Client:	Travis Jordan				_	Report No:	6	·	
Project:	Grandview Subdivision, Fil. 5/6	<u> </u>				Date of Test:	6-4-01		
Location	1:					Test By: RL	· · · · · · · · · · · · · · · · · · ·		
			•			GJLD Job No	: 88692-GJ		· · · · · · ·
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIF	ICATIONS: P	roject:	City:	X County:	State:	
Test No.	Location of Test			COMPACTION %	COMPAG SPEC. 9		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE
58	Sewer MH RO2, Fil. 5 @ -2' BSG			97	95	13.7	+-2	115.2@14.7	С
59	Sewer MH RO3, Fil. 5 @ -2' BSG			98	95	13.3	+-2	115.2@14.7	С
60	Sewer MH CA2, Fil. 6 @ -4' BSG			97	95	13.6	+-2	115.2@14.7	С
61	SS, Lot 12, Blk 1, Fil. 6 @ -4' BSG			96	95	13.7	+-2	115.2@14.7	С
62	SS, Lot 13, Blk 1, Fil. 6 @ FSG			96	95	13.3	+-2	115.2@14.7	С
63	Sewer main between MH CA2 & CA1, Fil. 6 @	-4' BSG		97	95	13.7	+-2	115.2@14.7	С
DISTRI	BUTION:	KEY: * Fails Compact	tion Spec.	C = Cohesi	ive	GRAND JUNCTIO	N LINCOLN De	VORE, INC.	<u>'</u>
1-Client	1-Ute Water	** Fails Moistu	re Spec.	NC = NonCo	hesive	BY: RL			
1-Subdi	v Env 1-City of GJ	S Standard Pro	octor	ABC = Aggreg	gate Base	FILL DENSITY	TEST DAIL	Y REPORT	
1-Atkin	s & Assoc.	M Modified Pr	octor	PR = Pit Rur	- 1				
location Lincoln	Results indicate in-place soil densities at the s and depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout area.	Nuclear Density Testing of other coarse grained soils m correction of Unit Weight A Content, ASTM D-4718. contain oversize particles in the limits of ASTM D-4718	nay require And Water If soils rexcess of	performed for a control and is with visual and p	cceptance combined		GRAND JUNCTION LINCOLN DeVORE	En	echnical gineers- cologists

Client	Travis Jordan					Report No:	7		
Project	:: Grandview Subdivision, Fil. 5/6	9				Date of Test:	6-5-01		
Location	ont					Test By: LS			
						GJLD Job No	: 88692-GJ	-·	
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECII	FICATIONS: PI	roject:	City:	X County:	State:	
Test No.	Location of Test			COMPACTION %	COMPA SPEC. 9		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE
64	SS, Lot 9, Blk 2 @ FSG			95	95	13.5	+-2	115.2@14.7	С
65	SS, Lot 10, Blk 1 @ FSG		ĺ	97	95	13.6	+-2	115.2@14.7	С
66	Sewer MH TD1 @ 1' BSG			95	95	14.6	+-2	115.2@14.7	С
67	Sewer MH RD3 @ 1' BSG			90*	95	12.9	+-2	115.2@14.7	С
68	Sewer main between MH TD1 & TD2 @ 2' BS0		97	95	13.6	+-2	115.2@14.7	С	
69	SS, Lot 2, Blk 2 @ 2' BSG			96	95	12.8	+-2	115.2@14.7	С
70	SS, Lot 2, Blk 1 @ 2' BSG			96	95	15.2	+-2	115.2@14.7	С
71	SS, Lot 3, Blk 2 @ 2' BSG			98	95	14.0	+-2	115.2@14.7	С
72	SS, Lot 3, Blk 1 @ 2' BSG			97	95	14.1	+-2	115.2@14.7	С
73	SS, Lot 4, Blk 2 @ 2' BSG			99	95	12.7	+-2	115.2@14.7	С
74	SS, Lot 4, Blk 1 @ 2' BSG			97	95	13.7	+-2	115.2@14.7	С
75	Sewer MH TD2 @ 2' BSG		ĺ	95	95	12.7	+-2	115.2@14.7	С
76	Sewer MH CA2 @ 2' BSG			95	95	12.8	+-2	115.2@14.7	С
DISTR	IBUTION: Page 1 of 2	KEY: * Fails Compacti	on Spec.	C = Cohesi	ve	GRAND JUNCTION	LINCOLN De	YORE, INC.	
1-Clien	t 1-Ute Water	** Fails Moisture	e Spec.	NC = NonCol		BY: Zag			
1-Subd	iv Env 1-City of GJ	S Standard Proc	ctor	ABC = Aggrega	ate Base	FILL DENSITY	TEST DAIL	Y REPORT	
1-Atkir	s & Assoc.	M Modified Pro	ctor	PR Pit Run					
location Lincoln	Results indicate in-place soil densities at the and depths identified above. Grand Junction DeVore has relied on the contractor to provide a mix placement and compactive effort throughout area.	Nuclear Density Testing of 'p other coarse grained soils ma correction of Unit Weight A Content, ASTM D-4718. contain oversize particles in the limits of ASTM D-4718	y require nd Water If soils	performed for ac control and is o with visual and pe	ceptance		GRAND JUNCTION LINCOLN DeVORE	Enį	chnical gineers- ologists

Client:	Travis Jordan Report No: 7									
Project:	Grandview Subdivision, Fil. 5/6					Date of Test:	6-5-01			
Location	:	- 11 			III.	Test By: LS		· · · · · · · · · · · · · · · · · · ·		
							o: 88692-GJ	·····		
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 292 2922) Backscatter Direct Trans. X	2) (ASTM D-1556) Sand Cone	SPECII	FICATIONS: P	roject:	City:	X County:	State:		
Test No.	Location of Test			COMPACTION %	COMPA SPEC. 9		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE	
77	SS, Lot 12, Blk 1 @ 2' BSG			96	95	12.7	+-2	115.2@14.7	С	
78	SS, Lot 12, Blk 1 @ FSG		96	95	13.0	+-2	115.2@14.7	С		
DISTRIE		KEY: * Fails Compaction	on Spec.	C = Cohesi	ve	GRAND JUNCTION	N LINCOLN De	ORE, INC.		
1-Client	1-Ute Water	** Fails Moisture	-	NC = NonCo	<u> </u>	BY:		corre		
1-Subdiv	·	S Standard Proc	ctor	ABC = Aggrega	ate Base	FILL DENSITY	TEST DAILY	REPORT		
1-Atkins	& Assoc.	M Modified Pro	ctor	PR = Pit Run	1					
locations Lincoln I	Results indicate in-place soil densities at the and depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout ea.	Nuclear Density Testing of 'p other coarse grained soils ma correction of Unit Weight At Content, ASTM D-4718. I contain oversize particles in of the limits of ASTM D-4718	y require nd Water If soils	performed for ac control and is o with visual and pe	cceptance		GRAND UNCTION LINCOLN DeVORE	Eng	chnical gineers- ologists	

Client:	Travis J	ordan	/ 1 / 1 / 2 / .					Report No:	8		
Project:	Grandvi	ew Subdivision, F	il. 5/6					Date of Test:	6-6-01		
Location	1:							Test By: LS	;		
								GJLD Job No	s: 88692-GJ		
TEST TYPE:		elear (ASTM 2) Backscatter	Nuclear (ASTM 2922) Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIF	FICATIONS: P	roject:	City:	X County:	State:	
Test No.	Location	of Test				COMPACTION %	COMPAC SPEC. %		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE
67A	RETEST	•				100	95	14.2	+-2	115.2@14.7	С
79	Sewer M	H TD1 @ FSG				100	95	13.5	+-2	115.2@14.7	С
80	SS, Lot	2, Blk 2 @ FSG				99	95	12.2	+-2	115.2@14.7	С
81	SS, Lot	2, Blk 1 @ FSG				95	95	13.0	+-2	115.2@14.7	С
82	Sewer m	ain between MH	TB1 & TB2 @ FSG			96	95	13.3	+-2	115.2@14.7	С
83	SS, Lot	3, Blk 2 @ FSG				95	95	12.9	+-2	115.2@14.7	С
84	SS, Lot	3, Blk 1 @ FSG				96	95	13.6	+-2	115.2@14.7	С
85	SS, Lot	4, Blk 2 @ FSG				96	95	13.4	+-2	115.2@14.7	С
86	SS, Lot	4, Blk 1 @ FSG				99	95	13.1	+-2	115.2@14.7	С
87	SS, Lot	5, Blk 2 @ 2' BSC	3			100	95	13.1	+-2	115.2@14.7	С
88	SS, Lot	5, Blk 1 @ 2' BSC	3			98	95	13.0	+-2	115.2@14.7	С
89	SS, Lot	6, Blk 2 @ 2' BS0	3			96	95	13.8	+-2	115.2@14.7	С
90	SS, Lot	5, Blk 1 @ 2' BSC				95	95	13.3	+-2	115.2@14.7	С
DISTRI	BUTION:		Page 1 of 2	KEY: * Fails Compact	ion Spec.	C Cohesi	ive	GRAND JUNCTIO	N LINCOLN D	VORE, INC.	
1-Client		I-Ute Water		** Fails Moistu	re Spec.	NC - NonCo	hesive [Y:			
1-Subdi	v Env	1-City of GJ		S Standard Pro	octor	ABC = Aggreg	ate Base	FILL DENSITY	TEST DAIL	Y REPORT	
1-Atkins	s & Assoc.			M Modified Pr	octor	PR = Pit Rur					
location: Lincoln uniform	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. other coarse g correction of Content, AS' contain overs			Nuclear Density Testing of other coarse grained soils magnetic correction of Unit Weight A Content, ASTM D-4718. contain oversize particles in the limits of ASTM D-4718	nay require And Water If soils a excess of	performed for a control and is with visual and p	cceptance combined		GRAND JUNCTION LINCOLN DeVORE	En	chnical gineers- cologists

Client:	Travis Jordan		Report No.	8					
Project.	Grandview Subdivision, Fil. 5/6					Date of Test:	6-6-01		
Location	ii.					Test By: LS			
						GJLD Job No	: 88692-GJ		
TEST TYPE:	Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIF	ICATIONS: P	roject:	City:	X County:	State:	
Test No.	Location of Test			COMPACTION %	COMPA SPEC.		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE
91	SS, Lot 7, Blk 2 @ 2' BSG			99	95	13.7	+-2	115.2@14.7	С
92	SS, Lot 7, Blk 1 @ 2' BSG			96	95	13,4	+-2	115.2@14.7	С
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	95 Sewer main between MH TP2 & TP3 @ 2' BSG				95	15.1	+-2	115.2@14.7	c
96	Sewer MH TP3 @ 2' BSG			95	95	13.6	+-2	115.2@14.7	С
DISTRII	BUTION: Page 2 of 2	KEY: * Fails Compact	ion Spec.	C Cohesi	ve	GRAND JUNCTION	N LINCOLN De	VORE, INC.	
I-Client	I-Ute Water	** Fails Moistu	re Spec.	NC = NonCo	hesive	BY:			
1-Subdiv	Env I-City of GJ	S Standard Pro	ctor	ABC = Aggrega	ate Base	FILL DENSITY	TEST DAIL	Y REPORT	
1-Atkins	& Assoc.	M Modified Pro	octor	PR = Pit Run	- 1				
locations Lincoln	Results indicate in-place soil densities at the and depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout rea.	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		performed for acceptance control and is combined with visual and penetration			GRAND IUNCTION LINCOLN DeVORE	En	chnical gineers- cologists

Client:	Travis Jordan				Report No:	9	<u> </u>		
Project:	Grandview Subdivision, Fil. 5/6	=				Date of Test:			
Location	11:					Test By: Bi			
			8.5		·		o: 88692-GJ	<u></u>	
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922 2922) Backscatter Direct Trans, X) (ASTM D-1556) Sand Cone	SPECIF	FICATIONS: P	roject:		X County:	State:	
Test No.	Location of Test			COMPACTION %	COMPA SPEC.		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE
97	Sewer MH TP2 @ FSG			99	95	13.4	+-2	115.2@14.7	С
98	SS, Lot 5, Blk 2 @ FSG			97	95	13.2	+-2	115.2@14.7	С
99	SS, Lot 5, Blk 1 @ FSG		1	98	95	13.7	+-2	115.2@14.7	С
100	SS, Lot 6, Blk 2 @ FSG			95	95	13.3	+-2	115.2@14.7	С
101	SS, Lot 6, Blk 1 @ FSG		- 1	99	95	12.9	+-2	115.2@14.7	С
102	SS, Lot 7, Blk 2 @ FSG			95	95	12.9	+-2	115.2@14.7	С
103	SS, Lot 7, Blk 1 @ FSG			95	95	14.0	+-2	115.2@14.7	C
104	SS, Lot 8, Blk 2 @ FSG		ĺ	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	С
106	Sewer main between MH TP2 & TP3 @ FSG			98	95	12.8	+-2	115.2@14.7	С
107	SS, Lot 9, Blk 2 @ 2' BSG		ĺ	96	95	13.5	+-2	115.2@14.7	С
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	С
DISTRIB	UTION: Page 1 of 2	KEY: • Fails Compactio	n Spec.	C = Cohesi	ve	GRAND JUNCTION			
1-Client	1-Ute Water	** Fails Moisture	Spec.	NC = NonCol	nesive	BY:		3	
1-Subdiv	Env 1-City of GJ	S Standard Proct	or	ABC = Aggrega	ite Base	FILL DENSITY			
1-Atkins	& Assoc.	M Modified Proc	tor	PR = Pit Run			1001 0140	REFORT	ĺ
locations Lincoln [Results indicate in-place soil densities at the and depths identified above. Grand Junction be Vore has relied on the contractor to provide nix placement and compactive effort throughout ea.	other coarse grained soils may correction of Unit Weight And Content, ASTM D-4718. If	iclear Density Testing of 'pit run' or ner coarse grained soils may require rrection of Unit Weight And Water ontent, ASTM D-4718. If soils ntain oversize particles in excess of		esting is ceptance ombined netration		GRAND UNCTION INCOLN DeVORE	Eng	chnical gineers- ologists

Client:	Travis Jordan				·	Report No:	8/9		
Project:	Grandview Subdivision, Fil. 5/6		_			Date of Test:	/		
Location	1:					Test By: LS			
							: 88692-GJ		<u> </u>
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922 2922) Backscatter Direct Trans. X) (ASTM D-1556) Sand Cone	SPECII	FICATIONS: P	roject:		X County:	State:	<u> </u>
Test No.	Location of Test			COMPACTION %	COMPA SPEC.		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE
110	SS, Lot 10, Blk 2 @ 2' BSG	560		95	95	14.7	+-2	115.2@14.7	С
111	Sewer main between MH TP3 & TP4 @ 2' BS6	G		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	С
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	С
115	Sewer MH TP4 @ 2' BSG			98	95	13.9	+-2	115.2@14.7	С
DISTRIB 1-Client 1-Subdiv	1-Ute Water	KEY: * Fails Compacti ** Fails Moistur S Standard Proc	e Spec.	C = Cohesion NC = NonCoh ABC = Aggrega	nesive	GRAND JUNCTION BY: FILL DENSITY		Marine .	
1-Atkins	& Assoc.	M Modified Pro	octor	PR = Pit Run					
locations Lincoln D	Results indicate in-place soil densities at the and depths identified above. Grand Junction DeVore has relied on the contractor to provide nix placement and compactive effort throughout ea.	Nuclear Density Testing of 'p other coarse grained soils ma correction of Unit Weight A Content, ASTM D-4718. contain oversize particles in the limits of ASTM D-4718	ay require and Water If soils	with visual and ner	ceptance ombined	L	GRAND UNCTION INCOLN DeVORE		chnical gineers- ologists

Client:	Travis Jordan		Report No:	10					
Project:	Grandview Subdivision, Fil. 5/6	21		· · · · · · · · · · · · · · · · · · ·		Date of Test:	6-8-01		
Location	:		· · · ·			Test By: RL		- · .	
						GJLD Job No	o: 88692-GJ		
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIF	ICATIONS: P	roject:	City:	X County:	State:	
Test No.	Location of Test			COMPACTION %	COMPA		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE
116	MH TB3 @ FSG			96	95	14.4	+-2	115.2@14.7	С
117	SS, Lot 9, Blk 2 @ FSG			95	95	13.3	+-2	115.2@14.7	С
118	SS, Lot 9, Blk 1 @ FSG			95	95	12.8	+-2	115.2@14.7	С
119	SS, Lot 10, Blk 2 @ FSG		l	95	95	14.7	+-2	115.2@14.7	С
120	SS, Lot 10, Blk 1 @ FSG			98	95	14.0	+-2	115.2@14.7	С
121	Sewer main between MH TB3 & TB4 @ FSG			95	95	13.9	+-2	115.2@14.7	С
122	SS, Lot 11, Blk 2 @ FSG			95	95	13.5	+-2	115.2@14.7	С
123	SS, Lot 12, Blk 2 @ FSG			95	95	13.3	+-2	115.2@14.7	С
124	MH TB4 @ FSG			98	95	13.9	+-2	115.2@14.7	С
125	SS, Lot 11, Blk 1 @ FSG			96	95	14.3	+-2	115.2@14.7	С
DISTRI	BUTION:	KEY: * Fails Compacti	ion Spec.	C = Cohesi	ve	GRAND JUNCTION	N LINCOLN De	VORE, INC.	
1-Client	!-Ute Water	** Fails Moistur	e Spec.	NC = NonCo	hesive	BY: RL			
1-Subdiv	Subdiv Env 1-City of GJ S Standard Proctor		ctor	ABC = Aggreg	ate Base	FILL DENSITY	TEST DAIL	Y REPORT	
1-Atkins	& Assoc.	M Modified Pro	octor	PR = Pit Run					
locations Lincoln i uniform	NOTE: Results indicate in-place soil densities at the ocations 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 'pi other coarse grained soils may correction of Unit Weight An Content, ASTM D-4718. It contain oversize particles in ethe limits of ASTM D-4718			performed for accountrol and is of with visual and performed to the performance of the performance of the performed for accountry and performed for accountry accountry and performed for accountry accountry and performed for accountry and performed for ac	cceptance combined		GRAND JUNCTION LINCOLN DeVORE	En	chnical gineers- cologists

