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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: M. Duke / K. Burnett

DATE: 1/13/2023

REPORT #: 22-1157-dr-4B

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
AM Tests								
1	SW Haveford Rd - SE Corner (See Map - Report #4C)	L22-219	-4'	117.6	99.6	18.2	99.0	2A
2	SW Haveford Rd - SE Corner (See Map - Report #4C)	L22-219	-4'	120.2	101.8	18.0	101.2	2A
3	SW Haveford Rd - SE Corner (See Map - Report #4C)	L22-219	-4'	118.9	98.5	20.8	97.9	2A
4	SW Haveford Rd - SE Corner (See Map - Report #4C)	L22-219	-3'	123.0	101.7	21.4	101.1	2A
5	SW Haveford Rd - SE Corner (See Map - Report #4C)	L22-219	-3'	123.2	102.5	20.2	101.9	2A
6	SW Haveford Rd - SE Corner (See Map - Report #4C)	L22-219	-3'	120.4	100.3	20.0	99.7	2A
PM Tests								
1	SW Haverford - 75' N of Kessler	L22-219	0	117.9	97.3	18.2	96.7	1A
2	SW Haverford - 150' N of Kessler	L22-219	0	117.0	97.4	18.0	96.8	1A

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 GAUGE	
Make:	TROXLER
Model:	3430
Serial Number:	38517
Gauge No:	15

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

ADDITIONAL COMMENTS

All results and observations relate only to the items inspected or tested. This report shall not be reproduced, except in full, without the prior written approval of CFS.

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

Adam McEachron, P.E | Senior Project Engineer

Field results reported to _____
with _____