



Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Concrete Field Report

Report No: FC:0275169-8

Issue No: 1

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR  
LANSING, MI 48911

**CC:** ARCHIE LANHAM  
DONNIE JONES  
JUSTIN PARK  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT, LA

These test results apply only to the specific locations and materials noted and may not represent any other locations or elevations. This report may not be reproduced, except in full, without written permission by Professional Service Industries, Inc.

Approved Signatory: Michael Carr (Department Manager)

Date of Issue: 4/26/2010

## General Field Data

Technician: Jesi Hoover

Test Date: 4/22/2010

Weather: Partly Cloudy

## Test Results

Set No.	Specimens Made	Time Batched	Time Unloaded	Cubic Yards Placed	Slump (in)	Air Temp. (°F)	Concrete Temp. (°F)
0275169-8-C1	4	10:45	11:40	8.0	8.50	83	78
0275169-8-C2	4	15:30	16:15	32.0	8.50	85	80
0275169-8-C3	0						
0275169-8-C4	0						

## Location & Remarks

Set No.	Location
<b>General Location:</b> Drilled Piers	
0275169-8-C1	Pier E/3 & D/2
0275169-8-C2	Pier F/4 & F/5
0275169-8-C3	Pier E/3 & D/2
0275169-8-C4	Pier F/4 & F/5

## Mix Data

Set No.	Supplier	Mix	Design Strength (psi)
0275169-8-C1	Builder's Supply	733570 3800 PSI	3800
0275169-8-C2	Builder's Supply	733570 3800 PSI	3800
0275169-8-C3	Builder's Supply	733570 3800 PSI	3800
0275169-8-C4	Builder's Supply	733570 3800 PSI	3800

Notes

Remarks





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# Concrete Test Report

Report No: CON:0275169-8-C1

Issue No: 2

**Client:** WIELAND-DAVCO CORPORATION CC: ARCHIE LANHAM  
4162 ENGLISH OAK DR  
LANSING, MI 48911  
DONNIE JONES  
JUSTIN PARK  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT, LA

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*Michael Carr*

Approved Signatory: Michael Carr (Department Manager)

Date of Issue: 5/20/2010

## Mix Data

Mix Data Submitted By	Builder's Supply	Material	Source	Amount	Moisture
Supplier	Builder's Supply	Cement 1 (lb)			N/A
Mix Identification	733570	Cement 2 (lb)			N/A
Specified Design Strength (psi)	3800 at age 28 days	Fly Ash (lb)			N/A
Design Unit Weight (pcf)		Coarse Agg 1 (lb)			
Cement Factor (Sacks/yd <sup>3</sup> )		Coarse Agg 2 (lb)			
Water-Cement Ratio (lb/lb)		Fine Agg (lb)			
		Admix 1 (oz)			
		Admix 2 (oz)			
		Admix 3 (oz)			
		Water (gal)			

## Details of Sample

Date Sampled	4/22/2010	Date Received	4/23/2010	Measured	Specified
General Location	Drilled Piers			Slump (in)	8.50
Sample Location	Pier E/3 & D/2			Slump w/ plasticizer (in)	N/A
Curing Method	One day Field/Laboratory Cure			Air Temp (°F)	83
Field Sample No		Field Cure Temp (°F)	High Low	Concrete Temp (°F)	78
				ASTM C 1064	
				Air Content (%)	78
				ASTM C 231	
				Unit Weight (pcf)	8
				ASTM C 138	
Contractor	Case Atlantic			Batch Size (yd <sup>3</sup> )	8
Truck No.	444	Ticket No.		Water Added (gal)	Before After
Sampled By	Jesi Hoover				
Submitted By	Jesi Hoover			Time Batched	10:45
Weather	Partly Cloudy			Time Sampled	11:30
Est. Wind (mph)	10	Yd <sup>3</sup> Placed	8.0	Time Placed	11:40
Est. Rh (%)	78			Time In Truck (mins)	55

## Compressive Strength of Concrete Cylinders

ASTM C 39

Specimen ID	Date Tested	Age (days)	Dimensions (in) Diameter Height	Area (in <sup>2</sup> )	Type of Cap	Ultimate Load (lbf)	Type of Fracture	Compressive Strength (psi)	Required Strength (psi)
0275169-8-C1\1	04/29/10	7	4.01 8.01	12.63	U	53990	3	4270	
0275169-8-C1\2	05/20/10	28	4.01 8.01	12.63	U	61760	5	4890	3000
0275169-8-C1\3	05/20/10	28	4.00 8.00	12.57	U	68350	5	5440	3000
0275169-8-C1\4	05/20/10	28	4.00 8.00	12.57	U	66570	5	5300	3000

## Notes

1. Sampling to ASTM C 172
2. Specimen(s) Prepared to ASTM C 31
3. Capping B=Bonded ASTM C 617, U=Unbonded ASTM C 1231, C = Combined

## Remarks

Failure Mode: 3 = C39: Vert cracking/no cones; C1314: Cone & Split, 5 = C39: Side fracture-opposite ends; C1314: Semi-Conical Break





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## Concrete Field Report

Report No: FC:0275169-10

Issue No: 1

Client: WIELAND-DAVCO CORPORATION CC: ARCHIE LANHAM  
4162 ENGLISH OAK DR  
LANSING, MI 48911  
DONNIE JONES  
JUSTIN PARK  
RANDY FRITZ

Project: VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT, LA

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Approved Signatory: Michael Carr (Department Manager)

Date of Issue: 4/27/2010

### General Field Data

Technician: Jesi Hoover

Test Date: 4/26/2010

Weather: Sunny

### Test Results

Set No.	Specimens Made	Ticket	Time Batched	Time Unloaded	Cubic Yards Placed	Slump (in)	Air Temp. (°F)	Concrete Temp. (°F)
0275169-10-C1	0	2102158	10:24	11:20	8.0	8.50	79	
0275169-10-C2	4	2102160	10:29	11:35	16.0	8.00	82	77
0275169-10-C3	0	2102159	10:36	11:50	24.0	8.00	83	
0275169-10-C4	0	17038311	14:15	15:15	32.0	8.00	84	
0275169-10-C5	4	17038312	14:25	15:40	40.0	8.50	84	78
0275169-10-C6	0	17038313	14:30	15:35	48.0	8.00	84	

### Location & Remarks

Set No. Location  
General Location: Drilled Piers

0275169-10-C1 Pier C/5

0275169-10-C2 Pier C/5 & Bottom of E/4

0275169-10-C3 Pier E/4

0275169-10-C4 Pier C/2

0275169-10-C5 Pier C/2 & Bottom of D/4

0275169-10-C6 Pier D/4

### Mix Data

Set No.	Supplier	Mix	Design Strength (psi)
0275169-10-C1	Builder's Supply	733570 3800 PSI	3800
0275169-10-C2	Builder's Supply	733570 3800 PSI	3800
0275169-10-C3	Builder's Supply	733570 3800 PSI	3800
0275169-10-C4	Builder's Supply	733570 3800 PSI	3800
0275169-10-C5	Builder's Supply	733570 3800 PSI	3800
0275169-10-C6	Builder's Supply	733570 3800 PSI	3800

Notes

Remarks



# Concrete Test Report

Report No: CON:0275169-10-C5

Issue No: 2

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR  
LANSING, MI 48911

**CC:** ARCHIE LANHAM  
DONNIE JONES  
JUSTIN PARK  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT, LA

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*Michael Carr*

Approved Signatory: Michael Carr (Department Manager)

Date of Issue: 5/24/2010

## Mix Data

Mix Data Submitted By	Builder's Supply	Material	Source	Amount	Moisture
Supplier	Builder's Supply	Cement 1 (lb)			N/A
Mix Identification	733570	Cement 2 (lb)			N/A
Specified Design Strength (psi)	3800 at age 28 days	Fly Ash (lb)			N/A
Design Unit Weight (pcf)		Coarse Agg 1 (lb)			
Cement Factor (Sacks/yd³)		Coarse Agg 2 (lb)			
Water-Cement Ratio (lb/lb)		Fine Agg (lb)			
		Admix 1 (oz)			
		Admix 2 (oz)			
		Admix 3 (oz)			
		Water (gal)			

## Details of Sample

Date Sampled	4/26/2010	Date Received	4/27/2010	Measured	Specified
General Location	Drilled Piers			Slump (in)	8.50
Sample Location	Pier C/2 & Bottom of D/4			Slump w/ plasticizer (in)	N/A
Curing Method	One day Field/Laboratory Cure			Air Temp (°F)	84
Field Sample No		Field Cure Temp (°F)	High	Concrete Temp (°F)	78
			Low	Air Content (%)	ASTM C 231
Contractor	Case Atlantic			Unit Weight (pcf)	ASTM C 138
Truck No.	417	Ticket No.	17038312	Batch Size (yd³)	8
Sampled By	Jesi Hoover			Water Added (gal)	Before
Submitted By	Jesi Hoover				After
Weather	Sunny			Time Batched	14:25
Est. Wind (mph)	10	Yd³ Placed	40.0	Time Sampled	15:00
Est. Rh (%)	68			Time Placed	15:40
				Time In Truck (mins)	75

## Compressive Strength of Concrete Cylinders

ASTM C 39

Specimen ID	Date Tested	Age (days)	Dimensions (in)	Area (in²)	Type of Cap	Ultimate Load (lbf)	Type of Fracture	Compressive Strength (psi)	Required Strength (psi)
			Diameter	Height					
0275169-10-C51	05/03/10	7	4.00	8.00	12.57	U	55060	4	4380
0275169-10-C52	05/24/10	28	4.00	8.00	12.57	U	59040	1	4700
0275169-10-C53	05/24/10	28	4.01	8.01	12.63	U	63870	5	5060
0275169-10-C54	05/24/10	28	4.00	8.00	12.57	U	66470	5	5290

## Notes

1. Sampling to ASTM C 172
2. Specimen(s) Prepared to ASTM C 31
3. Capping B=Bonded ASTM C 617, U=Unbonded ASTM C 1231, C = Combined

## Remarks

Failure Mode: 1 = C39: Cones on both ends; C1314: Conical Break, 4 = C39: Diagonal fracture; C1314: Tension Break, 5 = C39: Side fracture-opposite ends; C1314: Semi-Conical Break



# Concrete Field Report

Report No: FC:0275169-14

Issue No: 1

**Client:** WIELAND-DAVCO CORPORATION **CC:** ARCHIE LANHAM  
4162 ENGLISH OAK DR  
LANSING, MI 48911  
DONNIE JONES  
JUSTIN PARK  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT, LA

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*Michael Carr*

Approved Signatory: Michael Carr (Department Manager)

Date of Issue: 4/30/2010

## General Field Data

**Technician:** Jesi Hoover

**Test Date:** 4/29/2010

**Weather:** Partly Cloudy

## Test Results

Set No.	Specimens Made	Ticket	Time Batched	Time Unloaded	Cubic Yards Placed	Slump (in)	Air Temp. (°F)	Concrete Temp. (°F)
0275169-14-C1	4	2102395	10:20	11:25	8.0	8.50	83	77
0275169-14-C2	0	4057501	11:08	11:55	16.0	8.00	83	
0275169-14-C3	0	2102400	11:12	12:45	24.0	8.50	83	
0275169-14-C4	4	2102432	13:18	14:35	33.0	8.50	85	82
0275169-14-C5	0	2102435	15:35		42.0	8.50	85	

## Location & Remarks

Set No.	Location
<b>General Location:</b> Drilled Piers	
0275169-14-C1	Pier C.7/3
0275169-14-C2	Pier C.7/3 & D.3/3
0275169-14-C3	Pier D.3/3
0275169-14-C4	Pier C/4
0275169-14-C5	Pier C/4 & B/2.1

## Mix Data

Set No.	Supplier	Mix	Design Strength (psi)
0275169-14-C1	Builder's Supply	733570 3800 PSI	3800
0275169-14-C2	Builder's Supply	733570 3800 PSI	3800
0275169-14-C3	Builder's Supply	733570 3800 PSI	3800
0275169-14-C4	Builder's Supply	733570 3800 PSI	3800
0275169-14-C5	Builder's Supply	733570 3800 PSI	3800

Notes	Remarks





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# Concrete Test Report

Report No: CON:0275169-14-C4

Issue No: 2

**Client:** WIELAND-DAVCO CORPORATION **CC:** ARCHIE LANHAM  
4162 ENGLISH OAK DR  
LANSING, MI 48911  
DONNIE JONES  
JUSTIN PARK  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT, LA

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Approved Signatory: Michael Carr (Department Manager)

Date of Issue: 5/27/2010

## Mix Data

Mix Data Submitted By	Builder's Supply	Material	Source	Amount	Moisture
Supplier	Builder's Supply	Cement 1 (lb)			N/A
Mix Identification	733570	Cement 2 (lb)			N/A
Specified Design Strength (psi)	3800 at age 28 days	Fly Ash (lb)			N/A
Design Unit Weight (pcf)		Coarse Agg 1 (lb)			
Cement Factor (Sacks/yd³)		Coarse Agg 2 (lb)			
Water-Cement Ratio (lb/lb)		Fine Agg (lb)			
		Admix 1 (oz)			
		Admix 2 (oz)			
		Admix 3 (oz)			
		Water (gal)			

## Details of Sample

Date Sampled	4/29/2010	Date Received	4/30/2010	Measured	Specified
General Location	Drilled Piers			Slump (in)	8.50
Sample Location	Pier C/4			Slump w/ plasticizer (in)	N/A
Curing Method	One day Field/Laboratory Cure			Air Temp (°F)	85
Field Sample No		Field Cure Temp (°F)	High Low	Concrete Temp (°F)	82
				ASTM C 1064	
Contractor	Case Atlantic			Air Content (%)	
Truck No.	416	Ticket No.	2102432	ASTM C 231	
Sampled By	Jesi Hoover			Unit Weight (pcf)	
Submitted By	Jesi Hoover			ASTM C 138	
Weather	Partly Cloudy			Batch Size (yd³)	9
Est. Wind (mph)	25	Yd³ Placed	33.0	Water Added (gal)	Before After
Est. Rh (%)	70			Time Batched	13:18
				Time Sampled	14:20
				Time Placed	14:35
				Time In Truck (mins)	77

## Compressive Strength of Concrete Cylinders

ASTM C 39

Specimen ID	Date Tested	Age (days)	Dimensions (in) Diameter Height	Area (in²)	Type of Cap	Ultimate Load (lbf)	Type of Fracture	Compressive Strength (psi)	Required Strength (psi)
0275169-14-C41	05/06/10	7	4.01 8.01	12.63	U	56260	1	4450	
0275169-14-C42	05/27/10	28	4.00 8.00	12.57	U	61630	1	4900	3000
0275169-14-C43	05/27/10	28	4.01 8.00	12.60	U	62590	3	4970	3000
0275169-14-C44	05/27/10	28	4.00 8.00	12.57	U	59470	3	4730	3000

## Notes

1. Sampling to ASTM C 172
2. Specimen(s) Prepared to ASTM C 31
3. Capping B=Bonded ASTM C 617, U=Unbonded ASTM C 1231, C = Combined

## Remarks

Failure Mode: 1 = C39: Cones on both ends; C1314: Conical Break, 3 = C39: Vert cracking/no cones; C1314: Cone & Split



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# Drilled Pier Report

**Report No: DPR:0275169-1-C1**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR

LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 5/19/2010

**Log of Pier:** J.2/2.3 **Date:** 3/31/2010 **Technician:** Jesi Hoover

<b>Drilling Contractor:</b> Case Atlantic <b>Concrete Supplier:</b> Builder's Supply <b>Pier Type:</b> Drill Caisson <b>Auger Refusal Depth:</b> feet		<b>Equipment Code</b> <b>Slump Cone:</b> 04SC275 <b>Thermometer:</b> 04CT275 <b>Air Meter:</b>	
<b>Shaft Pier</b> Diameter: 24.00 inches Bell Diameter: inches Existing Grade Elevation: 85.50 feet Plan Top Elevation: 83.00 feet Actual Elevation Top: 83.00 feet Plan Elevation Bottom: 28.00 feet Actual Elevation Bottom: 28.00 feet Length of Pier: 55.00 feet Length Auger Drilled: 55.00 feet Length Rock Cored: feet		<b>Dates</b> Date Started: 5/5/2010 Date Completed: 5/5/2010 Date(s) Observed: 5/5/2010 Date Concrete Placed: 5/5/2010	
<b>Water</b> Water Present Prior to Pumping : 1.00 feet Water Present Prior to Concrete Placement : 1.00 feet		<b>Pier Concrete</b> Total Amt. of Concrete (yd <sup>3</sup> ): 8 Initial Time of Placement: 11:20 Time of Completion: 11:35 Design Strength (psi): 3000 Ticket Number(s): 2102323	
<b>Bearing Surface</b> Level: <input checked="" type="checkbox"/> Clean: <input checked="" type="checkbox"/> Sound: <input checked="" type="checkbox"/> Rock Socket Length : feet Probe Hole Length : feet		<b>Concrete Testing</b> Amt. of Concrete in Load (yd <sup>3</sup> ): 8.5 Ticket No.: 2102823 Truck No.: 348 Mix No.: 733570 No. of Cylinders: 4 Slump (in): 8.5 Air (%): Concrete Temp. (°F): 85 Air Temp. (°F): 81 Cylinder Set No.: 0275169-1-C1	
<b>Reinforcing Steel</b> Vertical No. of bars: 8 Size: #6 Cage Diameter: 18.00 inches Cage Length: 53.00 feet Horizontal: No. of bars: 42 Size: #4 Spacing: 16.00 inches		If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.  Other Concrete Areas: H/2.3 Probe Hole Description: Remarks: Concrete placed by tremy. Shoring sieve was used.	

All grade elevations are approximate.





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# Drilled Pier Report

**Report No: DPR:0275169-1-C3**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR  
  
LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 5/19/2010

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

**Log of Pier:** K.2/7.6 **Date:** 3/31/2010 **Technician:** Jesi Hoover

<b>Drilling Contractor:</b> Case Atlantic <b>Concrete Supplier:</b> Builder's Supply <b>Pier Type:</b> Drilled Pier <b>Auger Refusal Depth:</b> feet		<b>Equipment Code</b> <b>Slump Cone:</b> 04SC275 <b>Thermometer:</b> 04CT275 <b>Air Meter:</b>	
<b>Shaft Pier</b> Diameter: inches Bell Diameter: 24.00 inches Existing Grade Elevation: 85.50 feet Plan Top Elevation: feet Actual Elevation Top: feet Plan Elevation Bottom: feet Actual Elevation Bottom: feet Length of Pier: 35.00 feet Length Auger Drilled: 35.00 feet Length Rock Cored: feet		<b>Dates</b> Date Started: 5/5/2010 Date Completed: 5/5/2010 Date(s) Observed: 5/5/2010 Date Concrete Placed: 5/5/2010	
<b>Water</b> Water Present Prior to Pumping : 20.00 feet Water Present Prior to Concrete Placement : 20.00 feet		<b>Pier Concrete</b> Total Amt. of Concrete (yd <sup>3</sup> ): 4 Initial Time of Placement: 15:10 Time of Completion: 15:30 Design Strength (psi): 3000 Ticket Number(s): 2102867	
<b>Bearing Surface</b> Level: <input checked="" type="checkbox"/> Clean: <input checked="" type="checkbox"/> Sound: <input checked="" type="checkbox"/> Rock Socket Length : feet Probe Hole Length : feet		<b>Concrete Testing</b> Amt. of Concrete in Load (yd <sup>3</sup> ): 10 Ticket No.: 2102867 Truck No.: 463 Mix No.: 733570 No. of Cylinders: 4 Slump (in): 8.5 Air (%): Concrete Temp. (°F): 88 Air Temp. (°F): 84 Cylinder Set No.: 0275169-1-C3	
<b>Reinforcing Steel</b> Vertical No. of bars: 8 Size: #6 Cage Diameter: 18.00 inches Cage Length: 33.00 feet Horizontal: No. of bars: 27 Size: #4 Spacing: 16.00 inches		If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.  Other Concrete Areas: J.2/7.6 & H/7.2 Probe Hole Description: Remarks: Concrete placed by tremy. Shoring sieve was used. Slurry method was used.	