Client:	Travis Jordan		Report No:	11					
Project:	Grandview Subdivision, Fil. 5/6				·	Date of Test:	6-11-01		
Location				· · ·		Test By: Bk	ζ		
						GJLD Job No	s: 88692-GJ		
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIF	CICATIONS: P	roject:	City:	X County:	State:	
Test No.	Location of Test			COMPACTION %	COMPAG SPEC. 9		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE
126	SS, Lot 10, Blk 1 @ FSG			99	95	13.6	+-2	115.2@14.7	С
127	SS, Lot 1, Blk 3 @ FSG			97	95	13.8	+-2	115.2@14.7	С
128	SS, Lot 12, Blk 2 @ FSG			96	95	14.1	+-2	115.2@14.7	С
129	MH RD3 @ FSG			95	95	13.3	+-2	115.2@14.7	С
							4		
DISTRIE	BUTION:	KEY: * Fails Compactio	n Spec.	C = Cohesi	ve	GRAND JUNCTION	N LINCOLNDe	VORE, INC.	
1-Client	1-Ute Water	** Fails Moisture	Spec.	NC = NonCo		BY: 614			
1-Subdiv	Env 1-City of GJ	S Standard Proct	tor	ABC = Aggrega	ate Base	FILL DENSITY	TEST DAIL	Y REPORT	
1-Atkins	& Assoc.	M Modified Proc	tor	PR = Pit Run					
locations Lincoln	Results indicate in-place soil densities at the and depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout rea.	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			GRAND JUNCTION LINCOLN DeVORE	En	chnical gineers- ologists

Client	ı: Travis Jordan	: Travis Jordan Report No: 12									
Ргојес	et: Grandview Subdivision, Fil. 5/6				Date of Test:	6-14-01					
Locati	ion:				Test By: Bk	K, LS					
					GJLD Job No	o: 88692-GJ					
TEST TYPE		(ASTM D-1556) SP Sand Cone	PECIFICATIONS: P	roject:	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	С			
131	WS, Lots 1 & 2, Blk 2 @ 2' BSG		96	95	14.0	+-2	115.2@14.7	С			
132	Water main, sta 1+00 @ 2' BSG		97	95	14.3	+-2	115.2@14.7	С			
133	FH, Lots 3 & 4, Blk 1 @ 2' BSG		96	95	14.4	+-2	115.2@14.7	С			
134	WS, Lot 3, Blk 1 @ 2' BSG	96	95	13.8	+-2	115.2@14.7	С				
135	WS, Lot 4, Blk 1 @ 2' BSG	95	95	12.9	+-2	115.2@14.7	С				
136	WS, Lots 3 & 4, Blk 2 @ 2 BSG		99)5	13.4	+-2	115.2@14.7	С			
137	Water main, sta 3+00 @ 2' BSG		95	95	13.8	+-2	115.2@14.7	С			
138	WS, Lots 5 & 6, Blk 1 @ 2' BSG		97	95	12.7	+-2	115.2@14.7	С			
139	WS, Lots 5 & 6, Blk 2 @ 2' BSG		97	95	13.8	+-2	115.2@14.7	С			
140	Water main, sta 5+00 @ 2' BSG		95	95	14.2	+-2	115.2@14.7	С			
141	WS, Lot 7, Blk 1 @ 2' BSG	Ŋ.	95	95	14.6	+-2	115.2@14.7	С			
142	FH, Lots 7 & 8, Blk 1 @ 2' BSG	·	99	95	14.0	+-2	115.2@14.7	_ c			
DISTI	RIBUTION: Page 1 of 2	KEY: * Fails Compaction S	Spec. C = Cohesi		RAND JUNCTION	N LINCOLALDE	YORE, INC.				
1-Clie	ent I-Ute Water	** Fails Moisture Sp	pec. NC = NonCo	hesive B	8 Y:						
1-Sub	div Env 1-City of GJ	S Standard Proctor	ABC = Aggreg	ate Base F	ILL DENSITY	TEST DAIL	Y REPORT				
1-Atk	ins & Assoc.	M Modified Proctor	PR 📻 Pit Rur	, <u> </u>				ĺ			
location Lincol unifor	Results indicate in-place soil densities at the ons and depths identified above. Grand Junction in DeVore has relied on the contractor to provide m mix placement and compactive effort throughout I area.	Nuclear Density Testing of 'pit ru other coarse grained soils may re correction of Unit Weight And V Content, ASTM D-4718. If contain oversize particles in exce the limits of ASTM D-4718	equire performed for an water control and is of soils with visual and po	cceptance		GRAND JUNCTION LINCOLN DeVORE	En	chnical gineers- ologists			

Client:	Travis Jordan					Report No:	12		
Project:	Grandview Subdivision, Fil. 5/6	· · · · · · · · · · · · · · · · · · ·				Date of Test:			
Location	1:					Test By: Bk	K, LS		
						GJLD Job No	o: 88692-GJ		
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECII	FICATIONS: P	roject:	City:	X County:	State:	
Test No.	Location of Test			COMPACTION %	COMPAC SPEC. %		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE
143	WS, Lot 8, Blk 1 @ 2' BSG	10		96	95	15.6	+-2	115.2@14.7	С
144	WS, Lots 7 & 8, Blk 2 @ 2' BSG			95	95	14.3	+-2	115.2@14.7	С
145	Water main, sta 7+00 @ 2' BSG		97	95	12.6	+-2	115.2@14.7	С	
146	146 WS, Lot 9, Blk 2 @ 2' BSG				95	15.1	+-2	115.2@14.7	С
147	147 WS, Lot 9, Blk 1 @ 2' BSG				95	13.9	+-2	115.2@14.7	С
148	WS, Lot 10, Blk 1 @ 2' BSG		Ì	95	95	14.0	+-2	115.2@14.7	С
149	Water main, sta 8+25 @ 2' BSG			95	95	13;2	+-2	L15.2@14.7	С
DISTRIE	BUTION: Page 2 of 2	KEY: * Fails Compacti	ion Spec.	C = Cohesi	ve (GRAND JUNCTION	V LINCOLN Dev	ORF INC	
1-Client	1-Ute Water	** Fails Moistur	•	NC = NonCol		BY:			43
1-Subdiv	Env 1-City of GJ	S Standard Pro	ctor	ABC = Aggrega	ate Base	FILL DENSITY	TEST DAIL	Y REPORT	
I-Atkins	& Assoc.	M Modified Pro	octor	PR = Pit Run					
locations Lincoln uniform	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 other coarse graction of U Content, ASTM contain oversize the limits of AS			performed for ac control and is a with visual and pe	ceptance		GRAND UNCTION INCOLN DeVORE	Eng	chnical gineers- ologists

Client:	Travis Jordan	-					Report No:	13		
Project:	Grandview Subdivision, I	Fil. 5/6					Date of Test:	6-15-01		
Location	:						Test By: Bk	C, LS		
				·			GJLD Job No	o: 88692-GJ		
TEST TYPE:	Nuclear (ASTM 2922) Backscatter	Nuclear (ASTM 2922) Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIF	FICATIONS: P	roject:	City:	X County:	State:	
Test No.	Location of Test				COMPACTION %	COMPA SPEC.		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE
150	Water main, sta 1+50 @	2' BSG		·	97	95	13.8	+-2	115.2@14.7	С
151	Water main, sta 8+50 @	FSG			97	95	15.3	+-2	115.2@14.7	С
152	WS, Lot 10, Blk 1 @ FSG	3			97	95	13.4	+-2	115.2@14.7	С
153	WS, Lot 9,. Blk 1 @ FSG	i		i	97	95	12.8	+-2	115.2@14.7	С
154	WS, Lot 9, Blk 2 @ FSG				98	95	14.4	+-2	115.2@14.7	С
155	WS, Lots 7 & 8, Blk 2 @	FSG			94*	95	8.8**	+-2	115.2@14.7	С
156	Water main, sta 6+50 @	FSG			98	95	12.9	+-2	115.2@14.7	С
157	WS, Lots 5 & 6, Blk 2 @	FSG		İ	99	95	12.7	+-2	115.2@14.7	С
158	WS, Lots 3 & 4, Blk 2 @#	# FSG			98	95	12.9	+-2	115.2@14.7	С
159	Water main, sta 4+50 @	FSG			96	95	13.8	+-2	115.2@14.7	С
160	WS, Lot 4, Blk 1 @ FSG			i	96	95	13.5	+-2	115.2@14.7	С
161	FH, Lots 3 & 4, Blk 1 @ F	SG			99	95	12.9	+-2	115.2@14.7	С
162	WS, Lot 3, Blk 1 @ FSG				95	95	12.7	+-2	115.2@14.7	С
DISTRIE	BUTION:	Page 1 of 2	KEY: * Fails Compacti	on Spec.	C Cohesi	ve	GRAND JUNCTION	N LINCOLN De	VORE, INC.	
I-Client	1-Ute Water		** Fails Moistur	e Spec.	NC = NonCol	hesive	BY:			
1-Subdiv	Env 1-City of GJ		S Standard Pro	ctor	ABC = Aggrega	ate Base	FILL DENSITY	TEST DAIL	Y REPORT	
1-Atkins	& Assoc.		M Modified Pro	ctor	PR = Pit Run					
locations Lincoln l	Results indicate in-place soil and depths identified above. DeVore has relied on the contraint placement and compactives.	Nuclear Density Testing of 'pother coarse grained soils may correction of Unit Weight A Content, ASTM D-4718. contain oversize particles in the limits of ASTM D-4718	ay require nd Water If soils	with visual and pe	ceptance		GRAND UNCTION INCOLN DeVORE	Enį	chnical gineers- ologists	

Client:	Travis Jordan						Report No:	13		
Project:	Grandview Subdivision, F	Fil. 5/6					Date of Test:	6-15-01		
Location	:						Test By: Bk	K, LS		
							GJLD Job No	s: 88692-GJ		
TEST TYPE:	Nuclear (ASTM 2922) Backscatter	Nuclear (ASTM 2922) Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIF	ICATIONS: P	roject:	City:	X County:	State:	
Test No.	Location of Test				COMPACTION %	COMPA SPEC. 9		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE
163	Water main, sta 2+50 @	FSG			99	95	13.4	+-2	115.2@14.7	С
164	Water main, sta 0+50 @	FSG			97	95	13.3	+-2	115.2@14.7	С
165	WS, Lots 1 & 2, Blk 2 @	FSG			99	95	13.5	+-2	115.2@14.7	С
166	WS, Lots 1 & 2, Blk 1 @	FSG			96	95	13.0	+-2	115.2@14.7	С
167	FH, Lots 7 & 8, Blk 1 @ F	FSG			96	95	12.8	+-2	115.2@14.7	С
168	WS, Lots 5 & 6, Blk 1 @	FSG			96	95	13.9	+-2	115.2@14.7	С
169	WS, Lot 8, Blk @ Ft G				98	95	13.1	+-2	115.2@14.7	С
170	WS, Lot 7, Blk 1 @ FSG				97	95	13.3	+-2	i15.2@14.7	С
155A	RETEST				97	95	13.7	+-2	115.2@14.7	С
				i						
			72				:			
DISTRI	BUTION:	Page 2 of 2	KEY: * Fails Compact	tion Spec.	C = Cohesi	ive	GRAND JUNCTIO	N LINCOLN DE	YORE, INC.	<u> </u>
1-Client	1-Ute Water		** Fails Moistu	re Spec.	NC = NonCo	hesive	BY:		The same	
1-Subdi	v Env 1-City of GJ		S Standard Pro	octor	ABC = Aggreg	ate Base	FILL DENSITY	TEST DAIL	Y REPORT	
1-Atkins	& Assoc.		M Modified Pr	roctor	PR = Pit Rur	1				
location Lincoln uniform	IOTE: Results indicate in-place soil densities at the ocations and depths identified above. Grand Junction incoln DeVore has relied on the contractor to provide niform mix placement and compactive effort throughout he 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		e performed for acceptance r control and is combined s with visual and penetration			GRAND JUNCTION LINCOLN DeVORE	En	echnical gineers- cologists

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 Nuclear (ASTM 2922 2922) Backscatter Direct Trans. X) (ASTM D-1556) Sand Cone	SPECIFI	CATIONS: PI	roject:	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 @ FS	G		95	95	15.8	+-2	115.2@14.7	С
172	Water main, sta 1+00, Fil. 6 @ 2' BSG			95	95	15.2	+-2	115.2@14.7	С
173	WS, Lot 1, Blk 1, Fil. 6 @ 2' BSG			96	95	14.5	+-2	115.2@14.7	С
174	FH, Lots 2 & 1, Blk 1, Fil. 6 @ 2' BSG			98	95	15.8	+-2	115.2@14.7	С
175	WS, Lot 2, Blk 1, Fil. 6 @ 2' BSDG			99	95	13.0	+-2	115.2@14.7	С
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		ļ	95	95	14.3	+-2	115.2@14.7	С
178	WS, Lots 4 & 3, Blk 2, Fil. 6 @ 2' BSG			95	95	13.0	+-2	115.2@14.7	С
179	WS, Lots 4 & 3, Blk 1, Fil. 6 @ 2' BSG			96	95	14.0	+-2	115.2@14.7	С
180	WS, Lots 6 & 5, Blk 2, Fil. 6 @ 2' BSG			97	95	13.4	+-2	115.2@14.7	С
181	WS & FH, Lots 6 & 7, Blk 1, Fil. 6 @ 2' BSG			95	95	12.9	+-2	115.2@14.7	С
182	Water main, sta 5+00, Fil. 6 @ 2' BSG	*		99	95	14.4	+-2	115.2@14.7	С
DISTRI	BUTION:	KEY: * Fails Compact ** Fails Moistur	•	C = Cohesi	157	GRAND JUNCTIO	N LINCOLN De	VORE, INC.	
1-Subdi	v Env 1-City of GJ	S Standard Pro	octor	ABC = Aggreg	ate Base F	ILL DENSITY	TEST DAIL	Y REPORT	
1-Atkin	s & Assoc.	M Modified Pro	octor	PR = Pit Run					
location	Results indicate in-place soil densities at the ons and depths identified above. Grand Junction of DeVore has relied on the contractor to provide m mix placement and compactive effort throughout l area. Nuclear Density Testing of 'pit run' or other coarse grained soils may require correction of Unit Weight And Water Control and is combined with visual and penetration methods. ORAND JUNCTION LINCOLN DeVORE		En	echnical ngineers- cologists					

Client;	Travis Jordan						Report No:	15		
Project:	Grandview Subdivision, Fil. 5/6						Date of Test:	6-20-01		<u> </u>
Location	E.						Test By: JS	i, LS		
							GJLD Job No	o: 88692-GJ		
TEST TYPE:	Nuclear (ASTM Nuclear (A 2922) Backscatter Direct Tra	STM 2922) ns. X	(ASTM D-1556) Sand Cone	SPECIF	FICATIONS: P	roject:	City:	X County:	State:	
Test No.	Location of Test				COMPACTION %	COMPA SPEC. 9		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE
183	Water main, sta 0+50 @ FSG	-			95	95	13.4	+-2	115.2@14.7	С
184	WS, Lot 1, Blk 1 @ FSG				95	95	13,4	+-2	115.2@14.7	С
185	FH, Lots 1 & 2, Blk 1 @ FSG				94*	95	10.5**	+-2	115.2@14.7	С
186	WS, Lot 2, Blk 1 @ FSG				96	95	8.7**	+-2	115.2@14.7	С
187	WS, Lots 1 & 2, Blk 2 @ FSG				97	95	13.8	+-2	115.2@14.7	С
188	WS, Lots 3 & 4, Blk 2 @ FSG				96	95	14,3	+-2	115.2@14.7	С
189	WS, Lots 3 & 4, Blk 1 @ FSG				95	95	12.8	+-2	115.2@14.7	С
190	Water main, sta 2+50 @ FSG				96	95	14,4	+-2	115.2@14 7	С
191	WS, Lots 5 & 6, Blk 2 @ FSG				96	95	13.9	+-2	115.2@14.7	С
192	Water main, sta 6+50 @ FSG				96	95	13,8	+-2	115.2@14.7	С
193	WS, Lots 5 & 6, Blk 1 @ 2' BSG				95	95	11,4**	+-2	115.2@14.7	С
194	WS, Lots 7 & 8, Blk 2 @ 2' BSG		20		95	95	16.1	+-2	115.2@14.7	С
195	Water main, sta 8+50 @ 2' BSG				97	95	13.6	+-2	115.2@14.7	С
DISTRIE	BUTION: Pa	ge 1 of 3	KEY: * Fails Compacti	on Spec.	C = Cohesi	ve	GRAND JUNCTION	V LINCOLN De	VORE, INC.	
1-Client	1-Ute Water		** Fails Moistur	e Spec.	NC NonCol	hesive	BY:			
1-Subdiv	Env 1-City of GJ		S Standard Proc	ctor	ABC = Aggrega	ate Base	FILL DENSITY	TEST DAIL	Y REPORT	
1-Atkins	& Assoc.		M Modified Pro	ctor	PR = Pit Run					
locations Lincoln	Results indicate in-place soil densities at and depths identified above. Grand Junct DeVore has relied on the contractor to provinix placement and compactive effort throuses.	ion ride	Nuclear Density Testing of 'p other coarse grained soils ma correction of Unit Weight A Content, ASTM D-4718. contain oversize particles in the limits of ASTM D-4718	ay require nd Water If soils	performed for ac control and is o with visual and pe	combined		GRAND UNCTION LINCOLN DeVORE	Enį	chnical gineers- ologists

