| | |
|---|---|
| Client: Travis Jordan | Report No: 6 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 6-4-01 |
| Location: | Test By: RL |
| | GJLD Job No: 88692-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 58 | Sewer MH RO2, Fil. 5 @ -2' BSG | 97 | 95 | 13.7 | +-2 | 115.2@14.7 | C |
| 59 | Sewer MH RO3, Fil. 5 @ -2' BSG | 98 | 95 | 13.3 | +-2 | 115.2@14.7 | C |
| 60 | Sewer MH CA2, Fil. 6 @ -4' BSG | 97 | 95 | 13.6 | +-2 | 115.2@14.7 | C |
| 61 | SS, Lot 12, Blk 1, Fil. 6 @ -4' BSG | 96 | 95 | 13.7 | +-2 | 115.2@14.7 | C |
| 62 | SS, Lot 13, Blk 1, Fil. 6 @ FSG | 96 | 95 | 13.3 | +-2 | 115.2@14.7 | C |
| 63 | Sewer main between MH CA2 & CA1, Fil. 6 @ -4' BSG | 97 | 95 | 13.7 | +-2 | 115.2@14.7 | C |

DISTRIBUTION:

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY: RL

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Travis Jordan | Report No: 7 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 6-5-01 |
| Location: | Test By: LS |
| | GJLD Job No: 88692-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 64 | SS, Lot 9, Blk 2 @ FSG | 95 | 95 | 13.5 | +-2 | 115.2@14.7 | C |
| 65 | SS, Lot 10, Blk 1 @ FSG | 97 | 95 | 13.6 | +-2 | 115.2@14.7 | C |
| 66 | Sewer MH TD1 @ 1' BSG | 95 | 95 | 14.6 | +-2 | 115.2@14.7 | C |
| 67 | Sewer MH RD3 @ 1' BSG | 90* | 95 | 12.9 | +-2 | 115.2@14.7 | C |
| 68 | Sewer main between MH TD1 & TD2 @ 2' BSG | 97 | 95 | 13.6 | +-2 | 115.2@14.7 | C |
| 69 | SS, Lot 2, Blk 2 @ 2' BSG | 96 | 95 | 12.8 | +-2 | 115.2@14.7 | C |
| 70 | SS, Lot 2, Blk 1 @ 2' BSG | 96 | 95 | 15.2 | +-2 | 115.2@14.7 | C |
| 71 | SS, Lot 3, Blk 2 @ 2' BSG | 98 | 95 | 14.0 | +-2 | 115.2@14.7 | C |
| 72 | SS, Lot 3, Blk 1 @ 2' BSG | 97 | 95 | 14.1 | +-2 | 115.2@14.7 | C |
| 73 | SS, Lot 4, Blk 2 @ 2' BSG | 99 | 95 | 12.7 | +-2 | 115.2@14.7 | C |
| 74 | SS, Lot 4, Blk 1 @ 2' BSG | 97 | 95 | 13.7 | +-2 | 115.2@14.7 | C |
| 75 | Sewer MH TD2 @ 2' BSG | 95 | 95 | 12.7 | +-2 | 115.2@14.7 | C |
| 76 | Sewer MH CA2 @ 2' BSG | 95 | 95 | 12.8 | +-2 | 115.2@14.7 | C |

DISTRIBUTION: Page 1 of 2

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY:

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Travis Jordan | Report No: 7 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 6-5-01 |
| Location: | Test By: LS |
| | GJLD Job No: 88692-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 77 | SS, Lot 12, Blk 1 @ 2' BSG | 96 | 95 | 12.7 | +-2 | 115.2@14.7 | C |
| 78 | SS, Lot 12, Blk 1 @ FSG | 96 | 95 | 13.0 | +-2 | 115.2@14.7 | C |

DISTRIBUTION: Page 2 of 2

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY:

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

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GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Travis Jordan | Report No: 8 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 6-6-01 |
| Location: | Test By: LS |
| | GJLD Job No: 88692-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 67A | RETEST | 100 | 95 | 14.2 | +-2 | 115.2@14.7 | C |
| 79 | Sewer MH TD1 @ FSG | 100 | 95 | 13.5 | +-2 | 115.2@14.7 | C |
| 80 | SS, Lot 2, Blk 2 @ FSG | 99 | 95 | 12.2 | +-2 | 115.2@14.7 | C |
| 81 | SS, Lot 2, Blk 1 @ FSG | 95 | 95 | 13.0 | +-2 | 115.2@14.7 | C |
| 82 | Sewer main between MH TB1 & TB2 @ FSG | 96 | 95 | 13.3 | +-2 | 115.2@14.7 | C |
| 83 | SS, Lot 3, Blk 2 @ FSG | 95 | 95 | 12.9 | +-2 | 115.2@14.7 | C |
| 84 | SS, Lot 3, Blk 1 @ FSG | 96 | 95 | 13.6 | +-2 | 115.2@14.7 | C |
| 85 | SS, Lot 4, Blk 2 @ FSG | 96 | 95 | 13.4 | +-2 | 115.2@14.7 | C |
| 86 | SS, Lot 4, Blk 1 @ FSG | 99 | 95 | 13.1 | +-2 | 115.2@14.7 | C |
| 87 | SS, Lot 5, Blk 2 @ 2' BSG | 100 | 95 | 13.1 | +-2 | 115.2@14.7 | C |
| 88 | SS, Lot 5, Blk 1 @ 2' BSG | 98 | 95 | 13.0 | +-2 | 115.2@14.7 | C |
| 89 | SS, Lot 6, Blk 2 @ 2' BSG | 96 | 95 | 13.8 | +-2 | 115.2@14.7 | C |
| 90 | SS, Lot 6, Blk 1 @ 2' BSG | 95 | 95 | 13.3 | +-2 | 115.2@14.7 | C |

DISTRIBUTION: Page 1 of 2

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY:

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Travis Jordan | Report No: 8 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 6-6-01 |
| Location: | Test By: LS |
| | GJLD Job No: 88692-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 91 | SS, Lot 7, Blk 2 @ 2' BSG | 99 | 95 | 13.7 | +-2 | 115.2@14.7 | C |
| 92 | SS, Lot 7, Blk 1 @ 2' BSG | 96 | 95 | 13.4 | +-2 | 115.2@14.7 | C |
| 93 | SS, Lot 8, Blk 2 @ 2' BSG | 95 | 95 | 13.4 | +-2 | 115.2@14.7 | C |
| 94 | SS, Lot 8, Blk 1 @ 2' BSG | 95 | 95 | 15.3 | +-2 | 115.2@14.7 | C |
| 95 | Sewer main between MH TP2 & TP3 @ 2' BSG | 97 | 95 | 15.1 | +-2 | 115.2@14.7 | C |
| 96 | Sewer MH TP3 @ 2' BSG | 95 | 95 | 13.6 | +-2 | 115.2@14.7 | C |

DISTRIBUTION: Page 2 of 2

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

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** Fails Moisture Spec. NC = NonCohesive

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M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY:

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Travis Jordan | Report No: 9 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 6-7-01 |
| Location: | Test By: BK, LS |
| | GJLD Job No: 88692-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: | X | County: | State: |
|---|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 97 | Sewer MH TP2 @ FSG | 99 | 95 | 13.4 | +-2 | 115.2@14.7 | C |
| 98 | SS, Lot 5, Blk 2 @ FSG | 97 | 95 | 13.2 | +-2 | 115.2@14.7 | C |
| 99 | SS, Lot 5, Blk 1 @ FSG | 98 | 95 | 13.7 | +-2 | 115.2@14.7 | C |
| 100 | SS, Lot 6, Blk 2 @ FSG | 95 | 95 | 13.3 | +-2 | 115.2@14.7 | C |
| 101 | SS, Lot 6, Blk 1 @ FSG | 99 | 95 | 12.9 | +-2 | 115.2@14.7 | C |
| 102 | SS, Lot 7, Blk 2 @ FSG | 95 | 95 | 12.9 | +-2 | 115.2@14.7 | C |
| 103 | SS, Lot 7, Blk 1 @ FSG | 95 | 95 | 14.0 | +-2 | 115.2@14.7 | C |
| 104 | SS, Lot 8, Blk 2 @ FSG | 95 | 95 | 12.8 | +-2 | 115.2@14.7 | C |
| 105 | SS, lot 8, Blk 1 @ FSG | 98 | 95 | 12.7 | +-2 | 115.2@14.7 | C |
| 106 | Sewer main between MH TP2 & TP3 @ FSG | 98 | 95 | 12.8 | +-2 | 115.2@14.7 | C |
| 107 | SS, Lot 9, Blk 2 @ 2' BSG | 96 | 95 | 13.5 | +-2 | 115.2@14.7 | C |
| 108 | SS, Lot 9, Blk 1 @ 2' BSG | 96 | 95 | 13.7 | +-2 | 115.2@14.7 | C |
| 109 | SS, Lot 10, Blk 2 @ 2' BSG | 97 | 95 | 14.7 | +-2 | 115.2@14.7 | C |

DISTRIBUTION: Page 1 of 2

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY: BK

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Travis Jordan | Report No: 89 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 6-6-01 |
| Location: | Test By: LS |
| | GJLD Job No: 88692-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 110 | SS, Lot 10, Blk 2 @ 2' BSG | 95 | 95 | 14.7 | +-2 | 115.2@14.7 | C |
| 111 | Sewer main between MH TP3 & TP4 @ 2' BSG | 98 | 95 | 13.0 | +-2 | 115.2@14.7 | C |
| 112 | SS, Lot 11, Blk 2 @ 2' BSG | 95 | 95 | 13.2 | +-2 | 115.2@14.7 | C |
| 113 | SS, Lot 11, Blk 1 @ 2' BSG | 95 | 95 | 14.6 | +-2 | 115.2@14.7 | C |
| 114 | SS, Lot 12, Blk 2 @ 2' BSG | 97 | 95 | 14.2 | +-2 | 115.2@14.7 | C |
| 115 | Sewer MH TP4 @ 2' BSG | 98 | 95 | 13.9 | +-2 | 115.2@14.7 | C |

DISTRIBUTION: Page 2 of 2

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY: BK

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Travis Jordan | Report No: 10 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 6-8-01 |
| Location: | Test By: RL |
| | GJLD Job No: 88692-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 116 | MH TB3 @ FSG | 96 | 95 | 14.4 | +-2 | 115.2@14.7 | C |
| 117 | SS, Lot 9, Blk 2 @ FSG | 95 | 95 | 13.3 | +-2 | 115.2@14.7 | C |
| 118 | SS, Lot 9, Blk 1 @ FSG | 95 | 95 | 12.8 | +-2 | 115.2@14.7 | C |
| 119 | SS, Lot 10, Blk 2 @ FSG | 95 | 95 | 14.7 | +-2 | 115.2@14.7 | C |
| 120 | SS, Lot 10, Blk 1 @ FSG | 98 | 95 | 14.0 | +-2 | 115.2@14.7 | C |
| 121 | Sewer main between MH TB3 & TB4 @ FSG | 95 | 95 | 13.9 | +-2 | 115.2@14.7 | C |
| 122 | SS, Lot 11, Blk 2 @ FSG | 95 | 95 | 13.5 | +-2 | 115.2@14.7 | C |
| 123 | SS, Lot 12, Blk 2 @ FSG | 95 | 95 | 13.3 | +-2 | 115.2@14.7 | C |
| 124 | MH TB4 @ FSG | 98 | 95 | 13.9 | +-2 | 115.2@14.7 | C |
| 125 | SS, Lot 11, Blk 1 @ FSG | 96 | 95 | 14.3 | +-2 | 115.2@14.7 | C |

DISTRIBUTION:

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY: RL

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Travis Jordan | Report No: 11 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 6-11-01 |
| Location: | Test By: BK |
| | GJLD Job No: 88692-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 126 | SS, Lot 10, Blk 1 @ FSG | 99 | 95 | 13.6 | +-2 | 115.2@14.7 | C |
| 127 | SS, Lot 1, Blk 3 @ FSG | 97 | 95 | 13.8 | +-2 | 115.2@14.7 | C |
| 128 | SS, Lot 12, Blk 2 @ FSG | 96 | 95 | 14.1 | +-2 | 115.2@14.7 | C |
| 129 | MH RD3 @ FSG | 95 | 95 | 13.3 | +-2 | 115.2@14.7 | C |

DISTRIBUTION:

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY: BK

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Travis Jordan | Report No: 12 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 6-14-01 |
| Location: | Test By: BK, LS |
| | GJLD Job No: 88692-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 130 | WS, Lots 1 & 2, Blk 1 @ 2' BSG | 95 | 95 | 15.7 | +-2 | 115.2@14.7 | C |
| 131 | WS, Lots 1 & 2, Blk 2 @ 2' BSG | 96 | 95 | 14.0 | +-2 | 115.2@14.7 | C |
| 132 | Water main, sta 1+00 @ 2' BSG | 97 | 95 | 14.3 | +-2 | 115.2@14.7 | C |
| 133 | FH, Lots 3 & 4, Blk 1 @ 2' BSG | 96 | 95 | 14.4 | +-2 | 115.2@14.7 | C |
| 134 | WS, Lot 3, Blk 1 @ 2' BSG | 96 | 95 | 13.8 | +-2 | 115.2@14.7 | C |
| 135 | WS, Lot 4, Blk 1 @ 2' BSG | 95 | 95 | 12.9 | +-2 | 115.2@14.7 | C |
| 136 | WS, Lots 3 & 4, Blk 2 @ 2' BSG | 99 | 95 | 13.4 | +-2 | 115.2@14.7 | C |
| 137 | Water main, sta 3+00 @ 2' BSG | 95 | 95 | 13.8 | +-2 | 115.2@14.7 | C |
| 138 | WS, Lots 5 & 6, Blk 1 @ 2' BSG | 97 | 95 | 12.7 | +-2 | 115.2@14.7 | C |
| 139 | WS, Lots 5 & 6, Blk 2 @ 2' BSG | 97 | 95 | 13.8 | +-2 | 115.2@14.7 | C |
| 140 | Water main, sta 5+00 @ 2' BSG | 95 | 95 | 14.2 | +-2 | 115.2@14.7 | C |
| 141 | WS, Lot 7, Blk 1 @ 2' BSG | 95 | 95 | 14.6 | +-2 | 115.2@14.7 | C |
| 142 | FH, Lots 7 & 8, Blk 1 @ 2' BSG | 99 | 95 | 14.0 | +-2 | 115.2@14.7 | C |

DISTRIBUTION: Page 1 of 2

1-Client
1-Ute Water
1-Subdiv Env
1-City of GJ
1-Atkins & Assoc.

