

# STRUCTURAL STEEL OBSERVATIONS REPORT

# Terracon

**Report Number:** 70211086.0013  
**Service Date:** 11/10/21  
**Report Date:** 11/12/21  
**Task:** Task III - Structural Steel

2401 Brentwood Rd Ste 107  
Raleigh, NC 27604-3686  
919-873-2211 Reg No: F-0869

## Client

Rhetson Companies Inc  
Attn: Brandon Smith  
2075 Juniper Lake Rd  
West End, NC 27376-8919

## Project

Dollar General #22524 - Spring Lake, NC  
5600 Ray Road  
Spring Lake, NC

Project Number: 70211086

**Services Requested By:** Dustin Millwood with Rhetson Companies

**Elevation(s)/Location(s):** Grid Lines A-D and 1-6 at the Ground-Roof Elevations

**Type of Observation:** Final

**Referenced Documents:** Dollar General #22524 Structural Drawings Dated 2/22/21  
Metallic Building Systems Erection Drawings 5/28/2021

**Steel Members:** Anchor bolts (5/8, 3/4)/ Beams (W8x10, W8x13, W8x18, W10x12)

**Observation Results:** Based on our visual observations, the anchor bolts and washers were at each column base to a snug tight condition in accordance with AISC and RCSC criteria. The completed connections observed at the roof framing appeared to be the proper size, type, tension and alignment in conformance to the drawings identified above. Attachment and fit up assemblies were also visually reviewed at each connection and were found to be completed in accordance with AISC/RCSC criteria.

**Exceptions:** None

**Additional Comments:**

### *X Bracing*

- X bracing at the walls and roof elevation were observed to be in a taut condition and deemed visually acceptable per the referenced documents.

### *Flange Braces*

- Flange braces were observed to be in a snug tight condition and deemed visually acceptable per the referenced documents.

**All Comments Were Communicated to:** Dustin Millwood

**Services:** Bolted and/or Welded Observations.

**Terracon Rep.:** Jesse Adam

**Reported To:** Dustin Millwood with Rhetson Companies

**Contractor:**

**Report Distribution:**

(1) Rhetson Companies Inc, Brandon Smith

**Reviewed By:** \_\_\_\_\_

David Carver

Construction Services Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.