



Construction Materials Testing
New Street Construction
Gates Subdivision Unit 2
Bexar County, Texas

InTEC Project No. S232134-4
February 12, 2025

MEH Holding Company LTD
5210 Thousand Oaks, Suite 1318
San Antonio, Texas 78233



Integrated Testing and Engineering Company of San Antonio, L.P.

Geotechnical & Environmental Engineering • Construction Services • Geologic Assessment

February 12, 2025

E.A. Palaniappan, Ph.D., P.E.
Murali Subramaniam, Ph.D., P.E.
Kausi Subramaniam, B.S.

MEH Holding Company LTD
5210 Thousand Oaks, Suite 1318
San Antonio, Texas 78233

Attention: Ms. Jaime L. Johnson

Re: Construction Materials Testing
New Street Construction
Gates Subdivision Unit 2
Bexar County, Texas

InTEC Project #: S232134-4

Ladies and Gentlemen:

Integrated Testing and Engineering Company of San Antonio, L.P. (InTEC) performed compaction evaluation at the above referenced project site between November 27, 2023 and January 24, 2025.

Field density tests were performed on an "on call" basis by the contractor. Full time observation of fill placement was not performed. Laboratory Compaction and Field Density Tests results at the above referenced project site are presented for your review.

We appreciate and wish to thank you for the opportunity to be of service to you on this project. If we can be of additional assistance, or if you have any questions, please call us.

Respectfully Submitted,
InTEC of San Antonio, L.P.

Murali Subramaniam, Ph.D., P.E.

Copies Submitted: Above (1)



[Signature]
02/12/2025



InTEC of San Antonio
12028 Radium
San Antonio, TX 78216
Phone: 210-525-9033

Moisture Density Relationship

Client:

MEH Holding Company LTD
5210 Thousand Oaks, Suite 1318
San Antonio, TX 78233

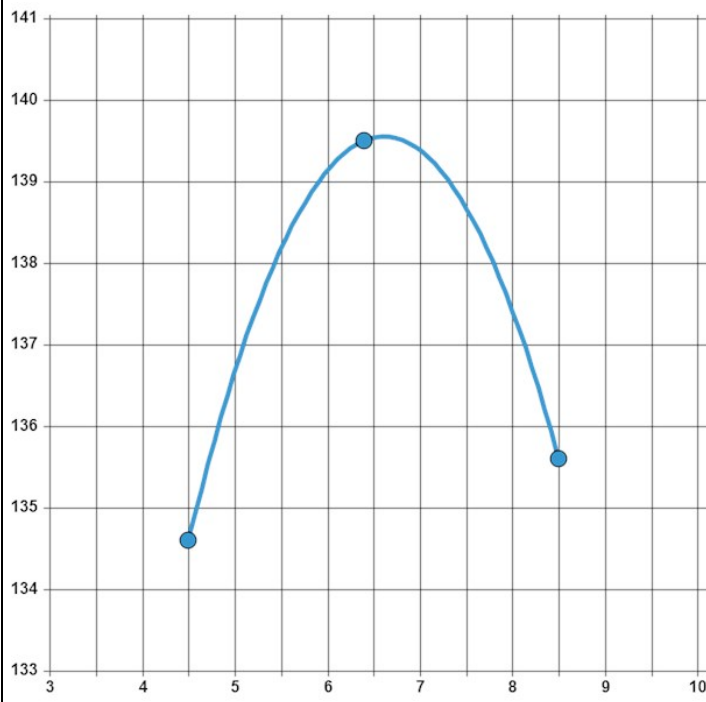
Project:

S232134
Gates Subdivision Unit 2
29.381265682887246, -98.32008373231879
Bexar County, TX

SAMPLE DATA

Sample Number: 29657**Sample Date:** 10/10/2024**Technician:** Torres, Emanuel**Material Use:** Street Base**Sample Location:** Onsite Stockpile**Material Description:** Base

LAB DATA

Test Method: Tex 113E**Proctor Curve:****Maximum Dry Density (pcf):** 139.6**Optimum Moisture (%):** 6.6**Soil Classification:** GC Crushed Limestone**Test Completed Date:** 10/15/2024**Test Completed By:** Agare, Ovie



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Moisture Density Relationship

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San Antonio, TX 78233

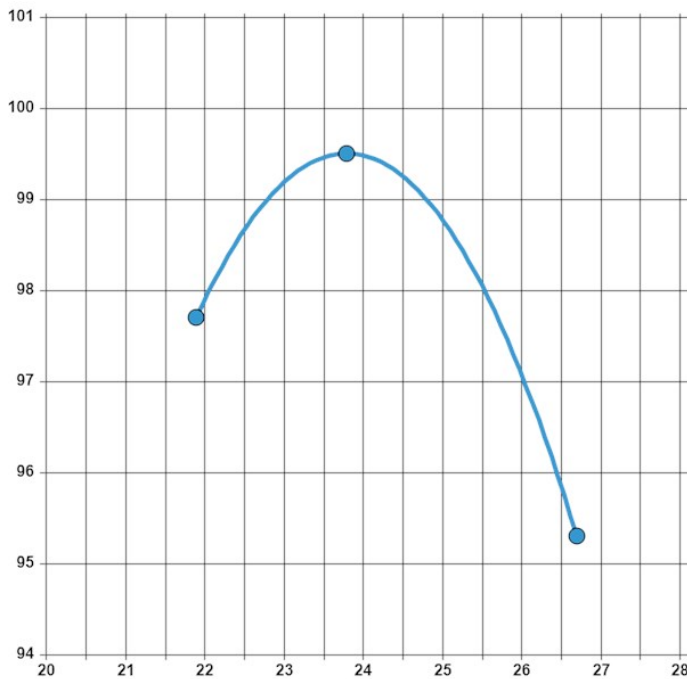
Project:

S232134
Gates Subdivision Unit 2
29.381265682887246, -98.32008373231879
Bexar County, TX

SAMPLE DATA

Sample Number: 29303**Sample Date:** 09/23/2024**Technician:** Torres, Emanuel**Material Use:** Street-Lime Subgrade**Sample Location:** Kestis Lane STA 3+00**Material Description:** Brown to Dark Brown Clay with Gravel

LAB DATA

Density Standard: Tex 121E**Proctor Curve:****Maximum Dry Density (pcf):** 99.5**Optimum Moisture (%):** 23.8**Soil Classification:** CH-GV Clay with gravel - Lime Stabilized**Test Completed Date:** 09/26/2024**Test Completed By:** Agare, Ovie

*May be applied to other areas with similar soil



Moisture Density Relationship

InTEC of San Antonio 12028 Radium San Antonio, TX 78216 Phone: 210-525-9033	Client: MEH Holding Company LTD 5210 Thousand Oaks, Suite 1318 San Antonio, TX 78233	Project: S232134 Gates Subdivision Unit 2 29.381265682887246, -98.32008373231879 Bexar County, TX
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SAMPLE DATA