KEY:
* Fails Compaction Spec.
** Fails Moisture Spec.
S Standard Proctor
M Modified Proctor
C = Cohesive
NC = NonCohesive
ABC = Aggregate Base
PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.
BY: SJB

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Travis Jordan | Report No: 12 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 6-14-01 |
| Location: | Test By: BK, LS |
| | GJLD Job No: 88692-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: | X | County: | State: |
|---|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 143 | WS, Lot 8, Blk 1 @ 2' BSG | 96 | 95 | 15.6 | +-2 | 115.2@14.7 | C |
| 144 | WS, Lots 7 & 8, Blk 2 @ 2' BSG | 95 | 95 | 14.3 | +-2 | 115.2@14.7 | C |
| 145 | Water main, sta 7+00 @ 2' BSG | 97 | 95 | 12.6 | +-2 | 115.2@14.7 | C |
| 146 | WS, Lot 9, Blk 2 @ 2' BSG | 95 | 95 | 15.1 | +-2 | 115.2@14.7 | C |
| 147 | WS, Lot 9, Blk 1 @ 2' BSG | 97 | 95 | 13.9 | +-2 | 115.2@14.7 | C |
| 148 | WS, Lot 10, Blk 1 @ 2' BSG | 95 | 95 | 14.0 | +-2 | 115.2@14.7 | C |
| 149 | Water main, sta 8+25 @ 2' BSG | 95 | 95 | 13.2 | +-2 | 115.2@14.7 | C |

DISTRIBUTION: Page 2 of 2

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY:

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Travis Jordan | Report No: 13 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 6-15-01 |
| Location: | Test By: BK, LS |
| | GJLD Job No: 88692-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 150 | Water main, sta 1+50 @ 2' BSG | 97 | 95 | 13.8 | +-2 | 115.2@14.7 | C |
| 151 | Water main, sta 8+50 @ FSG | 97 | 95 | 15.3 | +-2 | 115.2@14.7 | C |
| 152 | WS, Lot 10, Blk 1 @ FSG | 97 | 95 | 13.4 | +-2 | 115.2@14.7 | C |
| 153 | WS, Lot 9,. Blk 1 @ FSG | 97 | 95 | 12.8 | +-2 | 115.2@14.7 | C |
| 154 | WS, Lot 9, Blk 2 @ FSG | 98 | 95 | 14.4 | +-2 | 115.2@14.7 | C |
| 155 | WS, Lots 7 & 8, Blk 2 @ FSG | 94* | 95 | 8.8** | +-2 | 115.2@14.7 | C |
| 156 | Water main, sta 6+50 @ FSG | 98 | 95 | 12.9 | +-2 | 115.2@14.7 | C |
| 157 | WS, Lots 5 & 6, Blk 2 @ FSG | 99 | 95 | 12.7 | +-2 | 115.2@14.7 | C |
| 158 | WS, Lots 3 & 4, Blk 2 @# FSG | 98 | 95 | 12.9 | +-2 | 115.2@14.7 | C |
| 159 | Water main, sta 4+50 @ FSG | 96 | 95 | 13.8 | +-2 | 115.2@14.7 | C |
| 160 | WS, Lot 4, Blk 1 @ FSG | 96 | 95 | 13.5 | +-2 | 115.2@14.7 | C |
| 161 | FH, Lots 3 & 4, Blk 1 @ FSG | 99 | 95 | 12.9 | +-2 | 115.2@14.7 | C |
| 162 | WS, Lot 3, Blk 1 @ FSG | 95 | 95 | 12.7 | +-2 | 115.2@14.7 | C |

DISTRIBUTION: Page 1 of 2

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

KEY: * Fails Compaction Spec. C = Cohesive

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S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY:

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Travis Jordan | Report No: 13 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 6-15-01 |
| Location: | Test By: BK, LS |
| | GJLD Job No: 88692-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 163 | Water main, sta 2+50 @ FSG | 99 | 95 | 13.4 | +-2 | 115.2@14.7 | C |
| 164 | Water main, sta 0+50 @ FSG | 97 | 95 | 13.3 | +-2 | 115.2@14.7 | C |
| 165 | WS, Lots 1 & 2, Blk 2 @ FSG | 99 | 95 | 13.5 | +-2 | 115.2@14.7 | C |
| 166 | WS, Lots 1 & 2, Blk 1 @ FSG | 96 | 95 | 13.0 | +-2 | 115.2@14.7 | C |
| 167 | FH, Lots 7 & 8, Blk 1 @ FSG | 96 | 95 | 12.8 | +-2 | 115.2@14.7 | C |
| 168 | WS, Lots 5 & 6, Blk 1 @ FSG | 96 | 95 | 13.9 | +-2 | 115.2@14.7 | C |
| 169 | WS, Lot 8, Blk @ FSG | 98 | 95 | 13.1 | +-2 | 115.2@14.7 | C |
| 170 | WS, Lot 7, Blk 1 @ FSG | 97 | 95 | 13.3 | +-2 | 115.2@14.7 | C |
| 155A | RETEST | 97 | 95 | 13.7 | +-2 | 115.2@14.7 | C |

DISTRIBUTION: Page 2 of 2

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

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GRAND JUNCTION LINCOLN DEVORE, INC.

BY:

FILL DENSITY TEST DAILY REPORT

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GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Travis Jordan | Report No: 14 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 6-19-01 |
| Location: | Test By: BK, LS |
| | GJLD Job No: 88692-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 171 | Water main, Ridge Dr., sta 1+27, Fil. 6 @ FSG | 95 | 95 | 15.8 | +-2 | 115.2@14.7 | C |
| 172 | Water main, sta 1+00, Fil. 6 @ 2' BSG | 95 | 95 | 15.2 | +-2 | 115.2@14.7 | C |
| 173 | WS, Lot 1, Blk 1, Fil. 6 @ 2' BSG | 96 | 95 | 14.5 | +-2 | 115.2@14.7 | C |
| 174 | FH, Lots 2 & 1, Blk 1, Fil. 6 @ 2' BSG | 98 | 95 | 15.8 | +-2 | 115.2@14.7 | C |
| 175 | WS, Lot 2, Blk 1, Fil. 6 @ 2' BSDG | 99 | 95 | 13.0 | +-2 | 115.2@14.7 | C |
| 176 | WS, Lots 2 & 1, Blk 2, Fil. 6 @ 2' BSG | 95 | 95 | 12.8 | +-2 | 115.2@14.7 | C |
| 177 | Water main, sta 3+00, Fil. 6 @ 2' BSG | 95 | 95 | 14.3 | +-2 | 115.2@14.7 | C |
| 178 | WS, Lots 4 & 3, Blk 2, Fil. 6 @ 2' BSG | 95 | 95 | 13.0 | +-2 | 115.2@14.7 | C |
| 179 | WS, Lots 4 & 3, Blk 1, Fil. 6 @ 2' BSG | 96 | 95 | 14.0 | +-2 | 115.2@14.7 | C |
| 180 | WS, Lots 6 & 5, Blk 2, Fil. 6 @ 2' BSG | 97 | 95 | 13.4 | +-2 | 115.2@14.7 | C |
| 181 | WS & FH, Lots 6 & 7, Blk 1, Fil. 6 @ 2' BSG | 95 | 95 | 12.9 | +-2 | 115.2@14.7 | C |
| 182 | Water main, sta 5+00, Fil. 6 @ 2' BSG | 99 | 95 | 14.4 | +-2 | 115.2@14.7 | C |

DISTRIBUTION:

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

KEY: * Fails Compaction Spec. C = Cohesive

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S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY:

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Travis Jordan | Report No: 15 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 6-20-01 |
| Location: | Test By: JS, LS |
| | GJLD Job No: 88692-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 183 | Water main, sta 0+50 @ FSG | 95 | 95 | 13.4 | +-2 | 115.2@14.7 | C |
| 184 | WS, Lot 1, Blk 1 @ FSG | 95 | 95 | 13.4 | +-2 | 115.2@14.7 | C |
| 185 | FH, Lots 1 & 2, Blk 1 @ FSG | 94* | 95 | 10.5** | +-2 | 115.2@14.7 | C |
| 186 | WS, Lot 2, Blk 1 @ FSG | 96 | 95 | 8.7** | +-2 | 115.2@14.7 | C |
| 187 | WS, Lots 1 & 2, Blk 2 @ FSG | 97 | 95 | 13.8 | +-2 | 115.2@14.7 | C |
| 188 | WS, Lots 3 & 4, Blk 2 @ FSG | 96 | 95 | 14.3 | +-2 | 115.2@14.7 | C |
| 189 | WS, Lots 3 & 4, Blk 1 @ FSG | 95 | 95 | 12.8 | +-2 | 115.2@14.7 | C |
| 190 | Water main, sta 2+50 @ FSG | 96 | 95 | 14.4 | +-2 | 115.2@14.7 | C |
| 191 | WS, Lots 5 & 6, Blk 2 @ FSG | 96 | 95 | 13.9 | +-2 | 115.2@14.7 | C |
| 192 | Water main, sta 6+50 @ FSG | 96 | 95 | 13.8 | +-2 | 115.2@14.7 | C |
| 193 | WS, Lots 5 & 6, Blk 1 @ 2' BSG | 95 | 95 | 11.4** | +-2 | 115.2@14.7 | C |
| 194 | WS, Lots 7 & 8, Blk 2 @ 2' BSG | 95 | 95 | 16.1 | +-2 | 115.2@14.7 | C |
| 195 | Water main, sta 8+50 @ 2' BSG | 97 | 95 | 13.6 | +-2 | 115.2@14.7 | C |

DISTRIBUTION: Page 1 of 3

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

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GRAND JUNCTION LINCOLN DeVORE, INC.

BY:

FILL DENSITY TEST DAILY REPORT

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GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Travis Jordan | Report No: 15 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 6-20-01 |
| Location: | Test By: JS, LS |
| | GJLD Job No: 88692-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone |
|---|---|---|---|

SPECIFICATIONS: Project: City: X County: State:

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 196 | WS, Lot 9, Blk 1 @ 2' BSG | 97 | 95 | 14.6 | +-2 | 115.2@14.7 | C |
| 197 | FH, Lot 9 & 10, Blk 1 @ 2' BSG | 97 | 95 | 14.9 | +-2 | 115.2@14.7 | C |
| 198 | WS, Lot 10, Blk 1 @ 2' BSG | 98 | 95 | 14.8 | +-2 | 115.2@14.7 | C |
| 199 | Water main, sta 10+50 @ 2' BSG | 99 | 95 | 13.1 | +-2 | 115.2@14.7 | C |
| 200 | WS, Lots 9 & 10, Blk 2 @ 2' BSG | 98 | 95 | 15.5 | +-2 | 115.2@14.7 | C |
| 201 | WS, Lot 11, Blk 1 @ 2' BSG | 95 | 95 | 12.9 | +-2 | 115.2@14.7 | C |
| 202 | WS, Lots 11 & 12, Blk 2 @ 2' BSG | 96 | 95 | 14.1 | +-2 | 115.2@14.7 | C |
| 203 | Water main, sta 11+25 @ 2' BSG | 96 | 95 | 14.0 | +-2 | 115.2@14.7 | C |
| 204 | Water main, Cortland Ave., E end @ 2' BSG | 99 | 95 | 14.7 | +-2 | 115.2@14.7 | C |
| 205 | Water main, Cortland Ave., W end @ 2' BSG | 100 | 95 | 14.4 | +-2 | 115.2@14.7 | C |
| 185A | RETEST | 96 | 95 | 13.2 | +-2 | 115.2@14.7 | C |
| 186A | RETEST | 100 | 95 | 12.9 | +-2 | 115.2@14.7 | C |
| 206 | WS, Lots 5 & 6, Blk 2 @ FSG | 100 | 95 | 14.4 | +-2 | 115.2@14.7 | C |

DISTRIBUTION: Page 2 of 3

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

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M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY:

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

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GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Travis Jordan | Report No: 15 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 6-20-01 |
| Location: | Test By: JS, LS |
| | GJLD Job No: 88692-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 207 | WS, Lot 5, Blk 1 @ FSG | 96 | 95 | 12.9 | +-2 | 115.2@14.7 | C |
| 208 | FH, Lots 5 & 6, Blk 1 @ FSG | 96 | 95 | 13.4 | +-2 | 115.2@14.7 | C |
| 209 | WS, Lot 6, Blk 1 @ FSG | 97 | 95 | 15.0 | +-2 | 115.2@14.7 | C |
| 210 | Water main, sta 4+50 @ FSG | 97 | 95 | 12.9 | +-2 | 115.2@14.7 | C |
| 211 | WS, Lots 7 & 8, Blk 2 @ FSG | 95 | 95 | 12.8 | +-2 | 115.2@14.7 | C |
| 212 | Water main, sta 6+50 @ FSG | 95 | 95 | 12.7 | --2 | 115.2@14.7 | C |
| 213 | WS, Lots 7 & 8, Blk 2 @ 2' BSG | 97 | 95 | 12.8 | -2 | 115.2@14.7 | C |

DISTRIBUTION: Page 3 of 3

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

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GRAND JUNCTION LINCOLN DeVORE, INC.

BY:

FILL DENSITY TEST DAILY REPORT

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GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Travis Jordan | Report No: 16 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 6-21-01 |
| Location: | Test By: JS, LS |
| | GJLD Job No: 88692-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 180A | RETEST | 98 | 95 | 14.5 | +-2 | 115.2@14.7 | C |
| 214 | WS, Lots 7 & 8, Blk 1 @ FSG | 97 | 95 | 13.4 | +-2 | 115.2@14.7 | C |
| 215 | Water main, sta 8+00 @ 2' BSG | 98 | 95 | 13.5 | +-2 | 115.2@14.7 | C |
| 216 | WS, Lots 9 & 10, Blk 2 @ FSG | 97 | 95 | 13.5 | +-2 | 115.2@14.7 | C |
| 217 | WS, Lot 9, Blk 1 @ FSG | 95 | 95 | 15.6 | +-2 | 115.2@14.7 | C |
| 218 | FH, Lots 9 & 10, Blk 1 @ FSG | 97 | 95 | 12.5 | +-2 | 115.2@14.7 | C |
| 219 | WS, Lot 10, Blk 1@ FSG | 97 | 95 | 14.4 | +-2 | 115.2@14.7 | C |
| 220 | Water main, sta 10+00 @ FSG | 95 | 95 | 15.0 | +-2 | 115.2@14.7 | C |
| 221 | WS, Lots 11 & 12, Blk 2 @ FSG | 98 | 95 | 13.8 | +-2 | 115.2@14.7 | C |
| 222 | WS, Lot 11, Blk 1 @ FSG | 98 | 95 | 14.7 | +-2 | 115.2@14.7 | C |
| 223 | WS, Lot 13, Blk 2 @ 2' BSG | 98 | 95 | 14.3 | +-2 | 115.2@14.7 | C |
| 224 | WS, Lot 13, Blk 2 @ FSG | 97 | 95 | 13.3 | +-2 | 115.2@14.7 | C |
| 225 | WS, Lot 12, Blk 1 @ 2' BSG | 95 | 95 | 12.8 | +-2 | 115.2@14.7 | C |

DISTRIBUTION: Page 1 of 2

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

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GRAND JUNCTION LINCOLN DeVORE, INC.

