

REPORT OF CONCRETE CYLINDER TEST

MAPPA TESTLAB

1956 Richardson Hwy, North Pole, AK

Report Date: 12/15/25

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: 10/16/2025

Time Sampled: 230pm

Location of Sample: Mess Facility Found Wall D+ 2.5 Left 1

Supplier: HC Redi- Mix

Truck Number:

Ticket Number: 187320

Mix Number: 6034I

Design Strength: 4500

Batch Size:

Slump: 3" (ASTM C 143)

Air Content: 5.4% (ASTM C 231)

Unit Weight: 148.0 (ASTM C 138)

Concrete Temp: 57°F (ASTM C 1064)

Ambient Temp: 42°F

Water Added:

Technician: John trush

Initial Curing:

Final Curing:

Max Field Curing Temp.:

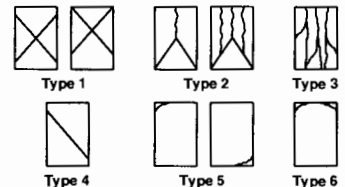
Min Field Curing Temp.:

LABORATORY TEST RESULTS (ASTM C 39)

Specimen	Test Date	Age	Load	Diameter	Area	Strength	Percent of Design	Type of Fracture
25-2776	10/20/2025	4	76280	4.00	12.57	6070	135%	3
25-2777	10/23/2025	7	80900	4.00	12.57	6440	143%	3
25-2778	10/23/2025	7	79285	4.00	12.57	6310	140%	3
25-2779	10/23/2025	7	77555	4.00	12.57	6170	137%	3
25-2780	11/13/2025	28	89890	4.01	12.63	7120	158%	3
25-2781	11/13/2025	28	91190	4.00	12.57	7260	161%	5
25-2782	11/13/2025	28	90515	4.00	12.57	7200	160%	3
25-2783	12/11/2025	56	93035	4.00	12.57	7400	164%	3
25-2784	12/11/2025	56	93020	4.00	12.57	7400	164%	3
25-2785	12/11/2025	56	93270	4.00	12.57	7420	165%	3

Remarks:

TYPES OF FRACTURE



Copies to:

Reported by:

Stefan Mack

Stefan Mack

P.E. Engineer in Charge