

APPENDIX G

SHEETING DESIGN, TESTING RESULTS, and AS-BUILT DOCUMENTATION

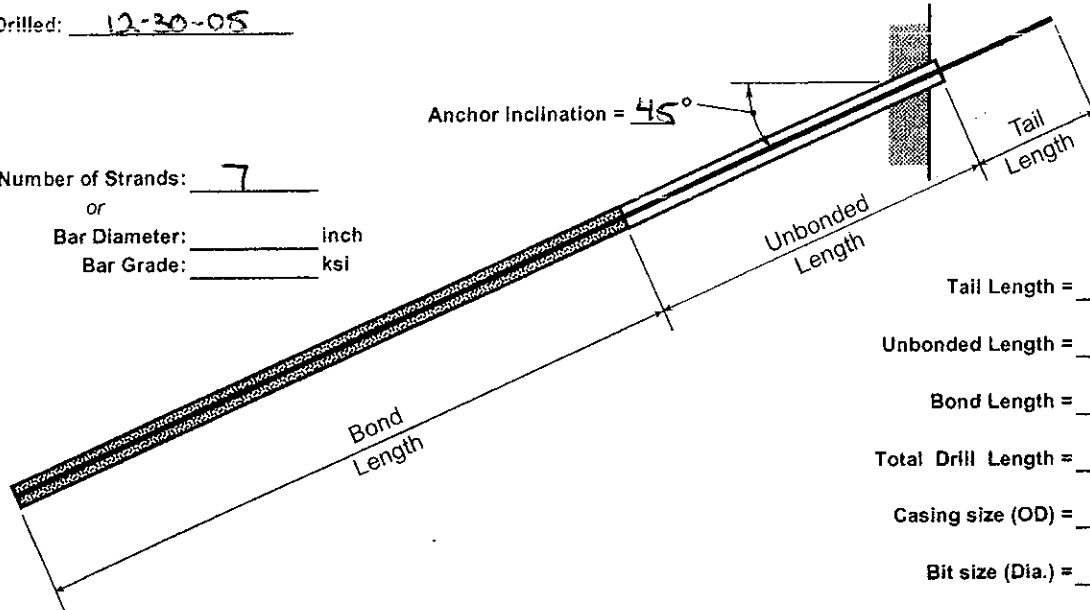
1. Anchor installation records are on the CDs (Anchors: T-2 thru T-90)
2. Anchor proof/performance test field data on the CDs (Anchors: T-2 thru T-90)
3. Complete sheet pile driving log on the CDs
4. As-built survey of steel sheeting perimeter dated 12/15/05

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-2</u>	Design Load: <u>220k</u>
Job Name: <u>REINFORCE PHASE II</u>	Installed Date: <u>12-30-05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42ND St 41TH Ave</u>	Drill Rig No: <u>Klemm - 806</u>	

Date Drilled: 12-30-05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi

Anchor Inclination = 45°Tail Length = 5 ftUnbonded Length = 25 ftBond Length = 35 ftTotal Drill Length = 60 ftCasing size (OD) = 133 in / mmBit size (Dia.) = 4 in / mm**GROUTING RECORD**

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12-30-05</u>			
Break Pressure:	<u>N/A</u> psi	_____ psi	_____ psi	_____ psi
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi	_____ psi	_____ psi	_____ psi

Drilling Conditions/Notes:

0-20' f/m sand & gravel HKSilt
20'-60' bedrock

SCANNED

Recorded by:

Vincent A. Mitchell
Print NameVincent A. Mitchell
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-3</u>	Design Load: <u>220 k</u>
Job Name: <u>RIVERPLACE - Phase II</u>	Installed Date: <u>12-30-05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42nd St & 11th Ave</u>	Drill Rig No: <u>Klemm-806</u>	

Date Drilled: 12-30-05

Anchor Inclination = 45°

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi

Tail Length = 5 ft
Unbonded Length = 30 ft
Bond Length = 35 ft
Total Drill Length = 65 ft
Casing size (OD) = 133 in / mm
Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12-30-05</u>			
Break Pressure:	<u>N/A</u> psi	_____ psi	_____ psi	_____ psi
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi	_____ psi	_____ psi	_____ psi

Drilling Conditions/Notes:

0-20' f/m sand & gvl. Gy + Bk silt
20'-26' RD BN silty clay f/m sand & gvl.
26'-65' Bedrock

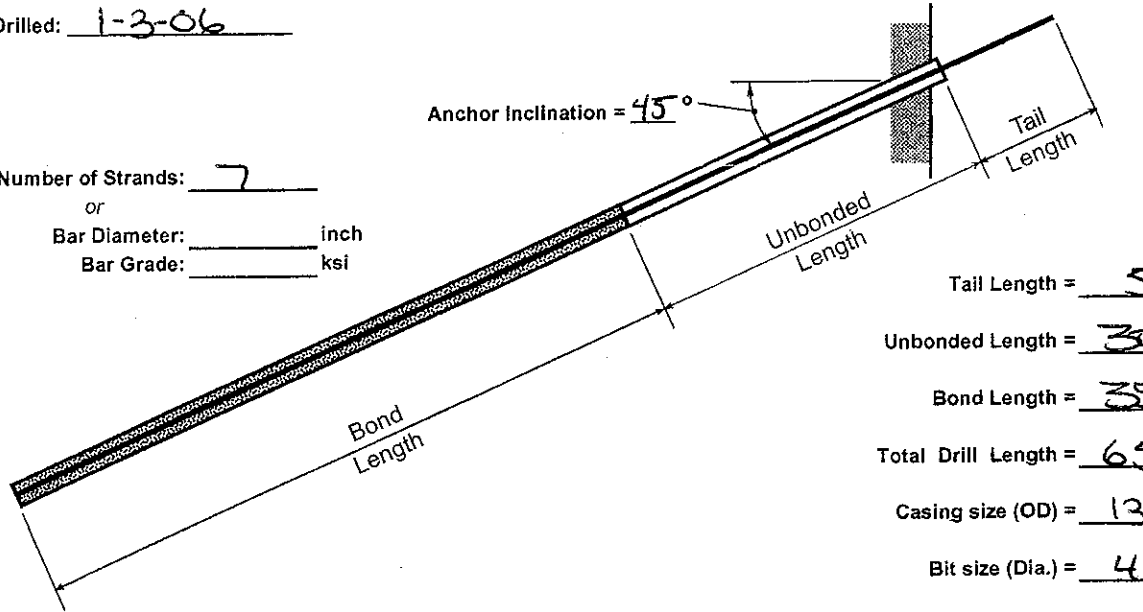
SCANNED

Recorded by:

Vincent A. Mitchell
Print NameVincent A. Mitchell
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-4</u>	Design Load: <u>220^k</u>
Job Name: <u>REINFORCE PILES II</u>	Installed Date: <u>1-3-06</u>	Driller: <u>V. Mitchell</u>
Location: <u>42ND ST & 11TH AVE</u>	Drill Rig No: <u>Klemm - 806</u>	
Date Drilled: <u>1-3-06</u>		



Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi

Anchor Inclination = 45°

Bond Length

Unbonded Length

Tail Length

Tail Length = 5 ft
Unbonded Length = 30 ft
Bond Length = 35 ft
Total Drill Length = 65 ft
Casing size (OD) = 133 in / mm
Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>1-3-06</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

0-20' f/m sand + gvl blk. silt

20'-30' gy silty f/sand

30'-35' RD BN clayey silt

35'-65' Bedrock

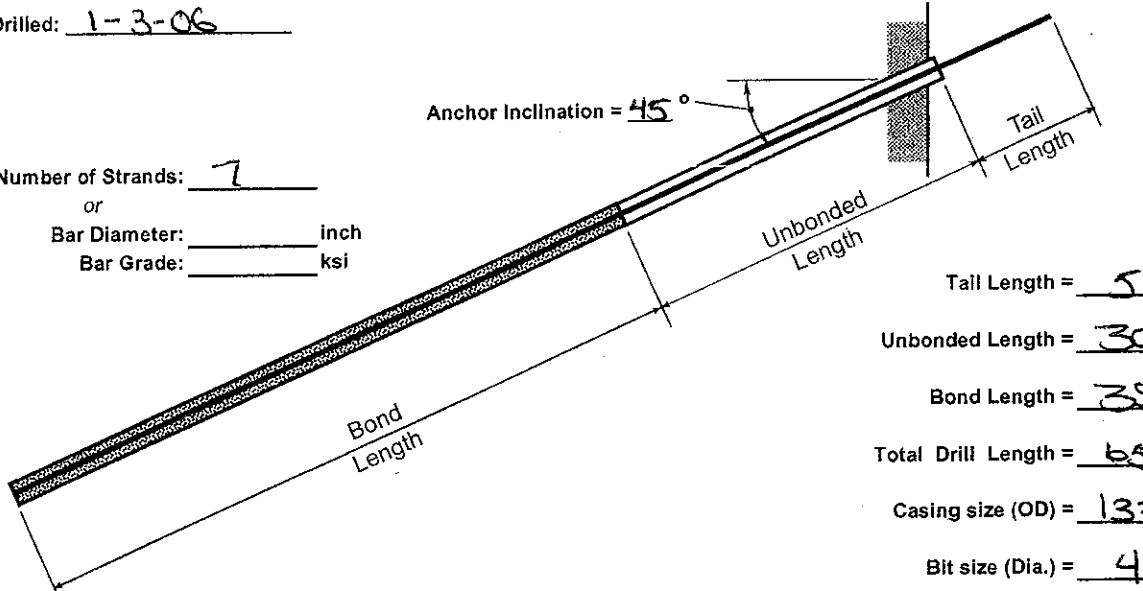
SCANNED

Recorded by: Vincent A. Mitchell Vincent A. Mitchell
Print Name Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-5</u>	Design Load: <u>220 k</u>
Job Name: <u>2ND FLOOR - PHASE II</u>	Installed Date: <u>1-3-06</u>	Driller: <u>V. Mitchell</u>
Location: <u>42nd St & 11th Ave</u>	Drill Rig No: <u>Klemm - 806</u>	

Date Drilled: 1-3-06



Anchor Inclination = 45°

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi

Bond Length _____
Unbonded Length _____
Tail Length _____

Tail Length = 5 ft
Unbonded Length = 30 ft
Bond Length = 35 ft
Total Drill Length = 65 ft
Casing size (OD) = 133 in / mm
Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>1-3-06</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

0-20' MISC. fill
20'-30' gy silty f/sand
30'-35' BD BN clayey silt
35'-65' Bedrock

SCANNED

Recorded by:

Vincent A. Mitchell
Print Name

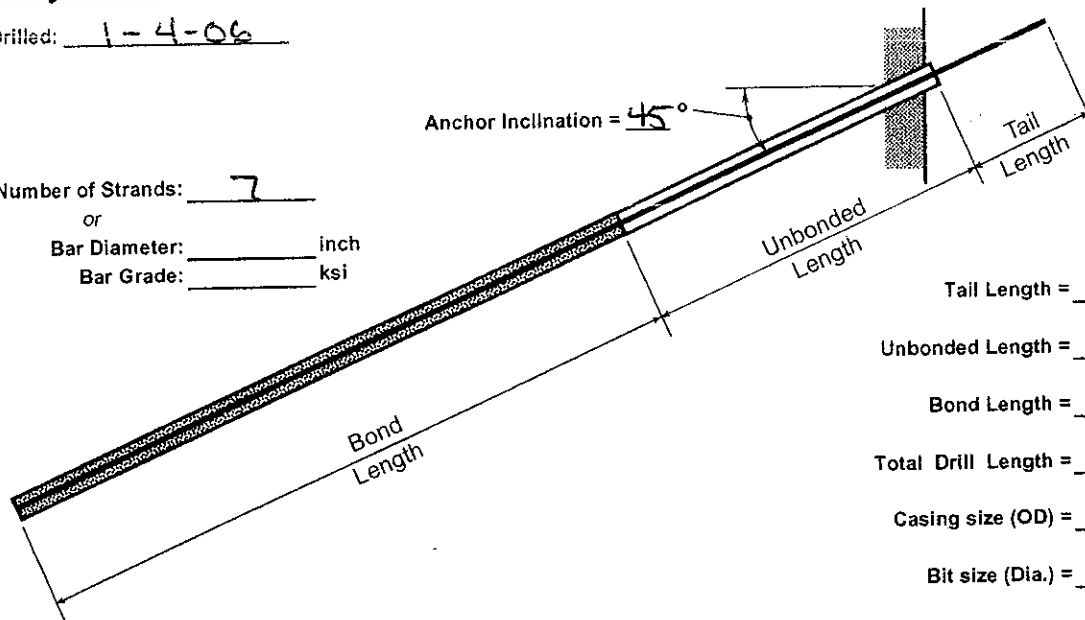
Vincent A. Mitchell
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-6</u>	Design Load: <u>220^k</u>
Job Name: <u>RIVERPUCE Phase II</u>	Installed Date: <u>1-4-06</u>	Driller: <u>V. Mitchell</u>
Location: <u>42nd St + 11th Ave</u>	Drill Rig No: <u>806</u>	

Date Drilled: 1-4-06

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = 30 ft
Bond Length = 35 ft
Total Drill Length = 65 ft
Casing size (OD) = 133 in / mm
Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>1-4-06</u>			
Break Pressure:	<u>N/A</u> psi	_____ psi	_____ psi	_____ psi
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi	_____ psi	_____ psi	_____ psi

Drilling Conditions/Notes:

D-15' misc fill
15'-30' gy silty f/sand
30'-35' RD BN clayey silt
35'-65' Bedrock

SCANNED

Recorded by:

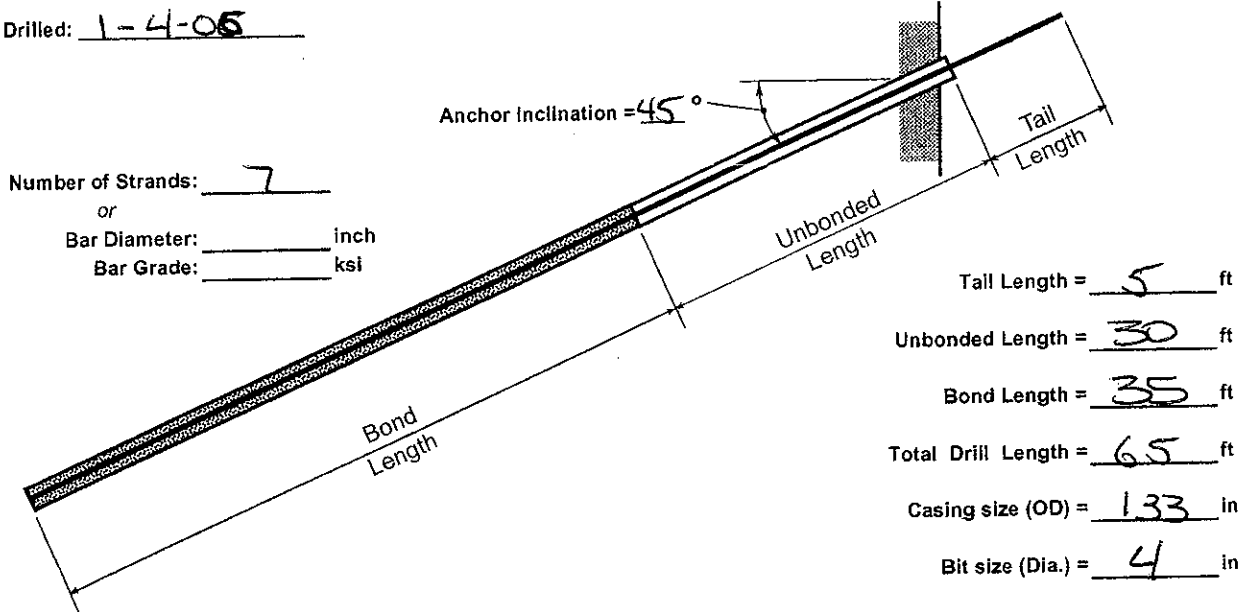
Vincent A. Mitchell
Print Name

Vincent A. Mitchell
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-7</u>	Design Load: <u>220 k</u>
Job Name: <u>RIVERVIEW - PHASE II</u>	Installed Date: <u>1-4-05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42ND & 11TH AVE</u>	Drill Rig No: <u>806</u>	

Date Drilled: 1-4-05



Tail Length = 5 ft

Unbonded Length = 30 ft

Bond Length = 35 ft

Total Drill Length = 65 ft

Casing size (OD) = 1.33 in / mm

Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>1-4-06</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>20</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

0-15' misc-fill
15'-30' gy silty f/sand
30'-35' RD. BN clayey silt
35'-65' Bedrock

SCANNED

Recorded by:

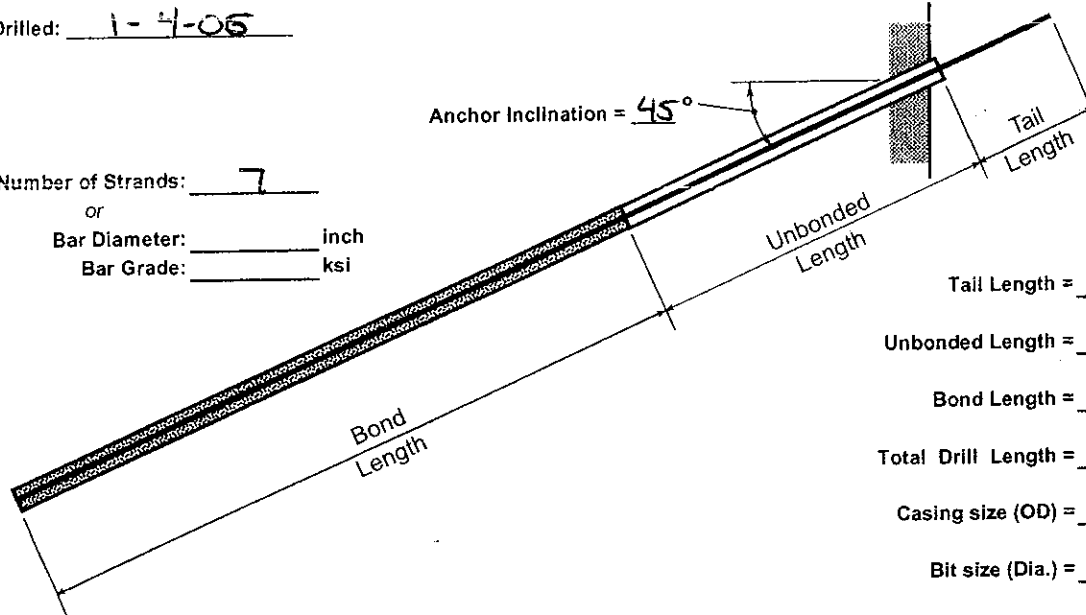
Vincent A. Mitchell
Print Name

Vincent R. Mitchell
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-8</u>	Design Load: <u>220^k</u>
Job Name: <u>RIVERVIEW PARK II</u>	Installed Date: <u>1-4-06</u>	Driller: <u>V. Mitchell</u>
Location: <u>42ND & 11TH AVE</u>	Drill Rig No: <u>806</u>	

 Date Drilled: 1-4-06

 Number of Strands: 7
 or
 Bar Diameter: _____ inch
 Bar Grade: _____ ksi

 Tail Length = 5 ft
 Unbonded Length = 30 ft
 Bond Length = 35 ft
 Total Drill Length = 65 ft
 Casing size (OD) = 133 in / mm
 Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>1-4-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

