

Letter of Transmittal 1

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

Project No: B2100276

Date: February 26, 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	January 21, 2021 – February 24, 2021
Compressive Strength of Concrete Reports	Test Nos. 1-3

Copy List

Contact Information:

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

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: 01/21/2021

Technician: Gelinne, Evan

City of: Lee's Summit, MO

Braun Intertec PM: James Simmons

Report Number: 1

Weather: Sunny 56

Coverage	Frequency	Notes
Soils	Periodic	
Concrete Construction	Continuous	
Special Cases	Continuous	

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

Work Completed Description:

Installation of the drilled and epoxied rebar was observed for the footing at grid B-1.1 referencing plan page S1.0. Installation was observed with respect to hole size, depth and cleanliness, rebar size and spacing, and type of epoxy used.

Observed the bearing materials within the bases of the footing referenced above. The bearing materials consisted of the in situ soil and appeared stable.

Observed the reinforcing steel within the footing referenced above. Reinforcing steel was observed with respect to grade, size, spacing, lap splice length and clearance.

Observed the placement of concrete within the footing referenced above. Performed field tests and cast 1 set of 5 compressive strength test specimens.

Tests Performed:

Field soil bearing tests, field concrete tests, visual inspection

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: 01/22/2021

Temperature: 35

Services Performed: Cylinder Pickup

PM: James Simmons

Technician: Gelinne, Evan

Report Number: 1

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: Retrieved compressive strength test specimens cast on 01/21/2021.



James Simmons

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: 01/26/2021
Technician: Gelinne, Evan

City of: Lee's Summit, MO
Braun Intertec PM: James Simmons

Report Number: 2
Weather: Cloudy 26

Coverage	Frequency	Notes
Concrete Construction	Continuous	
Special Cases	Periodic	

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

Work Completed Description:

Observed the placement of reinforcing steel and grout within the structural masonry at grid 1.1-B referencing plan page S1.0 for reinforcement along both sides of the new doorway at 0' to 20' above finished floor. Grout was placed in lifts not exceeding 5'4" in elevation and consolidated via mechanical vibration

Installation of the drilled and epoxied rebar was observed within the slab on grade for the stoop located at grid 1.1-B referencing plan page S1.0. Installation was observed with respect to hole size, depth and cleanliness, bar size and spacing, and type of epoxy used.

Observed the reinforcing steel within the stoop referenced above. Reinforcing steel was observed with respect to grade, size, spacing, lap splice length and clearance.

Observed the reinforcing dowels for the slab on grade within the sushi utility trench, market grill bar utility trench, and the kitchen utility trench. Per the structural plans the dowels should be epoxied but the contractor was not aware of this so they did not have epoxy onsite. It was approved by the structural engineer of record to not use epoxy for the dowels within the utility trenches scheduled to be poured but should be used for the remainder of the project. Installation of the dowels were observed with respect to hole size, depth and cleanliness, and dowel size and spacing.

Observed the placement of concrete within the slab on grade for the stoop and the within the utility trenches referenced above. Performed field tests and cast 2 sets of 5 compressive strength test specimens.

Tests Performed:

Field concrete tests, visual inspection

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: 01/27/2021

Temperature: 26

Services Performed: Cylinder Pickup

PM: James Simmons

Technician: Gelinne, Evan

Report Number: 2

Weather: Cloudy

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 test specimens cast on 01/26/2021.



James Simmons

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: 02/01/2021

City of: Lee's Summit, MO

Report Number: 3

Technician: Vazquez-Nevarez, Israel

Braun Intertec PM: James Simmons

Weather: Cloudy 30

Coverage	Frequency	Notes
Concrete Construction	Continuous	

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

Work Completed Description:

Observed the reinforcing steel within the slab in fill at approximately Lines B to B.2 and 1.1 to 1.3. Reinforcing steel was observed with respect to grade, size, spacing, lap splice length and clearance.

Observed the reinforcing dowels for the slab in fill within location referenced above. Per the structural plans the dowels were epoxied. Installation of the dowels were inspected with respect to hole size, dowel size and spacing.

Observed the placement of concrete within the slab on grade for the slab in fill and the within the location referenced above.

Tests Performed:

Field concrete tests, visual inspection

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.



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: 02/16/2021

Technician: Arndt, Chad

City of: Lees Summit, MO

Braun Intertec PM: James Simmons

Report Number: 4

Weather: Partly Cloudy 17

Coverage	Frequency	Notes
Steel Construction	Periodic	

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

Work Completed Description:

In progress welding inspection of 30 web reinforcement installations of double angles in joists in roof below new RTU installations at grid approximations of H.5 - 3, E - 3, H - 5, and G - 9 as shown on detail 5 of sheet S.5.1. All angles are currently unfinished as the required welding calls out 1/8" fillets at a minimum of 1 inch in length on both sides of the joint design.

