



3465 Curry Lane
Abilene, TX 79606
325-695-1070

DATE: 4/5/2022
REPORT NO: 18562

To: Mr. Kent Strain
JH. Strain & Sons
P.O. Box 277
Tye, Texas 79563

Project: JH. Strain & Sons
Quality Control Testing

REPORT ON: Determination of Atterberg Limits
TEST METHOD: ASTM D 4318
MATERIAL DESCRIPTION: 1 1/2 inch Crushed Limestone Base
LOCATION SAMPLED: Knaus Pit
SAMPLED BY: Client
SAMPLE NUMBER: 22123
TESTED BY: Brendon Day

RESULTS:

Liquid Limit: 24
Plastic Limit: 14
Plasticity Index: 10

Notes:

This report contains the results of a test performed by Jacob & Martin, Ltd. on material sampled from the location indicated above.
The test does not constitute a geotechnical investigation.

COPIES TO: Above

Jacob & Martin, Ltd.
Firm # F-2448

Barry W. Fowlkes, P.E.

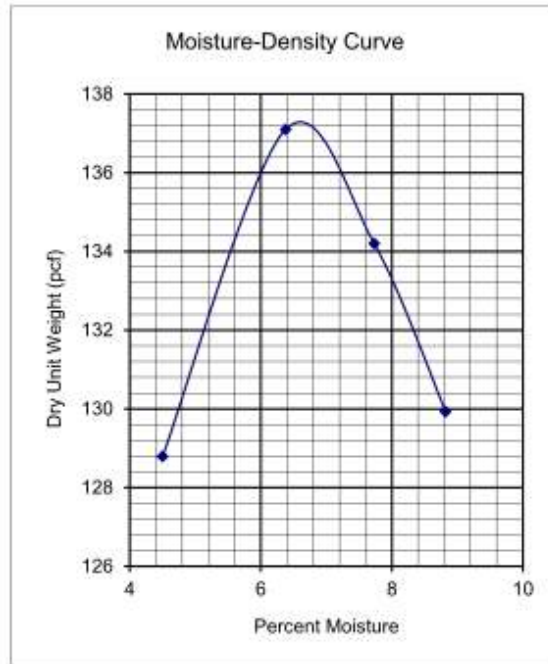


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COMPACTION TEST

Test Method: ASTM D 1557
Compaction Method: Method C
Preparation Method: Dry
Sampled By: Client
Sample Number: 22123
Sample Location: Knaus Pit
Material Description: 1 1/2 inch Crushed Limestone
Base
Rammer Type: Mechanical
Oversize Sieve: 3/4 inch
Percent Oversize: 18.6
Specific Gravity: 2.65
S.G. Method: Estimated



Results:

Maximum Dry Unit Weight (pcf): 137.3
Optimum Percent Moisture: 6.5

Compaction Points Corrected for Oversize Particles:

Maximum Dry Unit Weight (pcf): 141.8
Optimum Percent Moisture: 5.8

REMARKS:

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DATE: 4/5/2022
REPORT NO: 18587

To: Mr. Kent Strain
JH. Strain & Sons
P.O. Box 277
Tye, Texas 79563

Project: JH. Strain & Sons
Quality Control Testing

REPORT ON: Decant Test for Coarse Aggregate
Test Methods: Tex-217-F, Part II and Tex-200-F

IDENTIFICATION: Sample Number 22123
Sampled by Client

DESCRIPTION: 1 1/2 inch Crushed Limestone Base

TECHNICIAN: Brendon Day

RESULTS: Decant: 5.4 %

REMARKS:

COPIES TO: Above

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Firm # F-2448

A handwritten signature in blue ink that reads 'Barry W. Fowlkes, P.E.'.

Barry W. Fowlkes, P.E.



3465 Curry Lane
Abilene, TX 79606
325-695-1070

DATE: 4/5/2022
REPORT NO: 18588

To: Mr. Kent Strain
JH. Strain & Sons
P.O. Box 277
Tye, Texas 79563

Project: JH. Strain & Sons
Quality Control Testing

REPORT ON: Particle Size Analysis
Test Method Tex-110-E

IDENTIFICATION: Sample Number 22123 - 1 1/2 inch Base
Sampled by Client

DESCRIPTION: 1 1/2 inch Crushed Limestone Base
Knaus Pit

TECHNICIAN: Coleton Davis

RESULTS:

Sieve Size:	Percent Retained:	TxDOT Item 247 Grade 1-2 Specifications
2 1/2	0	0
1 3/4	1	0-10
7/8	22	10-35
3/8	46	30-65
#4	60	45-75
#40	84	65-90

REMARKS:

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Barry W. Fowlkes, P.E.