0-15' misc. fill
15'-30' gy silty f/sand
30'-35' RDBN clayey silt
35'-65' Bedrock

SCANNED

Recorded by:

Vincent A. Mitchell
 Print Name

Vincent A. Mitchell
 Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-9</u>	Design Load: <u>220 k</u>
Job Name: <u>RIVERVIEW - Phase II</u>	Installed Date: <u>1-5-06</u>	Driller: <u>V. Mitchell</u>
Location: <u>42ND ST & 11TH AVE</u>	Drill Rig No: <u>806</u>	

Date Drilled: 1-5-06

Anchor Inclination = 45°

Number of Strands: 7
 or
 Bar Diameter: _____ inch
 Bar Grade: _____ ksi

Tail Length = 5 ft
 Unbonded Length = 30 ft
 Bond Length = 35 ft
 Total Drill Length = 65 ft
 Casing size (OD) = 133 in / mm
 Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>1-5-06</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

<u>0'-15'</u>	<u>misc. fill</u>
<u>15'-30'</u>	<u>gy silty f/sand</u>
<u>30'-35'</u>	<u>BD ON clayey silt</u>
<u>35'-65'</u>	<u>Bedrock</u>

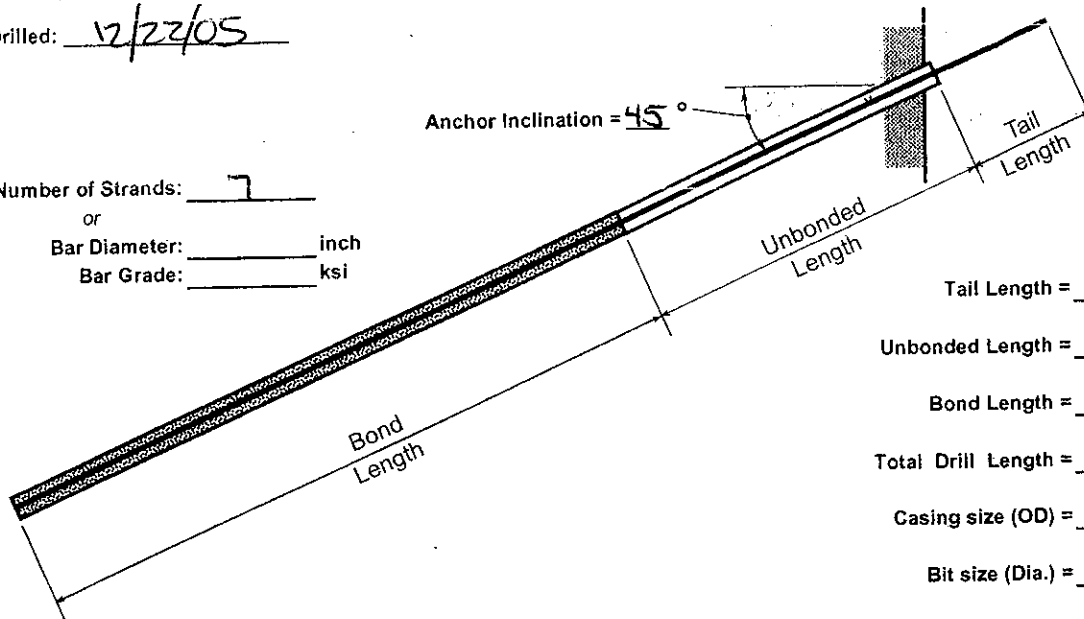
Recorded by: Vincent A. Mitchell Vincent A. Mitchell
 Print Name Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-10</u>	Design Load: <u>220 k</u>
Job Name: <u>RIVERFACE - Phase II</u>	Installed Date: <u>12/22/05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42nd St. & 11th Ave</u>	Drill Rig No: <u>Klemm-806</u>	

Date Drilled: 12/22/05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = 30 ft
Bond Length = 35 ft
Total Drill Length = 65 ft
Casing size (OD) = 133 in / mm
Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12/22/05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>20</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

0-15' misc. fill
15'-24' Gy S.H. & f/sand
24'-32' RD BN Clayey silt
32'-65' Bedrock

SCANNED

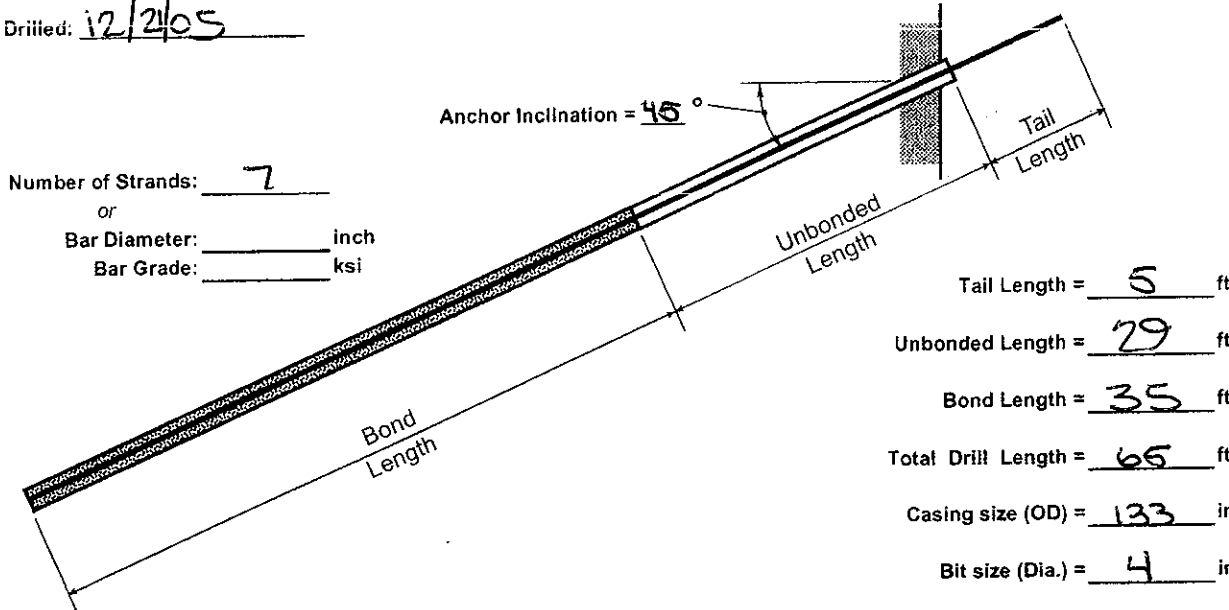
Recorded by:

Vincent A. Mitchell
Print Name

Vincent A. Mitchell
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-11</u>	Design Load: <u>220 k</u>
Job Name: <u>RIVERPLACE - Phase II</u>	Installed Date: <u>12/21/05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42ND St & 11TH AVE</u>	Drill Rig No: <u>Klemm - 806</u>	

Date Drilled: 12/21/05**GROUTING RECORD**

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12/21/05</u>			
Break Pressure:	<u>N/A</u> psi	_____ psi	_____ psi	_____ psi
No. of 94lb Bags:	<u>20</u>			
Regrout Pressure:	<u>N/A</u> psi	_____ psi	_____ psi	_____ psi

Drilling Conditions/Notes:

0-15' MISC. fill
15'-24' Gy. Silt + P/sand
24'-32' RD BW clayey silt
32'-65' Bedrock

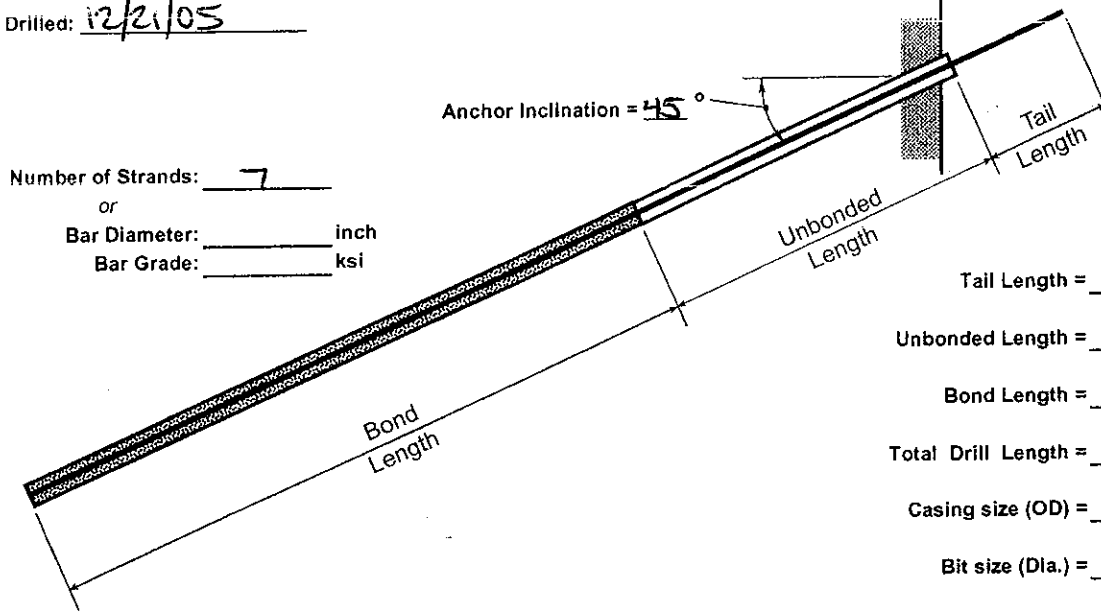
SCANNED

Recorded by:

Vincent A. Mitchell
Print NameVincent A. Mitchell
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-12</u>	Design Load: <u>220 k</u>
Job Name: <u>RIVERPLACE - Phase II</u>	Installed Date: <u>12/21/05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42nd St & 11th Ave</u>	Drill Rig No: <u>Klemm - 806</u>	

 Date Drilled: 12/21/05

 Number of Strands: 7
 or
 Bar Diameter: _____ inch
 Bar Grade: _____ ksi

 Tail Length = 5 ft
 Unbonded Length = 29 ft
 Bond Length = 35 ft
 Total Drill Length = 65 ft
 Casing size (OD) = 133 in / mm
 Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12/21/05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>20</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

0-15' misc. fill
15'-24' Gy Silty Sand
24'-26' RD BN Clayey silt
26'-65' Bedrock

SCANNED

Recorded by:

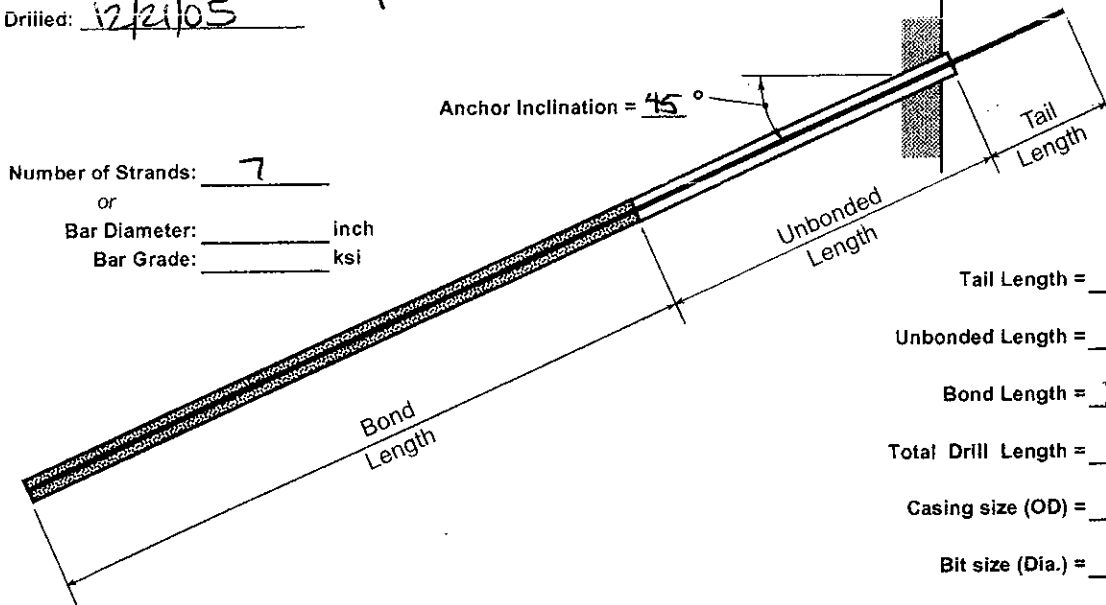
Vincent A. Mitchell
Print Name

Vincent A. Mitchell
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-13</u>	Design Load: <u>220k</u>
Job Name: <u>12th PLACE - PHASE II</u>	Installed Date: <u>12/21/05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42ND ST 211TH AVE, NY</u>	Drill Rig No: <u>Klemm-806</u>	

Date Drilled: 12/21/05



Tail Length = 5 ft
Unbonded Length = 29 ft
Bond Length = 35 ft
Total Drill Length = 65 ft
Casing size (OD) = 133 in / mm
Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12/21/05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>20</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

0-15' MISC. fill
15'-24' Gy silt & f / sand
24'-26' RD BN Clayey silt
26'-65' Bedrock

SCANNED

Recorded by:

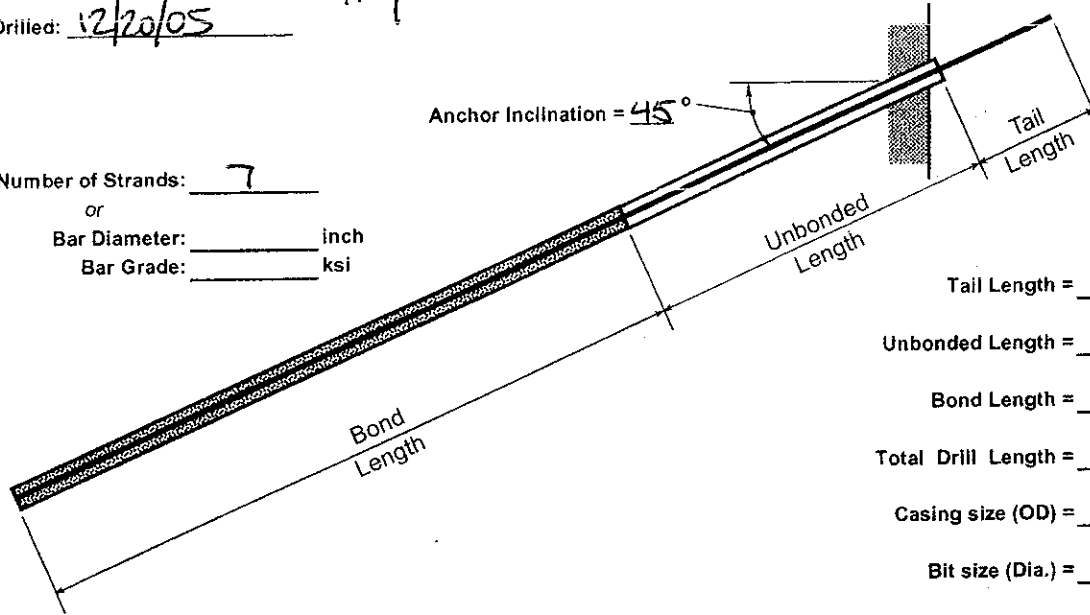
Vincent A. Mitchell
Print Name

Vincent A. Mitchell
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-14</u>	Design Load: <u>220</u> k
Job Name: <u>REPAIR - PHASE II</u>	Installed Date: <u>12/20/05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42nd St. & 11th Ave, NY, NY</u>	Drill Rig No: <u>Klemm - 806</u>	

 Date Drilled: 12/20/05

 Number of Strands: 7
 or
 Bar Diameter: _____ inch
 Bar Grade: _____ ksi

 Tail Length = 5 ft
 Unbonded Length = 29 ft
 Bond Length = 35 ft
 Total Drill Length = 65 ft
 Casing size (OD) = 133 in / mm
 Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12/20/05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>20</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

0-15' MISC fill

15'-24' Gy silt + f/sand

24'-26' RD. Bw Clayey silt

26'-65' Bedrock

SCANNED

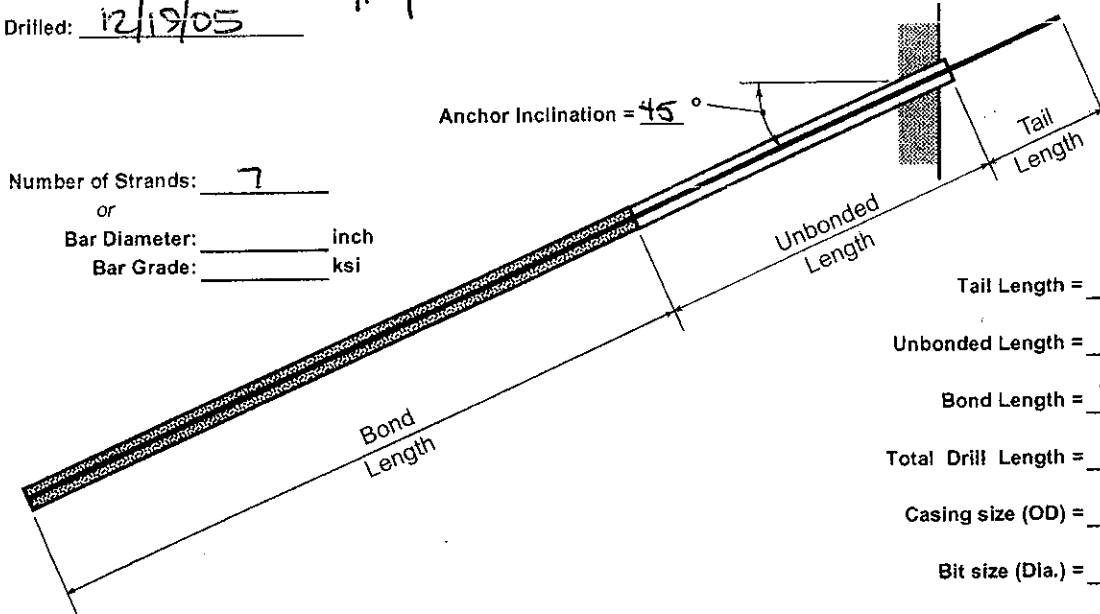
Recorded by:

Vincent A. Mitchell
 Print Name

Vincent A. Mitchell
 Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-15</u>	Design Load: <u>220 k</u>
Job Name: <u>RIVERPLACE - Phase II</u>	Installed Date: <u>12/19/05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42ND ST & 11TH AVE, NY, NY</u>	Drill Rig No: <u>Klemm-806</u>	
Date Drilled: <u>12/19/05</u>		



Tail Length = 5 ft
Unbonded Length = 29 ft
Bond Length = 35 ft
Total Drill Length = 65 ft
Casing size (OD) = 133 in / mm
Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12/19/05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>20</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

0-15' MISC fill

15'-26' Gy. Silt & f/sand

26'-65' Bedrock

SCANNED

Recorded by:

