

Letter of Transmittal 5

Client: Hy-Vee Construction
Project: Hy-Vee – Lee's Summit #2 Remodel

Project No: B2100276

Date: September 20, 2021

Braun Intertec Corporation
11529 West 79th Street, Building 21
Lenexa, KS 66214

To: Jack Meyer
Hy-Vee Construction
5605 N.E. 22nd Street
Des Moines, IA 50313

Phone: (515) 419-5669

Email:

Re: Reports and Test Results

Documents Sent	Comments
Daily Reports	August 19, 2021 – September 2, 2021
Compressive Strength of Concrete Reports	Set Nos. 4-6

Copy List

Contact Information:

Sent By: Carrie Keeling
Email: CKeeling@braunintertec.com
Phone: _____

Daily Field Notes

11529 W. 79th St, Building 21
Lenexa, KS 66214
Phone: 913-962-0909

Client:

Hy-Vee Construction
5605 N.E. 22nd Street
Des Moines, IA 50313

Project:

B2100276
Hy-Vee - Lee's Summit #2 Remodel
310 SW Ward Rd
Lees Summit, MO 64081

Activity Date: 08/19/2021

Temperature: 90

Services Performed: Other

Describe Other: Steel inspection

PM: Tyler Fadler

Technician: Arndt, Chad

Report Number: 5

Weather: Sunny

Remarks / Comments

Were all scheduled activities completed: Yes

Were there any delays affecting our activities: No

Report emailed to client or contractor: No

General Comments: Arrived on site and was told by superintendent to reschedule for the following day as the work was not ready.



Tyler Fadler

Special Inspection Daily Report

11529 W. 79th St, Building 21
Lenexa, KS 66214
Phone: 913-962-0909

Client:
Hy-Vee Construction
5605 N.E. 22nd Street
Des Moines, IA 50313

Project:
B2100276
Hy-Vee - Lee's Summit #2 Remodel
310 SW Ward Rd
Lees Summit, MO 64081

Activity Date: 08/20/2021
Technician: Arndt, Chad

City of: Lee's Summit, MO
Braun Intertec PM: Tyler Fadler

Report Number: 16
Weather: Sunny 84

Coverage	Frequency	Notes
Steel Construction	Periodic	

Architect/engineer authorized changes to approved plans?: **No**

Work Completed Description:

In progress weld inspection of welded king studs in cold-formed steel adjacent to lintel over the door at Grid Line K from 9 to 10. Final inspection not ready.

Tests Performed:
Visual of welding

Outstanding discrepancies on this project?: No

Report discussed with and sent to contractor?: No

Attachments

11529 W. 79th St, Building 21
Lenexa, KS 66214
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Client:
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Des Moines, IA 50313

Project:
B2100276
Hy-Vee - Lee's Summit #2 Remodel
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Underside of structural kingstud

To the best of our knowledge, work inspected was done in accordance with the approved plans, specifications and applicable workmanship provisions of the current IBC, except as noted above.

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11529 W. 79th St, Building 21
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Client:
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5605 N.E. 22nd Street
Des Moines, IA 50313

Project:
B2100276
Hy-Vee - Lee's Summit #2 Remodel
310 SW Ward Rd
Lees Summit, MO 64081

Activity Date: 08/23/2021

City of: Lee's Summit, MO

Report Number: 17

Technician: Arndt, Chad

Braun Intertec PM: Tyler Fadler

Weather: Sunny 91

Coverage	Frequency	Notes
Steel Construction	Periodic	

Architect/engineer authorized changes to approved plans?: **No**

Work Completed Description:

Arrived on site and met with Thomas Remus to provide weld inspection of welded king studs in cold-formed steel adjacent to lintel over the door at Grid Line K from 9 to 10. All welding appeared to be acceptable according to AWS D1.1 criteria in respect to size, length, and profile.

Welder's certifications were reviewed and listed on an earlier report.