Sample Number: 29313

Sample Date: 09/24/2024

Technician: Torres, Emanuel

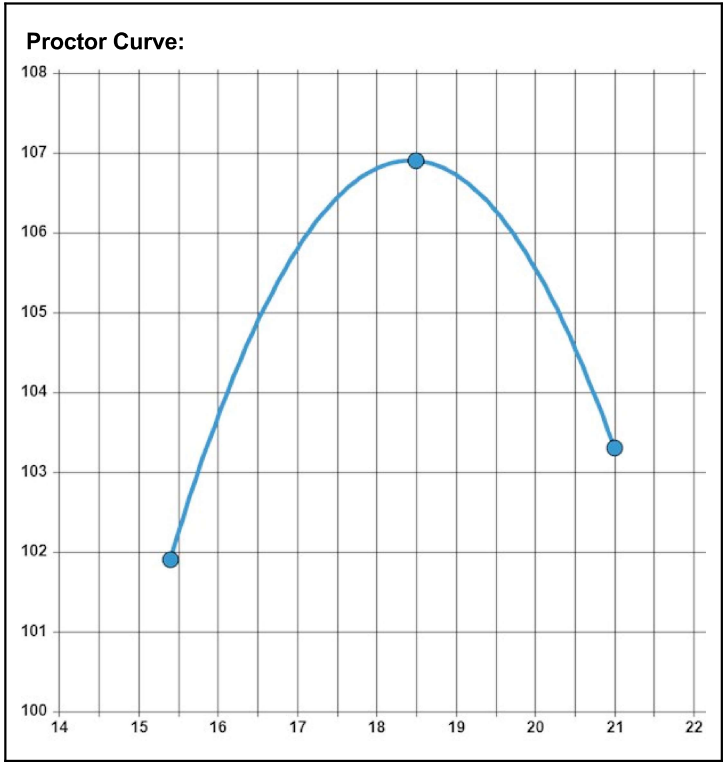
Material Use: Street-Lime Subgrade

Sample Location: Frostwood Hts STA 30+00

Material Description: Brown Clay with Gravel

LAB DATA

Density Standard: Tex 121E



Maximum Dry Density (pcf): 106.9

Optimum Moisture (%): 18.4

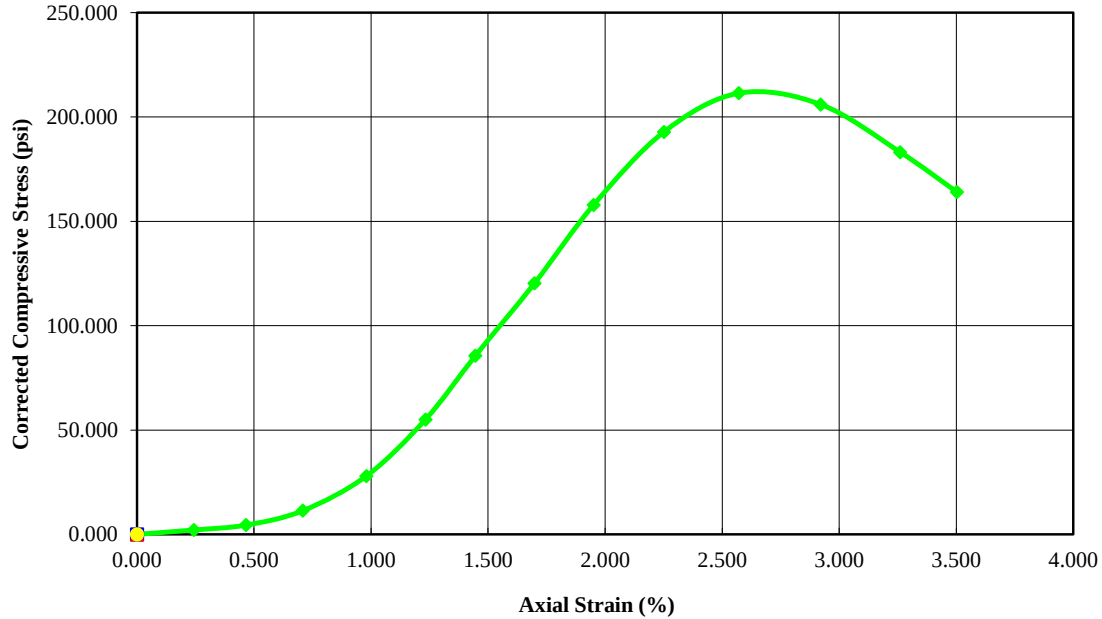
Soil Classification: CH-GV Clay with gravel - Lime Stabilized

Test Completed Date: 09/27/2024

Test Completed By: Agare, Ovie

Unconfined Compression Test Report (ASTM D5102)

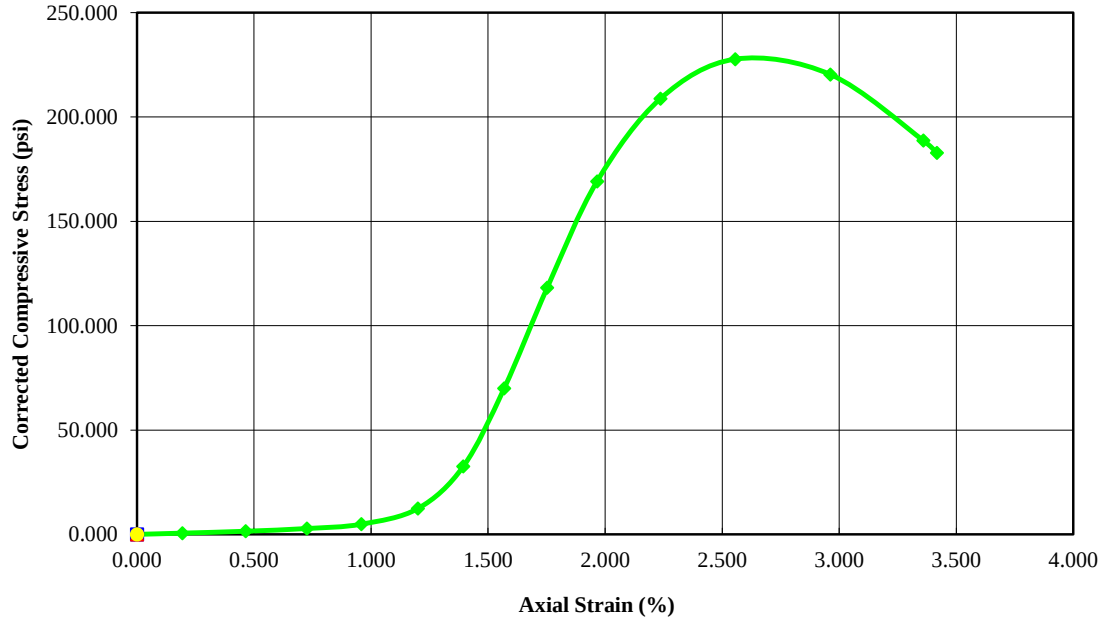
Compressive Stress Axial Strain Curve



Before Test	Specimen			
	A	B	C	D
Water Content (%)	23.80			
Dry Density (pcf)	92.221			
Saturation (%)	79.44			
Void Ratio	0.79			
Diameter (in)	4.000			
Height (in)	4.560			
Test Data	A	B	C	D
Unconfined Strength (psi)	211.420			
Undrained Shear Strength (tsf)	7.611			
Undrained Shear Strength (psi)	105.710			
Rate of Strain (in/min)	0.050000			
Strain at Failure (%)	2.57			
Description				
Project Information		Specimen Description		
Project Number	S232134	Specimen A	Brown to dark brown clay with gravel	
Project	Gates Sub U-2	Specimen B		
Sampling Date	9/23/2024	Specimen C		
Sample Location	KESTIS LN STA 3+00	Specimen D		
Client		Test Variables		
		Specific Gravity	2.65	
		Liquid Limit:		
		Plastic Limit:		
Remarks				

Unconfined Compression Test Report (ASTM D5102)

