CFS ENGINEERS

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FIELD COMPACTION TEST DATA

CLIENT: NLV Townhomes LLC
440 SW Longview Blvd
Lee's Summit, Missouri 64081

PROJECT: North Longview Townhomes
Lee's Summit, MO

ATTN: Russell Pearson

INSPECTOR: L. Myers

DATE: 11/9/2022

REPORT #: 22-1157-dr-1B

TEST NO.	TEST LOCATION	SOIL ID / LAB NO.	DEPTH / ELEV.	IN PLACE WET DENSITY (pcf)	IN PLACE DRY DENSITY (pcf)	IN PLACE MOISTURE CONTENT (%)	PERCENT COMPACTION (%)	COMMENT
1	Manhole 1-1	L22-218	-12'	113.5	89.9	26.3	95	4A
2	Manhole 1-1	L22-218	-4'	117.7	93.1	26.4	98	4A
3	Manhole 1-1	L22-218	-2'	118.8	95.1	24.9	100	4A
4	Manhole 4-1	L22-218	-15'	118.8	93.5	27.1	99	4A
5	Manhole 4-1	L22-218	-12'	117.8	96.4	22.2	102	4A
6	Manhole 4-1	L22-219	-9'	119.7	99.2	20.7	99	4A
7	Manhole 4-1	L22-218	-6'	120.6	96.8	24.6	102	4A
8	Manhole 4-1	L22-219	-4'	119.3	97.7	22.1	97	4A
9	Manhole 4-1	L22-219	-2'	123.1	100.4	22.6	100	4A

LAB DATA				SPECIFICATIONS	
SOIL ID/LAB NUMBER:	SOIL DESCRIPTION	MAXIMUM DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	COMPACTION SPEC (%)	MOISTURE RANGE (%)
L22-218	Brown Fat Clay	94.8	24.6	95	-3 / +3
L22-219	Red Fat Clay	100.6	21.8	95	-3 / +3

NUCLEAR DENSITY GUAGE	
Make:	TROXLER
Model:	3430
Serial Number:	31285
Gauge No:	9

COMMENTS	
1. Structural Fill	A. Test Results in Substantial Compliance with Project Specifications
2. General Fill	B. Recompaction Required
3. Base Course	C. Test is After Recompaction
4. Trench Backfill	D. Moisture in Excess of Specs.
5. Other	E. Moisture Below Specs.

ADDITIONAL COMMENTS

Respectfully Submitted,
COOK, FLATT & STROBEL ENGINEERS, P.A.

Adam McEachron, P.E | Senior Project Engineer

Field results reported to Tony

with Trinity