Tests Performed:

Visual of welding

Outstanding discrepancies on this project?: No

Report discussed with and sent to contractor?: No

Attachments



2 inch fillets in 12 inches centered observed

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Client:
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Project:
B2100276
Hy-Vee - Lee's Summit #2 Remodel
310 SW Ward Rd
Lees Summit, MO 64081

Activity Date: 08/25/2021
Technician: Bowdish, Logan

City of: Lee's summit
Braun Intertec PM: Tyler Fadler

Report Number: 18
Weather: Sunny 85

Coverage	Frequency	Notes
Concrete Construction	Continuous	

Architect/engineer authorized changes to approved plans?: **No**

Work Completed Description:

Installation of the drilled and epoxied rebar was observed at grid lines from K-J and 10-11. Installation was observed with respect to hole size, depth and cleanliness, rebar size and type of epoxy used.

Tests Performed:

Field observation

Outstanding discrepancies on this project?: No

Report discussed with and sent to contractor?: No

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Lenexa, KS 66214
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Client:

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Des Moines, IA 50313

Project:

B2100276
Hy-Vee - Lee's Summit #2 Remodel
310 SW Ward Rd
Lees Summit, MO 64081

Activity Date: 08/26/2021

Technician: Bowdish, Logan

City of: Lee's Summit, MO

Braun Intertec PM: Tyler Fadler

Report Number: 19

Weather: Sunny 90

Coverage	Frequency	Notes
Concrete Construction	Continuous	
Soils	Periodic	

Architect/engineer authorized changes to approved plans?: **No**

Work Completed Description:

Observed the placement of Concrete as a footing within the following gridlines, K to J - 10 to 11. Field tests were performed and 1 set of compressive strength specimens were cast. Observed the soil bearing and reinforcing steel within the footing. Reinforcing steel was observed with respect to grade, size, spacing, lap splice length, and clearance. The soil bearing was observed with respect to the 3000 psf design bearing pressure.

Tests Performed:

Field Tests

Outstanding discrepancies on this project?: No

Report discussed with and sent to contractor?: No

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Daily Field Notes

11529 W. 79th St, Building 21
Lenexa, KS 66214
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Client:

Hy-Vee Construction
5605 N.E. 22nd Street
Des Moines, IA 50313

Project:

B2100276
Hy-Vee - Lee's Summit #2 Remodel
310 SW Ward Rd
Lees Summit, MO 64081

Activity Date: 08/27/2021

Temperature: 75

PM: Tyler Fadler

Technician: Bowdish, Logan

Report Number: 6

Weather: Sunny

Services Performed: Cylinder Pickup

Remarks / Comments

Were all scheduled activities completed: Yes

Were there any delays affecting our activities: No

Report emailed to client or contractor: No

General Comments: Retrieved compressive strength specimens made on 8/26



Tyler Fadler

Special Inspection Daily Report

11529 W. 79th St, Building 21
Lenexa, KS 66214
Phone: 913-962-0909

Client:

Hy-Vee Construction
5605 N.E. 22nd Street
Des Moines, IA 50313

Project:

B2100276
Hy-Vee - Lee's Summit #2 Remodel
310 SW Ward Rd
Lees Summit, MO 64081

Activity Date: 08/30/2021

Technician: Bowdish, Logan

City of: Lees Summit

Braun Intertec PM: Tyler Fadler

Report Number: 20

Weather: Sunny 90

Coverage	Frequency	Notes
Concrete Construction	Continuous	
Soils	Continuous	

Architect/engineer authorized changes to approved plans?: **No**

Work Completed Description:

Installation of the drilled and epoxied rebar was observed at grids K to J - 10 to 11 and grids H to K - 11 to 11.2. Installation was observed with respect to hole size, depth and cleanliness, dowel size and spacing, and type of epoxy used.