Client:	Travis Jordan						Report No:	15		
Project:	Grandview Subdivision, Fi	il. 5/6					Date of Test:	6-20-01		
Location	:						Test By: JS	, LS		
							GJLD Job No	s: 88692-GJ		
TEST TYPE:	Nuclear (ASTM 2922) Backscatter	Nuclear (ASTM 2922) Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIF	FICATIONS: P	roject:	City:	X County:	State:	
Test No.	Location of Test				COMPACTION %	COMPA SPEC.		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE
196	WS, Lot 9, Blk 1 @ 2' BS0	3			97	95	14.6	+-2	115.2@14.7	С
197	FH, Lot 9 & 10, Blk 1 @ 2	BSG			97	95	14.9	+-2	115.2@14.7	С
198	WS, Lot 10, Blk 1 @ 2' BS	6G			98	95	14.8	+-2	115.2@14.7	С
199	Water main, sta 10+50 @	2' BSG			99	95	13.1	+-2	115.2@14.7	С
200	WS, Lots 9 & 10, Blk 2 @	2' BSG			98	95	15.5	+-2	115.2@14.7	С
201	WS, Lot 11, Bik 1 @ 2' BS	SG .			95	95	12.9	+-2	115.2@14.7	С
202	WS, Lots 11 & 12, Blk 2 @) 2' BSG			96	95	14.1	+-2	115.2@14.7	С
203	Water main, sta 11+25 @	2' BSG			96	95	14.0	+-2	115.2@14.7	С
204	Water main, Cortland Ave.	., E end @ 2' BSG			99	95	14.7	+-2	115.2@14.7	С
205	Water main, Cortland Ave.	., W end @ 2' BSG		i	100	95	14.4	+-2	115.2@14.7	С
185A	RETEST				96	95	13.2	+-2	115.2@14.7	С
186A	RETEST				100	95	12.9	+-2	115.2@14.7	С
206	WS, Lots 5 & 6, Blk 2 @ F	SG			100	95	14.4	+-2	115.2@14.7	С
DISTRI	BUTION:	Page 2 of 3	KEY: * Fails Compacti	ion Spec.	C = Cohesis	ve	GRAND JUNCTION	N LINEOL N-De	YORE, INC.	
1-Client	1-Ute Water		** Fails Moistur	e Spec.	NC = NonCol	hesive	BY:			
1-Subdiv	Env 1-City of GJ		S Standard Pro	ctor	ABC = Aggrega	ate Base	FILL DENSITY	TEST DAIL	Y REPORT	
1-Atkins	& Assoc.		M Modified Pro	octor	PR = Pit Run					
locations Lincoln	Results indicate in-place soil of and depths identified above. One of the contraction of	Grand Junction actor to provide	Nuclear Density Testing of 'pother coarse grained soils may correction of Unit Weight A Content, ASTM D-4718. contain oversize particles in the limits of ASTM D-4718	ay require and Water If soils	control and is c	ceptance combined		GRAND UNCTION LINCOLN DeVORE	Eng	chnical gincers- ologists

ient:	Travis Jordan					Report No:	15		
Project:	Grandview Subdivision, Fil. 5/6					Date of Test:	6-20-01		
Location	1:					Test By: JS	5, LS		
						GJLD Job No	o: 88692-GJ		
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIF	FICATIONS: P	roject:	City:	X County:	State:	
Test No.	Location of Test			COMPACTION %	COMP. SPEC.		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE
207	WS, Lot 5, Blk 1 @ FSG			96	95	12.9	+-2	115.2@14.7	С
208	FH, Lots 5 & 6, Blk 1 @ FSG			96	95	13.4	+-2	115.2@14.7	С
209	WS, Lot 6, Blk 1 @ FSG			97	95	15.0	+-2	115.2@14.7	С
210	Water main, sta 4+50 @ FSG		İ	97	95	12.9	+-2	115.2@14.7	С
211	WS, Lots 7 & 8, Blk 2 @ FSG			95	95	12.8	+-2	115.2@14.7	С
212	Water main, sta 6+50 @ FSG			95	95	12.7	2	115.2@14.7	С
213	WS, Lots 7 & 8, Blk 2 @ 2' BSG			97	95	12.8	-2	115.2@14.7	С
DISTRIB	SUTION: Page 3 of 3	KEY: * Fails Compaction	on Spec.	C = Cohesiv	ve	GRAND JUNCTION	V LINCOL N De V	ORE, INC.	
1-Client	1-Ute Water	** Fails Moisture	e Spec.	NC = NonCol	nesive	BY:			
1-Subdiv	Env 1-City of GJ	S Standard Proc	ctor	ABC = Aggrega	te Base	FILL DENSITY	TEST DAILY	Y REPORT	
I-Atkins	& Assoc.	M Modified Pro	ctor	PR = Pit Run					
locations Lincoln I	Results indicate in-place soil densities at the and depths identified above. Grand Junction DeVore has relied on the contractor to provide nix placement and compactive effort throughout ea.	Nuclear Density Testing of 'p other coarse grained soils ma correction of Unit Weight Ar Content, ASTM D-4718. I contain oversize particles in of the limits of ASTM D-4718	y require nd Water If soils	Nuclear Density T performed for accontrol and is control and permethods.	ceptance ombined		GRAND UNCTION INCOLN DeVORE		chnical incers- plogists

Client;	Travis Jordan						Report No:	16		
Project:	Grandview Subdivision, Fi	1. 5/6	=				Date of Test:	·	100	
Location	ı:		· · · · · · · · · · · · · · · · · · ·				Test By: JS		-	
								o: 88692-GJ		
TEST TYPE:	Nuclear (ASTM 2922) Backscatter	Nuclear (ASTM 2922) Direct Trans. X	(ASTM D-1556) Sand Cone	SPECI	FICATIONS: P	Project:	City:	X County:	State:	
Test No.	Location of Test				COMPACTION %	COMPA SPEC. 9		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE
180A	RETEST	-			98	95	14.5	+-2	115.2@14.7	С
214	WS, Lots 7 & 8, Blk 1 @ F	SG			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	С
216	WS, Lots 9 & 10, Blk 2 @	FSG			97	95	13.5	+-2	115.2@14.7	С
217	WS, Lot 9, Blk 1 @ FSG				95	95	15.6	+-2	115.2@14.7	С
218	FH, Lots 9 & 10, Blk 1 @ F	sg			97	95	12.5	+-2	115.2@14.7	С
219	WS, Lot 10, Blk 1@ FSG				97	95	14.4	+-2	115.2@14.7	С
220	Water main, sta 10+00 @	FSG			95	95	15.0	+-2	115.2@14.7	С
221	WS, Lots 11 & 12, Blk 2 @	FSG			98	95	13.8	+-2	115.2@14.7	С
222	WS, Lot 11, Blk 1 @ FSG				98	95	14.7	+-2	I 15.2@14.7	С
223	WS, Lot 13, Blk 2 @ 2' BS	G		ļ	98	95	14.3	+-2	115.2@14.7	С
224	WS, Lot 13, Blk 2 @ FSG			l	97	95	13.3	+-2	115.2@14.7	С
225	WS, Lot 12, Blk 1 @ 2' BS	<u> </u>			95	95	12.8	+-2	115.2@14.7	С
DISTRIE	SUTION:	Page 1 of 2	KEY: * Fails Compacti	ion Spec.	C = Cohesi	ive	GRAND JUNCTIO	N LINCOLN De		
1-Client	1-Ute Water		** Fails Moistur	e Spec.	NC = NonCo	hesive	BY:			
1-Subdiv	Env 1-City of GJ		S Standard Pro	ctor	ABC = Aggreg	ate Base	FILL DENSITY			
1-Atkins	& Assoc.		M Modified Pro	octor	PR = Pit Run					
locations Lincoln I uniform	ocations and depths identified above. Grand Junction incoln DeVore has relied on the contractor to provide niform mix placement and compactive effort throughout contain overs contain overs		Nuclear Density Testing of 'a other coarse grained soils ma correction of Unit Weight A Content, ASTM D-4718. contain oversize particles in the limits of ASTM D-4718	ay require and Water If soils	with visual and pe	cceptance		GRAND FUNCTION LINCOLN DeVORE	Eng	chnical gineers- ologists

Client:	Travis Jordan					Report No:	16		
Project:	Grandview Subdivision, Fil. 5/8					Date of Test:	6-21-01		
Location	u:					Test By: JS	, LS		
						GJLD Job No	e: 88692-GJ		
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIF	FICATIONS: P	roject:	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	С
227	FH, Lots 6 & 7, Blk 1 @ 2' BSG			99	95	14.2	+-2	115.2@14.7	С
228	Water main, Cortland Ave., E side @ FSG			95	95	13.9	+-2	115.2@14.7	С
229	Water main, Cortland Ave., W side @ FSG			97	95	14.4	+-2	115.2@14.7	С
							,		
DISTRIE	BUTION: Page 2 of 2	KEY: * Fails Compacti	ion Spec.	C = Cohesi		RAND JUNCTIO	N LINCOLATO	VORE, INC.	
I-Client	1-Ute Water	** Fails Moistur	e Spec.	NC = NonCo	hesive B				
1-Subdiv	Env 1-City of GJ	S Standard Pro	ctor	ABC = Aggrega	ate Base F	ILL DENSITY	TEST DAIL	Y REPORT	
1-Atkins	& Assoc.	M Modified Pro	octor	PR = Pit Run					
locations Lincoln I	Results indicate in-place soil densities at the and depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout rea.	Nuclear Density Testing of 'p other coarse grained soils ma correction of Unit Weight A Content, ASTM D-4718. contain oversize particles in the limits of ASTM D-4718	ay require and Water If soils excess of	performed for ac control and is o with visual and pe	ceptance combined		GRAND JUNCTION LINCOLN DeVORE	En	chnical gineers- ologists

Client:	Travis Jordan			Report No:	17	· · · · · · · · · · · · · · · · · · ·			
Project:	Grandview Subdivision, Fil. 5/6	4				Date of Test:	7-9-01		
Location	1:					Test By: LS			
						GJLD Job No	o: 88692-GJ	· · · · · · · · · · · · · · · · · · ·	
TEST TYPE:	Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECII	FICATIONS: P	roject:	City:	X County:	State:	÷.
Test No.	Location of Test			COMPACTION %	COMPAC SPEC. %		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE
230	SS, Lot 6, Blk 2 @ FSG		55	100	95	12.8	+-2	115.2@14.7	С
231	SS, Lot 10., Bik 1 @ 2' BSG			100	95	14.5	÷-2	115.2@14.7	С
			:	-					
	• •				-	64		-	
		·							
1-Client	BUTION: 1-Ute Water Env 1-City of GJ & Assoc.	KEY: * Fails Compacti ** Fails Moistur S Standard Pro M Modified Pro	e Spec.	C = Cohesi NC = NonCo ABC = Aggrego PR = Pit Run	hesive 1	GRAND JUNCTION BY: FILL DENSITY	<u> </u>		
locations Lincoln	Results indicate in-place soil densities at the and depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout rea.	Nuclear Density Testing of other coarse grained soils me correction of Unit Weight A Content, ASTM D-4718. contain oversize particles in the limits of ASTM D-4718	pit run' or ay require and Water If soils	Nuclear Density 1 performed for ac control and is c with visual and re	l'esting is eceptance combined		GRAND UNCTION LINCOLN DeVORE		chnical pincers- plogists

Client:	Travis Jordan					Report No:	18		<u> </u>
Project:	Grandview Subdivision, Fil. 5/6					Date of Test:	7-10-01	<u> </u>	· · ·
Location	r.					Test By: LS			<u> </u>
						GJLD Job No	o: 88692-GJ		
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECI	FICATIONS: Pr	roject:	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	С
233	Sewer main, E of existing @ 2' BSG			99	95	13.3	+-2	115.2@14.7	С
234	SS, Lot 1, Blk 4 @ FSG			97	95	13.6	+-2	115.2@14.7	С
235	SS, Lot 1, Blk 3 @ 2' BSG			96	95	13.4	+-2	115.2@14.7	С

DISTRIB	BUTION: 1-Ute Water	KEY: * Fails Compacti	·	C = Cohesiv	1758	AND JUNCTION	LINCOLN D	ORE, INC.	_
1-Subdiv	Env 1-City of GJ & Assoc.	S Standard Pro M Modified Pro		ABC = Aggrega		L DENSITY	TEST DAILY	REPORT	
locations Lincoln I	Results indicate in-place soil densities at the and depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout ea.	Nuclear Density Testing of 'pother coarse grained soils may correction of Unit Weight A Content, ASTM D-4718. contain oversize particles in the limits of ASTM D-4718	ay require nd Water If soils	Nuclear Density Toperformed for accountrol and is convitational and per with visual and per	esting is ceptance ombined	J	RAND UNCTION INCOLN WORE		hnical ineers- logists

Client:	Travis Jordan		Report No:	19							
Project:	Grandview Subdivision, Fil. 5/6					Date of Test:	7-11-01	-			
Location	:					Test By: LS	Test By: LS				
						GJLD Job No	GJLD Job No: 88692-GJ				
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIF	FICATIONS: P	roject:	City:	X County:	State:			
Test No.	Location of Test			COMPACTION %	COMPA SPEC. 9		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE		
236	Sewer MH CA2 @ FSG			98	95	13.7	+-2	115.2@14.7	С		
DISTRII	BUTION:	KEY: * Fails Compact	-	C = Cohesi	ive hesive	GRAND JUNCTION	N LINCOLN De	VORE, INC.			
1-Subdiv	Env 1-City of GJ	S Standard Pro	octor	ABC = Aggreg	ate Base	FILL DENSITY	TEST DAIL	Y REPORT			
1-Atkins	& Assoc.	M Modified Pr	octor	PR = Pit Run	,						
locations Lincoln	Results indicate in-place soil densities at the and depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout rea.	Nuclear Density Testing of other coarse grained soils me correction of Unit Weight A Content, ASTM D-4718. contain oversize particles in the limits of ASTM D-4718	hay require And Water If soils a excess of	performed for a control and is with visual and pe	cceptance combined		GRAND JUNCTION LINCOLN DeVORE	En	chnical gineers- ologists		

Client:	Travis Jordan			15		Report No:	20		
Project:	Grandview Subdivision, Fil. 5/6					Date of Test:			
Location	:	+1	-			Test By: LS			
						GJLD Job No: 88692-GJ			
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIF	CATIONS: P	roject:	City: X County:		State:	
Test No.	Location of Test			COMPACTION %	COMPAC SPEC. %		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE
237	Sewer main between existing & MH TD1 @ FS	SG .		95			+-2	115.2@14.7	С
238	Sewer MH, existing on Ridge Dr @ FSG			99	95	13.3	+-2	115.2@14.7	С
DIOTE I				ē3					
	BUTION:	KEY: * Fails Compaction	-	C = Cohesi	ve (GRAND JUNCTION	N LINCOLN BE	VORE, INC.	
1-Client		** Fails Moisture	-	NC = NonCo	hesive [BY:	AM.		2
1-Subdiv	liv Env 1-City of GJ S Standard Proctor			ABC = Aggrega	ate Base	FILL DENSITY	TEST DAIL	Y REPORT	ļ
1-Atkins	kins & Assoc. M Modified Proctor			PR = Pit Run					<u></u>
locations Lincoln l	Results indicate in-place soil densities at the and depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout rea.	Nuclear Density Testing of 'pi other coarse grained soils may correction of Unit Weight An Content, ASTM D-4718. It contain oversize particles in e the limits of ASTM D-4718	y require id Water f soils	with visual and pe	ceptance		GRAND IUNCTION LINCOLN DeVORE	En	chnical gineers- ologists

Client:	Elarn Construction				Report No:	1			
Project:	Grandview Subdivision, Fil. 5/6	(4)				Date of Test:	7-6-01		
Location	:					Test By: Bk	K, LS		
						GJLD Job No	o: 88779-GJ	·	
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIF	ICATIONS: P	roject:	City:	County: 2	X State:	
Test No.	Location of Test			COMPACTION %	COMPAC SPEC. %		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE
1	Sidewalk, Tamarron Dr., W, sta 0+50 @ FSG			100	95	13.1	+-2	115.2@14.7	С
2	Street, Tamarron Dr., sta 0+50 @ FSG			95	95	13.5	+-2	115.2@14.7	С
3	Sidewalk, Tamarron Dr., E, sta 0+50 @ FSG		=	98	95	13.6	+-2	115.2@14.7	С
4	Street, Tamarron Dr., sta 1+50 @ FSG			98	95	13.1	+-2	115.2@14.7	С
5	Sidewalk, Tamarron Dr., W, sta 2+50 @ FSG			100	95	13.6	+-2	115.2@14.7	С
6	Sidewalk, Tamarron Dr., E, sta 2+50 @ FSG			96	95	13.3	+-2	115 2@14.7	С
7	Street, Tamarron Dr., sta 2+50 @ FSG			100	95	13,4	+-2	11 - 2@14 7	С
8	Sidewalk, Tamarron Dr., sta 4+50 @ FSG		!	95	95	13,4	+-2	115.2@14.	С
	. 8					89	0)		
ű.					-				
DISTRI	BUTION:	KEY: * Fails Compac	tion Spec.	C = Cohesi	ve (GRAND JUNCTIO	N LINCOLN-De	VORE, INC.	
1-Client	I-Ute Water	** Fails Moistu	ire Spec.	NC = NonCo	hesive I	08 3Y:			
1-Subdi	v Env I-Mesa Co	S Standard Pro	octor	ABC = Aggreg	ate Base	FILL DENSITY	TEST DAIL	Y REPORT	-
1-LANE	Design	M Modified Pr	roctor	PR = Pit Run		. 18		T:	
location Lincoln	Results indicate in-place soil densities at the sand depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout trea.	Nuclear Density Testing of other coarse grained soils n correction of Unit Weight Content, ASTM D-4718. contain oversize particles it the limits of ASTM D-4718	nay require And Water If soils n excess of	performed for ac control and is with visual and pe	combined		GRAND JUNCTION LINCOLN DeVORE	En	chnical gineers- cologists