BY:

FILL DENSITY TEST DAILY REPORT

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GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Travis Jordan | Report No: 16 |
| Project: Grandview Subdivision, Fil. 5/8 | Date of Test: 6-21-01 |
| Location: | Test By: JS, LS |
| | GJLD Job No: 88692-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 226 | WS, Lot 12, Blk 1 @ FSG | 97 | 95 | 13.8 | +-2 | 115.2@14.7 | C |
| 227 | FH, Lots 6 & 7, Blk 1 @ 2' BSG | 99 | 95 | 14.2 | +-2 | 115.2@14.7 | C |
| 228 | Water main, Cortland Ave., E side @ FSG | 95 | 95 | 13.9 | +-2 | 115.2@14.7 | C |
| 229 | Water main, Cortland Ave., W side @ FSG | 97 | 95 | 14.4 | +-2 | 115.2@14.7 | C |

DISTRIBUTION: Page 2 of 2

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

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GRAND JUNCTION LINCOLN DeVORE, INC.

BY:

FILL DENSITY TEST DAILY REPORT

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Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Travis Jordan | Report No: 17 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 7-9-01 |
| Location: | Test By: LS |
| | GJLD Job No: 88692-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 230 | SS, Lot 6, Blk 2 @ FSG | 100 | 95 | 12.8 | +-2 | 115.2@14.7 | C |
| 231 | SS, Lot 10., Blk 1 @ 2' BSG | 100 | 95 | 14.5 | +-2 | 115.2@14.7 | C |

DISTRIBUTION:

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN-DeVORE, INC.

BY: JRB

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

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|---|---|
| Client: Travis Jordan | Report No: 18 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 7-10-01 |
| Location: | Test By: LS |
| | GJLD Job No: 88692-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 232 | Sewer MH existing @ 2' BSG | 100 | 95 | 14.0 | +-2 | 115.2@14.7 | C |
| 233 | Sewer main, E of existing @ 2' BSG | 99 | 95 | 13.3 | +-2 | 115.2@14.7 | C |
| 234 | SS, Lot 1, Blk 4 @ FSG | 97 | 95 | 13.6 | +-2 | 115.2@14.7 | C |
| 235 | SS, Lot 1, Blk 3 @ 2' BSG | 96 | 95 | 13.4 | +-2 | 115.2@14.7 | C |

DISTRIBUTION:

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY:

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Travis Jordan | Report No: 19 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 7-11-01 |
| Location: | Test By: LS |
| | GJLD Job No: 88692-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 236 | Sewer MH CA2 @ FSG | 98 | 95 | 13.7 | +-2 | 115.2@14.7 | C |

DISTRIBUTION:

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY: LRB

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Travis Jordan | Report No: 20 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 7-12-01 |
| Location: | Test By: LS |
| | GJLD Job No: 88692-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 237 | Sewer main between existing & MH TD1 @ FSG | 95 | 95 | 13.3 | +-2 | 115.2@14.7 | C |
| 238 | Sewer MH, existing on Ridge Dr @ FSG | 99 | 95 | 13.3 | +-2 | 115.2@14.7 | C |

DISTRIBUTION:

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY:

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Elam Construction | Report No: 1 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 7-6-01 |
| Location: | Test By: BK, LS |
| | GJLD Job No: 88779-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: | County: X | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 1 | Sidewalk, Tamarron Dr., W, sta 0+50 @ FSG | 100 | 95 | 13.1 | +-2 | 115.2@14.7 | C |
| 2 | Street, Tamarron Dr., sta 0+50 @ FSG | 95 | 95 | 13.5 | +-2 | 115.2@14.7 | C |
| 3 | Sidewalk, Tamarron Dr., E, sta 0+50 @ FSG | 98 | 95 | 13.6 | +-2 | 115.2@14.7 | C |
| 4 | Street, Tamarron Dr., sta 1+50 @ FSG | 98 | 95 | 13.1 | +-2 | 115.2@14.7 | C |
| 5 | Sidewalk, Tamarron Dr., W, sta 2+50 @ FSG | 100 | 95 | 13.6 | +-2 | 115.2@14.7 | C |
| 6 | Sidewalk, Tamarron Dr., E, sta 2+50 @ FSG | 96 | 95 | 13.3 | +-2 | 115.2@14.7 | C |
| 7 | Street, Tamarron Dr., sta 2+50 @ FSG | 100 | 95 | 13.4 | +-2 | 115.2@14.7 | C |
| 8 | Sidewalk, Tamarron Dr., sta 4+50 @ FSG | 95 | 95 | 13.4 | +-2 | 115.2@14.7 | C |

DISTRIBUTION:

1-Client 1-Ute Water

1-Subdiv Env 1-Mesa Co

1-LANDesign

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN-DeVORE, INC.

BY: LRB

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Elam Construction | Report No: 2 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 7-9-01 |
| Location: | Test By: LS |
| | GJLD Job No: 88779-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: | County: X | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 9 | Street, Tamarron Dr., sta 3+50 @ FSG | 100 | 95 | 13.8 | +-2 | 115.2@14.7 | C |
| 10 | Sidewalk, Tamarron Dr., sta 4+50 @ FSG | 100 | 95 | 14.2 | +-2 | 115.2@14.7 | C |
| 11 | Street, Tamarron Dr., sta 4+50 @ FSG | 95 | 95 | 13.3 | +-2 | 115.2@14.7 | C |
| 12 | Street, Tamarron Dr., sta 5+50 @ FSG | 95 | 95 | 13.2 | +-2 | 115.2@14.7 | C |
| 13 | Sidewalk, Tamarron Dr., sta 6+50 @ FSG | 96 | 95 | 13.7 | +-2 | 115.2@14.7 | C |
| 14 | Street, Tamarron Dr., sta 6+50 @ FSG | 99 | 95 | 14.4 | +-2 | 115.2@14.7 | C |
| 15 | Sidewalk, Tamarron Dr., sta 6+50 @ FSG | 99 | 95 | 14.0 | +-2 | 115.2@14.7 | C |
| 16 | Street, Tamarron Dr., sta 7+50 @ FSG | 99 | 95 | 14.7 | +-2 | 115.2@14.7 | C |
| 17 | Sidewalk, Tamarron Dr., sta 8+50 @ FSG | 95 | 95 | 14.2 | +-2 | 115.2@14.7 | C |
| 18 | Street, Tamarron Dr., sta 8+50 @ FSG | 95 | 95 | 13.5 | +-2 | 115.2@14.7 | C |
| 19 | Sidewalk, Tamarron Dr., sta 8+50 @ FSG | 97 | 95 | 14.5 | +-2 | 115.2@14.7 | C |

DISTRIBUTION:

1-Client 1-Ute Water

1-Subdiv Env 1-Mesa Co

1-LANDesign

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY:

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Elam Construction | Report No: 3 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 7-10-01 |
| Location: | Test By: RL |
| | GJLD Job No: 88779-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: | County: X | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 20 | Sidewalk, Tamarron Dr., W side, sta 10+00 @ FSG | 97 | 95 | 14.2 | +-2 | 115.2@14.7 | C |
| 21 | Street, Tamarron Dr., W side, sta 10+00 @ FSG | 95 | 95 | 15.0 | +-2 | 115.2@14.7 | C |
| 22 | Street, Tamarron Dr., W side, sta 11+00 @ FSG | 96 | 95 | 14.0 | +-2 | 115.2@14.7 | C |
| 23 | Sidewalk, Ridge Dr., sta 7+50 @ FSG | 97 | 95 | 14.0 | +-2 | 115.2@14.7 | C |
| 24 | Sidewalk, Ridge Dr., sta 6+25 @ FSG | 99 | 95 | 13.3 | +-2 | 115.2@14.7 | C |
| 25 | Street, Ridge Dr., sta 6+25 @ FSG | 100 | 95 | 13.9 | +-2 | 115.2@14.7 | C |
| 26 | Sidewalk, Tamarron Dr., sta 12+00 @ FSG | 95 | 95 | 15.3 | +-2 | 115.2@14.7 | C |
| 27 | Street, Tamarron Dr., W side, sta 12+00 @ FSG | 97 | 95 | 14.3 | +-2 | 115.2@14.7 | C |

DISTRIBUTION:

1-Client 1-Ute Water

1-Subdiv Env 1-Mesa Co

1-LANDesign

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY: RL

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

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GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Elam Construction | Report No: 4 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 7-11-01 |
| Location: | Test By: LS |
| | GJLD Job No: 88779-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: | County: X | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 28 | Sidewalk, Cortland, S side, sta 4+50 @ FSG | 100 | 95 | 12.9 | +-2 | 115.2@14.7 | C |
| 29 | Street, Cortland, sta 4+50 @ FSG | 100 | 95 | 13.7 | +-2 | 115.2@14.7 | C |
| 30 | Street, Cortland, sta 5+50 @ FSG | 100 | 95 | 14.8 | +-2 | 115.2@14.7 | C |
| 31 | Street, Cortland, sta 6+50 @ FSG | 98 | 95 | 15.0 | +-2 | 115.2@14.7 | C |
| 32 | Sidewalk, Cortland, sta 6+50 @ FSG | 100 | 95 | 12.8 | +-2 | 115.2@14.7 | C |
| 33 | Street, Tamarron Dr., sta 15+00 @ FSG | 100 | 95 | 14.3 | +-2 | 115.2@14.7 | C |
| 34 | Sidewalk, Tamarron Dr., sta 14+00 @ FSG | 99 | 95 | 13.1 | +-2 | 115.2@14.7 | C |
| 35 | Street, Tamarron Dr., sta 14+00 @ FSG | 100 | 95 | 13.7 | +-2 | 115.2@14.7 | C |
| 36 | Sidewalk, Tamarron Dr., sta 14+00 @ FSG | 98 | 95 | 13.3 | +-2 | 115.2@14.7 | C |
| 37 | Street, Tamarron Dr., sta 13+00 @ FSG | 96 | 95 | 14.5 | +-2 | 115.2@14.7 | C |
| 38 | Sidewalk, Tamarron Dr., E side, sta 12+00 @ FSG | 98 | 95 | 14.5 | +-2 | 115.2@14.7 | C |
| 39 | Sidewalk, Tamarron Dr., S side, sta 10+00 @ FSG | 95 | 95 | 15.1 | +-2 | 115.2@14.7 | C |
| 40 | Sidewalk, Tamarron Dr., W side, sta 16+00 @ FSG | 97 | 95 | 13.0 | +-2 | 115.2@14.7 | C |

DISTRIBUTION: Page 1 of 2

1-Client 1-Ute Water

1-Subdiv Env 1-Mesa Co

1-LANDesign

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY:

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

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GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Elam Construction | Report No: 4 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 7-11-01 |
| Location: | Test By: LS |
| | GJLD Job No: 88779-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: | County: X | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 41 | Street, Tamarron Dr., sta 16+00 @ FSG | 100 | 95 | 12.7 | +-2 | 115.2@14.7 | C |
| 42 | Street, Tamarron Dr., sta 17+00 @ FSG | 100 | 95 | 12.9 | +-2 | 115.2@14.7 | C |
| 43 | Sidewalk, Tamarron Dr., W side, sta 18+00 @ FSG | 97 | 95 | 12.7 | +-2 | 115.2@14.7 | C |
| 44 | Street, Tamarron Dr., sta 18+00 @ FSG | 100 | 95 | 13.9 | +-2 | 115.2@14.7 | C |
| 45 | Street, Tamarron Dr., sta 19+00 @ FSG | 95 | 95 | 13.2 | +-2 | 115.2@14.7 | C |
| 46 | Sidewalk, Tamarron Dr., S side, sta 16+00 @ FSG | 100 | 95 | 13.5 | +-2 | 115.2@14.7 | C |
| 47 | Sidewalk, Tamarron Dr., S side, sta 18+00 @ FSG | 96 | 95 | 143.5 | +-2 | 115.2@14.7 | C |

DISTRIBUTION: Page 2 of 2

1-Client 1-Ute Water

1-Subdiv Env 1-Mesa Co

1-LANDesign

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY:

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Elam Construction | Report No: 5 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 7-12-01 |
| Location: | Test By: LS |
| | GJLD Job No: 88776-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: | County: X | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 48 | Sidewalk, Tamarron, sta 20+00 @ FSG | 100 | 95 | 13.6 | +-2 | 115.2@14.7 | C |
| 49 | Street, Tamarron, sta 20+00 @ FSG | 96 | 95 | 13.5 | +-2 | 115.2@14.7 | C |
| 50 | Sidewalk, Tamarron, sta 20+00 @ FSG | 97 | 95 | 13.9 | +-2 | 115.2@14.7 | C |
| 51 | Street, Tamarron, sta 20+50 @ FSG | 95 | 95 | 12.8 | +-2 | 115.2@14.7 | C |
| 52 | Sidewalk, Ridge Dr., sta 6+00 @ FSG | 99 | 95 | 13.3 | +-2 | 115.2@14.7 | C |
| 53 | Street, Ridge Dr., sta 7+00 @ FSG | 100 | 95 | 13.5 | +-2 | 115.2@14.7 | C |
| 54 | Sidewalk, Ridge Dr., sta 7+50 @ FSG | 95 | 95 | 13.0 | +-2 | 115.2@14.7 | C |
| 55 | Street, Ridge Dr., sta 7+50 @ FSG | 99 | 95 | 13.1 | +-2 | 115.2@14.7 | C |

DISTRIBUTION:

1-Client 1-Ute Water

1-Subdiv Env 1-Mesa Co

1-LANDesign

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY: JRS

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

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GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Elam Construction | Report No: 6 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 7-18-01 |
| Location: | Test By: RL |
| | GJLD Job No: 88776-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: | County: X | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 56 | Sidewalk, Ridge Dr., sta 6+00, RT @ FG | 96 | 95 | 6.1 | +-2 | 136.3@6.8 | ABC |
| 57 | Sidewalk, Ridge Dr., sta 8+00, RT @ FG | 96 | 95 | 6.1 | +-2 | 136.3@6.8 | ABC |
| 58 | Sidewalk, Tamarron Dr., sta 8+50, RT @ FG | 98 | 95 | 6.0 | +-2 | 136.3@6.8 | ABC |
| 59 | Sidewalk, Tamarron Dr., sta 8+50, LT @ FG | 97 | 95 | 6.2 | +-2 | 136.3@6.8 | ABC |
| 60 | Sidewalk, Tamarron Dr., sta 6+50, RT @ FG | 97 | 95 | 5.1 | +-2 | 136.3@6.8 | ABC |
| 61 | Sidewalk, Tamarron Dr., sta 6+50, LT @ FG | 97 | 95 | 5.0 | +-2 | 136.3@6.8 | ABC |
| 62 | Sidewalk, Tamarron Dr., sta 4+50, RT @ FG | 98 | 95 | 5.8 | +-2 | 136.3@6.8 | ABC |
| 63 | Sidewalk, Tamarron Dr., sta 4+50, LT @ FG | 96 | 95 | 6.0 | +-2 | 136.3@6.8 | ABC |

DISTRIBUTION:

1-Client 1-Ute Water

1-Subdiv Env 1-Mesa Co

1-LANDesign

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY: RL

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Elam Construction | Report No: 7 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 7-19-01 |
| Location: | Test By: RL |
| | GJLD Job No: 88776-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: | County: X | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 64 | Sidewalk, Tamarron Dr., sta 0+50, RT @ FG | 97 | 95 | 6.3 | +-2 | 136.3@6.8 | ABC |
| 65 | Sidewalk, Tamarron Dr., sta 0+50, LT @ FG | 96 | 95 | 6.1 | +-2 | 136.3@6.8 | ABC |
| 66 | Sidewalk, Tamarron Dr., sta 2+50, RT @ FG | 97 | 95 | 6.3 | +-2 | 136.3@6.8 | ABC |
| 67 | Sidewalk, Tamarron Dr., sta 2+50, LT @ FG | 97 | 95 | 6.2 | +-2 | 136.3@6.8 | ABC |

