

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: 12:00 PM

Depart Site: 2:00 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: 09/12/2024

ASSIGNMENT NO.: S24-017374

REPORT VERSION: A

SHEET NUMBER: 1 of 3

TECHNICIAN: Roberto Zavala

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Water Services at Golden CRST Block 12</u>						
1	Lot 1	4	F	10.7	120.9	96.9	Yes
2	Lot 2	4	F	10.1	121.3	97.2	Yes
3	Lot 3	4	F	10.3	120.5	96.6	Yes
4	Lot 4	4	F	10.4	120.1	96.2	Yes
5	Lot 5	4	F	10.8	119.5	95.8	Yes
6	Lot 6	4	F	11.0	119.9	96.1	Yes
7	Lot 7	4	F	10.4	121.2	97.1	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.

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

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PROJECT NO.: ASD24-101-00

DATE OF TEST: 09/12/2024

ASSIGNMENT NO.: S24-017374

REPORT VERSION: A

SHEET NUMBER: 2 of 3

TECHNICIAN: Roberto Zavala

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Water Main at Brivet CRK Block 10</u>						
8	Lot 56	4	F	8.2	124.1	99.4	Yes
9	Lot 57	4	F	8.7	124.3	99.6	Yes
10	Lot 58	4	F	9.2	121.5	97.4	Yes
11	Lot 59	4	F	9.7	120.9	96.9	Yes
12	Lot 60	4	F	10.3	123.7	99.1	Yes
13	Lot 61	4	F	10.9	123.1	98.6	Yes
	<u>Water Services at Moonglade Rd Block 12</u>						

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
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FIELD TEST PROCEDURE: ASTM D 6938

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DATE OF TEST: 09/12/2024

ASSIGNMENT NO.: S24-017374

REPORT VERSION: A

SHEET NUMBER: 3 of 3

TECHNICIAN: Roberto Zavala

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
14	Lot 8	4	1	8.4	119.1	95.4	Yes
15	Lot 9	4	1	9.2	119.7	95.9	Yes
16	Lot 10	4	1	8.5	120.9	96.9	Yes
17	Lot 11	4	1	8.7	120.2	96.3	Yes
18	Lot 12	4	1	9.0	119.8	96.0	Yes
19	Lot 13	4	1	9.6	121.4	97.3	Yes
20	Lot 14	4	1	8.4	120.6	96.6	Yes
21	Lot 15	4	1	8.1	119.3	95.6	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

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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: 
09/16/2024



Updated By: RZavala 9/12/2024 6:51:00PM

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



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 09/13/2024

ASSIGNMENT NO.: S24-017408

REPORT VERSION: A

SHEET NUMBER: 1 of 5

TECHNICIAN: Jonathan Martinez

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	8 in. Water Main at Grandview Rd.						
1	Lot 25	4	F	11.5	123.8	99.2	Yes
2	Lot 26	4	F	10.4	122.5	98.2	Yes
3	Lot 27	4	F	11.2	123.3	98.8	Yes
4	Lot 28	4	F	10.8	121.7	97.5	Yes
5	Lot 29	4	F	10.4	123.9	99.3	Yes
6	Lot 30	4	F	11.7	123.2	98.7	Yes
7	Lot 31	4	F	11.3	122.3	98.0	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

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-57P (2573)

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

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ASSIGNMENT NO.: S24-017408

REPORT VERSION: A

SHEET NUMBER: 2 of 5

TECHNICIAN: Jonathan Martinez

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
8	Lot 32	4	F	10.7	121.7	97.5	Yes
9	Lot 33	4	F	10.3	121.4	97.3	Yes
10	Lot 34	4	F	11.0	123.1	98.6	Yes
11	Lot 35	4	F	11.8	122.0	97.8	Yes
12	Lot 36	4	F	11.1	121.6	97.4	Yes
13	Lot 37	4	F	10.7	121.0	97.0	Yes
14	Lot 38	4	F	10.3	122.6	98.2	Yes
15	Lot 39	4	F	11.5	123.7	99.1	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
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TECHNICIAN: Jonathan Martinez

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
16	Lot 40	4	F	11.0	123.4	98.9	Yes
17	Lot 41	4	F	10.8	121.1	97.0	Yes
18	Lot 42	4	F	10.6	121.6	97.4	Yes
19	Lot 43	4	F	10.2	123.8	99.2	Yes
20	Lot 44	4	F	11.2	122.6	98.2	Yes
21	Lot 45	4	F	11.6	122.1	97.8	Yes
	8 in. Water Main at Moonglade Rd.						
22	Lot 46	4	F	10.0	121.8	97.6	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
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REPORT VERSION: A

