

# REPORT OF CONCRETE CYLINDER TEST

## MAPPA TESTLAB

1956 Richardson Hwy, North Pole, AK

Report Date: 11/14/25

Project Number: Cornerstone FTW 405 Range Control Report Number: 1

Project: FTW405 Range Control

Client: Cornerstone Construction

Address: 5050 Cordova Street

Anchorage, Alaska 99503

Attn:

### FIELD TEST CONDITIONS AND RESULTS (ASTM C 31)

Date Placed: 9/18/2025

Time Sampled: 130pm

Location of Sample: Bleacher Stem Walls

Supplier: HC Redi-Mix

Truck Number:

Ticket Number: 187075

Mix Number: 6034I

Design Strength: 4500

Batch Size:

Slump: 4" (ASTM C 143)

Air Content: 6.0% (ASTM C 231)

Concrete Temp: 58 °F (ASTM C 1064)

Ambient Temp: 57 °F

Water Added:

Technician: Markus Mack

Initial Curing:

Final Curing:

Max Field Curing Temp.:

Min Field Curing Temp.:

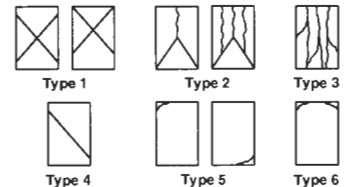
### LABORATORY TEST RESULTS (ASTM C 39)

Specimen	Test Date	Age	Load	Diameter	Area	Strength	Percent of Design	Type of Fracture
25-2540	9/25/2025	7	64480	4.00	12.57	5130	114%	3
25-2541	9/25/2025	7	67160	4.00	12.57	5340	119%	3
25-2542	9/25/2025	7	66533	4.00	12.57	5290	118%	3
25-2543	10/16/2025	28	83320	4.00	12.57	6630	147%	3
25-2544	10/16/2025	28	81275	4.00	12.57	6470	144%	3
25-2545	10/16/2025	28	84055	4.00	12.57	6690	149%	3
25-2546	11/13/2025	56	89935	4.00	12.57	7160	159%	3
25-2547	11/13/2025	56	89240	3.99	12.50	7140	159%	3
25-2548	11/13/2025	56	91690	4.00	12.57	7300	162%	3

Remarks:

Copies to:

#### TYPES OF FRACTURE



Reported by:

*Stefan Mack*

Stefan Mack

P.E. Engineer in Charge