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	o: 88779-GJ			
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIF	TCATIONS: P	roject:	City:	County: 2	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	С	
10	Sidewalk, Tamarron Dr., sta 4+50 @ FSG			100	95	14.2	+-2	115.2@14.7	С	
11	Street, Tamarron Dr., sta 4+50 @ FSG			95	95	13.3	- +-2	115.2@14.7	С	
12	Street, Tamarron Dr., sta 5+50 @ FSG			95	95	13.2	+-2	115.2@14.7	С	
13	Sidewalk, Tamarron Dr., sta 6+50 @ FSG			96	95	13.7	+-2	115.2@14.7	С	
14	Street, Tamarron Dr., sta 6+50 @ FSG			99	95	14.4	+-2	115.2@14.7	С	
15	Sidewalk, Tamarron Dr., sta 6+50 @ FSG			99	95	14.0	+-2	115.2@14.7	С	
16	Street, Tamarron Dr., sta 7+50 @ FSG			99	95	14.7	+-2	115.2@14.7	С	
. 17	Sidewalk, Tamarron Dr., sta 8+50 @ FSG			95	95	14.2	+-2	115.2@14.7	С	
18	Street, Tamarron Dr., sta 8+50 @ FSG			95	95	13.5	+-2	115.2@14.7	С	
19	Sidewalk, Tamarron Dr., sta 8+50 @ FSG			97	95	14.5	+-2	115.2@14.7	С	
			08			No.	. '			
DISTRIE	BUTION:	KEY: * Fails Compacti	ion Spec.	C = Cohesi	ve S	RAND JUNCTION	N LINCOLN De	YORE INC.		
1-Client	1-Ute Water	** Fails Moistur	e Spec.	NC = NonCo	101	13				
1-Subdiv	Env 1-Mesa Co	S Standard Pro	ctor	ABC = Aggrega	ate Base F	LL DENSITY	TEST DAIL	Y REPORT		
I-LAND	esign	M Modified Pro	octor	PR = Pit Run	.					
locations Lincoln	Results indicate in-place soil densities at the sand depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout rea.	Nuclear Density Testing of 's other coarse grained soils me correction of Unit Weight A Content, ASTM D-4718. contain oversize particles in the limits of ASTM D-4718	ay require and Water If soils	performed for accountrol and is of with visual and pe	cceptance combined		GRAND IUNCTION LINCOLN DeVORE	En,	chnical gineers	

Client:	Elam Construction					Report No:	3	Report No: 3				
Project:	Grandview Subdivision, Fil. 5/6	4				Date of Test:	7-10-01					
Location	:			<u> </u>		Test By: Rl	-					
				GJLD Job No: 88779-GJ								
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIF	ICATIONS: P	roject:	City:	County: 2	X State:				
Test No.	Location of Test			COMPACTION %	COMPAG SPEC. 9		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	С			
21	Street, Tamarron Dr., W side, sta 10+00 @ FS	G		95	95	15.0	+-2	115.2@14.7	С			
22	Street, Tamarron Dr., W side, sta 11+00 @ FS		96	95	14.0	+-2	115.2@14.7	С				
23	Sidewalk, Ridge Dr., sta 7+50 @ FSG		97	95	14.0	+-2	115.2@14.7	С				
24	Sidewalk, Ridge Dr., sta 6+25 @ FSG		99	95	13.3	+-2	115.2@14.7	С				
25	Street, Ridge Dr., sta 6+25 @ FSG		100	95	13.9	+-2	115.2@14.7	С				
26	Sidewalk, Tamarron Dr., sta 12+00 @ FSG			95	95	15.3	+-2	115.2@14.7	С			
27	Street, Tamarron Dr., W side, sta 12+00 @ FS	G		97	95	14.3	+-2	115.2@14.7	С			
	(#)						·					
		· · · · · · · · · · · · · · · · · · ·										
DISTRII	BUTION: I-Ute Water	KEY: * Fails Compaction Spec. C = Cohesive ** Fails Moisture Spec. NC = NonCohesive			GRAND JUNCTION LINCOLADEVORE, INC. BY:							
1-Subdi	v Env 1-Mesa Co	S Standard Pro	octor	ABC = Aggrega	ate Base	FILL DENSITY TEST DAILY REPORT						
I-LAND	esign	M Modified Pr	octor	PR = Pit Run		ă	8					
locations Lincoln	Results indicate in-place soil densities at the sand depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout rea.	Nuclear Density Testing of other coarse grained soils m correction of Unit Weight / Content, ASTM D-4718. contain oversize particles in the limits of ASTM D-4718	nay require And Water If soils a excess of	performed for ac control and is a with visual and pe	cceptance		GRAND IUNCTION LINCOLN DeVORE	En	chnical gincers- cologists			

Client:	Elam Construction					Report No: 4				
Project:	Grandview Subdivision, Fil. 5/6					Date of Test:	7-11-01			
Location	10			Test By: LS						
						GJLD Job No	GJLD Job No: 88779-GJ			
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIF	FICATIONS: PI	roject:	City:	County: 2	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	С	
29	Street, Cortland, sta 4+50 @ FSG			100	95	13.7	+-2	115.2@14.7	С	
30	Street, Cortland, sta 5+50 @ FSG			100	95	14.8	+-2	115.2@14.7	С	
31	Street, Cortland, sta 6+50 @ FSG			98	95	15.0	+-2	115.2@14.7	С	
32	Sidewalk, Cortland, sta 6+50 @ FSG			100	95	12.8	+-2	115.2@14.7	С	
33	Street, Tamarron Dr., sta 15+00 @ FSG		100	95	14.3	+-2	1!5.2@14.7	С		
34	Sidewalk, Tamarron Dr., sta 14+00 @ FSG			99	95	13.1	+-2	115.2@14.7	С	
35	Street, Tamarron Dr., sta 14+00 @ FSG			100	95	13.7	+-2	115.2@14.7	С	
36	Sidewalk, Tamarron Dr., sta 14+00 @ FSG			98	95	13.3	+-2	115.2@14.7	С	
37	Street, Tamarron Dr., sta 13+00 @ FSG			96	95	14.5	+-2	115.2@14.7	С	
38	Sidewalk, Tamarron Dr., E side, sta 12+00 @	FSG		98	95	14.5	+-2	115.2@14.7	С	
39	Sidewalk, Tamarron Dr., S side, sta 10+00 @	FSG		95	95	15.1	+-2	115.2@14.7	С	
40	Sidewalk, Tamarron Dr., W side, sta 16+00 @	FSG		97	95	13.0	+-2	115.2@14.7	С	
DISTRI	BUTION: Page 1 of 2	KEY: * Fails Compact	ion Spec.	C = Cohesi	ve S	RAND JUNCTIO	N LINCOLN De	YORE, INC.		
1-Client	1-Ute Water	** Fails Moistur	re Spec.	NC = NonCo						
1-Subdi	v Env 1-Mesa Co	S Standard Pro	ctor	ABC = Aggrega	ate Base F	ILL DENSITY	TEST DAIL	Y REPORT		
I-LANI	Design	M Modified Pro	octor	PR = Pit Run	1					
location Lincoln	Results indicate in-place soil densities at the s and depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout area.	Nuclear Density Testing of other coarse grained soils me correction of Unit Weight A Content, ASTM D-4718. contain oversize particles in the limits of ASTM D-4718	ay require and Water of soils excess of	e performed for ac control and is a with visual and po	combined		GRAND JUNCTION LINCOLN DeVORE	En	chnical gincers- ologists	

nent:	Elam Construction	Elam Construction									
Project:		22 NOT SHOWED			-	Report No: Date of Test:	7-11-01				
Location						Test By: LS					
							s: 88779-GJ				
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIF	FICATIONS: P	roject;	City:	County:	X State:			
Test No.	Location of Test			COMPACTION %	COMPAC SPEC. %		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE		
41	Street, Tamarron Dr., sta 16+00 @ FSG			100	95	12.7	+-2	115.2@14.7	С		
42	Street, Tamarron Dr., sta 17+00 @ FSG			100	95	12.9	+-2	115.2@14.7	С		
43	Sidewalk, Tamarron Dr., W side, sta 18+00 @	FSG	1	97	95	12.7	+-2	115.2@14.7	С		
44	Street, Tamarron Dr., sta 18+00 @ FSG		100	95	13.9	+-2	115.2@14.7	С			
45	Street, Tamarron Dr., sta 19+00 @ FSG		95	95	13.2	+-2	115.2@14.7	С			
46	Sidewalk, Tamarron Dr., S side, sta 16+00 @	FSG		100	95	13.5	+-2	115.2@14.7	С		
47	Sidewalk, Tamarron Dr., S side, sta 18+00 @	FŚG	ļ	96	95	143.5	+-2	115.2@14.7	С		
DISTRI	BUTION: Page 2 of 2	VEV. * Pails Comment	tion Count					-2			
	2	KEY: * Fails Compact	•	C = Cohesi		GRAND JUNCTION	NLINCOLNDE	VORE, INC.			
1-Client		** Fails Moistu	•	NC = NonCol	-	SY:					
		S Standard Pro		ABC = Aggrega	1	FILL DENSITY	TEST DAIL	Y REPORT			
1-LAND		M Modified Pr		PR = Pit Run	Sh W//Chiese						
location: Lincoln	Results indicate in-place soil densities at the s and depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout area.	Nuclear Density Testing of other coarse grained soils me correction of Unit Weight A Content, ASTM D-4718. contain oversize particles in the limits of ASTM D-4718	nay require And Water If soils a excess of	performed for accountrol and is control and is control and is control and performed to the control of the contr	combined		GRAND JUNCTION LINCOLN DeVORE	Eng	chnical gineers- ologists		

												
Client:	Elam Construction	7.0				Report No:	5					
Project:	Grandview Subdivision, Fil. 5/6	·		<u> </u>		Date of Test:	7-12-01					
Location	:	 				Test By: LS	Test By: LS					
						GJLD Job No	: 88776-GJ	_				
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECII	FICATIONS: P	roject:	City:	County: 2	X State:				
Test No.	Location of Test			COMPACTION %	COMPAC SPEC. %		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE			
48	Sidewalk, Tamarron, sta 20+00 @ FSG			100	95	13.6	+-2	115.2@14.7	С			
49	Street, Tamarron, sta 20+00 @ FSG			96	95	13.5	+-2	115.2@14.7	С			
50	Sidewalk, Tamarron, sta 20+00 @ FSG			97	95	13.9	+-2	115.2@14.7	С			
51	Street, Tamarron, sta 20+50 @ FSG			95	95	12.8	+-2	115.2@14.7	С			
52	Sidewalk, Ridge Dr., sta 6+00 @ FSG			99	95	13.3	+-2	115.2@14.7	С			
53	Street, Ridge Dr., sta 7+00 @ FSG			100	95	13.5	+-2	115.2@14.7	С			
54	Sidewalk, Ridge Dr., sta 7+50 @ FSG			95	95	13.0	+-2	115.2@14.7	С			
55	Street, Ridge Dr., sta 7+50 @ FSG			99	95	13.1	+-2	115.2@14.7	С			
DISTRIE	BUTION:	KEY: * Fails Compaction	on Spec.	C = Cohesi	ve	GRAND JUNCTION	N LINCOLN De	YORE, INC.				
1-Client	1-Ute Water	** Fails Moisture	e Spec.	NC = NonCo		BY:						
1-Subdiv	Env 1-Mesa Co	S Standard Proc	ctor	ABC = Aggrega	ate Base	FILL DENSITY	TEST DAIL	Y REPORT	Ţ.			
1-LAND	esign	M Modified Pro	ctor	PR = Pit Run	l l							
locations Lincoln l	Results indicate in-place soil densities at the and depths identified above. Grand Junction De Vore has relied on the contractor to provide mix placement and compactive effort throughout rea.	Nuclear Density Testing of 'p other coarse grained soils ma correction of Unit Weight At Content, ASTM D-4718. I contain oversize particles in the limits of ASTM D-4718	y require nd Water If soils	performed for accountrol and is of with visual and pe	ceptance		GRAND IUNCTION LINCOLN DeVORE	En	chnical gineers- cologists			

				7.5					
Client:	Elam Construction		N.		•	Report No:	6		
Project:	Grandview Subdivision, Fil. 5/6					Date of Test: 7-18-01			
Location	:			·		Test By: RL			
	=					GJLD Job No	s: 88776-GJ		
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIF	FICATIONS: PI	roject:	City:	County: 2	C State:	
Test No.	Location of Test		246	COMPACTION %	COMPAC SPEC. %		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
					:				
DISTRI	BUTION:	KEY: * Fails Compact	tion Spec.	. C = Cohesi	ive	GRAND JUNCTIO	N LINCOLN De	VORE. INC.	
1-Client		** Fails Moistu	-	NC = NonCo	1	BY: RL			
1-Subdi	V Env 1-Mesa Co	S Standard Pro	octor	ABC = Aggreg	ate Base	FILL DENSITY	TEST DAIL	Y REPORT	
1-LAND	esign	M Modified Pr	roctor	PR = Pit Rur	n				
location Lincoln	Results indicate in-place soil densities at the sand depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout trea.	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		e performed for acceptance or control and is combined s with visual and penetration			GRAND JUNCTION LINCOLN DeVORE	Er	echnical ngineers- eologists

Client:	Elam Construction				<u> </u>	Report No:	7		
Project:	Grandview Subdivision, Fil. 5/6	5	,		<u>. </u>	Date of Test:	7-19-01	· · · · · · · · · · · · · · · · · · ·	
Location	ı:			- · · · · · · ·		Test By: RL	•	-	
						GJLD Job No	o: 88776-GJ		
TEST TYPE:	Nuclear (ASTM 2922 2922) Backscatter Direct Trans. X) (ASTM D-1556) Sand Cone	SPECIF	FICATIONS: P	roject:	City:	County:	X State:	
Test No.	Location of Test			COMPACTION %	COMPA SPEC.		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
DISTRIE	BUTION:	KEY: * Fails Compacti	S						
1-Client	1-Ute Water		·	C = Cohesi	ľ	GRAND JUNCTION	N LINCOLN De	YORE, INC.	=
1-Subdiv		** Fails Moisture S Standard Proc	•	NC = NonCol		BY:			
I-LAND		M Modified Pro		ABC = Aggregate PR = Pit Run	i i	FILL DENSITY	TEST DAILY	Y REPORT	
locations Lincoln l	Results indicate in-place soil densities at the and depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout rea.	Nuclear Density Testing of 'p other coarse grained soils ma correction of Unit Weight Ar Content, ASTM D-4718. I contain oversize particles in e the limits of ASTM D-4718	y require nd Water If soils	performed for ac control and is o with visual and pe	ceptance combined		GRAND IUNCTION LINCOLN DeVORE	En	chnical gineers- ologists

Client:	Elam Construction					Report No:	8				
Project:	Grandview Subdivision, Fil. 5/6			_	· - · · - · -	Date of Test:	7-20-01				
Location	is.					Test By: LS	Test By: LS				
				++		GJLD Job No	s: 88776-GJ				
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIF	FICATIONS: P	roject:	City:	County: 3	K State:			
Test No.	Location of Test			COMPACTION %	COMPA SPEC.		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 a 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	a 199		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	<u>.</u>		98	95	5.1	+-2	136.3@6.8	ABC		
DISTRI	BUTION: Page 1 of 2	KEY: * Fails Compact	tion Spec.	C ≖ Cohesi	ive	GRAND JUNCTION	N LINCOLN De	VORE, INC.			
1-Client	1-Ute Water	** Fails Moistu	re Spec.	NC = NonCo	hesive	BY:	AMM.				
1-Subdi	v Env I-Mesa Co	S Standard Pro	octor	ABC = Aggreg	ate Base	FILL DENSITY	TEST DAIL	Y REPORT			
1-LANI	Design Design	M Modified Pro	octor	PR = Pit Run	1			_			
location Lincoln	Results indicate in-place soil densities at the sand depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout trea.	Nuclear Density Testing of other coarse grained soils m correction of Unit Weight A Content, ASTM D-4718. contain oversize particles in the limits of ASTM D-4718	hay require And Water If soils nexcess of	performed for accountrol and is a with visual and pe	cceptance combined		GRAND JUNCTION LINCOLN DeVORE	En	chnical gineers- cologists		

Client:	Elam Construction					·	Report No:	8				
Project:	Grandview Subdivision, Fil. 5	5/6					Date of Test:	7-20-01				
Location	:						Test By: LS					
		···					GJLD Job No	: 88776-GJ				
TEST TYPE:		uclear (ASTM 2922) irect Trans. X	(ASTM D-1556) Sand Cone	SPECIF	FICATIONS: P	roject:	City:	County: 2	X State:			
Test No.	Location of Test				COMPACTION %	COMPA		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 sidewalk,	de, sta 4+50 @ FG			98	95	8.0	+-2	136.3@6.8	ABC		
83	Sidewalk, Cortland Ave., S sidewalk, S sidewa	de, sta 6+25 @ FG			96	95	6.1	+-2	136.3@6.8	ABC		
	•			1								
DISTRIF	BUTION: 1-Ute Water	Page 2 of 2	KEY: * Fails Compacti ** Fails Moistur	•	C = Cohesi		GRAND JUNCTION	N LINCOLN De	VORE, INC.			
1-Subdiv	v Env 1-Mesa Co		S Standard Pro	ctor	ABC = Aggrega	ate Base	FILL DENSITY	TEST DAIL	Y REPORT			
1-LAND	esign		M Modified Pro	ctor	PR = Pit Run							
locations Lincoln	Results indicate in-place soil dense and depths identified above. Gra DeVore has relied on the contractor mix placement and compactive effects.	or to provide fort throughout	Nuclear Density Testing of 'pother coarse grained soils macorrection of Unit Weight A Content, ASTM D-4718. contain oversize particles in the limits of ASTM D-4718	ny require nd Water If soils	performed for ac control and is a with visual and pe	combined		GRAND JUNCTION LINCOLN DeVORE	En	chnical gineers- ologists		