SHEET NUMBER: 4 of 5

TECHNICIAN: Jonathan Martinez

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
23	Lot 47	4	F	10.7	122.8	98.4	Yes
24	Lot 48	4	F	10.4	122.2	97.9	Yes
25	Lot 49	4	F	11.7	121.6	97.4	Yes
26	Lot 50	4	F	11.4	121.9	97.7	Yes
27	Lot 51	4	F	11.9	122.9	98.5	Yes
28	Lot 52	4	F	10.5	121.6	97.4	Yes
29	Lot 53	4	F	9.8	123.4	98.9	Yes
30	Lot 54	4	F	9.4	123.0	98.6	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

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John

CONTRACTOR: VK Knowlton

WEATHER: Sunny

GAUGE NUMBER: S-57P (2573)

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

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ASSIGNMENT NO.: S24-017408

REPORT VERSION: A

SHEET NUMBER: 5 of 5

TECHNICIAN: Jonathan Martinez

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
31	Lot 55	4	F	10.0	123.6	99.0	Yes
32	Lot 56	4	F	9.2	122.2	97.9	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

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

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RABA KISTNER, INC.

BY: 
09/16/2024



Updated By: Jmartinez 9/13/2024 7:43:44PM

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



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 09/13/2024

ASSIGNMENT NO.: S24-017426

REPORT VERSION: A

SHEET NUMBER: 1 of 3

TECHNICIAN: Roberto Zavala

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Water Services at Grandview Rd. Block 10</u>						
1	Lot 22	5	F	9.7	111.0	95.8	Yes
2	Lot 23	5	F	10.1	110.7	95.5	Yes
3	Lot 24	5	F	9.5	111.4	96.1	Yes
	<u>Water Main at Golden CRST Block 10</u>						
4	Lot 62	5	2	9.2	112.7	97.2	Yes
5	Lot 63	5	2	9.6	112.8	97.3	Yes
6	Lot 64	5	2	10.0	111.2	95.9	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-58F (29223)

GAUGE MODEL: 3440

GAUGE MAKE: Troxler

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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ASSIGNMENT NO.: S24-017426

REPORT VERSION: A

SHEET NUMBER: 2 of 3

TECHNICIAN: Roberto Zavala

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
7	Lot 65	5	2	9.3	110.5	95.3	Yes
8	Lot 66	5	2	10.7	112.2	96.8	Yes
9	Lot 67	5	2	10.2	111.5	96.2	Yes
10	Lot 68	5	2	9.4	112.8	97.3	Yes
	<u>Water Services at Moonglade Rd. Block 12</u>						
11	Lot 8	5	F	10.9	110.4	95.3	Yes
12	Lot 9	5	F	10.2	112.3	96.9	Yes
13	Lot 10	5	F	9.8	112.5	97.1	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

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-58F (29223)

GAUGE MODEL: 3440

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: 4:15 PM

Depart Site: 5:45 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: 09/13/2024

ASSIGNMENT NO.: S24-017426

REPORT VERSION: A

SHEET NUMBER: 3 of 3

TECHNICIAN: Roberto Zavala

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
14	Lot 11	5	F	9.2	111.7	96.4	Yes
15	Lot 12	5	F	8.9	111.2	95.9	Yes
16	Lot 13	5	F	9.3	111.4	96.1	Yes
17	Lot 14	5	F	10.3	111.9	96.5	Yes
18	Lot 15	5	F	10.1	112.7	97.2	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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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: 
09/16/2024



Updated By: Rzavala 9/13/2024 7:20:13PM

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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: 11:00 AM

Depart Site: 1:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 09/23/2024

ASSIGNMENT NO.: S24-017729

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>Aurora Hills St. Block 10 (8 in. Main)</u>						
1	Lot 1	5	1	9.5	114.7	99.0	Yes
2	Lot 2	5	1	8.9	113.9	98.3	Yes
3	Lot 3	5	1	9.2	114.5	98.8	Yes
4	Lot 4	5	1	10.4	113.3	97.8	Yes
5	Lot 5	5	1	10.0	115.1	99.3	Yes
6	Lot 6	5	1	9.6	115.7	99.8	Yes
7	Lot 7	5	1	9.9	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

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

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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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: 09/23/2024