Welders certifications will be reviewed during the next visit

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
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
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Lees Summit, MO 64081



Nearly all connections are in need of additional and necessary welding

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



Improper technique and lack of post cleaning is a concern along with angle melt through

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.

James Simmons

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: 02/24/2021

City of: Lees Summit, MO

Report Number: 5

Technician: Arndt, Chad

Braun Intertec PM: James Simmons

Weather: Sunny 58

Coverage	Frequency	Notes
Steel Construction	Periodic	

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

Work Completed Description:

Arrived onsite and met with Thomas Remus and Brenton Ewell for final welding inspection of 46 web reinforcement installations of double angles in joists supporting roof below new RTU installations at grid approximations of D - 4, H.5 - 3, E - 3, F-6, H - 5, and G - 9 as shown on detail 5 of sheet S.5.1. 1/8" fillet welding was acceptable according to size, length and profile.

All reinforcement was installed according to detail provided on Sheet S5.1 using (L2x2x3/16") ASTM A36 mild steel within 3 inches of panel points below new rooftop installation.

Welder certification was sent to the acting CWI at Braun Intertec by Brenton and was reviewed to be current as of the corresponding dates.

Tests Performed:

Visual of welding

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.



Compressive Strength of Concrete

Test Method: ASTM C39

Report Date: 2/23/2021

Sample: 358345

11529 W. 79th St, Building 21
Lenexa,
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 #:	1	Technician:	Gelinne, Evan	Batched:	02:15 CST
Specimen Size:	4" X 8"	Cast By:	Gelinne, Evan	Sampled:	02:36 CST
Specimens In Set:	5	Date Cast:	01/21/21	Cast:	02:40 CST
Truck / Ticket #:	467 / 823234	Sampled From:	Chute	Truck Empty:	02:49 CST
Contractor:		Placement Method:	Chute	Placement Time:	34 (min)

Location

Placement Location:	Other
Location Details:	Building exterior, footing, grid B-1.1 referencing plan page S1.0
Sample Location / Notes:	Building exterior, footing, grid B-1.1 referencing plan page S1.0

Batch Log

Supplier:	Geiger Ready Mix	Mix Design:	A4U5564V444	Strength:	3000 (psi)
Plant:	Lee's Summit, MO			Air:	Not Applicable - 3.0 (%)
On-Site Admixtures:	None			Slump:	3 - 5 (in)

Specifications

Field Measurements

Weather:	Sunny	Slump (in):	4-1/4 (ASTM C143)	Plastic Unit Weight:	
Air Temperature (F):	56	Concrete Temp (F):	70 (ASTM C1064)	Air Content:	
				Load Volume:	4 (yd³)

Lab Test Results

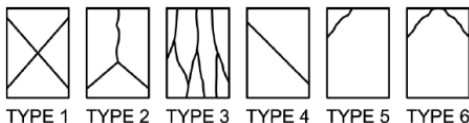
Testing Lab: Kansas City, 11529 W. 79th St, Building 21, Lenexa, KS

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
1-1	7	01/28/21	1 / 6	4.00	12.57	55,060	4,380	2	1A	N
1-2	28	02/18/21	1 / 27	4.01	12.63	68,660	5,440	2	1C	N
1-3	28	02/18/21	1 / 27	4.00	12.57	69,400	5,520	2	1C	N
1-4	28	02/18/21	1 / 27	4.00	12.57	67,770	5,390	2	1C	N
1-5	56 H	03/18/21	1 / 55							

Test Age Average Strengths (psi): 7 Day - 4380, 28 Day - 5450

Capping Methods

1A: The test result is for informational purposes.	N: ASTM C1231, Unbonded Caps
1C: The average result at this age meets or exceeds the specified compressive strength.	
Tested By: Stephen Tanquary (1,2,3,4)	
Checked In : 01/22/2021 (1,2,3,4,5)	



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

James Simmons

James Simmons
02/23/2021

Compressive Strength of Concrete

Test Method: ASTM C39

Report Date: 2/26/2021

Sample: 358935

11529 W. 79th St, Building 21
Lenexa,
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 #:	2	Technician:	Gelinne, Evan	Batched:	09:09 CST
Specimen Size:	4" X 8"	Cast By:	Gelinne, Evan	Sampled:	09:28 CST
Specimens In Set:	5	Date Cast:	01/26/21	Cast:	09:38 CST
Truck / Ticket #:	423 / 823465	Sampled From:	Chute	Truck Empty:	09:42 CST
Contractor:		Placement Method:	Chute	Placement Time:	33 (min)