Compressive Stress Axial Strain Curve



Before Test	Specimen			
	A	B	C	D
Water Content (%)	18.40			
Dry Density (pcf)	99.924			
Saturation (%)	58.07			
Void Ratio	0.84			
Diameter (in)	4.000			
Height (in)	4.570			
Test Data	A	B	C	D
Unconfined Strength (psi)	227.718			
Undrained Shear Strength (tsf)	8.198			
Undrained Shear Strength (psi)	113.859			
Rate of Strain (in/min)	0.050000			
Strain at Failure (%)	2.56			
Description				
Project Information		Specimen Description		
Project Number	S232134	Specimen A	Brown clay with gravel	
Project	Gates Sub U-2	Specimen B		
Sampling Date	9/24/2024	Specimen C		
Sample Location	Frostwood Hts STA 30+00	Specimen D		
Client		Test Variables		
		Specific Gravity	2.65	
		Liquid Limit:		
		Plastic Limit:		
Remarks				

REPORT OF ASPHALT LABORATORY TESTS



Project Number	S232134			Date Sampled	1/23/2025		
Project Name	Gates Subdivision Unit 2						
Tested For	MEH Holding Company LTD			Vendor	Bobcat Materials		
Material Description	Type C Hot Mix Asphalt			Soil ID	7C		

Tex-227-F MAXIMUM SPECIFIC GRAVITY

Rice Specific Gravity	2.458
Maximum Density, PCF	153.4

Tex-236-F ASPHALT CONTENT

Asphalt Content	4.7
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Tex-207-F BULK SPECIFIC GRAVITY

SPECIMEN #	1	2	3
BULK SPECIFIC GRAVITY	2.363	2.365	2.366
DENSITY %	96.1	96.2	96.3
AVG. BULK DENSITY	96.2		

Tex-200-F SIEVE ANALYSIS

Size	% Passing	TxDOT Spec.
		Item 341
3"		
2 1/2"		
1 3/4"		
1"	100.0	100
3/4"	91.2	95-100
1/2"		-
3/8"	73.2	70-85
No. 4	45.9	43-63
No. 8	36.0	32-44
No. 16		-
No. 30	22.1	14-28
No. 50	10.8	7-21
No. 80		-
No. 100		-
No. 200	4.1	2-7

Notes:

Respectfully submitted.
InTEC of San Antonio, L.P.

murali

Murali Subramaniam, Ph.D., P.E.

Integrated Engineering and Testing Company of San Antonio, L.P.

12028 Radium, San Antonio, Texas 78216

Phone: (210) 525-9033

Fax: (210) 525-9032

REPORT OF ASPHALT LABORATORY TESTS



Project Number	S232134			Date Sampled	1/23/2025		
Project Name	Gates Subdivision Unit 2						
Tested For	MEH Holding Company LTD			Vendor	Bobcat Materials		
Material Description	Type D Hot Mix Asphalt			Soil ID	7D		

Tex-227-F MAXIMUM SPECIFIC GRAVITY

Rice Specific Gravity	2.443
Maximum Density, PCF	152.4

Tex-236-F ASPHALT CONTENT

Asphalt Content	5.1
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Tex-207-F BULK SPECIFIC GRAVITY

SPECIMEN #	1	2	3
BULK SPECIFIC GRAVITY	2.344	2.349	2.350
DENSITY %	95.9	96.2	96.2
AVG. BULK DENSITY	96.1		

Tex-200-F SIEVE ANALYSIS

Size	% Passing	TxDOT Spec.
		Item 341
3"		
2 1/2"		
1 3/4"		
1"		
3/4"		
1/2"	99.7	98-100
3/8"	98.8	85-100
No. 4	64.4	50-70
No. 8	40.4	35-46
No. 16		-
No. 30	23.2	15-29
No. 50	15.3	7-20
No. 80		-
No. 100		-
No. 200	4.2	2-7

Notes:

Respectfully submitted.
InTEC of San Antonio, L.P.

murali

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InTEC of San Antonio
12028 Radium
San Antonio, TX 78216
Phone: 210-525-9033

Compaction Evaluation

Report Date: 02/14/2025
Test Method: ASTM D6938, Tex 115E

Client:

MEH Holding Company LTD
5210 Thousand Oaks, Suite 1318
San Antonio, TX 78233

Project:

S232134
Gates Subdivision Unit 2
29.381265682887246, -98.32008373231879
Bexar County, TX

Test Results															
Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Optimum Moisture Tolerance (%)	Remark
313		10/03/24	29303		CH-GV	23.8	99.5	22.5	95.7	117.2	6	96.2	95	-2 / 2	C
314		10/03/24	29303		CH-GV	23.8	99.5	22.8	95.4	117.2	6	95.9	95	-2 / 2	C
315		10/03/24	29303		CH-GV	23.8	99.5	22.4	97.1	118.9	6	97.6	95	-2 / 2	C
316		10/03/24	29303		CH-GV	23.8	99.5	23.0	96.8	119.1	6	97.3	95	-2 / 2	C
317		10/03/24	29303		CH-GV	23.8	99.5	22.4	96.2	117.7	6	96.7	95	-2 / 2	C
318		10/03/24	29303		CH-GV	23.8	99.5	22.8	97.1	119.2	6	97.6	95	-2 / 2	C
319		10/03/24	29303		CH-GV	23.8	99.5	22.1	96.8	118.2	6	97.3	95	-2 / 2	C
320		10/03/24	29303		CH-GV	23.8	99.5	22.5	98.1	120.2	4	98.6	95	-2 / 2	C
Test Information															
Test #	Test Location			Elevation	Reference	Gauge Specs Make / Model / SN / Calibrated			Gauge Standardization Density Standard/Moisture Standard			Field Technician			
313	Streets - Subgrade: Fieldstone Way STA 19+50, 5' off LHS				Subgrade	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
314	Streets - Subgrade: Fieldstone Way STA 21+50, CL				Subgrade	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
315	Streets - Subgrade: Fieldstone Way STA 22+50, 5' off RHS				Subgrade	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
316	Streets - Subgrade: Fieldstone Way STA 23+50, 5' off LHS				Subgrade	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
317	Streets - Subgrade: Fieldstone Way STA 24+50, CL				Subgrade	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
318	Streets - Subgrade: Fieldstone Way STA 25+50, 5' off RHS				Subgrade	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
319	Streets - Subgrade: Fieldstone Way STA 26+50, 5' off LHS				Subgrade	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
320	Streets - Subgrade: Frostwood Hts STA 30+00, 5' off LHS				Subgrade	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

Testing performed when called in.
InTEC did not observe the installation of the material.
Testing directed by the City Inspector when present.
Test results apply only to the specific locations and materials noted and may not represent any other locations or elevations.



InTEC of San Antonio
12028 Radium
San Antonio, TX 78216
Phone: 210-525-9033

Compaction Evaluation

Report Date: 02/14/2025
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Project:

S232134
Gates Subdivision Unit 2
29.381265682887246, -98.32008373231879
Bexar County, TX

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Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Optimum Moisture Tolerance (%)	Remark
321		10/03/24	29303		CH-GV	23.8	99.5	22.9	97.6	120.0	4	98.1	95	-2 / 2	C
322		10/03/24	29303		CH-GV	23.8	99.5	22.2	98.4	120.2	4	98.9	95	-2 / 2	C
323		10/03/24	29303		CH-GV	23.8	99.5	23.3	96.9	119.5	4	97.4	95	-2 / 2	C
324		10/03/24	29303		CH-GV	23.8	99.5	23.0	97.2	119.6	4	97.7	95	-2 / 2	C
325		10/03/24	29303		CH-GV	23.8	99.5	22.7	98.1	120.4	4	98.6	95	-2 / 2	C
326		10/03/24	29303		CH-GV	23.8	99.5	22.4	97.4	119.2	4	97.9	95	-2 / 2	C
327		10/03/24	29303		CH-GV	23.8	99.5	23.1	97.8	120.4	4	98.3	95	-2 / 2	C
328		10/03/24	29303		CH-GV	23.8	99.5	22.6	98.5	120.8	4	99.0	95	-2 / 2	C
Test Information															
Test #	Test Location			Elevation	Reference	Gauge Specs Make / Model / SN / Calibrated			Gauge Standardization Density Standard/Moisture Standard			Field Technician			
321	Streets - Subgrade: Frostwood Hts STA 29+00, CL				Subgrade	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
322	Streets - Subgrade: Frostwood Hts STA 28+00, 5' off RHS				Subgrade	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
323	Streets - Subgrade: Frostwood Hts STA 27+00, 5' off LHS				Subgrade	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
324	Streets - Subgrade: Frostwood Hts STA 25+50, CL				Subgrade	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
325	Streets - Subgrade: Frostwood Hts STA 24+00, 5' off RHS				Subgrade	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
326	Streets - Subgrade: Frostwood Hts STA 22+50, 5' off LHS				Subgrade	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
327	Streets - Subgrade: Frostwood Hts STA 21+00, CL				Subgrade	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
328	Streets - Subgrade: Kestis Ln STA 6+50, 5' off LHS				Subgrade	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