DISTRIBUTION:

1-Client 1-Ute Water

1-Subdiv Env 1-Mesa Co

1-LANDesign

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY: RL

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Elam Construction | Report No: 8 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 7-20-01 |
| Location: | Test By: LS |
| | GJLD Job No: 88776-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: | County: X | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 68 | Sidewalk, Ridge Dr., N side, sta 6+25 @ FG | 97 | 95 | 6.0 | +-2 | 136.3@6.8 | ABC |
| 69 | Sidewalk, Ridge Dr., N side, sta 8+00 @ FG | 96 | 95 | 6.1 | +-2 | 136.3@6.8 | ABC |
| 70 | Sidewalk, Tamarron, E side, sta 10+00 @ FG | 98 | 95 | 5.6 | +-2 | 136.3@6.8 | ABC |
| 71 | Sidewalk, Tamarron, W side, sta 10+25 @ FG | 97 | 95 | 5.1 | +-2 | 136.3@6.8 | ABC |
| 72 | Sidewalk, Tamarron, E side, sta 12+00 @ FG | 95 | 95 | 5.0 | +-2 | 136.3@6.8 | ABC |
| 73 | Sidewalk, Tamarron, W side, sta 12+00 @ FG | 95 | 95 | 5.7 | +-2 | 136.3@6.8 | ABC |
| 74 | Sidewalk, Tamarron, E side, sta 14+00 @ FG | 96 | 95 | 5.6 | +-2 | 136.3@6.8 | ABC |
| 75 | Sidewalk, Tamarron, W side, sta 14+00 @ FG | 98 | 95 | 6.4 | +-2 | 136.3@6.8 | ABC |
| 76 | Sidewalk, Tamarron, E side, sta 16+00 @ FG | 99 | 95 | 5.1 | +-2 | 136.3@6.8 | ABC |
| 77 | Sidewalk, Tamarron, W side, sta 16+00 @ FG | 96 | 95 | 5.0 | +-2 | 136.3@6.8 | ABC |
| 78 | Sidewalk, Tamarron, E side, sta 18+00 @ FG | 95 | 95 | 5.3 | +-2 | 136.3@6.8 | ABC |
| 79 | Sidewalk, Tamarron, W side, sta 18+00 @ FG | 97 | 95 | 6.2 | +-2 | 136.3@6.8 | ABC |
| 80 | Sidewalk, Tamarron, E side, sta 20+00 @ FG | 98 | 95 | 5.1 | +-2 | 136.3@6.8 | ABC |

DISTRIBUTION: Page 1 of 2

1-Client 1-Ute Water

1-Subdiv Env 1-Mesa Co

1-LANDesign

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY:

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Elam Construction | Report No: 8 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 7-20-01 |
| Location: | Test By: LS |
| | GJLD Job No: 88776-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: | County: X | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 81 | Sidewalk, Tamarron, W side, sta 20+00 @ FG | 95 | 95 | 5.1 | +-2 | 136.3@6.8 | ABC |
| 82 | Sidewalk, Cortland Ave., S side, sta 4+50 @ FG | 98 | 95 | 8.0 | +-2 | 136.3@6.8 | ABC |
| 83 | Sidewalk, Cortland Ave., S side, sta 6+25 @ FG | 96 | 95 | 6.1 | +-2 | 136.3@6.8 | ABC |

DISTRIBUTION: Page 2 of 2

1-Client 1-Ute Water

1-Subdiv Env 1-Mesa Co

1-LANDesign

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY:

FILL DENSITY TEST DAILY REPORT

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Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Elam Construction | Report No: 9 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 8-8-01 |
| Location: | Test By: RL |
| | GJLD Job No: 88776-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: | County: X | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 84 | Roadway, Ridge Dr., sta 6+00, RT lane @ FG | 96 | 95 | 4.9 | +-2 | 136.3@6.8 | ABC |
| 85 | Roadway, Ridge Dr., sta 6+00, LT lane @ FG | 97 | 95 | 5.3 | +-2 | 136.3@6.8 | ABC |
| 86 | Roadway, Tamarron Dr., sta 10+00, RT lane @ FG | 96 | 95 | 5.2 | +-2 | 136.3@6.8 | ABC |
| 87 | Roadway, Tamarron Dr., sta 11+00, LT lane @ FG | 96 | 95 | 5.3 | +-2 | 136.3@6.8 | ABC |
| 88 | Roadway, Tamarron Dr., sta 12+00, RT lane @ FG | 97 | 95 | 5.0 | +-2 | 136.3@6.8 | ABC |
| 89 | Roadway, Tamarron Dr., sta 13+00, LT lane @ FG | 96 | 95 | 5.0 | +-2 | 136.3@6.8 | ABC |
| 90 | Roadway, Tamarron Dr., sta 14+00, RT lane @ FG | 97 | 95 | 5.1 | +-2 | 136.3@6.8 | ABC |
| 91 | Roadway, Tamarron Dr., sta 15+00, LT lane @ FG | 96 | 95 | 5.4 | +-2 | 136.3@6.8 | ABC |
| 92 | Roadway, Tamarron Dr., sta 16+00, RT lane @ FG | 96 | 95 | 5.2 | +-2 | 136.3@6.8 | ABC |
| 93 | Roadway, Tamarron Dr., sta 17+00, LT lane @ FG | 96 | 95 | 5.5 | +-2 | 136.3@6.8 | ABC |
| 94 | Roadway, Tamarron Dr., sta 18+00, RT lane @ FG | 96 | 95 | 4.9 | +-2 | 136.3@6.8 | ABC |
| 95 | Roadway, Tamarron Dr., sta 19+00, LT lane @ FG | 96 | 95 | 5.1 | +-2 | 136.3@6.8 | ABC |
| 96 | Roadway, Tamarron Dr., sta 20+00, RT lane @ FG | 96 | 95 | 5.4 | +-2 | 136.3@6.8 | ABC |

DISTRIBUTION: Page 1 of 2

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY: RL

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Elam Construction | Report No: 9 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 8-8-01 |
| Location: | Test By: RL |
| | GJLD Job No: 88776-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: | County: X | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 97 | Roadway, Tamarron Dr., sta 21+00, LT lane @ FG | 97 | 95 | 5.5 | +-2 | 136.3@6.8 | ABC |

DISTRIBUTION: Page 2 of 2

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN-DeVORE, INC.

BY: RL

FILL DENSITY TEST DAILY REPORT

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GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Elam Construction | Report No: 10 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 8-9-01 |
| Location: | Test By: RL |
| | GJLD Job No: 88776-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: | County: X | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 98 | Roadway, Tamarron Dr., sta 0+50, RT lane @ FG | 96 | 95 | 5.0 | +-2 | 136.3@6.8 | ABC |
| 99 | Roadway, Tamarron Dr., sta 1+50, LT lane @ FG | 96 | 95 | 5.3 | +-2 | 136.3@6.8 | ABC |
| 100 | Roadway, Tamarron Dr., sta 2+50, RT lane @ FG | 97 | 95 | 5.4 | +-2 | 136.3@6.8 | ABC |
| 101 | Roadway, Tamarron Dr., sta 3+50, LT lane @ FG | 97 | 95 | 4.8 | +-2 | 136.3@6.8 | ABC |
| 102 | Roadway, Tamarron Dr., sta 4+50, RT lane @ FG | 98 | 95 | 4.9 | +-2 | 136.3@6.8 | ABC |
| 103 | Roadway, Tamarron Dr., sta 5+50, LT lane @ FG | 96 | 95 | 5.1 | +-2 | 136.3@6.8 | ABC |
| 104 | Roadway, Tamarron Dr., sta 6+50, RT lane @ FG | 96 | 95 | 5.2 | +-2 | 136.3@6.8 | ABC |
| 105 | Roadway, Tamarron Dr., sta 7+50, LT lane @ FG | 97 | 95 | 5.1 | +-2 | 136.3@6.8 | ABC |
| 106 | Roadway, Tamarron Dr., sta 8+50, RT lane @ FG | 98 | 95 | 4.9 | +-2 | 136.3@6.8 | ABC |

DISTRIBUTION:

1-Client
1-Ute Water
1-Subdiv Env
1-City of GJ
1-Atkins & Assoc

KEY:
* Fails Compaction Spec.
** Fails Moisture Spec.
S Standard Proctor
M Modified Proctor
C = Cohesive
NC = NonCohesive
ABC = Aggregate Base
PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.
BY: RL

FILL DENSITY TEST DAILY REPORT

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GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Elam Construction | Report No: 11 |
| Project: Grandview Subdivision, Fil. 5/6 | Date of Test: 8-9-01 |
| Location: | Test By: RL |
| | GJLD Job No: 88776-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: | County: X | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 107 | Roadway, Cortland, sta 4+50, RT lane @ FG | 96 | 95 | 5.3 | +-2 | 136.3@6.8 | ABC |
| 108 | Roadway, Cortland, sta 5+50, LT lane @ FG | 97 | 95 | 5.4 | +-2 | 136.3@6.8 | ABC |
| 109 | Roadway, Cortland, sta 6+25, RT lane @ FG | 99 | 95 | 5.5 | +-2 | 136.3@6.8 | ABC |

DISTRIBUTION:

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN-DeVORE, INC.

BY: RL

FILL DENSITY TEST DAILY REPORT

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GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Elam Construction | Report No: 12 |
| Project: Grandview Subdivision | Date of Test: 8-13-01 |
| Location: | Test By: AR |
| | GJLD Job No: 88776-GJ |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| TEST TYPE: | Nuclear (ASTM 2922) Backscatter X | Nuclear (ASTM 2922) Direct Trans. | SPECIFICATIONS: | Project: | City: X | County: | State: |

| Test No. | Location of Test | Mix Design Compaction % | Mix Design Max. Den. pcf | Rice Gs Compaction % | Rice Gs Max. Den. pcf | Compaction Specif. |
|---|---|---|---|---|---|---|
| 110 | Roadway, sta 6+25, RT lane, Tamarron Dr @ FAC | | | 94 | 150.9 | 92-96 |
| 111 | Roadway, sta 7+25, LT lane, Tamarron Dr @ FAC | | | 93 | 150.9 | 92-96 |
| 112 | Roadway, sta 8+25, RT lane, Tamarron Dr @ FAC | | | 94 | 150.9 | 92-96 |
| 113 | Roadway, sta 9+25, LT lane, Tamarron Dr @ FAC | | | 94 | 150.9 | 92-96 |
| 114 | Roadway, sta 10+25, RT lane, Tamarron Dr @ FAC | | | 93 | 150.9 | 92-96 |
| 115 | Roadway, sta 11+25, LT lane, Tamarron Dr @ FAC | | | 95 | 150.9 | 92-96 |
| 116 | Roadway, sta 12+25, RT lane, Tamarron Dr @ FAC | | | 93 | 150.9 | 92-96 |
| 117 | Roadway, sta 13+25, LT lane, Tamarron Dr @ FAC | | | 95 | 150.9 | 92-96 |
| 118 | Roadway, sta 14+25, RT lane, Tamarron Dr @ FAC | | | 93 | 150.9 | 92-96 |
| 119 | Roadway, sta 15+25, LT lane, Tamarron Dr @ FAC | | | 93 | 150.9 | 92-96 |
| 120 | Roadway, sta 6+25, RT lane, Ridge Dr @ bottom lift | | | 93 | 150.9 | 92-96 |
| 121 | Roadway, sta 7+25, LT lane, Ridge Dr @ bottom lift | | | 94 | 150.9 | 92-96 |
| 122 | Roadway, sta 4+55, RT lane, Cortland Ave @ bottom lift | | | 94 | 150.9 | 92-96 |

DISTRIBUTION: Page 1 of 2

1-Client 1-City of GJ

1-Subdiv Env

1-Atkins & Assoc.

KEY: * Fails Compaction Spec.

GRAND JUNCTION LINCOLN DeVORE, INC.

BY: AR

A.C. DENSITY TEST DAILY REPORT

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GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Elam Construction | Report No: 12 |
| Project: Grandview Subdivision | Date of Test: 8-13-01 |
| Location: | Test By: AR |
| | GJLD Job No: 88776-GJ |

| | |
|---|---|
| TEST TYPE: Nuclear (ASTM 2922) Backscatter X Nuclear (ASTM 2922) Direct Trans. | SPECIFICATIONS: Project: City: X County: State: |

| Test No. | Location of Test | Mix Design Compaction % | Mix Design Max. Den. pcf | Rice Gs Compaction % | Rice Gs Max. Den. pcf | Compaction Specif. |
|---|---|---|---|---|---|---|
| 123 | Roadway, sta 5+50, LT lane, Cortland Ave @ FAC | | | 95 | 150.9 | 92-96 |
| 124 | Roadway, sta 0+25, RT lane, Tamarron Dr @ FAC | | | 94 | 150.9 | 92-96 |
| 125 | Roadway, sta 1+25, LT lane, Tamarron Dr @ FAC | | | 93 | 150.9 | 92-96 |
| 126 | Roadway, sta 2+25, RT lane, Tamarron Dr @ FAC | | | 94 | 150.9 | 92-96 |
| 127 | Roadway, sta 3+25, LT lane, Tamarron Dr @ FAC | | | 94 | 150.9 | 92-96 |
| 128 | Roadway, sta 4+25, RT lane, Tamarron Dr @ FAC | | | 95 | 150.9 | 92-96 |
| 129 | Roadway, sta 5+25, LT lane, Tamarron Dr @ FAC | | | 93 | 150.9 | 92-96 |
| 130 | Roadway, sta 16+25, RT lane, Tamarron Dr @ FAC | | | 94 | 150.9 | 92-96 |
| 131 | Roadway, sta 17+25, LT lane, Tamarron Dr @ FAC | | | 93 | 150.9 | 92-96 |
| 132 | Roadway, sta 18+25, RT lane, Tamarron Dr @ FAC | | | 93 | 150.9 | 92-96 |
| 133 | Roadway, sta 19+25, LT lane, Tamarron Dr @ FAC | | | 94 | 150.9 | 92-96 |
| 134 | Roadway, sta 20+25, RT lane, Tamarron Dr @ FAC | | | 93 | 150.9 | 92-96 |

DISTRIBUTION:



1-Client 1-City of GJ

1-Subdiv Env

1-Atkins & Assoc.

KEY: * Fails Compaction Spec.

GRAND JUNCTION LINCOLN DeVORE, INC.

