



# CTL THOMPSON Compressive Strength of Concrete

Founded in 1971

Test Method: ASTM C 39

Report #: CC-000043  
08/19/2022, 7-day  
Report Date: 08/30/2022  
Sample: 104330

### Colorado Springs

5170 Mark Dabling Blvd  
Colorado Springs, CO 80918  
Phone: 719-528-8300

### Client:

Sub4 Development Corporation  
2301 West Bradley Avenue Suite 2  
Champaign, IL 61821

### Project:

CS19163.001F-365  
Solace Colorado Springs  
Powers Boulevard and Galley Road  
Colorado Springs, CO

### Sample Details

<b>Set #:</b>	28	<b>Technician:</b>	Malfitano, Brigitte	<b>Batched:</b>	05:28 MDT
<b>Specimen Size:</b>	CS 4" X 8"	<b>Cast By:</b>	Malfitano, Brigitte	<b>Sampled:</b>	06:10 MDT
<b>Specimens In Set:</b>	5	<b>Date Cast:</b>	08/19/22	<b>Cast:</b>	06:18 MDT
<b>Truck / Ticket #:</b>	1746 / 14007457	<b>Sampled From:</b>	Chute	<b>Truck Empty:</b>	
<b>Contractor:</b>	Araco concrete contractor	<b>Placement Method:</b>	Pump	<b>Placement Time:</b>	

### Location

<b>Placement Location:</b>	Channel Liner
<b>Location Details:</b>	Irrigation channel, south part of channel after ledge of channel.
<b>Sample Location / Notes:</b>	1 yard west of the top northeast corner of irrigation channel, south part of channel after ledge of channel

### Batch Log

<b>Supplier:</b>	SRM Concrete	<b>Mix Design:</b>	ZCD4195	<b>Strength:</b>	4500 (psi)
<b>Plant:</b>	21014				
<b>On-Site Admixtures:</b>	None				

### Specifications

### Field Measurements

<b>Weather:</b>	Clear	<b>Slump (in):</b>	6	<b>Plastic Unit Weight:</b>	138.4 (lb/ft³)
<b>Air Temperature (F):</b>	61	<b>Concrete Temp (F):</b>	76	<b>Air Content:</b>	6.0
				<b>Load Volume:</b>	10.00 (yd³)

### Standard Cure

<b>Min / Max Temp (F):</b>	68/78
<b>Initial Cure Method:</b>	Box
<b>Final Cure Method:</b>	Tank

### Field Cure

### Lab Test Results

Testing Lab: Colorado Springs, 5170 Mark Dabling Blvd., Colorado Springs, CO, 80918

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
28-1	7	08/26/22	2 / 5	4.00	12.57	47,265	3,760	3		N
28-2	28	09/16/22	2 / 26							
28-3	28	09/16/22	2 / 26							
28-4	28	09/16/22	2 / 26							
28-5	56	10/14/22	2 / 54							

Test Age Average Strengths (psi): 7 Day - 3760

### Capping Methods

<b>Tested By:</b> Mark Coppeak (1)	<b>N:</b> Unbonded Caps (ASTM C1231)
<b>Checked In :</b> 08/21/2022 (1,2,3,4,5)	



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



# CTL THOMPSON Compressive Strength of Concrete

Founded in 1971

Test Method: ASTM C 39

Report #: CC-000044  
08/19/2022, 7-day  
Report Date: 08/30/2022  
Sample: 104331

### Colorado Springs

5170 Mark Dabbling Blvd  
Colorado Springs, CO 80918  
Phone: 719-528-8300

### Client:

Sub4 Development Corporation  
2301 West Bradley Avenue Suite 2  
Champaign, IL 61821

### Project:

CS19163.001F-365  
Solace Colorado Springs  
Powers Boulevard and Galley Road  
Colorado Springs, CO