ASSIGNMENT NO.: S24-017729

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	Lot 8	5	1	10.2	116.8	100.8	Yes
9	Lot 9	5	1	10.6	115.0	99.2	Yes
10	Lot 10	5	1	9.7	116.2	100.3	Yes
11	Lot 11	5	1	9.4	115.5	99.7	Yes
12	Lot 12	5	1	10.1	115.2	99.4	Yes
13	Lot 13	5	1	10.4	116.5	100.5	Yes
14	Lot 14	5	1	9.5	114.8	99.1	Yes
15	Lot 15	5	1	9.9	115.2	99.4	Yes

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

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WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

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GAUGE NUMBER: S-57P (2573)

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

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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
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: 09/23/2024

ASSIGNMENT NO.: S24-017729

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	Lot 16	5	1	9.2	114.6	98.9	Yes
17	Lot 17	5	1	8.9	114.1	98.4	Yes
18	Lot 18	5	1	10.0	115.5	99.7	Yes
	<u>Aurora Hills St. Block 13 (Water Services)</u>						
19	Lot 1	5	1	9.1	114.8	99.1	Yes
20	Lot 2-3	5	1	9.7	113.9	98.3	Yes
21	Lot 4-5	5	1	8.9	114.1	98.4	Yes
22	Lot 6-7	5	1	10.0	115.3	99.5	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

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

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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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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: 1:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 09/23/2024

ASSIGNMENT NO.: S24-017729

REPORT VERSION: A

SHEET NUMBER: 4 of 4

TECHNICIAN: Jonathan Martinez

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
23	Lot 8-9	5	1	10.4	114.7	99.0	Yes
24	Lot 10-11	5	1	9.8	114.4	98.7	Yes
25	Lot 12-13	5	1	9.4	115.0	99.2	Yes
26	Lot 14-15	5	1	10.2	114.9	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 (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-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)

RABA KISTNER, INC.

BY: 
09/24/2024



Updated By: Jmartinez 9/23/2024 7:55:57PM

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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: 3:15 PM

Depart Site: 5:15 PM



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Firm F-3257

PROJECT NO.: ASD24-101-00

DATE OF TEST: 09/23/2024

ASSIGNMENT NO.: S24-017744

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>Aurora Hills St. Block 10 (8 in. Main)</u>						
1	Lot 1	5	F	9.2	114.3	98.6	Yes
2	Lot 2	5	F	9.6	113.8	98.2	Yes
3	Lot 3	5	F	8.9	113.2	97.7	Yes
4	Lot 4	5	F	9.0	114.2	98.5	Yes
5	Lot 5	5	F	8.8	114.7	99.0	Yes
6	Lot 6	5	F	9.5	115.0	99.2	Yes
7	Lot 7	5	F	9.2	114.6	98.9	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-57P (2573)

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

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

Arrive Site: 3:15 PM

Depart Site: 5:15 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 09/23/2024

ASSIGNMENT NO.: S24-017744

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	Lot 8	5	F	8.8	114.1	98.4	Yes
9	Lot 9	5	F	9.6	113.6	98.0	Yes
10	Lot 10	5	F	9.1	114.0	98.4	Yes
11	Lot 11	5	F	8.9	114.9	99.1	Yes
12	Lot 12	5	F	9.8	114.5	98.8	Yes
13	Lot 13	5	F	9.9	113.2	97.7	Yes
14	Lot 14	5	F	10.4	113.5	97.9	Yes
15	Lot 15	5	F	10.7	113.2	97.7	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

REFERENCE: UTILITY - BACKFILL

WEATHER: Sunny

FIELD TEST PROCEDURE: ASTM D 6938

PERSON NOTIFIED: John Perkovich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-57P (2573)

GAUGE MODEL: 5001 EZ

GAUGE MAKE: Humboldt

TEST MODE: Method A

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Depart Site: 5:15 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 09/23/2024

ASSIGNMENT NO.: S24-017744

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	Lot 16	5	F	10.0	115.1	99.3	Yes
17	Lot 17	5	F	9.7	114.6	98.9	Yes
18	Lot 18	5	F	9.3	114.2	98.5	Yes
	<u>Aurora Hills St. Block 13 (Water Services)</u>						
19	Lot 1	5	F	10.8	113.7	98.1	Yes
20	Lot 2-3	5	F	10.3	113.1	97.6	Yes
21	Lot 4-5	5	F	9.7	113.8	98.2	Yes
22	Lot 6-7	5	F	9.9	113.5	97.9	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
5	Tan Clayey Gravel with Sand (Pl: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