All grade elevations are approximate.





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# Drilled Pier Report

**Report No: DPR:0275169-1-C4**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR

LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 5/19/2010

**Log of Pier:** J.7/7.6

**Date:** 3/31/2010

**Technician:** Jesi Hoover

Drilling Contractor:	Case Atlantic	<b>Equipment Code</b>	
Concrete Supplier:	Builder's Supply	Slump Cone:	04SC275
Pier Type:	Drilled Caisson	Thermometer:	04CT275
Auger Refusal Depth:	feet	Air Meter:	

<b>Shaft Pier</b>			<b>Dates</b>		<b>Pier Concrete</b>	
Diameter:	24.00	inches	Date Started:	5/5/2010	Total Amt. of Concrete (yd <sup>3</sup> ):	4
Bell Diameter:		inches	Date Completed:	5/5/2010	Initial Time of Placement:	15:30
Existing Grade Elevation:	85.50	feet	Date(s) Observed:	5/5/2010	Time of Completion:	15:40
Plan Top Elevation:		feet	Date Concrete Placed:	5/5/2010	Design Strength (psi):	3000
Actual Elevation Top:		feet			Ticket Number(s):	2102867
Plan Elevation Bottom:		feet				
Actual Elevation Bottom:		feet				
Length of Pier:	35.00	feet				
Length Auger Drilled:	35.00	feet				
Length Rock Cored:		feet				
			<b>Concrete Testing</b>			
<b>Water</b>			Amt. of Concrete in Load (yd <sup>3</sup> ): 10			
Water Present Prior to Pumping :	1.00	feet	Ticket No.: 2102866			
Water Present Prior to Concrete Placement :	1.00	feet	Truck No.: 370			
			Mix No.: 733570			
			No. of Cylinders: 0			
			Slump (in): 8.5			
<b>Bearing Surface</b>			Air (%):			
Level:	<input checked="" type="checkbox"/>		Concrete Temp. (°F):			
Clean:	<input checked="" type="checkbox"/>		Air Temp. (°F): 85			
Sound:	<input checked="" type="checkbox"/>		Cylinder Set No.: 0275169-1-C4			
Rock Socket Length :		feet				
Probe Hole Length :		feet				
<b>Reinforcing Steel</b>						
Vertical No. of bars:	8					
Size:	#6					
Cage Diameter:	18.00	inches	If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.			
Cage Length:	33.00	feet				
Horizontal: No. of bars:	27		Other Concrete Areas:			
Size:	#4		Probe Hole Description:			
Spacing:	16.00	inches	Remarks: Concrete placed by tremy. Shoring sieve was used.			

All grade elevations are approximate.





Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-1-C5**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR  
  
LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 5/19/2010

**Log of Pier:** H/7.2 **Date:** 3/31/2010 **Technician:** Jesi Hoover

Drilling Contractor:	Case Atlantic	<b>Equipment Code</b>	
Concrete Supplier:	Builder's Supply	Slump Cone:	04SC275
Pier Type:	Drilled Caisson	Thermometer:	04CT275
Auger Refusal Depth:	feet	Air Meter:	

<b>Shaft Pier</b> Diameter: 36.00 inches Bell Diameter: inches Existing Grade Elevation: 85.50 feet Plan Top Elevation: 83.00 feet Actual Elevation Top: 83.00 feet Plan Elevation Bottom: 23.00 feet Actual Elevation Bottom: 23.00 feet Length of Pier: 60.00 feet Length Auger Drilled: 60.00 feet Length Rock Cored: feet		<b>Dates</b> Date Started: 5/5/2010 Date Completed: 5/5/2010 Date(s) Observed: 5/5/2010 Date Concrete Placed: 5/5/2010	<b>Pier Concrete</b> Total Amt. of Concrete (yd <sup>3</sup> ): 15 Initial Time of Placement: 15:45 Time of Completion: 16:15 Design Strength (psi): 3000 Ticket Number(s): 2102866 17038815
<b>Water</b> Water Present Prior to Pumping : feet Water Present Prior to Concrete Placement : feet		<b>Concrete Testing</b> Amt. of Concrete in Load (yd <sup>3</sup> ): 8 Ticket No.: 17058815 Truck No.: 433 Mix No.: 733570 No. of Cylinders: 0 Slump (in): 8.5 Air (%): Concrete Temp. (°F): Air Temp. (°F): 85 Cylinder Set No.: 0275169-1-C5	
<b>Bearing Surface</b> Level: <input checked="" type="checkbox"/> Clean: <input checked="" type="checkbox"/> Sound: <input checked="" type="checkbox"/> Rock Socket Length : feet Probe Hole Length : feet		<b>Reinforcing Steel</b> Vertical No. of bars: 8 Size: #8 Cage Diameter: 30.00 inches Cage Length: 58.00 feet Horizontal: No. of bars: 46 Size: 4 Spacing: 16.00 inches	
		If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.	
		Other Concrete Areas: Probe Hole Description: Remarks: Concrete placed by tremy. Shoring sieve was used.	

All grade elevations are approximate.





Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-6-C1**

Issue No: 1

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR

LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Michael Cunniff

Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 4/22/2010

**Log of Pier:** G-2      **Date:** 4/20/2010      **Technician:** Jesi Hoover

Drilling Contractor:	Case Atlantic
Concrete Supplier:	Builder's Supply
Pier Type:	Drilled Caisson
Auger Refusal Depth:	40.00 feet

**Equipment Code**

Slump Cone:	04SC275
Thermometer:	04CT275
Air Meter:	04PM275

### Shaft Pier

Diameter:	36.00	inches
Bell Diameter:		inches
Existing Grade Elevation:	94.00	feet
Plan Top Elevation:	90.84	feet
Actual Elevation Top:	90.84	feet
Plan Elevation Bottom:	50.84	feet
Actual Elevation Bottom:	50.84	feet
Length of Pier:	40.00	feet
Length Auger Drilled:	40.00	feet
Length Rock Cored:		feet

## Dates

Date Started: 4/20/2010  
Date Completed: 4/20/2010  
Date(s) Observed: 4/20/2010  
Date Concrete  
Placed: 4/20/2010

### Pier Concrete

Total Amt. of Concrete (yd <sup>3</sup> ):	9
Initial Time of Placement:	14:00
Time of Completion:	14:35
Design Strength (psi):	3000
Ticket Number(s):	210832

## Concrete Testing

Amt. of Concrete in Load (yd <sup>3</sup> ):	9
Ticket No.:	210182
Truck No.:	408
Mix No.:	733570
No. of Cylinders:	4
Slump (in):	8
Air (%):	
Concrete Temp. (°F):	78
Air Temp. (°F):	74
Cylinder Set No.:	0275169-6-C1

## Water

Water Present Prior to Pumping :	30.00	feet
Water Present Prior to Concrete Placement :	30.00	feet

### Bearing Surface

Level: ☐  
 Clean: ☐  
 Sound: ☐  
 Rock Socket Length : \_\_\_\_\_ feet  
 Probe Hole Length : \_\_\_\_\_ feet

## Reinforcing Steel

Vertical No. of bars:	8	
Size:	#8	
Cage Diameter:	30.00	inches
Cage Length:	38.00	feet
Horizontal: No. of bars:	31	
Size:	#4	
Spacing:	16.00	inches

If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.

Other Concrete Areas:  
Probe Hole Description:

Remarks: Piers drilled per slurry method. Concrete pumped & tremmied to bottom of pier. Reinforcing steel per S301 Detail B dated 1/20/10.

All grade elevations are approximate.





Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-7-C1**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR  
  
LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 4/22/2010

**Log of Pier:** G/3 **Date:** 4/21/2010 **Technician:** Jesi Hoover

Drilling Contractor:	Case Atlantic	<b>Equipment Code</b>	
Concrete Supplier:	Builder's Supply	Slump Cone:	04SC275
Pier Type:	Drilled Caisson	Thermometer:	04CT275
Auger Refusal Depth:	feet	Air Meter:	

<b><u>Shaft Pier</u></b>			<b><u>Dates</u></b>		<b><u>Pier Concrete</u></b>	
Diameter:	36.00	inches	Date Started:	4/21/2010	Total Amt. of Concrete (yd <sup>3</sup> ):	11
Bell Diameter:		inches	Date Completed:	4/21/2010	Initial Time of Placement:	11:30
Existing Grade Elevation:	94.00	feet	Date(s) Observed:	4/21/2010	Time of Completion:	11:45
Plan Top Elevation:	90.84	feet	Date Concrete Placed:	4/21/2010	Design Strength (psi):	3000
Actual Elevation Top:	90.84	feet			Ticket Number(s):	2101891
Plan Elevation Bottom:	50.84	feet				
Actual Elevation Bottom:	50.84	feet				
Length of Pier:	40.00	feet				
Length Auger Drilled:	40.00	feet				
Length Rock Cored:		feet				
<b><u>Water</u></b>			<b><u>Concrete Testing</u></b>			
Water Present Prior to Pumping :	0.50	feet	Amt. of Concrete in Load (yd <sup>3</sup> ):	8		
Water Present Prior to Concrete Placement :	0.50	feet	Ticket No.:	2101891		
			Truck No.:	461		
			Mix No.:	733570		
			No. of Cylinders:	4		
			Slump (in):	8		
			Air (%):			
			Concrete Temp. (°F):	80		
			Air Temp. (°F):	78		
			Cylinder Set No.:	0275169-7-C1		
<b><u>Bearing Surface</u></b>						
Level:	<input checked="" type="checkbox"/>					
Clean:	<input checked="" type="checkbox"/>					
Sound:	<input checked="" type="checkbox"/>					
Rock Socket Length :		feet				
Probe Hole Length :		feet				
<b><u>Reinforcing Steel</u></b>						
Vertical No. of bars:	8					
Size:	#8					
Cage Diameter:	30.00	inches				
Cage Length:	38.00	feet				
Horizontal: No. of bars:	31					
Size:	#4					
Spacing:	16.00	inches				
			If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.			
			Other Concrete Areas:			
			Probe Hole Description:			
			Remarks: Pier Drilled per Slurry Method			
			Concrete Pumped & Tremmed from Bottom of Pier			

All grade elevations are approximate.





Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-7-C2**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR

LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 4/22/2010

**Log of Pier:** F/2 **Date:** 4/21/2010 **Technician:** Jesi Hoover

Drilling Contractor:	Case Atlantic	<b>Equipment Code</b>	
Concrete Supplier:	Builder's Supply	Slump Cone:	04SC275
Pier Type:	Drilled Caisson	Thermometer:	04CT275
Auger Refusal Depth:	feet	Air Meter:	

<b>Shaft Pier</b>		<b>Dates</b>	<b>Pier Concrete</b>
Diameter:	36.00 inches	Date Started:	4/21/2010
Bell Diameter:	inches	Date Completed:	4/21/2010
Existing Grade Elevation:	94.00 feet	Date(s) Observed:	4/21/2010
Plan Top Elevation:	90.84 feet	Date Concrete	
Actual Elevation Top:	90.84 feet	Placed:	4/21/2010
Plan Elevation Bottom:	50.84 feet		
Actual Elevation Bottom:	50.84 feet		
Length of Pier:	40.00 feet		
Length Auger Drilled:	40.00 feet		
Length Rock Cored:	feet		
<b>Water</b>		<b>Concrete Testing</b>	
Water Present Prior to Pumping :	feet	Amt. of Concrete in Load (yd <sup>3</sup> ):	8
Water Present Prior to Concrete Placement :	feet	Ticket No.:	2101938
		Truck No.:	443
		Mix No.:	733570
		No. of Cylinders:	4
		Slump (in):	8.5
		Air (%):	
		Concrete Temp. (°F):	80
		Air Temp. (°F):	85
		Cylinder Set No.:	0275169-7-C2
<b>Bearing Surface</b>		If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.	
Level:	<input checked="" type="checkbox"/>		
Clean:	<input checked="" type="checkbox"/>	Other Concrete Areas: E/2	
Sound:	<input checked="" type="checkbox"/>		
Rock Socket Length :	feet	Probe Hole Description:	
Probe Hole Length :	feet	Remarks:	
<b>Reinforcing Steel</b>			
Vertical No. of bars:	8		
Size:	#8		
Cage Diameter:	30.00 inches		
Cage Length:	38.00 feet		
Horizontal: No. of bars:	31		
Size:	#4		
Spacing:	16.00 inches		

All grade elevations are approximate.





Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-7-C7**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR  
  
LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 4/22/2010

**Log of Pier:** F/3 **Date:** 4/21/2010 **Technician:** Jesi Hoover

Drilling Contractor:	Case Atlantic	<b>Equipment Code</b>	
Concrete Supplier:	Builder's Supply	Slump Cone:	04SC275
Pier Type:	Drilled Caisson	Thermometer:	04CT275
Auger Refusal Depth:	feet	Air Meter:	

<b>Shaft Pier</b> Diameter: 36.00 inches Bell Diameter: inches Existing Grade Elevation: 94.00 feet Plan Top Elevation: 93.30 feet Actual Elevation Top: 93.30 feet Plan Elevation Bottom: 53.30 feet Actual Elevation Bottom: 53.30 feet Length of Pier: 40.00 feet Length Auger Drilled: 40.00 feet Length Rock Cored: feet		<b>Dates</b> Date Started: 4/21/2010 Date Completed: 4/21/2010 Date(s) Observed: 4/21/2010 Date Concrete Placed: 4/21/2010	<b>Pier Concrete</b> Total Amt. of Concrete (yd <sup>3</sup> ): 11 Initial Time of Placement: 11:55 Time of Completion: 12:45 Design Strength (psi): 3000 Ticket Number(s): NP 2101914
<b>Water</b> Water Present Prior to Pumping : 30.00 feet Water Present Prior to Concrete Placement : 30.00 feet		<b>Concrete Testing</b> Amt. of Concrete in Load (yd <sup>3</sup> ): Ticket No.: Truck No.: Mix No.: 733570 No. of Cylinders: 0 Slump (in): Air (%): Concrete Temp. (°F): Air Temp. (°F): Cylinder Set No.: 0275169-7-C7	
<b>Bearing Surface</b> Level: <input checked="" type="checkbox"/> Clean: <input checked="" type="checkbox"/> Sound: <input checked="" type="checkbox"/> Rock Socket Length : feet Probe Hole Length : feet		<b>Reinforcing Steel</b> Vertical No. of bars: 8 Size: #8 Cage Diameter: 30.00 inches Cage Length: 38.00 feet Horizontal: No. of bars: 31 Size: #4 Spacing: 16.00 inches	
		If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.	
		Other Concrete Areas: Probe Hole Description: Remarks: Pier Drilled per Slurry Method Concrete Pumped & Tremmed from Bottom of Pier	

All grade elevations are approximate.





Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-7-C8**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR

LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 4/22/2010

**Log of Pier:** E/2 **Date:** 4/21/2010 **Technician:** Jesi Hoover

Drilling Contractor:	Case Atlantic	<b>Equipment Code</b>	
Concrete Supplier:	Builder's Supply	Slump Cone:	04SC275
Pier Type:	Drilled Caisson	Thermometer:	04CT275
Auger Refusal Depth:	feet	Air Meter:	

<b>Shaft Pier</b> Diameter: 36.00 inches Bell Diameter: inches Existing Grade Elevation: 94.00 feet Plan Top Elevation: 90.84 feet Actual Elevation Top: 90.84 feet Plan Elevation Bottom: 50.84 feet Actual Elevation Bottom: 50.84 feet Length of Pier: 40.00 feet Length Auger Drilled: 40.00 feet Length Rock Cored: feet		<b>Dates</b> Date Started: 4/21/2010 Date Completed: 4/21/2010 Date(s) Observed: 4/21/2010 Date Concrete Placed: 4/21/2010	<b>Pier Concrete</b> Total Amt. of Concrete (yd <sup>3</sup> ): 11 Initial Time of Placement: 16:30 Time of Completion: 17:20 Design Strength (psi): 3000 Ticket Number(s): 2101942 2101949
<b>Water</b> Water Present Prior to Pumping : 20.00 feet Water Present Prior to Concrete Placement : 20.00 feet		<b>Concrete Testing</b> Amt. of Concrete in Load (yd <sup>3</sup> ): Ticket No.: Truck No.: Mix No.: 733570 No. of Cylinders: 0 Slump (in): Air (%): Concrete Temp. (°F): Air Temp. (°F): Cylinder Set No.: 0275169-7-C8	
<b>Bearing Surface</b> Level: <input checked="" type="checkbox"/> Clean: <input checked="" type="checkbox"/> Sound: <input checked="" type="checkbox"/> Rock Socket Length : feet Probe Hole Length : feet		<b>Reinforcing Steel</b> Vertical No. of bars: 8 Size: #8 Cage Diameter: 30.00 inches Cage Length: 38.00 feet Horizontal: No. of bars: 31 Size: #4 Spacing: 16.00 inches	
		If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.	
		Other Concrete Areas: Probe Hole Description: Remarks: Pier Drilled per Slurry Method Concrete Pumped & Tremmed from Bottom of Pier	

All grade elevations are approximate.



Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-8-C2**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR

LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 4/26/2010

**Log of Pier:** F/4

**Date:** 4/22/2010

**Technician:** Jesi Hoover

Drilling Contractor:	Case Atlantic	<b>Equipment Code</b>	
Concrete Supplier:	Builder's Supply	Slump Cone:	04SC275
Pier Type:	Drilled Caisson	Thermometer:	04CT275
Auger Refusal Depth:	feet	Air Meter:	

<b>Shaft Pier</b> Diameter: 36.00 inches Bell Diameter: inches Existing Grade Elevation: 94.00 feet Plan Top Elevation: 93.30 feet Actual Elevation Top: 93.30 feet Plan Elevation Bottom: 53.30 feet Actual Elevation Bottom: 53.30 feet Length of Pier: 40.00 feet Length Auger Drilled: feet Length Rock Cored: feet		<b>Dates</b> Date Started: 4/22/2010 Date Completed: 4/22/2010 Date(s) Observed: 4/22/2010 Date Concrete Placed: 4/22/2010	<b>Pier Concrete</b> Total Amt. of Concrete (yd <sup>3</sup> ): 11 Initial Time of Placement: 16:20 Time of Completion: 16:40 Design Strength (psi): 3000 Ticket Number(s): NP & 2102070
<b>Water</b> Water Present Prior to Pumping : 2.00 feet Water Present Prior to Concrete Placement : 2.00 feet		<b>Concrete Testing</b> Amt. of Concrete in Load (yd <sup>3</sup> ): 8 Ticket No.: Truck No.: 372 Mix No.: 733570 No. of Cylinders: 4 Slump (in): 8.5 Air (%): Concrete Temp. (°F): 80 Air Temp. (°F): 85 Cylinder Set No.: 0275169-8-C2	
<b>Bearing Surface</b> Level: <input checked="" type="checkbox"/> Clean: <input checked="" type="checkbox"/> Sound: <input checked="" type="checkbox"/> Rock Socket Length : feet Probe Hole Length : feet		<b>Reinforcing Steel</b> Vertical No. of bars: 8 Size: #8 Cage Diameter: 30.00 inches Cage Length: 38.00 feet Horizontal: No. of bars: 31 Size: #4 Spacing: 16.00 inches	
		If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.	
		Other Concrete Areas: F/5 Probe Hole Description: Remarks: Concrete placed by tremy method.	