Observed the bearing materials within the bases of grids H to K - 11 to 11.2 foundation excavations. The bearing materials consisted of clay and were observed with respect to the 2500 psf design bearing pressure.
Observed the placement of concrete within the grids K to J - 10-11 for the stoop. Performed field tests and cast one set of compressive strength specimens.

Tests Performed:

Field Tests

Outstanding discrepancies on this project?: No

Report discussed with and sent to contractor?: No

To the best of our knowledge, work inspected was done in accordance with the approved plans, specifications and applicable workmanship provisions of the current IBC, except as noted above.



Daily Field Notes

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Client:

Hy-Vee Construction
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Project:

B2100276
Hy-Vee - Lee's Summit #2 Remodel
310 SW Ward Rd
Lees Summit, MO 64081

Activity Date: 08/31/2021

Temperature: 80

Services Performed: Cylinder Pickup

PM: Tyler Fadler

Technician: Bowdish, Logan

Report Number: 7

Weather: Rainy

Remarks / Comments

Were all scheduled activities completed: Yes

Were there any delays affecting our activities: No

Report emailed to client or contractor: No

General Comments: Retrieved one set of compressive strength specimens made on 8/30



Tyler Fadler

Special Inspection Daily Report

11529 W. 79th St, Building 21
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Client:
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5605 N.E. 22nd Street
Des Moines, IA 50313

Project:
B2100276
Hy-Vee - Lee's Summit #2 Remodel
310 SW Ward Rd
Lees Summit, MO 64081

Activity Date: 09/01/2021
Technician: Gelinne, Evan

City of: Lee's Summit, MO
Braun Intertec PM: Tyler Fadler

Report Number: 21
Weather: Cloudy 72

Coverage	Frequency	Notes
Soils	Periodic	

Architect/engineer authorized changes to approved plans?: **No**

Work Completed Description:

Observed the bearing materials within the base of footing excavations C-1, C-2, C-3, C-4, C-6 and C-8 for the exterior canopy on the north side of the building. The bearing materials consisted of clay and were observed with respect to the 2500 psf design bearing pressure.

Tests Performed:

Field soil bearing tests, visual inspection

Outstanding discrepancies on this project?: No

Report discussed with and sent to contractor?: No

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Des Moines, IA 50313

Project:
B2100276
Hy-Vee - Lee's Summit #2 Remodel
310 SW Ward Rd
Lees Summit, MO 64081

Activity Date: 09/01/2021
Technician: Bowdish, Logan

City of: Lee's Summit
Braun Intertec PM: Tyler Fadler

Report Number: 22
Weather: Sunny 85

Coverage	Frequency	Notes
Concrete Construction	Continuous	

Architect/engineer authorized changes to approved plans?: **No**

Work Completed Description:

Observed the placement of concrete as column pad footings as well as the placement of reinforcing steel within exterior columns 1-4, 6, and 8. Field tests were performed and 1 set of compressive strength specimens were created. Reinforcing steel was observed with respect to grade, size, lap length, and clearance.

Tests Performed:

Field tests

Outstanding discrepancies on this project?: No

Report discussed with and sent to contractor?: No

To the best of our knowledge, work inspected was done in accordance with the approved plans, specifications and applicable workmanship provisions of the current IBC, except as noted above.



Daily Field Notes

11529 W. 79th St, Building 21
Lenexa, KS 66214
Phone: 913-962-0909

Client:

Hy-Vee Construction
5605 N.E. 22nd Street
Des Moines, IA 50313

Project:

B2100276
Hy-Vee - Lee's Summit #2 Remodel
310 SW Ward Rd
Lees Summit, MO 64081

Activity Date: 09/02/2021

Temperature: 85

Services Performed: Cylinder Pickup

PM: Tyler Fadler

Technician: Bowdish, Logan

Report Number: 8

Weather: Sunny

Remarks / Comments

Were all scheduled activities completed: Yes

Were there any delays affecting our activities: No

Report emailed to client or contractor: No

General Comments: Picked up one set of compressive strength specimens made on 9/1.