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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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6414 RIVER PLACE BLVD., SUITE 100

AUSTIN, TX UNITED STATES 78730

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

Arrive Site: 3:15 PM

Depart Site: 5:15 PM



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Firm F-3257

PROJECT NO.: ASD24-101-00

DATE OF TEST: 09/23/2024

ASSIGNMENT NO.: S24-017744

REPORT VERSION: A

SHEET NUMBER: 4 of 4

TECHNICIAN: Jonathan Martinez

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
23	Lot 8-9	5	F	10.5	114.1	98.4	Yes
24	Lot 10-11	5	F	10.1	114.3	98.6	Yes
25	Lot 12-13	5	F	9.2	113.7	98.1	Yes
26	Lot 14-15	5	F	9.4	114.0	98.4	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

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)

RABA KISTNER, INC.

BY: 
09/24/2024



Updated By: Jmartinez 9/23/2024 7:56:01PM

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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: 09:30 AM

Depart Site: 12:00 PM



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

PROJECT NO.: ASD24-101-00

DATE OF TEST: 09/24/2024

ASSIGNMENT NO.: S24-017779

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>Block 10 Waterline (8in)</u>						
1	Lot 69	5	F	9.2	120.3	103.8	Yes
2	Lot 70	5	F	9.4	120.7	104.1	Yes
3	Lot 71	5	F	9.4	120.5	104.0	Yes
4	Lot 72	5	F	9.7	119.3	102.9	Yes
5	Lot 73	5	F	9.2	120.0	103.5	Yes
6	Lot 74	5	F	9.0	120.2	103.7	Yes
7	Lot 75	5	F	9.9	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 (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.

* - 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: 09:30 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: 09/24/2024

ASSIGNMENT NO.: S24-017779

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
8	Lot 76	5	F	8.9	120.2	103.7	Yes
9	Lot 77	5	F	9.3	119.5	103.1	Yes
10	Lot 78	5	F	9.8	120.2	103.7	Yes
11	Lot 20	5	F	9.5	120.1	103.6	Yes
12	Lot 21	5	F	9.6	120.4	103.9	Yes
	<u>Block 10 Water Service Line (8in)</u>						
13	Lot 18	5	F	9.2	119.7	103.3	Yes
14	Lot 19	5	F	9.5	119.8	103.4	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

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

RABA KISTNER, INC.

BY: 
09/25/2024



Updated By: Mnolin 9/25/2024 5:34:29AM

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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: 3:45 PM

Depart Site: 4:45 PM



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Firm F-3257

PROJECT NO.: ASD24-101-00

DATE OF TEST: 09/24/2024

ASSIGNMENT NO.: S24-017789

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>Rockcress Road, Block 13, 3/4 inch service line</u>						
1	Lot 18 and 19	3	1	10.6	118.9	97.9	Yes
2	Lots 20 and 21	3	1	12.5	118.6	97.6	Yes
3	Lots 22 and 23	5	1	12.7	112.0	96.6	Yes
4	Lots 24 and 25	3	1	12.2	116.6	96.0	Yes
5	Lot 901	5	1	12.5	113.5	97.9	Yes
	<u>18 inch water main Rockcress Road. Lots 96-106, block 10</u>						
6	Lot 96	5	1	8.8	114.5	98.8	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
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 Perkovich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-27I (7521)

GAUGE MODEL: 3411-B

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: 3:45 PM

Depart Site: 4:45 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 09/24/2024

ASSIGNMENT NO.: S24-017789

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	Lot 98	3	1	10.9	118.7	97.7	Yes
8	Lot 100	3	1	12.5	117.8	97.0	Yes
9	Lot 101	3	1	12.6	117.5	96.7	Yes
10	Lot 102	5	1	12.0	110.5	95.3	Yes
11	Lot 103	7	1	14.8	106.7	96.9	Yes
12	Lot 104	7	1	14.6	109.3	99.3	Yes
13	Lot 105	7	1	14.3	109.9	99.8	Yes
14	Lot 106	5	1	11.9	114.6	98.9	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
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 Perkovich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-27I (7521)

GAUGE MODEL: 3411-B

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: 3:45 PM

Depart Site: 4:45 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 09/24/2024

ASSIGNMENT NO.: S24-017789

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
	18 inch water line, Ablom Drive lots 107-109						
15	Lot 107	3	1	12.6	116.5	95.9	Yes
16	Lot 108	3	1	12.2	118.1	97.2	Yes
17	Lot 109	3	1	10.9	117.3	96.5	Yes

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

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-27I (7521)

GAUGE MODEL: 3411-B

GAUGE MAKE: Humboldt

TEST MODE: Method A

REMARKS: Lift information was provided by contractor.