BY:

A.C. DENSITY TEST DAILY REPORT

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GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Elam Construction | Report No: 13 |
| Project: Grandview Subdivision | Date of Test: 8-14-01 |
| Location: | Test By: LS |
| | GJLD Job No: 88776-GJ |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| TEST TYPE: | Nuclear (ASTM 2922) Backscatter X | Nuclear (ASTM 2922) Direct Trans. | SPECIFICATIONS: | Project: | City: X | County: | State: | |

| Test No. | Location of Test | Mix Design Compaction % | Mix Design Max. Den. pcf | Rice Gs Compaction % | Rice Gs Max. Den. pcf | Compaction Specif. |
|---|---|---|---|---|---|---|
| 135 | Street, Ridge Dr., sta 0+50 @ FAC | | | 93 | 150.9 | 92-96 |
| 136 | Street, Ridge Dr., sta 1+50 @ FAC | | | 94 | 150.9 | 92-96 |
| 137 | Street, Corltland Ave., sta 5+00 @ FAC | | | 95 | 150.9 | 92-96 |
| 138 | Street, Corltland Ave., sta 6+00 @ FAC | | | 94 | 150.9 | 92-96 |

DISTRIBUTION:

1-Client 1-City of GJ

1-Subdiv Env

1-Atkins & Assoc.

KEY: * Fails Compaction Spec.

GRAND JUNCTION LINCOLN DeVORE, INC.

BY:

A.C. DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

GRAND JUNCTION
LINCOLN DeVORE, Inc.
GEOTECHNICAL ENGINEERS – GEOLOGISTS

1441 Motor St.
Grand Junction, CO 81505

TEL: (970) 242-8968
FAX: (970) 242-1561

SUB

August 14, 2001

Elam Construction
1225 S. 7th St.
Grand Junction, CO 81501

Re: Asphalt Paving, Grandview Subdivision, sta 20+50, S bound lane, Tamarron Dr., Grand Junction, CO

At your request personnel of Grand Junction Lincoln DeVore have obtained asphalt samples, supplied to the above referenced project by Elam Construction. Following are the results of our testing:

**SIEVE ANALYSIS**

| Sieve Size | Sample I | Job Mix Specs. |
|---|---|---|
| 3/4" | 100 | 100 |
| ½" | 90 | 81-93 |
| ⅜" | 79 | 70-82 |
| #4 | 55 | 49-59 |
| #8 | 38 | 30-40 |
| #16 | 28 | - |
| #30 | 22 | 14-22 |
| #50 | 16 | - |
| #100 | 10 | - |
| #200 | 5.9 | 3.4-7.4 |

**OTHER TESTING**

| | Sample I | Specs |
|---|---|---|
| % Asphalt Content | 5.5 | 5.1-6.1 |
| Location of Sample | See above | |
| Sample Date | 8-10-01 | |
| Sample Time | 1245 | |
| Sample Temp. | 280° | |
| Air Temp. | 80° | |
| Gmm (Rice) | 2.435 | |
| VMA % | 13.9 | >13.0% |
| Air Voids % | 3.9 | 3-5% |

If any questions arise regarding these results or if we can be of any further assistance to you, please do not hesitate to contact this office at any time.

Respectfully submitted,

GRAND JUNCTION
LINCOLN DeVORE, Inc.

by: Edward M. Morris, PE
Principal Engineer

EM/bw

GJLD Job # 88776-GJ

| | | | |
|---|---|---|---|
| Client: | Elam Construction | GJLD Job No.: | 88776-GJ |
| | | Field Test By: | BK |
| Project: | Grandview Subdivision, Fil. 5/6 | Location of Test: | E sidewalk, sta 5+00, Fil. 5 |

| | | | | |
|---|---|---|---|---|
| Concrete Contractor: | | Cement Type: | | |
| Concrete Supplier: | GJRM | | Test | Specs. |
| Truck No.: | 29 | Slump (ASTM C-143) | 2.5 | Inches |
| Ticket No.: | 55826 | Air Content (ASTM C-231) | 5.6 | % |
| Date of Casting: | 7-23-01 | Conc. Temp. (ASTM C-1064) | 77 | °F |
| Mix ID/Description: | 6 sak | Test Taken @ chute | 4 | Yards |
| 28-Day Req. Strength: | 3000 | Water Added | 4 | Gal. |
| Aggregate Correction Factor: | YES (NO) | | | |

| Specimen No.: | Spec. Height inch | Spec. Weight lbs. | Ave. Diam. inch | X-section Area inch² | Unit Weight pcf | Total Load lbs | Unit Stress psi | Break Type | Break Date | Break Age |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 12.00 | 28.20 | 6.00 | 28.18 | 146.2 | 79000 | 2800 | CM | 7-30 | 7 |
| 2 | 12.00 | 28.20 | 5.99 | 28.18 | 147.2 | 109000 | 3870 | CM | 8-20 | 28 |
| 3 | 12.00 | 28.00 | 6.00 | 28.09 | 147.2 | 120000 | 4270 | CM | 8-20 | 28 |
| 4 | 12.00 | 28.00 | 6.00 | 28.09 | 147.2 | | | | | Reserve |

| | | |
|---|---|---|
| Remarks: | | Grand Junction Lincoln-DeVore requires a minimum of 1 Working Days notice to schedule personnel for any field testing and observations. |
| Specimen or Cap Defects: | | Grand Junction Lincoln-DeVore cannot be responsible for any interpretations of the test results by other than laboratory personnel. |
| Distribution: | 1-Client<br>1-GJRM<br>1-Subdiv Env<br>1-Atkins & Assoc.<br>1-City of GJ | Field Testing performed in substantial conformance to appropriate ASTM Standards.<br>Compressive Strength Test performed in substantial conformance to ASTM C-29.<br><br>Final Report will include data for all specimens and will be sent after the 28-day breaks. |
| * | Does Not Meet Required Strength (if Applicable) | GRAND JUNCTION LINCOLN DeVORE, Inc. |
| Date Issued: | 8-20-01 | BY: |

**GRAND JUNCTION LINCOLN DeVORE, Inc.**
GEOTECHNICAL ENGINEERS-GEOLOGISTS
Grand Junction, Colorado

**CONCRETE COMPRESSIVE TEST REPORT**

| | |
|---|---|
| Client: Travis Jordan | Report No: 11 |
| Project: Grandview Subdivision, Filing 4 | Date of Test: 10-29-99 |
| Location: | Test By: RL |
| | GJLD Job No: 87684-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 236 | Sewer main between MH EP3 & K1 @ FSG | 95 | 95 | 15.5 | +-2 | 115.2@14.7 | C |
| 237 | MH K1 @ FSG | 95 | 95 | 14.9 | +-2 | 115.2@14.7 | C |
| 238 | SS, Lot 12, Blk 3 @ FSG | 96 | 95 | 15.9 | +-2 | 115.2@14.7 | C |
| 239 | SS, Lot 13, Blk 3 @ FSG | 96 | 95 | 15.4 | +-2 | 115.2@14.7 | C |
| 240 | SS, Lot 14, Blk 3 @ FSG | 95 | 95 | 14.4 | +-2 | 115.2@14.7 | C |
| 241 | SS, Lot 16, Blk 1 2 -3' BSG | 96 | 95 | 14.9 | +-2 | 115.2@14.7 | C |
| 242 | SS, Lot 15, Blk 3 @ -3' BSG | 96 | 95 | 14.6 | +-2 | 115.2@14.7 | C |
| 243 | SS, Lot 17, Blk 1 @ -3' BSG | 95 | 95 | 13.8 | +-2 | 115.2@14.7 | C |
| 244 | SS, Lot 18, Blk 1 @ -3' BSG | 97 | 95 | 15.2 | +-2 | 115.2@14.7 | C |
| 245 | SS, Lot 16, Blk 3 @ -3' BSG | 95 | 95 | 15.0 | +-2 | 115.2@14.7 | C |
| 246 | MH EP4 @ -3' BSG | 97 | 95 | 15.0 | +-2 | 115.2@14.7 | C |
| 247 | Sewer main between MH EP3 & EP4 @ -3' BSG | 97 | 95 | 14.7 | +-2 | 115.2@14.7 | C |
| 248 | SS, Lot 17, Blk 3 @ -3' BSG | 95 | 95 | 15.4 | +-2 | 115.2@14.7 | C |

DISTRIBUTION: Page 2 of 3

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY: RL

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Travis Jordan | Report No: 11 |
| Project: Grandview Subdivision, Filing 4 | Date of Test: 10-29-99 |
| Location: | Test By: RL |
| | GJLD Job No: 87684-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 249 | Sewer main between MH EP4 & CL1 @ -3' BSG | 96 | 95 | 14.7 | +-2 | 115.2@14.7 | C |

DISTRIBUTION: Page 3 of 3

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

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GRAND JUNCTION LINCOLN DeVORE, INC.

BY: RL

FILL DENSITY TEST DAILY REPORT

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GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Travis Jordan | Report No: 12 |
| Project: Grandview Subdivision, Filing 4 | Date of Test: 11-1-99 |
| Location: | Test By: RL |
| | GJLD Job No: 87684-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 250 | SS, Lot 16, Blk 1 @ -1' BSG | 100 | 95 | 13.7 | +-2 | 115.2@14.7 | C |
| 251 | Sewer main between MH EP3 & EP4 @ -1' BSG | 99 | 95 | 14.1 | +-2 | 115.2@14.7 | C |
| 252 | SS, Lot 15, Blk 3 @ -1' BSG | 98 | 95 | 14.8 | +-2 | 115.2@14.7 | C |
| 253 | SS, Lot 17, Blk 1 @ -1' BSG | 96 | 95 | 14.1 | +-2 | 115.2@14.7 | C |
| 254 | SS, Lot I8, Blk 1 @ -1' BSG | 95 | 95 | 14.5 | +-2 | 115.2@14.7 | C |
| 255 | SS, Lot 16, Blk 3 @ -1' BSG | 100 | 95 | 12.8 | +-2 | 115.2@14.7 | C |
| 256 | MH EP4 @ -1' BSG | 98 | 95 | 13.6 | +-2 | 115.2@14.7 | C |
| 257 | SS, Lot 17, Blk 3 @ -1' BSG | 98 | 95 | 15.3 | +-2 | 115.2@14.7 | C |
| 258 | Sewer main between MH EP4 & CL1 @ -1' BSG | 97 | 95 | 14.9 | +-2 | 115.2@14.7 | C |

DISTRIBUTION:

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

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GRAND JUNCTION LINCOLN DeVORE, INC.

BY: RL

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Travis Jordan | Report No: 13 |
| Project: Grandview Subdivision, Filing 4 | Date of Test: 11-2-99 |
| Location: | Test By: LS |
| | GJLD Job No: 87684-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 259 | Sewer MH EP3 @ FSG | 95 | 95 | 13.5 | +-2 | 115.2@14.7 | C |
| 260 | SS, Lot 16, Blk 1 @ FSG | 95 | 95 | 13.3 | +-2 | 115.2@14.7 | C |
| 261 | SS, Lot 15, Blk 3 @ FSG | 100 | 95 | 13.1 | +-2 | 115.2@14.7 | C |
| 262 | SS, Lot 17, Blk 1 @ FSG | 100 | 95 | 13.2 | +-2 | 115.2@14.7 | C |
| 263 | SS, Lot 18, Blk 1 @ FSG | 97 | 95 | 13.8 | +-2 | 115.2@14.7 | C |
| 264 | Sewer MH EP4 @ FSG | 98 | 95 | 14.4 | +-2 | 115.2@14.7 | C |
| 265 | SS, Lot 16, future filing @ FSG | 95 | 95 | 13.3 | +-2 | 115.2@14.7 | C |
| 266 | Sewer main between MH EP3 & EP4 @ FSG | 100 | 95 | 13.6 | +-2 | 115.2@14.7 | C |
| 267 | Sewer main between MH EP4 & CL1 @ FSG | 98 | 95 | 15.0 | +-2 | 115.2@14.7 | C |
| 268 | SS, Lot 17, future filing @ FSG | 100 | 95 | 13.6 | +-2 | 115.2@14.7 | C |
| 269 | Sewer MH CL1 @ 3' BSG | 99 | 95 | 13.6 | +-2 | 115.2@14.7 | C |

DISTRIBUTION:

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

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S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY:

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Travis Jordan | Report No: 14 |
| Project: Grandview Subdivision, Filing 4 | Date of Test: 11-4-99 |
| Location: | Test By: LS, RL |
| | GJLD Job No: 87684-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 270 | Water main, Dillon Ct., sta 0+50 @ 2' BSG | 95 | 95 | 14.3 | +-2 | 115.2@14.7 | C |
| 271 | WS, Lot 7, Blk 3 @ 2' BSG | 96 | 95 | 16.7 | +-2 | 115.2@14.7 | C |
| 272 | WS, Lots 8 & 9, Blk 3 @ 2' BGS | 96 | 95 | 13.2 | +-2 | 115.2@14.7 | C |
| 273 | WS, E Pagosa Dr., Lots 13 & 14, Blk 1 @ 2' BSG | 100 | 95 | 15.5 | +-2 | 115.2@14.7 | C |
| 274 | Water main, sta 5+50 @ 2' BSG | 98 | 95 | 15.3 | +-2 | 115.2@14.7 | C |
| 275 | WS, E Pagosa Dr., Lots 10 & 11, Blk 3 @ 2' BSG | 96 | 95 | 14.8 | +-2 | 115.2@14.7 | C |
| 276 | Water main, sta 7+50 @ 2' BSG | 98 | 95 | 13.8 | +-2 | 115.2@14.7 | C |
| 277 | Water fire hydrant, Lot 11, Blk 3, sta 8+15 @ 2' BSG | 98 | 95 | 13.1 | +-2 | 115.2@14.7 | C |

DISTRIBUTION:

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY: RL

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Travis Jordan | Report No: 15 |
| Project: Grandview Subdivision, Filing 4 | Date of Test: 11-5-99 |
| Location: | Test By: LS, RL |
| | GJLD Job No: 87684-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 278 | WS, Lots 15 & 16, Blk 1 @ 2' BSG | 97 | 95 | 14.8 | +-2 | 115.2@14.7 | C |
| 279 | Water main, Keystone Ct.,s ta 0+75 @ 2' BSG | 95 | 95 | 14.5 | +-2 | 115.2@14.7 | C |
| 280 | WS, Lot 12, Blk 3 @ 2' BSG | 98 | 95 | 14.3 | +-2 | 115.2@14.7 | C |
| 281 | WS, Lots 13 & 14, Blk 3 @ 2' BSG | 97 | 95 | 14.4 | +-2 | 115.2@14.7 | C |
| 282 | Water main, Pagosa Dr., sta 9+50 @ 2' BSG | 98 | 95 | 14.4 | +-2 | 115.2@14.7 | C |
| 283 | WS, Lots 17 & 18, Blk 1 @ 2' BSG | 97 | 95 | 16.0 | +-2 | 115.2@14.7 | C |
| 284 | WS, Lots 15 & 16, Blk 3 @ 2' BSG | 95 | 95 | 13.7 | +-2 | 115.2@14.7 | C |
| 285 | Water main, sta 0+50, E&@ on N end of project @ 2' BSG | 96 | 95 | 14.7 | +-2 | 115.2@14.7 | C |

DISTRIBUTION:

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

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GRAND JUNCTION LINCOLN DeVORE, INC.