Tyler Fadler

Compressive Strength of Concrete

Test Method: ASTM C39

Report Date: 09/20/2021

Sample: 399438

11529 W. 79th St, Building 21
Lenexa, KS 66214
Phone: 913-962-0909

Client:
Hy-Vee Construction
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Des Moines, IA 50313

Project:
B2100276
Hy-Vee - Lee's Summit #2 Remodel
310 SW Ward Rd
Lees Summit, MO 64081

Sample Details

Set #:	4	Technician:	Bowdish, Logan	Batched:	11:34 CDT
Specimen Size:	4" X 8"	Cast By:	Bowdish, Logan	Sampled:	12:35 CDT
Specimens In Set:	5	Date Cast:	08/26/21	Cast:	12:45 CDT
Truck / Ticket #:	421 / 838645	Sampled From:	Chute	Truck Empty:	12:30 CDT
Contractor:	Slycord	Placement Method:	Chute	Placement Time:	56 (min)

Location

Placement Location: Building Interior - Footing
Location Details: Footings from gridlines K-J and 10-11 for stoop
Sample Location / Notes: Point K,10.5

Batch Log

Supplier: Geiger Ready Mix
Plant: Lee's Summit
On-Site Admixtures: None
Mix Design: WA564 3/4 4.44

Specifications

Strength: 3000 (psi)
Air: 0 - 3 (%)
Slump: 3 - 5 (in)
Spread: Not Applicable - Not Applicable (in)

Field Measurements

Weather: Sunny
Air Temperature (F): 95
Slump (in): 4-3/4 (ASTM C143)
Concrete Temp (F): 89 (ASTM C1064)
Plastic Unit Weight:
Air Content:
Load Volume: 8.50 (yd³)

Lab Test Results

Testing Lab: Kansas City, 11529 W. 79th St, Building 21, Lenexa, KS

Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in ²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
4-1	7	09/02/21	1 / 6	4.00	12.57	44,080	3,510	2	I	N
4-2	28	09/23/21	1 / 27							
4-3	28	09/23/21	1 / 27							
4-4	28	09/23/21	1 / 27							
4-5	56 H	10/21/21	1 / 55							

Test Age Average Strengths (psi): 7 Day - 3510

Capping Methods

I: The result is for informational purposes.

Tested By: Gerald Brokeshoulder (1)

Checked In : 08/27/2021 (1,2,3,4,5)

N: ASTM C1231, Unbonded Caps



TYPE 1 TYPE 2 TYPE 3 TYPE 4 TYPE 5 TYPE 6

Tyler Fadler

Tyler Fadler
09/20/2021

Compressive Strength of Concrete

Test Method: ASTM C39

Report Date: 09/20/2021

Sample: 399969

11529 W. 79th St, Building 21
Lenexa, KS 66214
Phone: 913-962-0909

Client:

Hy-Vee Construction
5605 N.E. 22nd Street
Des Moines, IA 50313

Project:

B2100276
Hy-Vee - Lee's Summit #2 Remodel
310 SW Ward Rd
Lees Summit, MO 64081

Sample Details

Set #:	5	Technician:	Bowdish, Logan	Batched:	11:40 CDT
Specimen Size:	4" X 8"	Cast By:	Bowdish, Logan	Sampled:	12:10 CDT
Specimens In Set:	5	Date Cast:	08/30/21	Cast:	12:20 CDT
Truck / Ticket #:		Sampled From:	Chute	Truck Empty:	13:00 CDT
Contractor:	Slycord	Placement Method:	Chute	Placement Time:	80 (min)

Location

Placement Location:	Other
Location Details:	Building Exterior, Stoop, Grids K to J - 10 to 11
Sample Location / Notes:	Grid, K-10

Batch Log

Supplier:	Geiger Ready Mix
Plant:	Lee's Summit
On-Site Admixtures:	None

Specifications

Strength:	3000 (psi)
Air:	4.5 - 7 (%)
Slump:	3 - 5 (in)