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RABA KISTNER, INC.

BY: 
09/25/2024



Updated By: Jstandridge 9/24/2024 6:13:47PM

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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: 12:30 PM



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Firm F-3257

PROJECT NO.: ASD24-101-00

DATE OF TEST: 09/25/2024

ASSIGNMENT NO.: S24-017815

REPORT VERSION: A

SHEET NUMBER: 1 of 3

TECHNICIAN: Jonathan Martinez

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Rockcrest Rd. Block 10 8in Water Main</u>						
1	Lot 96	3	F	8.9	118.6	97.6	Yes
2	Lot 97	3	F	9.4	116.8	96.1	Yes
3	Lot 98	3	F	8.9	120.3	99.0	Yes
4	Lot 99	3	F	9.5	118.3	97.4	Yes
5	Lot 100	3	F	9.2	116.9	96.2	Yes
6	Lot 102	3	F	8.6	117.3	96.5	Yes
7	Lot 103	3	F	9.0	119.3	98.2	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
3	Tan Clayey Gravel with Sand (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-57P (2573)

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: 11:15 AM

Depart Site: 12:30 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 09/25/2024

ASSIGNMENT NO.: S24-017815

REPORT VERSION: A

SHEET NUMBER: 2 of 3

TECHNICIAN: Jonathan Martinez

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
8	Lot 104	3	F	8.8	118.3	97.4	Yes
9	Lot 105	3	F	9.3	117.9	97.0	Yes
10	Lot 106	3	F	9.7	119.7	98.5	Yes
	<u>Abloom Dr. Block 10 8in Water Main</u>						
11	Lot 107	3	F	9.1	117.9	97.0	Yes
12	Lot 108	3	F	8.7	119.5	98.4	Yes
13	Lot 109	3	F	9.5	119.1	98.0	Yes
	<u>Rockcrest Rd. Block 13</u>						

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: John Perkovich

CONTRACTOR: VK Knowlton

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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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: 12:30 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 09/25/2024

ASSIGNMENT NO.: S24-017815

REPORT VERSION: A

SHEET NUMBER: 3 of 3

TECHNICIAN: Jonathan Martinez

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
14	Lot 18-19	3	F	8.6	117.8	97.0	Yes
15	Lot 20-21	3	F	8.9	117.3	96.5	Yes
16	Lot 22-23	3	F	9.6	118.4	97.4	Yes
17	Lot 24-25	3	F	10.4	117.7	96.9	Yes
18	Lot 901	3	F	10.0	118.0	97.1	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-57P (2573)

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: 
09/27/2024



Updated By: Jmartinez 9/25/2024 9:33:20PM

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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: 5:15 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 09/25/2024

ASSIGNMENT NO.: S24-017840

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>Water Main 8in. at Lovat Way Block 10</u>						
1	Lot 69	5	F	9.8	111.9	96.5	Yes
2	Lot 70	5	F	8.9	112.2	96.8	Yes
3	Lot 71	5	F	9.6	111.6	96.3	Yes
4	Lot 72	5	F	9.2	111.2	95.9	Yes
5	Lot 73	5	F	9.5	112.8	97.3	Yes
6	Lot 74	5	F	8.9	114.0	98.4	Yes
7	Lot 75	5	F	10.1	113.1	97.6	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
5	Tan Clayey Gravel with Sand (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-58F (29223)

GAUGE MODEL: 3440

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: 5:15 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 09/25/2024

ASSIGNMENT NO.: S24-017840

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
8	Lot 76	5	F	10.3	112.4	97.0	Yes
9	Lot 77	5	F	9.4	111.7	96.4	Yes
10	Lot 78	5	F	9.1	111.3	96.0	Yes
	<u>Water Services at Lovat Way Block 10</u>						
11	Lot 18	5	F	9.2	114.3	98.6	Yes
12	Lot 19	5	F	9.7	113.7	98.1	Yes
13	Lot 20	5	F	9.1	110.9	95.7	Yes
14	Lot 21	5	F	8.9	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-58F (29223)

GAUGE MODEL: 3440

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

RABA KISTNER, INC.