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Compaction Evaluation

Report Date: 02/14/2025
Test Method: ASTM D6938, Tex 115E

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San Antonio, TX 78233

Project:

S232134
Gates Subdivision Unit 2
29.381265682887246, -98.32008373231879
Bexar County, TX

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329		10/03/24	29303		CH-GV	23.8	99.5	23.2	97.8	120.5	4	98.3	95	-2 / 2	C
330		10/03/24	29303		CH-GV	23.8	99.5	22.0	98.1	119.7	4	98.6	95	-2 / 2	C
331		10/04/24	29303		CH-GV	23.8	99.5	24.2	95.7	118.9	4	96.2	95	-2 / 2	C
332		10/04/24	29303		CH-GV	23.8	99.5	25.2	98.5	123.3	4	99.0	95	-2 / 2	C
333		10/04/24	29303		CH-GV	23.8	99.5	23.6	96.9	119.8	4	97.4	95	-2 / 2	C
334		10/04/24	29303		CH-GV	23.8	99.5	23.4	98.3	121.3	4	98.8	95	-2 / 2	C
335		10/04/24	29303		CH-GV	23.8	99.5	22.7	95.7	117.4	4	96.2	95	-2 / 2	C
336		10/04/24	29303		CH-GV	23.8	99.5	22.2	98.2	120.0	4	98.7	95	-2 / 2	C
Test Information															
Test #	Test Location			Elevation	Reference	Gauge Specs Make / Model / SN / Calibrated			Gauge Standardization Density Standard/Moisture Standard			Field Technician			
329	Streets - Subgrade: Kestis Ln STA 5+00, CL				Subgrade	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
330	Streets - Subgrade: Kestis Ln STA 3+00, 5' off RHS				Subgrade	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
331	Streets - Subgrade: Frostwood Hts STA 20+00, 5' off LHS				Subgrade	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
332	Streets - Subgrade: Trout Lily STA 18+50, 5' off LHS				Subgrade	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
333	Streets - Subgrade: Trout Lily STA 17+00, CL				Subgrade	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
334	Streets - Subgrade: Duskview Hill STA 14+50, 5' off LHS				Subgrade	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
335	Streets - Subgrade: Duskview Hill STA 16+00, CL				Subgrade	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
336	Streets - Subgrade: Hastings Way STA 13+00, 5' off LHS				Subgrade	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

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Phone: 210-525-9033

Compaction Evaluation

Report Date: 02/14/2025
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S232134
Gates Subdivision Unit 2
29.381265682887246, -98.32008373231879
Bexar County, TX

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337		10/04/24	29303		CH-GV	23.8	99.5	21.9	98.6	120.2	4	99.1	95	-2 / 2	C
338		10/04/24	29303		CH-GV	23.8	99.5	22.7	97.5	119.6	4	98.0	95	-2 / 2	C
339		10/04/24	29303		CH-GV	23.8	99.5	22.6	99.3	121.7	4	99.8	95	-2 / 2	C
340		10/04/24	29303		CH-GV	23.8	99.5	23.4	97.3	120.1	4	97.8	95	-2 / 2	C
341		10/04/24	29303		CH-GV	23.8	99.5	24.0	98.1	121.6	4	98.6	95	-2 / 2	C
342		10/04/24	29303		CH-GV	23.8	99.5	23.1	97.2	119.7	4	97.7	95	-2 / 2	C
Test Information															
Test #	Test Location			Elevation	Reference	Gauge Specs Make / Model / SN / Calibrated			Gauge Standardization Density Standard/Moisture Standard			Field Technician			
337	Streets - Subgrade: Hastings Way STA 11+50, CL				Subgrade	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
338	Streets - Subgrade: Hastings Way STA 10+50, 5' off RHS				Subgrade	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
339	Streets - Subgrade: Hawkwell Ln STA 3+00, 5' off LHS				Subgrade	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
340	Streets - Subgrade: Hawkwell Ln STA 4+50, CL				Subgrade	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
341	Streets - Subgrade: Hawkwell Ln STA 6+00, 5' off RHS				Subgrade	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
342	Streets - Subgrade: Hawkwell Ln STA 7+50, 5' off LHS				Subgrade	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

Testing performed when called in.
InTEC did not observe the installation of the material.
Testing directed by the City Inspector when present.
Test results apply only to the specific locations and materials noted and may not represent any other locations or elevations.



InTEC of San Antonio
12028 Radium
San Antonio, TX 78216
Phone: 210-525-9033

Compaction Evaluation

Report Date: 02/14/2025
Test Method: ASTM D6938, Tex 115E

Client:

MEH Holding Company LTD
5210 Thousand Oaks, Suite 1318
San Antonio, TX 78233

Project:

S232134
Gates Subdivision Unit 2
29.381265682887246, -98.32008373231879
Bexar County, TX

Test Results															
Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Optimum Moisture Tolerance (%)	Remark
343		10/10/24	29657		GC	6.6	139.6	5.0	137.7	144.6	4	98.6	95	-2 / 2	C
344		10/10/24	29657		GC	6.6	139.6	5.2	136.9	144.0	4	98.1	95	-2 / 2	C
345		10/10/24	29657		GC	6.6	139.6	5.0	137.4	144.3	4	98.4	95	-2 / 2	C
346		10/10/24	29657		GC	6.6	139.6	4.8	138.1	144.7	4	98.9	95	-2 / 2	C
347		10/10/24	29657		GC	6.6	139.6	5.0	135.1	141.9	4	96.8	95	-2 / 2	C
348		10/10/24	29657		GC	6.6	139.6	4.8	134.8	141.3	4	96.6	95	-2 / 2	C
349		10/10/24	29657		GC	6.6	139.6	5.1	133.9	140.7	4	95.9	95	-2 / 2	C
350		10/10/24	29657		GC	6.6	139.6	5.3	135.7	142.9	4	97.2	95	-2 / 2	C
Test Information															
Test #	Test Location			Elevation	Reference	Gauge Specs Make / Model / SN / Calibrated			Gauge Standardization Density Standard/Moisture Standard			Field Technician			
343	Streets - Base: Hawkwell Ln STA 3+00, CL				1st Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
344	Streets - Base: Hawkwell Ln STA 4+50, 5' off RHS				1st Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
345	Streets - Base: Hawkwell Ln STA 6+00, 5' off LHS				1st Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
346	Streets - Base: Hawkwell Ln STA 7+50, CL				1st Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
347	Streets - Base: Frostwood Hts STA 21+00, CL				1st Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
348	Streets - Base: Frostwood Hts STA 22+00, 5' off RHS				1st Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
349	Streets - Base: Frostwood Hts STA 23+50, 5' off LHS				1st Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
350	Streets - Base: Frostwood Hts STA 25+00, CL				1st Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