Client:	Elam Construction						Report No: 9					
Project:	Grandview Subdivision,	Fil. 5/6					Date of Test:	8-8-01				
Location							Test By: Rl	Test By: RL				
							GJLD Job No	GJLD Job No: 88776-GJ				
TEST TYPE:	Nuclear (ASTM 2922) Backscatter	Nuclear (ASTM 2922) Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIF	FICATIONS: P	roject:	City:	County: 2	X State:			
Test No.	Location of Test				COMPACTION %	COMPA SPEC.		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 iane @	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		
DISTRI	BUTION:	Page 1 of 2	KEY: * Fails Compa	ction Spec.	C = Cohesi	ive	GRAND JUNCTIO	N LINCOLN De	VORE, INC.			
1-Client	1-Ute Water	m	** Fails Moist	ture Spec.	NC = NonCo	ohesive .	BY:		Te.			
1-Subdi	Env 1-City of GJ		S Standard P	roctor	ABC = Aggreg	ate Base	FILL DENSITY	TEST DAIL	Y REPORT			
1-Atkins	& Assoc	M Modified F	Proctor	PR = Pit Run								
NOTE: Results indicate in-place soil densities at the locations and depths identified above. Grand Junction Lincoln De Vore 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			cceptance combined		GRAND JUNCTION LINCOLN DeVORE	Eı	echnical ngineers- eologists		

Client:	Elam Construction						Report No:	9			
Project:	Grandview Subdivision, F	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	SPECIFI	ICATIONS: PI	roject:	City:	County: >	ζ State:		
Test No.	Location of Test				COMPACTION %	COMPA SPEC.		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	
		*									
DISTRI	BUTION:	Page 2 of 2	KEY: * Fails Compac	ction Spec.	C = Cohesi	ive	GRAND JUNCTIO	N LINCOLN De	VORE, INC.		
I-Client	1-Ute Water		** Fails Moist	ure Spec.	NC = NonCo	hesive	BY:				
1-Subdi	v Env 1-City of GJ		S Standard P	roctor	ABC = Aggreg	ate Base	FILL DENSITY	TEST DAIL	Y REPORT		
1-Atkin	s & Assoc		M Modified P	roctor	PR = Pit Rus	n					
location	Results indicate in-place so is and depths identified above DeVore has relied on the con mix placement and compacti area.	. Grand Junction stractor to provide	Nuclear Density Testing of other coarse grained soils correction of Unit Weight Content, ASTM D-4718 contain oversize particles the limits of ASTM D-471	may require And Water If soils in excess of	performed for a control and is with visual and p	cceptance combined		GRAND JUNCTION LINCOLN DeVORE	Er	echnical ngineers- eologists	

Client:	Elam Construction					Report No:	10		
Project:	Grandview Subdivision, Fil. 5/6					Date of Test:	8-9-01		
Location	E .					Test By: RL	-		
						GJLD Job No	o: 88776-GJ		
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIF	FICATIONS: P	roject:	City:	County:	K State:	
Test No.	Location of Test			COMPACTION %	COMPAC SPEC. %		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	İ	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
DISTRII 1-Client 1-Subdiv		KEY: * Fails Compac ** Fails Moistu S Standard Pro	are Spec.	C = Cohesi NC = NonCo ABC = Aggreg	ohesive	GRAND JUNCTION BY: FILL DENSITY			
-	s & Assoc	M Modified Pr	roctor	PR = Pit Run	1		<u>.</u> .		
location: Lincoln	Results indicate in-place soil densities at the sand depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout trea.	Nuclear Density Testing of other coarse grained soils in correction of Unit Weight Content, ASTM D-4718, contain oversize particles it the limits of ASTM D-4718	nay require And Water If soils n excess of	performed for a control and is with visual and p	cceptance combined		GRAND JUNCTION LINCOLN DeVORE	En	chnical gineers- ologists

Client:	Elam Construction					Report No:	11		
Project:	Grandview Subdivision, Fil. 5/8					Date of Test:	8-9-01		
Location	:					Test By: RL			
						GJLD Job No	: 88776-GJ		
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIF	FICATIONS: P	roject:	City:	County: 3	State:	
Test No.	Location of Test			COMPACTION %	COMPAC SPEC. %		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
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DISTRI	BUTION:	KEY: • Fails Compact	ion Spec.	C = Cohesi	ive	GRAND JUNCTIO	N LINCOLN-De	VORE INC.	
1-Client	1-Ute Water	** Fails Moistur	re Spec.	NC = NonCo	hesive	BY: RL			
1-Subdi	Env 1-City of GJ	S Standard Pro	ctor	ABC = Aggreg	ate Base	FILL DENSITY	TEST DAIL	Y REPORT	
1-Atkins	& Assoc	M Modified Pro	octor	PR = Pit Rur		3	Ŧ-		
location: Lincoln	Results indicate in-place soil densities at the sand depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout rea.	Nuclear Density Testing of other coarse grained soils in correction of Unit Weight A Content, ASTM D-4718. contain oversize particles in the limits of ASTM D-4718	ay require and Water If soils excess of	performed for a control and is with visual and p	cceptance combined		GRAND JUNCTION LINCOLN DeVORE	En	echnical gineers- cologists

Client:	Elam Construction			<u></u>		Re	port No: 12		
Project:	Grandview Subdivision					Da	ate of Test: 8-1	13-01	
Location	:					Te	st By: AR		
			Ī			G.	ILD Job No: 88	776-GJ	
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922) 2922) Backscatter X Direct Trans.		SPECI	FICATIONS: P	roject:	Ci	ty: X	County:	State:
Test No.	Location of Test			Mix Design Compaction %	Mix Desig Max. Den. p		Rice Gs Compaction %	Rice Gs Max. Den. pcf	Compaction Specif.
110	Roadway, sta 6+25, RT lane, Tamarron Dr @ I	FAC					94	150.9	92-96
111	Roadway, sta 7+25, LT lane, Tamarron Dr @ F	AC					93	150.9	92-96
112	Roadway, sta 8+25, RT lane, Tamarron Dr @ I	FAC					94	150.9	92-96
113	Roadway, sta 9+25, LT lane, Tamarron Dr @ F	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 @ bot	tom lift					93	150.9	92-96
121	Roadway, sta 7+25, LT lane, Ridge Dr @ bott	om lift					94	150.9	92-96
122	Roadway, sta 4+55, RT lane, Cortland Ave @ I	bottom lift					94	150.9	92-96
DISTRII	BUTION: Page 1 of 2 1-City of GJ	KEY: * Fails Compact	ion Spec		/	RAND	JUNCTION LIN	COLN DeVORE, I	NC.
1-Subdiv					⊢		CNIGITY TEC	T DAILY REPO	NDT.
-	& Assoc.				^	D	ENOILI IES	I DAIL I KEP)K1
NOTE: locations Lincoln	Results indicate in-place soil densities at the and depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout		1. 1. 1.				GRAN JUNC LINCO DeVO	TION DLN	Geotechnical Engineers- Geologists

Client:	Elam Construction				Report No: 12		
Project:	Grandview Subdivision				Date of Test: 8-	13-01	<u>.</u>
Location	:				Test By: AR		
					GJLD Job No: 88	8776-GJ	
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922) 2922) Backscatter X Direct Trans.	SPEC	FICATIONS: P	roject:	City: X	County:	State:
Test No.	Location of Test		Mix Design Compaction %	Mix Design Max, Den. po		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			<u> </u>	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
1-Client 1-Subdiv	1-City of GJ	ompaction Spec	<u>.</u>	В	AND JUNCTION LIN		
	& Assoc.						
locations Lincoln	Results indicate in-place soil densities at the and depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout rea.			F Co	GRAN JUNC LINCO DeVO	TION	Geotechnical Engineers Geologists

Client:	Elam Construction						Report No: 13		
Project:	Grandview Subdivision			···			Date of Test: 8-1	4-01	
Location							Test By: LS		
							GJLD Job No: 88	776-GJ	
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922) 2922) Backscatter X Direct Trans.		SPECII	FICATIONS: P	roject:		City: X	County:	State:
Test No.	Location of Test			Mix Design Compaction %	Mix Desi Max. Den.		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		i				95	150.9	92-96
138	Street, Corttland Ave., sta 6+00 @ FAC						94	150.9	92-96
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	20								
DISTRIE	SUTION:	KEY: * Fails Compact	ion Spec.		g	RAN	ID JUNCTION LIN	COLN DeVORE, I	NC.
1-Client	1-City of GJ	46			JA B	Y:	5/1		
1-Subdiv	Env	\$ 5 3			A	LC.	DENSITY TES	T DAILY REPO	RT
1-Atkins	& Assoc.								
locations Lincoln	Results indicate in-place soil densities at the and depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout rea.						GRAM JUNC LINCO DeVO	TION DLN	Geotechnical Engineers- Geologists



SWI

1441 Motor St. Grand Junction, CO 81505 TEL: (970) 242-8968 FAX: (970) 242-1561

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 ANA	ALYSIS		OTHER TESTING	}	
		Job Mix			
Sieve Size	Sample I	Specs.		Sample I	Specs
3/4"	100	100	% Asphalt Content	5.5	5.1-6.1
1/2"	90	81-93	Location of Sample	See above	
3/8"	79	70-82	Sample Date	8-10-01	
#4	55	49-59	Sample Time	1245	
#8	38	30-40	Sample Temp.	280°	
#16	28	-	Air Temp.	80°	
#30	22	14-22	Gmm (Rice)	2.435	
#50	16	-	VMA %	13.9	>13.0%
#100	10	-	Air Voids %	3.9	3-5%
#200	5.9	3.4-7.4			

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:	Client: Elam Construction					LD Job No.: ld Test By:	88776 BK	-GJ		
Project:	Grandvi	ew Subdiv	ision, Fil.	5/6	Loca	ation of Test:	E side	walk, sta	5+00, Fil. :	5
Concrete Con	ntractor:	· ·			Cem	ent Type:				×
Concrete Sup	oplier:	GJRM						Test		Specs.
Truck No.:		29			Sium	np (ASTM C-14)	3)	2.5	Inches	
Ticket No.:		55826			Air (Content (ASTM	C-231)	5.6	%	
Date of Casti	ng:	7-23-01			Cond	c. Temp. (AST)	M C-1064)	77	°F	
Mix ID/Descri	ription:	6 sak			Test	Taken @ chu	te	4	Yards	
28-Day Req.	Strength:	3000	_	_	Wate	Added		4	Gal.	
Aggregate Co	orrection	Factor:	YES N							
Specimen No.:	Spec. Height inch	Spec. Weight lbs.	Ave. Diam. inch	X-section Area inch²	Unit Weigh pef	Total t Load lbs	Unit Stress psi	Break Type	Break Date	Break Age
1	12.00	28.20	6.00	28.18	146.2	79000	2800	СМ	7-30	7
2	12.00	28.20	5.99	28.18	147.2	109000	3870	СМ	8-20	28
3	12.00	28.00	6.00	28.09	147.2	120000	4270	СМ	8-20	28
4	12.00	28.00	6.00	28.09	147.2					Reserve
Remarks:		- · · · · · · · · · · · · · · · · ·				Grand Juncti of 1 Working any field test	g Days not	tice to sche	dule person	ninimum unel for
Specimen or Cap Defects:						Grand Juncti- responsible for by other than	on Lincolr	n-DeVore or rpretations	cannot be	results
Distribution:	1-Client 1-GJRM 1-Subdi 1-Atkin 1-City o	v Env s & Assoc.				Field Testing to appropriate Compressive conformance Final Report	e ASTM S Strength 1 to ASTM will include	tandards. Test perform C-29. le data for	med in subs	tantial
*	Does No	ot Meet Req	uired Stre	ngth (if Appli		GRAND JUI				, Inc.
Date Issued:	8-20-01					BY:				
	L. GEOTE		N DeVO	ORE, Inc.		CONCRET	E COMP	RESSIVE	TEST RE	PORT

Client:	Travis Jordan					Report No:	11		
Project:	Grandview Subdivision, Filing 4					Date of Test:	10-29-99		
Location	ı.					Test By: RL			
						GJLD Job No	: 87684-GJ		
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIF	FICATIONS: Pr	roject:	City: X	County:	State:	
Test No.	Location of Test			COMPACTION %	COMPAC SPEC. %		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE
236	Sewer main between MH EP3 & K1 @ FSG			95	95	15.5	+-2	115.2@14.7	С
237	MH K1 @ FSG			95	95	14.9	+-2	115.2@14.7	С
238	SS, Lot 12, Blk 3 @ FSG			96	95	15.9	+-2	115.2@14.7	С
239	SS, Lot 13, Blk 3 @ FSG			96	95	15.4	+-2	115.2@14.7	С
240	SS, Lot 14, Blk 3 @ FSG			95	95	14.4	+-2	115.2@14.7	С
241	SS, Lot 16, Blk 1 2 -3' BSG			96	95	14.9	+-2	115.2@14.7	С
242	SS, Lot 15, Bik 3 @ -3' BSG			96	95	14.6	+-2	115.2@14.7	С
243	SS, Lot 17, Blk 1 @ -3' BSG			95	95	13.8	+-2	115.2@14.7	С
244	SS, Lot 18, Bik 1 @ -3' BSG			97	95	15.2	+-2	115.2@14.7	С
245	SS, Lot 16, Blk 3 @ -3' BSG			95	95	15.0	+-2	115.2@14.7	С
246	MH EP4 @ -3' BSG			97	95	15.0	+-2	115.2@14.7	С
247	Sewer main between MH EP3 & EP4 @ -3' BS	G		97	95	14.7	+-2	115.2@14.7	С
248	SS, Lot 17, Blk 3 @ -3' BSG			95	95	15.4	+-2	115.2@14.7	С
DISTRI	BUTION: Page 2 of 3	KEY: * Fails Compact	tion Spec	. C = Cohesi	ve	GRAND JUNCTIO	N LINCOLN D	VORE, INC.	
1-Client	1-Ute Water	** Fails Moistu	re Spec.	NC = NonCo	hesive	BY:	7//	Z.	
1-Subdi	Env 1-City of GJ	S Standard Pro	octor	ABC = Aggreg	ate Base	FILL DENSITY	TEST DAIL	Y REPORT	
I-Atkins	& Assoc.	M Modified Pr	octor	PR = Pit Run					
location: Lincoln	Results indicate in-place soil densities at the sand depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout rea.	Nuclear Density Testing of other coarse grained soils in correction of Unit Weight A Content, ASTM D-4718, contain oversize particles in the limits of ASTM D-4718	ay require And Wate If soils excess o	performed for a control and is with visual and p	cceptance combined		GRAND JUNCTION LINCOLN DeVORE	Er	echnical igineers- eologists

Client:	Travis Jordan						Report No:	11		
Project:	Grandview Subdivision, Fili	ng 4					Date of Tes	: 10-29-99		
Location	:						Test By: R	L		
	N						GJLD Job l	io: 87684-GJ		
TEST TYPE:		Nuclear (ASTM 2922) Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIF	ICATIONS: P	roject:	City: 2	County:	State:	
Test No.	Location of Test				COMPACTION %	COMPA SPEC. 9		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE
249	Sewer main between MH EF	P4 & CL1 @ -3' BSG			96	95	14.7	+-2	115.2@14.7	С
DISTRIE	BUTION:	Page 3 of 3	KEY: * Fails Compact	ion Spec.	C = Cohesi	ive	GRAND JUNCTI	ON LINCOLN DO	VORE, INC.	
1-Client	1-Ute Water		** Fails Moistur	re Spec.	NC = NonCo	hesive	BY: RL			
1-Subdit	Env 1-City of GJ		S Standard Pro	ctor	ABC = Aggreg	ate Base	FILL DENSIT	Y TEST DAIL	Y REPORT	
1-Atkins	& Assoc.		M Modified Pro	octor	PR = Pit Rur	ı		<u> </u>		
locations Lincoln	Results indicate in-place soil do and depths identified above. Go De Vore has relied on the contraction mix placement and compactive erea.	rand Junction ctor to provide effort throughout	Nuclear Density Testing of other coarse grained soils me correction of Unit Weight A Content, ASTM D-4718. contain oversize particles in the limits of ASTM D-4718	ay require and Water If soils excess of	performed for a control and is with visual and p	cceptance		GRAND JUNCTION LINCOLN DeVORE	Er	echnical agineers- eologists

Client:	Travis Jordan					Report No:	12			
Project:	Grandview Subdivision, Filing 4	.,				Date of Test:	11-1-99			
Location	Ľ					Test By: RL				
						GJLD Job No	: 87684-GJ			
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIE	FICATIONS: PI	roject:	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	С	
251	Sewer main between MH EP3 & EP4 @ -1' BS	G		99	95	14.1	+-2	115.2@14.7	С	
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	С	
254	SS, Lot I8, Blk 1 @ -1' BSG			95	95	14.5	+-2	115.2@14.7	С	
255	SS, Lot 16, Blk 3 @ -1' BSG			100	95	12.8	+-2	115.2@14.7	С	
256	MH EP4 @ -1' BSG			98	95	13.6	+-2	115.2@14.7	С	
257	SS, Lot 17, Blk 3 @ -1' BSG			98	95	15.3	+-2	115.2@14.7	С	
258	Sewer main between MH EP4 & CL1 @ -1' BS	G		97	95	14.9	+-2	115.2@14.7	С	
			*							
	к									
DISTRIE	BUTION:	KEY: * Fails Compact	ion Spec	. C = Cohesi	ve G	RAND JUNCTIO	N LINCOLN De	VORE, INC.		
1-Client	1-Ute Water	** Fails Moistur	re Spec.	NC = NonCo	hesive B	Y: RL				
1-Subdiv	Env 1-City of GJ	S Standard Pro	ctor	ABC = Aggreg		ILL DENSITY	TEST DAIL	Y REPORT		
1-Atkins	& Assoc.	M Modified Pro	octor	PR = Pit Run						
locations Lincoln	Results indicate in-place soil densities at the sand depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout rea.	Nuclear Density Testing of other coarse grained soils me correction of Unit Weight A Content, ASTM D-4718. contain oversize particles in the limits of ASTM D-4718	ay require and Water If soils excess of	performed for an control and is with visual and pe	cceptance combined		GRAND JUNCTION LINCOLN DeVORE	En	echnical agineers- eologists	