All grade elevations are approximate.





Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-8-C3**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR  
  
LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 4/26/2010

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

**Log of Pier:** D/2 **Date:** 4/22/2010 **Technician:** Jesi Hoover

<b>Drilling Contractor:</b> Case Atlantic <b>Concrete Supplier:</b> Builder's Supply <b>Pier Type:</b> Drilled Caisson <b>Auger Refusal Depth:</b> feet		<b>Equipment Code</b> <b>Slump Cone:</b> 04SC275 <b>Thermometer:</b> 04CT275 <b>Air Meter:</b>	
<b>Shaft Pier</b> Diameter: 36.00 inches Bell Diameter: inches Existing Grade Elevation: 94.00 feet Plan Top Elevation: 90.84 feet Actual Elevation Top: 90.84 feet Plan Elevation Bottom: 50.84 feet Actual Elevation Bottom: 50.84 feet Length of Pier: 40.00 feet Length Auger Drilled: feet Length Rock Cored: feet		<b>Dates</b> Date Started: 4/22/2010 Date Completed: 4/22/2010 Date(s) Observed: 4/22/2010 Date Concrete Placed: 4/22/2010	
<b>Water</b> Water Present Prior to Pumping : 30.00 feet Water Present Prior to Concrete Placement : 30.00 feet		<b>Pier Concrete</b> Total Amt. of Concrete (yd <sup>3</sup> ): 11 Initial Time of Placement: 12:30 Time of Completion: 12:45 Design Strength (psi): 3000 Ticket Number(s): 2102016 & NP	
<b>Bearing Surface</b> Level: <input checked="" type="checkbox"/> Clean: <input checked="" type="checkbox"/> Sound: <input checked="" type="checkbox"/> Rock Socket Length : feet Probe Hole Length : feet		<b>Concrete Testing</b> Amt. of Concrete in Load (yd <sup>3</sup> ): Ticket No.: Truck No.: Mix No.: 733570 No. of Cylinders: 0 Slump (in): Air (%): Concrete Temp. (°F): Air Temp. (°F): Cylinder Set No.: 0275169-8-C3	
<b>Reinforcing Steel</b> Vertical No. of bars: 8 Size: #8 Cage Diameter: 30.00 inches Cage Length: 38.00 feet Horizontal: No. of bars: 31 Size: #4 Spacing: 16.00 inches		If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.  Other Concrete Areas: Probe Hole Description: Remarks: Drilled by slurry method. Concrete placed by tremy method.	

All grade elevations are approximate.



Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-8-C4**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR

LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 4/26/2010

**Log of Pier:** F/5

**Date:** 4/22/2010

**Technician:** Jesi Hoover

Drilling Contractor:	Case Atlantic	<b>Equipment Code</b>	
Concrete Supplier:	Builder's Supply	Slump Cone:	04SC275
Pier Type:	Drilled Caisson	Thermometer:	04CT275
Auger Refusal Depth:	feet	Air Meter:	

<b>Shaft Pier</b>			<b>Dates</b>		<b>Pier Concrete</b>	
Diameter:	36.00	inches	Date Started:	4/22/2010	Total Amt. of Concrete (yd <sup>3</sup> ):	11
Bell Diameter:		inches	Date Completed:	4/22/2010	Initial Time of Placement:	16:00
Existing Grade Elevation:	94.50	feet	Date(s) Observed:	4/22/2010	Time of Completion:	16:15
Plan Top Elevation:	93.30	feet	Date Concrete Placed:	4/22/2010	Design Strength (psi):	3000
Actual Elevation Top:	93.30	feet			Ticket Number(s):	NP
Plan Elevation Bottom:	53.30	feet				
Actual Elevation Bottom:	53.30	feet				
Length of Pier:	40.00	feet				
Length Auger Drilled:		feet				
Length Rock Cored:		feet				
<b>Water</b>			<b>Concrete Testing</b>			
Water Present Prior to Pumping :	2.00	feet	Amt. of Concrete in Load (yd <sup>3</sup> ):			
Water Present Prior to Concrete Placement :	2.00	feet	Ticket No.:			
			Truck No.:			
			Mix No.: 733570			
			No. of Cylinders: 0			
			Slump (in):			
			Air (%):			
			Concrete Temp. (°F):			
			Air Temp. (°F):			
			Cylinder Set No.: 0275169-8-C4			
<b>Bearing Surface</b>						
Level:	<input checked="" type="checkbox"/>					
Clean:	<input checked="" type="checkbox"/>					
Sound:	<input checked="" type="checkbox"/>					
Rock Socket Length :		feet				
Probe Hole Length :		feet				
<b>Reinforcing Steel</b>						
Vertical No. of bars:	8					
Size:	#8					
Cage Diameter:	30.00	inches				
Cage Length:	38.00	feet				
Horizontal: No. of bars:	31					
Size:	#4					
Spacing:	16.00	inches				
			If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.			
			Other Concrete Areas:			
			Probe Hole Description:			
			Remarks: Concrete placed by tremy method.			

All grade elevations are approximate.





Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-9-C1**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR  
  
LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

These test results apply only to the specific locations and materials noted and may not represent any other locations or elevations. This report may not be reproduced, except in full, without written permission by Professional Service Industries, Inc.

Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 4/26/2010

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

**Log of Pier:** D/5 **Date:** 4/23/2010 **Technician:** Jesi Hoover

Drilling Contractor:	Case Atlantic	<b>Equipment Code</b>	
Concrete Supplier:	Builder's Supply	Slump Cone:	04SC275
Pier Type:	Drilled Caisson	Thermometer:	04CT275
Auger Refusal Depth:	feet	Air Meter:	

<b>Shaft Pier</b>		<b>Dates</b>	<b>Pier Concrete</b>
Diameter:	36.00 inches	Date Started:	4/23/2010
Bell Diameter:	inches	Date Completed:	4/23/2010
Existing Grade Elevation:	94.00 feet	Date(s) Observed:	4/23/2010
Plan Top Elevation:	90.80 feet	Date Concrete	
Actual Elevation Top:	90.80 feet	Placed:	4/23/2010
Plan Elevation Bottom:	50.80 feet		
Actual Elevation Bottom:	50.80 feet		
Length of Pier:	40.00 feet		
Length Auger Drilled:	feet		
Length Rock Cored:	feet		
<b>Water</b>		<b>Concrete Testing</b>	
Water Present Prior to Pumping :	1.00 feet	Amt. of Concrete in Load (yd <sup>3</sup> ):	8
Water Present Prior to Concrete Placement :	1.00 feet	Ticket No.:	4057325
		Truck No.:	463
		Mix No.:	733570
		No. of Cylinders:	4
		Slump (in):	8
		Air (%):	
		Concrete Temp. (°F):	78
		Air Temp. (°F):	75
		Cylinder Set No.:	0275169-9-C1
<b>Bearing Surface</b>		If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.	
Level:	<input checked="" type="checkbox"/>		
Clean:	<input checked="" type="checkbox"/>	Other Concrete Areas: E/5	
Sound:	<input checked="" type="checkbox"/>		
Rock Socket Length :	feet	Probe Hole Description:	
Probe Hole Length :	feet	Remarks:	Concrete placed by tremy method.
<b>Reinforcing Steel</b>			
Vertical No. of bars:	8		
Size:	#8		
Cage Diameter:	30.00 inches		
Cage Length:	38.00 feet		
Horizontal: No. of bars:	31		
Size:	#4		
Spacing:	16.00 inches		

All grade elevations are approximate.



Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-9-C3**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR

LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 4/26/2010

**Log of Pier:** E/5

**Date:** 4/23/2010

**Technician:** Jesi Hoover

Drilling Contractor:	Case Atlantic	<b>Equipment Code</b>	
Concrete Supplier:	Builder's Supply	Slump Cone:	04SC275
Pier Type:	Drilled Caisson	Thermometer:	04CT275
Auger Refusal Depth:	feet	Air Meter:	

<b>Shaft Pier</b>			<b>Dates</b>		<b>Pier Concrete</b>	
Diameter:	36.00	inches	Date Started:	4/23/2010	Total Amt. of Concrete (yd <sup>3</sup> ):	11
Bell Diameter:		inches	Date Completed:	4/23/2010	Initial Time of Placement:	11:10
Existing Grade Elevation:	94.00	feet	Date(s) Observed:	4/23/2010	Time of Completion:	11:30
Plan Top Elevation:	90.80	feet	Date Concrete		Design Strength (psi):	3000
Actual Elevation Top:	90.80	feet	Placed:	4/23/2010	Ticket Number(s):	4057326
Plan Elevation Bottom:	50.80	feet				4057327
Actual Elevation Bottom:	50.80	feet				
Length of Pier:	40.00	feet				
Length Auger Drilled:		feet				
Length Rock Cored:		feet				
<b>Water</b>			<b>Concrete Testing</b>			
Water Present Prior to Pumping :	1.00	feet	Amt. of Concrete in Load (yd <sup>3</sup> ):	8		
Water Present Prior to Concrete Placement :	1.00	feet	Ticket No.:	4057327		
			Truck No.:	434		
			Mix No.:	733570		
			No. of Cylinders:	0		
			Slump (in):	8		
			Air (%):			
			Concrete Temp. (°F):			
			Air Temp. (°F):	75		
			Cylinder Set No.:	0275169-9-C3		
<b>Bearing Surface</b>						
Level:	<input checked="" type="checkbox"/>					
Clean:	<input checked="" type="checkbox"/>					
Sound:	<input checked="" type="checkbox"/>					
Rock Socket Length :		feet				
Probe Hole Length :		feet				
<b>Reinforcing Steel</b>						
Vertical No. of bars:	8					
Size:	#8					
Cage Diameter:	30.00	inches				
Cage Length:	38.00	feet				
Horizontal: No. of bars:	31					
Size:	#4					
Spacing:	16.00	inches				
			If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.			
			Other Concrete Areas:			
			Probe Hole Description:			
			Remarks: Concrete placed by tremy method.			

All grade elevations are approximate.





Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-10-C2**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR  
  
LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 4/27/2010

**Log of Pier:** C/5 **Date:** 4/26/2010 **Technician:** Jesi Hoover

Drilling Contractor:	Case Atlantic	<b>Equipment Code</b>	
Concrete Supplier:	Builder's Supply	Slump Cone:	04SC275
Pier Type:	Drilled Caisson	Thermometer:	04CT275
Auger Refusal Depth:	feet	Air Meter:	

<b>Shaft Pier</b> Diameter: 36.00 inches Bell Diameter: inches Existing Grade Elevation: 94.00 feet Plan Top Elevation: 90.50 feet Actual Elevation Top: 90.50 feet Plan Elevation Bottom: 50.80 feet Actual Elevation Bottom: 50.50 feet Length of Pier: 40.00 feet Length Auger Drilled: 40.00 feet Length Rock Cored: feet		<b>Dates</b> Date Started: 4/26/2010 Date Completed: 4/26/2010 Date(s) Observed: 4/26/2010 Date Concrete Placed: 4/26/2010	<b>Pier Concrete</b> Total Amt. of Concrete (yd <sup>3</sup> ): 11 Initial Time of Placement: 11:05 Time of Completion: 11:25 Design Strength (psi): 3000 Ticket Number(s): 2102160 2102158
<b>Water</b> Water Present Prior to Pumping : 20.00 feet Water Present Prior to Concrete Placement : 20.00 feet		<b>Concrete Testing</b> Amt. of Concrete in Load (yd <sup>3</sup> ): 8 Ticket No.: 2102160 Truck No.: 362 Mix No.: 733570 No. of Cylinders: 4 Slump (in): 8 Air (%): Concrete Temp. (°F): 77 Air Temp. (°F): 82 Cylinder Set No.: 0275169-10-C2	
<b>Bearing Surface</b> Level: <input checked="" type="checkbox"/> Clean: <input checked="" type="checkbox"/> Sound: <input checked="" type="checkbox"/> Rock Socket Length : feet Probe Hole Length : feet		<b>Reinforcing Steel</b> Vertical No. of bars: 8 Size: #8 Cage Diameter: 30.00 inches Cage Length: 38.00 feet Horizontal: No. of bars: 31 Size: #4 Spacing: 16.00 inches	
		If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.	
		Other Concrete Areas: E/4 Probe Hole Description: Remarks: Slurry Method was used. Concrete placed by tremy.	

All grade elevations are approximate.



Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-10-C3**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR

LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 4/27/2010

**Log of Pier:** E/4

**Date:** 4/26/2010

**Technician:** Jesi Hoover

<b>Drilling Contractor:</b> Case Atlantic <b>Concrete Supplier:</b> Builder's Supply <b>Pier Type:</b> Builders Supply <b>Auger Refusal Depth:</b> feet		<b>Equipment Code</b> <b>Slump Cone:</b> 04SC275 <b>Thermometer:</b> 04CT275 <b>Air Meter:</b>	
<b>Shaft Pier</b> <b>Diameter:</b> 36.00 inches <b>Bell Diameter:</b> inches <b>Existing Grade Elevation:</b> 94.00 feet <b>Plan Top Elevation:</b> 93.30 feet <b>Actual Elevation Top:</b> 93.30 feet <b>Plan Elevation Bottom:</b> 53.30 feet <b>Actual Elevation Bottom:</b> 53.30 feet <b>Length of Pier:</b> 40.00 feet <b>Length Auger Drilled:</b> feet <b>Length Rock Cored:</b> feet		<b>Dates</b> <b>Date Started:</b> 4/26/2010 <b>Date Completed:</b> 4/26/2010 <b>Date(s) Observed:</b> 4/26/2010 <b>Date Concrete Placed:</b> 4/26/2010	
<b>Water</b> <b>Water Present Prior to Pumping :</b> feet <b>Water Present Prior to Concrete Placement :</b> feet		<b>Pier Concrete</b> <b>Total Amt. of Concrete (yd<sup>3</sup>):</b> 11 <b>Initial Time of Placement:</b> 11:30 <b>Time of Completion:</b> 11:55 <b>Design Strength (psi):</b> 3000 <b>Ticket Number(s):</b> 2102160 2102158	
<b>Bearing Surface</b> <b>Level:</b> <input checked="" type="checkbox"/> <b>Clean:</b> <input checked="" type="checkbox"/> <b>Sound:</b> <input checked="" type="checkbox"/> <b>Rock Socket Length :</b> feet <b>Probe Hole Length :</b> feet		<b>Concrete Testing</b> <b>Amt. of Concrete in Load (yd<sup>3</sup>):</b> 8 <b>Ticket No.:</b> 2102159 <b>Truck No.:</b> 370 <b>Mix No.:</b> 733570 <b>No. of Cylinders:</b> 0 <b>Slump (in):</b> 8 <b>Air (%):</b> <b>Concrete Temp. (°F):</b> <b>Air Temp. (°F):</b> 83 <b>Cylinder Set No.:</b> 0275169-10-C3	
<b>Reinforcing Steel</b> <b>Vertical No. of bars:</b> 8 <b>Size:</b> #8 <b>Cage Diameter:</b> 30.00 inches <b>Cage Length:</b> 38.00 feet <b>Horizontal: No. of bars:</b> 31 <b>Size:</b> #4 <b>Spacing:</b> 16.00 inches		<b>If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.</b>  <b>Other Concrete Areas:</b> <b>Probe Hole Description:</b> <b>Remarks:</b> Concrete placed by tremy.	

All grade elevations are approximate.





Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-10-C4**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR

LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 4/28/2010

**Log of Pier:** C/2 **Date:** 4/26/2010 **Technician:** Jesi Hoover

Drilling Contractor:	Case Atlantic	<b>Equipment Code</b>	
Concrete Supplier:	Builder's Supply	Slump Cone:	04SC275
Pier Type:	Drilled Caissons	Thermometer:	04CT275
Auger Refusal Depth:	feet	Air Meter:	

<b>Shaft Pier</b>	<b>Dates</b>	<b>Pier Concrete</b>
Diameter: 36.00 inches	Date Started: 4/26/2010	Total Amt. of Concrete (yd <sup>3</sup> ): 11
Bell Diameter: inches	Date Completed: 4/26/2010	Initial Time of Placement: 15:00
Existing Grade Elevation: 94.00 feet	Date(s) Observed: 4/26/2010	Time of Completion: 15:30
Plan Top Elevation: 90.80 feet	Date Concrete Placed: 4/26/2010	Design Strength (psi): 3000
Actual Elevation Top: 90.80 feet		Ticket Number(s): 17038311
Plan Elevation Bottom: 50.80 feet		17038312
Actual Elevation Bottom: 50.80 feet		
Length of Pier: 40.00 feet		
Length Auger Drilled: 40.00 feet		
Length Rock Cored: feet		

<b>Water</b>	<b>Concrete Testing</b>
Water Present Prior to Pumping : 20.00 feet	Amt. of Concrete in Load (yd <sup>3</sup> ): 8
Water Present Prior to Concrete Placement : 20.00 feet	Ticket No.: 17038311
	Truck No.: 363
	Mix No.: 733570
	No. of Cylinders: 0
	Slump (in): 8
	Air (%):
	Concrete Temp. (°F):
	Air Temp. (°F): 84
	Cylinder Set No.: 0275169-10-C4

<b>Bearing Surface</b>	<b>Reinforcing Steel</b>	
Level: <input checked="" type="checkbox"/>	Vertical No. of bars: 8	
Clean: <input checked="" type="checkbox"/>	Size: #8	
Sound: <input checked="" type="checkbox"/>	Cage Diameter: 30.00 inches	
	Cage Length: 38.00 feet	
Rock Socket Length : feet	Horizontal: No. of bars: 31	
Probe Hole Length : feet	Size: #4	
	Spacing: 16.00 inches	
		If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.
		Other Concrete Areas:
		Probe Hole Description:
		Remarks: Concrete placed by tremy. Slurry method used.

All grade elevations are approximate.



Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-10-C5**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR

LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 4/27/2010

**Log of Pier:** D/4 **Date:** 4/26/2010 **Technician:** Jesi Hoover

Drilling Contractor:	Case Atlantic	<b>Equipment Code</b>	
Concrete Supplier:	Builder's Supply	Slump Cone:	04SC275
Pier Type:	Drilled Caisson	Thermometer:	04CT275
Auger Refusal Depth:	feet	Air Meter:	

<b>Shaft Pier</b>		<b>Dates</b>	<b>Pier Concrete</b>
Diameter:	36.00 inches	Date Started:	4/26/2010
Bell Diameter:	inches	Date Completed:	4/26/2010
Existing Grade Elevation:	94.00 feet	Date(s) Observed:	4/26/2010
Plan Top Elevation:	93.50 feet	Date Concrete	
Actual Elevation Top:	93.50 feet	Placed:	4/26/2010
Plan Elevation Bottom:	53.50 feet		
Actual Elevation Bottom:	53.50 feet		
Length of Pier:	40.00 feet		
Length Auger Drilled:	40.00 feet		
Length Rock Cored:	feet		
<b>Water</b>		<b>Concrete Testing</b>	
Water Present Prior to Pumping :	feet	Amt. of Concrete in Load (yd <sup>3</sup> ):	8
Water Present Prior to Concrete Placement :	feet	Ticket No.:	17038312
		Truck No.:	417
		Mix No.:	733570
		No. of Cylinders:	4
		Slump (in):	8.5
		Air (%):	
		Concrete Temp. (°F):	78
		Air Temp. (°F):	84
		Cylinder Set No.:	0275169-10-C5
<b>Bearing Surface</b>			
Level:	<input checked="" type="checkbox"/>		
Clean:	<input checked="" type="checkbox"/>		
Sound:	<input checked="" type="checkbox"/>		
Rock Socket Length :	feet		
Probe Hole Length :	feet		
<b>Reinforcing Steel</b>			
Vertical No. of bars:	8		
Size:	#8		
Cage Diameter:	30.00 inches		
Cage Length:	38.00 feet		
Horizontal: No. of bars:	31		
Size:	#4		
Spacing:	16.00 inches		
		If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.	
		Other Concrete Areas: C/2	
		Probe Hole Description:	
		Remarks: Concrete placed by tremy.	