BY: RL

FILL DENSITY TEST DAILY REPORT

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Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Travis Jordan | Report No: 16 |
| Project: Grandview Subdivision, Filing 4 | Date of Test: 11-8-99 |
| Location: | Test By: LS, RL |
| | GJLD Job No: 87684-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 286 | Water fire hydrant, Lot 11, Blk 3 @ FSG | 100 | 95 | 13.8 | +-2 | 115.2@14.7 | C |
| 287 | WS, Lots 15 & 16, Blk 1 @ FSG | 97 | 95 | 13.1 | +-2 | 115.2@14.7 | C |
| 288 | Water main, sta 8+00 @ FSG | 97 | 95 | 14.5 | +-2 | 115.2@14.7 | C |
| 289 | Water fire hydrant, future filing, Lot 19 @ 2' BSG | 98 | 95 | 14.6 | +-2 | 115.2@14.7 | C |
| 290 | Water main, sta 2+50, N-E side of project @ 2' BSG | 100 | 95 | 13.6 | +-2 | 115.2@14.7 | C |

DISTRIBUTION:

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

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GRAND JUNCTION LINCOLN DeVORE, INC.

BY: RL

**FILL DENSITY TEST DAILY REPORT**

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Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Travis Jordan | Report No: 17 |
| Project: Grandview Subdivision, Filing 4 | Date of Test: 11-9-99 |
| Location: | Test By: LS, RL |
| | GJLD Job No: 87684-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 291 | Utility crossing, Dillon Ct., sta 0+20 @ FSG | 99 | 95 | 13.0 | +-2 | 115.2@14.7 | C |
| 292 | Utility crossing, Pagosa Dr., sta 6+00 @ FSG | 100 | 95 | 13.8 | +-2 | 115.2@14.7 | C |
| 293 | Utility crossing, Keystone, sta 0+25 @ FSG | 100 | 95 | 14.0 | +-2 | 115.2@14.7 | C |
| 294 | Water main, Keystone @ FSG | 100 | 95 | 13.4 | +-2 | 115.2@14.7 | C |
| 295 | SS, Lot 12, Blk 3 @ FSG | 100 | 95 | 13.9 | +-2 | 115.2@14.7 | C |
| 296 | WS, Lots 13 & 14, Blk 3 @ FSG | 99 | 95 | 13.9 | +-2 | 115.2@14.7 | C |
| 297 | Water main, Pagosa, sta 9+00 @ FSG | 100 | 95 | 13.7 | +-2 | 115.2@14.7 | C |
| 298 | WS, Lots 15 & 16, Blk 3 @ FSG | 100 | 95 | 14.0 | +-2 | 115.2@14.7 | C |
| 299 | WS, Lots 17 & 18, Blk 1 @ FSG | 100 | 95 | 14.2 | +-2 | 115.2@14.7 | C |
| 300 | Utility crossing, sta 10+00 @ FSG | 100 | 95 | 14.3 | +-2 | 115.2@14.7 | C |
| 301 | Water main, E-W line, N end, sta 0+50 @ FSG | 100 | 95 | 14.0 | +-2 | 115.2@14.7 | C |
| 302 | Water main, E-W line, N end, sta 2+00 @ FSG | 100 | 95 | 14.8 | +-2 | 115.2@14.7 | C |
| 303 | Utility crossing, Pagosa, sta 11+00 @ FSG | 100 | 95 | 13.3 | +-2 | 115.2@14.7 | C |

DISTRIBUTION: Page 1 of 2

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

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M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY: RL

FILL DENSITY TEST DAILY REPORT

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GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Travis Jordan | Report No: 17 |
| Project: Grandview Subdivision, Filing 4 | Date of Test: 11-9-99 |
| Location: | Test By: LS, RL |
| | GJLD Job No: 87684-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 304 | WS, Lot 14, Blk 3 @ FSG | 98 | 95 | 15.1 | +-2 | 115.2@14.7 | C |
| 305 | Water fire hydrant, Lot 14, Bk 3 @ FSG | 100 | 95 | 14.3 | +-2 | 115.2@14.7 | C |
| 306 | Sewer MH CL1 @ FSG | 100 | 95 | 13.6 | +-2 | 115.2@14.7 | C |

DISTRIBUTION: Page 2 of 2

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

KEY: * Fails Compaction Spec. C = Cohesive

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GRAND JUNCTION LINCOLN DeVORE, INC.

BY: RL

FILL DENSITY TEST DAILY REPORT

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GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Elam Construction | Report No: 1 |
| Project: Grandview Subdivision | Date of Test: 11-9-99 |
| Location: | Test By: LS |
| | GJLD Job No: 87741-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 1 | Sidewalk, Grandview Dr., sta 1+00, E @ FSG | 89* | 90M | 13.2 | +-2 | 124.9@11.4 | C |
| 2 | Street, Grandview Dr., sta 1+00, E @ FSG | 91 | 90M | 14.4 | +-2 | 124.9@11.4 | C |
| 3 | Sidewalk, Grandview Dr., sta 1+00, W @ FSG | 91 | 90M | 11.6 | +-2 | 124.9@11.4 | C |
| 4 | Street, Grandview Dr., sta 2+00, W @ FSG | 92 | 90M | 12.6 | +-2 | 124.9@11.4 | C |
| 5 | Sidewalk, El Dora Ct., sta 0+50, N @ FSG | 90 | 90M | 13.4 | +-2 | 124.9@11.4 | C |
| 6 | Street, El Dora Ct., sta 0+50, S @ FSG | 90 | 90M | 12.6 | +-2 | 124.9@11.4 | C |
| 7 | Sidewalk, El Dora Ct., sta 0+50, N @ FSG | 98 | 90M | 11.9 | +-2 | 124.9@11.4 | C |
| 8 | Street, El Dora Ct., sta 1+50, S @ FSG | 96 | 90M | 13.3 | +-2 | 124.9@11.4 | C |
| 9 | Sidewalk, E end of cul-de-sac @ FSG | 94 | 90M | 12.6 | +-2 | 124.9@11.4 | C |
| 10 | Sidewalk, Grandview Dr., sta 3+00, E @ FSG | 88* | 90M | 11.7 | +-2 | 124.9@11.4 | C |
| 11 | Street, Grandview Dr., sta 3+00, E @ FSG | 88* | 90M | 11.7 | +-2 | 124.9@11.4 | C |
| 12 | Sidewalk, Grandview Dr., sta 3+00, E @ FSG | 94 | 90M | 12.4 | +-2 | 124.9@11.4 | C |
| 13 | Street, Grandview Dr., sta 4+00, W @ FSG | 94 | 90M | 12.5 | +-2 | 124.9@11.4 | C |

DISTRIBUTION: Page 1 of 2

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY:

**FILL DENSITY TEST DAILY REPORT**

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Elam Construction | Report No: 1 |
| Project: Grandview Subdivision | Date of Test: 11-9-99 |
| Location: | Test By: LS |
| | GJLD Job No: 87741-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 14 | Sidewalk, Grandview Dr., sta 5+00, S @ FSG | 96 | 90M | 12.2 | +-2 | 124.9@11.4 | C |
| 15 | Street, Grandview Dr., sta 5+00, S @ FSG | 90 | 90M | 11.9 | +-2 | 124.9@11.4 | C |
| 16 | Sidewalk, Grandview Dr., sta 5+00, N @ FSG | 87* | 90M | 12.8 | +-2 | 124.9@11.4 | C |
| 17 | Street, Grandview Dr., sta 6+00, S @ FSG | 99 | 90M | 12.1 | +-2 | 124.9@11.4 | C |
| 18 | Sidewalk, Grandview Dr., sta 7+00, N @ FSG | 97 | 90M | 13.0 | +-2 | 124.9@11.4 | C |
| 19 | Street, Grandview Dr., sta 7+00, N @ FSG | 95 | 90M | 12.6 | +-2 | 124.9@11.4 | C |
| 20 | Sidewalk, Grandview Dr., sta 7+00, S @ FSG | 92 | 90M | 12.7 | +-2 | 124.9@11.4 | C |
| 21 | Street, Grandview Dr., sta 8+00, S @ FSG | 91 | 90M | 11.9 | +-2 | 124.9@11.4 | C |

Soils were wetted to Standard Proctor (ASTM D-698, AASHTO T-99) Optimum Moisture but project specifications utilize Modified Proctor (ASTM D-1557, AASHTO T-180) Maximum Density, which result in a minimum Dry Density of approximately 3 pcf higher than required by City of G.J. Higher moisture approved by G.J.L.D.

DISTRIBUTION: Page 2 of 2

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

KEY: * Fails Compaction Spec. C = Cohesive

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S Standard Proctor ABC = Aggregate Base

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GRAND JUNCTION LINCOLN DeVORE, INC.

BY:

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Elam Construction | Report No: 2 |
| Project: Grandview Subdivision | Date of Test: 11-10-99 |
| Location: | Test By: RL |
| | GJLD Job No: 87741-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone |
|---|---|---|---|

SPECIFICATIONS: Project: City: X County: State:

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 1A | RETEST | 90 | 90M | 12.4 | +-2 | 124.9@11.4 | C |
| 10A | RETEST | 94 | 90M | 12.6 | +-2 | 124.9@11.4 | C |
| 11A | RETEST | 91 | 90M | 12.1 | +-2 | 124.9@11.4 | C |
| 16A | RETEST | 91 | 90M | 12.3 | +-2 | 124.9@11.4 | C |
| 22 | Roadway, Pagosa Dr., sta 11+00, RT lane @ FSG | 92 | 90M | 12.3 | +-2 | 124.9@11.4 | C |
| 23 | Sidewalk, Pagosa Dr., sta 11+00, RT @ FSG | 94 | 90M | 12.1 | +-2 | 124.9@11.4 | C |
| 24 | Sidewalk, Pagosa Dr., sta 11+00, LT @ FSG | 92 | 90M | 11.7 | +-2 | 124.9@11.4 | C |
| 25 | Roadway, Conifer Ct., sta 0+75, center @ FSG | 90 | 90M | 12.6 | +-2 | 124.9@11.4 | C |
| 26 | Sidewalk, Conifer Ct., sta 0+75, RT @ FSG | 91 | 90M | 13.2 | +-2 | 124.9@11.4 | C |
| 27 | Sidewalk, Conifer Ct., sta 0+75, LT @ FSG | 91 | 90M | 13.2 | +-2 | 124.9@11.4 | C |
| 28 | Roadway, Pagosa Dr., sta 10+00, LT lane @ FSG | 92 | 90M | 12.4 | +-2 | 124.9@11.4 | C |
| 29 | Roadway, Pagosa Dr., sta 9+00, RT lane @ FSG | 92 | 90M | 12.2 | +-2 | 124.9@11.4 | C |
| 30 | Sidewalk, Pagosa Dr., sta 9+00, RT @ FSG | 91 | 90M | 12.2 | +-2 | 124.9@11.4 | C |

DISTRIBUTION: Page 1 of 2

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

KEY: * Fails Compaction Spec. C = Cohesive

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GRAND JUNCTION LINCOLN DeVORE, INC.

BY: SPB for RL

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Elam Construction | Report No: 2 |
| Project: Grandview Subdivision | Date of Test: 11-10-99 |
| Location: | Test By: RL |
| | GJLD Job No: 87741-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 31 | Sidewalk, Pagosa Dr., sta 9+00, LT @ FSG | 93 | 90M | 12.5 | +-2 | 124.9@11.4 | C |
| 32 | Roadway, Pagosa Dr., sta 8+00, LT lane @ FSG | 92 | 90M | 11.9 | +-2 | 124.9@11.4 | C |
| 33 | Roadway, Pagosa Dr., sta 7+00, RT lane @ FSG | 91 | 90M | 12.8 | +-2 | 124.9@11.4 | C |
| 34 | Sidewalk, Pagosa Dr., sta 7+00, RT @ FSG | 94 | 90M | 12.7 | +-2 | 124.9@11.4 | C |
| 35 | Sidewalk, Pagosa Dr., sta 7+00, LT @ FSG | 92 | 90M | 12.6 | +-2 | 124.9@11.4 | C |
| 36 | Sidewalk, Dillon Ct., sta 0+60, RT @ FSG | 90 | 90M | 12.2 | +-2 | 124.9@11.4 | C |
| 37 | Sidewalk, Dillon Ct., sta 0+60, LT @ FSG | 93 | 90M | 12.2 | +-2 | 124.9@11.4 | C |
| 38 | Roadway, Dillon Ct., sta 0+60 @ FSG | 94 | 90M | 10.9 | +-2 | 124.9@11.4 | C |
| 39 | Roadway, Pagosa Dr., sta 6+00 @ FSG | 92 | 90M | 12.4 | +-2 | 124.9@11.4 | C |

Soils were wetted to Standard Proctor (ASTM D-698, AASHTO T-99) Optimum Moisture but project specifications utilize Modified Proctor (ASTM D-1557, AASHTO T-180) Maximum Density, which result in a minimum Dry Density of approximately 3 pcf higher than required by City of G.J. Higher moisture approved by G.J.L.D.

DISTRIBUTION: Page 2 of 2

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

KEY: * Fails Compaction Spec. C = Cohesive

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GRAND JUNCTION LINCOLN DeVORE, INC.

BY:

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Elam Construction | Report No: 3 |
| Project: Grandview Subdivision | Date of Test: 11-12-99 |
| Location: | Test By: LS, RL |
| | GJLD Job No: 87741-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone |
|---|---|---|---|

SPECIFICATIONS: Project: City: X County: State:

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 40 | Sidewalk, Pagosa, sta 5+50 @ FSG | 98 | 90M | 11.3 | +-2 | 124.9@11.4 | C |
| 41 | Street, Pagosa, sta 5+50 @ FSG | 99 | 90M | 11.3 | +-2 | 124.9@11.4 | C |
| 42 | Sidewalk, Pagosa, sta 5+50 @ FSG | 99 | 90M | 13.1 | +-2 | 124.9@11.4 | C |
| 43 | Street, Pagosa, sta 4+50 @ FSG | 96 | 90M | 13.1 | +-2 | 124.9@11.4 | C |
| 44 | Sidewalk, Pagosa, sta 3+50 @ FSG | 95 | 90M | 12.5 | +-2 | 124.9@11.4 | C |
| 45 | Street, Pagosa, sta 3+50 @ FSG | 90 | 90M | 12.5 | +-2 | 124.9@11.4 | C |
| 46 | Sidewalk, Pagosa, sta 3+50 @ FSG | 94 | 90M | 12.9 | +-2 | 124.9@11.4 | C |
| 47 | Sidewalk, Keystone Ct., sta 0+50 @ FSG | 90 | 90M | 12.0 | +-2 | 124.9@11.4 | C |
| 48 | Street, Keystone Ct., sta 0+50 @ FSG | 92 | 90M | 13.8 | +-2 | 124.9@11.4 | C |
| 49 | Sidewalk, Keystone Ct., sta 0+50 @ FSG | 92 | 90M | 13.0 | +-2 | 124.9@11.4 | C |
| 50 | Street, Pagosa, sta 2+50 @ FSG | 91 | 90M | 11.1 | +-2 | 124.9@11.4 | C |
| 51 | Sidewalk, Pagosa, sta 1+50 @ FSG | 90 | 90M | 11.9 | +-2 | 124.9@11.4 | C |
| 52 | Street, Pagosa, sta 1+50 @ FSG | 96 | 90M | 13.3 | +-2 | 124.9@11.4 | C |

DISTRIBUTION: Page 1 of 2

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

KEY: * Fails Compaction Spec. C = Cohesive

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GRAND JUNCTION LINCOLN DeVORE, INC.