Testing performed when called in.
InTEC did not observe the installation of the material.
Testing directed by the City Inspector when present.
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InTEC of San Antonio
12028 Radium
San Antonio, TX 78216
Phone: 210-525-9033

Compaction Evaluation

Report Date: 02/14/2025
Test Method: ASTM D6938, Tex 115E

Client:

MEH Holding Company LTD
5210 Thousand Oaks, Suite 1318
San Antonio, TX 78233

Project:

S232134
Gates Subdivision Unit 2
29.381265682887246, -98.32008373231879
Bexar County, TX

Test Results															
Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Optimum Moisture Tolerance (%)	Remark
351		10/10/24	29657		GC	6.6	139.6	4.8	136.1	142.6	4	97.5	95	-2 / 2	C
352		10/10/24	29657		GC	6.6	139.6	5.2	133.7	140.7	4	95.8	95	-2 / 2	C
353		10/10/24	29657		GC	6.6	139.6	4.8	135.2	141.7	4	96.8	95	-2 / 2	C
354		10/10/24	29657		GC	6.6	139.6	4.9	134.4	141.0	4	96.3	95	-2 / 2	C
355		10/10/24	29657		GC	6.6	139.6	5.8	132.9	140.6	4	95.2	95	-2 / 2	C
356		10/10/24	29657		GC	6.6	139.6	5.1	134.6	141.5	4	96.4	95	-2 / 2	C
357		10/10/24	29657		GC	6.6	139.6	4.9	133.4	139.9	4	95.6	95	-2 / 2	C
358		10/10/24	29657		GC	6.6	139.6	4.7	135.1	141.4	4	96.8	95	-2 / 2	C
Test Information															
Test #	Test Location			Elevation	Reference	Gauge Specs Make / Model / SN / Calibrated			Gauge Standardization Density Standard/Moisture Standard			Field Technician			
351	Streets - Base: Frostwood Hts STA 26+50, 5' off RHS				1st Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
352	Streets - Base: Frostwood Hts STA 28+00, 5' off LHS				1st Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
353	Streets - Base: Frostwood Hts STA 29+00, CL				1st Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
354	Streets - Base: Frostwood Hts STA 30+00, 5' off RHS				1st Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
355	Streets - Base: Fieldstone Way STA 26+50, CL				1st Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
356	Streets - Base: Fieldstone Way STA 25+50, 5' off RHS				1st Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
357	Streets - Base: Fieldstone Way STA 24+50, 5' off LHS				1st Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
358	Streets - Base: Fieldstone Way STA 23+50, CL				1st Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

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InTEC of San Antonio
12028 Radium
San Antonio, TX 78216
Phone: 210-525-9033

Compaction Evaluation

Report Date: 02/14/2025
Test Method: ASTM D6938, Tex 115E

Client:

MEH Holding Company LTD
5210 Thousand Oaks, Suite 1318
San Antonio, TX 78233

Project:

S232134
Gates Subdivision Unit 2
29.381265682887246, -98.32008373231879
Bexar County, TX

Test Results															
Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Optimum Moisture Tolerance (%)	Remark
359		10/10/24	29657		GC	6.6	139.6	5.4	132.9	140.1	4	95.2	95	-2 / 2	C
360		10/10/24	29657		GC	6.6	139.6	5.0	134.8	141.5	4	96.6	95	-2 / 2	C
361		10/11/24	29657		GC	6.6	139.6	5.1	144.5	151.9	6	103.5	95	-2 / 2	C
362		10/11/24	29657		GC	6.6	139.6	5.1	138.3	145.4	6	99.1	95	-2 / 2	C
363		10/11/24	29657		GC	6.6	139.6	5.1	140.3	147.5	6	100.5	95	-2 / 2	C
364		10/11/24	29657		GC	6.6	139.6	4.7	141.7	148.4	6	101.5	95	-2 / 2	C
365		10/14/24	29657		GC	6.6	139.6	4.8	140.5	147.2	6	100.6	95	-2 / 2	C
366		10/14/24	29657		GC	6.6	139.6	4.6	141.1	147.6	6	101.1	95	-2 / 2	C
Test Information															
Test #	Test Location			Elevation	Reference	Gauge Specs Make / Model / SN / Calibrated			Gauge Standardization Density Standard/Moisture Standard			Field Technician			
359	Streets - Base: Fieldstone Way STA 22+50, 5' off RHS				1st Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
360	Streets - Base: Fieldstone Way STA 21+50, 5' off LHS				1st Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2097 / 469			Torres, Emanual			
361	Streets - Base: Frostwood Hts STA 20+00, CL				1st Lift	Troxler / 3430P / 76814 / 07/22/2024			2475 / 625			Haynes, Brandon			
362	Streets - Base: Trout Lily STA 18+50, 5' off of RHS				1st Lift	Troxler / 3430P / 76814 / 07/22/2024			2475 / 625			Haynes, Brandon			
363	Streets - Base: Trout Lily STA 16+50, 5' off of LHS				1st Lift	Troxler / 3430P / 76814 / 07/22/2024			2475 / 625			Haynes, Brandon			
364	Streets - Base: Duskview Hill STA 15+00, CL				1st Lift	Troxler / 3430P / 76814 / 07/22/2024			2475 / 625			Haynes, Brandon			
365	Streets - Base: Hastings Way STA 13+00, CL				1st Lift	Troxler / 3430 / 30173 / 08/26/2024			1593 / 554			Villarreal Sr., Robert			
366	Streets - Base: Hastings Way STA 11+50, 5' off LHS				1st Lift	Troxler / 3430 / 30173 / 08/26/2024			1593 / 554			Villarreal Sr., Robert			
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

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InTEC of San Antonio
12028 Radium
San Antonio, TX 78216
Phone: 210-525-9033

Compaction Evaluation

Report Date: 02/14/2025
Test Method: ASTM D6938, Tex 115E

Client:

MEH Holding Company LTD
5210 Thousand Oaks, Suite 1318
San Antonio, TX 78233

Project:

S232134
Gates Subdivision Unit 2
29.381265682887246, -98.32008373231879
Bexar County, TX

Test Results															
Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Optimum Moisture Tolerance (%)	Remark
367		10/14/24	29657		GC	6.6	139.6	4.9	137.2	143.9	6	98.3	95	-2 / 2	C
368		10/14/24	29657		GC	6.6	139.6	4.7	134.0	140.3	6	96.0	95	-2 / 2	C
369		10/18/24	29657		GC	6.6	139.6	4.8	135.8	142.3	6	97.3	95	-2 / 2	C
370		10/18/24	29657		GC	6.6	139.6	5.1	136.5	143.5	6	97.8	95	-2 / 2	C
371		10/18/24	29657		GC	6.6	139.6	5.2	135.1	142.1	6	96.8	95	-2 / 2	C
372		10/18/24	29657		GC	6.6	139.6	5.2	134.4	141.4	6	96.3	95	-2 / 2	C
373		10/18/24	29657		GC	6.6	139.6	5.5	133.9	141.3	6	95.9	95	-2 / 2	C
374		10/18/24	29657		GC	6.6	139.6	4.9	134.8	141.4	6	96.6	95	-2 / 2	C
Test Information															
Test #	Test Location			Elevation	Reference	Gauge Specs Make / Model / SN / Calibrated			Gauge Standardization Density Standard/Moisture Standard			Field Technician			
367	Streets - Base: Hastings Way STA 10+50, 5' off RHS				1st Lift	Troxler / 3430 / 30173 / 08/26/2024			1593 / 554			Villarreal Sr., Robert			
368	Streets - Base: Skybrook Dr STA 2+50, CL				1st Lift	Troxler / 3430 / 30173 / 08/26/2024			1593 / 554			Villarreal Sr., Robert			
369	Streets - Base: Fieldstone Way STA 20+50, CL				2nd Lift	Troxler / 3430 / 30173 / 08/26/2024			1595 / 555			Villarreal Sr., Robert			
370	Streets - Base: Fieldstone Way STA 21+50, 5' off LHS				2nd Lift	Troxler / 3430 / 30173 / 08/26/2024			1595 / 555			Villarreal Sr., Robert			
371	Streets - Base: Fieldstone Way STA 22+50, 5' off RHS				2nd Lift	Troxler / 3430 / 30173 / 08/26/2024			1595 / 555			Villarreal Sr., Robert			
372	Streets - Base: Fieldstone Way STA 23+50, CL				2nd Lift	Troxler / 3430 / 30173 / 08/26/2024			1595 / 555			Villarreal Sr., Robert			
373	Streets - Base: Fieldstone Way STA 24+50, 5' off LHS				2nd Lift	Troxler / 3430 / 30173 / 08/26/2024			1595 / 555			Villarreal Sr., Robert			
374	Streets - Base: Fieldstone Way STA 25+50, 5' off RHS				2nd Lift	Troxler / 3430 / 30173 / 08/26/2024			1595 / 555			Villarreal Sr., Robert			
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