	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 Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECI	FICATIONS: Pr	oject:	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	С
	260	SS, Lot 16, Blk 1 @ FSG			95	95	13.3	+-2	115.2@14.7	С
4	261	SS, Lot 15, Blk 3 @ FSG			100	95	13.1	+-2	115.2@14.7	С
	262	SS, Lot 17, Blk 1 @ FSG			100	95	13.2	+-2	115.2@14.7	С
	263	SS, Lot 18, Blk 1 @ FSG			97	95	13.8	+-2	115.2@14.7	С
	264	Sewer MH EP4 @ FSG			98	95	14.4	+-2	115.2@14.7	С
	265	SS, Lot 16, future filing @ FSG			95	95	13.3	+-2	115.2@14.7	С
	266	Sewer main between MH EP3 & EP4 @ FSG			100	95	13.6	+-2	115.2@14.7	С
	267	Sewer main between MH EP4 & CL1 @ FSG			98	95	15.0	+-2	115.2@14.7	С
	268	SS, Lot 17, future filing @ FSG			100	95	13.6	+-2	115.2@14.7	С
	269	Sewer MH CL1 @ 3' BSG			99	95	13.6	+-2	115.2@14.7	С
	DISTRIE	BUTION:	KEY: * Fails Compact	ion Spec	. C = Cohesi		RAND JUNCTIO	N LINCOLN De	VORE, INC.	
	1-Client	1-Ute Water	** Fails Moistu	re Spec.	NC = NonCo	hesive B	Ÿ.		My.	
	1-Subdiv	Env I-City of GJ	S Standard Pro	ctor	ABC = Aggrega	ate Base F	ILL DENSITY			
	I-Atkins	& Assoc.	M Modified Pro	octor	PR = Pit Run					
	locations Lincoln l	Results indicate in-place soil densities at the and depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout rea.	Nuclear Density Testing of other coarse grained soils me correction of Unit Weight A Content, ASTM D-4718, contain oversize particles in the limits of ASTM D-4718	re performed for acceptance er control and is combined is with visual and penetration			GRAND JUNCTION LINCOLN DeVORE	Er	echnical agineers- eologists	

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 Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone			City: X	County:	State:			
Test No.	Location of Test			COMPACTION %	COMPAC SPEC. %		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	С	
271	WS, Lot 7, Blk 3 @ 2' BSG			96	95	16.7	+-2	115.2@14.7	С	
272	WS, Lots 8 & 9, Blk 3 @ 2' BGS			96	95	13.2	+-2	115.2@14.7	С	
273	WS, E Pagosa Dr., Lots 13 & 14, Blk 1 @ 2' B		100	95	15.5	+-2	115.2@14.7	С		
274	Water main, sta 5+50 @ 2' BSG		98 95		15.3	+-2	115.2@14.7	С		
275	WS, E Pagosa Dr., Lots 10 & 11, Blk 3 @ 2' B	sg		96	95	14.8	+-2	115.2@14.7	С	
276	Water main, sta 7+50 @ 2' BSG			98	95	13.8	+-2	115.2@14.7	С	
277	Water fire hydrant, Lot 11, Blk 3, sta 8+15 @ 2	2' BSG	1	98	95	13.1	+-2	+-2 115.2@14.7 C +-2 115.2@14.7 C +-2 115.2@14.7 C		
	100									
)						45	i i			
DISTRI	BUTION:	KEY: * Fails Compact	tion Spec.	C = Cohesi	ve	GRAND JUNCTIO	N LINCOLN De	VORE, INC.		
1-Client	1-Ute Water	** Fails Moistu	re Spec.	NC = NonCo	hesive	BY: RL			-	
1-Subdiv	Env 1-City of GJ	S Standard Pro	octor	ABC = Aggreg	ate Base	FILL DENSITY	TEST DAIL	Y REPORT	· · · · ·	
1-Atkins	& Assoc.	M Modified Pr	octor	PR = Pit Run						
location: Lincoln	Results indicate in-place soil densities at the sand depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout rea.	Nuclear Density Testing of other coarse grained soils in correction of Unit Weight A Content, ASTM D-4718. contain oversize particles in the limits of ASTM D-4718	nay require And Water If soils nexcess of	control and is with visual and p	combined		GRAND JUNCTION LINCOLN DeVORE	UNCTION Geotechnic INCOLN Enginee		

Clier	t: Travis Jordan			v ii ii		Report No:	15		
Proje	ct: Grandview Subdivision, Filing 4					Date of Test:	11-5-99		U I
Loca	ion:					Test By: LS	, RL		
						GJLD Job No	: 87684-GJ		
TEST		(ASTM D-1556) Sand Cone	SPECIF	FICATIONS: PI	roject:	City: X	County:	State:	
Tes No.	and the same of th			COMPACTION %	COMPAC SPEC. %		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE
278	WS, Lots 15 & 16, Blk 1 @ 2 BSG			97	95	14.8	+-2	115.2@14.7	С
279	Water main, Keystone Ct.,s ta 0+75 @ 2' BSG			95	95	14.5	+-2	115.2@14.7	С
280	WS, Lot 12, Blk 3 @ 2' BSG			98	95	14.3	+-2	115.2@14.7	С
281	WS, Lots 13 & 14, Blk 3 @ 2' BSG			97	95	14.4	+-2	115.2@14.7	С
282	Water main, Pagosa Dr., sta 9+50 @ 2' BSG			98	95	14.4	+-2	115.2@14.7	С
283	WS, Lots 17 & 18, Blk 1 @ 2' BSG			97	95	16.0	+-2	115.2@14.7	С
284	WS, Lots 15 & 16, Blk 3 @ 2' BSG			95	95	13.7	+-2	115.2@14.7	С
285	Water main, sta 0+50, E&@ on N end of project	ct @ 2' BSG		96	95	14.7	+-2	115.2@14.7	С
				1					
DIST	RIBUTION:	KEY: * Fails Compa	ction Spec.	. C = Cohesi	ve	GRAND JUNCTIO	N LINCOLN De	VORE-INC.	
1-Cli	ent 1-Ute Water	•• Fails Moist	ure Spec.	NC = NonCo	hesive	BY:	A Pille		
1-Sul	div Env I-City of GJ	S Standard P	roctor	ABC = Aggreg	ate Base	FILL DENSITY	TEST DAIL	Y REPORT	:
1-Ati	ins & Assoc.	M Modified P	roctor	PR = Pit Rur					
locati Linco unifo	E: Results indicate in-place soil densities at the ons and depths identified above. Grand Junction In DeVore has relied on the contractor to provide m mix placement and compactive effort throughout Il area.	Nuclear Density Testing of other coarse grained soils correction of Unit Weight Content, ASTM D-4718 contain oversize particles the limits of ASTM D-471	may require And Water . If soils in excess of	performed for a control and is with visual and p	cceptance combined		GRAND JUNCTION LINCOLN DeVORE	Er	echnical ngineers- eologists

Client:	Travis Jordan					Report No:	16		ЩП
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 Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIF	TCATIONS: Pi	roject:	City: X	County:	State:	
Test No.	Location of Test			COMPACTION %	COMPAG SPEC. 9		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE
286	Water fire hydrant, Lot 11, Blk 3 @ FSG			100	95	13.8	+-2	115.2@14.7	С
287	WS, Lots 15 & 16, Blk 1 @ FSG			97	95	13.1	+-2	115.2@14.7	С
288	Water main, sta 8+00 @ FSG			97	95	14.5	+-2	115.2@14.7	С
289	Water fire hydrant, future filing, Lot 19 @ 2' BS	G		98	95	14.6	+-2	115.2@14.7	С
290	Water main, sta 2+50, N-E side of project @ 2	BSG		100	95	13.6	+-2	115.2@14.7	С
)									
DISTRIE	BUTION:	KEY: * Fails Compact	tion Spec.	. C = Cohesi	ive	GRAND JUNCTIO	N LINCOLN De	VORE, INC.	ć
1-Client	1-Ute Water	** Fails Moistu	ire Spec.	NC = NonCo	hesive	BY:			
1-Subdiv	Env 1-City of GJ	S Standard Pro	octor	ABC = Aggreg	ate Base	FILL DENSITY	TEST DAIL	Y REPORT	
1-Atkins	& Assoc.	M Modified Pr	octor	PR = Pit Run					
locations Lincoln	Results indicate in-place soil densities at the sand depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout rea.	Nuclear Density Testing of other coarse grained soils in correction of Unit Weight a Content, ASTM D-4718. contain oversize particles in the limits of ASTM D-4718	nay require And Water If soils rexcess of	performed for a control and is with visual and p	cceptance combined		GRAND JUNCTION LINCOLN DeVORE	Er	echnical gineers- cologists

Client:	Travis Jordan				HIN	Report No:	17		
Project	Grandview Subdivision, Filing 4					Date of Test:	11-9-99		
Locatio	n:					Test By: LS	, RL		
						GJLD Job No	: 87684-GJ		
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIF	ICATIONS: Pr	roject:	City: X	County:	State:	
Test No.	Location of Test			COMPACTION %	COMPAC SPEC. %		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE
291	Utility crossing, Dillon Ct., sta 0+20 @ FSG	4		99	95	13.0	+-2	115.2@14.7	С
292	Utility crossing, Pagosa Dr., sta 6+00 @ FSG			100	95	13.8	+-2	115.2@14.7	С
293	Utility crossing, Keystone, sta 0+25 @ FSG			100	95	14.0	+-2	115.2@14.7	С
294	Water main, Keystone @ FSG		- 1	100	95	13.4	+-2	115.2@14.7	С
295	SS, Lot 12, Blk 3 @ FSG		i	100	95	13.9	+-2	115.2@14.7	С
296	WS, Lots 13 & 14, Blk 3 @ FSG			99	95	13.9	+-2	115.2@14.7	С
297	Water main, Pagosa, sta 9+00 @ FSG			100	95	13.7	+-2	115.2@14.7	С
298	WS, Lots 15 & 16, Blk 3 @ FSG			100	95	14.0	+-2	115.2@14.7	С
299	WS, Lots 17 & 18, Bik 1 @ FSG			100	95	14.2	+-2	115.2@14.7	С
300	Utility crossing, sta 10+00 @ FSG			100	95	14.3	+-2	115.2@14.7	С
301	Water main, E-W line, N end, sta 0+50 @ FSG	3	}	100	95	14.0	+-2	115.2@14.7	С
302	Water main, E-W line, N end, sta 2+00 @ FSG	9	- 1	100	95	14.8	+-2	115.2@14.7	С
303	Utility crossing, Pagosa, sta 11+00 @ FSG			100	95	13.3	+-2	115.2@14.7	С
DISTRI	BUTION: Page 1 of 2	KEY: * Fails Compact	tion Spec.	C = Cohesi	ve	GRAND JUNCTIO	N LINCOLN De	VORE, INC.	
1-Clien	t 1-Ute Water	•• Fails Moistus	re Spec.	NC = NonCo	hesive		11/1/1		
1-Subdi	v Env 1-City of GJ	S Standard Pro	octor	ABC = Aggreg	ate Base	FILL DENSITY	TEST DAIL	Y REPORT	
1-Atkin	s & Assoc.	M Modified Pro	octor	PR = Pit Run			*		~~
location Lincoln	Results indicate in-place soil densities at the as and depths identified above. Grand Junction De Vore has relied on the contractor to provide a mix placement and compactive effort throughout area.	Nuclear Density Testing of other coarse grained soils me correction of Unit Weight A Content, ASTM D-4718. contain oversize particles in the limits of ASTM D-4718	ay require And Water If soils excess of	performed for as control and is with visual and p	combined		GRAND JUNCTION LINCOLN DeVORE	Er	echnical ngineers- eologists

Client:	Travis Jordan						Report No:	17		11 [11
Project:	Grandview Subdivision, F	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	SPECIF	ICATIONS: P	roject:	City: X	County:	State:	
Test No.	Location of Test				COMPACTION %	COMPA SPEC.		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE
304	WS, Lot 14, Blk 3 @ FSG	3			98	95	15.1	+-2	115.2@14.7	С
305	Water fire hydrant, Lot 14	I, Bk 3 @ FSG			100	95	14.3	+-2	115.2@14.7	С
306	Sewer MH CL1 @ FSG				100	95	13.6	+-2	115.2@14.7	С
5,000,000	BUTION:	Page 2 of 2	KEY: * Fails Compact	-		ive	GRAND JUNCTIO	N LINCOLN De	VORE, INC.	- 1
1-Client			** Fails Moistu	-	NC = NonCo		BY: RL		The second	
1-Subdiv	•		S Standard Pro		ABC = Aggreg	ate Base	FILL DENSITY	TEST DAIL	Y REPORT	
1-Atkins	& Assoc.		M Modified Pro	octor	PR = Pit Run	1				
locations Lincoln	Results indicate in-place soil and depths identified above. DeVore has relied on the control mix placement and compactives.	Grand Junction ractor to provide	Nuclear Density Testing of other coarse grained soils in correction of Unit Weight A Content, ASTM D-4718, contain oversize particles in the limits of ASTM D-4718	And Water If soils excess of	performed for a control and is with visual and p	cceptance combined		GRAND JUNCTION LINCOLN DeVORE	En	echnical gineers- cologists

Client:	Elam Construction					Report No:	1		
Project:	Grandview Subdivision					Date of Test:	11-9-99		
Location	i i					Test By: LS			
						GJLD Job No	: 87741-GJ		
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIF	FICATIONS: P	roject:	City:	X County:	State:	
Test No.	Location of Test			COMPACTION %	COMPA		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE
1	Sidewalk, Grandview Dr., sta 1+00, E @ FSG			89*	90M	13.2	+-2	124.9@11.4	С
2	Street, Grandview Dr., sta 1+00, E @ FSG			91	90M	14.4	+-2	124.9@11.4	С
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	С
5	Sidewalk, El Dora Ct., sta 0+50, N @ FSG		î	90	90M	13.4	+-2	124.9@11.4	С
6	Street, El Dora Ct., sta 0+50, S @ FSG		5	90	90M	12.6	+-2	124.9@11.4	С
7	Sidewalk, El Dora Ct., sta 0+50, N @ FSG			98	90M	11.9	+-2	124.9@11.4	С
8	Street, El Dora Ct., sta 1+50, S @ FSG			96	90M	13.3	+-2	124.9@11.4	С
9	Sidewalk, E end of cul-de-sac @ FSG			94	90M	12.6	+-2	124.9@11.4	С
10	Sidewalk, Grandview Dr., sta 3+00, E @ FSG			88*	90M	11.7	+-2	124.9@11.4	С
11	Street, Grandview Dr., sta 3+00, E @ FSG			88*	90M	11.7	+-2	124.9@11.4	С
12	Sidewalk, Grandview Dr., sta 3+00, E @ FSG			94	90M	12.4	+-2	124.9@11.4	С
13	Street, Grandview Dr., sta 4+00, W @ FSG			94	90M	12.5	+-2	124.9@11.4	С
DISTRIE	BUTION: Page 1 of 2	KEY: * Fails Compact	ion Spec.	C = Cohesi	ive	GRAND JUNCTIO	N LINCOLN De	VORE, INC.	
1-Client	I-Ute Water	** Fails Moistur	e Spec.	NC = NonCo	hesive	BY:		a.	
1-Subdiv	Env 1-City of GJ	S Standard Pro	ctor	ABC = Aggreg	ate Base	FILL DENSITY	TEST DAIL	Y REPORT	
1-Atkins	& Assoc.	M Modified Pro	ctor	PR = Pit Rur	ı				
locations Lincoln	Results indicate in-place soil densities at the sand depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout rea.	Nuclear Density Testing of 'other coarse grained soils me correction of Unit Weight A Content, ASTM D-4718. contain oversize particles in the limits of ASTM D-4718	ny require and Water If soils excess of	performed for a control and is with visual and p	cceptance combined		GRAND JUNCTION LINCOLN DeVORE	Er	echnical Igineers- eologists

	Client:	Elam Construction					Report No:	1		
	Project:	Grandview Subdivision					Date of Test:	11-9-99		
	Location	:					Test By: LS			
							GJLD Job No	e: 87741-GJ		
	TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIE	TCATIONS: Pr	roject:	City:	X County:	State:	
	Test No.	Location of Test			COMPACTION %	COMPAG SPEC, 9		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE
	14	Sidewalk, Grandview Dr., sta 5+00, S @ FSG			96	90M	12.2	+-2	124.9@11.4	С
	15	Street, Grandview Dr., sta 5+00, S @ FSG			90	90M	11.9	+-2	124.9@11.4	С
	16	Sidewalk, Grandview Dr., sta 5+00, N @ FSG			87*	90M	12.8	+-2	124.9@11.4	С
	17	Street, Grandview Dr., sta 6+00, S @ FSG			99	90M	12.1	+-2	124.9@11.4	С
	18	Sidewalk, Grandview Dr., sta 7+00, N @ FSG			97	90M	13.0	+-2	124.9@11.4	С
	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	С
	21	Street, Grandview Dr., sta 8+00, S @ FSG			91	90M	11,9	+-2	124.9@11.4	С
		Soils were wetted to Standard Proctor (ASTM D-69	8, AASHTO T-99)						a.	
		Optimum Moisture but project specifications utilize	Modified Proctor							
7		(ASTM D-1557, AASHTO T-180) Maximum Densi	ity, which result in a							
)	minimum Dry Density of approximately 3 pcf higher	r than required by	j						
	,	City of G.J. Higher moisture approved by G.J.L.D.								0.00
	DISTRIE	BUTION: Page 2 of 2	KEY: * Fails Compact	ion Spec	C = Cohesi	ve	GRAND JUNCTIO	N LINCOLN De	VORE, INC.	
	1-Client	1-Ute Water	** Fails Moistu	re Spec.	NC = NonCo	hesive	BY:	Mille		
	1-Subdiv	Env 1-City of GJ	S Standard Pro	octor	ABC = Aggreg	ate Base	FILL DENSITY	TEST DAIL	Y REPORT	
	1-Atkins	& Assoc.	M Modified Pr	octor	PR = Pit Run					
	locations Lincoln	Results indicate in-place soil densities at the sand depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout rea.	Nuclear Density Testing of other coarse grained soils me correction of Unit Weight A Content, ASTM D-4718. contain oversize particles in the limits of ASTM D-4718	And Water If soils excess o	performed for ac control and is with visual and pe	combined		GRAND JUNCTION LINCOLN DeVORE	Er	echnical ngineers- eologists

