



Professional Service Industries, Inc.  
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Report No: PTR:03533177-2-S5

Issue No: 1

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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

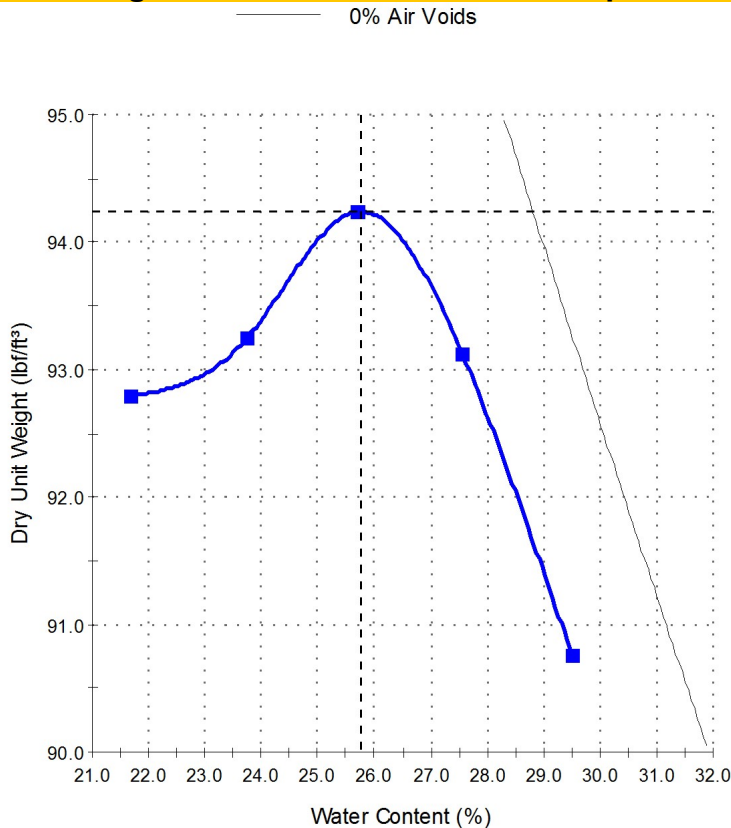
**Project:** MCKEEVERS MARKET & EATERY  
#950  
LEE'S SUMMIT, MO

Approved Signatory: William Melton (Staff Engineer)  
Date of Issue: 11/19/2019

### Sample Details

<b>Sample ID:</b>	03533177-2-S5	<b>Date Sampled:</b>	11/12/2019
<b>Date Received:</b>	11/12/2019	<b>Sampled By:</b>	Josh Motti
<b>Specification:</b>		<b>Source:</b>	On-site
<b>Material:</b>	Red Br / Br fat clay w/6% lime	<b>Sampling Method:</b>	Sampled from in-place material
<b>General Location:</b>	Middle of blg pad	<b>Location:</b>	1 to -1.5'
<b>Tested By:</b>	Marc Hohe	<b>Date Tested:</b>	11/14/2019

### Dry Unit Weight - Water Content Relationship



### Test Results

ASTM D 698

**Maximum Dry Unit Weight (lb/ft³):** 94.2

**Optimum Water Content (%):** 25.8

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: Marc Hohe

Date Tested: 11/14/2019

ASTM D 4318

Liquid Limit (%): 61

Plastic Limit (%): 37

Plasticity Index (%): 24

Tested By: Mary Edwards Sowers

Date Tested: 11/18/2019

### Comments

Lime source Mt. Carmel  
ASTM D4318 performed with stabilization