Vincent A. Mitchell
Print Name

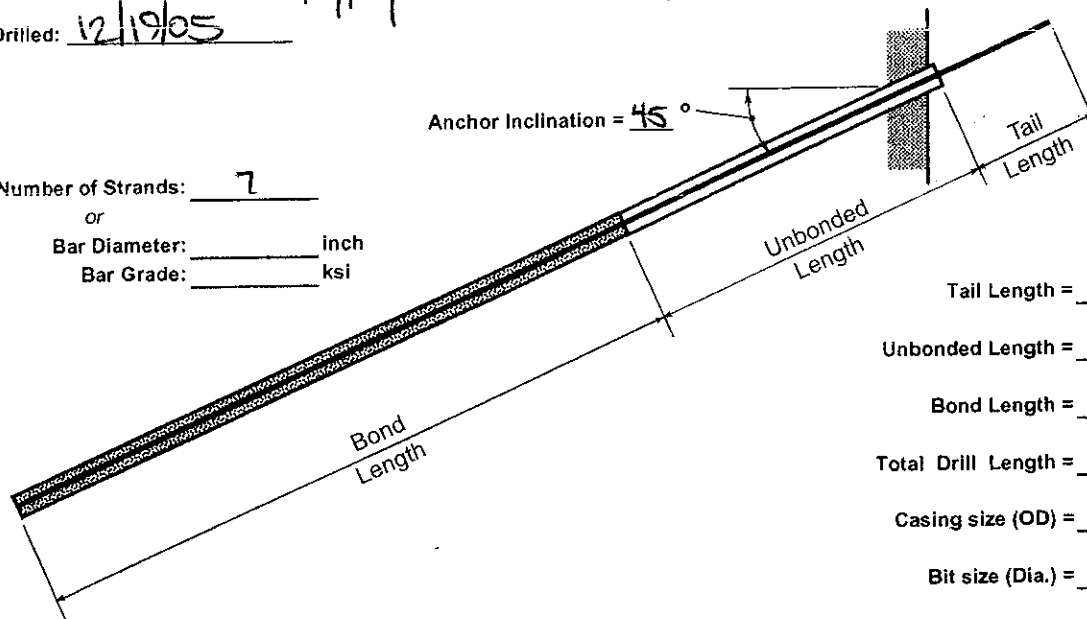
Vincent A. Mitchell
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-16</u>	Design Load: <u>220 k</u>
Job Name: <u>RIVERPUKE - PHASE II</u>	Installed Date: <u>12/19/05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42ND St. & 11TH AVE, NY, NY</u>	Drill Rig No: <u>Klemm - 806</u>	

Date Drilled: 12/19/05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = 29 ft
Bond Length = 35 ft
Total Drill Length = 65 ft
Casing size (OD) = 133 in / mm
Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12/19/05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>20</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

0-15' misc. fill
15'-26' Gy. silt & f/sand
26'-65' Bedrock

SCANNED

Recorded by:

Vincent A. Mitchell
Print Name

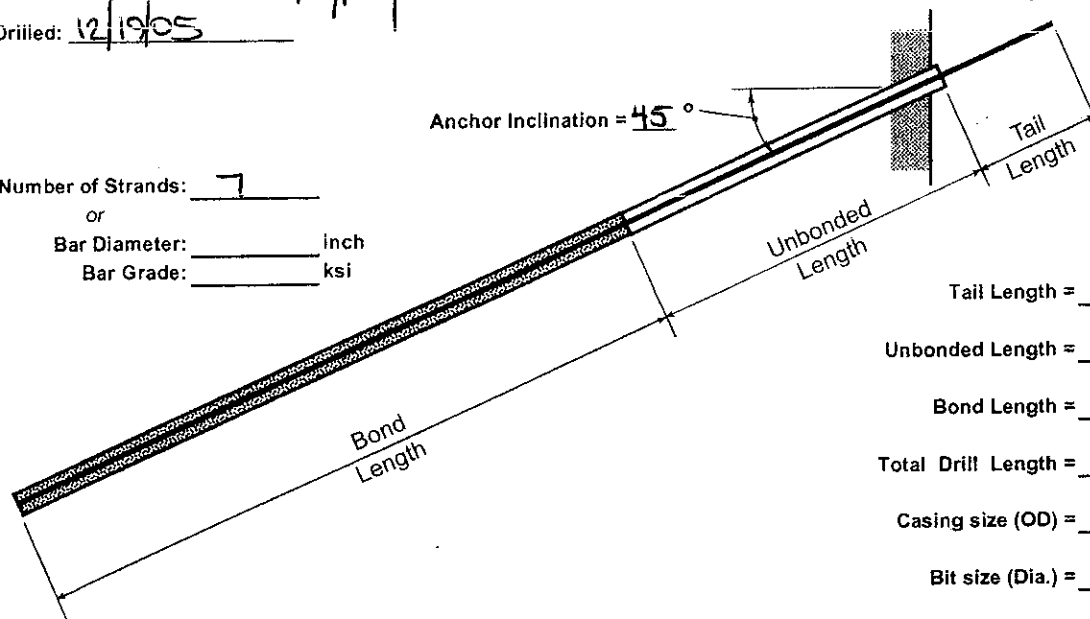
Vincent A. Mitchell
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-17</u>	Design Load: <u>220 k</u>
Job Name: <u>REINFORCE PHASE II</u>	Installed Date: <u>12/19/05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42ND ST + 11TH AVE, NY, NY</u>	Drill Rig No: <u>Klemm - 806</u>	

Date Drilled: 12/19/05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = 29 ft
Bond Length = 35 ft
Total Drill Length = 65 ft
Casing size (OD) = 133 in / mm
Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12/19/05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>20</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

0-15' MISC. fill
15'-30' Gy silt & f/sand
30'-35' RD. BU clayey silt
35'-65' Bedrock

SCANNED

Recorded by:

Vincent A. Mitchell
Print Name

Vincent A. Mitchell
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-18</u>	Design Load: <u>220 k</u>
Job Name: <u>REINFORCE - PHASE II</u>	Installed Date: <u>12/17/05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42nd St. 11th Ave, NY, NY</u>	Drill Rig No: <u>Klemm - 806</u>	
Date Drilled: <u>12/17/05</u>		

Number of Strands: 7

or

Bar Diameter: _____ inch

Bar Grade: _____ ksi

Anchor Inclination = 45°

Tail Length = 5 ft

Unbonded Length = 29 ft

Bond Length = 35 ft

Total Drill Length = 65 ft

Casing size (OD) = 133 in / mm

Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12/17/05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>20</u>			
Regrout Pressure:	<u>N/A</u> psi			
Drilling Conditions/Notes:				
<u>0-15' misc. fill</u>				
<u>15-30' Gy Silty + f/sand</u>				
<u>30-35' RD. BN clayey silt</u>				
<u>35-65' Bedrock</u>				
SCANNED				
Recorded by:	<u>Vincent A. Mitchell</u> Print Name	<u>Vincent A. Mitchell</u> Signature		

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-19</u>	Design Load: <u>220k</u>
Job Name: <u>RIVERVIEW PHASE II</u>	Installed Date: <u>12/17/05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42ND ST + 11TH AVE, NY, NY</u>	Drill Rig No: <u>Klemm-806</u>	
Date Drilled: <u>12/17/05</u>		

Number of Strands: 7

or

Bar Diameter: _____ inch

Bar Grade: _____ ksi

Anchor Inclination = 45°

Tail Length = 5 ft

Unbonded Length = 34 ft

Bond Length = 35 ft

Total Drill Length = 75 ft

Casing size (OD) = 133 in / mm

Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12/17/05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>20</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

0-15' misc. fill

15'-30' Gy. silt + f/sand

30'-35' RD. BN clayey silt f/m/c sand & gravel. sm. cobbles

35'-75' Bedrock

SCANNED

Recorded by:

Vincent A. Mitchell
Print Name

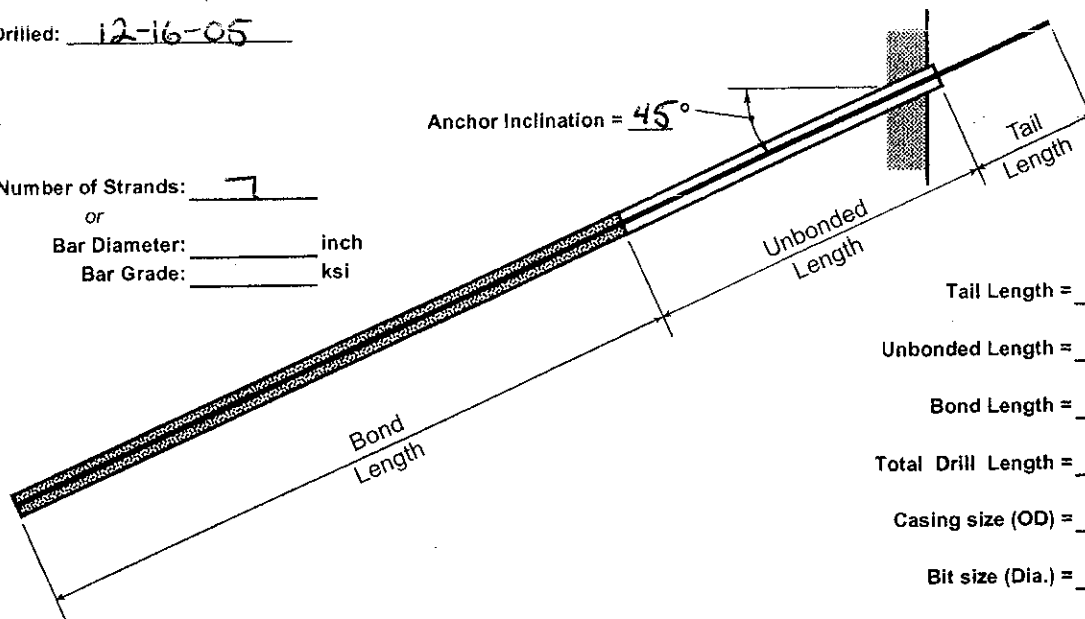
Vincent A. Mitchell
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-20</u>	Design Load: <u>220^k</u>
Job Name: <u>RIVERPLACE - PHASE II</u>	Installed Date: <u>12-16-05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42ND ST & 11TH AVE</u>	Drill Rig No: <u>Klemm - 806</u>	

Date Drilled: 12-16-05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = 50 ft
Bond Length = 25 ft
Total Drill Length = 80 ft
Casing size (OD) = 133 in / mm
Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12-16-04</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>28</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:
0-15' Rip Rap fill (Quartz boulders) 1 1/2 hrs drill time
15'-30' Gy silt & f/sand
30'-35' ROBN silty clay f/m/c sand gravel cobbles & boulders
35'-80' Bedrock

SCANNED

Recorded by:

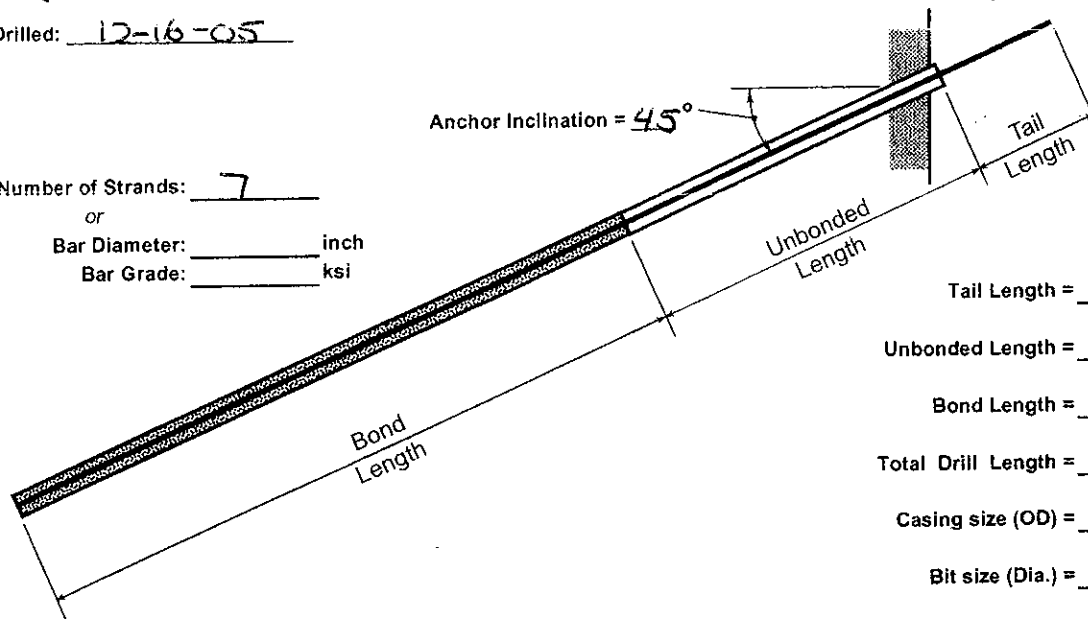
Vincent A. Mitchell
Print Name

Vincent A. Mitchell
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-21</u>	Design Load: <u>220 k</u>
Job Name: <u>RIVERDALE - PHASE II</u>	Installed Date: <u>12-16-05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42nd St. & 11th Ave</u>	Drill Rig No: <u>Klemm - 806</u>	

 Date Drilled: 12-16-05

 Number of Strands: 7
 or
 Bar Diameter: _____ inch
 Bar Grade: _____ ksi

 Tail Length = 5 ft
 Unbonded Length = 50 ft
 Bond Length = 30 ft
 Total Drill Length = 80 ft
 Casing size (OD) = 133 in / mm
 Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12-16-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>24</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

0-15' R.P RAP fill (Quartz boulders) 1 1/2 hrs
 15'-30' gy. silty f/sand
 30'-35' RDBU silty clay f/m/c sand & gravel cobbles & boulders
 35'-80' bedrock

SCANNED

Recorded by:

Vincent A. Mitchell
 Print Name

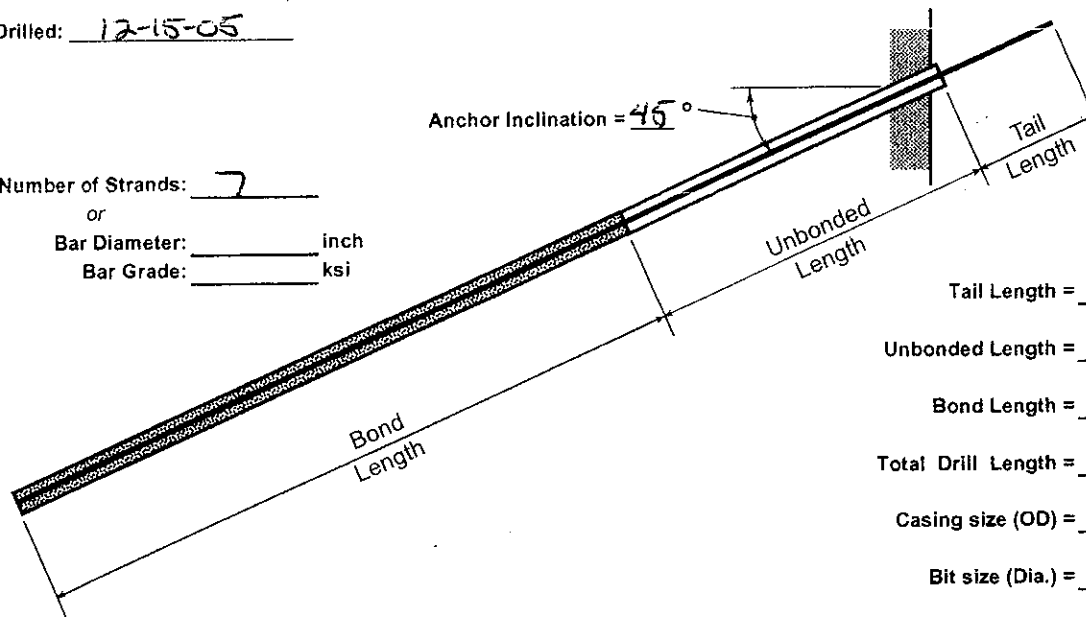
Vincent A. Mitchell
 Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-22</u>	Design Load: <u>220 k</u>
Job Name: <u>LINEPLACE-PHASE II</u>	Installed Date: <u>12-16-05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42ND St & 11TH Ave</u>	Drill Rig No: <u>Klemm-806</u>	

Date Drilled: 12-15-05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi

Tail Length = 5 ftUnbonded Length = 50 ftBond Length = 30 ftTotal Drill Length = 80 ftCasing size (OD) = 133 in / mmBit size (Dia.) = 4 in / mm**GROUTING RECORD**

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12-16-04</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

0-15' riprap fill (Quartz boulders) 1 1/2 hours15'-30' gy silt & f/sand30'-44' RDBN silty clay f/m/c sand & gravel cobbles & boulders44'-80' bedrock**SCANNED**

Recorded by:

Vincent A. Mitchell
Print NameVincent A. Mitchell
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-23</u>	Design Load: <u>220 k</u>
Job Name: <u>RIVERPLACE - PHASE II</u>	Installed Date: <u>12-15-05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42ND ST & 11TH AVE</u>	Drill Rig No: <u>Klemm - 806</u>	
Date Drilled: <u>12-15-05</u>		

Number of Strands: 7

or

Bar Diameter: _____ inch

Bar Grade: _____ ksi

Anchor Inclination = 45°

Tail Length = 5 ft

Unbonded Length = ~~35~~ 50 ft

Bond Length = 25 ft

Total Drill Length = 80 75 ft

Casing size (OD) = 133 in / mm

Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12-15-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

0-15' misc. fill
15'-30' gy. silt & f/sand
30'-53' RD.BN. silty clay cobbles & boulders
53'-~~75~~ bedrock

SCANNED

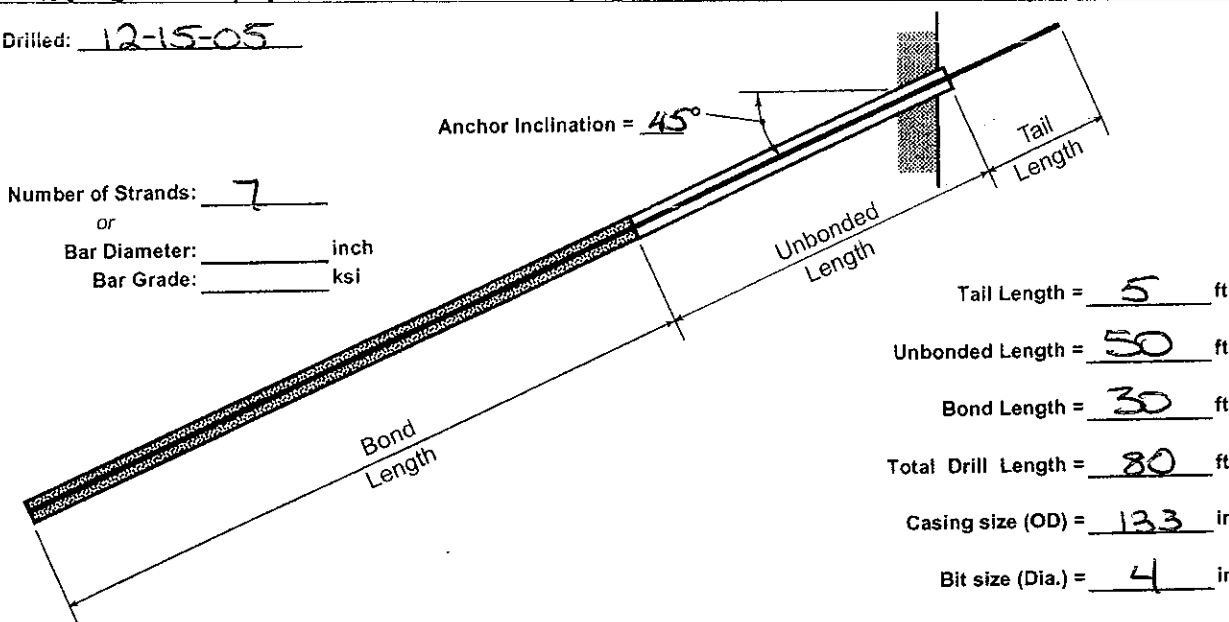
Recorded by:

Vincent A. Mitchell
Print Name

Vincent A. Mitchell
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-24</u>	Design Load: <u>220 k</u>
Job Name: <u>RIVERDALE - PHASE II</u>	Installed Date: <u>12-15-05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42ND St & 11TH Ave</u>	Drill Rig No: <u>Klemm-806</u>	

 Date Drilled: 12-15-05


Tail Length = 5 ft
 Unbonded Length = 50 ft
 Bond Length = 30 ft
 Total Drill Length = 80 ft
 Casing size (OD) = 133 in / mm
 Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12-15-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

0-15' misc. fill
15'-30' gy silt & f/sand
30'-53' RD BN silty clay & cobbles, boulders
53'-80' bedrock

SCANNED

Recorded by:

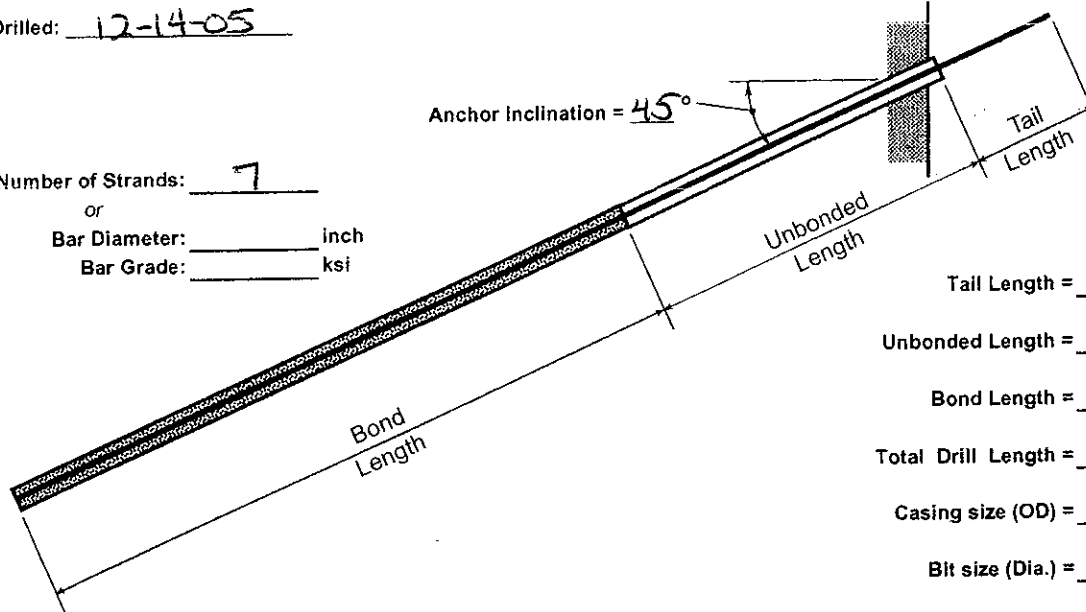
Vincent A. Mitchell
 Print Name

Vincent A. Mitchell
 Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-25</u>	Design Load: <u>220 k</u>
Job Name: <u>RIVERPUCE-PHASE II</u>	Installed Date: <u>12-14-05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42ND & 11TH AVE</u>	Drill Rig No:	

 Date Drilled: 12-14-05

 Number of Strands: 7
 or
 Bar Diameter: _____ inch
 Bar Grade: _____ ksi

 Tail Length = 5 ft
 Unbonded Length = 50 ft
 Bond Length = 30 ft
 Total Drill Length = 80 ft
 Casing size (OD) = 133 in / mm
 Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12-14-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>20</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

0-15' misc. fill
15'-30' gy silt & sand
30'-53' RD BN silty clay cobbles & boulders
53'-80' bedrock

SCANNED

Recorded by:

Vincent A. Mitchell
 Print Name

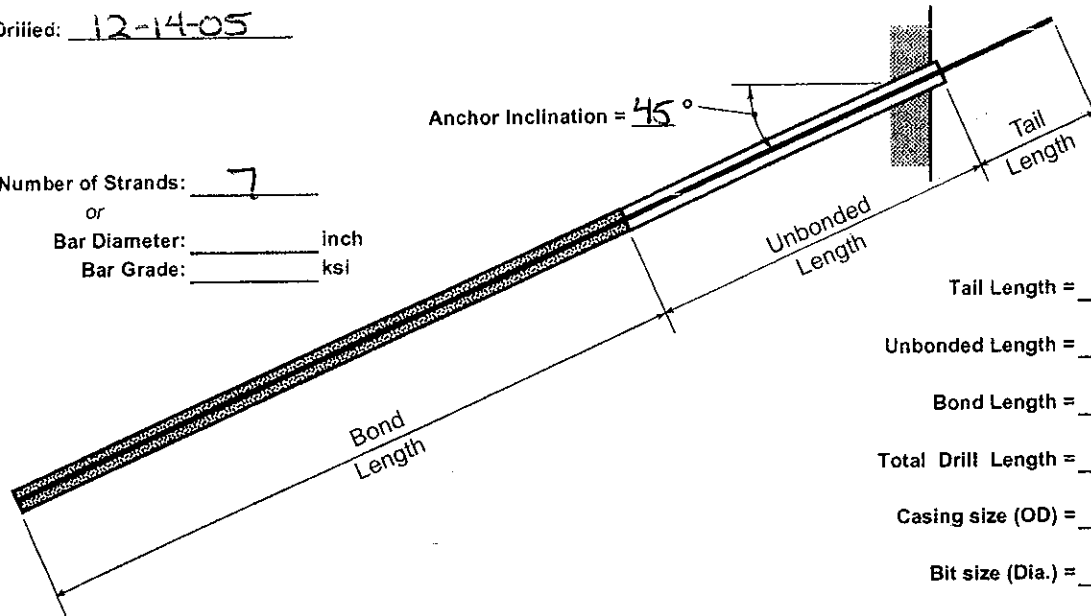
Vincent A. Mitchell
 Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-26</u>	Design Load: <u>220 k</u>
Job Name: <u>RIVERDANCE - PHASE II</u>	Installed Date: <u>12-14-05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42nd St. & 11th Ave.</u>	Drill Rig No: <u>Klemm - 806</u>	

Date Drilled: 12-14-05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = 50 ft
Bond Length = 30 ft
Total Drill Length = 80 ft
Casing size (OD) = 133 in / mm
Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12-14-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

0-15' riprap fill
15'-30' gy silt & f/sand
30'-53' RDBN silty clay cobbles & boulders
53'-80' bedrock

SCANNED

Recorded by:

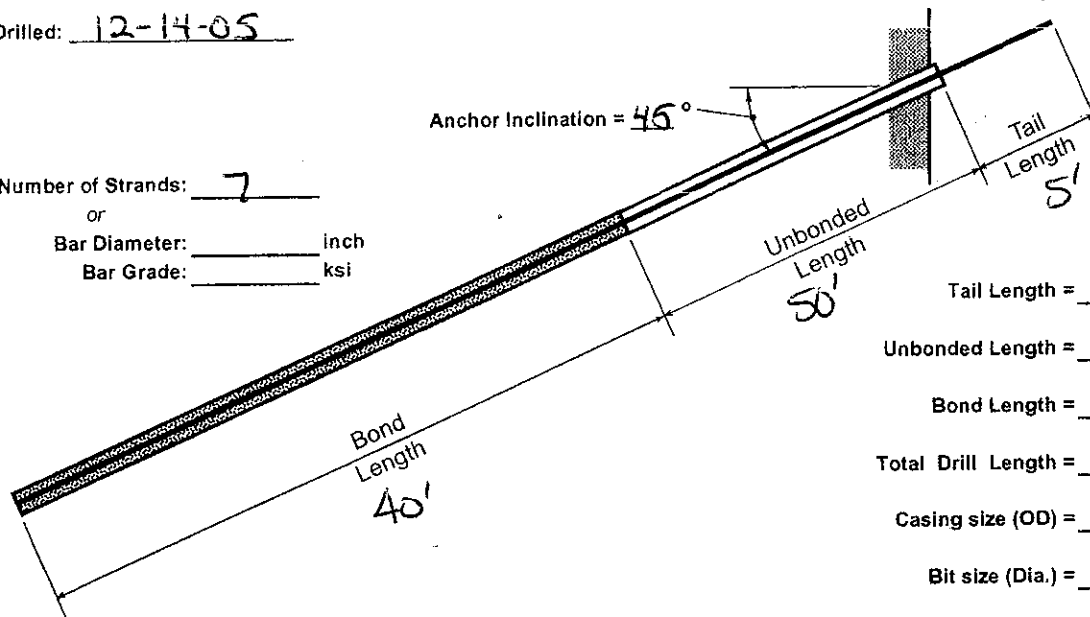
Vincent A. Mitchell
Print NameVincent A. Mitchell
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-27</u>	Design Load: <u>220 k</u>
Job Name: <u>ENERGY - PHASE II</u>	Installed Date: <u>12-14-05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42nd St & 11th Ave</u>	Drill Rig No: <u>Kemm -806</u>	

Date Drilled: 12-14-05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = 50 ft
Bond Length = 40 ft
Total Drill Length = 90 ft
Casing size (OD) = 133 in / mm
Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12-14-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>24</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

0-15' riprap fill (Quartz boulders)
15'-30' gy silt & f/sand
30'-56' RD.BN silty clay cobbles & boulders
56'-90' bedrock

SCANNED

Recorded by:

Vincent A. Mitchell
Print Name

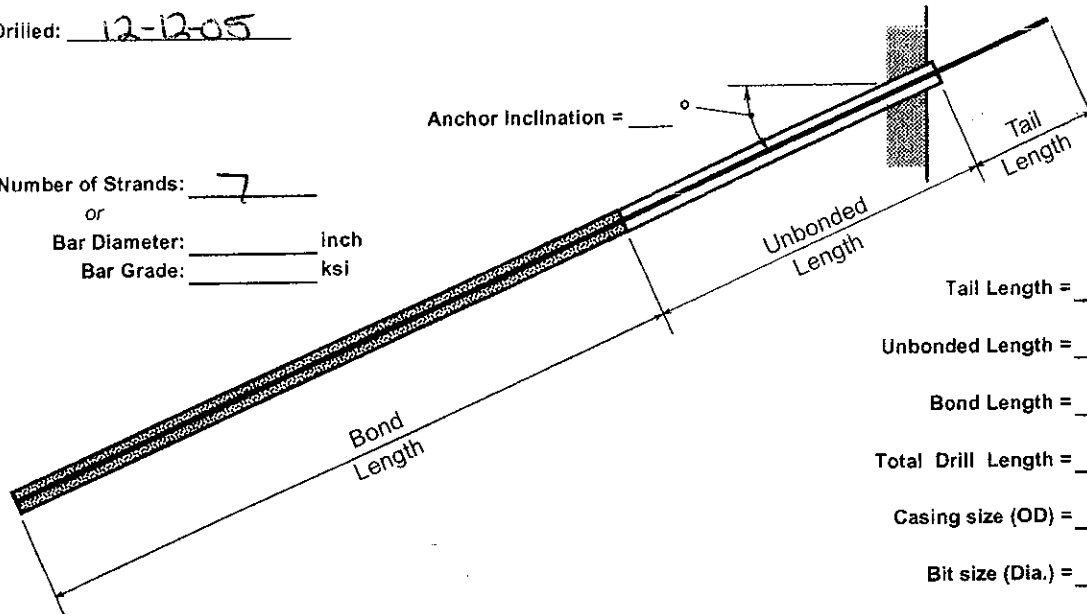
Vincent A. Mitchell
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-28</u>	Design Load: <u>220k</u>
Job Name: <u>RIVERPLACE - PHASE II</u>	Installed Date: <u>12-12-05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42ND ST + 11TH AVE</u>	Drill Rig No: <u>Klemm - 806</u>	

Date Drilled: 12-12-05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = 55 ft
Bond Length = 35 ft
Total Drill Length = 90 ft
Casing size (OD) = 133 in / mm
Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12-12-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

0-12' misc. fill
12'-30' gy silt & f/ sand
30'-53' RD. BW. silty clay cobbles & boulders
53'-90' bedrock

SCANNED

Recorded by:

Vincent A. Mitchell
Print Name

Vincent A. Mitchell
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-30 29</u>	Design Load: <u>220 k</u>
Job Name: <u>RISEPLACE - PHASE II</u>	Installed Date: <u>12-10-05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42ND St. & 11TH Ave</u>	Drill Rig No: <u>Klemm - 806</u>	
Date Drilled: <u>12-10-05</u>		

Number of Strands: 7

or

Bar Diameter: _____ inch

Bar Grade: _____ ksi

Tail Length = 5 ft

Unbonded Length = 55 ft

Bond Length = 35 ft

Total Drill Length = 90 ft

Casing size (OD) = 133 in / mm

Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12-10-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

0-12' f/m sand & gravel. brick misc. fill

12'-30' gy silt & f/sand

30'-53' rd. bn. silty clay cobbles & boulders

53'-90' bedrock

SCANNED

Recorded by:

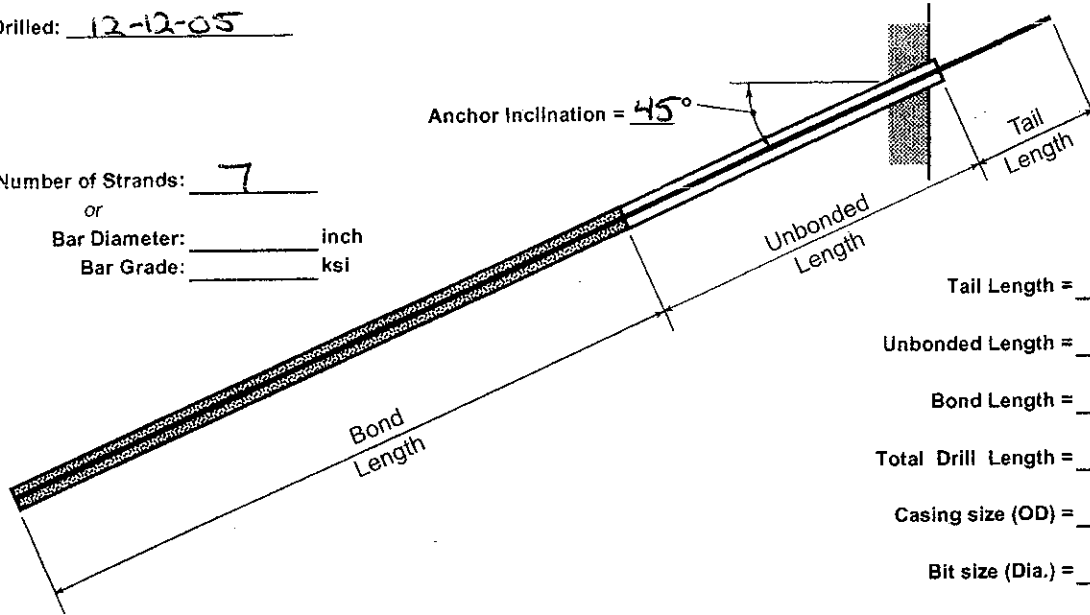
Vincent A. Mitchell
Print Name

Vincent A. Mitchell
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-30</u>	Design Load: <u>220k</u>
Job Name: <u>RIVERFACE - PHASE II</u>	Installed Date: <u>12-12-05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42ND ST. & 11TH AVE</u>	Drill Rig No: <u>Klemm-806</u>	

 Date Drilled: 12-12-05

 Number of Strands: 7
 or
 Bar Diameter: _____ inch
 Bar Grade: _____ ksi

 Tail Length = 5 ft
 Unbonded Length = 55 ft
 Bond Length = 35 ft
 Total Drill Length = 90 ft
 Casing size (OD) = 133 in / mm
 Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12-12-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

0'-12' misc. fill
 12'-30' gy silt & f/sand
 30'-53' RD. BN silty clay cobbles & boulders
 53'-90' bedrock

SCANNED

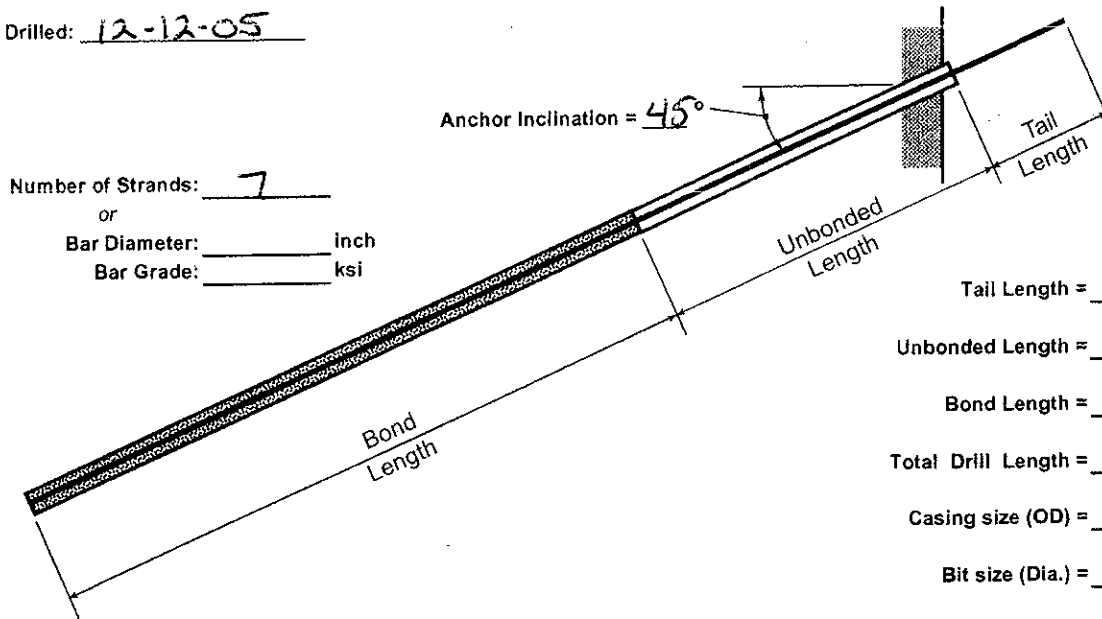
Recorded by:

Vincent A. Mitchell
 Print Name

Vincent A. Mitchell
 Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-31</u>	Design Load: <u>220k</u>
Job Name: <u>RIVERFACE - POND II</u>	Installed Date: <u>12-12-05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42nd & 11th St.</u>	Drill Rig No: <u>Klemm - 806</u>	

 Date Drilled: 12-12-05

 Tail Length = 5 ft

 Unbonded Length = 55 ft

 Bond Length = 35 ft

 Total Drill Length = 90 ft

 Casing size (OD) = 133 in / mm

 Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12-12-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

0-12' sand & gravel misc. fill
12'-30' gy silt & f/sand
30'-53' rd.bw. silty clay cobbles & boulders
53'-90' bedrock

SCANNED

Recorded by:

Vincent A. Mitchell
 Print Name

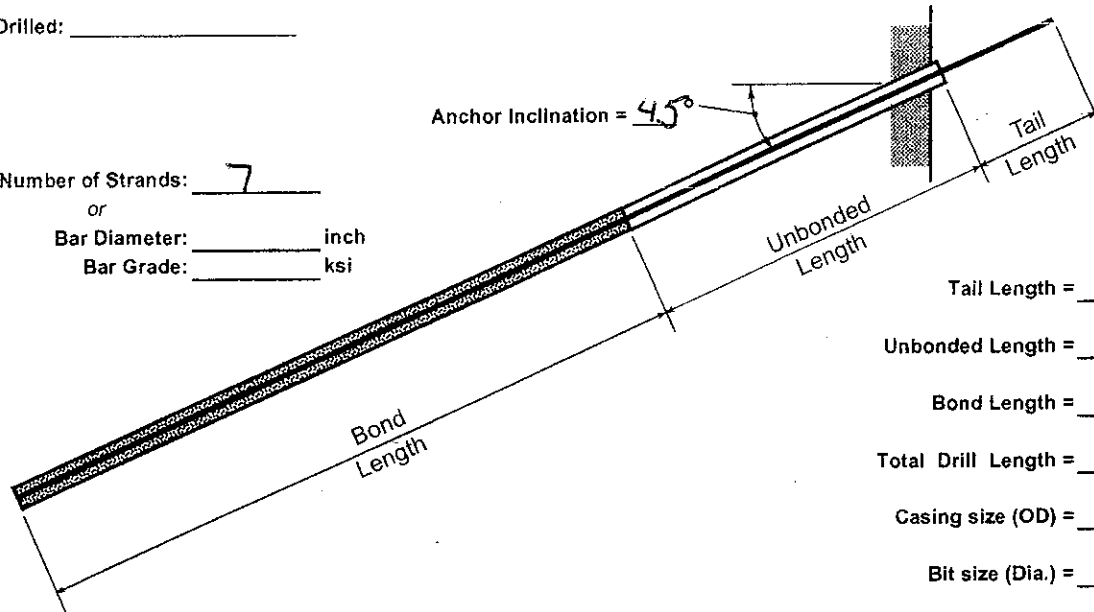
Vincent A. Mitchell
 Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-32</u>	Design Load: <u>220 k</u>
Job Name: <u>RIVERROCK-PHASE II</u>	Installed Date: <u>12-10-05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42nd St + 11th Ave</u>	Drill Rig No: <u>Klemm-806</u>	

Date Drilled: _____

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5' ft
Unbonded Length = 50 ft
Bond Length = 35 ft
Total Drill Length = 85' ft
Casing size (OD) = 133 in / mm
Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12-10-05</u>	_____	_____	_____
Break Pressure:	<u>N/A</u> psi	_____ psi	_____ psi	_____ psi
No. of 94lb Bags:	<u>14</u>	_____	_____	_____
Regrout Pressure:	<u>N/A</u> psi	_____ psi	_____ psi	_____ psi

Drilling Conditions/Notes:

0'-12' f/m sand and gvl. brick misc. fill
12'-30' gy silt + f/sand
30'-53' red brn. silty clay cobbles and boulders
53'-85' bedrock

SCANNED

Recorded by:

Vincent A. Mitchell
Print Name

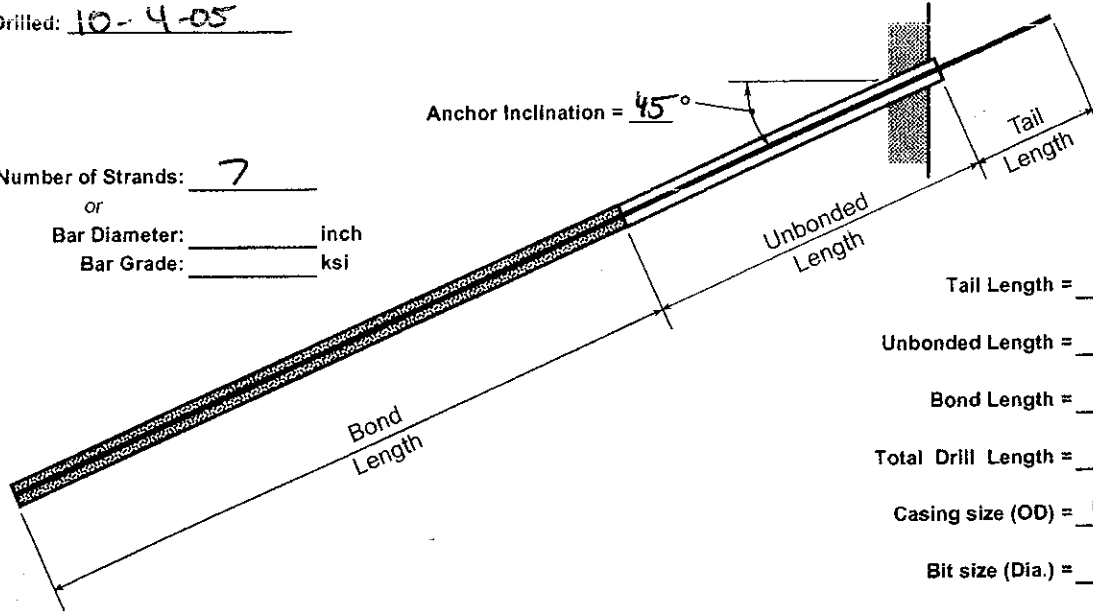
Vincent A. Mitchell
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T33</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>10-4-05</u>	Driller: <u>Vinnie Mitchell</u>
Location: <u>600 W. 42nd St. Manhattan</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 10-4-05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = 45 ft
Bond Length = 35 ft
Total Drill Length = 80 ft
Casing size (OD) = 133 in / mm
Bit size (Dia.) = 4 1/8 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>10-4-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

35' Rock Socket

SCANNED

Recorded by:

Jason

Print Name

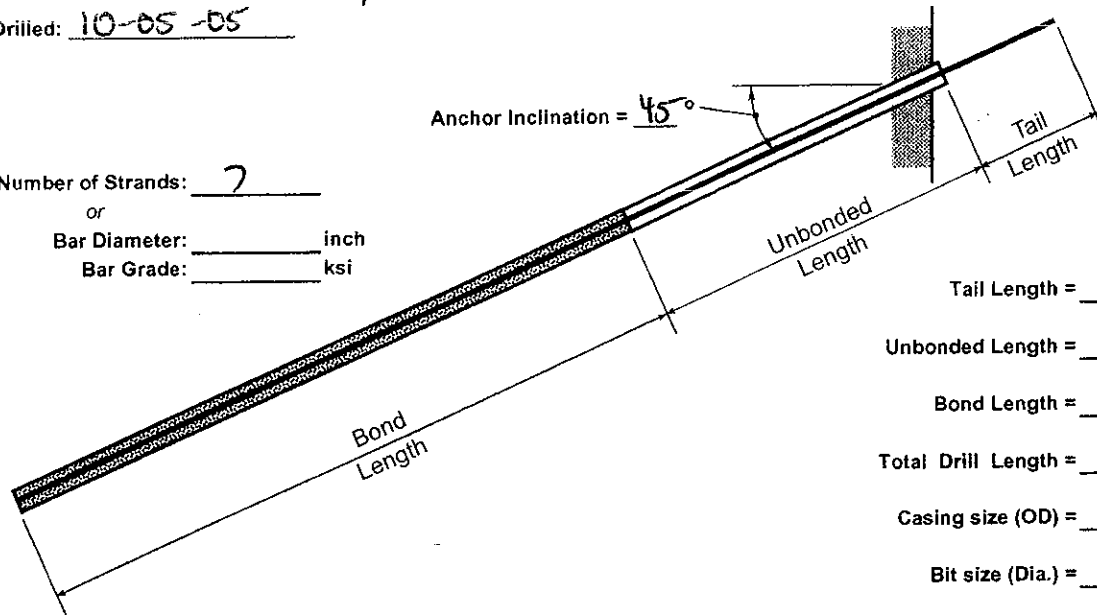
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T34</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>10-05-05</u>	Driller: <u>Vinnie Mitchell</u>
Location: <u>600 W. 42nd Manhattan NY</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 10-05-05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = 45 ft
Bond Length = 35 ft
Total Drill Length = 80 ft
Casing size (OD) = 133 in / mm
Bit size (Dia.) = 4 1/8 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>10-05-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>15</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

35' Rock socket**SCANNED**

Recorded by:

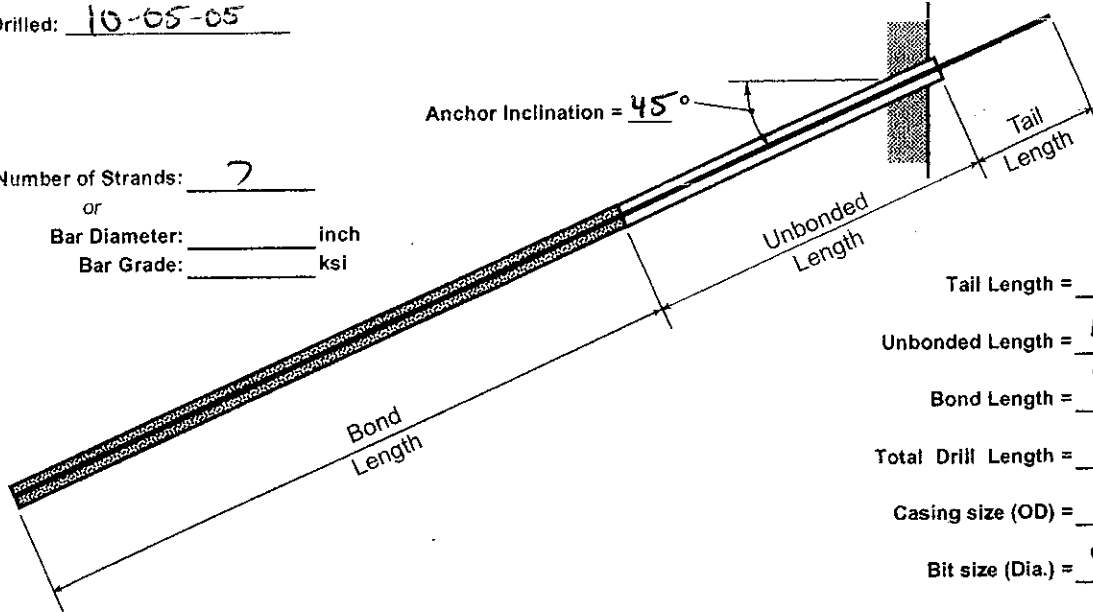
Jason LaRue
Print Name[Signature]
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T35</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>10-05-05</u>	Driller: <u>Vinnie Mitchell</u>
Location: <u>600W. 42nd St., Manhattan</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 10-05-05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = 45 ft
Bond Length = 35 ft
Total Drill Length = 80 ft
Casing size (OD) = 133 in / mm
Bit size (Dia.) = 4 1/8 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>10-05-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>15</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

35' Rock Socket

SCANNED

Recorded by:

Jason LaRue

Print Name

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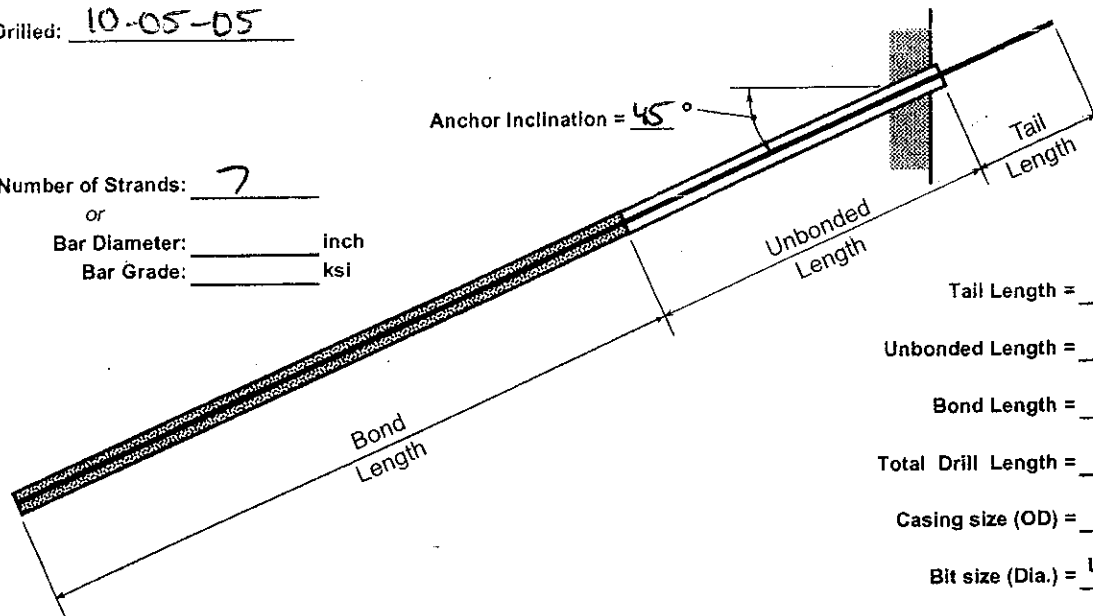
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ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T36</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>10-05-05</u>	Driller: <u>Vinnie Mitchell</u>
Location: <u>600 W. 42nd St. Manhattan</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 10-05-05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = 45 ft
Bond Length = 35 ft
Total Drill Length = 80 ft
Casing size (OD) = 133 in (mm)
Bit size (Dia.) = 4 1/8 in (mm)

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>10-05-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>15</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

35' Rock socket

SCANNED

Recorded by:

Jason LaRue
Print Name

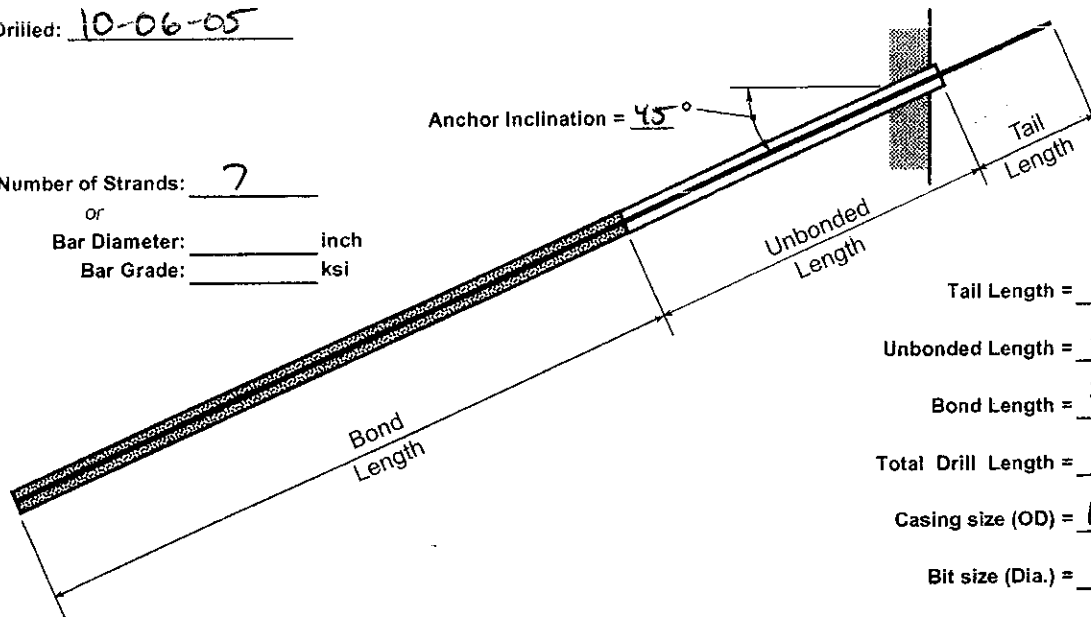
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ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T 37</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>10-06-05</u>	Driller: <u>Vinnie Mitchell</u>
Location: <u>600 W. 42nd St. Manhattan</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 10-06-05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = 45 ft
Bond Length = 35 ft
Total Drill Length = 80 ft
Casing size (OD) = 133 in / (mm)
Bit size (Dia.) = 4 1/8 in (mm)

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>10-06-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>15</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

35' Rock Socket

SCANNED

Recorded by:

Jason LaRue
Print Name

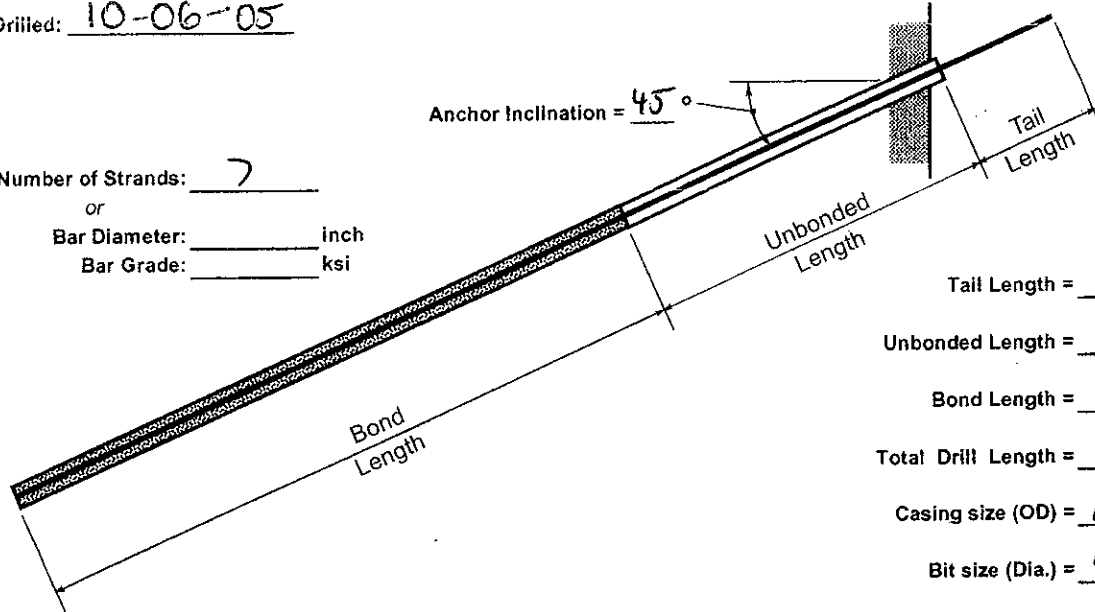
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ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T 38</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>10-06-05</u>	Driller: <u>Vinnie Mitchell</u>
Location: <u>600 W. 42nd St. Manhattan</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 10-06-05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = 45 ft
Bond Length = 35 ft
Total Drill Length = 80 ft
Casing size (OD) = 133 in / mm
Bit size (Dia.) = 4 1/8 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>10-06-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>15</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

35' Rock Socket

SCANNED

Recorded by:

Jason LaRue
Print Name

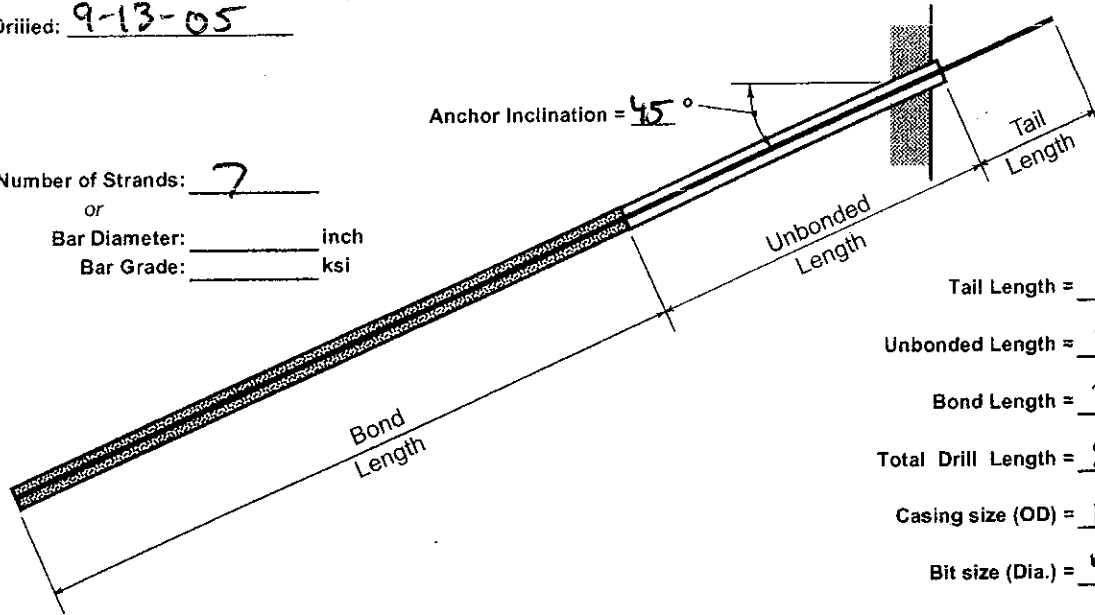
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ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T 39</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>9-13-05</u>	Driller: <u>Vinnie Mitchell</u>
Location: <u>600 W. 42nd St. Manhattan, NY</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 9-13-05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = 45 ft
Bond Length = 35 ft
Total Drill Length = 85 ft
Casing size (OD) = 133 in / mm
Bit size (Dia.) = 4 1/8 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>9-13-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>13</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

35' Rock socket.