All grade elevations are approximate.





Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-12-C1**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR

LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 4/29/2010

**Log of Pier:** B/4 **Date:** 4/27/2010 **Technician:** Jesi Hoover

<b>Drilling Contractor:</b> Case Atlantic <b>Concrete Supplier:</b> Builder's Supply <b>Pier Type:</b> Drilled Caisson <b>Auger Refusal Depth:</b> feet		<b>Equipment Code</b> <b>Slump Cone:</b> 04SC275 <b>Thermometer:</b> 04CT275 <b>Air Meter:</b>	
<b>Shaft Pier</b> <b>Diameter:</b> 36.00 inches <b>Bell Diameter:</b> inches <b>Existing Grade Elevation:</b> 94.00 feet <b>Plan Top Elevation:</b> 89.00 feet <b>Actual Elevation Top:</b> 89.00 feet <b>Plan Elevation Bottom:</b> 29.00 feet <b>Actual Elevation Bottom:</b> 29.00 feet <b>Length of Pier:</b> 60.00 feet <b>Length Auger Drilled:</b> 60.00 feet <b>Length Rock Cored:</b> feet		<b>Dates</b> <b>Date Started:</b> 4/27/2010 <b>Date Completed:</b> 4/27/2010 <b>Date(s) Observed:</b> 4/27/2010 <b>Date Concrete Placed:</b> 4/2/2010	
<b>Water</b> <b>Water Present Prior to Pumping :</b> 40.00 feet <b>Water Present Prior to Concrete Placement :</b> 40.00 feet		<b>Pier Concrete</b> <b>Total Amt. of Concrete (yd<sup>3</sup>):</b> 17 <b>Initial Time of Placement:</b> 12:00 <b>Time of Completion:</b> 12:30 <b>Design Strength (psi):</b> 3000 <b>Ticket Number(s):</b> 2102211 2102212	
<b>Bearing Surface</b> <b>Level:</b> <input checked="" type="checkbox"/> <b>Clean:</b> <input checked="" type="checkbox"/> <b>Sound:</b> <input checked="" type="checkbox"/> <b>Rock Socket Length :</b> feet <b>Probe Hole Length :</b> feet		<b>Concrete Testing</b> <b>Amt. of Concrete in Load (yd<sup>3</sup>):</b> 9 <b>Ticket No.:</b> 2102211 <b>Truck No.:</b> 460 <b>Mix No.:</b> 733570 <b>No. of Cylinders:</b> 4 <b>Slump (in):</b> 9 <b>Air (%):</b> <b>Concrete Temp. (°F):</b> 76 <b>Air Temp. (°F):</b> 85 <b>Cylinder Set No.:</b> 0275169-12-C1	
<b>Reinforcing Steel</b> <b>Vertical No. of bars:</b> 12 <b>Size:</b> #9 <b>Cage Diameter:</b> 30.00 inches <b>Cage Length:</b> 58.00 feet <b>Horizontal: No. of bars:</b> 46 <b>Size:</b> #4 <b>Spacing:</b> 16.00 inches		If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.  <b>Other Concrete Areas:</b> <b>Probe Hole Description:</b> <b>Remarks:</b> Concrete placed by tremy. Slurry method was used.	

All grade elevations are approximate.

# Drilled Pier Report

**Report No: DPR:0275169-12-C3**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR

LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 4/29/2010

**Log of Pier:** B.2/5 **Date:** 4/27/2010 **Technician:** Jesi Hoover

<b>Drilling Contractor:</b> Case Atlantic <b>Concrete Supplier:</b> Builder's Supply <b>Pier Type:</b> Drilled Caisson <b>Auger Refusal Depth:</b> feet		<b>Equipment Code</b> <b>Slump Cone:</b> 04SC275 <b>Thermometer:</b> 04CT275 <b>Air Meter:</b>	
<b>Shaft Pier</b> <b>Diameter:</b> 24.00 inches <b>Bell Diameter:</b> inches <b>Existing Grade Elevation:</b> 94.00 feet <b>Plan Top Elevation:</b> 91.80 feet <b>Actual Elevation Top:</b> 91.80 feet <b>Plan Elevation Bottom:</b> 56.80 feet <b>Actual Elevation Bottom:</b> 56.80 feet <b>Length of Pier:</b> 35.00 feet <b>Length Auger Drilled:</b> 35.00 feet <b>Length Rock Cored:</b> feet		<b>Dates</b> <b>Date Started:</b> 4/27/2010 <b>Date Completed:</b> 4/27/2010 <b>Date(s) Observed:</b> 4/27/2010 <b>Date Concrete Placed:</b> 4/27/2010	
<b>Water</b> <b>Water Present Prior to Pumping :</b> 20.00 feet <b>Water Present Prior to Concrete Placement :</b> 20.00 feet		<b>Pier Concrete</b> <b>Total Amt. of Concrete (yd<sup>3</sup>):</b> 4 <b>Initial Time of Placement:</b> 16:05 <b>Time of Completion:</b> 16:30 <b>Design Strength (psi):</b> 3000 <b>Ticket Number(s):</b> 2102237	
<b>Bearing Surface</b> <b>Level:</b> <input checked="" type="checkbox"/> <b>Clean:</b> <input checked="" type="checkbox"/> <b>Sound:</b> <input checked="" type="checkbox"/> <b>Rock Socket Length :</b> feet <b>Probe Hole Length :</b> feet		<b>Concrete Testing</b> <b>Amt. of Concrete in Load (yd<sup>3</sup>):</b> 9 <b>Ticket No.:</b> 2102237 <b>Truck No.:</b> 410 <b>Mix No.:</b> 733570 <b>No. of Cylinders:</b> 4 <b>Slump (in):</b> 8 <b>Air (%):</b> <b>Concrete Temp. (°F):</b> 77 <b>Air Temp. (°F):</b> 84 <b>Cylinder Set No.:</b> 0275169-12-C3	
<b>Reinforcing Steel</b> <b>Vertical No. of bars:</b> 8 <b>Size:</b> #6 <b>Cage Diameter:</b> 18.00 inches <b>Cage Length:</b> 34.00 feet <b>Horizontal: No. of bars:</b> 27 <b>Size:</b> #4 <b>Spacing:</b> 16.00 inches		<b>If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.</b>  <b>Other Concrete Areas:</b> <b>Probe Hole Description:</b> <b>Remarks:</b> Concrete placed by tremy. Slurry method was used.	

All grade elevations are approximate.





Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-13-C1**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR

LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

These test results apply only to the specific locations and materials noted and may not represent any other locations or elevations. This report may not be reproduced, except in full, without written permission by Professional Service Industries, Inc.

Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 4/29/2010

**Log of Pier:** B/3

**Date:** 4/28/2010

**Technician:** Jesi Hoover

<b>Drilling Contractor:</b> Case Atlantic <b>Concrete Supplier:</b> Builder's Supply <b>Pier Type:</b> Drilled Caisson <b>Auger Refusal Depth:</b> feet		<b>Equipment Code</b> <b>Slump Cone:</b> 04SC275 <b>Thermometer:</b> 04CT275 <b>Air Meter:</b>	
<b>Shaft Pier</b> <b>Diameter:</b> 36.00 inches <b>Bell Diameter:</b> inches <b>Existing Grade Elevation:</b> 94.00 feet <b>Plan Top Elevation:</b> 89.80 feet <b>Actual Elevation Top:</b> 89.80 feet <b>Plan Elevation Bottom:</b> 29.80 feet <b>Actual Elevation Bottom:</b> 29.80 feet <b>Length of Pier:</b> 60.00 feet <b>Length Auger Drilled:</b> 60.00 feet <b>Length Rock Cored:</b> feet		<b>Dates</b> <b>Date Started:</b> 4/28/2010 <b>Date Completed:</b> 4/28/2010 <b>Date(s) Observed:</b> 4/28/2010 <b>Date Concrete Placed:</b> 4/28/2010	
<b>Water</b> <b>Water Present Prior to Pumping :</b> 40.00 feet <b>Water Present Prior to Concrete Placement :</b> 40.00 feet		<b>Pier Concrete</b> <b>Total Amt. of Concrete (yd<sup>3</sup>):</b> 15 <b>Initial Time of Placement:</b> 11:40 <b>Time of Completion:</b> 12:05 <b>Design Strength (psi):</b> 3000 <b>Ticket Number(s):</b> 4057442 4057444	
<b>Bearing Surface</b> <b>Level:</b> <input checked="" type="checkbox"/> <b>Clean:</b> <input checked="" type="checkbox"/> <b>Sound:</b> <input checked="" type="checkbox"/> <b>Rock Socket Length :</b> feet <b>Probe Hole Length :</b> feet		<b>Concrete Testing</b> <b>Amt. of Concrete in Load (yd<sup>3</sup>):</b> 9 <b>Ticket No.:</b> 4057442 <b>Truck No.:</b> 409 <b>Mix No.:</b> 733570 <b>No. of Cylinders:</b> 4 <b>Slump (in):</b> 8.5 <b>Air (%):</b> <b>Concrete Temp. (°F):</b> 78 <b>Air Temp. (°F):</b> 81 <b>Cylinder Set No.:</b> 0275169-13-C1	
<b>Reinforcing Steel</b> <b>Vertical No. of bars:</b> 12 <b>Size:</b> #9 <b>Cage Diameter:</b> 30.00 inches <b>Cage Length:</b> 58.00 feet <b>Horizontal: No. of bars:</b> 46 <b>Size:</b> #4 <b>Spacing:</b> 16.00 inches		If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.  <b>Other Concrete Areas:</b> <b>Probe Hole Description:</b> <b>Remarks:</b> Concrete placed by tremy. Slurry method was used.	

All grade elevations are approximate.



Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-13-C3**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR  
  
LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 4/29/2010

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

**Log of Pier:** B/4.9 **Date:** 4/28/2010 **Technician:** Jesi Hoover

Drilling Contractor: Case Atlantic  
Concrete Supplier: Builder's Supply  
Pier Type: Drilled Caisson  
Auger Refusal Depth: feet

**Equipment Code**  
Slump Cone: 04SC275  
Thermometer: 04CT275  
Air Meter:

## Shaft Pier

Diameter: 24.00 inches  
Bell Diameter: inches  
Existing Grade Elevation: 94.00 feet  
Plan Top Elevation: 92.00 feet  
Actual Elevation Top: 92.00 feet  
Plan Elevation Bottom: 57.00 feet  
Actual Elevation Bottom: 57.00 feet  
Length of Pier: 35.00 feet  
Length Auger Drilled: 35.00 feet  
Length Rock Cored: feet

## Dates

Date Started: 4/28/2010  
Date Completed: 4/28/2010  
Date(s) Observed: 4/28/2010  
Date Concrete Placed: 4/28/2010

## Pier Concrete

Total Amt. of Concrete (yd<sup>3</sup>): 6  
Initial Time of Placement: 15:50  
Time of Completion: 16:05  
Design Strength (psi): 3000  
Ticket Number(s): 17038479

## Water

Water Present Prior to Pumping : 15.00 feet  
Water Present Prior to Concrete Placement : 15.00 feet

## Bearing Surface

Level: ☒  
Clean: ☒  
Sound: ☒  
Rock Socket Length : feet  
Probe Hole Length : feet

## Concrete Testing

Amt. of Concrete in Load (yd<sup>3</sup>): 8  
Ticket No.: 17038479  
Truck No.: 363  
Mix No.: 733570  
No. of Cylinders: 4  
Slump (in): 8.5  
Air (%):  
Concrete Temp. (°F): 77  
Air Temp. (°F): 84  
Cylinder Set No.: 0275169-13-C3

## Reinforcing Steel

Vertical No. of bars: 8  
Size: #6  
Cage Diameter: 18.00 inches  
Cage Length: 32.00 feet  
Horizontal: No. of bars: 27  
Size: #4  
Spacing: 16.00 inches

If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.

Other Concrete Areas:  
Probe Hole Description:  
Remarks: Concrete placed by tremy. Slurry method was used.

All grade elevations are approximate.





Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-14-C1**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR

LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 4/30/2010

**Log of Pier:** C.7/3 **Date:** 4/29/2010 **Technician:** Jesi Hoover

Drilling Contractor:	Case Atlantic	<b>Equipment Code</b>	
Concrete Supplier:	Builder's Supply	Slump Cone:	04SC275
Pier Type:	Drilled Caisson	Thermometer:	04CT275
Auger Refusal Depth:	feet	Air Meter:	

<b>Shaft Pier</b> Diameter: 36.00 inches Bell Diameter: inches Existing Grade Elevation: 94.00 feet Plan Top Elevation: 93.30 feet Actual Elevation Top: 93.30 feet Plan Elevation Bottom: 53.30 feet Actual Elevation Bottom: 53.30 feet Length of Pier: 40.00 feet Length Auger Drilled: 40.00 feet Length Rock Cored: feet		<b>Dates</b> Date Started: 4/29/2010 Date Completed: 4/29/2010 Date(s) Observed: 4/29/2010 Date Concrete Placed: 4/29/2010	<b>Pier Concrete</b> Total Amt. of Concrete (yd <sup>3</sup> ): 11 Initial Time of Placement: 11:15 Time of Completion: 11:30 Design Strength (psi): 3000 Ticket Number(s): 2102395 4057501
<b>Water</b> Water Present Prior to Pumping : feet Water Present Prior to Concrete Placement : feet		<b>Concrete Testing</b> Amt. of Concrete in Load (yd <sup>3</sup> ): 8 Ticket No.: 2102395 Truck No.: 408 Mix No.: 733570 No. of Cylinders: 4 Slump (in): 8.5 Air (%): Concrete Temp. (°F): 77 Air Temp. (°F): 83 Cylinder Set No.: 0275169-14-C1	
<b>Bearing Surface</b> Level: <input checked="" type="checkbox"/> Clean: <input checked="" type="checkbox"/> Sound: <input checked="" type="checkbox"/> Rock Socket Length : feet Probe Hole Length : feet		<b>Reinforcing Steel</b> Vertical No. of bars: 8 Size: #8 Cage Diameter: 30.00 inches Cage Length: 38.00 feet Horizontal: No. of bars: 31 Size: #4 Spacing: 16.00 inches	
		If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.	
		Other Concrete Areas: D.3/3 Probe Hole Description: Remarks: Concrete placed by tremy.	

All grade elevations are approximate.



Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-14-C2**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR

LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 4/30/2010

**Log of Pier:** D.3/3

**Date:** 4/29/2010

**Technician:** Jesi Hoover

Drilling Contractor:	Case Atlantic	<b>Equipment Code</b>	
Concrete Supplier:	Builder's Supply	Slump Cone:	04SC275
Pier Type:	Drilled Caisson	Thermometer:	04CT275
Auger Refusal Depth:	feet	Air Meter:	

<b>Shaft Pier</b> Diameter: 36.00 inches Bell Diameter: inches Existing Grade Elevation: 94.00 feet Plan Top Elevation: 93.30 feet Actual Elevation Top: 93.30 feet Plan Elevation Bottom: 53.30 feet Actual Elevation Bottom: 53.30 feet Length of Pier: 40.00 feet Length Auger Drilled: 40.00 feet Length Rock Cored: feet		<b>Dates</b> Date Started: 4/29/2010 Date Completed: 4/29/2010 Date(s) Observed: 4/29/2010 Date Concrete Placed: 4/29/2010	<b>Pier Concrete</b> Total Amt. of Concrete (yd <sup>3</sup> ): 11 Initial Time of Placement: 11:40 Time of Completion: 12:15 Design Strength (psi): 300 Ticket Number(s): 4057501 2102400
<b>Water</b> Water Present Prior to Pumping : 30.00 feet Water Present Prior to Concrete Placement : 30.00 feet		<b>Concrete Testing</b> Amt. of Concrete in Load (yd <sup>3</sup> ): 8 Ticket No.: 4057501 Truck No.: 304 Mix No.: 733570 No. of Cylinders: 0 Slump (in): 8 Air (%): Concrete Temp. (°F): Air Temp. (°F): 83 Cylinder Set No.: 0275169-14-C2	
<b>Bearing Surface</b> Level: <input checked="" type="checkbox"/> Clean: <input checked="" type="checkbox"/> Sound: <input checked="" type="checkbox"/> Rock Socket Length : feet Probe Hole Length : feet		<b>Reinforcing Steel</b> Vertical No. of bars: 8 Size: #8 Cage Diameter: 30.00 inches Cage Length: 38.00 feet Horizontal: No. of bars: 31 Size: #4 Spacing: 16.00 inches	
		If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.	
		Other Concrete Areas: Probe Hole Description: Remarks: Concrete placed by tremy. Slurry method was used.	

All grade elevations are approximate.



Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-14-C4**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR  
  
LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 4/30/2010

**Log of Pier:** C/4 **Date:** 4/29/2010 **Technician:** Jesi Hoover

<b>Drilling Contractor:</b> Case Atlantic <b>Concrete Supplier:</b> Builder's Supply <b>Pier Type:</b> Drilled Caisson <b>Auger Refusal Depth:</b> feet		<b>Equipment Code</b> <b>Slump Cone:</b> 04SC275 <b>Thermometer:</b> 04CT275 <b>Air Meter:</b>	
<b>Shaft Pier</b> <b>Diameter:</b> 36.00 inches <b>Bell Diameter:</b> inches <b>Existing Grade Elevation:</b> 94.00 feet <b>Plan Top Elevation:</b> 90.80 feet <b>Actual Elevation Top:</b> 90.80 feet <b>Plan Elevation Bottom:</b> 50.80 feet <b>Actual Elevation Bottom:</b> 50.80 feet <b>Length of Pier:</b> 40.00 feet <b>Length Auger Drilled:</b> 40.00 feet <b>Length Rock Cored:</b> feet		<b>Dates</b> <b>Date Started:</b> 4/29/2010 <b>Date Completed:</b> 4/29/2010 <b>Date(s) Observed:</b> 4/29/2010 <b>Date Concrete Placed:</b> 4/29/2010	
<b>Water</b> <b>Water Present Prior to Pumping :</b> 2.00 feet <b>Water Present Prior to Concrete Placement :</b> 2.00 feet		<b>Pier Concrete</b> <b>Total Amt. of Concrete (yd<sup>3</sup>):</b> 11 <b>Initial Time of Placement:</b> 16:10 <b>Time of Completion:</b> 16:30 <b>Design Strength (psi):</b> 3000 <b>Ticket Number(s):</b> 2102452 2102435	
<b>Bearing Surface</b> <b>Level:</b> <input checked="" type="checkbox"/> <b>Clean:</b> <input checked="" type="checkbox"/> <b>Sound:</b> <input checked="" type="checkbox"/> <b>Rock Socket Length :</b> feet <b>Probe Hole Length :</b> feet		<b>Concrete Testing</b> <b>Amt. of Concrete in Load (yd<sup>3</sup>):</b> 9 <b>Ticket No.:</b> 2102432 <b>Truck No.:</b> 416 <b>Mix No.:</b> 733570 <b>No. of Cylinders:</b> 4 <b>Slump (in):</b> 8.5 <b>Air (%):</b> <b>Concrete Temp. (°F):</b> 82 <b>Air Temp. (°F):</b> 85 <b>Cylinder Set No.:</b> 0275169-14-C4	
<b>Reinforcing Steel</b> <b>Vertical No. of bars:</b> 8 <b>Size:</b> #8 <b>Cage Diameter:</b> 30.00 inches <b>Cage Length:</b> 38.00 feet <b>Horizontal: No. of bars:</b> 31 <b>Size:</b> #4 <b>Spacing:</b> 16.00 inches		<b>Other Concrete Areas:</b> B/2.1 <b>Probe Hole Description:</b> <b>Remarks:</b> Concrete placed by tremy.	
If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.			