BY: RL

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Elam Construction | Report No: 3 |
| Project: Grandview Subdivision | Date of Test: 11-12-99 |
| Location: | Test By: RL, LS |
| | GJLD Job No: 87741-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: | X | County: | State: |
|---|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 53 | Sidewalk, Pagosa, sta 1+50 @ FSG | 94 | 90M | 12.8 | +-2 | 124.9@11.4 | C |
| 54 | Street, Pagosa, sta 0+50 @ FSG | 97 | 90M | 12.8 | +-2 | 124.9@11.4 | C |

Soils were wetted to Standard Proctor (ASTM D-698, AASHTO T-99) Optimum Moisture but project specifications utilize Modified Proctor (ASTM D-1557, AASHTO T-160) Maximum Density, which result in a minimum Dry Density of approximately 3 pcf higher than required by City of G.J. Higher moisture approved by G.J.L.D.

DISTRIBUTION: Page 2 of 2

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY: RL

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Elam Construction | Report No: 4 |
| Project: Grandview Subdivision | Date of Test: 11-12-99 |
| Location: | Test By: RL |
| | GJLD Job No: 87741-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 55 | Sidewalk, Grandview Dr., sta 8+00, RT @ FG | 98 | 95M | 7.2 | +-2 | 136.3@6.8 | ABC |
| 56 | Sidewalk, Grandview Dr., sta 8+00, LT @ FG | 96 | 95M | 6.9 | +-2 | 136.3@6.8 | ABC |
| 57 | Sidewalk, Grandview Dr., sta 6+00, RT @ FG | 95 | 95M | 7.2 | +-2 | 136.3@6.8 | ABC |
| 58 | Sidewalk, Grandview Dr., sta 6+00, LT @ FG | 96 | 95M | 7.3 | +-2 | 136.3@6.8 | ABC |
| 59 | Sidewalk, Grandview Dr., sta 4+00, RT @ FG | 97 | 95M | 7.0 | +-2 | 136.3@6.8 | ABC |
| 60 | Sidewalk, Grandview Dr., sta 4+00, LT @ FG | 97 | 95M | 7.4 | +-2 | 136.3@6.8 | ABC |
| 61 | Sidewalk, Grandview Dr., sta 2+00, RT @ FG | 98 | 95M | 5.9 | +-2 | 136.3@6.8 | ABC |
| 62 | Sidewalk, Grandview Dr., sta 2+00, LT @ FG | 96 | 95M | 6.6 | +-2 | 136.3@6.8 | ABC |
| 63 | Sidewalk, Grandview Dr., sta 0+50, RT @ FG | 96 | 95M | 6.0 | +-2 | 136.3@6.8 | ABC |
| 64 | Sidewalk, Grandview Dr., sta 0+50, LT @ FG | 97 | 95M | 6.8 | +-2 | 136.3@6.8 | ABC |
| 65 | Sidewalk, Eldora Ct., sta 0+75 @ FG | 96 | 95M | 5.6 | +-2 | 136.3@6.8 | ABC |
| 66 | Sidewalk, Eldora Ct., sta 0+75 @ FG | 97 | 95M | 7.4 | +-2 | 136.3@6.8 | ABC |
| | SEE PAGE 2 FOR NOTE | | | | | | |

DISTRIBUTION: 

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY: RL

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Elam Construction | Report No: 4 |
| Project: Grandview Subdivision | Date of Test: 11-12-99 |
| Location: | Test By: RL |
| | GJLD Job No: 87741-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| | Soils were wetted to Standard Proctor (ASTM D-698, AASHTO T-99) Optimum Moisture but project specifications utilize Modified Proctor (ASTM D-1557, AASHTO T-180) Maximum Density, which result in a minimum Dry Density of approximately 3 pcf higher than required by City of G.J. Higher moisture approved by G.J.L.D. | | | | | | |

DISTRIBUTION: Page 2 of 2

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

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GRAND JUNCTION LINCOLN DeVORE, INC.

BY:

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

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GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Elam Construction | Report No: 5 |
| Project: Grandview Subdivision | Date of Test: 11-15-99 |
| Location: | Test By: AR |
| | GJLD Job No: 87741-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 67 | Sidewalk, sta 11+00, L side, E Pagosa Dr @ FABC | 96 | 95M | 7.2 | +-2 | 136.3@6.8 | ABC |
| 68 | Sidewalk, sta 11+00, R side, E Pagosa Dr @ FABC | 96 | 95M | 6.9 | +-2 | 136.3@6.8 | ABC |
| 69 | Sidewalk, sta 1+25, R side, Conifer Ct @ FABC | 96 | 95M | 7.2 | +-2 | 136.3@6.8 | ABC |
| 70 | Sidewalk, sta 9+30, R side, E Pagosa Dr @ FABC | 97 | 95M | 7.3 | +-2 | 136.3@6.8 | ABC |
| 71 | Sidewalk, sta 9+00, L side, E Pagosa Dr @ FABC | 96 | 95M | 7.0 | +-2 | 136.3@6.8 | ABC |
| 72 | Sidewalk, sta 7+30, R side, E Pagosa Dr @ FABC | 96 | 95M | 7.4 | +-2 | 136.3@6.8 | ABC |
| 73 | Sidewalk, sta 1+25, R side, Dillon Ct @ FABC | 96 | 95M | 5.9 | +-2 | 136.3@6.8 | ABC |
| 74 | Sidewalk, sta 3+25, R side, Cortland Ave @ FABC | 91 | 90M | 11.7 | +-2 | 125.0@11.5 | C |
| 75 | Roadway, sta 3+25, R lane, Cortland Ave @ FABC | 92 | 90M | 12.2 | +-2 | 125.0@11.5 | C |
| 76 | Roadway, sta 0+85, R lane, Cortland Ave @ FABC | 92 | 90M | 12.5 | +-2 | 125.0@11.5 | C |
| 77 | Sidewalk, sta 0+85, R side, Cortland Ave @ FABC | 91 | 90M | 13.4 | +-2 | 125.0@11.5 | C |
| | SEE PAGE 2 FOR NOTE | | | | | | |

DISTRIBUTION: Page 1 of 2

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

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** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

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GRAND JUNCTION LINCOLN DeVORE, INC.

BY: RL

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Elam Construction | Report No: 5 |
| Project: Grandview Subdivision | Date of Test: 11-15-99 |
| Location: | Test By: AR |
| | GJLD Job No: 87741-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: | X | County: | State: |
|---|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| | Soils were wetted to Standard Proctor (ASTM D-698, AASHTO T-99) Optimum Moisture but project specifications utilize Modified Proctor (ASTM D-1557, AASHTO T-180) Maximum Density, which result in a minimum Dry Density of approximately 3 pcf higher than required by City of G.J. Higher moisture approved by G.J.L.D. | | | | | | |

DISTRIBUTION: Page 2 of 2

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY: RL

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Elam Construction | Report No: 6 |
| Project: Grandview Subdivision | Date of Test: 11-17-99 |
| Location: | Test By: RL, LS |
| | GJLD Job No: 87741-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 78 | Sidewalk, E Pagosa Dr., sta 5+50, E side @ FG | 95 | 95M | 5.2 | +-2 | 136.3@6.8 | ABC |
| 79 | Sidewalk, E Pagosa Dr., sta 5+50, W side @ FG | 98 | 95M | 5.9 | +-2 | 136.3@6.8 | ABC |
| 80 | Sidewalk, E Pagosa Dr., sta 5+50, W side @ FG | 97 | 95M | 6.2 | +-2 | 136.3@6.8 | ABC |
| 81 | Sidewalk, E Pagosa Dr., sta 5+50, E side @ FG | 99 | 95M | 5.4 | +-2 | 136.3@6.8 | ABC |
| 82 | Sidewalk, Keystone, sta 5+50, S side @ FG | 98 | 95M | 5.6 | +-2 | 136.3@6.8 | ABC |
| 83 | Sidewalk, Keystone, sta 5+50, N side @ FG | 97 | 95M | 6.0 | +-2 | 136.3@6.8 | ABC |
| 84 | Sidewalk, E Pagosa Dr., sta 5+50, E side @ FG | 98 | 95M | 5.7 | +-2 | 136.3@6.8 | ABC |
| 85 | Sidewalk, E Pagosa Dr., sta 5+50, E side @ FG | 98 | 90M | 6.1 | +-2 | 136.3@6.8 | ABC |

Soils were wetted to Standard Proctor (ASTM D-698, AASHTO T-99) Optimum Moisture but project specifications utilize Modified Proctor (ASTM D-1557, AASHTO T-180) Maximum Density, which result in a minimum Dry Density of approximately 3 pcf higher than required by City of G.J. Higher moisture approved by G.J.L.D.

DISTRIBUTION:

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY: RL

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

Client Elam Construction — Job No. 87741-GJ

Project Grandview Subdivision — Tested By JD

Test Location N side, Grandview Dr. — Test Date 11-17-99

Concrete Supplier WWBM

Truck No. 14 — Ticket No. _____

Mix, Proportions Class B

28-Day Required Strength 3000 psi

Cement Type _____

Slump (ASTM C-143) 1 1/2 inches

Air Content (ASTM C-231) 4.4 %

Concrete Temperature (ASTM C-1064) 64 °F

Tested At chute, 2 cu yds

Water Added 7 gallons

| 6" x 12" Cylinder No. | Avg. Cyl. Diameter (inches) | Cross-sectional Area (sq.in.) | Unit Weight (pcf) | Total Load (lbs) | Unit Stress (psi) | Break Type | Break Date | Age (Days) |
|---|---|---|---|---|---|---|---|---|
| 1 | 5.99 | 28.18 | 143.1 | 88,000 | 3120 | CM | 11-24 | 7 |
| 2 | 5.99 | 28.18 | 143.1 | | | | 12-15 | 28 |
| 3 | 6.00 | 28.27 | 142.6 | | | | 12-15 | 28 |
| 4 | 6.00 | 28.27 | 141.6 | | | | | Reserve |

Remarks:

Specimen or Cap Defects:

Distribution:

1-Client
1-Atkins & Assoc
1-City of GJ
1-WWBM

*Does Not Meet Required Strength (if applicable)

Break Types:
CM - Conical Mortar Break
CA - Conical Aggregate Break
V - Shear Break

Final Report: _____

Grand Junction Lincoln DeVore requires a minimum of one (1) working day's notice to schedule personnel for for any field tests and observations. Compressive strength test performed according to ASTM C-39. The final report will include data for all cylinders, and will be sent after the 28-day break. This laboratory cannot be responsible for any interpretations of the test results by other than laboratory personnel.

Grand Junction Lincoln DeVore, Inc.

By: _____

GRAND JUNCTION
LINCOLN - DeVORE, Inc.
Geotechnical Consultants
Grand Junction, Colorado

**Concrete Test Report**

| First Date Issued | Final Report Date Issued |
|---|---|
| 11-24-99 | |

| | |
|---|---|
| Client: Elam Construction | Report No: 7 |
| Project: Grandview Subdivision | Date of Test: 11-18-99 |
| Location: | Test By: AR |
| | GJLD Job No: 87741-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 86 | Sidewalk, sta 0+80, S side, Courtland Ave @ FABC | 98 | 95M | 5.2 | +-2 | 136.3@6.8 | ABC |
| 87 | Sidewalk, sta 2+75, S side, Courtland Ave @ FABC | 96 | 95M | 5.1 | +-2 | 136.3@6.8 | ABC |

DISTRIBUTION:

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY:

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Content, ASTM D-4718. If soils contain oversize particles in excess of the limits of ASTM D-4718

Nuclear Density Testing is performed for acceptance control and is combined with visual and penetration methods.

GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

GRAND JUNCTION
LINCOLN DeVORE, Inc.
GEOTECHNICAL ENGINEERS – GEOLOGISTS

1441 Motor St.
Grand Junction, CO 81505

TEL: (970) 242-8968
FAX: (970) 242-1561

November 19, 1999

Elam Construction
1225 S. 7th St.
Grand Junction, CO 81501

Re: Asphalt Paving, Ethington Estates, Perkins Dr., N lane, Clifton, CO

At your request personnel of Grand Junction Lincoln DeVore have obtained asphalt samples, supplied to the above referenced project by Elam Construction. Following are the results of our testing:

**SIEVE ANALYSIS**

| Sieve Size | Sample I | Job Mix Specs. |
|---|---|---|
| 1" | 100 | 100 |
| 3/4 | 100 | 100 |
| ½ | 94 | 82-94 |
| 3/8 | 80 | 71-83 |
| #4 | 60 | 50-60 |
| #8 | 43* | 32-42 |
| #16 | 33 | - |
| #30 | 28* | 18-26 |
| #50 | 19 | - |
| #100 | 11 | - |
| #200 | 6.4 | 3.6-7.6 |

**OTHER TESTING**

| | Sample I | Specs |
|---|---|---|
| % Asphalt Content | 5.1 | 5.4±0.5 |
| Location of Sample | See above | |
| Sample Date | 11-15-99 | |
| Sample Time | 0948 | |
| Sample Temp. | 275 | 275±5 |
| Air Temp. | 55 | |

If any questions arise regarding these results or if we can be of any further assistance to you, please do not hesitate to contact this office at any time.

Respectfully submitted,

GRAND JUNCTION
LINCOLN DeVORE, Inc.

by: Edward M. Morris, PE
Principal Engineer

EM/bw

GJLD Job # 86956-GJ

**GRAND JUNCTION**
**LINCOLN DeVORE**

**Construction Quality Control Daily Report**

**Report** 1 **Job #** 87741-GJ **Date** 11-19-99

**Location of work:** Grandview Subdivision **Contractor:** Elam Const.

**Description:** Unacceptable soil removal

**Weather:** Partly cloudy **Temperature: Min.** **Max.** 50

**1. Work Performed Today by Contractor:**

Elam Construction is working on the subgrade for Courtland Ave. at the north end of Grandview Subdivision, Filing 4.

**2. List Specific Inspection Performed and Results of These Inspections (Include Corrective Actions):**

Very moist subgrade conditions were discovered on Courtland Ave. between sta 0+00 and 1+00. The undesirable soil was removed to a depth of 24 inches and replaced with fabric and class 6 base course.

