler

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 11:00 AM

Depart Site: 12:30 PM



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Firm F-3257

PROJECT NO.: ASD24-101-00

DATE OF TEST: 08/17/2024

ASSIGNMENT NO.: S24-016609

REPORT VERSION: A

SHEET NUMBER: 2 of 2

TECHNICIAN: Roberto Zavala

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Sewer services block 13</u>						
8	Lot 16	5	2	9.0	115.4	99.6	Yes
9	Lot 18	5	2	9.8	113.5	97.9	Yes
10	Lot 20	5	2	9.7	112.7	97.2	Yes
11	Lot 22	5	2	9.3	114.3	98.6	Yes
12	Lot 24	5	2	9.6	113.6	98.0	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
5	Tan Clayey Gravel with Sand (Pl:14)	10.8	115.9	8.8-12.8	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-58F (29223)

GAUGE MODEL: 3440

GAUGE MAKE: Troxler

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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RABA KISTNER, INC.

BY: 
08/19/2024



Updated By: IM 8/19/2024 1:49:03PM

Austin • Brownsville • Dallas • Houston • McAllen • Mexico • New Braunfels • Salt Lake City • San Antonio



FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

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TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 3:30 PM

Depart Site: 5:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 08/15/2024

ASSIGNMENT NO.: S24-016613

REPORT VERSION: A

SHEET NUMBER: 1 of 1

TECHNICIAN: Juan Vera

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Main Sewer Line C Stations:1+00 - 9+00</u>						
1	Station:2+00	1	4	9.9	116.1	97.0	Yes
2	Station:4+00	1	4	10.0	114.7	95.8	Yes
3	Station:6+00	1	4	9.9	114.3	95.5	Yes
4	Station:8+00	1	4	10.3	116.1	97.0	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
1	Brown Clayey Gravel with Sand (PI:21)	11.9	119.7	9.9-13.9	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-65973 Troxler Gauç **GAUGE MODEL:** 3450

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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

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RABA KISTNER, INC.

BY: 
08/19/2024



Updated By: Jvera 8/19/2024 10:03:54AM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 11:15 AM

Depart Site: 1:15 PM



Raba Kistner, Inc.
12821 W. Golden Lane
P.O. Box 690287, San Antonio, TX 78269-0287
(210) 699-9090 • FAX(210) 699-6426
www.rkci.com
Firm F-3257

PROJECT NO.: ASD24-101-00

DATE OF TEST: 08/19/2024

ASSIGNMENT NO.: S24-016667

REPORT VERSION: A

SHEET NUMBER: 1 of 3

TECHNICIAN: Jeremy Standridge

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Block 10, 6 inch sewer services. Lots 99-109</u>						
1	Lot 99	5	F	8.8	110.6	95.4	Yes
2	Lot 100	4	F	11.9	120.1	96.2	Yes
3	Lot 101	4	F	11.0	120.7	96.7	Yes
4	Lot 102	4	F	11.6	124.3	99.6	Yes
5	Lot 103	5	F	12.3	111.5	96.2	Yes
6	Lot 104	5	F	12.8	110.5	95.3	Yes
7	Lot 105	4	F	8.8	120.7	96.7	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
3	Tan Clayey Gravel with Sand (PI:11)	10.6	121.5	8.6-12.6	95	ASTM D 698
4	Tan Clayey Gravel with Sand (PI:12)	9.9	124.8	7.9-11.9	95	ASTM D 698
5	Tan Clayey Gravel with Sand (PI:14)	10.8	115.9	8.8-12.8	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkavich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-27I (7521)

GAUGE MODEL: 3411-B

GAUGE MAKE: Troxler

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 11:15 AM

Depart Site: 1:15 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 08/19/2024

ASSIGNMENT NO.: S24-016667

REPORT VERSION: A

SHEET NUMBER: 2 of 3

TECHNICIAN: Jeremy Standridge

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
8	Lot 106	4	F	11.4	120.4	96.5	Yes
9	Lot 107	4	F	11.3	123.7	99.1	Yes
10	Lot 108	4	F	11.9	121.9	97.7	Yes
11	Lot 109	4	F	11.4	121.4	97.3	Yes
	Block 13, 6 inch sewer service line. Lots 16-24						
12	Lot 16	5	F	11.9	115.0	99.2	Yes
13	Lot 17	5	F	9.9	115.2	99.4	Yes
14	Lot 18	3	F	8.6	118.3	97.4	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
3	Tan Clayey Gravel with Sand (PI:11)	10.6	121.5	8.6-12.6	95	ASTM D 698
4	Tan Clayey Gravel with Sand (PI:12)	9.9	124.8	7.9-11.9	95	ASTM D 698
5	Tan Clayey Gravel with Sand (PI:14)	10.8	115.9	8.8-12.8	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkavich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-27I (7521)

GAUGE MODEL: 3411-B

GAUGE MAKE: Troxler

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY

TO: **SCOTT FELDER HOMES, LLC**

6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 11:15 AM

Depart Site: 1:15 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 08/19/2024

ASSIGNMENT NO.: S24-016667

REPORT VERSION: A

SHEET NUMBER: 3 of 3

TECHNICIAN: Jeremy Standridge

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
15	Lot 19	3	F	12.6	117.8	97.0	Yes
16	Lot 20	3	F	12.5	117.5	96.7	Yes
17	Lot 21	5	F	12.8	114.4	98.7	Yes
18	Lot 22	3	F	12.0	121.1	99.7	Yes
19	Lot 23	3	F	12.5	118.6	97.6	Yes
20	Lot 24	3	F	11.5	116.6	96.0	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
3	Tan Clayey Gravel with Sand (PI:11)	10.6	121.5	8.6-12.6	95	ASTM D 698
4	Tan Clayey Gravel with Sand (PI:12)	9.9	124.8	7.9-11.9	95	ASTM D 698
5	Tan Clayey Gravel with Sand (PI:14)	10.8	115.9	8.8-12.8	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkavich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-27I (7521)

GAUGE MODEL: 3411-B

GAUGE MAKE: Troxler

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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RABA KISTNER, INC.

BY: 
08/20/2024



Updated By: Jstandridge 8/19/2024 6:02:43PM

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FIELD TEST REPORT

Soil/Base Material Nuclear Density Test

ATTN.: MR. LEE PELFREY
TO: **SCOTT FELDER HOMES, LLC**
6414 RIVER PLACE BLVD., SUITE 100
AUSTIN, TX UNITED STATES 78730

**PROJECT: Windsong Subdivision San Antonio, Texas / RK
PSD24-030-01**

Arrive Site: 5:00 PM Depart Site: 5:30 PM



Raba Kistner, Inc.
12821 W. Golden Lane
P.O. Box 690287, San Antonio, TX 78269-0287
(210) 699-9090 • FAX(210) 699-6426
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PROJECT NO.: ASD24-101-00
DATE OF TEST: 08/19/2024
ASSIGNMENT NO.: S24-016678
REPORT VERSION: A
SHEET NUMBER: 1 of 1
TECHNICIAN: Mario Nolin

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Line C, 6 in Sewer Services Block 13</u>						
1	Lot 25	3	Final	12.2	116.3	95.7	Yes
	<u>Line C, 6 in Sewer Services Block 10</u>						
2	Lot 97	3	Final	11.9	117.2	96.5	Yes
3	Lot 98	3	Final	11.8	116.8	96.1	Yes
4	Lot 99	3	Final	12.4	116.8	96.1	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
3	Tan Clayey Gravel with Sand (Pl:11)	10.6	121.5	8.6-12.6	95	ASTM D 698

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-50T (3228)

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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