### Sample Details

<b>Set #:</b>	32	<b>Technician:</b>	Malfitano, Brigitte	<b>Batched:</b>	06:49 MDT
<b>Specimen Size:</b>	CS 4" X 8"	<b>Cast By:</b>	Malfitano, Brigitte	<b>Sampled:</b>	07:20 MDT
<b>Specimens In Set:</b>	5	<b>Date Cast:</b>	08/19/22	<b>Cast:</b>	07:35 MDT
<b>Truck / Ticket #:</b>	1739 / 14007463	<b>Sampled From:</b>	Pump	<b>Truck Empty:</b>	
<b>Contractor:</b>	Araco concrete contractor	<b>Placement Method:</b>	Pump	<b>Placement Time:</b>	

### Location

<b>Placement Location:</b>	Channel Liner
<b>Location Details:</b>	Irrigation channel, south part of channel after ledge of channel
<b>Sample Location / Notes:</b>	10 yards south irrigation channel, south part of channel after ledge of channel.

### Batch Log

<b>Supplier:</b>	SRM Concrete	<b>Mix Design:</b>	ZCD4195	<b>Strength:</b>	4500 (psi)
<b>Plant:</b>	21014				
<b>On-Site Admixtures:</b>	None				

### Specifications

### Field Measurements

<b>Weather:</b>	Clear	<b>Slump (in):</b>	3	<b>Plastic Unit Weight:</b>	141.1 (lb/ft³)
<b>Air Temperature (F):</b>	60	<b>Concrete Temp (F):</b>	78	<b>Air Content:</b>	5.5
				<b>Load Volume:</b>	10.00 (yd³)

### Standard Cure

<b>Min / Max Temp (F):</b>	68/75
<b>Initial Cure Method:</b>	Box
<b>Final Cure Method:</b>	Tank

### Field Cure

### Lab Test Results

Testing Lab: Colorado Springs, 5170 Mark Dabbling Blvd., Colorado Springs, CO, 80918

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
32-1	7	08/26/22	1 / 6	4.00	12.57	62,105	4,940	3		N
32-2	28	09/16/22	1 / 27							
32-3	28	09/16/22	1 / 27							
32-4	28	09/16/22	1 / 27							
32-5	56 H	10/14/22	1 / 55							

Test Age Average Strengths (psi): 7 Day - 4940

### Capping Methods

<b>Tested By:</b> Mark Coppeak (1)	<b>N:</b> Unbonded Caps (ASTM C1231)
<b>Checked In :</b> 08/20/2022 (1,2,3,4,5)	



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



# CTL THOMPSON Compressive Strength of Concrete

Founded in 1971

Test Method: ASTM C 39

Report #: CC-000045  
08/19/2022, 7-day  
Report Date: 08/30/2022  
Sample: 104332

### Colorado Springs

5170 Mark Dabbling Blvd  
Colorado Springs, CO 80918  
Phone: 719-528-8300

### Client:

Sub4 Development Corporation  
2301 West Bradley Avenue Suite 2  
Champaign, IL 61821

### Project:

CS19163.001F-365  
Solace Colorado Springs  
Powers Boulevard and Galley Road  
Colorado Springs, CO

### Sample Details

<b>Set #:</b>	33	<b>Technician:</b>	Malfitano, Brigitte	<b>Batched:</b>	
<b>Specimen Size:</b>	CS 4" X 8"	<b>Cast By:</b>	Malfitano, Brigitte	<b>Sampled:</b>	08:10 MDT
<b>Specimens In Set:</b>	5	<b>Date Cast:</b>	08/19/22	<b>Cast:</b>	08:25 MDT
<b>Truck / Ticket #:</b>		<b>Sampled From:</b>	Pump	<b>Truck Empty:</b>	
<b>Contractor:</b>	Araco concrete contractor	<b>Placement Method:</b>	Pump	<b>Placement Time:</b>	

