

WELDTEST SERVICES

Certification, Inspection, & Training

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Welding Inspection For:

Caltech Testing, Inc.

3309 FL-247

Lake City FL 32024

Project:

United States Cold Storage

23-297

Location:

211 NE McCloskey Ave

Lake City, FL

Date: 12/10/23

Report No.: 247-23

Type of Inspection:

Visual Inspection (VT) of welded joints per AWS D1.1-2020 Structural Welding Code - Steel, Clause 8, Table 8.1 and Drawings supplied by Stellar Construction.

Welding Inspection performed by Chris Utman, AWS CWI # 13072881.

Date(s) of Inspection: 10/20/23, 10/23/23, 10/26/23, 11/2/23, 11/9/23, 11/15/23, 11/20/23 and 12/8/23. See Inspection Report #205-23, #210-23, #213-23, #216-23, #230-23 and #233-23 for previous evaluation.

Inspection Evaluation:

Welded components inspected included columns, girders, joists, and decking. Welding was performed by R&D Erectors using the SMAW process with E7018 electrodes. Welding certifications were submitted and were found to be acceptable.

Follow up inspection of previously noted deficiencies was performed on 12/8/23. The Mezzanine Deck of the Break Room was inspected as well. Note: Bridging terminations were not attached to the end walls.

TC bolted connections at the braced frames were completed and found to be acceptable. No other deficiencies were completed at time of inspection.

Threads of the Sag Rods have not been "marred" as required as of 12/8/23 inspection. The slip connection at location 23/K5 at the roof level is welded. Detail 5/E301B requires this connection to allow for movement by tack welding the nuts to the bolts inside slotted connections. An RFI will be required to determine if the welded connection is acceptable or if repair is necessary. This RFI has not yet been submitted. Nuts are not tack welded to the bolts in the other locations of the building where slotted connections are required. See list of remaining deficiencies below.

Remaining Deficiencies:

- Tighten column base plate anchors. These are loose in several locations
- Weld (1) plate washer at braced frame locations along Line 23
- Tack nuts to threaded rod at slip connections
- Weld girder stabilizer plates at braced frames
- Marr threads on Sag Rods per Detail2/E301A
- RFI for welded connection opposed to slotted connection at 23/K5
- Completion of the entrance structure at 23.1/H.8

Photos:



**Bridging not anchored
in Breakroom Area**



**Slip connection at 23/K5
not completed**



**Loose anchors found in several
locations along Line 23**



**Threads on sag rods not marred
as required**



**Previously missing plate washer
welds completed**



TC bolts at braced frames completed



Structure not completed at 23.1/H.8



23/E.2 weld missing at plate washer



Loose anchor bolts along Line A.8



Bottom chords of joists not welded to stabilizer plates per Detail 8/301D

I certify that the above inspection report is true and accurate.

Chris Utman

Chris Utman AWS CWI # 13072881