SCANNED

Recorded by:

Jason LaRue
Print Name

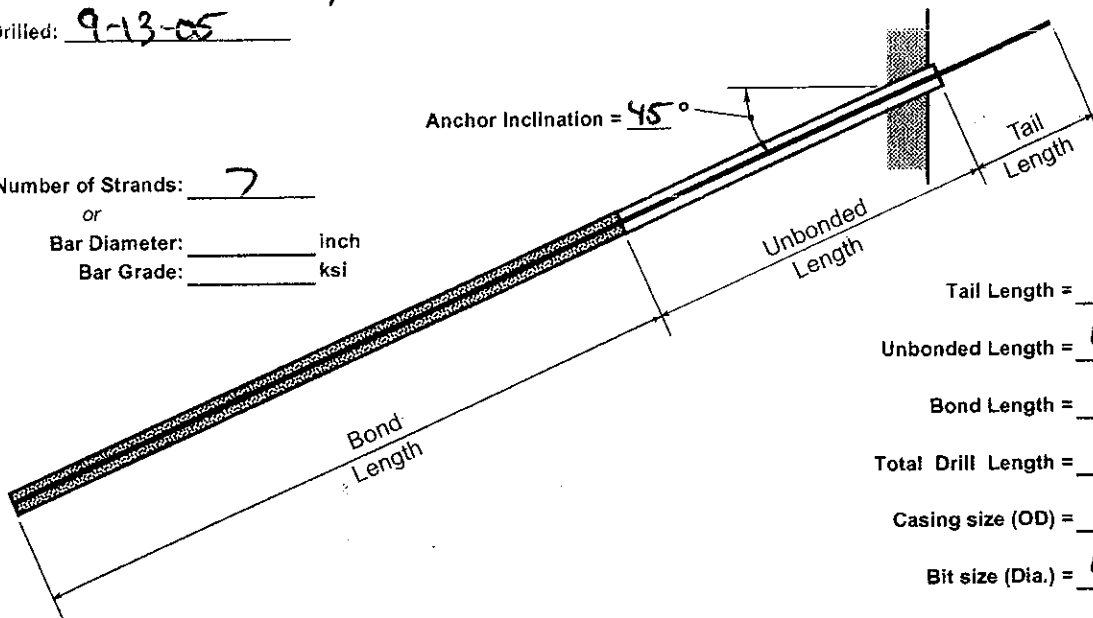
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ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T 40</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>9-13-05</u>	Driller: <u>Vinnie Mitchell</u>
Location: <u>600 W. 42nd St. Manhattan, NY</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 9-13-05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = ~~45~~ 45 ft
Bond Length = 35 ft
Total Drill Length = ~~80~~ 80 ft
Casing size (OD) = 133 in / 6m
Bit size (Dia.) = 4-1/8 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>9-13-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>15 13</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

35' Rock Socket.

SCANNED

Recorded by:

Jason LaRue
Print Name

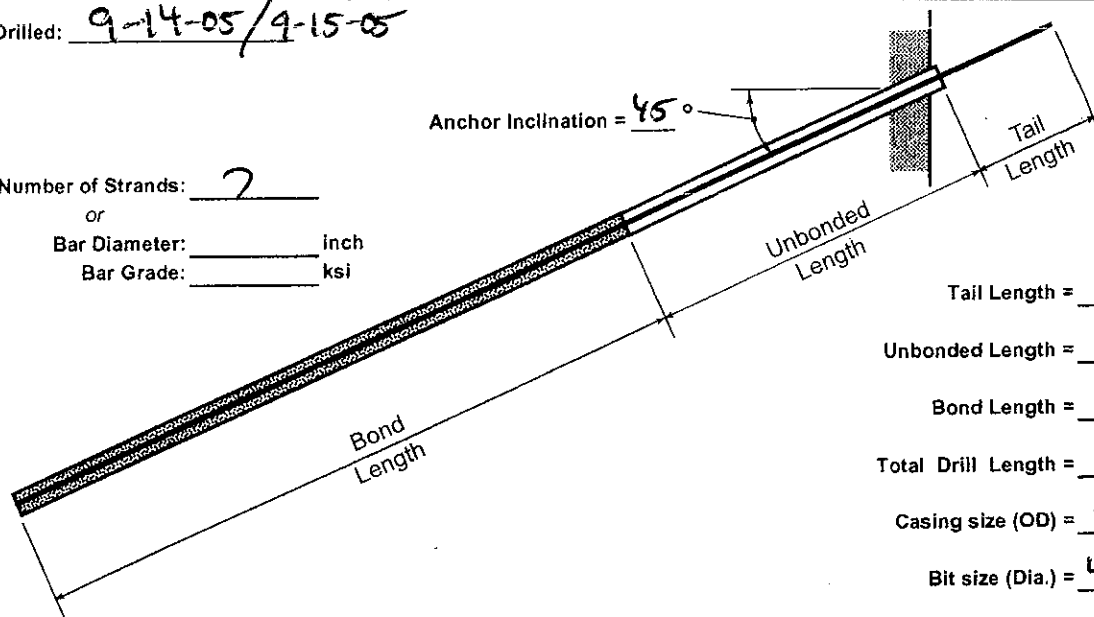
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ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T 41</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>9-14-05/9-15-05</u>	Driller: <u>Vinnie Mitche II</u>
Location: <u>600W 42nd St Manhattan, NY</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 9-14-05/9-15-05

Number of Strands: 2
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = ~~45~~ 45 ft
Bond Length = 35 ft
Total Drill Length = ~~85~~ 80 ft
Casing size (OD) = 133 in (mm)
Bit size (Dia.) = 4 1/8 in (mm)

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>9-14-05 / 9-14-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>11 + 10</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

- Bench was messed & rig was stuck on 9-13-05 (1 1/2 hour time)
- Drilled hole down, grouted hole, Installed anchor hung up just below bottom of casing. Pulled Anchor out & redrilled. Regrouted hole. Pulled & moved to next hole (9-14-05)
 - Redrilled hole

SCANNED

Recorded by:

Jason LaRue
Print Name

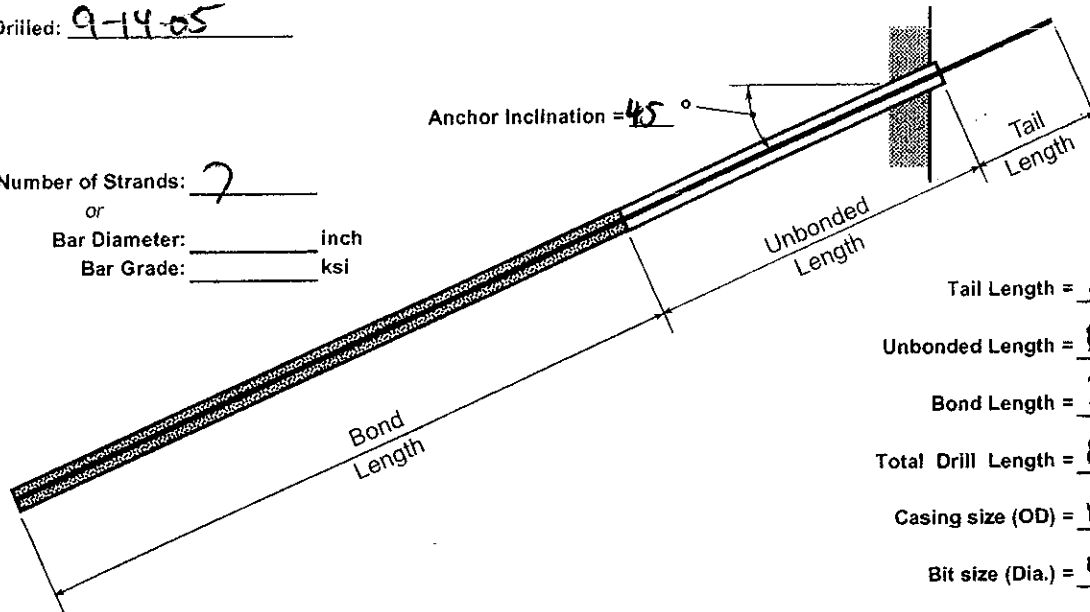
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ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T42</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>9-14-05</u>	Driller: <u>Vinnie Mitchell</u>
Location: <u>600 W. 42nd St. Manhattan, NY</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 9-14-05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = ~~50~~ 45 ft
Bond Length = 35 ft
Total Drill Length = 80 ft
Casing size (OD) = 133 in (mm)
Bit size (Dia.) = 4 1/8 in (mm)

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>9-14-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>13</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

35' of Rock

SCANNED

Recorded by:

Jason LaRue
Print Name

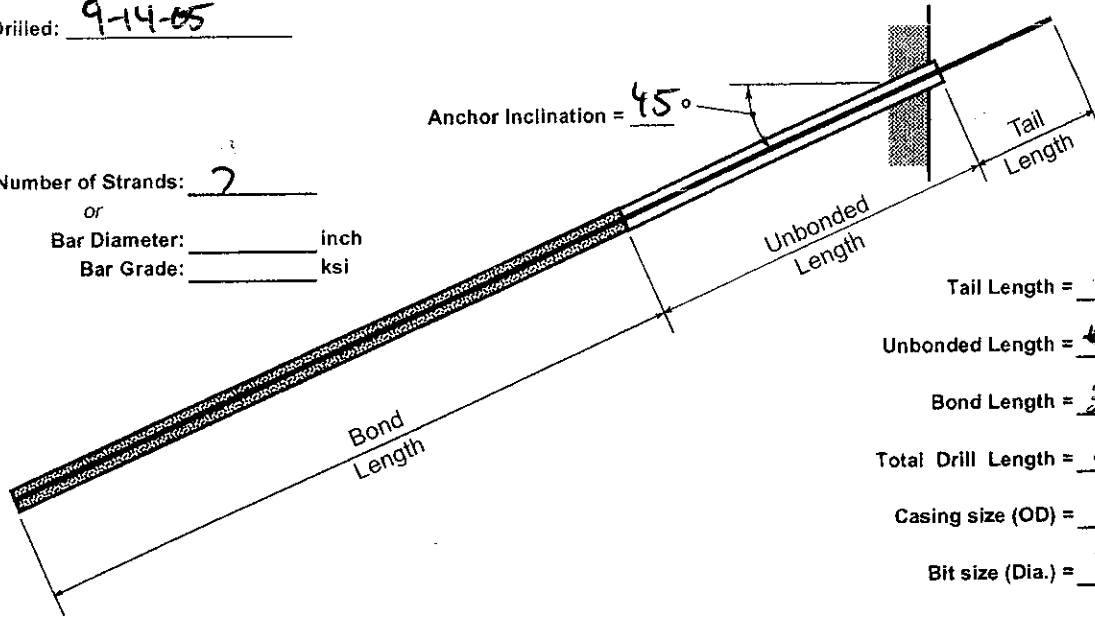
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ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T43</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>9-14-05</u>	Driller: <u>Vinnie Mitchell</u>
Location: <u>600 W 42nd St. Manhattan, NY</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 9-14-05

Number of Strands: 2
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = 45 ft
Bond Length = 35 ft
Total Drill Length = 80 ft
Casing size (OD) = 133 in / (mm)
Bit size (Dia.) = 4 1/8 in / (mm)

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>9-14-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>13</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

Rock sock 35'

SCANNED

Recorded by:

Jason LaRue
Print Name

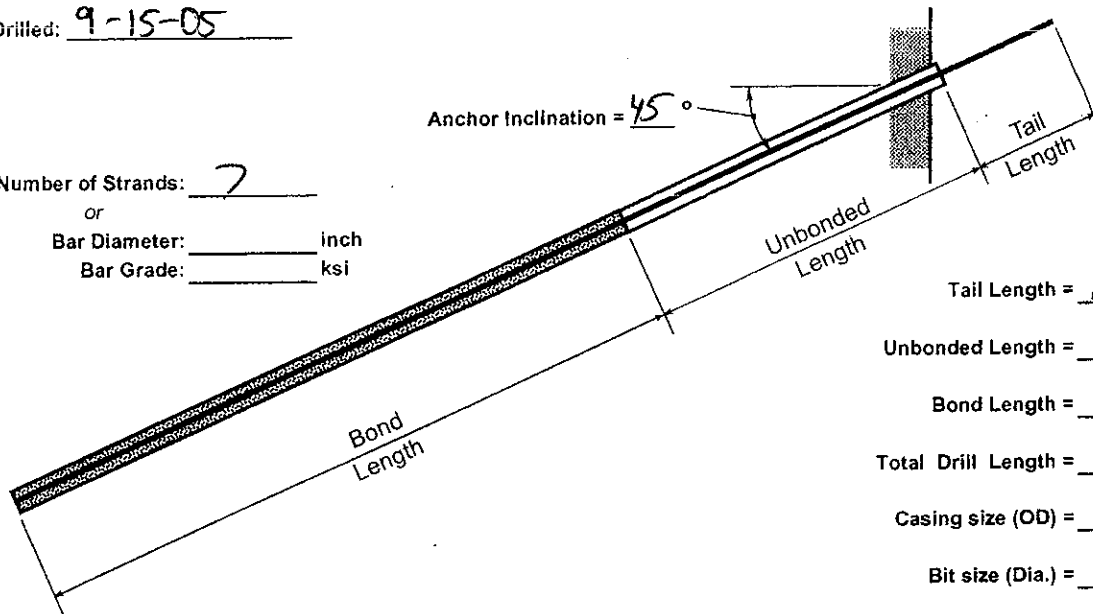
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ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-44</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>9-15-05</u>	Driller: <u>Brady Gaines / Vinnie Mitchell</u>
Location: <u>600 W. 42nd St. Manhattan</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 9-15-05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = 45 ft
Bond Length = 35 ft
Total Drill Length = 80 ft
Casing size (OD) = 133 in / mm
Bit size (Dia.) = 4 1/8 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>9-15-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

35' Rock socket

SCANNED

Recorded by:

Jason LaRue
Print Name

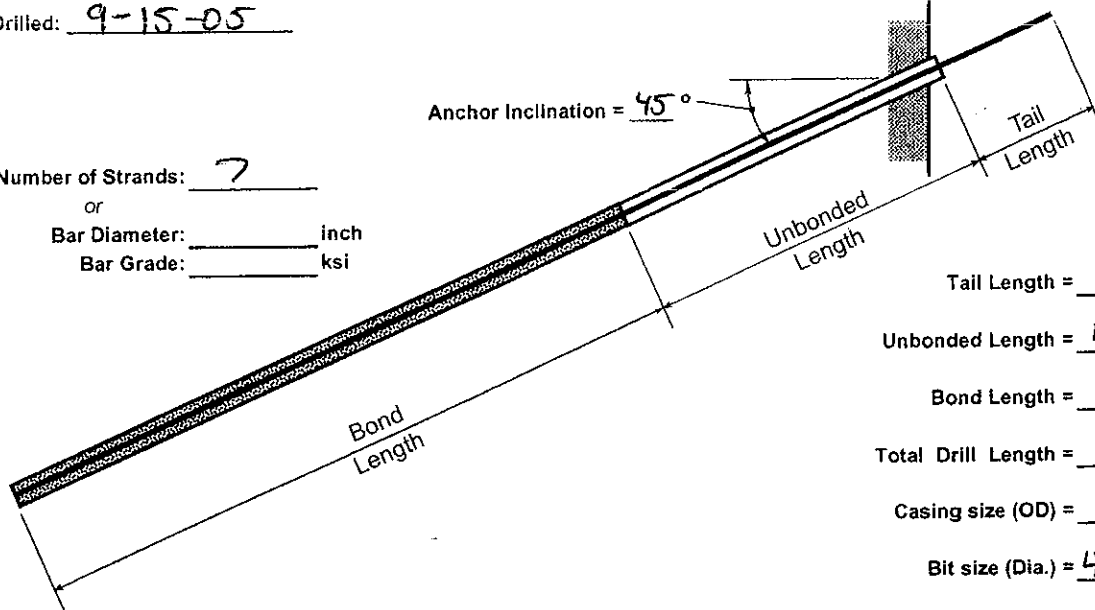
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ANCHOR INSTALLATION RECORD

Job No: <u>71-0124</u>	Anchor No: <u>T45</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>9-15-05</u>	Driller: <u>Brady Gaines</u>
Location: <u>600 W. 42nd St. Manhattan</u>	Drill Rig No: <u>Klemm 806</u>	<u>Vinnie Mitchell</u>

Date Drilled: 9-15-05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = 45 ft
Bond Length = 35 ft
Total Drill Length = 80 ft
Casing size (OD) = 133 in / mm
Bit size (Dia.) = 4 1/8 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>9-15-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

