

REPORT OF CONCRETE CYLINDER TEST

MAPPA TESTLAB

1956 Richardson Hwy, North Pole, AK

Report Date: 8/18/26

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: 8/8/2026

Time Sampled: 1pm

Location of Sample: FP #09, #10 retaining walls

Supplier: HC Redi- Mix

Truck Number:

Ticket Number: 1291

Mix Number: 6034I

Design Strength: 4500

Batch Size:

Slump: 5.50" (ASTM C 143)

Air Content: 5.8% (ASTM C 231)

Unit Weight: 146.2 (ASTM C 138)

Concrete Temp: 67°F (ASTM C 1064)

Ambient Temp: 59°F

Water Added:

Technician: Ben Marth

Initial Curing:

Final Curing:

Max Field Curing Temp.:

Min Field Curing Temp.:

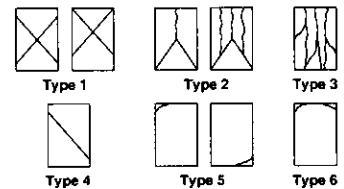
LABORATORY TEST RESULTS (ASTM C 39)

Specimen	Test Date	Age	Load	Diameter	Area	Strength	Percent of Design	Type of Fracture
26-2027	8/15/2026	7	58375	4.00	12.57	4650	103%	3
26-2028	8/15/2026	7	55745	4.00	12.57	4440	99%	3
26-2029	8/15/2026	7	61535	4.00	12.57	4900	109%	3
26-2030	9/5/2026	28						
26-2031	9/5/2026	28						
26-2032	9/5/2026	28						
26-2033	10/3/2026	56						
26-2034	10/3/2026	56						
26-2035	10/3/2026	56						

Remarks:

Copies to:

TYPES OF FRACTURE



Reported by:

Stefan Mack
Stefan Mack
P.E. Engineer in Charge