

REPORT OF CONCRETE CYLINDER TEST

MAPPA TESTLAB

1956 Richardson Hwy, North Pole, AK

Report Date: 8/19/26

Project Number: Bristol FTW3401

Report Number: 1

Project: FTW B3401

Client: Bristol Building Constructors LLC

Address: Ft. Wainwright, Alaska

Attn:

FIELD TEST CONDITIONS AND RESULTS (ASTM C 31)

Date Placed: 6/24/2026

Time Sampled: 1pm

Location of Sample: Elevator Structural Steel Northeast Footing

Supplier: URM

Truck Number:

Ticket Number: 110918

Mix Number: 253445AI

Design Strength: 4500

Batch Size:

Slump: 7" (ASTM C 143)

Air Content: 6.2% (ASTM C 231)

Unit Weight: 144.62 (ASTM C 138)

Concrete Temp: 71°F (ASTM C 1064)

Ambient Temp: 70°F

Water Added:

Technician: Ben Marth

Initial Curing:

Final Curing:

Max Field Curing Temp.:

Min Field Curing Temp.:

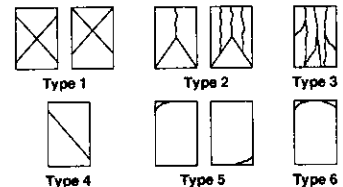
LABORATORY TEST RESULTS (ASTM C 39)

Specimen	Test Date	Age	Load	Diameter	Area	Strength	Percent of Design	Type of Fracture
26-891	7/1/2026	7	44555	4.00	12.57	3550	79%	3
26-892	7/1/2026	7	47235	4.00	12.57	3760	84%	3
26-893	7/1/2026	7	46065	4.00	12.57	3670	82%	3
26-894	7/22/2026	28	58365	4.00	12.57	4640	103%	3
26-895	7/22/2026	28	57735	4.00	12.57	4590	102%	3
26-896	7/22/2026	28	59015	4.00	12.57	4700	104%	3
26-897	8/19/2026	56	66115	4.00	12.57	5260	117%	3
26-898	8/19/2026	56	67055	4.00	12.57	5340	119%	3
26-899	8/19/2026	56	65640	4.00	12.57	5220	116%	3

Remarks:

Copies to:

TYPES OF FRACTURE



Reported by:

Stefan Mack

Stefan Mack

P.E. Engineer in Charge