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InTEC of San Antonio
12028 Radium
San Antonio, TX 78216
Phone: 210-525-9033

Compaction Evaluation

Report Date: 02/14/2025
Test Method: ASTM D6938, Tex 115E

Client:

MEH Holding Company LTD
5210 Thousand Oaks, Suite 1318
San Antonio, TX 78233

Project:

S232134
Gates Subdivision Unit 2
29.381265682887246, -98.32008373231879
Bexar County, TX

Test Results															
Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Optimum Moisture Tolerance (%)	Remark
375		10/18/24	29657		GC	6.6	139.6	5.1	136.3	143.3	6	97.6	95	-2 / 2	C
376		10/18/24	29657		GC	6.6	139.6	5.0	135.8	142.6	6	97.3	95	-2 / 2	C
377		10/18/24	29657		GC	6.6	139.6	5.3	135.1	142.3	6	96.8	95	-2 / 2	C
378		10/18/24	29657		GC	6.6	139.6	4.9	135.3	141.9	6	96.9	95	-2 / 2	C
379		10/18/24	29657		GC	6.6	139.6	5.5	135.7	143.2	6	97.2	95	-2 / 2	C
380		10/18/24	29657		GC	6.6	139.6	5.0	133.6	140.3	6	95.7	95	-2 / 2	C
381		10/18/24	29657		GC	6.6	139.6	5.6	135.1	142.7	6	96.8	95	-2 / 2	C
382		10/29/24	29657		GC	6.6	139.6	6.0	141.3	149.8	4	101.2	95	-2 / 2	C
Test Information															
Test #	Test Location			Elevation	Reference	Gauge Specs Make / Model / SN / Calibrated			Gauge Standardization Density Standard/Moisture Standard			Field Technician			
375	Streets - Base: Fieldstone Way STA 26+50, CL				2nd Lift	Troxler / 3430 / 30173 / 08/26/2024			1595 / 555			Villarreal Sr., Robert			
376	Streets - Base: Skybrook Dr STA 2+00, CL				2nd Lift	Troxler / 3430 / 30173 / 08/26/2024			1595 / 555			Villarreal Sr., Robert			
377	Streets - Base: Hastings Way STA 10+50, CL				2nd Lift	Troxler / 3430 / 30173 / 08/26/2024			1595 / 555			Villarreal Sr., Robert			
378	Streets - Base: Hastings Way STA 12+00, 5' off RHS				2nd Lift	Troxler / 3430 / 30173 / 08/26/2024			1595 / 555			Villarreal Sr., Robert			
379	Streets - Base: Frostwood Hts STA 27+50, CL				2nd Lift	Troxler / 3430 / 30173 / 08/26/2024			1595 / 555			Villarreal Sr., Robert			
380	Streets - Base: Frostwood Hts STA 29+00, 5' off RHS				2nd Lift	Troxler / 3430 / 30173 / 08/26/2024			1595 / 555			Villarreal Sr., Robert			
381	Streets - Base: Frostwood Hts STA 30+25, 5' off LHS				2nd Lift	Troxler / 3430 / 30173 / 08/26/2024			1595 / 555			Villarreal Sr., Robert			
382	Streets - Base: Hasting Way STA 11+00, 5' off LHS				3rd Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2059 / 482			Torres, Emanuel			
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

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Compaction Evaluation

Report Date: 02/14/2025
Test Method: ASTM D6938, Tex 115E

Client:

MEH Holding Company LTD
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Project:

S232134
Gates Subdivision Unit 2
29.381265682887246, -98.32008373231879
Bexar County, TX

Test Results															
Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Optimum Moisture Tolerance (%)	Remark
383		10/29/24	29657		GC	6.6	139.6	5.4	139.7	147.2	4	100.1	95	-2 / 2	C
384		10/29/24	29657		GC	6.6	139.6	5.2	142.0	149.4	4	101.7	95	-2 / 2	C
385		10/29/24	29657		GC	6.6	139.6	5.3	138.9	146.3	4	99.5	95	-2 / 2	C
386		10/29/24	29657		GC	6.6	139.6	6.0	137.3	145.5	4	98.4	95	-2 / 2	C
387		10/29/24	29657		GC	6.6	139.6	5.5	140.3	148.0	4	100.5	95	-2 / 2	C
388		10/29/24	29657		GC	6.6	139.6	6.2	137.3	145.8	4	98.4	95	-2 / 2	C
389		10/29/24	29657		GC	6.6	139.6	6.6	142.2	151.6	4	101.9	95	-2 / 2	C
390		10/29/24	29657		GC	6.6	139.6	7.1	139.3	149.2	4	99.8	95	-2 / 2	C
Test Information															
Test #	Test Location			Elevation	Reference	Gauge Specs Make / Model / SN / Calibrated			Gauge Standardization Density Standard/Moisture Standard				Field Technician		
383	Streets - Base: Hasting Way STA 12+00, CL				3rd Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2059 / 482				Torres, Emanual		
384	Streets - Base: Hasting Way STA 13+00, 5' off LHS				2nd Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2059 / 482				Torres, Emanual		
385	Streets - Base: Duskview Hill STA 14+50, 5' off RHS				2nd Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2059 / 482				Torres, Emanual		
386	Streets - Base: Duskview Hill STA 16+00, CL				2nd Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2059 / 482				Torres, Emanual		
387	Streets - Base: Skybrook Dr STA 2+00, CL				3rd Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2059 / 482				Torres, Emanual		
388	Streets - Base: Trout Lily STA 18+00, CL				2nd Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2059 / 482				Torres, Emanual		
389	Streets - Base: Frostwood Hts STA 20+00, 5' off LHS				2nd Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2059 / 482				Torres, Emanual		
390	Streets - Base: Frostwood Hts STA 21+50, 5' off LHS				2nd Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2059 / 482				Torres, Emanual		
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

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InTEC of San Antonio
12028 Radium
San Antonio, TX 78216
Phone: 210-525-9033

Compaction Evaluation

Report Date: 02/14/2025
Test Method: ASTM D6938, Tex 115E

Client:

MEH Holding Company LTD
5210 Thousand Oaks, Suite 1318
San Antonio, TX 78233

Project:

S232134
Gates Subdivision Unit 2
29.381265682887246, -98.32008373231879
Bexar County, TX