All grade elevations are approximate.





Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-14-C5**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR  
  
LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 4/30/2010

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

**Log of Pier:** **Date:** 4/29/2010 **Technician:**

<b>Drilling Contractor:</b> <b>Concrete Supplier:</b> Builder's Supply <b>Pier Type:</b> <b>Auger Refusal Depth:</b> feet		<b>Equipment Code</b> <b>Slump Cone:</b> 04SC275 <b>Thermometer:</b> 04CT275 <b>Air Meter:</b>	
<b>Shaft Pier</b> <b>Diameter:</b> inches <b>Bell Diameter:</b> inches <b>Existing Grade Elevation:</b> feet <b>Plan Top Elevation:</b> feet <b>Actual Elevation Top:</b> feet <b>Plan Elevation Bottom:</b> feet <b>Actual Elevation Bottom:</b> feet <b>Length of Pier:</b> feet <b>Length Auger Drilled:</b> feet <b>Length Rock Cored:</b> feet		<b>Dates</b> <b>Date Started:</b> <b>Date Completed:</b> <b>Date(s) Observed:</b> <b>Date Concrete Placed:</b>	
<b>Water</b> <b>Water Present Prior to Pumping :</b> feet <b>Water Present Prior to Concrete Placement :</b> feet		<b>Pier Concrete</b> <b>Total Amt. of Concrete (yd<sup>3</sup>):</b> <b>Initial Time of Placement:</b> <b>Time of Completion:</b> <b>Design Strength (psi):</b> <b>Ticket Number(s):</b>	
<b>Bearing Surface</b> <b>Level:</b> <input type="checkbox"/> <b>Clean:</b> <input type="checkbox"/> <b>Sound:</b> <input type="checkbox"/> <b>Rock Socket Length :</b> feet <b>Probe Hole Length :</b> feet		<b>Concrete Testing</b> <b>Amt. of Concrete in Load (yd<sup>3</sup>):</b> 9 <b>Ticket No.:</b> 2102435 <b>Truck No.:</b> 319 <b>Mix No.:</b> 733570 <b>No. of Cylinders:</b> 0 <b>Slump (in):</b> 8.5 <b>Air (%):</b> <b>Concrete Temp. (°F):</b> <b>Air Temp. (°F):</b> 85 <b>Cylinder Set No.:</b> 0275169-14-C5	
<b>Reinforcing Steel</b> <b>Vertical No. of bars:</b> <b>Size:</b> <b>Cage Diameter:</b> inches <b>Cage Length:</b> feet <b>Horizontal: No. of bars:</b> <b>Size:</b> <b>Spacing:</b> inches		<b>If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.</b>  <b>Other Concrete Areas:</b> <b>Probe Hole Description:</b> <b>Remarks:</b>	

All grade elevations are approximate.



Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-15-C1**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR

LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 4/30/2010

**Log of Pier:** C/3

**Date:** 4/30/2010

**Technician:** Jesi Hoover

Drilling Contractor:	Case Atlantic	<b>Equipment Code</b>	
Concrete Supplier:	Builder's Supply	Slump Cone:	04SC275
Pier Type:	Drilled Caisson	Thermometer:	04CT275
Auger Refusal Depth:	feet	Air Meter:	

<b>Shaft Pier</b> Diameter: 36.00 inches Bell Diameter: inches Existing Grade Elevation: 94.00 feet Plan Top Elevation: 90.80 feet Actual Elevation Top: 90.80 feet Plan Elevation Bottom: 50.80 feet Actual Elevation Bottom: 50.80 feet Length of Pier: 40.00 feet Length Auger Drilled: 40.00 feet Length Rock Cored: feet		<b>Dates</b> Date Started: 4/30/2010 Date Completed: 4/30/2010 Date(s) Observed: 4/30/2010 Date Concrete Placed: 4/30/2010	<b>Pier Concrete</b> Total Amt. of Concrete (yd <sup>3</sup> ): 12 Initial Time of Placement: 11:40 Time of Completion: 12:05 Design Strength (psi): 3000 Ticket Number(s): 2102506 2102508
<b>Water</b> Water Present Prior to Pumping : 20.00 feet Water Present Prior to Concrete Placement : 20.00 feet		<b>Concrete Testing</b> Amt. of Concrete in Load (yd <sup>3</sup> ): 9 Ticket No.: 2102506 Truck No.: 460 Mix No.: 733570 No. of Cylinders: 4 Slump (in): 9 Air (%): Concrete Temp. (°F): 81 Air Temp. (°F): 78 Cylinder Set No.: 0275169-15-C1	
<b>Bearing Surface</b> Level: <input checked="" type="checkbox"/> Clean: <input checked="" type="checkbox"/> Sound: <input checked="" type="checkbox"/> Rock Socket Length : feet Probe Hole Length : feet		<b>Reinforcing Steel</b> Vertical No. of bars: 8 Size: #8 Cage Diameter: 30.00 inches Cage Length: 38.00 feet Horizontal: No. of bars: 31 Size: #4 Spacing: 16.00 inches	
		If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.	
		Other Concrete Areas: B.2/2 Probe Hole Description: Remarks: Concrete placed by tremy. Slurry method was used.	

All grade elevations are approximate.



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Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-15-C2**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR

LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 4/30/2010

**Log of Pier:** B.2/2 **Date:** 4/30/2010 **Technician:** Jesi Hoover

<b>Drilling Contractor:</b> Case Atlantic <b>Concrete Supplier:</b> Builder's Supply <b>Pier Type:</b> Drilled Caissons <b>Auger Refusal Depth:</b> feet		<b>Equipment Code</b> <b>Slump Cone:</b> 04SC275 <b>Thermometer:</b> 04CT275 <b>Air Meter:</b>	
<b>Shaft Pier</b> <b>Diameter:</b> 24.00 inches <b>Bell Diameter:</b> inches <b>Existing Grade Elevation:</b> 94.00 feet <b>Plan Top Elevation:</b> 89.00 feet <b>Actual Elevation Top:</b> 89.00 feet <b>Plan Elevation Bottom:</b> 54.00 feet <b>Actual Elevation Bottom:</b> 54.00 feet <b>Length of Pier:</b> 35.00 feet <b>Length Auger Drilled:</b> 35.00 feet <b>Length Rock Cored:</b> feet		<b>Dates</b> <b>Date Started:</b> 4/30/2010 <b>Date Completed:</b> 4/30/2010 <b>Date(s) Observed:</b> 4/30/2010 <b>Date Concrete Placed:</b> 4/30/2010	
<b>Water</b> <b>Water Present Prior to Pumping :</b> 20.00 feet <b>Water Present Prior to Concrete Placement :</b> 20.00 feet		<b>Pier Concrete</b> <b>Total Amt. of Concrete (yd<sup>3</sup>):</b> 4 <b>Initial Time of Placement:</b> 12:10 <b>Time of Completion:</b> 12:25 <b>Design Strength (psi):</b> 3000 <b>Ticket Number(s):</b> 2102508	
<b>Bearing Surface</b> <b>Level:</b> <input checked="" type="checkbox"/> <b>Clean:</b> <input checked="" type="checkbox"/> <b>Sound:</b> <input checked="" type="checkbox"/> <b>Rock Socket Length :</b> feet <b>Probe Hole Length :</b> feet		<b>Concrete Testing</b> <b>Amt. of Concrete in Load (yd<sup>3</sup>):</b> 9 <b>Ticket No.:</b> 2102508 <b>Truck No.:</b> 396 <b>Mix No.:</b> 733570 <b>No. of Cylinders:</b> 0 <b>Slump (in):</b> 9 <b>Air (%):</b> <b>Concrete Temp. (°F):</b> <b>Air Temp. (°F):</b> 80 <b>Cylinder Set No.:</b> 0275169-15-C2	
<b>Reinforcing Steel</b> <b>Vertical No. of bars:</b> 8 <b>Size:</b> #6 <b>Cage Diameter:</b> 18.00 inches <b>Cage Length:</b> 32.00 feet <b>Horizontal: No. of bars:</b> 27 <b>Size:</b> #4 <b>Spacing:</b> 16.00 inches		<b>If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.</b>  <b>Other Concrete Areas:</b> <b>Probe Hole Description:</b> <b>Remarks:</b> Concrete placed by tremy. Slurry method was used.	

All grade elevations are approximate.





Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-18-C1**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR  
  
LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 6/2/2010

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

**Log of Pier:** S/22/3 **Date:** 5/5/2010 **Technician:** Jesi Hoover

<b>Drilling Contractor:</b> Case Atlantic <b>Concrete Supplier:</b> Builder's Supply <b>Pier Type:</b> Drill Caisson <b>Auger Refusal Depth:</b> feet		<b>Equipment Code</b> <b>Slump Cone:</b> 04SC275 <b>Thermometer:</b> 04CT275 <b>Air Meter:</b>	
<b>Shaft Pier</b> <b>Diameter:</b> 24.00 inches <b>Bell Diameter:</b> inches <b>Existing Grade Elevation:</b> 85.50 feet <b>Plan Top Elevation:</b> 83.00 feet <b>Actual Elevation Top:</b> 83.00 feet <b>Plan Elevation Bottom:</b> 28.00 feet <b>Actual Elevation Bottom:</b> 28.00 feet <b>Length of Pier:</b> 55.00 feet <b>Length Auger Drilled:</b> 55.00 feet <b>Length Rock Cored:</b> feet		<b>Dates</b> <b>Date Started:</b> 5/5/2010 <b>Date Completed:</b> 5/5/2010 <b>Date(s) Observed:</b> 5/5/2010 <b>Date Concrete Placed:</b> 5/5/2010	
<b>Water</b> <b>Water Present Prior to Pumping :</b> 1.00 feet <b>Water Present Prior to Concrete Placement :</b> 1.00 feet		<b>Pier Concrete</b> <b>Total Amt. of Concrete (yd<sup>3</sup>):</b> 8 <b>Initial Time of Placement:</b> 11:20 <b>Time of Completion:</b> 11:35 <b>Design Strength (psi):</b> 3000 <b>Ticket Number(s):</b> 2102323	
<b>Bearing Surface</b> <b>Level:</b> <input checked="" type="checkbox"/> <b>Clean:</b> <input checked="" type="checkbox"/> <b>Sound:</b> <input checked="" type="checkbox"/> <b>Rock Socket Length :</b> feet <b>Probe Hole Length :</b> feet		<b>Concrete Testing</b> <b>Amt. of Concrete in Load (yd<sup>3</sup>):</b> 8.5 <b>Ticket No.:</b> 2102823 <b>Truck No.:</b> 348 <b>Mix No.:</b> 733570 <b>No. of Cylinders:</b> 4 <b>Slump (in):</b> 8.5 <b>Air (%):</b> <b>Concrete Temp. (°F):</b> 84 <b>Air Temp. (°F):</b> 81 <b>Cylinder Set No.:</b> 0275169-18-C1	
<b>Reinforcing Steel</b> <b>Vertical No. of bars:</b> 8 <b>Size:</b> #6 <b>Cage Diameter:</b> 18.00 inches <b>Cage Length:</b> 53.00 feet <b>Horizontal: No. of bars:</b> 42 <b>Size:</b> #4 <b>Spacing:</b> 16.00 inches		<b>Other Concrete Areas:</b> H/2.3 <b>Probe Hole Description:</b> <b>Remarks:</b> Concrete placed by tremy. Shoring sleeve was used.	
If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.			

All grade elevations are approximate.



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4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-18-C2**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR  
  
LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 6/2/2010

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

**Log of Pier:** H/2.3 **Date:** 5/5/2010 **Technician:** Jesi Hoover

<b>Drilling Contractor:</b> Case Atlantic <b>Concrete Supplier:</b> Builder's Supply <b>Pier Type:</b> Drilled Caisson <b>Auger Refusal Depth:</b> feet		<b>Equipment Code</b> <b>Slump Cone:</b> 04SC275 <b>Thermometer:</b> 04CT275 <b>Air Meter:</b>	
<b>Shaft Pier</b> Diameter: 24.00 inches Bell Diameter: inches Existing Grade Elevation: 85.50 feet Plan Top Elevation: 83.00 feet Actual Elevation Top: 83.00 feet Plan Elevation Bottom: 28.00 feet Actual Elevation Bottom: 28.00 feet Length of Pier: 55.00 feet Length Auger Drilled: 55.00 feet Length Rock Cored: feet		<b>Dates</b> Date Started: 5/5/2010 Date Completed: 5/5/2010 Date(s) Observed: 5/5/2010 Date Concrete Placed: 5/5/2010	
<b>Water</b> Water Present Prior to Pumping : 1.00 feet Water Present Prior to Concrete Placement : 1.00 feet		<b>Pier Concrete</b> Total Amt. of Concrete (yd <sup>3</sup> ): 8 Initial Time of Placement: 11:40 Time of Completion: 12:05 Design Strength (psi): 3000 Ticket Number(s): 17038786 2102823	
<b>Bearing Surface</b> Level: <input checked="" type="checkbox"/> Clean: <input checked="" type="checkbox"/> Sound: <input checked="" type="checkbox"/> Rock Socket Length : feet Probe Hole Length : feet		<b>Concrete Testing</b> Amt. of Concrete in Load (yd <sup>3</sup> ): 9.5 Ticket No.: 17038786 Truck No.: 378 Mix No.: 733570 No. of Cylinders: 0 Slump (in): 9 Air (%): Concrete Temp. (°F): 80 Air Temp. (°F): 81 Cylinder Set No.: 0275169-18-C2	
<b>Reinforcing Steel</b> Vertical No. of bars: 8 Size: #6 Cage Diameter: 18.00 inches Cage Length: 53.00 feet Horizontal: No. of bars: 42 Size: #4 Spacing: 16.00 inches		If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.	
		Other Concrete Areas: Probe Hole Description: Remarks:	

All grade elevations are approximate.



Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-18-C3**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR  
  
LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 6/2/2010

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

**Log of Pier:** K.2/7.6 **Date:** 5/5/2010 **Technician:** Jesi Hoover

<b>Drilling Contractor:</b> Case Atlantic <b>Concrete Supplier:</b> Builder's Supply <b>Pier Type:</b> Drilled Pier <b>Auger Refusal Depth:</b> feet		<b>Equipment Code</b> <b>Slump Cone:</b> 04SC275 <b>Thermometer:</b> 04CT275 <b>Air Meter:</b>	
<b>Shaft Pier</b> Diameter: inches Bell Diameter: 24.00 inches Existing Grade Elevation: 85.50 feet Plan Top Elevation: feet Actual Elevation Top: feet Plan Elevation Bottom: feet Actual Elevation Bottom: feet Length of Pier: 35.00 feet Length Auger Drilled: 35.00 feet Length Rock Cored: feet		<b>Dates</b> Date Started: 5/5/2010 Date Completed: 5/5/2010 Date(s) Observed: 5/5/2010 Date Concrete Placed: 5/5/2010	
<b>Water</b> Water Present Prior to Pumping : 20.00 feet Water Present Prior to Concrete Placement : 20.00 feet		<b>Pier Concrete</b> Total Amt. of Concrete (yd <sup>3</sup> ): 4 Initial Time of Placement: 15:10 Time of Completion: 15:30 Design Strength (psi): 3000 Ticket Number(s): 2102867	
<b>Bearing Surface</b> Level: <input checked="" type="checkbox"/> Clean: <input checked="" type="checkbox"/> Sound: <input checked="" type="checkbox"/> Rock Socket Length : feet Probe Hole Length : feet		<b>Concrete Testing</b> Amt. of Concrete in Load (yd <sup>3</sup> ): 10 Ticket No.: 2102867 Truck No.: 463 Mix No.: 733570 No. of Cylinders: 4 Slump (in): 8.5 Air (%): Concrete Temp. (°F): 88 Air Temp. (°F): 84 Cylinder Set No.: 0275169-18-C3	
<b>Reinforcing Steel</b> Vertical No. of bars: 8 Size: #6 Cage Diameter: 18.00 inches Cage Length: 33.00 feet Horizontal: No. of bars: 27 Size: #4 Spacing: 16.00 inches		If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.  Other Concrete Areas: J.2/7.6 & H/7.2 Probe Hole Description: Remarks: Concrete placed by tremy. Shoring sleeve was used. Slurry method was used.	

All grade elevations are approximate.





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4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-18-C4**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR  
  
LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 6/2/2010

**Log of Pier:** J.2/7.6 **Date:** 5/5/2010 **Technician:** Jesi Hoover

<b>Drilling Contractor:</b> Case Atlantic <b>Concrete Supplier:</b> Builder's Supply <b>Pier Type:</b> Drilled Caisson <b>Auger Refusal Depth:</b> feet		<b>Equipment Code</b> <b>Slump Cone:</b> 04SC275 <b>Thermometer:</b> 04CT275 <b>Air Meter:</b>	
<b>Shaft Pier</b> <b>Diameter:</b> 24.00 inches <b>Bell Diameter:</b> inches <b>Existing Grade Elevation:</b> 85.00 feet <b>Plan Top Elevation:</b> feet <b>Actual Elevation Top:</b> feet <b>Plan Elevation Bottom:</b> feet <b>Actual Elevation Bottom:</b> feet <b>Length of Pier:</b> 35.00 feet <b>Length Auger Drilled:</b> 35.00 feet <b>Length Rock Cored:</b> feet		<b>Dates</b> <b>Date Started:</b> 5/5/2010 <b>Date Completed:</b> 5/5/2010 <b>Date(s) Observed:</b> 5/5/2010 <b>Date Concrete Placed:</b> 5/5/2010	
<b>Water</b> <b>Water Present Prior to Pumping :</b> 1.00 feet <b>Water Present Prior to Concrete Placement :</b> 1.00 feet		<b>Pier Concrete</b> <b>Total Amt. of Concrete (yd<sup>3</sup>):</b> 4 <b>Initial Time of Placement:</b> 15:30 <b>Time of Completion:</b> 15:40 <b>Design Strength (psi):</b> 3000 <b>Ticket Number(s):</b> 2102867	
<b>Bearing Surface</b> <b>Level:</b> <input checked="" type="checkbox"/> <b>Clean:</b> <input checked="" type="checkbox"/> <b>Sound:</b> <input checked="" type="checkbox"/> <b>Rock Socket Length :</b> feet <b>Probe Hole Length :</b> feet		<b>Concrete Testing</b> <b>Amt. of Concrete in Load (yd<sup>3</sup>):</b> 10 <b>Ticket No.:</b> 2102866 <b>Truck No.:</b> 370 <b>Mix No.:</b> 733570 <b>No. of Cylinders:</b> 0 <b>Slump (in):</b> 8.5 <b>Air (%):</b> <b>Concrete Temp. (°F):</b> <b>Air Temp. (°F):</b> 85 <b>Cylinder Set No.:</b> 0275169-18-C4	
<b>Reinforcing Steel</b> <b>Vertical No. of bars:</b> 8 <b>Size:</b> #6 <b>Cage Diameter:</b> 18.00 inches <b>Cage Length:</b> 33.00 feet <b>Horizontal: No. of bars:</b> 27 <b>Size:</b> #4 <b>Spacing:</b> 16.00 inches		<b>If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.</b>  <b>Other Concrete Areas:</b> <b>Probe Hole Description:</b> <b>Remarks:</b> Concrete placed by tremy. Shoring sleeve was used.	

All grade elevations are approximate.



Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-18-C5**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR  
  
LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 6/2/2010

**Log of Pier:** H/7.2 **Date:** 5/5/2010 **Technician:** Jesi Hoover

Drilling Contractor:	Case Atlantic	<b>Equipment Code</b>	
Concrete Supplier:	Builder's Supply	Slump Cone:	04SC275
Pier Type:	Drilled Caisson	Thermometer:	04CT275
Auger Refusal Depth:	feet	Air Meter:	

<b>Shaft Pier</b>		<b>Dates</b>	<b>Pier Concrete</b>
Diameter:	36.00 inches	Date Started:	5/5/2010
Bell Diameter:	inches	Date Completed:	5/5/2010
Existing Grade Elevation:	85.50 feet	Date(s) Observed:	5/5/2010
Plan Top Elevation:	83.00 feet	Date Concrete Placed:	5/5/2010
Actual Elevation Top:	83.00 feet	Total Amt. of Concrete (yd <sup>3</sup> ):	15
Plan Elevation Bottom:	23.00 feet	Initial Time of Placement:	15:45
Actual Elevation Bottom:	23.00 feet	Time of Completion:	16:15
Length of Pier:	60.00 feet	Design Strength (psi):	3000
Length Auger Drilled:	60.00 feet	Ticket Number(s):	2102866
Length Rock Cored:	feet		17038815
<b>Water</b>		<b>Concrete Testing</b>	
Water Present Prior to Pumping :	feet	Amt. of Concrete in Load (yd <sup>3</sup> ):	8
Water Present Prior to Concrete Placement :	feet	Ticket No.:	17058815
		Truck No.:	433
		Mix No.:	733570
		No. of Cylinders:	0
		Slump (in):	8.5
		Air (%):	
		Concrete Temp. (°F):	
		Air Temp. (°F):	85
		Cylinder Set No.:	0275169-18-C5
<b>Bearing Surface</b>		If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.	
Level:	<input checked="" type="checkbox"/>		
Clean:	<input checked="" type="checkbox"/>	Other Concrete Areas:	
Sound:	<input checked="" type="checkbox"/>		
Rock Socket Length :	feet	Probe Hole Description:	
Probe Hole Length :	feet	Remarks:	Concrete placed by tremy. Shoring sleeve was used.
<b>Reinforcing Steel</b>			
Vertical No. of bars:	8		
Size:	#8		
Cage Diameter:	30.00 inches		
Cage Length:	58.00 feet		
Horizontal: No. of bars:	46		
Size:	#4		
Spacing:	16.00 inches		

All grade elevations are approximate.



Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-20-C1**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR  
  
LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 5/19/2010

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

**Log of Pier:** J.2/3 **Date:** 5/7/2010 **Technician:** Jesi Hoover

Drilling Contractor:	Case Atlantic	<b>Equipment Code</b>	
Concrete Supplier:	Builder's Supply	Slump Cone:	04SC275
Pier Type:	Drilled Caisson	Thermometer:	04CT275
Auger Refusal Depth:	feet	Air Meter:	

<b>Shaft Pier</b>		<b>Dates</b>	<b>Pier Concrete</b>
Diameter:	36.00 inches	Date Started:	5/7/2010
Bell Diameter:	inches	Date Completed:	5/7/2010
Existing Grade Elevation:	85.50 feet	Date(s) Observed:	5/7/2010
Plan Top Elevation:	83.00 feet	Date Concrete	
Actual Elevation Top:	83.00 feet	Placed:	5/7/2010
Plan Elevation Bottom:	23.00 feet		
Actual Elevation Bottom:	23.00 feet		
Length of Pier:	60.00 feet		
Length Auger Drilled:	60.00 feet		
Length Rock Cored:	feet		
<b>Water</b>		<b>Concrete Testing</b>	
Water Present Prior to Pumping :	feet	Amt. of Concrete in Load (yd <sup>3</sup> ):	9
Water Present Prior to Concrete Placement :	feet	Ticket No.:	17038948
		Truck No.:	417
		Mix No.:	733570
		No. of Cylinders:	4
		Slump (in):	8.5
		Air (%):	
		Concrete Temp. (°F):	82
		Air Temp. (°F):	88
		Cylinder Set No.:	0275169-20-C1
<b>Bearing Surface</b>		If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.	
Level:	<input checked="" type="checkbox"/>	Other Concrete Areas:	
Clean:	<input checked="" type="checkbox"/>	H/3	
Sound:	<input checked="" type="checkbox"/>	Probe Hole Description:	
Rock Socket Length :	feet	Remarks: Concrete placed by tremy. Shoring sleeve was used.	
Probe Hole Length :	feet		
<b>Reinforcing Steel</b>			
Vertical No. of bars:	8		
Size:	#8		
Cage Diameter:	30.00 inches		
Cage Length:	58.00 feet		
Horizontal: No. of bars:	46		
Size:	#4		
Spacing:	16.00 inches		

All grade elevations are approximate.



Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-20-C3**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR

LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 5/19/2010

**Log of Pier:** H/3 **Date:** 5/7/2010 **Technician:** Jesi Hoover

Drilling Contractor:	Case Atlantic	<b>Equipment Code</b>	
Concrete Supplier:	Builder's Supply	Slump Cone:	04SC275
Pier Type:	Drilled Caisson	Thermometer:	04CT275
Auger Refusal Depth:	feet	Air Meter:	

<b>Shaft Pier</b>	<b>Dates</b>	<b>Pier Concrete</b>
Diameter: 42.00 inches	Date Started: 5/7/2010	Total Amt. of Concrete (yd <sup>3</sup> ): 23
Bell Diameter: inches	Date Completed: 5/7/2010	Initial Time of Placement: 11:48
Existing Grade Elevation: 88.50 feet	Date(s) Observed: 5/7/2010	Time of Completion: 13:05
Plan Top Elevation: 82.00 feet	Date Concrete Placed: 5/7/2010	Design Strength (psi): 3000
Actual Elevation Top: 82.00 feet		Ticket Number(s): 2103026
Plan Elevation Bottom: 17.00 feet		
Actual Elevation Bottom: 17.00 feet		
Length of Pier: 65.00 feet		
Length Auger Drilled: 65.00 feet		
Length Rock Cored: feet		

<b>Water</b>	<b>Concrete Testing</b>
Water Present Prior to Pumping : feet	Amt. of Concrete in Load (yd <sup>3</sup> ): 9
Water Present Prior to Concrete Placement : feet	Ticket No.: 2103030
	Truck No.: 421
	Mix No.: 733570
	No. of Cylinders: 0
	Slump (in): 8.5
	Air (%):
	Concrete Temp. (°F):
	Air Temp. (°F): 88
	Cylinder Set No.: 0275169-20-C3

<b>Bearing Surface</b>	<b>Reinforcing Steel</b>	
Level: <input checked="" type="checkbox"/>	Vertical No. of bars: 12	
Clean: <input checked="" type="checkbox"/>	Size: #8	
Sound: <input checked="" type="checkbox"/>	Cage Diameter: 36.00 inches	
	Cage Length: 63.00 feet	
Rock Socket Length : feet	Horizontal: No. of bars: 50	
Probe Hole Length : feet	Size: #4	
	Spacing: 16.00 inches	
		If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.
		Other Concrete Areas:
		Probe Hole Description:
		Remarks: Concrete placed by tremy. Shoring sleeve was used.

All grade elevations are approximate.





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Shreveport, LA 71109

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Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-20-C6**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR  
  
LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 5/19/2010

**Log of Pier:** K.2/7.4 **Date:** 5/7/2010 **Technician:** Jesi Hoover

<b>Drilling Contractor:</b> Case Atlantic <b>Concrete Supplier:</b> Builder's Supply <b>Pier Type:</b> Drilled Caisson <b>Auger Refusal Depth:</b> feet		<b>Equipment Code</b> <b>Slump Cone:</b> 04SC275 <b>Thermometer:</b> 04CT275 <b>Air Meter:</b>	
<b>Shaft Pier</b> <b>Diameter:</b> 24.00 inches <b>Bell Diameter:</b> inches <b>Existing Grade Elevation:</b> 85.50 feet <b>Plan Top Elevation:</b> 83.00 feet <b>Actual Elevation Top:</b> 83.00 feet <b>Plan Elevation Bottom:</b> 28.50 feet <b>Actual Elevation Bottom:</b> 28.50 feet <b>Length of Pier:</b> 55.00 feet <b>Length Auger Drilled:</b> 55.00 feet <b>Length Rock Cored:</b> feet		<b>Dates</b> <b>Date Started:</b> 5/7/2010 <b>Date Completed:</b> 5/7/2010 <b>Date(s) Observed:</b> 5/7/2010 <b>Date Concrete Placed:</b> 5/7/2010	
<b>Water</b> <b>Water Present Prior to Pumping :</b> feet <b>Water Present Prior to Concrete Placement :</b> feet		<b>Pier Concrete</b> <b>Total Amt. of Concrete (yd<sup>3</sup>):</b> 6 <b>Initial Time of Placement:</b> 15:05 <b>Time of Completion:</b> 15:20 <b>Design Strength (psi):</b> 3000 <b>Ticket Number(s):</b> 4057624	
<b>Bearing Surface</b> <b>Level:</b> <input checked="" type="checkbox"/> <b>Clean:</b> <input checked="" type="checkbox"/> <b>Sound:</b> <input checked="" type="checkbox"/> <b>Rock Socket Length :</b> feet <b>Probe Hole Length :</b> feet		<b>Concrete Testing</b> <b>Amt. of Concrete in Load (yd<sup>3</sup>):</b> 9 <b>Ticket No.:</b> 4057624 <b>Truck No.:</b> 304 <b>Mix No.:</b> 733570 <b>No. of Cylinders:</b> 4 <b>Slump (in):</b> 8.75 <b>Air (%):</b> <b>Concrete Temp. (°F):</b> 87 <b>Air Temp. (°F):</b> 91 <b>Cylinder Set No.:</b> 0275169-20-C6	
<b>Reinforcing Steel</b> <b>Vertical No. of bars:</b> 8 <b>Size:</b> #6 <b>Cage Diameter:</b> 18.00 inches <b>Cage Length:</b> 53.00 feet <b>Horizontal: No. of bars:</b> 42 <b>Size:</b> #4 <b>Spacing:</b> 16.00 inches		<b>Concrete Testing</b> <b>Other Concrete Areas:</b> J.2/7.4 <b>Probe Hole Description:</b> <b>Remarks:</b> Concrete placed by tremy. Shoring sleeve was used.	
If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.			

All grade elevations are approximate.



Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-20-C7**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR  
  
LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 5/19/2010

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

**Log of Pier:** J.2/7.4 **Date:** 5/7/2010 **Technician:** Jesi Hoover

<b>Drilling Contractor:</b> Case Atlantic <b>Concrete Supplier:</b> Builder's Supply <b>Pier Type:</b> Drilled Caisson <b>Auger Refusal Depth:</b> feet		<b>Equipment Code</b> <b>Slump Cone:</b> 04SC275 <b>Thermometer:</b> 04CT275 <b>Air Meter:</b>	
<b>Shaft Pier</b> Diameter: 24.00 inches Bell Diameter: inches Existing Grade Elevation: 85.50 feet Plan Top Elevation: 83.00 feet Actual Elevation Top: 83.00 feet Plan Elevation Bottom: 28.00 feet Actual Elevation Bottom: 28.00 feet Length of Pier: 55.00 feet Length Auger Drilled: 55.00 feet Length Rock Cored: feet		<b>Dates</b> Date Started: 5/7/2010 Date Completed: 5/7/2010 Date(s) Observed: 5/7/2010 Date Concrete Placed: 5/7/2010	
<b>Water</b> Water Present Prior to Pumping : feet Water Present Prior to Concrete Placement : feet		<b>Pier Concrete</b> Total Amt. of Concrete (yd <sup>3</sup> ): 6 Initial Time of Placement: 15:30 Time of Completion: 15:40 Design Strength (psi): 3000 Ticket Number(s): 4057624 2103051	
<b>Bearing Surface</b> Level: <input checked="" type="checkbox"/> Clean: <input checked="" type="checkbox"/> Sound: <input checked="" type="checkbox"/> Rock Socket Length : feet Probe Hole Length : feet		<b>Concrete Testing</b> Amt. of Concrete in Load (yd <sup>3</sup> ): 9 Ticket No.: 2103051 Truck No.: 372 Mix No.: 733570 No. of Cylinders: 0 Slump (in): 8.5 Air (%): Concrete Temp. (°F): Air Temp. (°F): 91 Cylinder Set No.: 0275169-20-C7	
<b>Reinforcing Steel</b> Vertical No. of bars: 8 Size: #6 Cage Diameter: 18.00 inches Cage Length: 53.00 feet Horizontal: No. of bars: 42 Size: #4 Spacing: 16.00 inches		If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.  Other Concrete Areas: Probe Hole Description: Remarks: Concrete placed by tremy. Shoring sleeve was used.	

All grade elevations are approximate.



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4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-21-C1**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR

LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 5/19/2010

**Log of Pier:** J.2/3.5 **Date:** 5/10/2010 **Technician:** Jesi Hoover

<b>Drilling Contractor:</b> Case Atlantic <b>Concrete Supplier:</b> Builder's Supply <b>Pier Type:</b> Drilled Caisson <b>Auger Refusal Depth:</b> feet		<b>Equipment Code</b> <b>Slump Cone:</b> 04SC275 <b>Thermometer:</b> 04CT275 <b>Air Meter:</b>	
<b>Shaft Pier</b> Diameter: 24.00 inches Bell Diameter: inches Existing Grade Elevation: 85.50 feet Plan Top Elevation: 83.00 feet Actual Elevation Top: 83.00 feet Plan Elevation Bottom: 28.00 feet Actual Elevation Bottom: 28.00 feet Length of Pier: 55.00 feet Length Auger Drilled: 55.00 feet Length Rock Cored: feet		<b>Dates</b> Date Started: 5/10/2010 Date Completed: 5/10/2010 Date(s) Observed: 5/10/2010 Date Concrete Placed: 5/10/2010	
<b>Water</b> Water Present Prior to Pumping : 5.00 feet Water Present Prior to Concrete Placement : 5.00 feet		<b>Pier Concrete</b> Total Amt. of Concrete (yd <sup>3</sup> ): 6 Initial Time of Placement: 10:50 Time of Completion: 11:05 Design Strength (psi): 3000 Ticket Number(s): 2103139	
<b>Bearing Surface</b> Level: <input checked="" type="checkbox"/> Clean: <input checked="" type="checkbox"/> Sound: <input checked="" type="checkbox"/> Rock Socket Length : feet Probe Hole Length : feet		<b>Concrete Testing</b> Amt. of Concrete in Load (yd <sup>3</sup> ): Ticket No.: 2103139 Truck No.: 403 Mix No.: 733570 No. of Cylinders: 4 Slump (in): Air (%): Concrete Temp. (°F): Air Temp. (°F): Cylinder Set No.: 0275169-21-C1	
<b>Reinforcing Steel</b> Vertical No. of bars: 8 Size: #6 Cage Diameter: 18.00 inches Cage Length: 53.00 feet Horizontal: No. of bars: 42 Size: #4 Spacing: 16.00 inches		If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.  Other Concrete Areas: H/3.5 Probe Hole Description: Remarks: Concrete placed by tremy. Shoring sleeve was used.	

All grade elevations are approximate.



Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-21-C2**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR

LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 5/19/2010

**Log of Pier:** H/3.5

**Date:** 5/10/2010

**Technician:** Jesi Hoover

Drilling Contractor:	Case Atlantic	<b>Equipment Code</b>	
Concrete Supplier:	Builder's Supply	Slump Cone:	04SC275
Pier Type:	Drilled Caisson	Thermometer:	04CT275
Auger Refusal Depth:	feet	Air Meter:	

<b>Shaft Pier</b>			<b>Dates</b>		<b>Pier Concrete</b>	
Diameter:	24.00	inches	Date Started:	5/10/2010	Total Amt. of Concrete (yd <sup>3</sup> ):	6
Bell Diameter:		inches	Date Completed:	5/10/2010	Initial Time of Placement:	11:10
Existing Grade Elevation:	85.50	feet	Date(s) Observed:	5/10/2010	Time of Completion:	11:20
Plan Top Elevation:	83.00	feet	Date Concrete		Design Strength (psi):	3000
Actual Elevation Top:	83.00	feet	Placed:	5/10/2010	Ticket Number(s):	2103139
Plan Elevation Bottom:	28.00	feet				2103143
Actual Elevation Bottom:	28.00	feet				
Length of Pier:	55.00	feet	<b>Concrete Testing</b>			
Length Auger Drilled:	55.00	feet				
Length Rock Cored:		feet	Amt. of Concrete in Load (yd <sup>3</sup> ):			
<b>Water</b>			Ticket No.: 2103143			
Water Present Prior to Pumping :	5.00	feet	Truck No.: 412			
Water Present Prior to Concrete Placement :	5.00	feet	Mix No.: 733570			
<b>Bearing Surface</b>			No. of Cylinders: 0			
Level:	<input checked="" type="checkbox"/>		Slump (in):			
Clean:	<input checked="" type="checkbox"/>		Air (%):			
Sound:	<input checked="" type="checkbox"/>		Concrete Temp. (°F):			
Rock Socket Length :		feet	Air Temp. (°F):			
Probe Hole Length :		feet	Cylinder Set No.: 0275169-21-C2			
<b>Reinforcing Steel</b>			If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.			
Vertical No. of bars:	8					
Size:	#6		Other Concrete Areas: Probe Hole Description: Remarks: Concrete placed by tremy. Shoring sleeve was used.			
Cage Diameter:	18.00	inches				
Cage Length:	53.00	feet				
Horizontal: No. of bars:	42					
Size:	#4					
Spacing:	16.00	inches				

All grade elevations are approximate.





Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-21-C4**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR

LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 5/19/2010

**Log of Pier:** K.7/5.1 **Date:** 5/10/2010 **Technician:** Jesi Hoover

Drilling Contractor:	Case Atlantic	<b>Equipment Code</b>	
Concrete Supplier:	Builder's Supply	Slump Cone:	04SC275
Pier Type:	Drilled Caisson	Thermometer:	04CT275
Auger Refusal Depth:	feet	Air Meter:	

<b>Shaft Pier</b>	<b>Dates</b>	<b>Pier Concrete</b>
Diameter: 36.00 inches	Date Started: 5/10/2010	Total Amt. of Concrete (yd <sup>3</sup> ): 15
Bell Diameter: inches	Date Completed: 5/10/2010	Initial Time of Placement: 15:15
Existing Grade Elevation: 85.50 feet	Date(s) Observed: 5/10/2010	Time of Completion: 15:30
Plan Top Elevation: 83.00 feet	Date Concrete Placed: 5/10/2010	Design Strength (psi): 3000
Actual Elevation Top: 83.00 feet		Ticket Number(s): 17039056
Plan Elevation Bottom: 23.00 feet		17039057
Actual Elevation Bottom: 23.00 feet		
Length of Pier: 60.00 feet		
Length Auger Drilled: 60.00 feet		
Length Rock Cored: feet		

<b>Water</b>	<b>Concrete Testing</b>
Water Present Prior to Pumping : 5.00 feet	Amt. of Concrete in Load (yd <sup>3</sup> ):
Water Present Prior to Concrete Placement : 5.00 feet	Ticket No.: 17039057
	Truck No.: 409
	Mix No.: 733570
	No. of Cylinders: 4
	Slump (in):
	Air (%):
	Concrete Temp. (°F):
	Air Temp. (°F):
	Cylinder Set No.: 0275169-21-C4

<b>Bearing Surface</b>	
Level: <input checked="" type="checkbox"/>	
Clean: <input checked="" type="checkbox"/>	
Sound: <input checked="" type="checkbox"/>	
Rock Socket Length : feet	
Probe Hole Length : feet	

<b>Reinforcing Steel</b>	
Vertical No. of bars: 8	
Size: #8	
Cage Diameter: 30.00 inches	
Cage Length: 58.00 feet	
Horizontal: No. of bars: 46	
Size: #4	
Spacing: 16.00 inches	

If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.