### Location

<b>Placement Location:</b>	Channel Liner
<b>Location Details:</b>	Irrigation channel, south part of channel after ledge of channel.
<b>Sample Location / Notes:</b>	Irrigation channel, south part of channel after ledge of channel 15 yards south

### Batch Log

<b>Supplier:</b>	SRM Concrete	<b>Mix Design:</b>	ZCD4195	<b>Strength:</b>	4500 (psi)
<b>Plant:</b>	21014				
<b>On-Site Admixtures:</b>	None				

### Specifications

### Field Measurements

<b>Weather:</b>	Clear	<b>Slump (in):</b>	4-1/2	<b>Plastic Unit Weight:</b>	138.4 (lb/ft³)
<b>Air Temperature (F):</b>		<b>Concrete Temp (F):</b>	78	<b>Air Content:</b>	7.0
				<b>Load Volume:</b>	

### Standard Cure

<b>Min / Max Temp (F):</b>	68/75
<b>Initial Cure Method:</b>	Box
<b>Final Cure Method:</b>	Tank

### Field Cure

### Lab Test Results

Testing Lab: Colorado Springs, 5170 Mark Dabbling Blvd., Colorado Springs, CO, 80918

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
33-1	7	08/26/22	1 / 6	4.00	12.57	46,792	3,720	2		N
33-2	28	09/16/22	1 / 27							
33-3	28	09/16/22	1 / 27							
33-4	28	09/16/22	1 / 27							
33-5	56	10/14/22	1 / 55							

Test Age Average Strengths (psi): 7 Day - 3720

### Capping Methods

<b>Tested By:</b> Mark Coppeak (1)	<b>N:</b> Unbonded Caps (ASTM C1231)
<b>Checked In :</b> 08/20/2022 (1,2,3,4,5)	



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



# CTL THOMPSON Compressive Strength of Concrete

Founded in 1971

Test Method: ASTM C 39

Report #: CC-000046  
08/19/2022, 7-day  
Report Date: 08/30/2022  
Sample: 104347

### Colorado Springs

5170 Mark Dabbling Blvd  
Colorado Springs, CO 80918  
Phone: 719-528-8300

### Client:

Sub4 Development Corporation  
2301 West Bradley Avenue Suite 2  
Champaign, IL 61821

### Project:

CS19163.001F-365  
Solace Colorado Springs  
Powers Boulevard and Galley Road  
Colorado Springs, CO

### Sample Details

<b>Set #:</b>	34	<b>Technician:</b>	Malfitano, Brigitte	<b>Batched:</b>	
<b>Specimen Size:</b>	CS 4" X 8"	<b>Cast By:</b>	Malfitano, Brigitte	<b>Sampled:</b>	09:00 MDT
<b>Specimens In Set:</b>	5	<b>Date Cast:</b>	08/19/22	<b>Cast:</b>	09:15 MDT
<b>Truck / Ticket #:</b>		<b>Sampled From:</b>	Pump	<b>Truck Empty:</b>	
<b>Contractor:</b>	Araco concrete contractor	<b>Placement Method:</b>	Pump	<b>Placement Time:</b>	

### Location

<b>Placement Location:</b>	Channel Liner
<b>Location Details:</b>	Irrigation channel, south part of channel after ledge of channel.
<b>Sample Location / Notes:</b>	24 yards south of the ne ledge

### Batch Log

<b>Supplier:</b>	SRM Concrete	<b>Mix Design:</b>	ZCD4195	<b>Strength:</b>	4500 (psi)
<b>Plant:</b>	21014				
<b>On-Site Admixtures:</b>	None				

### Specifications

### Field Measurements

<b>Weather:</b>	Clear	<b>Slump (in):</b>	4	<b>Plastic Unit Weight:</b>	138.8 (lb/ft³)
<b>Air Temperature (F):</b>		<b>Concrete Temp (F):</b>	77	<b>Air Content:</b>	6.9
				<b>Load Volume:</b>	

