

Mappa, Inc.

1956 Richardson Highway
North Pole, AK 99705
(907) 488-1266

Special Inspection Daily Report

Client: Cornerstone

Project: FW-405

Test Date: 5/28/26

Test Time: _____

Inspector: John Trush

Contact: Calvin

Type of Inspection: Epoxy

Time Charged to Project: Start Time 130 End Time 230 Total Hours Charged RT 2 OT _____

Inspections performed and locations

Location	Inspection Performed
Mess Hall East W Steps Column Straps (2 each) Operation/Storage North and south Steps Column Straps (2 each)	Observed the application of epoxy at listed locations, by cornerstone personnel. Holes were cleaned by blow, brush, blow method. Holes were drilled to enable 4 1/2" of embedment. Red Head CG plus epoxy, expiration dated 07/27 was injected from bottom of hole to top. 3/4" All thread straps were inserted in a twisting motion to ensure encapsulation in epoxy. Epoxy was applied in accordance with approved contract documents. Please reference sheet SB 302 Detail B and attached Hilti adhesive Anchors check List attached.

Items requiring correction, correction of previously listed items and/or previously listed uncorrected items

	<u>NONE</u>

Changes to approved plans authorized by engineer or architect of record (include paperwork)

	<u>NONE</u>

To the best of my knowledge, work inspected was in accordance with the approved plans and specifications

Signature: [Signature]

Printed Name: John R. Trush CBT

Adhesive Anchors Inspection Checklist for Concrete and Masonry

Periodic special must be performed where required in accordance with Section 1705.1.1 and Table 1705.3 of the 2012 IBC, or Section 1704.15 of the 2009 IBC and Table 1704.4 or Section 1704.13 of the 2006 or 2003 IBC, whereby periodic special inspection is defined in Section 1702.1 of the IBC and this report. (See Structural Drawings for Inspection requirements)

Project Name: Corner stone / FTW 405
 Project Location: Fort Wainwright ALASKA
 Weather: over cast Air Temperature: 60 (°F / °C)

CODES

- ☐ IBC 2003
☐ IBC 2006
☐ IBC 2009
☒ IBC 2012

Seismic Zone/ Seismic Design Category

D

Adhesive

Product Name/Manufacturer: Redhead CG+
 Lot No.: 25264200
 ICC-ES Report No.: 4046
 Adhesive expiration Date: 07/27 ☒ Specified Dispenser ☐ Specified Mixer
 Discard Initial Adhesive: 4 (# trigger pulls)
 Adhesive Temperature: 61 (°F / °C) Gel Time: 16 min Cure Time: 6.5 hrs
(per manufacturers installation instructions)

Adhesive Element

Type: ☒ All-Thread ☐ Internally Threaded ☐ Torque-Controlled ☐ Rebar ☐ Other _____
(Safeset™ only to be used with Hilti HIT-HY 200)
 Material: ☐ Standard ☒ Stainless Steel ☐ High Strength
 Steel Grade/Coating: _____ Length: 6 (in/mm)
 Rod Diameter: ☐ 3/8" ☐ 1/2" ☐ 5/8" ☒ 3/4" ☐ 7/8" ☐ 1" ☐ 1-1/4" ☐ Other _____
 Rebar: ☐ #3 ☐ #4 ☐ #5 ☐ #6 ☐ #7 ☐ #8 ☐ #9 ☐ Other _____

Base Material

Base Material Type: ☒ NW Concrete ☐ LW Concrete ☐ Brick ☐ CMU ☐ Other _____
 Base Material Strength: ☐ 2000 psi ☐ 3000 psi ☐ 4000 psi ☐ Other 4500
 Base Material Thickness: 12 (in/mm)
 Base Material Temperature: 70 (°F / °C)

Drilling & Hole Cleaning

Drill Bit Diameter: 7/8 (in/mm) Hole Depth: 4 1/2 (in/mm)
(core bit diameter, if approved)
 Drill Bit Type: ☒ Carbide-Tip Drill Bit ☐ Diamond Core Bit ☐ Hollow Drill Bit ☐ Other _____
(ANSI B212.15-1994) (if appropriate and allowed) (Safeset™ only to be used with Hilti HIT-HY 200)
 Hole Condition: ☒ Dry ☐ Water Saturated ☐ Water Filled ☐ Under Water
 Hole Cleaning: ☒ Compressed Air ☐ Hand Pump ☒ Wire Brush ☐ Other _____
 Hole cleaning in accordance with manufacturers' printed installation instructions: ☒ Yes ☐ No

Application

Anchor Application: (please check all that apply) ☐ Tension ☒ Shear ☐ Overhead ☐ Other _____
 Anchor insertion: ☒ Twisting motion ☐ Annular gap filled with adhesive ☐ Air Void Free Injection
 Anchor Spacing: 92 (in/mm) Edge Distance: 6 (in/mm)
 Embedment (h_{ep}): 4 1/2 (in/mm) Installation Torque (if required): N/A (ft-lb/Nm)

Completed by: _____ (Signature) Date: ____/____/____
 _____ (Print) Company: _____
 _____ (Title)