

Date : 03/30/2026  
Project No : 2025C149  
Client Company : Davidson Homes  
Arrival Time : 03/30/2026 06:00  
Onsite Hours : 06:00

ASEC Report ID : 92235  
Name of the Project : Grove at E. Thompson Mill Rd  
Project Location : Buford  
Weather : sunny  
Departure Time : 03/30/2026 12:00  
ASEC Technician Name : Samara Simha Reddy Kandi

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**Location(S):** Retaining wall, Retaining wall, Retaining wall

**Testing:** 3 Set of concrete specimens (6 per set) were cast during the cast-in-place concrete pour at the above referenced location, in accordance with ASTM C31. The specimen 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)

**Specimen Pick Up:** 3 Sets of concrete specimens/ 6 specimen 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:** Specimen were stored for the initial 24 hours  
 Near the poured structure  
 In an insulated curing box  
 Other

**Remarks:**

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 - Cylinder**

<b>Set Number:</b> A	<b>Laboratory Number:</b> 2026-080
<b>Date Sampled:</b> 03/30/2026	<b>Time Sampled:</b> 06:58
<b>Sampled By:</b> Samara Simha Reddy Kandi	<b>Concrete Supplier:</b> ernst Concrete
<b>Contractor:</b> N/A	<b>Mix ID:</b> N/A
<b>Truck Number:</b> 275	<b>Quantity of Load:</b> 9
<b>Time Batched:</b> N/A	<b>Specified Strength:</b> N/A
<b>Location of Placement:</b> Retaining wall	<b>Concrete Temp (°f):</b> 55
<b>Number of Samples Cast:</b> 6	<b>Air Content (%):</b> 4
<b>Ambient Temp (°f):</b> 50	<b>Unit Weight (pcf):</b> 145.2
<b>Slump (in.):</b> 4	<b>Water Added (gal.):</b> N/A

Specimen Number	Scheduled Test Date	Date Tested	Age (Days)	Dia (in.)	Area (sq in.)	Max Load (lbf)	Strength (psi)	% Design Strength	Fracture Type
1	04/02/2026	04/02/2026	3	3.98	12.41	46015	3710	N/A	Type 2
2	04/06/2026	04/06/2026	7	3.98	12.44	59192	4760	N/A	Type 2
3	04/06/2026	04/06/2026	7	3.98	12.41	55392	4460	N/A	Type 3
4	04/27/2026	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5	04/27/2026	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6	05/25/2026	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

UNLESS OTHERWISE SPECIFIED, TESTS WERE PERFORMED IN ACCORDANCE WITH ASTM METHODS C31, C39, C138, C143, C173, C1064.

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



**Kenneth Mosman**

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**PLACEMENT INFORMATION - Cylinder**

<b>Set Number:</b> B	<b>Laboratory Number:</b> 2026-080
<b>Date Sampled:</b> 03/30/2026	<b>Time Sampled:</b> 07:49
<b>Sampled By:</b> Samara Simha Reddy Kandi	<b>Concrete Supplier:</b> ernst concrete
<b>Contractor:</b> N/A	<b>Mix ID:</b> N/A
<b>Truck Number:</b> 142	<b>Quantity of Load:</b> 9
<b>Time Batched:</b> N/A	<b>Specified Strength:</b> N/A
<b>Location of Placement:</b> Retaining wall	<b>Concrete Temp (°f):</b> 62
<b>Number of Samples Cast:</b> 6	<b>Air Content (%):</b> 4.1
<b>Ambient Temp (°f):</b> 59	<b>Unit Weight (pcf):</b> 142
<b>Slump (in.):</b> 4	<b>Water Added (gal.):</b> N/A

Specimen Number	Scheduled Test Date	Date Tested	Age (Days)	Dia (in.)	Area (sq in.)	Max Load (lbf)	Strength (psi)	% Design Strength	Fracture Type
1	04/02/2026	04/02/2026	3	3.98	12.44	34249	2750	N/A	Type 2
2	04/06/2026	04/06/2026	7	3.99	12.47	41014	3290	N/A	Type 5
3	04/06/2026	04/06/2026	7	3.98	12.41	42798	3450	N/A	Type 6
4	04/27/2026	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5	04/27/2026	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6	05/25/2026	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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



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**PLACEMENT INFORMATION - Cylinder**

<b>Set Number:</b> C	<b>Laboratory Number:</b> 2026-080
<b>Date Sampled:</b> 03/30/2026	<b>Time Sampled:</b> 09:44
<b>Sampled By:</b> Samara Simha Reddy Kandi	<b>Concrete Supplier:</b> ernst concrete
<b>Contractor:</b> N/A	<b>Mix ID:</b> N/A
<b>Truck Number:</b> 103	<b>Quantity of Load:</b> 9
<b>Time Batched:</b> N/A	<b>Specified Strength:</b> N/A
<b>Location of Placement:</b> Retaining wall	<b>Concrete Temp (°f):</b> 65
<b>Number of Samples Cast:</b> 6	<b>Air Content (%):</b> 4.5
<b>Ambient Temp (°f):</b> 60	<b>Unit Weight (pcf):</b> 143.2
<b>Slump (in.):</b> 6	<b>Water Added (gal.):</b> N/A

Specimen Number	Scheduled Test Date	Date Tested	Age (Days)	Dia (in.)	Area (sq in.)	Max Load (lbf)	Strength (psi)	% Design Strength	Fracture Type
1	04/02/2026	04/02/2026	3	3.98	12.41	48758	3930	N/A	Type 2
2	04/06/2026	04/06/2026	7	3.98	12.41	58741	4730	N/A	Type 6
3	04/06/2026	04/06/2026	7	3.97	12.38	63185	5100	N/A	Type 2
4	04/27/2026	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5	04/27/2026	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6	05/25/2026	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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