### Standard Cure

<b>Min / Max Temp (F):</b>	68/75
<b>Initial Cure Method:</b>	Box
<b>Final Cure Method:</b>	Tank

### Field Cure

### Lab Test Results

Testing Lab: Colorado Springs, 5170 Mark Dabbling Blvd., Colorado Springs, CO, 80918

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
34-1	7	08/26/22	1 / 6	4.00	12.57	47,558	3,780	5		N
34-2	28	09/16/22	1 / 27							
34-3	28	09/16/22	1 / 27							
34-4	28	09/16/22	1 / 27							
34-5	56 H	10/14/22	1 / 55							

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

### Capping Methods

<b>Tested By:</b> Mark Coppeak (1)	<b>N:</b> Unbonded Caps (ASTM C1231)
<b>Checked In :</b> 08/20/2022 (1,2,3,4,5)	



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



# CTL THOMPSON Compressive Strength of Concrete

Founded in 1971

Test Method: ASTM C 39

Report #: CC-000047  
08/19/2022, 7-day  
Report Date: 08/30/2022  
Sample: 104351

### Colorado Springs

5170 Mark Dabling Blvd  
Colorado Springs, CO 80918  
Phone: 719-528-8300

### Client:

Sub4 Development Corporation  
2301 West Bradley Avenue Suite 2  
Champaign, IL 61821

### Project:

CS19163.001F-365  
Solace Colorado Springs  
Powers Boulevard and Galley Road  
Colorado Springs, CO

### Sample Details

<b>Set #:</b>	35	<b>Technician:</b>	Malfitano, Brigitte	<b>Batched:</b>	
<b>Specimen Size:</b>	CS 4" X 8"	<b>Cast By:</b>	Malfitano, Brigitte	<b>Sampled:</b>	10:00 MDT
<b>Specimens In Set:</b>	5	<b>Date Cast:</b>	08/19/22	<b>Cast:</b>	10:15 MDT
<b>Truck / Ticket #:</b>		<b>Sampled From:</b>	Chute	<b>Truck Empty:</b>	
<b>Contractor:</b>	Araco concrete contractor	<b>Placement Method:</b>	Pump	<b>Placement Time:</b>	

### Location

<b>Placement Location:</b>	Channel Liner
<b>Location Details:</b>	Irrigation channel, south part of channel after ledge of channel.
<b>Sample Location / Notes:</b>	35 yards south of the irrigation channel ledge

### Batch Log

<b>Supplier:</b>	SRM Concrete	<b>Mix Design:</b>	ZCD4195	<b>Strength:</b>	4500 (psi)
<b>Plant:</b>	21014				
<b>On-Site Admixtures:</b>	None				

### Specifications

### Field Measurements

<b>Weather:</b>	Clear	<b>Slump (in):</b>	4-3/4	<b>Plastic Unit Weight:</b>	138.2 (lb/ft³)
<b>Air Temperature (F):</b>		<b>Concrete Temp (F):</b>	80	<b>Air Content:</b>	6.8
				<b>Load Volume:</b>	

### Standard Cure

<b>Min / Max Temp (F):</b>	68/75
<b>Initial Cure Method:</b>	Box
<b>Final Cure Method:</b>	Tank

### Field Cure

### Lab Test Results

Testing Lab: Colorado Springs, 5170 Mark Dabling Blvd., Colorado Springs, CO, 80918

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
35-1	7	08/26/22	1 / 6	4.00	12.57	44,251	3,520	5		N
35-2	28	09/16/22	1 / 27							
35-3	28	09/16/22	1 / 27							
35-4	28	09/16/22	1 / 27							
35-5	56	10/14/22	1 / 55							

Test Age Average Strengths (psi): 7 Day - 3520

### Capping Methods

<b>Tested By:</b> Mark Coppeak (1)	<b>N:</b> Unbonded Caps (ASTM C1231)
<b>Checked In :</b> 08/20/2022 (1,2,3,4,5)	