Field Measurements

Weather:	Sunny	Slump (in):	4 (ASTM C143)	Plastic Unit Weight:	
Air Temperature (F):	90	Concrete Temp (F):	89 (ASTM C1064)	Air Content:	6.0 (ASTM C231)
				Load Volume:	10.00 (yd³)

Lab Test Results

Testing Lab: Kansas City, 11529 W. 79th St, Building 21, Lenexa, KS

Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
5-1	7	09/06/21	1 / 6	4.00	12.57	43,630	3,470	3	I	N
5-2	28	09/27/21	1 / 27							
5-3	28	09/27/21	1 / 27							
5-4	28	09/27/21	1 / 27							
5-5	56 H	10/25/21	1 / 55							

Test Age Average Strengths (psi): 7 Day - 3470

Capping Methods

I: The result is for informational purposes.

Tested By: Gerald Brokeshoulder (1)

Checked In : 08/31/2021 (1,2,3,4,5)

N: ASTM C1231, Unbonded Caps



TYPE 1 TYPE 2 TYPE 3 TYPE 4 TYPE 5 TYPE 6

Tyler Fadler

Tyler Fadler
09/20/2021

Compressive Strength of Concrete

Test Method: ASTM C39

Report Date: 09/20/2021

Sample: 400696

11529 W. 79th St, Building 21
Lenexa, KS 66214
Phone: 913-962-0909

Client:

Hy-Vee Construction
5605 N.E. 22nd Street
Des Moines, IA 50313

Project:

B2100276
Hy-Vee - Lee's Summit #2 Remodel
310 SW Ward Rd
Lees Summit, MO 64081

Sample Details

Set #:	6	Technician:	Bowdish, Logan	Batched:	14:36 CDT
Specimen Size:	4" X 8"	Cast By:	Bowdish, Logan	Sampled:	15:00 CDT
Specimens In Set:	5	Date Cast:	09/01/21	Cast:	15:10 CDT
Truck / Ticket #:	344 / 839001	Sampled From:	Chute	Truck Empty:	15:20 CDT
Contractor:	Slycord	Placement Method:	Chute	Placement Time:	44 (min)

Location

Placement Location:	Other
Location Details:	Exterior Columns 1-4 ,6, 8.
Sample Location / Notes:	Column 1

Batch Log

Supplier:	Geiger Ready Mix	Mix Design:	A4US564V444	Strength:	3000 (psi)
Plant:	Lee's Summit			Slump:	3 - 5 (in)
On-Site Admixtures:	None				

Specifications

Field Measurements

Weather:	Sunny	Slump (in):	3 (ASTM C143)	Plastic Unit Weight:	
Air Temperature (F):	85	Concrete Temp (F):	81 (ASTM C1064)	Air Content:	
				Load Volume:	9.00 (yd³)

Lab Test Results

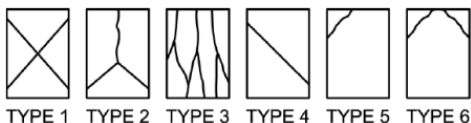
Testing Lab: Kansas City, 11529 W. 79th St, Building 21, Lenexa, KS

Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
6-1	7	09/08/21	1 / 6	4.00	12.57	47,470	3,780	5	I	N
6-2	28	09/29/21	1 / 27							
6-3	28	09/29/21	1 / 27							
6-4	28	09/29/21	1 / 27							
6-5	56 H	10/27/21	1 / 55							

Test Age Average Strengths (psi): 7 Day - 3780

Capping Methods

I: The result is for informational purposes.	N: ASTM C1231, Unbonded Caps
Tested By: Gerald Brokeshoulder (1)	
Checked In : 09/02/2021 (1,2,3,4,5)	



TYPE 1 TYPE 2 TYPE 3 TYPE 4 TYPE 5 TYPE 6

Tyler Fadler

Tyler Fadler
09/20/2021