BY: 
09/27/2024



Updated By: RZavala 9/25/2024 6:31:11PM

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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: 09:00 AM

Depart Site: 10:30 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: 10/14/2024

ASSIGNMENT NO.: S24-018423

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>Rockcress Rd Block 10</u>						
1	Lot 96	6	1	11.9	106.8	98.0	Yes
2	Lot 97	6	1	12.7	106.5	97.7	Yes
3	Lot 98	6	1	11.8	107.0	98.2	Yes
4	Lot 101	6	1	12.0	106.1	97.3	Yes
5	Lot 102	6	1	12.1	106.2	97.4	Yes
6	Lot 103	6	1	11.9	106.0	97.2	Yes
7	Lot 105	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

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: 09:00 AM

Depart Site: 10:30 AM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 10/14/2024

ASSIGNMENT NO.: S24-018423

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
	<u>Aurora Hill Block 13</u>						
8	Lot 13	6	1	11.8	106.5	97.7	Yes
9	Lot 4	6	1	12.6	105.0	96.3	Yes
10	Lot 5	6	1	11.8	106.6	97.8	Yes
11	Lot 7	6	1	11.9	106.5	97.7	Yes
12	Lot 10	6	1	12.6	105.5	96.8	Yes
13	Lot 12	6	1	12.1	106.3	97.5	Yes
14	Lot 14	6	1	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

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: 10:30 AM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 10/14/2024

ASSIGNMENT NO.: S24-018423

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 15	6	1	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

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

RABA KISTNER, INC.

BY: 
10/22/2024



Updated By: Jvera 10/15/2024 9:04:29AM

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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: 10:00 AM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 11/08/2024

ASSIGNMENT NO.: S24-019160

REPORT VERSION: A

SHEET NUMBER: 1 of 2

TECHNICIAN: Javier Flores

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Main water line on Rockcress Road</u>						
1	At Lot 79	6	1	14.5	107.3	98.4	Yes
2	At Lot 84	6	1	12.3	109.9	100.8	Yes
	<u>Services for main line to Lots on Rockcress Road</u>						
3	Lot 78	2	1	14.2	111.0	99.5	Yes
4	Lot 79/80	2	1	15.1	113.2	101.4	Yes
5	Lot 81/82	2	1	13.8	110.6	99.1	Yes
6	Lot 83	2	1	14.0	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
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: 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

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

PROJECT NO.: ASD24-101-00
DATE OF TEST: 11/08/2024
ASSIGNMENT NO.: S24-019160
REPORT VERSION: A
SHEET NUMBER: 2 of 2
TECHNICIAN: Javier Flores

Arrive Site: 08:00 AM Depart Site: 10:00 AM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
7	Lot 84/85	2	1	13.0	112.2	100.5	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
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: 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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VK Knowlton Construction (1) (E-mail Report)

RABA KISTNER, INC.

BY: 
11/13/2024



Updated By: Jaflores 11/8/2024 5:09:32PM

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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

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

PROJECT NO.: ASD24-101-00
DATE OF TEST: 11/08/2024
ASSIGNMENT NO.: S24-019181
REPORT VERSION: A
SHEET NUMBER: 1 of 2
TECHNICIAN: Roberto Zavala

Arrive Site: 1:45 PM Depart Site: 3:00 PM

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	Water main at Rockcress Rd. Block 10						
1	Lot 87	2	F	14.1	106.9	95.8	Yes
2	Lot 88	2	F	12.8	109.2	97.8	Yes
3	Lot 89	2	F	12.9	108.7	97.4	Yes
4	Lot 90	2	F	14.3	109.9	98.5	Yes
5	Lot 91	2	F	12.1	110.8	99.3	Yes
6	Lot92	2	F	12.3	111.2	99.6	Yes
7	Lot 93	2	F	13.2	110.5	99.0	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: John Perkovich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-11A (9260)

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

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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: 1:45 PM Depart Site: 3:00 PM



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PROJECT NO.: ASD24-101-00
DATE OF TEST: 11/08/2024
ASSIGNMENT NO.: S24-019181
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
8	Lot 94	2	F	12.5	111.4	99.8	Yes
9	Lot 95	2	F	13.4	109.8	98.4	Yes
	<u>Water Services at Rockcress Rd. Block 10</u>						
10	Lot 78	2	F	14.9	110.2	98.7	Yes
11	Lot 79-80	2	F	15.1	108.5	97.2	Yes
12	Lot 81-82	2	F	15.8	108.1	96.9	Yes
13	Lot 83	2	F	14.7	110.4	98.9	Yes
14	Lot 84-85	2	F	14.6	110.8	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 (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: John Perkovich