Client:	Elam Construction					Report No:	2		
Project:	Grandview Subdivision					Date of Test;	11-10-99		
Location	ı:				7.5	Test By: R	L	,	
						GJLD Job No	s: 87741-GJ		
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIF	FICATIONS: P	roject:	City:	X County:	State:	
Test No.	Location of Test			COMPACTION %	COMPAC SPEC. %		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE
1A	RETEST			90	90M	12.4	+-2	124.9@11.4	С
10A	RETEST			94	90M	12.6	+-2	124.9@11.4	С
11A	RETEST			91	90M	12.1	+-2	124.9@11.4	С
16A	RETEST			91	90M	12.3	+-2	124.9@11.4	С
22	Roadway, Pagosa Dr., sta 11+00, RT lane @ F	-sg		92	90M	12.3	+-2	124.9@11.4	С
23	Sidewalk, Pagosa Dr., sta 11+00, RT @ FSG			94	90M	12.1	+-2	124.9@11.4	С
24	Sidewalk, Pagosa Dr., sta 11+00, LT @ FSG			92	90M	11.7	+-2	124.9@11.4	С
25	Roadway, Conifer Ct., sta 0+75, center @ FSG	;	,	90	90M	12.6	+-2	124.9@11.4	С
26	Sidewalk, Conifer Ct., sta 0+75, RT @ FSG			91	90M	13.2	+-2	124.9@11.4	С
27	Sidewalk, Conifer Ct., sta 0+75, LT @ FSG		8	91	90M	13.2	+-2	124.9@11.4	С
28	Roadway, Pagosa Dr., sta 10+00, LT lane @ F	sg		92	90M	12.4	+-2	124.9@11.4	С
29	Roadway, Pagosa Dr., sta 9+00, RT lane @ F8	SG .		92	90M	12.2	+-2	124.9@11.4	С
30	Sidewalk, Pagosa Dr., sta 9+00, RT @ FSG			91	90M	12.2	+-2	124.9@11.4	С
DISTRI	BUTION: Page 1 of 2	KEY: • Fails Compact	ion Spec.	. C = Cohes	ive	GRAND JUNCTIO	N LINCOLN D	VORB NE	
1-Client	1-Ute Water	** Fails Moistu	re Spec.	NC = NonCo		BY:		Muc	
1-Subdi	v Env 1-City of GJ	S Standard Pro	ctor	ABC = Aggreg	ate Base	FILL DENSITY	TEST DAIL	Y REPORT	
1-Atkin	s & Assoc.	M Modified Pro	octor	PR = Pit Rur	1				
location Lincoln	Results indicate in-place soil densities at the s and depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout area.	Nuclear Density Testing of other coarse grained soils me correction of Unit Weight A Content, ASTM D-4718, contain oversize particles in the limits of ASTM D-4718	ay require and Water If soils excess of	performed for a control and is with visual and p	cceptance combined		GRAND JUNCTION LINCOLN DeVORE	En	echnical gineers- eologists

Client:	Elam Construction					Report No:	2	***	
Project:	Grandview Subdivision					Date of Test:	11-10-99		
Locatio	n:				·	Test By: RL			
						GJLD Job No	: 87741-GJ		
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 292 2922) Backscatter Direct Trans. X	2) (ASTM D-1556) Sand Cone	SPECIF	FICATIONS: PI	roject:	City:	X County:	State:	
Test No.	Location of Test			COMPACTION %	COMPAG SPEC. %		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE
31	Sidewalk, Pagosa Dr., sta 9+00, LT @ FSG			93	90M	12.5	+-2	124.9@11.4	С
32	Roadway, Pagosa Dr., sta 8+00, LT lane @	FSG		92	90M	11.9	+-2	124.9@11.4	С
33	Roadway, Pagosa Dr., sta 7+00, RT lane @	FSG		91	90M	12.8	+-2	124.9@11.4	С
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	С
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	С
39	Roadway, Pagosa Dr., sta 6+00 @ FSG			92	90M	12.4	+-2	124.9@11.4	С
	Soils were wetted to Standard Proctor (ASTM D-698	, AASHTO T-99) Optimum Mole	sture but						
1	project specifications utilize Modified Proctor (ASTM	D-1557, AASHTO T-180) Maxi	mum						
	Density, which result in a minimum Dry Density of ap	proximately3 pcf higher than re	quired						
1_	by City of G.J. Higher moisture approved by G.J.L.D		,,,						
DISTR	BUTION: Page 2 of 2	KEY: • Fails Compac	tion Spec.	. C = Cohesi	ive	GRAND JUNCTIO	N LINEOLN D	YORE INC	
1-Clien	t l-Ute Water	** Fails Moistu	ire Spec.	NC = NonCo	-	BY:	<i>\\\\\</i>	Car.	
1-Subd	iv Env 1-City of GJ	S Standard Pro	octor	ABC = Aggreg	ate Base	FILL DENSITY	TEST DAIL	Y REPORT	
1-Atkin	s & Assoc.	M Modified Pr	roctor	PR = Pit Run	1				
location Lincoln	Results indicate in-place soil densities at the as and depths identified above. Grand Junction DeVore has relied on the contractor to provide a mix placement and compactive effort throughout area.	Nuclear Density Testing of other coarse grained soils n correction of Unit Weight Content, ASTM D-4718. contain oversize particles in the limits of ASTM D-4718	nay require And Water If soils nexcess of	performed for a control and is with visual and p	cceptance combined		GRAND JUNCTION LINCOLN DeVORE	En	echnical Igineers- cologists

Client:	Elam Construction					Report No:	3		
Project:	Grandview Subdivision					Date of Test:	11-12-99		
Location	Ľ					Test By: LS	, RL		
						GJLD Job No	: 87741-GJ		
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIE	FICATIONS: PI	roject:	City:	X County:	State:	
Test No.	Location of Test			COMPACTION %	COMPA SPEC.		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE
40	Sidewalk, Pagosa, sta 5+50 @ FSG			98	90M	11.3	+-2	124.9@11.4	С
41	Street, Pagosa, sta 5+50 @ FSG			99	90M	11.3	+-2	124.9@11.4	С
42	Sidewalk, Pagosa, sta 5+50 @ FSG			99	90M	13.1	+-2	124.9@11.4	С
43	Street, Pagosa, sta 4+50 @ FSG			96	90M	13.1	+-2	124.9@11.4	С
44	Sidewalk, Pagosa, sta 3+50 @ FSG			95	90M	12.5	+-2	124.9@11.4	С
45	Street, Pagosa, sta 3+50 @ FSG			90	90M	12.5	+-2	124.9@11.4	С
46	Sidewalk, Pagosa, sta 3+50 @ FSG			94	90M	12.9	+-2	124.9@11.4	С
47	Sidewalk, Keystone Ct., sta 0+50 @ FSG			90	90M	12.0	+-2	124.9@11.4	С
48	Street, Keystone Ct., sta 0+50 @ FSG			92	90M	13.8	+-2	124.9@11.4	С
49	Sidewalk, Keystone Ct., sta 0+50 @ FSG			92	90M	13.0	+-2	124.9@11.4	С
50	Street, Pagosa, sta 2+50 @ FSG			91	90M	11.1	+-2	124.9@11.4	С
51	Sidewalk, Pagosa, sta 1+50 @ FSG		3	90	90M	11.9	+-2	124.9@11.4	С
52	Street, Pagosa, sta 1+50 @ FSG			96	90M	13.3	+-2	124.9@11.4	С
DISTRI	BUTION: Page 1 of 2	KEY: * Fails Compacti	on Spec	. C = Cohesi	ive	GRAND JUNCTIO	N LINCOLN De	VORE-INC.	
1-Client	1-Ute Water	** Fails Moistur	e Spec.	NC = NonCo	hesive	BY:			The same of the sa
1-Subdi	v Env 1-City of GJ	S Standard Proc	ctor	ABC = Aggreg	ate Base	FILL DENSITY	0.00	Y REPORT	
1-Atkins	& Assoc.	M Modified Pro	ctor	PR = Pit Rur	1				
location: Lincoln	Results indicate in-place soil densities at the sand depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout rea.	Nuclear Density Testing of 'p other coarse grained soils ma correction of Unit Weight A Content, ASTM D-4718. contain oversize particles in the limits of ASTM D-4718	ny require nd Water If soil:	performed for a control and is with visual and p	cceptance combined		GRAND JUNCTION LINCOLN DeVORE	E	echnical ngineers- eologists

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Client:	Elam Construction			40.			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	SPECI	FICATIONS: P	roject:	City:	X County:	State:	
Test No.	Location of Test				COMPACTION %	COMPA SPEC.		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE
53	Sidewalk, Pagosa, sta 1+	50 @ FSG			94	90M	12.8	+-2	124.9@11.4	С
54	Street, Pagosa, sta 0+50	@ FSG			97	90M	12.8	+-2	124.9@11.4	С
	Solis were wetted to Standard project specifications utilize Modernsity, which result in a minir	odified Proctor (ASTM D- num Dry Density of appro	1557, AASHTO T-180) Maxin	num						
DICTOR	by City of G.J. Higher moistur		VEV. + E.B.O.				CD AND WDIGHTS	L DIOGINE	VODE DIO	
	BUTION:	Page 2 of 2	KEY: * Fails Compact				GRAND JUNCTIO	N LINCOLAS DE	VURE, INC.	
1-Client			** Fails Moistur	-	NC = NonCo		BY:	r jen		
1-Subdiv	to the state of th		S Standard Pro		ABC = Aggreg		FILL DENSITY	TEST DAIL	Y REPORT	
1-Atkins	& Assoc.		M Modified Pro	octor	PR = Pit Rur	1				
locations Lincoln	Results indicate in-place soil and depths identified above. DeVore has relied on the contr mix placement and compactive rea.	Grand Junction actor to provide	Nuclear Density Testing of other coarse grained soils me correction of Unit Weight A Content, ASTM D-4718. contain oversize particles in the limits of ASTM D-4718	sy require and Water If soil:	performed for a control and is with visual and p	cceptance combined		GRAND JUNCTION LINCOLN DeVORE	Er	echnical ngineers- eologists

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Client:	Elam Construction						Report No:	4		
Project:	Grandview Subdivision		-11				Date of Test:	11-12-99		
Location	n:						Test By: RL			
							GЛLD Job No	: 87741-GJ		
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECII	FICATI	ONS:	Project:	City:	X County:	State:	
Test No.	Location of Test			СОМ	PACTION %	COMPA SPEC.		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			- 1	96	95M	6.0	+-2	136.3@6.8	ABC
64	Sidewalk, Grandview Dr., sta 0+50, LT @ FG			to .	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
2_	SEE PAGE 2 FOR NOTE									
DISTRI	BUTION: Page 1 of 2	KEY: • Fails Compact	tion Spec	. с	= Col	esive	GRAND JUNCTIO	N LINCOLN D	VORE INC.	
1-Clien	t 1-Ute Water	** Fails Moistu	re Spec.	NC	= Non	Cohesive	BY:	4///2		
1-Subdi	iv Env 1-City of GJ	S Standard Pro	octor	AB	C = Agg	regate Base	FILL DENSITY	TEST DAIL	Y REPORT	
1-Atkin	s & Assoc.	M Modified Pr	octor	PR	= Pit F	Run	Land Company	Y-1	13	
location Lincoln	Results indicate in-place soil densities at the as and depths identified above. Grand Junction DeVore has relied on the contractor to provide a mix placement and compactive effort throughout area.	Nuclear Density Testing of other coarse grained soils n correction of Unit Weight a Content, ASTM D-4718, contain oversize particles in the limits of ASTM D-4718	nay require And Wate If soil rexcess o	r con s wit	formed for trol and	ity Testing is r acceptance is combined d penetration		GRAND JUNCTION LINCOLN DeVORE	E	echnical ngineers- eologists

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Client:	Elam Construction						Report No:	4			
Project:	Grandview Subdivision						Date of Test:	11-12-99		India'	
Location	1:						Test By: RL				
				- 13-V			GJLD Job No	o: 87741-GJ			
TEST TYPE:	Nuclear (ASTM 2922) Backscatter	Nuclear (ASTM 2922) Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIF	ICATIONS: P	roject:	City:	X County:	State:		
Test No.	Location of Test				COMPACTION %	COMPA SPEC.		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE	
	La.										
	Soils were wetted to Standa	ard Proctor (ASTM D-698, A	ASHTO T-99) Optimum Mois	ture but							
		,	1557, AASHTO T-180) Maxid	1							
			odmately 3 pcf higher than rec								
	by City of G.J. Higher mois	ture approved by G.J.L.D.									
DISTRIE	BUTION:	Page 2 of 2	KEY: * Fails Compact	ion Spec.	C = Cohesi	ve	GRAND JUNCTIO	N LINCOLN D	VORE INC.		
1-Client	1-Ute Water		** Fails Moistu	re Spec.	NC = NonCo	hesive	BY:				
I-Subdiv	Env 1-City of G.		S Standard Pro	ctor	ABC = Aggreg	ate Base	FILL DENSITY	TEST DAIL	Y REPORT		
1-Atkins	& Assoc.		M Modified Pro	octor	PR = Pit Run						
locations Lincoln	Results indicate in-place s s and depths identified abov DeVore has relied on the co mix placement and compac rea.	e. Grand Junction entractor to provide	Nuclear Density Testing of other coarse grained soils me correction of Unit Weight A Content, ASTM D-4718. contain oversize particles in the limits of ASTM D-4718	ay require and Water If soils excess of	performed for a control and is with visual and p	cceptance combined		GRAND JUNCTION LINCOLN DeVORE	E	echnical ngineers- eologists	

Client:	Elam Construction					Report No:	5		
Project:	Grandview Subdivision					Date of Test:	11-15-99		
Location	ı:					Test By: AR	1		
						GJLD Job No	: 87741-GJ		
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) S Sand Cone	PECIF	ICATIONS: Pr	roject:	City:	X County:	State:	
Test No.	Location of Test			COMPACTION %	COMPAG SPEC. 9		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE
67	Sidewalk, sta 11+00, L side, E Pagosa Dr @ F	ABC		96	95M	7.2	+-2	136.3@6.8	ABC
68	Sidewalk, sta 11+00, R side, E Pagosa Dr @ F	ABC		96	95M	6.9	+-2	136.3@6.8	ABC
69	Sidewalk, sta 1+25, R side, Conifer Ct @ FABO		96	95M	7.2	+-2	136.3@6.8	ABC	
70	Sidewalk, sta 9+30, R side, E Pagosa Dr @ FA		97	95M	7.3	+-2	136.3@6.8	ABC	
71	71 Sidewalk, sta 9+00, L side, E Pagosa Dr @ FABC				95M	7.0	+-2	136.3@6.8	ABC
72	Sidewalk, sta 7+30, R side, E Pagosa Dr @ FA		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 @ F/	ABC		91	90M	11.7	+-2	125.0@11.5	С
75	Roadway, sta 3+25, R lane, Cortland Ave @ F.	ABC		92	90M	12.2	+-2	125.0@11.5	С
76	Roadway, sta 0+85, R lane, Cortiand Ave @ F.	ABC		92	90M	12.5	+-2	125.0@11.5	С
77	Sidewalk, sta 0+85, R side, Cortland Ave @ FA	ABC		91	90M	13.4	+-2	125.0@11.5	С
)	SEE PAGE 2 FOR NOTE								
DISTRI	BUTION: Page 1 of 2	KEY: * Fails Compaction	ı Spec.	C = Cohesi	ive	GRAND JUNCTIO	N LBURGLADE	VORZ INE	-
1-Client	1-Ute Water	** Fails Moisture S	Spec.	NC = NonCo	hesive	BY: RL	all le		
1-Subdi	v Env 1-City of GJ	S Standard Procto	or	ABC = Aggreg	ate Base	FILL DENSITY	TEST DAIL	Y REPORT	
1-Atkins	s & Assoc.	M Modified Procto	00	PR = Pit Run	1				
location: Lincoln	Results indicate in-place soil densities at the sand depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout trea.	Nuclear Density Testing of 'pit other coarse grained soils may correction of Unit Weight And Content, ASTM D-4718. If contain oversize particles in exthe limits of ASTM D-4718	require I Water soils	performed for a control and is with visual and p	cceptance combined		GRAND JUNCTION LINCOLN DeVORE	Er	echnical igineers- eologists

Client:	Elam Constructio	n					Report No:	5			
Project:	Grandview Subdi	vision					Date of Test:	11-15-99			
Location	:						Test By: AR				
							GJLD Job No	: 87741-GJ			
TEST TYPE:	Nuclear (AST 2922) Backsca		(ASTM D-1556) Sand Cone	SPECIF	CATIONS: P	roject:	City:	X County:	State:		
Test No.	Location of Test				COMPACTION %	COMPA SPEC. 9		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE	
				- 1							
	Calle was walted to	Discussion of December (A CTAA D. 606. A	A CLITO T OO) Online on Marie								
		Standard Proctor (ASTM D-698, A									
		utilize Modified Proctor (ASTM D		- 1							
	5.0	er moisture approved by G.J.L.D.	oxinately 5 pc; thyrici than re	quireu							
DISTRIE	BUTION:	Page 2 of 2	KEY: * Fails Compac	tion Spec	C = Cohesi	ve	GRAND JUNCTIO	N LINCOLN De	VORE INC.		
I-Client		Water	** Fails Moistu		NC = NonCo		BY: RL				
1-Subdiv		y of GJ	S Standard Pro	_	ABC = Aggreg	- 1	FILL DENSITY	TEST DAIL	Y REPORT		
1-Atkins	& Assoc.		M Modified Pr	roctor	PR = Pit Run						
locations Lincoln	Results indicate in- s and depths identifie DeVore has relied on mix placement and c rea.	Nuclear Density Testing of other coarse grained soils n correction of Unit Weight. Content, ASTM D-4718. contain oversize particles in the limits of ASTM D-4714	nay require And Water If soils n excess of	performed for a control and is with visual and p	cceptance combined		GRAND JUNCTION LINCOLN DeVORE	Geotechnica Engineers Geologist			