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



# CTL THOMPSON Compressive Strength of Concrete

Founded in 1971

Test Method: ASTM C 39

Report #: CC-000048  
08/19/2022, 7-day  
Report Date: 08/30/2022  
Sample: 104357

### Colorado Springs

5170 Mark Dabbling Blvd  
Colorado Springs, CO 80918  
Phone: 719-528-8300

### Client:

Sub4 Development Corporation  
2301 West Bradley Avenue Suite 2  
Champaign, IL 61821

### Project:

CS19163.001F-365  
Solace Colorado Springs  
Powers Boulevard and Galley Road  
Colorado Springs, CO

### Sample Details

<b>Set #:</b>	36	<b>Technician:</b>	Malfitano, Brigitte	<b>Batched:</b>	
<b>Specimen Size:</b>	CS 4" X 8"	<b>Cast By:</b>	Malfitano, Brigitte	<b>Sampled:</b>	11:08 MDT
<b>Specimens In Set:</b>	5	<b>Date Cast:</b>	08/19/22	<b>Cast:</b>	11:20 MDT
<b>Truck / Ticket #:</b>		<b>Sampled From:</b>	Chute	<b>Truck Empty:</b>	
<b>Contractor:</b>	Araco concrete contractor	<b>Placement Method:</b>	Pump	<b>Placement Time:</b>	

### Location

<b>Placement Location:</b>	Channel Liner
<b>Location Details:</b>	Irrigation channel, south part of channel after ledge of channel.
<b>Sample Location / Notes:</b>	15 yards north of the southend of irrigation channel pour #5

### Batch Log

<b>Supplier:</b>	SRM Concrete	<b>Mix Design:</b>	ZCD4195	<b>Strength:</b>	4500 (psi)
<b>Plant:</b>	21014				
<b>On-Site Admixtures:</b>	None				

### Specifications

### Field Measurements

<b>Weather:</b>	Clear	<b>Slump (in):</b>	5	<b>Plastic Unit Weight:</b>	138.4 (lb/ft³)
<b>Air Temperature (F):</b>		<b>Concrete Temp (F):</b>	80	<b>Air Content:</b>	7.0
				<b>Load Volume:</b>	

### Standard Cure

<b>Min / Max Temp (F):</b>	68/75
<b>Initial Cure Method:</b>	Box
<b>Final Cure Method:</b>	Tank

### Field Cure

### Lab Test Results

Testing Lab: Colorado Springs, 5170 Mark Dabbling Blvd., Colorado Springs, CO, 80918

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
36-1	7	08/26/22	1 / 6	4.00	12.57	49,615	3,950	5		N
36-2	28	09/16/22	1 / 27							
36-3	28	09/16/22	1 / 27							
36-4	28	09/16/22	1 / 27							
36-5	56	10/14/22	1 / 55							

Test Age Average Strengths (psi): 7 Day - 3950

### Capping Methods

<b>Tested By:</b> Mark Coppeak (1)	<b>N:</b> Unbonded Caps (ASTM C1231)
<b>Checked In :</b> 08/20/2022 (1,2,3,4,5)	



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



# CTL THOMPSON Compressive Strength of Concrete

Founded in 1971

Test Method: ASTM C 39

Report #: CC-000049  
08/19/2022, 7-day  
Report Date: 08/30/2022  
Sample: 104365

### Colorado Springs

5170 Mark Dabling Blvd  
Colorado Springs, CO 80918  
Phone: 719-528-8300

### Client:

Sub4 Development Corporation  
2301 West Bradley Avenue Suite 2  
Champaign, IL 61821

### Project:

CS19163.001F-365  
Solace Colorado Springs  
Powers Boulevard and Galley Road  
Colorado Springs, CO