Other Concrete Areas: K.2/7.2

Probe Hole Description:

Remarks: Concrete placed by tremy. Shoring sleeve was used.

All grade elevations are approximate.



Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-21-C5**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR  
  
LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 5/19/2010

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

**Log of Pier:** K.2/7.2 **Date:** 5/10/2010 **Technician:** Jesi Hoover

<b>Drilling Contractor:</b> Case Atlantice <b>Concrete Supplier:</b> Builder's Supply <b>Pier Type:</b> Drilled Caisson <b>Auger Refusal Depth:</b> feet		<b>Equipment Code</b> <b>Slump Cone:</b> 04SC275 <b>Thermometer:</b> 04CT275 <b>Air Meter:</b>	
<b>Shaft Pier</b> Diameter: 24.00 inches Bell Diameter: inches Existing Grade Elevation: 85.50 feet Plan Top Elevation: 83.00 feet Actual Elevation Top: 83.00 feet Plan Elevation Bottom: 28.00 feet Actual Elevation Bottom: 28.00 feet Length of Pier: 55.00 feet Length Auger Drilled: 55.00 feet Length Rock Cored: feet		<b>Dates</b> Date Started: 5/10/2010 Date Completed: 5/10/2010 Date(s) Observed: 5/10/2010 Date Concrete Placed: 5/10/2010	
<b>Water</b> Water Present Prior to Pumping : 3.00 feet Water Present Prior to Concrete Placement : 3.00 feet		<b>Pier Concrete</b> Total Amt. of Concrete (yd <sup>3</sup> ): 6 Initial Time of Placement: 15:35 Time of Completion: 15:45 Design Strength (psi): 3000 Ticket Number(s): 17039057 17039058	
<b>Bearing Surface</b> Level: <input checked="" type="checkbox"/> Clean: <input checked="" type="checkbox"/> Sound: <input checked="" type="checkbox"/> Rock Socket Length : feet Probe Hole Length : feet		<b>Concrete Testing</b> Amt. of Concrete in Load (yd <sup>3</sup> ): Ticket No.: 17039058 Truck No.: 432 Mix No.: 733570 No. of Cylinders: 0 Slump (in): Air (%): Concrete Temp. (°F): Air Temp. (°F): Cylinder Set No.: 0275169-21-C5	
<b>Reinforcing Steel</b> Vertical No. of bars: 8 Size: #6 Cage Diameter: 18.00 inches Cage Length: 53.00 feet Horizontal: No. of bars: 42 Size: #4 Spacing: 16.00 inches		If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.  Other Concrete Areas: Probe Hole Description: Remarks: Concrete placed by tremy. Shoring sleeve was used.	

All grade elevations are approximate.



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4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-22-C1**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR

LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 5/19/2010

**Log of Pier:** K.7/4.7

**Date:** 5/11/2010

**Technician:** Jesi Hoover

<b>Drilling Contractor:</b> Case Atlantic <b>Concrete Supplier:</b> Builder's Supply <b>Pier Type:</b> Drilled Caisson <b>Auger Refusal Depth:</b> feet		<b>Equipment Code</b> <b>Slump Cone:</b> 04SC275 <b>Thermometer:</b> 04CT275 <b>Air Meter:</b>	
<b>Shaft Pier</b> <b>Diameter:</b> 42.00 inches <b>Bell Diameter:</b> inches <b>Existing Grade Elevation:</b> 85.50 feet <b>Plan Top Elevation:</b> 83.00 feet <b>Actual Elevation Top:</b> 83.00 feet <b>Plan Elevation Bottom:</b> 18.00 feet <b>Actual Elevation Bottom:</b> 18.00 feet <b>Length of Pier:</b> 65.00 feet <b>Length Auger Drilled:</b> 65.00 feet <b>Length Rock Cored:</b> feet		<b>Dates</b> <b>Date Started:</b> 5/11/2010 <b>Date Completed:</b> 5/11/2010 <b>Date(s) Observed:</b> 5/11/2010 <b>Date Concrete Placed:</b> 5/11/2010	
<b>Water</b> <b>Water Present Prior to Pumping :</b> 5.00 feet <b>Water Present Prior to Concrete Placement :</b> 5.00 feet		<b>Pier Concrete</b> <b>Total Amt. of Concrete (yd<sup>3</sup>):</b> 23 <b>Initial Time of Placement:</b> 13:10 <b>Time of Completion:</b> 14:00 <b>Design Strength (psi):</b> 3000 <b>Ticket Number(s):</b> 17039089 17039090 17039094	
<b>Bearing Surface</b> <b>Level:</b> <input checked="" type="checkbox"/> <b>Clean:</b> <input checked="" type="checkbox"/> <b>Sound:</b> <input checked="" type="checkbox"/> <b>Rock Socket Length :</b> feet <b>Probe Hole Length :</b> feet		<b>Concrete Testing</b> <b>Amt. of Concrete in Load (yd<sup>3</sup>):</b> 9 <b>Ticket No.:</b> 17039089 <b>Truck No.:</b> 433 <b>Mix No.:</b> 733570 <b>No. of Cylinders:</b> 4 <b>Slump (in):</b> 8 <b>Air (%):</b> <b>Concrete Temp. (°F):</b> 86 <b>Air Temp. (°F):</b> 91 <b>Cylinder Set No.:</b> 0275169-22-C1	
<b>Reinforcing Steel</b> <b>Vertical No. of bars:</b> 12 <b>Size:</b> #8 <b>Cage Diameter:</b> 36.00 inches <b>Cage Length:</b> 63.00 feet <b>Horizontal: No. of bars:</b> 50 <b>Size:</b> #4 <b>Spacing:</b> 16.00 inches		If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.  <b>Other Concrete Areas:</b> K.7/7.2 <b>Probe Hole Description:</b> <b>Remarks:</b> Concrete placed by tremy. Shoring sleeve was used.	

All grade elevations are approximate.



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4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-22-C4**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR  
  
LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 5/19/2010

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

**Log of Pier:** K.7/7.2 **Date:** 5/11/2010 **Technician:** Jesi Hoover

Drilling Contractor:	Case Atlantic	<b>Equipment Code</b>	
Concrete Supplier:	Builder's Supply	Slump Cone:	04SC275
Pier Type:	Drilled Caisson	Thermometer:	04CT275
Auger Refusal Depth:	feet	Air Meter:	

<b>Shaft Pier</b>	<b>Dates</b>	<b>Pier Concrete</b>
Diameter: 36.00 inches	Date Started: 5/11/2010	Total Amt. of Concrete (yd <sup>3</sup> ): 15
Bell Diameter: inches	Date Completed: 5/11/2010	Initial Time of Placement: 14:05
Existing Grade Elevation: 85.50 feet	Date(s) Observed: 5/11/2010	Time of Completion:
Plan Top Elevation: 83.00 feet	Date Concrete Placed: 5/11/2010	Design Strength (psi): 3000
Actual Elevation Top: 83.00 feet		Ticket Number(s): 17039094
Plan Elevation Bottom: 23.00 feet		17039098
Actual Elevation Bottom: 23.00 feet		17039101
Length of Pier: 60.00 feet		
Length Auger Drilled: 60.00 feet		
Length Rock Cored: feet		

<b>Water</b>	<b>Concrete Testing</b>
Water Present Prior to Pumping : 5.00 feet	Amt. of Concrete in Load (yd <sup>3</sup> ): 9
Water Present Prior to Concrete Placement : 5.00 feet	Ticket No.: 17039093
	Truck No.: 433
	Mix No.: 733570
	No. of Cylinders: 0
	Slump (in): 8.5
	Air (%):
	Concrete Temp. (°F):
	Air Temp. (°F): 92
	Cylinder Set No.: 0275169-22-C4

<b>Bearing Surface</b>	<b>Reinforcing Steel</b>	<b>Other Concrete Areas:</b>
Level: <input checked="" type="checkbox"/>	Vertical No. of bars: 8	Probe Hole Description:
Clean: <input checked="" type="checkbox"/>	Size: #8	Remarks: Concrete placed by tremy. Shoring sleeve was used.
Sound: <input checked="" type="checkbox"/>	Cage Diameter: 30.00 inches	
Rock Socket Length : feet	Cage Length: 58.00 feet	
Probe Hole Length : feet	Horizontal: No. of bars: 46	
	Size: #4	
	Spacing: 16.00 inches	

All grade elevations are approximate.





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4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-23-C1**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR  
  
LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 5/19/2010

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

**Log of Pier:** J.2/4 **Date:** 5/12/2010 **Technician:** Jesi Hoover

Drilling Contractor: Case Atlantic  
Concrete Supplier: Builder's Supply  
Pier Type: Drilled Caisson  
Auger Refusal Depth: feet

**Equipment Code**  
Slump Cone: 04SC275  
Thermometer: 04CT275  
Air Meter:

## Shaft Pier

Diameter: 36.00 inches  
Bell Diameter: inches  
Existing Grade Elevation: 85.50 feet  
Plan Top Elevation: 83.00 feet  
Actual Elevation Top: 83.00 feet  
Plan Elevation Bottom: 23.00 feet  
Actual Elevation Bottom: 23.00 feet  
Length of Pier: 60.00 feet  
Length Auger Drilled: 60.00 feet  
Length Rock Cored: feet

## Dates

Date Started: 5/12/2010  
Date Completed: 5/12/2010  
Date(s) Observed: 5/12/2010  
Date Concrete Placed: 5/12/2010

## Pier Concrete

Total Amt. of Concrete (yd<sup>3</sup>): 15  
Initial Time of Placement: 12:20  
Time of Completion: 12:35  
Design Strength (psi): 3000  
Ticket Number(s): 2103342  
2103343

## Water

Water Present Prior to Pumping : feet  
Water Present Prior to Concrete Placement : feet

## Bearing Surface

Level: ☒  
Clean: ☒  
Sound: ☒  
Rock Socket Length : feet  
Probe Hole Length : feet

## Concrete Testing

Amt. of Concrete in Load (yd<sup>3</sup>): 9  
Ticket No.: 2103342  
Truck No.: 382  
Mix No.: 733570  
No. of Cylinders: 4  
Slump (in): 8  
Air (%):  
Concrete Temp. (°F): 87  
Air Temp. (°F): 87  
Cylinder Set No.: 0275169-23-C1

## Reinforcing Steel

Vertical No. of bars: 8  
Size: #8  
Cage Diameter: 30.00 inches  
Cage Length: 58.00 feet  
Horizontal: No. of bars: 46  
Size: #4  
Spacing: 16.00 inches

If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.

Other Concrete Areas: H/4, J.2/7.2  
Probe Hole Description:  
Remarks: Concrete placed by tremy. Shoring sleeve was used.

All grade elevations are approximate.



Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-23-C3**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR  
  
LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 5/19/2010

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

**Log of Pier:** H/4 **Date:** 5/12/2010 **Technician:** Jesi Hoover

Drilling Contractor:	Case Atlantic	<b>Equipment Code</b>	
Concrete Supplier:	Builder's Supply	Slump Cone:	04SC275
Pier Type:	Drilled Caisson	Thermometer:	04CT275
Auger Refusal Depth:	feet	Air Meter:	

<b>Shaft Pier</b>	<b>Dates</b>	<b>Pier Concrete</b>
Diameter: 42.00 inches	Date Started: 5/12/2010	Total Amt. of Concrete (yd <sup>3</sup> ): 23
Bell Diameter: inches	Date Completed: 5/12/2010	Initial Time of Placement: 12:40
Existing Grade Elevation: 85.50 feet	Date(s) Observed: 5/12/2010	Time of Completion: 13:05
Plan Top Elevation: 83.00 feet	Date Concrete Placed: 5/12/2010	Design Strength (psi): 3000
Actual Elevation Top: 83.00 feet		Ticket Number(s): 2103343
Plan Elevation Bottom: 18.00 feet		17039156
Actual Elevation Bottom: 18.00 feet		2103344
Length of Pier: 65.00 feet		2103346
Length Auger Drilled: 65.00 feet		
Length Rock Cored: feet		

<b>Water</b>	<b>Concrete Testing</b>
Water Present Prior to Pumping : feet	Amt. of Concrete in Load (yd <sup>3</sup> ): 9
Water Present Prior to Concrete Placement : feet	Ticket No.: 17039156
	Truck No.: 417
	Mix No.: 733570
	No. of Cylinders: 0
	Slump (in): 8.5
	Air (%):
	Concrete Temp. (°F):
	Air Temp. (°F): 87
	Cylinder Set No.: 0275169-23-C3

<b>Bearing Surface</b>	
Level: <input checked="" type="checkbox"/>	
Clean: <input checked="" type="checkbox"/>	
Sound: <input checked="" type="checkbox"/>	
Rock Socket Length : feet	
Probe Hole Length : feet	

<b>Reinforcing Steel</b>	
Vertical No. of bars: 12	
Size: #8	
Cage Diameter: 36.00 inches	
Cage Length: 63.00 feet	
Horizontal: No. of bars: 50	
Size: #4	
Spacing: 16.00 inches	

If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.

Other Concrete Areas:  
Probe Hole Description:  
Remarks: Concrete placed by tremy. Shoring sleeve was used.

All grade elevations are approximate.



Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-23-C5**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR  
  
LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 5/19/2010

**Log of Pier:** J.2/7.2 **Date:** 5/12/2010 **Technician:** Jesi Hoover

Drilling Contractor:	Case Atlantic	<b>Equipment Code</b>	
Concrete Supplier:	Builder's Supply	Slump Cone:	04SC275
Pier Type:	Drilled Caisson	Thermometer:	04CT275
Auger Refusal Depth:	feet	Air Meter:	

<b>Shaft Pier</b>		<b>Dates</b>	<b>Pier Concrete</b>
Diameter:	24.00 inches	Date Started:	5/12/2010
Bell Diameter:	inches	Date Completed:	5/12/2010
Existing Grade Elevation:	85.50 feet	Date(s) Observed:	5/12/2010
Plan Top Elevation:	83.00 feet	Date Concrete	
Actual Elevation Top:	83.00 feet	Placed:	5/12/2010
Plan Elevation Bottom:	28.00 feet		
Actual Elevation Bottom:	28.00 feet		
Length of Pier:	55.00 feet		
Length Auger Drilled:	55.00 feet		
Length Rock Cored:	feet		
<b>Water</b>		<b>Concrete Testing</b>	
Water Present Prior to Pumping :	feet	Amt. of Concrete in Load (yd <sup>3</sup> ):	9
Water Present Prior to Concrete Placement :	feet	Ticket No.:	2103346
		Truck No.:	396
		Mix No.:	733570
		No. of Cylinders:	0
		Slump (in):	8.5
		Air (%):	
		Concrete Temp. (°F):	
		Air Temp. (°F):	88
		Cylinder Set No.:	0275169-23-C5
<b>Bearing Surface</b>			
Level:	<input checked="" type="checkbox"/>		
Clean:	<input checked="" type="checkbox"/>		
Sound:	<input checked="" type="checkbox"/>		
Rock Socket Length :	feet		
Probe Hole Length :	feet		
<b>Reinforcing Steel</b>			
Vertical No. of bars:	8		
Size:	#6		
Cage Diameter:	18.00 inches		
Cage Length:	52.00 feet		
Horizontal: No. of bars:	42		
Size:	#4		
Spacing:	16.00 inches		
		If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.	
		Other Concrete Areas:	
		Probe Hole Description:	
		Remarks: Concrete placed by tremy. Shoring sleeve was used.	

All grade elevations are approximate.



Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-24-C1**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR

LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 5/19/2010

**Log of Pier:** K.2/4.7

**Date:** 5/13/2010

**Technician:** Jesi Hoover

Drilling Contractor:	Case Atlantic	<b>Equipment Code</b>	
Concrete Supplier:	Builder's Supply	Slump Cone:	04SC275
Pier Type:	Drilled Caisson	Thermometer:	04CT275
Auger Refusal Depth:	feet	Air Meter:	

<b>Shaft Pier</b> Diameter: 42.00 inches Bell Diameter: inches Existing Grade Elevation: 85.50 feet Plan Top Elevation: 83.00 feet Actual Elevation Top: 83.00 feet Plan Elevation Bottom: 18.00 feet Actual Elevation Bottom: 18.00 feet Length of Pier: 65.00 feet Length Auger Drilled: 65.00 feet Length Rock Cored: feet		<b>Dates</b> Date Started: 5/13/2010 Date Completed: 5/13/2010 Date(s) Observed: 5/13/2010 Date Concrete Placed: 5/13/2010	<b>Pier Concrete</b> Total Amt. of Concrete (yd <sup>3</sup> ): 23 Initial Time of Placement: 10:45 Time of Completion: 11:45 Design Strength (psi): 3000 Ticket Number(s): 2103400 2103405 2103408
<b>Water</b> Water Present Prior to Pumping : feet Water Present Prior to Concrete Placement : feet		<b>Concrete Testing</b> Amt. of Concrete in Load (yd <sup>3</sup> ): 9 Ticket No.: 2103400 Truck No.: 443 Mix No.: 733570 No. of Cylinders: 4 Slump (in): 8.75 Air (%): Concrete Temp. (°F): 86 Air Temp. (°F): 90 Cylinder Set No.: 0275169-24-C1	
<b>Bearing Surface</b> Level: <input checked="" type="checkbox"/> Clean: <input checked="" type="checkbox"/> Sound: <input checked="" type="checkbox"/> Rock Socket Length : feet Probe Hole Length : feet		<b>Reinforcing Steel</b> Vertical No. of bars: 12 Size: #8 Cage Diameter: 36.00 inches Cage Length: 63.00 feet Horizontal: No. of bars: 50 Size: #4 Spacing: 16.00 inches	
		If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.	
		Other Concrete Areas: K.2/5.1 Probe Hole Description: Remarks: Concrete placed by tremy. Shoring sleeve was used.	

All grade elevations are approximate.





Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-24-C3**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR  
  
LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 5/19/2010

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

**Log of Pier:** K.2/5.1 **Date:** 5/13/2010 **Technician:** Jesi Hoover

Drilling Contractor: Case Atlantic  
Concrete Supplier: Builder's Supply  
Pier Type: Drilled Caisson  
Auger Refusal Depth: feet

**Equipment Code**  
Slump Cone: 04SC275  
Thermometer: 04CT275  
Air Meter:

## Shaft Pier

Diameter: 24.00 inches  
Bell Diameter: inches  
Existing Grade Elevation: 85.50 feet  
Plan Top Elevation: 83.00 feet  
Actual Elevation Top: 83.00 feet  
Plan Elevation Bottom: 28.00 feet  
Actual Elevation Bottom: 28.00 feet  
Length of Pier: 55.00 feet  
Length Auger Drilled: 55.00 feet  
Length Rock Cored: feet

## Dates

Date Started: 5/13/2010  
Date Completed: 5/13/2010  
Date(s) Observed: 5/13/2010  
Date Concrete Placed: 5/13/2010

## Pier Concrete

Total Amt. of Concrete (yd<sup>3</sup>): 6  
Initial Time of Placement: 11:50  
Time of Completion: 12:10  
Design Strength (psi): 3000  
Ticket Number(s): 2103408  
2103411

## Water

Water Present Prior to Pumping : feet  
Water Present Prior to Concrete Placement : feet

## Bearing Surface

Level: ☒  
Clean: ☒  
Sound: ☒  
Rock Socket Length : feet  
Probe Hole Length : feet

## Concrete Testing

Amt. of Concrete in Load (yd<sup>3</sup>): 9  
Ticket No.: 2103408  
Truck No.: 462  
Mix No.: 733570  
No. of Cylinders: 0  
Slump (in): 8.5  
Air (%):  
Concrete Temp. (°F):  
Air Temp. (°F): 90  
Cylinder Set No.: 0275169-24-C3

## Reinforcing Steel

Vertical No. of bars: 8  
Size: #6  
Cage Diameter: 18.00 inches  
Cage Length: 53.00 feet  
Horizontal: No. of bars: 42  
Size: #4  
Spacing: 16.00 inches

If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.

