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# Proctor Report

**Client:** ASSOCIATED WHOLESALE GROCERS  
5000 KANSAS AVENUE  
KANSAS CITY, KS 66106

**CC:** BRYAN BOYD  
CHANCE CARRENDER  
NATHAN HALL  
STEVE MOE

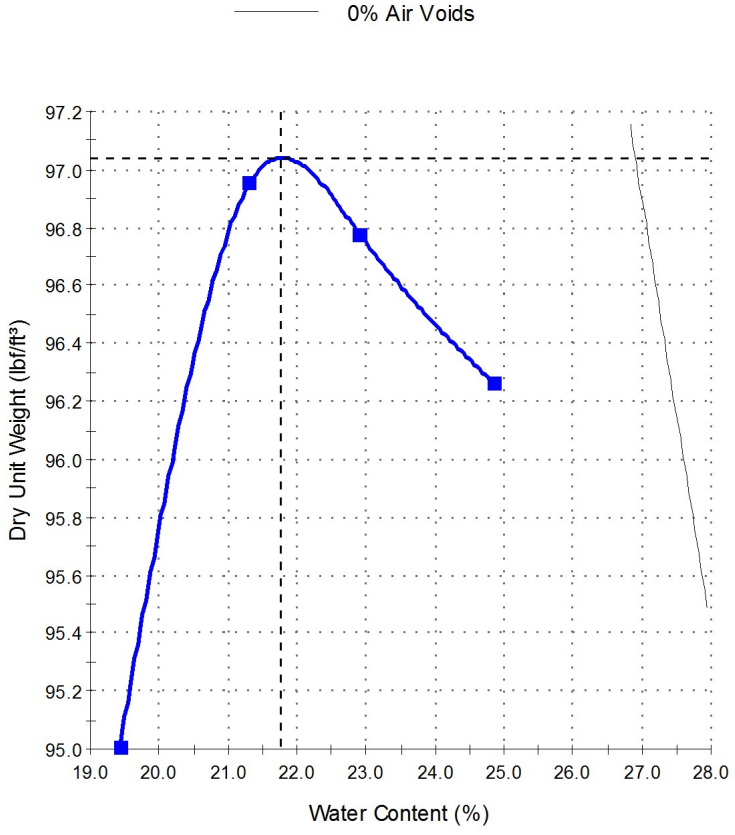
**Project:** MCKEEVERS MARKET & EATERY  
#950  
LEE'S SUMMIT, MO

Approved Signatory: William Melton (Staff Engineer)  
Date of Issue: 11/11/2019

## Sample Details

<b>Sample ID:</b> 03533177-1-S1	<b>Date Sampled:</b> 11/5/2019
<b>Date Received:</b> 11/5/2019	<b>Sampled By:</b> Josh Motti
<b>Specification:</b>	<b>Source:</b> On-site
<b>Material:</b> Red / Br fat clay w/5% lime	<b>Sampling Method:</b> Sampled from in-place material
<b>General Location:</b> Middle of building pad	<b>Location:</b> Gridline G, 4.5 8"-16"
<b>Tested By:</b> Keith Upschulte	<b>Date Tested:</b> 11/8/2019

## Dry Unit Weight - Water Content Relationship



## Test Results

ASTM D 698

**Maximum Dry Unit Weight (lb/ft³):** 97.0

**Optimum Water Content (%):** 21.8

Method: A

Preparation Method: Dry

Rammer Type: mechanical

Specific Gravity (Fines): 2.68

Specific Gravity Method: Estimated

Retained Sieve No 4 (4.75mm) (%): 0

Passing Sieve No 4 (4.75mm) (%): 100

Tested By: Keith Upschulte

Date Tested: 11/8/2019

ASTM D 4318

Liquid Limit (%): 64

Plastic Limit (%): 18

Plasticity Index (%): 46

Tested By: Tyler Cochrane

Date Tested: 11/7/2019

## Comments

Lime source Mt. Carmel.  
ASTM D4318 performed on natural material, no stabilization.