### Sample Details

<b>Set #:</b>	37	<b>Technician:</b>	Malfitano, Brigitte	<b>Batched:</b>	
<b>Specimen Size:</b>	CS 4" X 8"	<b>Cast By:</b>	Malfitano, Brigitte	<b>Sampled:</b>	12:21 MDT
<b>Specimens In Set:</b>	5	<b>Date Cast:</b>	08/19/22	<b>Cast:</b>	12:29 MDT
<b>Truck / Ticket #:</b>		<b>Sampled From:</b>	Chute	<b>Truck Empty:</b>	
<b>Contractor:</b>	Araco concrete contractor	<b>Placement Method:</b>	Pump	<b>Placement Time:</b>	

### Location

<b>Placement Location:</b>	Channel Liner
<b>Location Details:</b>	Irrigation channel, south part of channel after ledge of channel.
<b>Sample Location / Notes:</b>	1 yard north of south end of irrigation channel pour #5

### Batch Log

<b>Supplier:</b>	SRM Concrete	<b>Mix Design:</b>	ZCD4195	<b>Strength:</b>	4500 (psi)
<b>Plant:</b>	21014				
<b>On-Site Admixtures:</b>	None				

### Specifications

### Field Measurements

<b>Weather:</b>	Clear	<b>Slump (in):</b>	4-1/2	<b>Plastic Unit Weight:</b>	
<b>Air Temperature (F):</b>		<b>Concrete Temp (F):</b>	85	<b>Air Content:</b>	6.5
				<b>Load Volume:</b>	

### Standard Cure

<b>Min / Max Temp (F):</b>	68/75
<b>Initial Cure Method:</b>	Box
<b>Final Cure Method:</b>	Tank

### Field Cure

### Lab Test Results

Testing Lab: Colorado Springs, 5170 Mark Dabling Blvd., Colorado Springs, CO, 80918

Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in <sup>2</sup> )	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
37-1	7	08/26/22	1 / 6	4.00	12.57	53,663	4,270	2		N
37-2	28	09/16/22	1 / 27							
37-3	28	09/16/22	1 / 27							
37-4	28	09/16/22	1 / 27							
37-5	56 H	10/14/22	1 / 55							

Test Age Average Strengths (psi): 7 Day - 4270

### Capping Methods

<b>Tested By:</b> Mark Coppeak (1)	<b>N:</b> Unbonded Caps (ASTM C1231)
<b>Checked In :</b> 08/20/2022 (1,2,3,4,5)	



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





# CTL THOMPSON Compressive Strength of Concrete

Founded in 1971

Test Method: ASTM C 39

Report #: CC-000050  
08/19/2022, 7-day  
Report Date: 08/30/2022  
Sample: 104376

### Colorado Springs

5170 Mark Dabling Blvd  
Colorado Springs, CO 80918  
Phone: 719-528-8300

### Client:

Sub4 Development Corporation  
2301 West Bradley Avenue Suite 2  
Champaign, IL 61821

### Project:

CS19163.001F-365  
Solace Colorado Springs  
Powers Boulevard and Galley Road  
Colorado Springs, CO

### Sample Details

<b>Set #:</b>	29	<b>Technician:</b>	Chavez, Angel	<b>Batched:</b>	13:54 MDT
<b>Specimen Size:</b>	CS 4" X 8"	<b>Cast By:</b>	Chavez, Angel	<b>Sampled:</b>	14:35 MDT
<b>Specimens In Set:</b>	5	<b>Date Cast:</b>	08/19/22	<b>Cast:</b>	14:50 MDT
<b>Truck / Ticket #:</b>	2031 / 14007534	<b>Sampled From:</b>	Pump	<b>Truck Empty:</b>	
<b>Contractor:</b>	Araco Concrete	<b>Placement Method:</b>	Pump	<b>Placement Time:</b>	

### Location

<b>Placement Location:</b>	Footings
<b>Location Details:</b>	Footings for Building E
<b>Sample Location / Notes:</b>	Northeast corner