**3. List Type and Location of Tests Performed, and Results of These Tests:**

**4. Remarks:**

**Inspected By:** Andy Rosedahl
Andy Rosedahl

**Reviewed By:**
Edward M. Morris, PE

Client: Elam Construction — Job No.: 87741-GJ

Project: Grandview Subdivision — Tested By: JD

Test Location: N side, Grandview Dr. — Test Date: 11-17-99

Concrete Supplier: WWBM
Truck No.: 14 — Ticket No.:
Mix, Proportions: Class B
28-Day Required Strength: 3000 psi
Cement Type:

Slump (ASTM C-143): 1 1/2 inches
Air Content (ASTM C-231): 4.4 %
Concrete Temperature (ASTM C-1064): 64 °F
Tested At: chute, 2 cu yds
Water Added: 7 gallons

| 6" x 12" Cylinder No. | Avg. Cyl. Diameter (inches) | Cross-sectional Area (sq.in.) | Unit Weight (pcf) | Total Load (lbs) | Unit Stress (psi) | Break Type | Break Date | Age (Days) |
|---|---|---|---|---|---|---|---|---|
| 1 | 5.99 | 28.18 | 143.1 | 88,000 | 3120 | CM | 11-24 | 7 |
| 2 | 5.99 | 28.18 | 143.1 | 119,500 | 4240 | CM | 12-15 | 28 |
| 3 | 6.00 | 28.27 | 142.6 | 119,000 | 4210 | CM | 12-15 | 28 |
| 4 | 6.00 | 28.27 | 141.6 | | | | | Reserve |

Remarks:

Specimen or Cap Defects:

Distribution:

1-Client
1-Atkins & Assoc
1-City of GJ
1-WWBM

*Does Not Meet Required Strength (if applicable)

Break Types:
CM - Conical Mortar Break
CA - Conical Aggregate Break
V - Shear Break

Grand Junction Lincoln DeVore requires a minimum of one (1) working day's notice to schedule personnel for for any field tests and observations. Compressive strength test performed according to ASTM C-39. The final report will include data for all cylinders, and will be sent after the 28-day break. This laboratory cannot be responsible for any interpretations of the test results by other than laboratory personnel.

Grand Junction Lincoln DeVore, Inc.

Final Report: 12-15-99

By:

GRAND JUNCTION
LINCOLN - DeVORE, Inc.
Geotechnical Consultants
Grand Junction, Colorado

**Concrete Test Report**

| First Date Issued | Final Report Date Issued |
|---|---|
| 11-24-99 | 12-15-99 |

| | |
|---|---|
| Client: Elam Construction | Report No: 8 |
| Project: Grandview Subdivision | Date of Test: 3-30-00 |
| Location: | Test By: AR |
| | GJLD Job No: 87741-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 88 | Roadway, sta 0+50, L lane, Eldora Ct @ FABC | 95 | 95 | 6.5 | +-2 | 136.3@6.8 | ABC |
| 89 | Roadway, sta 1+50, R lane, Eldora Ct @ FABC | 96 | 95 | 7.3 | +-2 | 136.3@6.8 | ABC |
| 90 | Roadway, sta 8+25, L lane, N Grandview Dr @ FABC | 95 | 95 | 5.6 | +-2 | 136.3@6.8 | ABC |
| 91 | Roadway, sta 7+50, R lane, N Grandview Dr @ FABC | 96 | 95 | 6.1 | +-2 | 136.3@6.8 | ABC |
| 92 | Roadway, sta 6+50, L lane, N Grandview Dr @ FABC | 96 | 95 | 6.0 | +-2 | 136.3@6.8 | ABC |
| 93 | Roadway, sta 5+50, R lane, N Grandview Dr @ FABC | 95 | 95 | 6.9 | +-2 | 136.3@6.8 | ABC |
| 94 | Roadway, sta 4+50, L lane, N Grandview Dr @ FABC | 96 | 95 | 6.7 | +-2 | 136.3@6.8 | ABC |
| 95 | Roadway, sta 3+50, R lane, N Grandview Dr @ FABC | 95 | 95 | 6.6 | +-2 | 136.3@6.8 | ABC |
| 96 | Roadway, sta 2+50, L lane, N Grandview Dr @ FABC | 95 | 95 | 6.7 | +-2 | 136.3@6.8 | ABC |
| 97 | Roadway, sta 1+50, R lane, N Grandview Dr @ FABC | 96 | 95 | 6.3 | +-2 | 136.3@6.8 | ABC |
| 98 | Roadway, sta 0+50, L lane, N Grandview Dr @ FABC | 96 | 95 | 5.2 | +-2 | 136.3@6.8 | ABC |
| 99 | Roadway, sta 0+50, R lane, N Grandview Dr @ FABC | 95 | 95 | 7.1 | +-2 | 136.3@6.8 | ABC |
| 100 | Roadway, sta 1+05, L lane, N Grandview Dr @ FABC | 96 | 95 | 7.0 | +-2 | 136.3@6.8 | ABC |

DISTRIBUTION: Page 1 of 3

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY: AR

## FILL DENSITY TEST DAILY REPORT

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GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Elam Construction | Report No: 8 |
| Project: Grandview Subdivision | Date of Test: 3-30-00 |
| Location: | Test By: AR |
| | GJLD Job No: 87741-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 101 | Roadway, sta 0+50, R lane, E Pagosa Dr @ FABC | 98 | 95 | 6.9 | +-2 | 136.3@6.8 | ABC |
| 102 | Roadway, sta 1+50, L lane, E Pagosa Dr @ FABC | 95 | 95 | 6.9 | +-2 | 136.3@6.8 | ABC |
| 103 | Roadway, sta 2+50, R lane, E Pagosa Dr @ FABC | 96 | 95 | 6.5 | +-2 | 136.3@6.8 | ABC |
| 104 | Roadway, sta 3+50, L lane, E Pagosa Dr @ FABC | 95 | 95 | 6.4 | +-2 | 136.3@6.8 | ABC |
| 105 | Roadway, sta 4+50, R lane, E Pagosa Dr @ FABC | 98 | 95 | 6.2 | +-2 | 136.3@6.8 | ABC |
| 106 | Roadway, sta 5+50, L lane, E Pagosa Dr @ FABC | 98 | 95 | 6.0 | +-2 | 136.3@6.8 | ABC |
| 107 | Roadway, sta 6+50, R lane, E Pagosa Dr @ FABC | 97 | 95 | 6.2 | +-2 | 136.3@6.8 | ABC |
| 108 | Roadway, sta 7+50, L lane, E Pagosa Dr @ FABC | 96 | 95 | 5.6 | +-2 | 136.3@6.8 | ABC |
| 109 | Roadway, sta 8+50, R lane, E Pagosa Dr @ FABC | 98 | 95 | 5.4 | +-2 | 136.3@6.8 | ABC |
| 110 | Roadway, sta 9+50, L lane, E Pagosa Dr @ FABC | 96 | 95 | 7.0 | +-2 | 136.3@6.8 | ABC |
| 111 | Roadway, sta 10+50, R lane, E Pagosa Dr @ FABC | 95 | 95 | 6.4 | +-2 | 136.3@6.8 | ABC |
| 112 | Roadway, sta 11+00, L lane, E Pagosa Dr @ FABC | 98 | 95 | 7.4 | +-2 | 136.3@6.8 | ABC |
| 113 | Roadway, sta 0+50, R lane, Keystone Ct @ FABC | 96 | 95 | 6.6 | +-2 | 136.3@6.8 | ABC |

DISTRIBUTION: Page 2 of 3

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY: AR

FILL DENSITY TEST DAILY REPORT

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GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | |
|---|---|
| Client: Elam Construction | Report No: 8 |
| Project: Grandview Subdivision | Date of Test: 3-30-00 |
| Location: | Test By: AR |
| | GJLD Job No: 87741-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 114 | Roadway, sta 1+05, L lane, Keystone Ct @ FABC | 97 | 95 | 7.0 | +-2 | 136.3@6.8 | ABC |
| 115 | Roadway, sta 0+50, R lane, Dillon Ct @ FABC | 95 | 95 | 7.0 | +-2 | 136.3@6.8 | ABC |
| 116 | Roadway, sta 1+05, L lane, Dillon Ct @ FABC | 95 | 95 | 6.8 | +-2 | 136.3@6.8 | ABC |

DISTRIBUTION: Page 3 of 3

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

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M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY: AR

FILL DENSITY TEST DAILY REPORT

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GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

| | | | |
|---|---|---|---|
| Elam Construction | | | Report No: 9 |
| Project: Grandview Subdivision | | | Date of Test: 3-31-00 |
| Location: | | | Test By: AR |
| | | | GJLD Job No: 87741-GJ |

| TEST TYPE: | Nuclear (ASTM 2922) Backscatter | Nuclear (ASTM 2922) Direct Trans. X | (ASTM D-1556) Sand Cone | SPECIFICATIONS: | Project: | City: X | County: | State: |
|---|---|---|---|---|---|---|---|---|

| Test No. | Location of Test | COMPACTION % | COMPAC. SPEC. % | MOISTURE CONT. % | MOISTURE SPEC. % | PROCTOR VALUE | SOIL TYPE |
|---|---|---|---|---|---|---|---|
| 117 | Roadway, sta 0+50, L lane, Courtland Ave @ FABC | 96 | 95 | 6.1 | +-2 | 136.3@6.8 | ABC |
| 118 | Roadway, sta 1+50, R lane, Courtland Ave @ FABC | 95 | 95 | 6.0 | +-2 | 136.3@6.8 | ABC |
| 119 | Roadway, sta 2+50, L lane, Courtland Ave @ FABC | 95 | 95 | 6.7 | +-2 | 136.3@6.8 | ABC |
| 120 | Roadway, sta 3+50, R lane, Courtland Ave @ FABC | 95 | 95 | 5.7 | +-2 | 136.3@6.8 | ABC |

DISTRIBUTION:

1-Client 1-Ute Water

1-Subdiv Env 1-City of GJ

1-Atkins & Assoc.

KEY: * Fails Compaction Spec. C = Cohesive

** Fails Moisture Spec. NC = NonCohesive

S Standard Proctor ABC = Aggregate Base

M Modified Proctor PR = Pit Run

GRAND JUNCTION LINCOLN DeVORE, INC.

BY: AR

FILL DENSITY TEST DAILY REPORT

NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln DeVore has relied on the contractor to provide uniform mix placement and compactive effort throughout the fill area.

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GRAND JUNCTION LINCOLN DeVORE

Geotechnical Engineers-Geologists

# *DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS OF GRAND VIEW SUBDIVISION*

THIS DECLARATION, made on the date hereinafter set forth by Donada, Inc., a Colorado corporation, hereinafter referred to as "Declarant."

WHEREAS, Declarant is the owner of certain property in the County of Mesa, State of Colorado, which is more particularly described as:

> See attached Exhibit "A" and by this reference incorporated herein.

NOW, THEREFORE, Declarant hereby declares that all of the properties described above shall be held, sold and conveyed subject to the following easements, restrictions, covenants and conditions which are for the purpose of protecting the value and desirability of, and which shall run with, the real property and be binding on all parties having any right, title or interest in the described properties or any part thereof, their heirs, successors and assigns, and shall inure to the benefit of each owner thereof.

## ARTICLE I

## DEFINITIONS

Section 1. "Association" shall mean and refer to GV Homeowner's Association, Inc., its successors and assigns.

Section 2. "Owner" shall mean and refer to the record owner, whether one or more persons or entities, of a fee simple title to any Lot which is a part of the Properties, including contract sellers, but excluding those having such interest merely as security for the performance of an obligation.

Section 3. "Properties" shall mean and refer to that certain real property hereinbefore described, and such additions thereto as may hereafter be brought within the jurisdiction of the Association.

Section 4. "Common Area" shall mean all real property (including the improvements thereto) owned by the Association.

Section 5. "Lot" shall mean and refer to any plot of land shown upon any recorded subdivision map of the Properties with the exception of the Common Area.

Section 6. "Declarant" shall mean and refer to Donada, Inc., a Colorado corporation, its successors and assigns if such

successors or assigns should acquire more than one undeveloped Lot from the Declarant for the purpose of development.

Section 7. "Architectural Control Committee" shall mean and refer to the Architectural Control Committee (ACC) set forth at Article VI of this Declaration.

## ARTICLE II

## PROPERTY RIGHTS

Section 1. Irrigation Water Delivery System. Every Owner shall have a right to access and use the irrigation water delivery system located in the utility and irrigation easement located along the boundary of each Lot, subject to the following provisions:

a. The right of the Association to charge reasonable fees for the use and maintenance of the irrigation water delivery system; and the right of the Association to promulgate rules, regulations and schedules related to the use of the irrigation water system, and,

b. The right of the Association to suspend the voting rights and right to use of the irrigation water delivery system by an Owner for any period during which any assessment against his Lot remains unpaid; and for a period not to exceed 60 days for any infraction of its published rules and regulations.

Section 2. Delegation of Use. Any Owner may delegate, in accordance with the bylaws, his right of use to the members of his family, his tenants, or contract purchasers who reside on the property.

Section 3. Ownership of Irrigation Equipment. The Association shall own and be responsible for the maintenance of the irrigation pump(s), irrigation water lines, pump house(s) and associated equipment and fixtures. The Owner shall own and be responsible for the maintenance of all irrigation lines and sprinklers located within the boundaries of the Owner's lot.

## ARTICLE III

## MEMBERSHIP AND VOTING RIGHTS

Section 1. Every Owner of a Lot which is subject to assessment shall be a member of the Association. Membership shall be appurtenant to and may not be separated from ownership of any Lot which is subject to assessment.

Section 2. The Association shall have one class of voting membership, being all Owners of Lots within Grand View Subdivision who shall be entitled to one vote for each Lot owned. When more

than one person holds an interest in any Lot, all such persons shall be members. The vote for such Lot shall be exercised as they determine, but in no event shall more than one vote be cast with respect to any Lot.

## ARTICLE IV

## COVENANT FOR MAINTENANCE ASSESSMENTS

Section 1. Creation of the Lien and Personal Obligation of Assessments. The Declarant, for each Lot owned within the Properties, hereby covenants and each Owner of any Lot by acceptance of a deed therefor, whether or not it shall be so expressed in such deed, is deemed to covenant and agree to pay to the Association: (1) annual assessments or charges, and (2) special assessments for capital improvement, such assessments to be established and collected as hereinafter provided. The annual and special assessments, together with interest, costs and reasonable attorney's fees, shall be a charge on the land and shall be a continuing lien upon the property against which each such assessment is made. Each such assessment, together with interest, costs and reasonable attorney's fees, shall also be the personal obligation of the person who was the Owner of such property at the time when the assessment fell due. The personal obligation for delinquent assessments shall not pass to successors in title unless expressly assumed by them.

Section 2. Purpose of Assessments. The assessments levied by the Association shall be used to provide and maintain irrigation water and an irrigation water delivery system to the Properties and to maintain the Common Area including but not limited to the drain ditch on the south boundary of Grand View Subdivision.

Section 3. Maximum Annual Assessment. Until December 31st of the year immediately following the conveyance of 50% of the lots to nondeclarant Owners the maximum annual assessment shall be One Hundred Dollars ($100.00) per Lot.

a. From and after December 31st of the year immediately following the conveyance of 50% of the lots to nondeclarant Owners the maximum annual assessment may be increased each year not more than 10% above the maximum assessment for the previous year without a vote of the membership.

b. From and after December 31st of the year immediately following the conveyance of 50% of the lots to nondeclarant Owners the maximum annual assessment may be increased above 10% by a vote of two-thirds (2/3) of the members who are voting in person or by proxy, at a meeting duly called for this purpose.

c. The Board of Directors may fix the annual assessment at an amount not in excess of the maximum.