Test Results															
Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Optimum Moisture Tolerance (%)	Remark
391		10/29/24	29657		GC	6.6	139.6	6.3	137.2	145.8	4	98.3	95	-2 / 2	C
392		10/29/24	29657		GC	6.6	139.6	6.5	138.1	147.1	4	98.9	95	-2 / 2	C
393		10/29/24	29657		GC	6.6	139.6	6.6	137.6	146.7	4	98.6	95	-2 / 2	C
394		10/29/24	29657		GC	6.6	139.6	5.9	141.3	149.6	4	101.2	95	-2 / 2	C
395		10/29/24	29657		GC	6.6	139.6	5.8	142.8	151.1	4	102.3	95	-2 / 2	C
396		10/29/24	29657		GC	6.6	139.6	6.2	138.7	147.3	4	99.4	95	-2 / 2	C
397		10/29/24	29657		GC	6.6	139.6	5.5	140.4	148.1	4	100.6	95	-2 / 2	C
398		10/29/24	29657		GC	6.6	139.6	6.1	138.6	147.1	4	99.3	95	-2 / 2	C
Test Information															
Test #	Test Location			Elevation	Reference	Gauge Specs Make / Model / SN / Calibrated			Gauge Standardization Density Standard/Moisture Standard			Field Technician			
391	Streets - Base: Frostwood Hts STA 23+00, 5' off RHS				2nd Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2059 / 482			Torres, Emanual			
392	Streets - Base: Frostwood Hts STA 24+50, 5' off LHS				2nd Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2059 / 482			Torres, Emanual			
393	Streets - Base: Frostwood Hts STA 26+00, CL				2nd Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2059 / 482			Torres, Emanual			
394	Streets - Base: Frostwood Hts STA 27+00, 5' off RHS				3rd Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2059 / 482			Torres, Emanual			
395	Streets - Base: Frostwood Hts STA 28+00, 5' off LHS				3rd Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2059 / 482			Torres, Emanual			
396	Streets - Base: Frostwood Hts STA 29+00, CL				3rd Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2059 / 482			Torres, Emanual			
397	Streets - Base: Frostwood Hts STA 30+00, 5' off RHS				3rd Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2059 / 482			Torres, Emanual			
398	Streets - Base: Hawkwell Ln STA 3+50, 5' off LHS				2nd Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2059 / 482			Torres, Emanual			
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

Testing performed when called in.
InTEC did not observe the installation of the material.
Testing directed by the City Inspector when present.
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InTEC of San Antonio
12028 Radium
San Antonio, TX 78216
Phone: 210-525-9033

Compaction Evaluation

Report Date: 02/14/2025
Test Method: ASTM D6938, Tex 115E

Client:

MEH Holding Company LTD
5210 Thousand Oaks, Suite 1318
San Antonio, TX 78233

Project:

S232134
Gates Subdivision Unit 2
29.381265682887246, -98.32008373231879
Bexar County, TX

Test Results															
Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Optimum Moisture Tolerance (%)	Remark
399		10/29/24	29657		GC	6.6	139.6	6.3	139.3	148.1	4	99.8	95	-2 / 2	C
400		10/29/24	29657		GC	6.6	139.6	5.5	140.3	148.0	4	100.5	95	-2 / 2	C
401		10/31/24	29657		GC	6.6	139.6	6.0	142.7	151.3	6	102.2	95	-2 / 2	C
402		10/31/24	29657		GC	6.6	139.6	6.1	141.5	150.1	6	101.4	95	-2 / 2	C
403		10/31/24	29657		GC	6.6	139.6	6.3	140.8	149.7	6	100.9	95	-2 / 2	C
404		10/31/24	29657		GC	6.6	139.6	5.8	141.6	149.8	6	101.4	95	-2 / 2	C
405		10/31/24	29657		GC	6.6	139.6	5.7	144.3	152.5	6	103.4	95	-2 / 2	C
406		10/31/24	29657		GC	6.6	139.6	5.8	142.3	150.6	6	101.9	95	-2 / 2	C
Test Information															
Test #	Test Location			Elevation	Reference	Gauge Specs Make / Model / SN / Calibrated			Gauge Standardization Density Standard/Moisture Standard				Field Technician		
399	Streets - Base: Hawkwell Ln STA 5+00, CL				2nd Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2059 / 482				Torres, Emanual		
400	Streets - Base: Hawkwell Ln STA 6+50, 5' off RHS				2nd Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2059 / 482				Torres, Emanual		
401	Streets - Base: Fieldstone Way STA 26+00, 5' off RHS				3rd Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2059 / 482				Torres, Emanual		
402	Streets - Base: Fieldstone Way STA 25+00, CL				3rd Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2059 / 482				Torres, Emanual		
403	Streets - Base: Fieldstone Way STA 24+00, 5' off LHS				3rd Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2059 / 482				Torres, Emanual		
404	Streets - Base: Fieldstone Way STA 23+00, 5' off RHS				3rd Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2059 / 482				Torres, Emanual		
405	Streets - Base: Fieldstone Way STA 22+00, CL				3rd Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2059 / 482				Torres, Emanual		
406	Streets - Base: Fieldstone Way STA 21+00, 5' off LHS				3rd Lift	Humboldt / 5001EZ / 2487 / 03/06/2024			2059 / 482				Torres, Emanual		
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

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InTEC of San Antonio
12028 Radium
San Antonio, TX 78216
Phone: 210-525-9033

Compaction Evaluation

Report Date: 02/14/2025
Test Method: ASTM D6938, Tex 115E

Client:

MEH Holding Company LTD
5210 Thousand Oaks, Suite 1318
San Antonio, TX 78233

Project:

S232134
Gates Subdivision Unit 2
29.381265682887246, -98.32008373231879
Bexar County, TX

Test Results															
Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Optimum Moisture Tolerance (%)	Remark
407		11/26/24	29657		GC	6.6	139.6	6.1	137.3	145.7	6	98.4	95	-2 / 2	C
408		11/26/24	29657		GC	6.6	139.6	6.7	136.9	146.1	6	98.1	95	-2 / 2	C
409		11/26/24	29657		GC	6.6	139.6	5.7	137.5	145.3	6	98.5	95	-2 / 2	C
Test Information															
Test #	Test Location			Elevation	Reference		Gauge Specs Make / Model / SN / Calibrated			Gauge Standardization Density Standard/Moisture Standard			Field Technician		
407	Streets - Base: Kestis Ln STA 5+50, 5' off LHS				1st Lift		Humboldt / 5001EZ / 2487 / 03/06/2024			2059 / 483			Torres, Emanual		
408	Streets - Base: Kestis Ln STA 4+00, 5' off RHS				1st Lift		Humboldt / 5001EZ / 2487 / 03/06/2024			2059 / 483			Torres, Emanual		
409	Streets - Base: Kestis Ln STA 2+50, CL				1st Lift		Humboldt / 5001EZ / 2487 / 03/06/2024			2059 / 483			Torres, Emanual		
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

Testing performed when called in.
InTEC did not observe the installation of the material.
Testing directed by the City Inspector when present.
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inTEC of San Antonio
12028 Radium
San Antonio, TX 78216
Phone: 210-525-9033

Asphalt Compaction Evaluation

Report Date: 02/14/2025

Test Method:

Client:

MEH Holding Company LTD
5210 Thousand Oaks, Suite 1318
San Antonio, TX 78233

Project:

S232134
Gates Subdivision Unit 2
29.381265682887246, -98.32008373231879
Bexar County, TX