Location

Placement Location:	Other
Location Details:	Building exterior, slab on grade for the stoop at grid 1.1-B referencing plan page S1.0
Sample Location / Notes:	Building exterior, slab on grade for the stoop located at grid 1.1-B referencing plan page S1.0

Batch Log

Supplier:	Geiger Ready Mix	Mix Design:	A4US564V444	Strength:	4000 (psi)
Plant:	Lee's Summit, MO			Air:	4.5 - 7.5 (%)
On-Site Admixtures:	None			Slump:	3 - 5 (in)

Specifications

Field Measurements

Weather:	Cloudy	Slump (in):	3-3/4 (ASTM C143)	Plastic Unit Weight:	
Air Temperature (F):	26	Concrete Temp (F):	68 (ASTM C1064)	Air Content:	5.0 (ASTM C231)
				Load Volume:	2.5 (yd³)

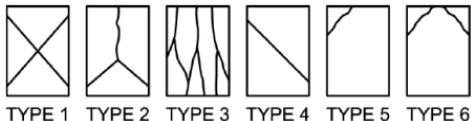
Lab Test Results

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
2-1	7	02/02/21	1 / 6	4.00	12.57	61,180	4,870	5	1A	N
2-2	28	02/23/21	1 / 27	4.00	12.57	71,560	5,690	2	1B	N
2-3	28	02/23/21	1 / 27	3.99	12.50	73,320	5,870	3	1B	N
2-4	28	02/23/21	1 / 27	4.00	12.57	72,980	5,810	2	1B	N
2-5	56 H	03/23/21	1 / 55							

Test Age Average Strengths (psi): 7 Day - 4870, 28 Day - 5790

Capping Methods

1A: The test result is for informational purposes.	N: ASTM C1231, Unbonded Caps
1B: The result meets or exceeds the specified compressive strength.	
Tested By: Gerald Brokeshoulder (1,2,3,4)	
Checked In : 01/27/2021 (1,2,3,4,5)	



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

James Simmons

James Simmons
02/26/2021

Compressive Strength of Concrete

Test Method: ASTM C39

Report Date: 2/26/2021

Sample: 358946

11529 W. 79th St, Building 21
Lenexa,
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 #:	3	Technician:	Gelinne, Evan	Batched:	12:30 CST
Specimen Size:	4" X 8"	Cast By:	Gelinne, Evan	Sampled:	13:02 CST
Specimens In Set:	5	Date Cast:	01/26/21	Cast:	13:06 CST
Truck / Ticket #:	307 / 823466	Sampled From:	Chute	Truck Empty:	13:42 CST
Contractor:		Placement Method:	Buggy	Placement Time:	72 (min)

Location

Placement Location:	Building Interior - Slab on Grade
Location Details:	Slab within the sushi utility trench, market grill bar utility trench, and the kitchen utility trench
Sample Location / Notes:	Building interior, slab for the market grill bar utility trench

Batch Log

Supplier:	Geiger Ready Mix	Mix Design:	P4US564V450	Strength:	4000 (psi)
Plant:	Lee's Summit, MO			Air:	Not Applicable - 3.0 (%)
On-Site Admixtures:	None			Slump:	3 - 5 (in)

Specifications

Field Measurements

Weather:	Cloudy	Slump (in):	4-1/2 (ASTM C143)	Plastic Unit Weight:	
Air Temperature (F):	25	Concrete Temp (F):	75 (ASTM C1064)	Air Content:	
				Load Volume:	10 (yd ³)

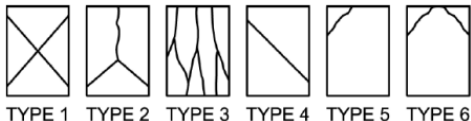
Lab Test Results

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
3-1	7	02/02/21	1 / 6	4.00	12.57	65,510	5,210	2	1A	N
3-2	28	02/23/21	1 / 27	4.00	12.57	82,680	6,580	3	1B	N
3-3	28	02/23/21	1 / 27	4.00	12.57	82,360	6,550	3	1B	N
3-4	28	02/23/21	1 / 27	3.99	12.50	84,920	6,790	3	1B	N
3-5	56 H	03/23/21	1 / 55							

Test Age Average Strengths (psi): 7 Day - 5210, 28 Day - 6640

Capping Methods

1A: The test result is for informational purposes.	N: ASTM C1231, Unbonded Caps
1B: The result meets or exceeds the specified compressive strength.	
Tested By: Gerald Brokeshoulder (1,2,3,4)	
Checked In : 01/27/2021 (1,2,3,4,5)	



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

James Simmons

James Simmons
02/26/2021