CONTRACTOR: VK Knowlton

GAUGE NUMBER: S-11A (9260)

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: 
11/13/2024



Updated By: Rzavala 11/8/2024 5:39:35PM

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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: 1:00 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
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PROJECT NO.: ASD24-101-00

DATE OF TEST: 09/09/2024

ASSIGNMENT NO.: S24-017238

REPORT VERSION: A

SHEET NUMBER: 1 of 5

TECHNICIAN: Roberto Zavala

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Main water line at Grandview Rd. Block 10</u>						
1	Lot 25	4	1	9.5	122.1	97.8	Yes
2	Lot 26	4	1	10.1	121.7	97.5	Yes
3	Lot 27	4	1	9.3	122.3	98.0	Yes
4	Lot 28	4	1	10.3	120.9	96.9	Yes
5	Lot 29	4	1	9.7	122.3	98.0	Yes
6	Lot 30	4	1	9.2	120.7	96.7	Yes
7	Lot 31	4	1	8.9	121.3	97.2	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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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: 1:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 09/09/2024

ASSIGNMENT NO.: S24-017238

REPORT VERSION: A

SHEET NUMBER: 2 of 5

TECHNICIAN: Roberto Zavala

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
8	Lot 32	4	1	9.4	121.5	97.4	Yes
9	Lot 33	4	1	10.6	122.0	97.8	Yes
10	Lot 34	4	1	10.3	122.2	97.9	Yes
11	Lot 35	4	1	10.1	122.8	98.4	Yes
12	Lot 36	4	1	9.9	121.7	97.5	Yes
13	Lot 37	4	1	9.6	121.6	97.4	Yes
14	Lot 38	4	1	9.5	120.1	96.2	Yes
15	Lot 39	4	1	9.4	119.4	95.7	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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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: 1:00 PM



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Firm F-3257

PROJECT NO.: ASD24-101-00

DATE OF TEST: 09/09/2024

ASSIGNMENT NO.: S24-017238

REPORT VERSION: A

SHEET NUMBER: 3 of 5

TECHNICIAN: Roberto Zavala

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
16	Lot 40	4	1	8.7	119.8	96.0	Yes
17	Lot 41	4	1	10.5	119.5	95.8	Yes
18	Lot 42	4	1	10.9	120.2	96.3	Yes
19	Lot 43	4	1	8.9	122.1	97.8	Yes
20	Lot 44	4	1	9.0	122.6	98.2	Yes
21	Lot 45	4	1	9.0	123.0	98.6	Yes
	<u>Main water line at Moonglade Rd. Block 10</u>						
22	Lot 46	4	1	9.1	123.0	98.6	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

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.

* - 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: 10:30 AM

Depart Site: 1:00 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: 09/09/2024

ASSIGNMENT NO.: S24-017238

REPORT VERSION: A

SHEET NUMBER: 4 of 5

TECHNICIAN: Roberto Zavala

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
23	Lot 47	4	1	10.9	123.2	98.7	Yes
24	Lot 48	4	1	10.7	123.9	99.3	Yes
25	Lot 49	4	1	10.1	121.3	97.2	Yes
26	Lot 50	4	1	10.5	121.8	97.6	Yes
27	Lot 51	4	1	9.8	121.2	97.1	Yes
28	Lot 52	4	1	9.9	122.7	98.3	Yes
29	Lot 53	4	1	9.2	122.4	98.1	Yes
30	Lot 54	4	1	10.3	120.7	96.7	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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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: 1:00 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 09/09/2024

ASSIGNMENT NO.: S24-017238

REPORT VERSION: A

SHEET NUMBER: 5 of 5

TECHNICIAN: Roberto Zavala

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
31	Lot 55	4	1	10.4	120.5	96.6	Yes
32	Lot 56	4	1	10.0	121.7	97.5	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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VK Knowlton Construction (1) (E-mail Report)

RABA KISTNER, INC.