	Client:	Elam Construction						Report No:	6		T
	Project:	Grandview Subdivision	Tru					Date of Test:	11-17-99	g)	
	Location	:						Test By: RL	, LS		
								GJLD Job No	: 87741-GJ		
	TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D- Sand Cor	1556) SP	ECIF	ICATIONS: PI	roject:	City:	X County:	State:	
	Test No.	Location of Test				COMPACTION %	COMPA SPEC.		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE
	78	Sidewalk, E Pagosa Dr., sta 5+50, E side @ F0	3			95	95M	5.2	+-2	136.3@6.8	ABC
	79	Sidewalk, E Pagosa Dr., sta 5+50, W side @ F	G			98	95M	5.9	+-2	136.3@6.8	ABC
-	80	Sidewalk, E Pagosa Dr., sta 5+50, W side @ F	G			97	95M	6.2	+-2	136.3@6.8	ABC
	81	Sidewalk, E Pagosa Dr., sta 5+50, E side @ F0	3			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 @ Fo	3		ः	98	95M	5.7	+-2	136.3@6.8	ABC
	85	Sidewalk, E Pagosa Dr., sta 5+50, E side @ Fo	3			98	90M	6.1	+-2	136.3@6.8	ABC
		Soils were wetted to Standard Proctor (ASTM D-698, A project specifications utilize Modified Proctor (ASTM D-	-	<i>(</i> *)	- 1	*					
-		Density, which result in a minimum Dry Density of appro	oximately 3 pcf l	higher than require	ď						
-		by City of G.J. Higher moisture approved by G.J.L.D.								2	
	DISTRIE	SUTION:	KEY: * F	ails Compaction 5	Spec.	C = Cohesi	ive	GRAND JUNCTIO	NLINCOLNE	VORE INC.	
	1-Client	I-Ute Water	**	Fails Moisture S _I	pec,	NC = NonCo	hesive	BY: RL		111	
	1-Subdiv	Env 1-City of GJ	s	Standard Proctor		ABC = Aggreg	ate Base	FILL DENSITY	TEST DAIL	Y REPORT	
	1-Atkins	& Assoc.	М	Modified Proctor	r	PR = Pit Run	ı				
	locations Lincoln 1	Results indicate in-place soil densities at the and depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout rea.	other coarse g correction of Content, AST	ity Testing of 'pit n prained soils may re Unit Weight And V I'M D-4718. If ze particles in exce STM D-4718	equire Water soils	performed for a control and is with visual and p	cceptance combined		GRAND JUNCTION LINCOLN DeVORE	Er	echnical ngineers- eologists

Client Ela	am Construction	on O			0	Job	No. 87	741-GJ
Project Gr	andview Subo	division				Tested	1 By	JD
Test Location	N side, Grand	dview Dr.				Test D)ate 11	-17-99
Concrete Supp	lier WWBM			Slu	ımp (ASTM C		No. of	
Truck No.					Content (AST			_
Mix, Proportion					ncrete Tempe	erature (AST	M C-1064)	64 °F
28-Day Requir	_				sted At			
Cement Type				Wa	ater Added _	7		gallons
6" x 12"	Avg. Cyl.	Cross-	Unit	Total	Unit	Break	Break	Age
Cylinder	Diameter	sectional	Weight	Load	Stress	Туре	Date	(Days)
No.	(inches)	Area (sq.in.)	(pcf)	(lbs)	(psi)			
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
	<u>.</u>		1					
	Į.							
		1.						
20 - 24	N/2/2 II			-		71 / A	Y - A	4.1 49.91
Remarks:	125						A.	
rtomarks.								
Specimen or C	ap Defects:							
_								
Distribution:					unction Lincol		The second second	
					1) working day			
1-Client	\				feld tests and			
1-Auxins & A					test performe I report will inc			
1-WWBM					ent after the 2			
					e responsible			
*Does Not Mee	t Required St	rength (if applic	cable)		ults by other th	-	-	
Break Types:				Grand J	unction Lincol	n DeVore, I	nc.	
	al Mortar Brea							
V - Shear	al Aggregate E	Break					- 1	
A - Sueal	DICAK			10.0	2	6		
Final Report:				Ву: 🥢	1 En	1/6	Contract of the second	
	GRAND I	UNCTION	-:		Con	crete Test	Report	
		N - DeVORE	Inc		Com		France	
		technical Consi	E	First Da	te Issued	Final	Report Date	e Issued
		d Junction, Color	*************		11-24-99			

Client:	Elam Construction	4-84				Report No:	7		1 1 1
Project:	Grandview Subdivision					Date of Test:	11-18-99		
Location	:	*			1741	Test By: AR	1		
						GJLD Job No	: 87741-GJ		
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIF	FICATIONS: Pr	roject:	City:	X County:	State:	
Test No.	Location of Test			COMPACTION %	COMPAC SPEC. %		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE
86	Sidewalk, sta 0+80, S side, Courtland Ave @ FABO			98	95M	5.2	+-2	136.3@6.8	ABC
87	Sidewalk, sta 2+75, S side, Courtland Ave @ FABO			96	95M	5.1	+-2	136.3@6.8	ABC
DISTRIE	BUTION:	KEY: * Fails Compacti	ion Spec.	C = Cohesi	ve	GRAND JUNCTIO	N LINCOLN De	VORE, INC.	
1-Client	1-Ute Water	** Fails Moistur	e Spec.	NC = NonCo	hesive	BY: The			
1-Subdiv	Env 1-City of GJ	S Standard Pro	clor	ABC = Aggreg	ate Base	FILL DENSITY	TEST DAIL	Y REPORT	
1-Atkins	& Assoc.	M Modified Pro	ctor	PR = Pit Run					
locations Lincoln	Results indicate in-place soil densities at the and depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout rea.	Nuclear Density Testing of other coarse grained soils me correction of Unit Weight A Content, ASTM D-4718. contain oversize particles in the limits of ASTM D-4718	ny require and Water If soils excess of	performed for a control and is with visual and p	cceptance combined		GRAND JUNCTION LINCOLN DeVORE	Er	echnical ngineers- eologists



HAR W)

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 ANA	ALYSIS		OTHER TESTIN	G	
		Job Mix			
Sieve Size	Sample I	Specs.		Sample I	Specs
1"	100	100		-	•
3/4	100	100	% Asphalt Content	5.1	5.4+0.5
1/2	94	82-94	Location of Sample	See above	_
3/8	80	71-83	Sample Date	11-15-99	
#4	60	50-60	Sample Time	0948	
#8	43*	32-42	Sample Temp.	275	275±5
#16	33	-	Air Temp.	55	_
#30	28*	18-26	•		
#50	19	-			
#100	11	-			
#200	6.4	3.6-7.6			

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

MICON

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

Reviewed By:

dward M. Morris, PE

CALE: DATE:



Client	Elam Construction	on				Job	No. 87	7741-GJ			
Project	Grandview Subd	ivision				Tested	Ву	JD			
Test Location	N side, Grand	lview Dr.				Test D	ate1	1-17-99			
					ımp (ASTM C-	143)	1 1/2	inches			
		Ticket No.				· · ·					
		3000	pei								
-			psi								
			15-74			A					
		100	(100 D.O.O.O.)	57 TATAMADA 13	Lambara Contraction	5.00	3400 14				
1			1	(lbs)		1,700	Date	(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	421.0	CM	12-15	28			
4	6.00	28.27	141.6					Reserve			
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		enux.					_				
	Control of the party of the second of the se		The second secon								
Remarks:											
Cassiman	- Can Dafacia:										
Specimen o	Cap Delects.										
Distribution:				Grand J	unction Lincolr	n DeVore re	quires a m	inimum			
				of one (1) working day	's notice to	schedule p	ersonnel for			
1-Client											
A 8 855 -				_							
1-44460											
*Does Not N	rest Location N side, Grandview Dr. Concrete Supplier WWBM Truck No. 14 Ticket No. 14 Ticket No. 15 Page 15 P										
						D-17					
7.7		l-		Grand J	unction Lincolf	i Devore, li	nc.				
	Project Grandview Subdivision Tested By JD										
					- 2		- NU				
Final Report	Test Location N side, Grandview Dr. Test Date 11-17-99										
i mai itepoli	Project Grandview Subdivision Tested By JD										
	GRAND J	UNCTION			Conc	rete Test	Report				
Project Grandview Subdivision Test Location N side, Grandview Dr. Test Location N side, Grandview Dr. Test Location N side, Grandview Dr. Test Date 11-17-99 Concrete Supplier WWBM Truck No. 14 Ticket No. 14 Ticket No. 15 Concrete Temperature (ASTM C-124) 1/4. 4/9 Concrete Temperature (ASTM C-1644) 2/4. 9/6 Concrete Temperature (ASTM C-1644) 2/4. 9/6 Concrete Temperature (ASTM C-1644) 2/4. 9/6 Concrete Temperature (ASTM C-1644) 2/4. 9/6 Tested At chute, 2 cu yds Water Added 7 gellons G*x 12* Avg. Cyl. Cross- Unit Load Stress Type Date (Days) 1 5-99 28.18 143.1 10.0 (pcf) ((bs) (psi											
	Stribution: 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. 1-City of GJ 1-WWBM 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 GRAND JUNCTION LINCOLN - DeVORE, Inc. Grand Junction Lincoln DeVore requires a minimum of one (1) working day's notice to schedule personnel 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. Concrete Test Report										
·	Grand	Junetion, Colo	=00		11-24-33		.4-1.3.99				

	Client:	Elam Construction					Report No:	8		
	Project:	Grandview Subdivision					Date of Test:	3-30-00		
	Location	:					Test By: AR			
		A) 1 0					GJLD Job No	: 87741-GJ		
	TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIF	ICATIONS: Pr	roject:	City:	X County:	State:	
	Test No.	Location of Test			COMPACTION %	COMPAC SPEC. %		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	11	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	- 1	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	- 18 B	96	95	7.0	+-2	136.3@6.8	ABC
	DISTRIE	OUTION: Page 1 of 3	KEY: * Fails Comp	action Spec.	C = Cohesi		GRAND JUNCTIO	N LINCOLN De	VORE, INC.	
	l-Client	1-Ute Water	** Fails Moi	sture Spec.	NC = NonCo	hesive	BY:		Man.	
	l-Subdiv	Env 1-City of GJ	S Standard	Proctor	ABC = Aggreg	ate Base	FILL DENSITY	TEST DAIL	Y REPORT	
L	-Atkins	& Assoc.	M Modified	Proctor	PR = Pit Run	1		4	× 22	4
	ocations Lincoln I	Results indicate in-place soil densities at the and depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout rea.	Nuclear Density Testing other coarse grained soil correction of Unit Weigl Content, ASTM D-471 contain oversize particle the limits of ASTM D-47	s may require ht And Water 8. If soils s in excess of	performed for accontrol and is with visual and per	cceptance combined		GRAND JUNCTION LINCOLN DeVORE	En	echnical ngineers- eologists

Client	Elam Construction				T.	Report No:	8		
Projec	: Grandview Subdivision					Date of Test:	3-30-00		_: .
Location	on:					Test By: AR	2		
						GJLD Job No	x: 87741-GJ		
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECI	FICATIONS: PI	roject:	City:	X County:	State:	
Test No.	Location of Test	5		COMPACTION %	COMPAG SPEC. %		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE
101	Roadway, sta 0+50, R lane, E Pagosa Dr @ FA	ABC		98	95	6.9	+-2	136.3@6.8	ABC
102	Roadway, sta 1+50, L lane, E Pagosa Dr @ FA	ABC	ĺ	95	95	6.9	+-2	136.3@6.8	ABC
103	Roadway, sta 2+50, R lane, E Pagosa Dr @ FA		96	95	6.5	+-2	136.3@6.8	ABC	
104	Roadway, sta 3+50, L lane, E Pagosa Dr @ FA		95	95	6.4	+-2	136.3@6.8	ABC	
105	Roadway, sta 4+50, R lane, E Pagosa Dr @ FA	ABC		98	95	6.2	+-2	136.3@6.8	ABC
106	Roadway, sta 5+50, L lane, E Pagosa Dr @ FA		98	95	6.0	+-2	136.3@6.8	ABC	
107	Roadway, sta 6+50, R lane, E Pagosa Dr @ FA	ABC		97	95	6.2	+-2	136.3@6.8	ABC
108	Roadway, sta 7+50, L lane, E Pagosa Dr @ FA	ABC	į.	96	95	5.6	+-2	136.3@6.8	ABC
109	Roadway, sta 8+50, R lane, E Pagosa Dr @ F/	ABC		98	95	5.4	+-2	136.3@6.8	ABC
110	Roadway, sta 9+50, L lane, E Pagosa Dr @ FA	ABC		96	95	7.0	+-2	136.3@6.8	ABC
111	Roadway, sta 10+50, R lane, E Pagosa Dr @ F	FABC		95	95	6.4	+-2	136.3@6.8	ABC
112	Roadway, sta 11+00, L lane, E Pagosa Dr @ F	ABC		98	95	7.4	+-2	136.3@6.8	ABC
113	Roadway, sta 0+50, R lane, Keystone Ct @ FA	BC		96	95	6.6	+-2	136.3@6.8	ABC
DISTR	IBUTION: Page 2 of 3	KEY: • Fails Compacti	ion Spec	. C = Cohesi	ve	GRAND JUNCTIO	N LINCOLN De	VORE, INC.	
1-Clien	nt 1-Ute Water	** Fails Moistur	e Spec.	NC = NonCo	hesive	BY:	Alle		2
1-Subo	liv Env 1-City of GJ	S Standard Pro	ctor	ABC = Aggreg	ate Base	FILL DENSITY	TEST DAIL	Y REPORT	
1-Atki	ns & Assoc.	M Modified Pro	ctor	PR = Pit Run					
locatio Lincol	Results indicate in-place soil densities at the ns and depths identified above. Grand Junction to DeVore has relied on the contractor to provide n mix placement and compactive effort throughout area.	Nuclear Density Testing of 'other coarse grained soils mu correction of Unit Weight A Content, ASTM D-4718. contain oversize particles in the limits of ASTM D-4718	ay require and Wate If soil excess o	performed for a control and is with visual and p	cceptance combined		GRAND JUNCTION LINCOLN DeVORE	En	echnical ngineers- eologists

Client:	Elam Construction					Report No:	В		
Project:	Grandview Subdivision					Date of Test:	3-30-00		
Location	i.					Test By: AF	1		
						GJLD Job No	: 87741-GJ		
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIF	TICATIONS: P	roject:	City:	X County:	State:	
Test No.	Location of Test			COMPACTION %	COMPAG SPEC. 9		MOISTURE SPEC, %	PROCTOR VALUE	SOIL TYPE
114	Roadway, sta 1+05, L lane, Keystone Ct @ FA	BC		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
DISTRII 1-Client	Page 3 of 3	KEY: * Fails Compacti	•	C = Cohesi		GRAND JUNCTION BY:			
1-Subdiv		S Standard Pro	•	ABC = Aggreg	1	FILL DENSITY	_	Y REPORT	
1-Atkins	& Assoc.	M Modified Pro	octor	PR = Pit Rus	1				
locations Lincoln	Results indicate in-place soil densities at the sand depths identified above. Grand Junction DeVore has relied on the contractor to provide mix placement and compactive effort throughout rea.	Nuclear Density Testing of 'other coarse grained soils mucorrection of Unit Weight A Content, ASTM D-4718. contain oversize particles in the limits of ASTM D-4718	ay require and Water If soils excess of	performed for a control and is with visual and p	cceptance combined	、物理、错	GRAND JUNCTION LINCOLN DeVORE	Er	echnical ngineers- eologists

_	Elam Construction					Report No:	9		
Project	: Grandview Subdivision					Date of Test:	3-31-00		
Location	n:					Test By: AR	l.		
						GJLD Job No	: 87741-GJ		
TEST TYPE:	Nuclear (ASTM Nuclear (ASTM 2922) 2922) Backscatter Direct Trans. X	(ASTM D-1556) Sand Cone	SPECIF	ICATIONS: Pr	oject:	City:	X County:	State:	
Test No.	Location of Test			COMPACTION %	COMPAG SPEC. 9		MOISTURE SPEC. %	PROCTOR VALUE	SOIL TYPE
117	Roadway, sta 0+50, L lane, Courtland Ave @ F	ABC		96	95	6.1	+-2	136.3@6.8	ABC
118	Roadway, sta 1+50, R lane, Courtland Ave @ i	FABC		95	95	6.0	+-2	136.3@6.8	ABC
119	Roadway, sta 2+50, L lane, Courtland Ave @ F	FABC		95	95	6.7	+-2	136.3@6.8	ABC
120	Roadway, sta 3+50, R lane, Courtland Ave @ 1	FABC		95	95	5.7	+-2	136.3@6.8	ABC
								-	
	BUTION:	KEY: * Fails Compact	-			GRAND JUNCTION AR BY:	N LINCOLN De	VORE, INC.	
1-Clien		** Fails Moistur	•	NC = NonCol	- 1	1	a (//,		
1-Subd		S Standard Pro		ABC = Aggrega		FILL DENSITY	TEST DAIL	Y REPORT	
-	s & Assoc.	M Modified Pro		PR = Pit Run					
location	Results indicate in-place soil densities at the as and depths identified above. Grand Junction DeVore has relied on the contractor to provide a mix placement and compactive effort throughout area.	Nuclear Density Testing of other coarse grained soils me correction of Unit Weight A Content, ASTM D-4718. contain oversize particles in the limits of ASTM D-4718	ay require And Water If soils excess of	performed for ac control and is a with visual and po	combined		GRAND JUNCTION LINCOLN DeVORE	Er	echnical ngineers- eologists

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.

ARTÍCLE II

PROPERTY RIGHTS

- <u>Section 1. Irrigation Water Delivery System.</u> 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.