Other Concrete Areas:  
Probe Hole Description:  
Remarks: Concrete placed by tremy. Shoring sleeve was used.

All grade elevations are approximate.



Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-25-C1**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR

LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 5/19/2010

**Log of Pier:** J.2/4.7 **Date:** 5/14/2010 **Technician:** Jesi Hoover

<b>Drilling Contractor:</b> Case Atlantic <b>Concrete Supplier:</b> Builder's Supply <b>Pier Type:</b> Drilled Caisson <b>Auger Refusal Depth:</b> feet		<b>Equipment Code</b> <b>Slump Cone:</b> 04SC275 <b>Thermometer:</b> 04CT275 <b>Air Meter:</b>	
<b>Shaft Pier</b> <b>Diameter:</b> 42.00 inches <b>Bell Diameter:</b> inches <b>Existing Grade Elevation:</b> 85.50 feet <b>Plan Top Elevation:</b> 83.00 feet <b>Actual Elevation Top:</b> 83.00 feet <b>Plan Elevation Bottom:</b> 18.00 feet <b>Actual Elevation Bottom:</b> 18.00 feet <b>Length of Pier:</b> 65.00 feet <b>Length Auger Drilled:</b> 65.00 feet <b>Length Rock Cored:</b> feet		<b>Dates</b> <b>Date Started:</b> 5/14/2010 <b>Date Completed:</b> 5/14/2010 <b>Date(s) Observed:</b> 5/14/2010 <b>Date Concrete Placed:</b> 5/14/2010	
<b>Water</b> <b>Water Present Prior to Pumping :</b> feet <b>Water Present Prior to Concrete Placement :</b> feet		<b>Pier Concrete</b> <b>Total Amt. of Concrete (yd<sup>3</sup>):</b> 23 <b>Initial Time of Placement:</b> 11:00 <b>Time of Completion:</b> 11:25 <b>Design Strength (psi):</b> 3000 <b>Ticket Number(s):</b> 17089319 2103517 2103519	
<b>Bearing Surface</b> <b>Level:</b> <input checked="" type="checkbox"/> <b>Clean:</b> <input checked="" type="checkbox"/> <b>Sound:</b> <input checked="" type="checkbox"/> <b>Rock Socket Length :</b> feet <b>Probe Hole Length :</b> feet		<b>Concrete Testing</b> <b>Amt. of Concrete in Load (yd<sup>3</sup>):</b> 9 <b>Ticket No.:</b> 17039319 <b>Truck No.:</b> 365 <b>Mix No.:</b> 733570 <b>No. of Cylinders:</b> 4 <b>Slump (in):</b> 8.25 <b>Air (%):</b> <b>Concrete Temp. (°F):</b> 86 <b>Air Temp. (°F):</b> 87 <b>Cylinder Set No.:</b> 0275169-25-C1	
<b>Reinforcing Steel</b> <b>Vertical No. of bars:</b> 12 <b>Size:</b> #8 <b>Cage Diameter:</b> 36.00 inches <b>Cage Length:</b> 63.00 feet <b>Horizontal No. of bars:</b> 50 <b>Size:</b> #4 <b>Spacing:</b> 16.00 inches		If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.  <b>Other Concrete Areas:</b> J.2/5.1 <b>Probe Hole Description:</b> <b>Remarks:</b> Concrete placed by tremy. Shoring sleeve was used.	

All grade elevations are approximate.



Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-25-C3**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR

LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 5/19/2010

**Log of Pier:** J.2/5.1 **Date:** 5/14/2010 **Technician:** Jesi Hoover

Drilling Contractor:	Case Atlantic	<b>Equipment Code</b>	
Concrete Supplier:	Builder's Supply	Slump Cone:	04SC275
Pier Type:	Drilled Caisson	Thermometer:	04CT275
Auger Refusal Depth:	feet	Air Meter:	

<b>Shaft Pier</b>		<b>Dates</b>	<b>Pier Concrete</b>
Diameter:	24.00 inches	Date Started:	5/14/2010
Bell Diameter:	inches	Date Completed:	5/14/2010
Existing Grade Elevation:	85.50 feet	Date(s) Observed:	5/14/2010
Plan Top Elevation:	83.00 feet	Date Concrete	
Actual Elevation Top:	83.00 feet	Placed:	5/14/2010
Plan Elevation Bottom:	28.00 feet		
Actual Elevation Bottom:	28.00 feet		
Length of Pier:	55.00 feet		
Length Auger Drilled:	55.00 feet		
Length Rock Cored:	feet		
<b>Water</b>		<b>Concrete Testing</b>	
Water Present Prior to Pumping :	feet	Amt. of Concrete in Load (yd <sup>3</sup> ):	9
Water Present Prior to Concrete Placement :	feet	Ticket No.:	2103519
		Truck No.:	461
		Mix No.:	733570
		No. of Cylinders:	0
		Slump (in):	8.5
		Air (%):	
		Concrete Temp. (°F):	
		Air Temp. (°F):	87
		Cylinder Set No.:	0275169-25-C3
<b>Bearing Surface</b>			
Level:	<input checked="" type="checkbox"/>		
Clean:	<input checked="" type="checkbox"/>		
Sound:	<input checked="" type="checkbox"/>		
Rock Socket Length :	feet		
Probe Hole Length :	feet		
<b>Reinforcing Steel</b>			
Vertical No. of bars:	12		
Size:	#6		
Cage Diameter:	18.00 inches		
Cage Length:	53.00 feet		
Horizontal: No. of bars:	42		
Size:	#4		
Spacing:	16.00 inches		
		If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.	
		Other Concrete Areas:	
		Probe Hole Description:	
		Remarks: Concrete placed by tremy. Shoring sleeve was used.	

All grade elevations are approximate.



Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-26-C1**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR

LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 5/19/2010

**Log of Pier:** H/4.7

**Date:** 5/17/2010

**Technician:** Jesi Hoover

Drilling Contractor: Case Atlantic  
Concrete Supplier: Builder's Supply  
Pier Type: Drilled Caisson  
Auger Refusal Depth: feet

## Equipment Code

Slump Cone: 04SC275  
Thermometer: 04CT275  
Air Meter:

## Shaft Pier

Diameter: 42.00 inches  
Bell Diameter: inches  
Existing Grade Elevation: 85.50 feet  
Plan Top Elevation: 83.00 feet  
Actual Elevation Top: 83.00 feet  
Plan Elevation Bottom: 18.00 feet  
Actual Elevation Bottom: 18.00 feet  
Length of Pier: 65.00 feet  
Length Auger Drilled: 65.00 feet  
Length Rock Cored: feet

## Dates

Date Started: 5/17/2010  
Date Completed: 5/17/2010  
Date(s) Observed: 5/17/2010  
Date Concrete Placed: 5/17/2010

## Pier Concrete

Total Amt. of Concrete (yd<sup>3</sup>): 23  
Initial Time of Placement: 11:10  
Time of Completion: 11:50  
Design Strength (psi): 3000  
Ticket Number(s): 4057660  
4057662  
4057664

## Water

Water Present Prior to Pumping : feet  
Water Present Prior to Concrete Placement : feet

## Bearing Surface

Level: ☒  
Clean: ☒  
Sound: ☒  
Rock Socket Length : feet  
Probe Hole Length : feet

## Concrete Testing

Amt. of Concrete in Load (yd<sup>3</sup>): 9  
Ticket No.: 4057660  
Truck No.: 434  
Mix No.: 733570  
No. of Cylinders: 4  
Slump (in): 8  
Air (%):  
Concrete Temp. (°F): 88  
Air Temp. (°F): 87  
Cylinder Set No.: 0275169-26-C1

## Reinforcing Steel

Vertical No. of bars: 12  
Size: #8  
Cage Diameter: 36.00 inches  
Cage Length: 63.00 feet  
Horizontal: No. of bars: 50  
Size: #4  
Spacing: 16.00 inches

If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.

Other Concrete Areas: H/5.1  
Probe Hole Description:  
Remarks: Concrete placed by tremy. Shoring sleeve was used.

All grade elevations are approximate.





Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-26-C3**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR

LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 5/19/2010

**Log of Pier:** H/5.1

**Date:** 5/17/2010

**Technician:** Jesi Hoover

Drilling Contractor:	Case Atlantic	<b>Equipment Code</b>	
Concrete Supplier:	Builder's Supply	Slump Cone:	04SC275
Pier Type:	Drilled Caisson	Thermometer:	04CT275
Auger Refusal Depth:	feet	Air Meter:	

<b>Shaft Pier</b>	<b>Dates</b>	<b>Pier Concrete</b>
Diameter: 36.00 inches	Date Started: 5/17/2010	Total Amt. of Concrete (yd <sup>3</sup> ): 15
Bell Diameter: inches	Date Completed: 5/17/2010	Initial Time of Placement: 11:55
Existing Grade Elevation: 85.50 feet	Date(s) Observed: 5/17/2010	Time of Completion: 12:30
Plan Top Elevation: 83.00 feet	Date Concrete Placed: 5/17/2010	Design Strength (psi): 3000
Actual Elevation Top: 83.00 feet		Ticket Number(s): 4057669
Plan Elevation Bottom: 23.00 feet		17039387
Actual Elevation Bottom: 23.00 feet		17039388
Length of Pier: 60.00 feet		
Length Auger Drilled: 60.00 feet		
Length Rock Cored: feet		

<b>Water</b>	<b>Concrete Testing</b>
Water Present Prior to Pumping : feet	Amt. of Concrete in Load (yd <sup>3</sup> ): 9
Water Present Prior to Concrete Placement : feet	Ticket No.: 4057664
	Truck No.: 444
	Mix No.: 733570
	No. of Cylinders: 0
	Slump (in): 8.5
	Air (%):
	Concrete Temp. (°F):
	Air Temp. (°F): 88
	Cylinder Set No.: 0275169-26-C3

<b>Bearing Surface</b>	<b>Reinforcing Steel</b>	
Level: <input checked="" type="checkbox"/>	Vertical No. of bars: 12	
Clean: <input checked="" type="checkbox"/>	Size: #9	
Sound: <input checked="" type="checkbox"/>	Cage Diameter: 30.00 inches	
Rock Socket Length : feet	Cage Length: 58.00 feet	
Probe Hole Length : feet	Horizontal: No. of bars: 46	
	Size: #4	
	Spacing: 16.00 inches	
		If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.
		Other Concrete Areas:
		Probe Hole Description:
		Remarks: Concrete placed by tremy. Shoring sleeve was used.

All grade elevations are approximate.



Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-27-C1**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR  
  
LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

These test results apply only to the specific locations and materials noted and may not represent any other locations or elevations. This report may not be reproduced, except in full, without written permission by Professional Service Industries, Inc.

Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 5/19/2010

**Log of Pier:** G/5 **Date:** 5/18/2010 **Technician:** Jesi Hoover

<b>Drilling Contractor:</b> Case Atlantic <b>Concrete Supplier:</b> Builder's Supply <b>Pier Type:</b> Drilled Caisson <b>Auger Refusal Depth:</b> feet		<b>Equipment Code</b> <b>Slump Cone:</b> 04SC275 <b>Thermometer:</b> 04CT275 <b>Air Meter:</b>	
<b>Shaft Pier</b> <b>Diameter:</b> 36.00 inches <b>Bell Diameter:</b> inches <b>Existing Grade Elevation:</b> 89.50 feet <b>Plan Top Elevation:</b> 93.00 feet <b>Actual Elevation Top:</b> 90.00 feet <b>Plan Elevation Bottom:</b> 49.00 feet <b>Actual Elevation Bottom:</b> 49.00 feet <b>Length of Pier:</b> 40.00 feet <b>Length Auger Drilled:</b> 40.00 feet <b>Length Rock Cored:</b> feet		<b>Dates</b> <b>Date Started:</b> 5/18/2010 <b>Date Completed:</b> 5/18/2010 <b>Date(s) Observed:</b> 5/18/2010 <b>Date Concrete Placed:</b> 5/18/2010	
<b>Water</b> <b>Water Present Prior to Pumping :</b> feet <b>Water Present Prior to Concrete Placement :</b> feet		<b>Pier Concrete</b> <b>Total Amt. of Concrete (yd<sup>3</sup>):</b> 10 <b>Initial Time of Placement:</b> 11:10 <b>Time of Completion:</b> 11:25 <b>Design Strength (psi):</b> 3000 <b>Ticket Number(s):</b> 17039403 2103609	
<b>Bearing Surface</b> <b>Level:</b> <input checked="" type="checkbox"/> <b>Clean:</b> <input checked="" type="checkbox"/> <b>Sound:</b> <input checked="" type="checkbox"/> <b>Rock Socket Length :</b> feet <b>Probe Hole Length :</b> feet		<b>Concrete Testing</b> <b>Amt. of Concrete in Load (yd<sup>3</sup>):</b> 9 <b>Ticket No.:</b> 17039403 <b>Truck No.:</b> 394 <b>Mix No.:</b> 733570 <b>No. of Cylinders:</b> 4 <b>Slump (in):</b> 9 <b>Air (%):</b> <b>Concrete Temp. (°F):</b> 86 <b>Air Temp. (°F):</b> 86 <b>Cylinder Set No.:</b> 0275169-27-C1	
<b>Reinforcing Steel</b> <b>Vertical No. of bars:</b> 8 <b>Size:</b> #8 <b>Cage Diameter:</b> 30.00 inches <b>Cage Length:</b> 38.00 feet <b>Horizontal: No. of bars:</b> 31 <b>Size:</b> #4 <b>Spacing:</b> 16.00 inches		<b>If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.</b>  <b>Other Concrete Areas:</b> G/4, H/2 <b>Probe Hole Description:</b> <b>Remarks:</b> Concrete placed by tremy	

All grade elevations are approximate.



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Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-27-C2**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR

LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 5/19/2010

**Log of Pier:** G/4 **Date:** 5/18/2010 **Technician:** Jesi Hoover

Drilling Contractor:	Case Atlantic	<b>Equipment Code</b>	
Concrete Supplier:	Builder's Supply	Slump Cone:	04SC275
Pier Type:	Drilled Caisson	Thermometer:	04CT275
Auger Refusal Depth:	feet	Air Meter:	

<b>Shaft Pier</b>	<b>Dates</b>	<b>Pier Concrete</b>
Diameter: 36.00 inches	Date Started: 5/18/2010	Total Amt. of Concrete (yd <sup>3</sup> ): 9
Bell Diameter: inches	Date Completed: 5/18/2010	Initial Time of Placement: 11:30
Existing Grade Elevation: 89.50 feet	Date(s) Observed: 5/18/2010	Time of Completion: 11:35
Plan Top Elevation: 93.00 feet	Date Concrete Placed: 5/18/2010	Design Strength (psi): 3000
Actual Elevation Top: 90.50 feet		Ticket Number(s): 2103609
Plan Elevation Bottom: 53.00 feet		
Actual Elevation Bottom: 52.90 feet		
Length of Pier: 40.00 feet		
Length Auger Drilled: 37.60 feet		
Length Rock Cored: feet		

<b>Water</b>	<b>Concrete Testing</b>
Water Present Prior to Pumping : feet	Amt. of Concrete in Load (yd <sup>3</sup> ): 9
Water Present Prior to Concrete Placement : feet	Ticket No.: 2103609
	Truck No.: 408
	Mix No.: 733570
	No. of Cylinders: 0
	Slump (in): 8.5
	Air (%):
	Concrete Temp. (°F):
	Air Temp. (°F): 87
	Cylinder Set No.: 0275169-27-C2

<b>Bearing Surface</b>	<b>Reinforcing Steel</b>	
Level: <input checked="" type="checkbox"/>	Vertical No. of bars: 8	
Clean: <input checked="" type="checkbox"/>	Size: #8	
Sound: <input checked="" type="checkbox"/>	Cage Diameter: 30.00 inches	
	Cage Length: 38.00 feet	
Rock Socket Length : feet	Horizontal: No. of bars: 31	
Probe Hole Length : feet	Size: #4	
	Spacing: 16.00 inches	
		If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.
		Other Concrete Areas:
		Probe Hole Description:
		Remarks: Concrete placed by tremy

All grade elevations are approximate.



Professional Service Industries, Inc.  
4123 Curtis Lane  
Shreveport, LA 71109

Phone: (318) 631-5547  
Fax: (318) 631-1546

# Drilled Pier Report

**Report No: DPR:0275169-27-C3**

**Issue No: 1**

**Client:** WIELAND-DAVCO CORPORATION  
4162 ENGLISH OAK DR  
  
LANSING, MI

**CC:** ARCHIE LANHAM,  
DONNIE JONES,  
JUSTIN PARK,  
RANDY FRITZ

**Project:** VA OVERTON BROOKS MENTAL HLTH  
SHREVEPORT LA

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Approved Signatory: Michael Carr (Department Manager)  
Date of Issue: 5/19/2010

**Log of Pier:** H/2 **Date:** 5/18/2010 **Technician:** Jesi Hoover

Drilling Contractor:	Case Atlantic	<b>Equipment Code</b>	
Concrete Supplier:	Builder's Supply	Slump Cone:	04SC275
Pier Type:	Drilled Caisson	Thermometer:	04CT275
Auger Refusal Depth:	feet	Air Meter:	

<b>Shaft Pier</b>	<b>Dates</b>	<b>Pier Concrete</b>
Diameter: 36.00 inches	Date Started: 5/18/2010	Total Amt. of Concrete (yd <sup>3</sup> ): 10
Bell Diameter: inches	Date Completed: 5/18/2010	Initial Time of Placement: 11:40
Existing Grade Elevation: 94.00 feet	Date(s) Observed: 5/18/2010	Time of Completion: 11:50
Plan Top Elevation: 92.00 feet	Date Concrete Placed: 5/18/2010	Design Strength (psi): 3000
Actual Elevation Top: 92.00 feet		Ticket Number(s): 17039404
Plan Elevation Bottom: 52.00 feet		
Actual Elevation Bottom: 52.00 feet		
Length of Pier: 40.00 feet		
Length Auger Drilled: 40.00 feet		
Length Rock Cored: feet		

<b>Water</b>	<b>Concrete Testing</b>
Water Present Prior to Pumping : feet	Amt. of Concrete in Load (yd <sup>3</sup> ): 9
Water Present Prior to Concrete Placement : feet	Ticket No.: 17039404
	Truck No.: 433
	Mix No.: 733570
	No. of Cylinders: 0
	Slump (in): 8.5
	Air (%):
	Concrete Temp. (°F):
	Air Temp. (°F): 87
	Cylinder Set No.: 0275169-27-C3

<b>Bearing Surface</b>	
Level: <input checked="" type="checkbox"/>	
Clean: <input checked="" type="checkbox"/>	
Sound: <input checked="" type="checkbox"/>	
Rock Socket Length : feet	
Probe Hole Length : feet	

<b>Reinforcing Steel</b>	
Vertical No. of bars: 8	
Size: #8	
Cage Diameter: 30.00 inches	
Cage Length: 38.00 feet	
Horizontal: No. of bars: 31	
Size: #4	
Spacing: 16.00 inches	
	If no concrete testing was performed on this pier, cylinder set represents the concrete for this pier.
	Other Concrete Areas:
	Probe Hole Description:
	Remarks: Concrete placed by tremy

All grade elevations are approximate.