BY: 
09/10/2024



Updated By: RZavala 9/9/2024 5:40:28PM

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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: 3:15 PM

Depart Site: 4:30 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 09/09/2024

ASSIGNMENT NO.: S24-017253

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>Main water line at Brivet CRK Block 10</u>						
1	Lot 57	4	1	9.7	120.7	96.7	Yes
2	Lot 58	4	1	9.2	121.3	97.2	Yes
3	Lot 59	4	1	9.5	122.8	98.4	Yes
4	Lot 60	4	1	10.1	122.3	98.0	Yes
5	Lot 61	4	1	10.3	122.5	98.2	Yes
	<u>Main water line at Golden CRST Block 10</u>						
6	Lot 62	4	1	8.9	119.9	96.1	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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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: 3:15 PM

Depart Site: 4:30 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 09/09/2024

ASSIGNMENT NO.: S24-017253

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
7	Lot 63	4	1	9.3	119.7	95.9	Yes
8	Lot 64	4	1	10.1	121.4	97.3	Yes
9	Lot 65	4	1	10.5	121.0	97.0	Yes
10	Lot 66	4	1	9.8	122.3	98.0	Yes
11	Lot 67	4	1	9.9	122.1	97.8	Yes
12	Lot 68	4	1	10.2	121.5	97.4	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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RABA KISTNER, INC.

BY: 
09/10/2024



Updated By: Rzavala 9/9/2024 5:35:04PM

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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: 12:00 PM

Depart Site: 1:30 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 09/10/2024

ASSIGNMENT NO.: S24-017284

REPORT VERSION: A

SHEET NUMBER: 1 of 1

TECHNICIAN: Tristan Ince

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>3/4 inch Service Line, Block 10</u>						
1	Lot 24/23	5	1	12.4	120.0	103.5	Yes
2	Lot 23/22	5	1	12.8	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: John Perkovich

CONTRACTOR: V.K. Knowlton

WEATHER: Sunny

GAUGE NUMBER: A-Humboldt 4620 (Ca **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: 
09/11/2024



Updated By: Tince 9/10/2024 1:21:57PM

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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: 11:45 AM

Depart Site: 1:30 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 09/11/2024

ASSIGNMENT NO.: S24-017323

REPORT VERSION: A

SHEET NUMBER: 1 of 3

TECHNICIAN: Roberto Zavala

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Water Services at Golden CRST Block 12 Lots 1-7</u>						
1	Lot 1	5	1	10.3	110.2	95.1	Yes
2	Lot 2	5	1	11.2	111.3	96.0	Yes
3	Lot 3	5	1	10.1	110.6	95.4	Yes
4	Lot 4	5	1	9.2	110.7	95.5	Yes
5	Lot 5	5	1	9.9	111.0	95.8	Yes
6	Lot 6	5	1	9.5	110.9	95.7	Yes
7	Lot 7	5	1	10.7	111.2	95.9	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (%)	LAB TEST PROCEDURE
5	Tan Clayey Gravel with Sand (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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FIELD TEST REPORT

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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: 11:45 AM

Depart Site: 1:30 PM



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PROJECT NO.: ASD24-101-00

DATE OF TEST: 09/11/2024

ASSIGNMENT NO.: S24-017323

REPORT VERSION: A

SHEET NUMBER: 2 of 3

TECHNICIAN: Roberto Zavala

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
	<u>Water Services at Moonglade Rd. Block 12 Lots 47-56</u>						
8	Lot 47	5	1	10.8	111.8	96.5	Yes
9	Lot 48	5	1	10.5	111.1	95.9	Yes
10	Lot 49	5	1	9.8	110.7	95.5	Yes
11	Lot 50	5	1	10.1	111.3	96.0	Yes
12	Lot 51	5	1	10.3	112.0	96.6	Yes
13	Lot 52	5	1	10.9	110.4	95.3	Yes
14	Lot 53	5	1	10.8	110.2	95.1	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

REFERENCE: UTILITY - BACKFILL

FIELD TEST PROCEDURE: ASTM D 6938

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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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PROJECT NO.: ASD24-101-00

DATE OF TEST: 09/11/2024

ASSIGNMENT NO.: S24-017323

REPORT VERSION: A

SHEET NUMBER: 3 of 3

TECHNICIAN: Roberto Zavala

TEST NO.	TEST LOCATION	SOIL TYPE	LIFT NO. /DEPTH	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	PERCENT PROCTOR (%)	CONFORM
15	Lot 54	5	1	10.2	111.5	96.2	Yes
16	Lot 55	5	1	11.1	110.9	95.7	Yes
17	Lot 56	5	1	10.8	112.2	96.8	Yes

CURVE ID.	SOIL TYPE	OPTIMUM MOISTURE (%)	MAX. DRY DENSITY (PCF)	REQUIRED MOISTURE (%)	REQUIRED DENSITY (PCF)	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: 
09/12/2024



Updated By: Rzavala 9/11/2024 6:56:22PM

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