### Batch Log

<b>Supplier:</b>	SRM Concrete	<b>Mix Design:</b>	N4405SP	<b>Strength:</b>	4500 (psi)
<b>Plant:</b>	21014				
<b>On-Site Admixtures:</b>	None				

### Specifications

### Field Measurements

<b>Weather:</b>	Cloudy	<b>Slump (in):</b>	7	<b>Plastic Unit Weight:</b>	145.8 (lb/ft³)
<b>Air Temperature (F):</b>	72	<b>Concrete Temp (F):</b>	75	<b>Air Content:</b>	1.8
				<b>Load Volume:</b>	10.00 (yd³)

### Standard Cure

<b>Min / Max Temp (F):</b>	68/78	<b>Field Cure</b>	
<b>Initial Cure Method:</b>	Box		
<b>Final Cure Method:</b>	Tank		

### Lab Test Results

Testing Lab: Colorado Springs, 5170 Mark Dabling Blvd., Colorado Springs, CO, 80918

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
29-1	7	08/26/22	2 / 5	4.00	12.57	83,600	6,650	1		N
29-2	28	09/16/22	2 / 26							
29-3	28	09/16/22	2 / 26							
29-4	28	09/16/22	2 / 26							
29-5	56 H	10/14/22	2 / 54							

Test Age Average Strengths (psi): 7 Day - 6650

### Capping Methods

<b>Tested By:</b> Mark Coppeak (1)	<b>N:</b> Unbonded Caps (ASTM C1231)
<b>Checked In :</b> 08/21/2022 (1,2,3,4,5)	



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





# CTL THOMPSON Compressive Strength of Concrete

Founded in 1971

Test Method: ASTM C 39

Report #: CC-000051

08/19/2022, 7-dat

Report Date: 08/30/2022

Sample: 104377

### Colorado Springs

5170 Mark Dabling Blvd  
Colorado Springs, CO 80918  
Phone: 719-528-8300

### Client:

Sub4 Development Corporation  
2301 West Bradley Avenue Suite 2  
Champaign, IL 61821

### Project:

CS19163.001F-365  
Solace Colorado Springs  
Powers Boulevard and Galley Road  
Colorado Springs, CO

### Sample Details

<b>Set #:</b>	30	<b>Technician:</b>	Chavez, Angel	<b>Batched:</b>	15:09 MDT
<b>Specimen Size:</b>	CS 4" X 8"	<b>Cast By:</b>	Chavez, Angel	<b>Sampled:</b>	16:05 MDT
<b>Specimens In Set:</b>	5	<b>Date Cast:</b>	08/19/22	<b>Cast:</b>	16:20 MDT
<b>Truck / Ticket #:</b>	1758 / 12005911	<b>Sampled From:</b>	Pump	<b>Truck Empty:</b>	
<b>Contractor:</b>	Araco Concrete	<b>Placement Method:</b>	Pump	<b>Placement Time:</b>	

### Location

<b>Placement Location:</b>	Footings
<b>Location Details:</b>	Footings for Building E
<b>Sample Location / Notes:</b>	Approximately 40 feet west of the northeast corner

### Batch Log

<b>Supplier:</b>	SRM Concrete	<b>Mix Design:</b>	N4405SP	<b>Strength:</b>	4500 (psi)
<b>Plant:</b>	21014				
<b>On-Site Admixtures:</b>	None				

### Specifications

### Field Measurements

<b>Weather:</b>	Cloudy	<b>Slump (in):</b>	7	<b>Plastic Unit Weight:</b>	146.0 (lb/ft³)
<b>Air Temperature (F):</b>	70	<b>Concrete Temp (F):</b>	77	<b>Air Content:</b>	1.8
				<b>Load Volume:</b>	10.00 (yd³)

### Standard Cure

<b>Min / Max Temp (F):</b>	68/78	<b>Field Cure</b>	
<b>Initial Cure Method:</b>	Box		
<b>Final Cure Method:</b>	Tank		

