

Date : 03/31/2023
Project No : 2023C111
Client Company : 2MATL
Arrival Time : 03/31/2023 11:30
Onsite Hours : 06:30

ASEC Report ID : 59345
Name of the Project : DOA Fiber Infrastructure Improvements
Project Location : HJAIA
Weather : sunny/cloudy
Departure Time : 03/31/2023 18:00
ASEC Technician Name : Isaac Davis

Location(S): Vault #2 mono slab placement

Testing: One set Set of concrete specimens (6 Cylinders per set) were cast during the cast-in-place concrete pour at the above referenced location, in accordance with ASTM C31. The cylinders will remain on site for the initial 24-48 hrs curing.

Compliance: ☒Field placement of concrete appeared to be in general accordance with the project specifications (i.e., slump, temperature, etc) (refer to remarks below)
☒Deviations and/or noncompliances were noted during the field placement (refer to remarks below)

Cylinders Pick Up: One set Sets of concrete cylinders/ 6 cylinders per set were picked up & transported to AS Engineering and Consulting LLC (ASEC) for curing and testing in accordance with ASTM C39, C670/1231

Field Curing: Cylinders were stored for the initial 24 hours
☒ Near the poured structure
☐ In an insulated curing box
☐ Other

Remarks: Vibrators used to consolidate the concrete. Batch plant of concrete went down for maintenance. 2 to 3 hours for Truck arrival Unit Weight = 137 pcf

The results presented in this report relate only to the items tested. This report shall not be reproduced, except in full, without written approval from AS Engineering and Consulting LLC.

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PLACEMENT INFORMATION

Set Number:	Laboratory Number:
Date Sampled:	Time Sampled: 16:45
Sampled By: Isaac Davis	Concrete Supplier: Ernest
Contractor: BBH	Mix ID: 45CA65
Truck Number: 248	Quantity of Load (cu. yd.): 9
Time Batched: 14:55	Specified Strength : 4500
Location of Placement: Vault #2 mono slab placement	Concrete Temperature(°f): 75
Number of samples cast: 6	Air Content (%) : 7
Ambient Temperature (°f): 71	Water added (gal.): 0
Slump (in.): 4	

Specimen Number	Age (Days)	Date Tested	Dia(in.)	Area (sq in.)	Maximum Loads (lbs)	Strength (psi)	% Design Strength	Type of Fracture
1								
2								
3								
4								
5								
6								

UNLESS OTHERWISE SPECIFIED, TESTS WERE PERFORMED IN ACCORDANCE WITH ASTM TEST METHODS C31, C39, C138, C143, C173, AND C1064. FRACTURE TYPE INDICATED BY NUMBER

(Type 1) Cone (Type 2) Cone-split (Type 3) Vertical (Type 4) Shear (Type 5) Edge Fracture (Type 6) Pointed

Kenneth Mosman
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