Test Results

Test #	Retest Of	Test Date	Test Location	Material	Mix Design	Thickness (in)	Max Density (pcf)	Max Density Source	In Place Density (pcf)	Probe Depth (in)	Percent Comp.	Min/Max Comp. (%)	Remark	Gauge SN	Technician
1		01/22/25	Streets - Asphalt: Frostwood HTS STA 18+00 5'off LHS	Type C			153.4	7C / Rice - TxDOT Tex 227F	143.5	Backscatter	93.5	92 / 97	C	2487	Torres, Emanuel
2		01/22/25	Streets - Asphalt: Hasting Way STA 12+50 5'off RHS	Type C			153.4	7C / Rice - TxDOT Tex 227F	144.0	Backscatter	93.9	92 / 97	C	2487	Torres, Emanuel
3		01/22/25	Streets - Asphalt: Hasting Way STA 10+50 5'off LHS	Type C			153.4	7C / Rice - TxDOT Tex 227F	142.7	Backscatter	93.0	92 / 97	C	2487	Torres, Emanuel
4		01/22/25	Streets - Asphalt: Skybrook Dr. STA 1+76	Type C			153.4	7C / Rice - TxDOT Tex 227F	144.8	Backscatter	94.4	92 / 97	C	2487	Torres, Emanuel
5		01/23/25	Streets - Asphalt: Fieldstone way STA 21+00 5'off RHS	Type C			153.4	7C / Rice - TxDOT Tex 227F	143.9	Backscatter	93.8	92 / 97	C	2487	Torres, Emanuel
6		01/23/25	Streets - Asphalt: Fieldstone way STA 22+00 5'off LHS	Type C			153.4	7C / Rice - TxDOT Tex 227F	145.6	Backscatter	94.9	92 / 97	C	2487	Torres, Emanuel
7		01/23/25	Streets - Asphalt: Fieldstone way STA 23+00 5'off RHS	Type C			153.4	7C / Rice - TxDOT Tex 227F	143.9	Backscatter	93.8	92 / 97	C	2487	Torres, Emanuel
8		01/23/25	Streets - Asphalt: Fieldstone way STA 24+00 CL	Type C			153.4	7C / Rice - TxDOT Tex 227F	144.6	Backscatter	94.3	92 / 97	C	2487	Torres, Emanuel
9		01/23/25	Streets - Asphalt: Fieldstone way STA 25+00 5'off LHS	Type C			153.4	7C / Rice - TxDOT Tex 227F	144.0	Backscatter	93.9	92 / 97	C	2487	Torres, Emanuel

Testing performed when called in by contractor.

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inTEC of San Antonio
12028 Radium
San Antonio, TX 78216
Phone: 210-525-9033

Asphalt Compaction Evaluation

Report Date: 02/14/2025

Test Method:

Client:

MEH Holding Company LTD
5210 Thousand Oaks, Suite 1318
San Antonio, TX 78233

Project:

S232134
Gates Subdivision Unit 2
29.381265682887246, -98.32008373231879
Bexar County, TX

Test Results

Test #	Retest Of	Test Date	Test Location	Material	Mix Design	Thickness (in)	Max Density (pcf)	Max Density Source	In Place Density (pcf)	Probe Depth (in)	Percent Comp.	Min/Max Comp. (%)	Remark	Gauge SN	Technician
10		01/23/25	Streets - Asphalt: Fieldstone way STA 26+00 5'off RHS	Type C			153.4	7C / Rice - TxDOT Tex 227F	146.1	Backscatter	95.2	92 / 97	C	2487	Torres, Emanuel
11		01/23/25	Streets - Asphalt: Frostwood HTS STA 21+50 5'off RHS	Type D			152.4	7D / Rice - TxDOT Tex 227F	142.4	Backscatter	93.4	92 / 97	C	2487	Torres, Emanuel
12		01/23/25	Streets - Asphalt: Frostwood HTS STA 23+50 5'off LHS	Type D			152.4	7D / Rice - TxDOT Tex 227F	142.9	Backscatter	93.8	92 / 97	C	2487	Torres, Emanuel
13		01/23/25	Streets - Asphalt: Frostwood HTS STA 25+50 CL	Type D			152.4	7D / Rice - TxDOT Tex 227F	141.9	Backscatter	93.1	92 / 97	C	2487	Torres, Emanuel
14		01/23/25	Streets - Asphalt: Frostwood HTS STA 27+50 5'off RHS	Type D			152.4	7D / Rice - TxDOT Tex 227F	141.5	Backscatter	92.8	92 / 97	C	2487	Torres, Emanuel
15		01/23/25	Streets - Asphalt: Frostwood HTS STA 29+50 5'off LHS	Type D			152.4	7D / Rice - TxDOT Tex 227F	142.3	Backscatter	93.4	92 / 97	C	2487	Torres, Emanuel
16		01/23/25	Streets - Asphalt: Fieldstone Way STA 21+00 5'off LHS	Type D			152.4	7D / Rice - TxDOT Tex 227F	141.7	Backscatter	93.0	92 / 97	C	2487	Torres, Emanuel
17		01/23/25	Streets - Asphalt: Fieldstone Way STA 23+00 CL	Type D			152.4	7D / Rice - TxDOT Tex 227F	141.1	Backscatter	92.6	92 / 97	C	2487	Torres, Emanuel
18		01/23/25	Streets - Asphalt: Fieldstone Way STA 25+00 5'off LHS	Type D			152.4	7D / Rice - TxDOT Tex 227F	142.7	Backscatter	93.6	92 / 97	C	2487	Torres, Emanuel

Testing performed when called in by contractor.

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12028 Radium
San Antonio, TX 78216
Phone: 210-525-9033

Asphalt Compaction Evaluation

Report Date: 02/14/2025

Test Method:

Client:

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5210 Thousand Oaks, Suite 1318
San Antonio, TX 78233

Project:

S232134
Gates Subdivision Unit 2
29.381265682887246, -98.32008373231879
Bexar County, TX

Test Results

Test #	Retest Of	Test Date	Test Location	Material	Mix Design	Thickness (in)	Max Density (pcf)	Max Density Source	In Place Density (pcf)	Probe Depth (in)	Percent Comp.	Min/Max Comp. (%)	Remark	Gauge SN	Technician
19		01/24/25	Streets - Asphalt: Hastings Way 12+00 5'off RHS	Type D			152.4	7D / Rice - TxDOT Tex 227F	146.0	Backscatter	95.8	92 / 97	C	2487	Torres, Emanuel
20		01/24/25	Streets - Asphalt: Duskview Hill STA 15+00 5'off LHS	Type D			152.4	7D / Rice - TxDOT Tex 227F	145.3	Backscatter	95.3	92 / 97	C	2487	Torres, Emanuel
21		01/24/25	Streets - Asphalt: Hawkwell Ln STA 6+00 5'off LHS	Type D			152.4	7D / Rice - TxDOT Tex 227F	145.1	Backscatter	95.2	92 / 97	C	2487	Torres, Emanuel
22		01/24/25	Streets - Asphalt: Hawkwell Ln STA 4+00 CL	Type D			152.4	7D / Rice - TxDOT Tex 227F	144.9	Backscatter	95.1	92 / 97	C	2487	Torres, Emanuel
23		01/24/25	Streets - Asphalt: Kestis Ln STA 4+50 5'off RHS	Type D			152.4	7D / Rice - TxDOT Tex 227F	145.7	Backscatter	95.6	92 / 97	C	2487	Torres, Emanuel

Remarks

C: Compliant

Comments

Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter"

Gauge Information

Gauge SN	Make	Model	Density Count	Moisture Count	Standard Count Date	Last Calibration Date	Last Calibrated By
2487	Humboldt	5001EZ	2017	482	01/22/25	03/06/24	Qal-Tek
2487	Humboldt	5001EZ	2017	482	01/23/25	03/06/24	Qal-Tek
2487	Humboldt	5001EZ	2017	482	01/24/25	03/06/24	Qal-Tek

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