### Lab Test Results

Testing Lab: Colorado Springs, 5170 Mark Dabling Blvd., Colorado Springs, CO, 80918

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
30-1	7	08/26/22	2 / 5	4.00	12.57	89,770	7,140	2		N
30-2	28	09/16/22	2 / 26							
30-3	28	09/16/22	2 / 26							
30-4	28	09/16/22	2 / 26							
30-5	56 H	10/14/22	2 / 54							

Test Age Average Strengths (psi): 7 Day - 7140

### Capping Methods

<b>Tested By:</b> Mark Coppeak (1)	<b>N:</b> Unbonded Caps (ASTM C1231)
<b>Checked In :</b> 08/21/2022 (1,2,3,4,5)	



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



# CTL THOMPSON Compressive Strength of Concrete

Founded in 1971

Test Method: ASTM C 39

Report #: CC-000052  
08/19/2022, 7-day  
Report Date: 08/30/2022  
Sample: 104378

### Colorado Springs

5170 Mark Dabling Blvd  
Colorado Springs, CO 80918  
Phone: 719-528-8300

### Client:

Sub4 Development Corporation  
2301 West Bradley Avenue Suite 2  
Champaign, IL 61821

### Project:

CS19163.001F-365  
Solace Colorado Springs  
Powers Boulevard and Galley Road  
Colorado Springs, CO

### Sample Details

<b>Set #:</b>	31	<b>Technician:</b>	Chavez, Angel	<b>Batched:</b>	15:42 MDT
<b>Specimen Size:</b>	CS 4" X 8"	<b>Cast By:</b>	Chavez, Angel	<b>Sampled:</b>	16:35 MDT
<b>Specimens In Set:</b>	5	<b>Date Cast:</b>	08/19/22	<b>Cast:</b>	16:50 MDT
<b>Truck / Ticket #:</b>	8110 / 12005915	<b>Sampled From:</b>	Pump	<b>Truck Empty:</b>	
<b>Contractor:</b>	Araco Concrete	<b>Placement Method:</b>	Pump	<b>Placement Time:</b>	

### Location

<b>Placement Location:</b>	Footings
<b>Location Details:</b>	Footings for Building E
<b>Sample Location / Notes:</b>	Approximately 30 feet east of the southwest corner

### Batch Log

<b>Supplier:</b>	SRM Concrete	<b>Mix Design:</b>	N4405SP	<b>Strength:</b>	4500 (psi)
<b>Plant:</b>	21014				
<b>On-Site Admixtures:</b>	None				

### Specifications

### Field Measurements

<b>Weather:</b>	Cloudy	<b>Slump (in):</b>	7	<b>Plastic Unit Weight:</b>	146.6 (lb/ft³)
<b>Air Temperature (F):</b>	64	<b>Concrete Temp (F):</b>	76	<b>Air Content:</b>	1.7
				<b>Load Volume:</b>	10.00 (yd³)

### Standard Cure

<b>Min / Max Temp (F):</b>	68/78			<b>Field Cure</b>	
<b>Initial Cure Method:</b>	Box				
<b>Final Cure Method:</b>	Tank				

### Lab Test Results

<b>Testing Lab:</b> Colorado Springs, 5170 Mark Dabling Blvd., Colorado Springs, CO, 80918										
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
31-1	7	08/26/22	2 / 5	4.00	12.57	87,296	6,950	3		N
31-2	28	09/16/22	2 / 26							
31-3	28	09/16/22	2 / 26							
31-4	28	09/16/22	2 / 26							
31-5	56 H	10/14/22	2 / 54							

**Test Age Average Strengths (psi):** 7 Day - 6950

### Capping Methods

<b>Tested By:</b> Mark Coppeak (1)	<b>N:</b> Unbonded Caps (ASTM C1231)
<b>Checked In :</b> 08/21/2022 (1,2,3,4,5)	



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