

Date : 05/02/2025
Project No : 2024C314
Client Company : Manhattan Const.
Arrival Time : 05/02/2025 7:00
Onsite Hours : 07:30

ASEC Report ID : 81390
Name of the Project : Concourse B Grease Receptors
Project Location : HJAIA
Weather : sunny
Departure Time : 05/02/2025 14:30
ASEC Technician Name : Aminullah Azimi

Location(S): Grease traps see pictures

Testing: 1 Set of concrete specimens (7 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: 1 Sets of concrete cylinders/ 7 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: 7 beams

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: beam | Laboratory Number: beam |
| Date Sampled: 05/02/2025 | Time Sampled: 12:10 |
| Sampled By: Aminullah Azimi | Concrete Supplier: Argos |
| Contractor: Manhattan | Mix ID: 70JAF0534 |
| Truck Number: 2089 | Quantity of Load (cu. yd.): 24 |
| Time Batched: 11:13 | Specified Strength : 2000 |
| Location of Placement: Grease traps see pictures | Concrete Temperature(°f): 87 |
| Number of samples cast: 7 | Air Content (%) : 3.5 |
| Ambient Temperature (°f): 81 | Water added (gal.): |
| Slump (in.): 2.5 | |

| Specimen Number | Age (Days) | Date Tested | Dia(in.) | Area (sq in.) | Maximum Loads (lbs) | Strength (psi) | % Design Strength | Type of Fracture |
|-----------------|------------|-------------|----------|---------------|---------------------|----------------|-------------------|------------------|
| 1 | 3 | 05/05/2025 | | | | | | |
| 2 | 7 | 05/09/2025 | | | | | | |
| 3 | 7 | 05/09/2025 | | | | | | |
| 4 | 28 | 05/30/2025 | | | | | | |
| | | | | | | | | |
| 5 | 28 | 05/30/2025 | | | | | | |
| 6 | 90 | 07/31/2025 | | | | | | |
| 7 | 90 | 07/31/2025 | | | | | | |

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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