35' Rock Socket

SCANNED

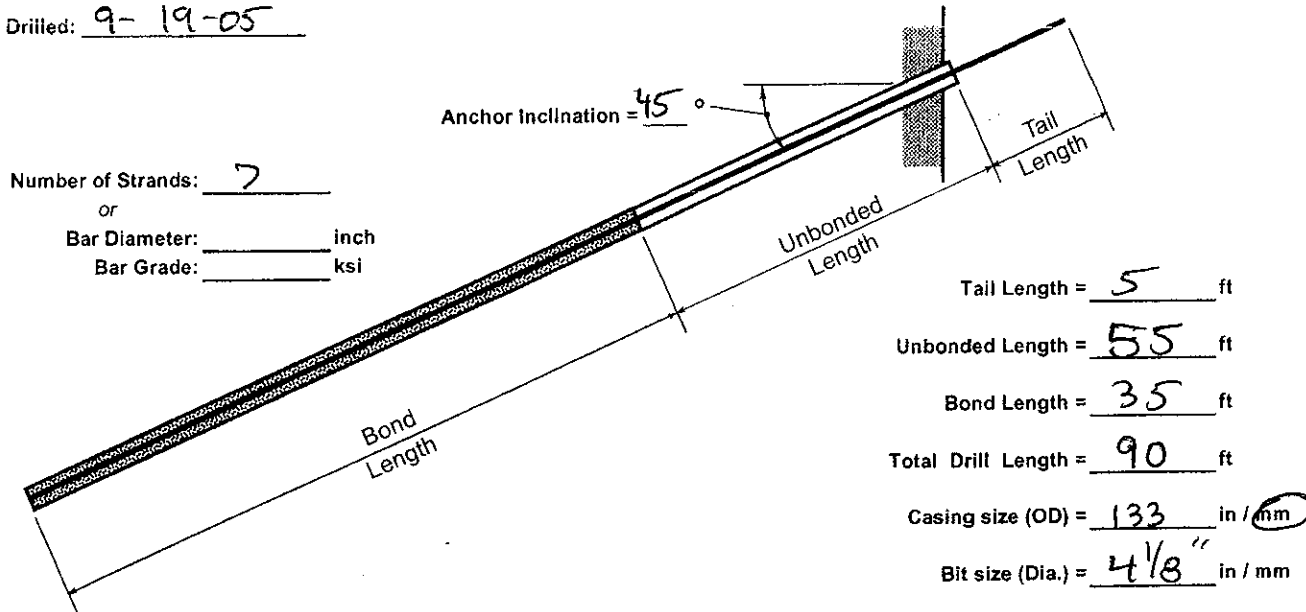
Recorded by:

Jason LaRue
Print Name

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ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T46</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>9-19-05</u>	Driller: <u>Brady Gaines</u> <u>Vinnie Mitchell</u>
Location: <u>600 W. 42nd St. Manhattan</u>	Drill Rig No: <u>Klemm 806</u>	
Date Drilled: <u>9-19-05</u>		



GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>9-19-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

35' Rock Socket

SCANNED

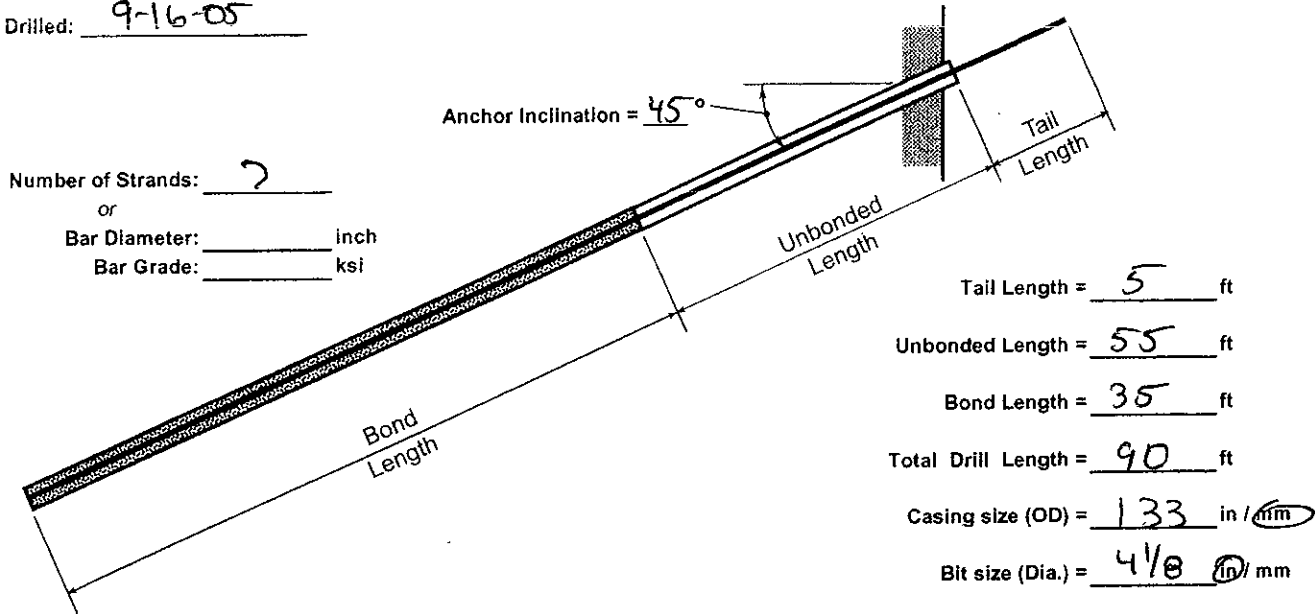
Recorded by:

Jason LaRue
Print Name

JRL
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T47</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>9-16-05</u>	Driller: <u>Brady Gaines / Vinnie Mitchel</u>
Location: <u>600 W. 42nd St. Manhattan</u>	Drill Rig No: <u>Klemm 806</u>	
Date Drilled: <u>9-16-05</u>		



GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>9-16-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

35' Rock Socket

SCANNED

Recorded by:

Jason LaRue
Print Name

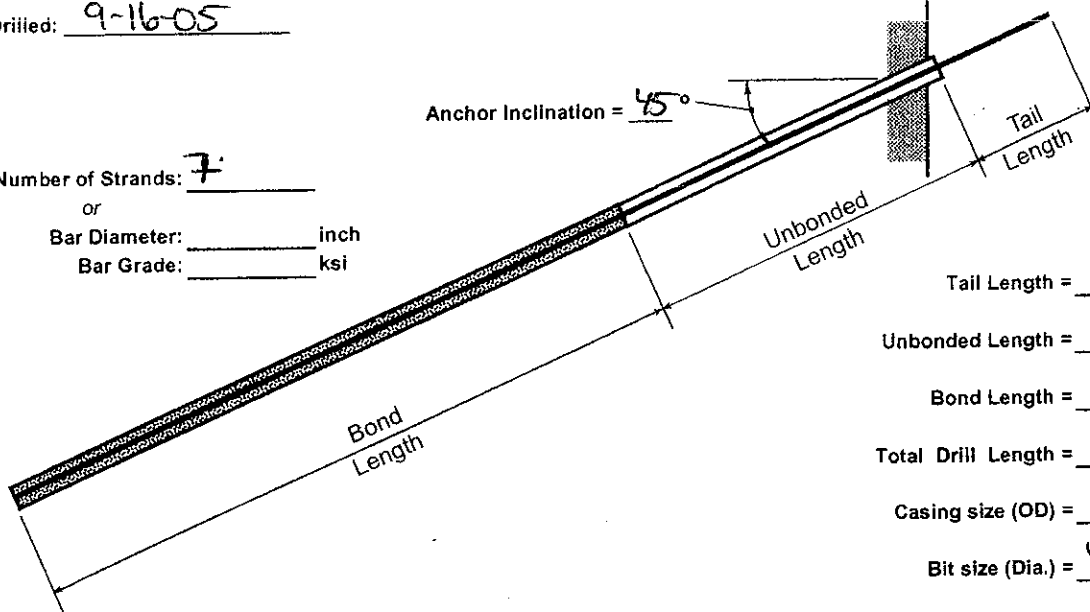
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ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-48</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>9-16-05</u>	Driller: <u>Brady Gaines/ Vinnie Mitchell</u>
Location: <u>600 W. 42nd St. Manhattan</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 9-16-05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = 55 ft
Bond Length = 35 ft
Total Drill Length = 90 ft
Casing size (OD) = 133 in / mm
Bit size (Dia.) = 4 1/8 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>9-16-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

35' Rock Socket

SCANNED

Recorded by:

Jason LaRue
Print Name

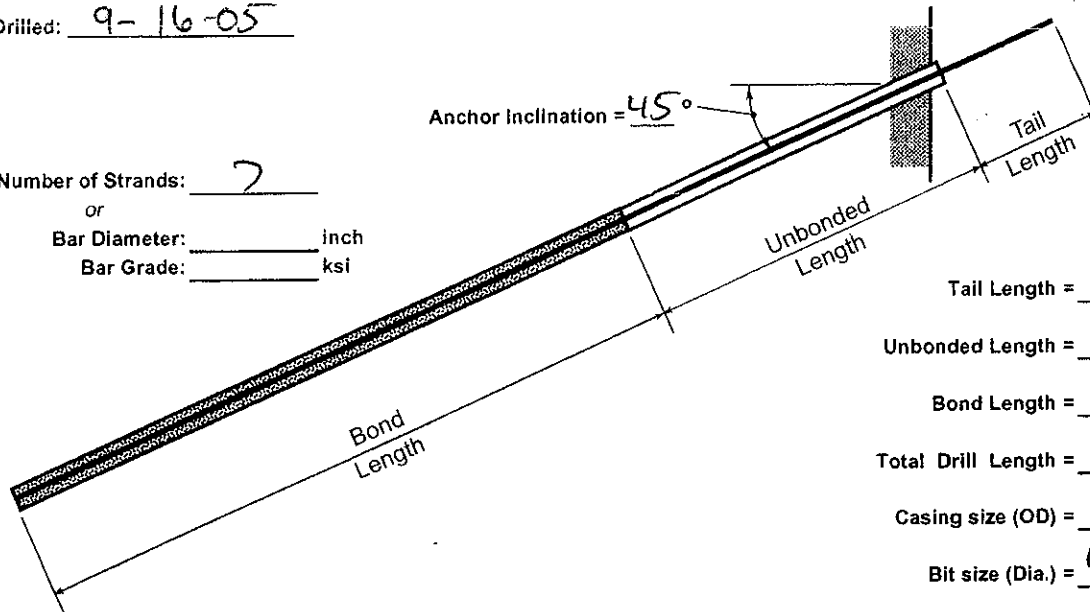
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ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-49</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>9-16-05</u>	Driller: <u>Brady Gaines/ Vinnie Mitchell</u>
Location: <u>600 W. St 42nd St.</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 9-16-05

Number of Strands: 2
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = 55 ft
Bond Length = 35 ft
Total Drill Length = 90 ft
Casing size (OD) = 133 in / mm
Bit size (Dia.) = 4 1/8 in mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>9-16-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

35' Rock Socket

SCANNED

Recorded by:

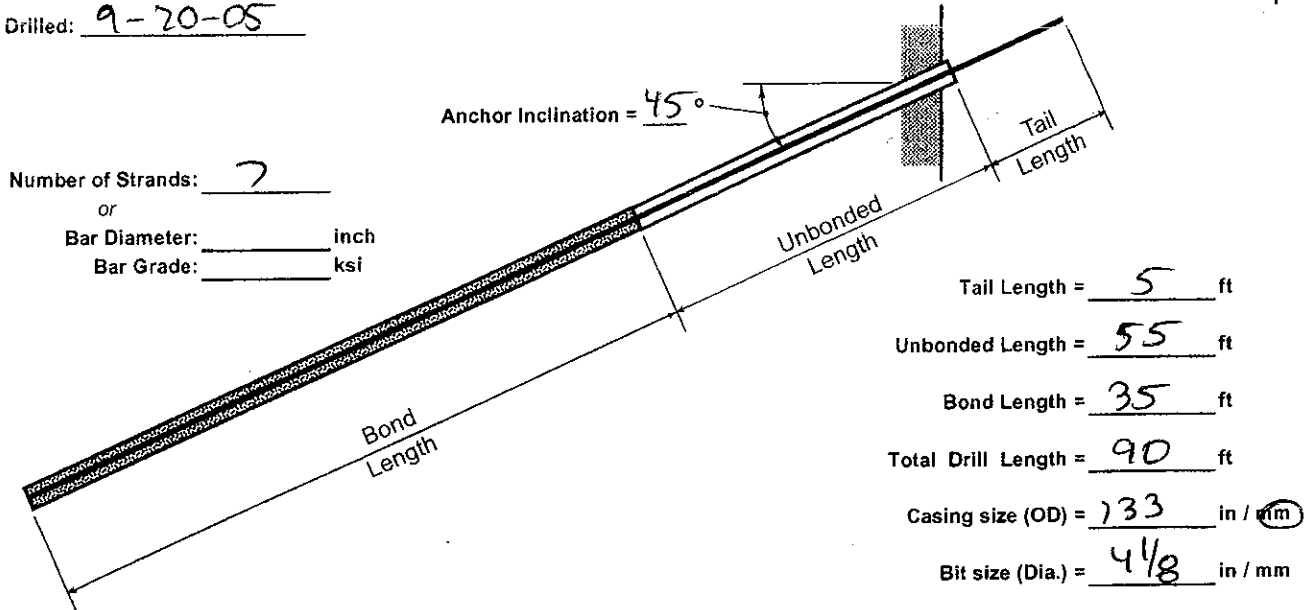
Jason LaRue
Print Name

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ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T50</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>9-20-05</u>	Driller: <u>Brady Gaines/ Vinnie Mitchell</u>
Location: <u>600 West 42nd St.</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 9-20-05



GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>9-20-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

35' Rock Socket

SCANNED

Recorded by:

Jason LaRue
Print Name

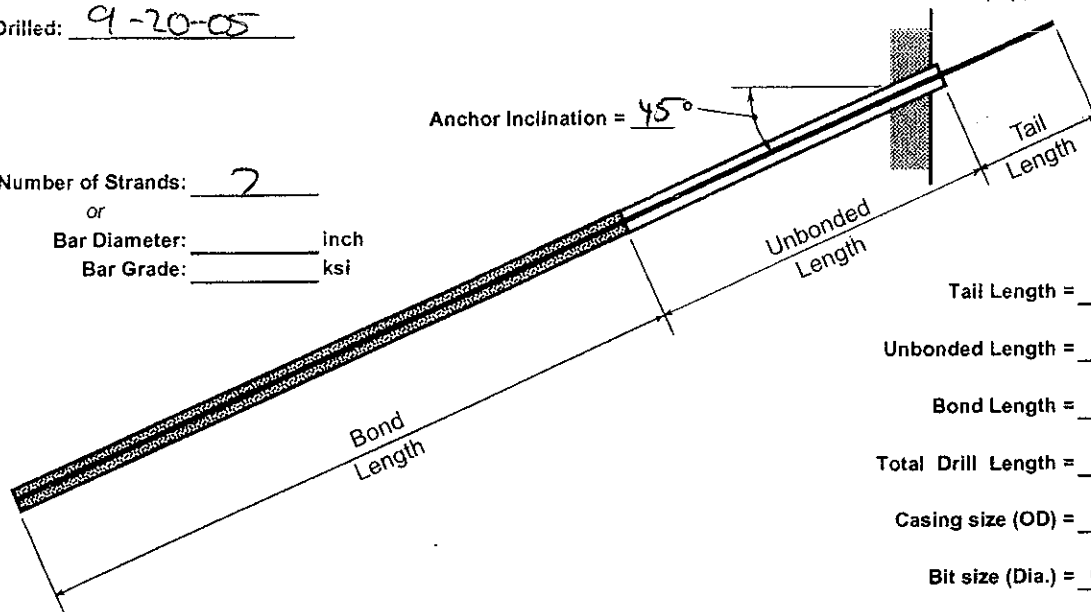
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ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T51</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>9-20-05</u>	Driller: <u>Brady Gaines / Vennie Mitchell</u>
Location: <u>600 West 42nd St.</u>	Drill Rig No:	

Date Drilled: 9-20-05

Number of Strands: 2
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = 55 ft
Bond Length = 35 ft
Total Drill Length = 90 ft
Casing size (OD) = 133 in / mm
Bit size (Dia.) = 4 1/8 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>9-20-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

35' Rock Socket

SCANNED

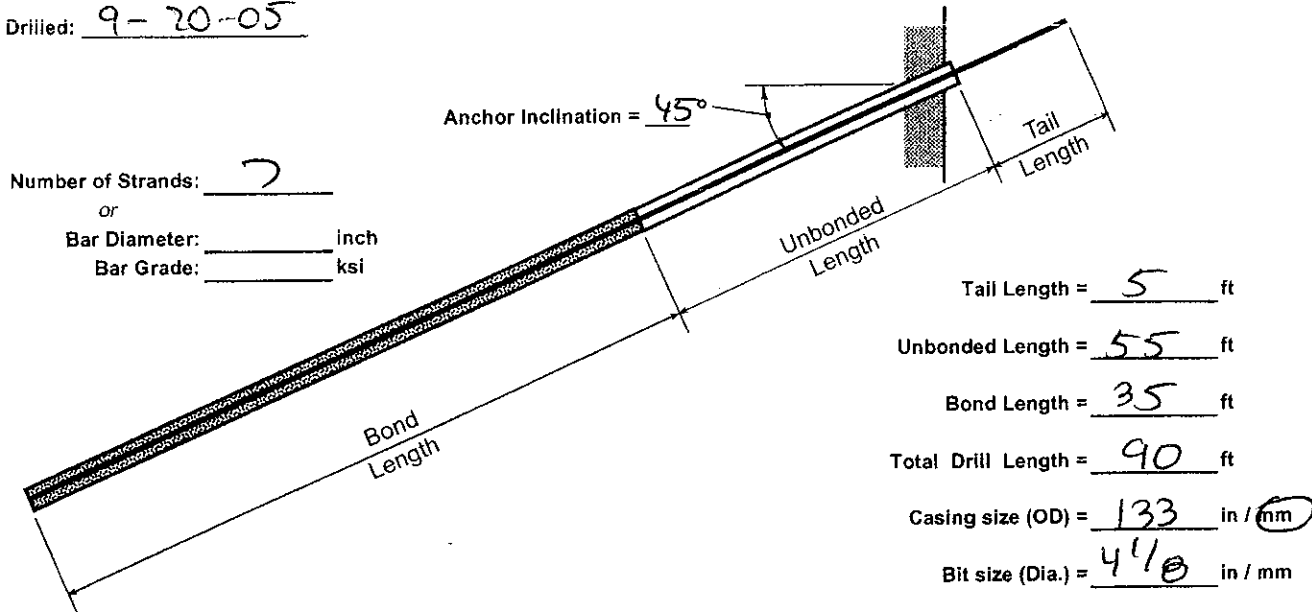
Recorded by:

Jason LaRue
Print Name

[Signature]
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T52</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>9-20-05</u>	Driller: <u>Brady Gaines / Vinnie Mitchell</u>
Location: <u>600 W. St. 42nd St.</u>	Drill Rig No: <u>Klemm 800b</u>	
Date Drilled: <u>9-20-05</u>		

**GROUTING RECORD**

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>9-20-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>30</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

Excessive grout take.35' Rock Socket**SCANNED**

Recorded by:

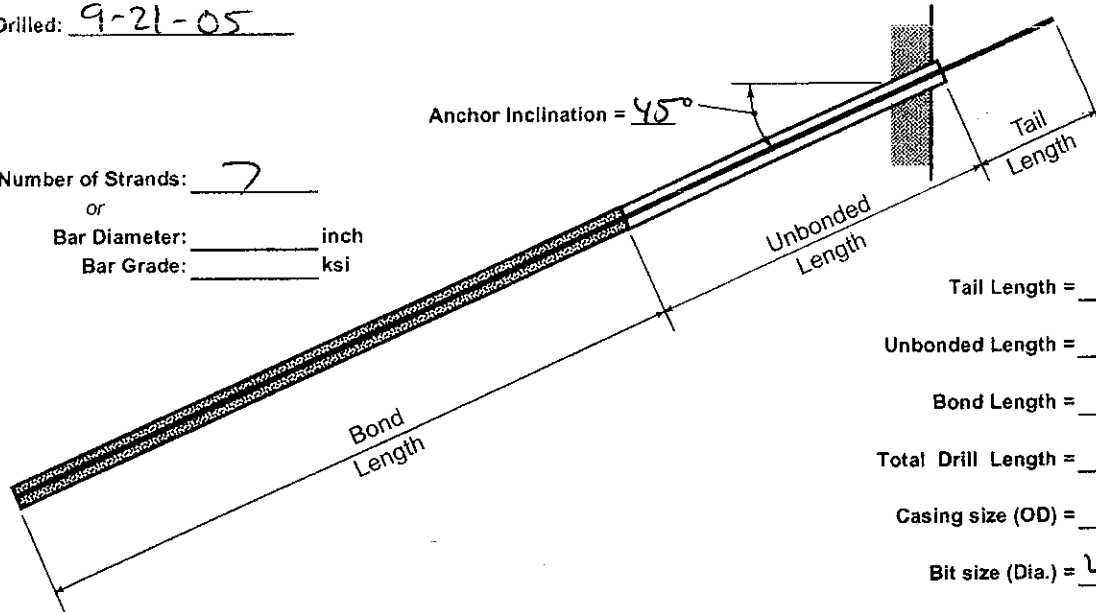
Jason LaRue
Print NameJLR
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T53</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>9-21-05</u>	Driller: <u>Brady Gaines / Vinnie Mitchell</u>
Location: <u>600 West 42nd St.</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 9-21-05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = 55 ft
Bond Length = 35 ft
Total Drill Length = 90 ft
Casing size (OD) = 133 in / mm
Bit size (Dia.) = 4 1/8 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>9-21-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

35' Rock Socket

SCANNED

Recorded by:

Jason LaRue
Print Name

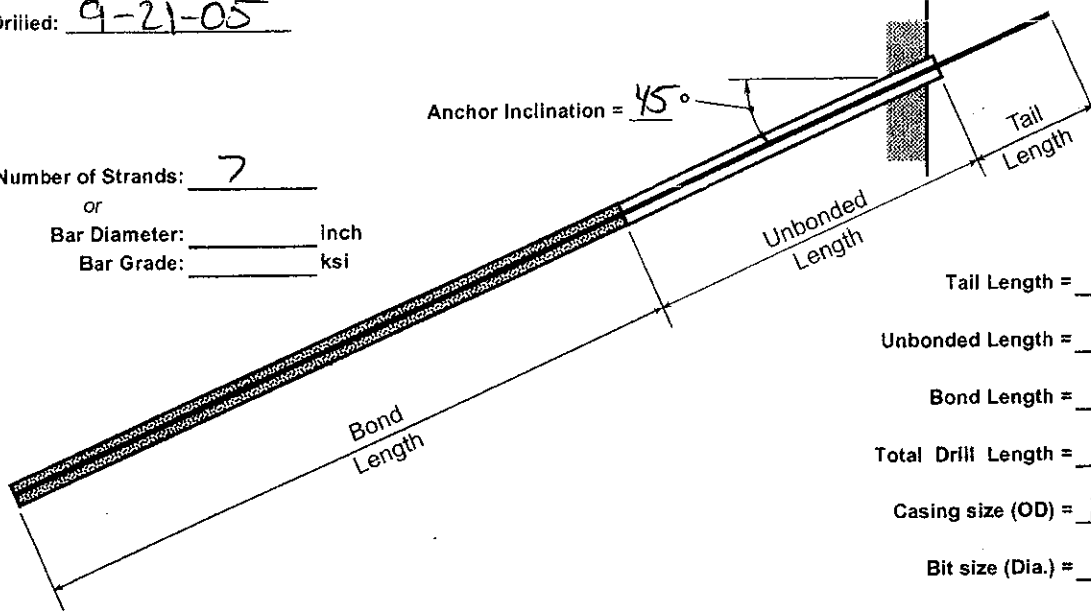
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ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-54</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>9-21-05</u>	Driller: <u>Brady Gaines / Vinnie Mitchell</u>
Location: <u>600 W. 42nd St.</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 9-21-05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = 45 ft
Bond Length = 35 ft
Total Drill Length = 80 ft
Casing size (OD) = 133 in / (mm)
Bit size (Dia.) = 4 1/8 in (mm)

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>9-21-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>30</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

Excessive Grout takes.

35' Rock Socket.

SCANNED

Recorded by:

Tason LaRue
Print Name

Signature

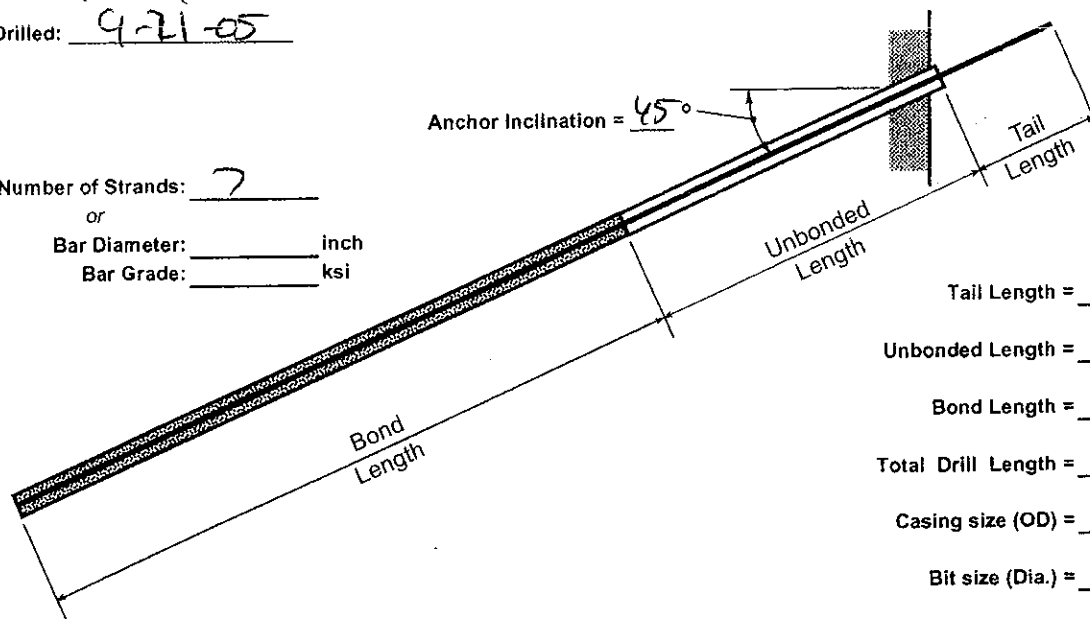
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ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>755</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>9-21-05</u>	Driller: <u>Brady Gaines / Vinnie Mitchel</u>
Location: <u>600 W 42nd St.</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 9-21-05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = 45 ft
Bond Length = 35 ft
Total Drill Length = 80 ft
Casing size (OD) = 133 in / (mm)
Bit size (Dia.) = 4 1/8 (in) mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>9-21-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

35' Rock Socket

SCANNED

Recorded by:

Jason LaRue
Print Name

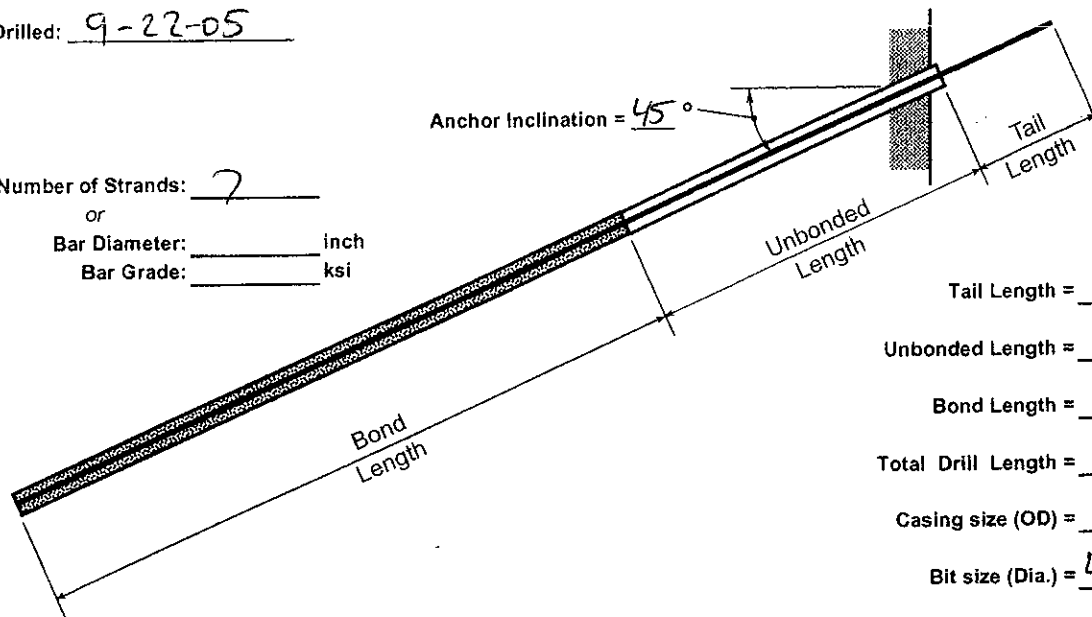
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ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T56</u>	Design Load: <u>220 kips</u>
Job Name: <u>River place II</u>	Installed Date: <u>9-22-05</u>	Driller: <u>Brady Gaines</u>
Location: <u>600 W. St 42nd St.</u>	Drill Rig No: <u>klemm 806</u>	

Date Drilled: 9-22-05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = 45 ft
Bond Length = 35 ft
Total Drill Length = 80 ft
Casing size (OD) = 133 in / mm
Bit size (Dia.) = 4-1/8 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>9-22-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

35' Rock socket**SCANNED**

Recorded by:

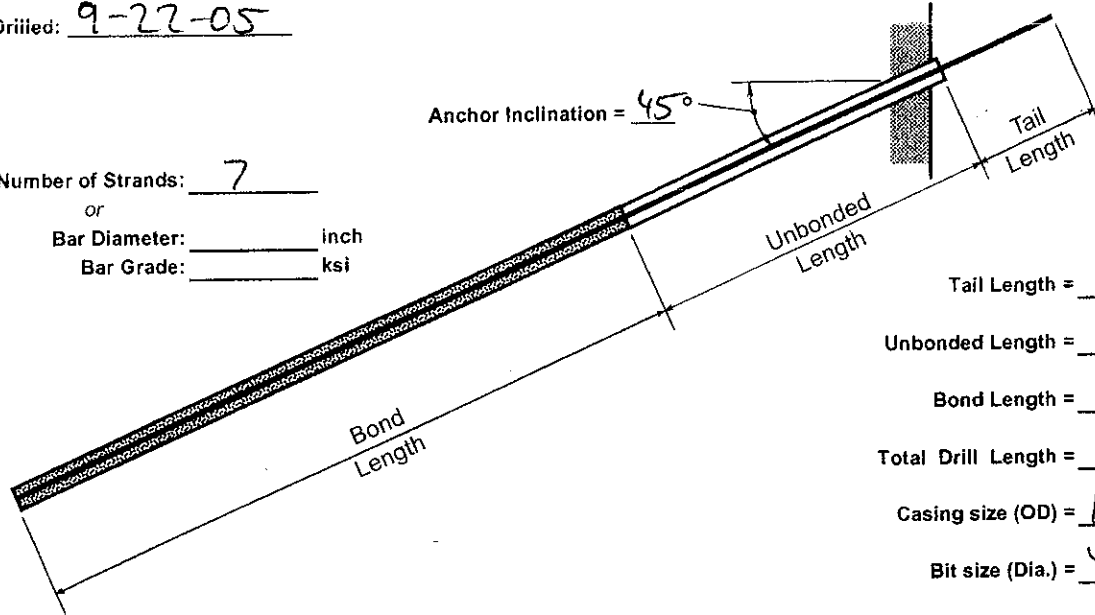
Jason LaRue
Print Name
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-57</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>9-22-05</u>	Driller: <u>Brady Gaines/ Vinnie Mitchell</u>
Location: <u>600 Wst 42nd st.</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 9-22-05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi

Anchor Inclination = 45°Tail Length = 5 ftUnbonded Length = 45 ftBond Length = 35 ftTotal Drill Length = 80 ftCasing size (OD) = 133 in / (mm)Bit size (Dia.) = 4 1/8 in / (mm)**GROUTING RECORD**

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>9-22-05</u>			
Break Pressure:	<u>N/A</u> psi	_____ psi	_____ psi	_____ psi
No. of 94lb Bags:	<u>14</u>	_____	_____	_____
Regrout Pressure:	<u>N/A</u> psi	_____ psi	_____ psi	_____ psi

Drilling Conditions/Notes:

35' Rock Socket**SCANNED**

Recorded by:

Jason LaRue
Print Name

Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-58</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>9-22-05</u>	Driller: <u>Brady Gaines/ Vinnie Mitchell</u>
Location: <u>600 W. St. 42nd St.</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 9-22-05

Number of Strands: 2
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi

Anchor Inclination = 45°

Tail Length = 5 ft
Unbonded Length = 45 ft
Bond Length = 35 ft
Total Drill Length = 80 ft
Casing size (OD) = 133 in / mm
Bit size (Dia.) = 4 1/8 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>9-22-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

35' Rock socket

SCANNED

Recorded by:

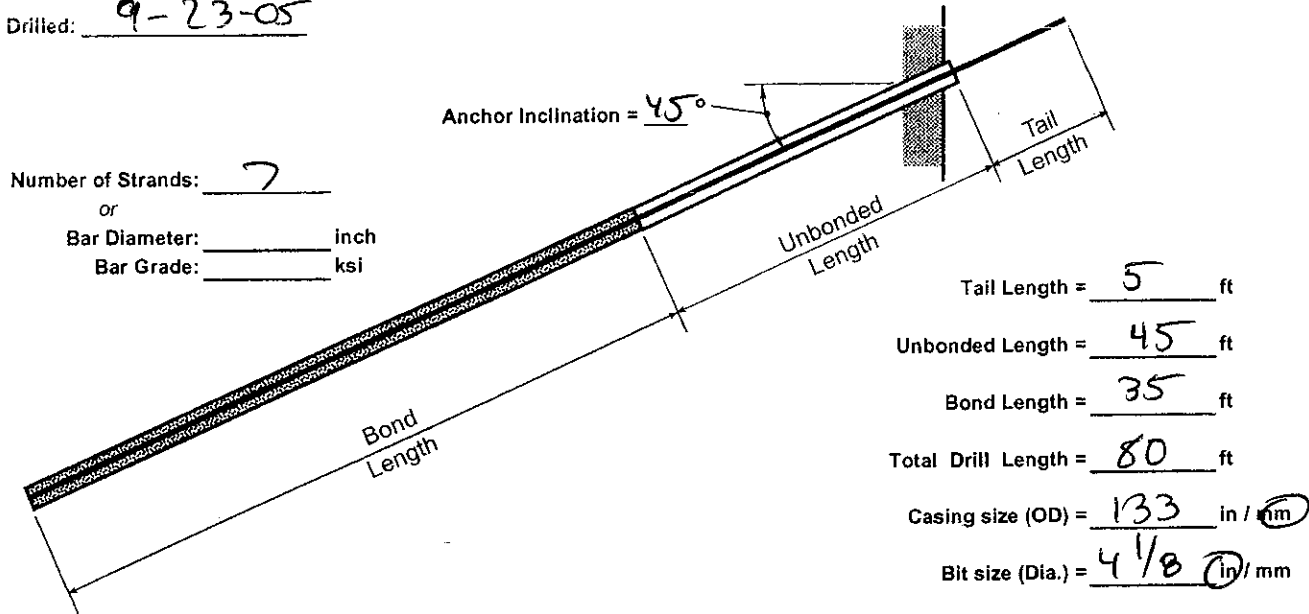
Tason LaRue
Print Name

J. P. R.
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T59</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>9-23-05</u>	Driller: <u>Brady Gaines / Vinnie Mitchell</u>
Location: <u>600 W. St. 42nd St.</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 9-23-05



GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>9-23-05</u>	_____	_____	_____
Break Pressure:	<u>N/A</u> psi	_____ psi	_____ psi	_____ psi
No. of 94lb Bags:	<u>14</u>	_____	_____	_____
Regrout Pressure:	<u>N/A</u> psi	_____ psi	_____ psi	_____ psi

Drilling Conditions/Notes:

35' Rock Socket

SCANNED

Recorded by:

Jason LaRue
Print Name

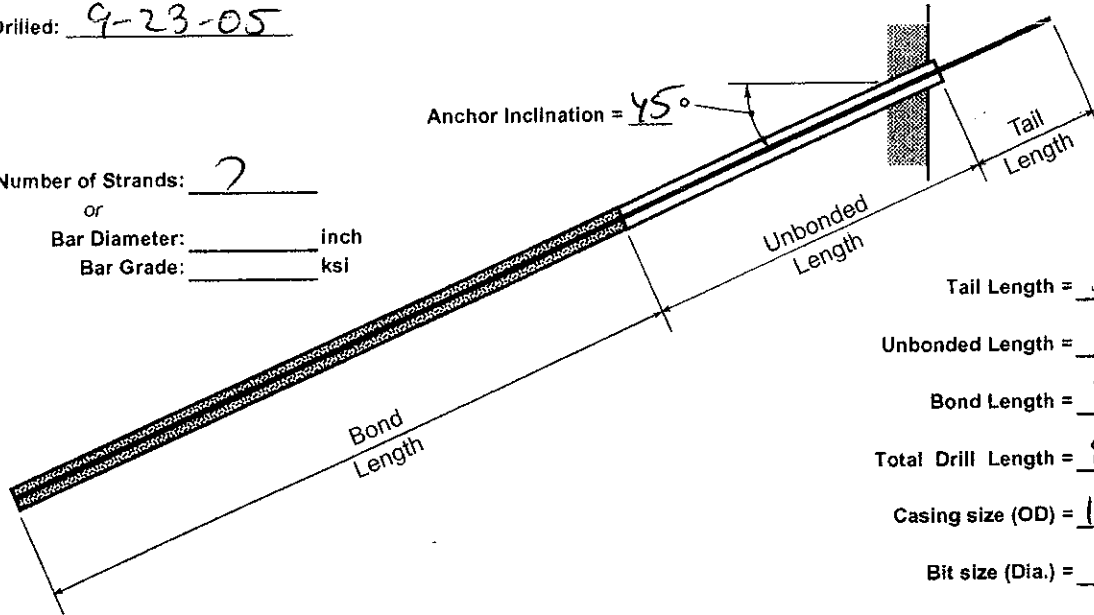
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ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T60</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>9-23-05</u>	Driller: <u>Brady Gaines/ Vinnie Mitchell</u>
Location: <u>600 West 42nd St.</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 9-23-05

Number of Strands: 2
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = 45 ft
Bond Length = 35 ft
Total Drill Length = 80 ft
Casing size (OD) = 1.33 in (mm)
Bit size (Dia.) = 4 1/8 in (mm)

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>9-23-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

35' Rock Socket

SCANNED

Recorded by:

Jason LaRue
Print Name

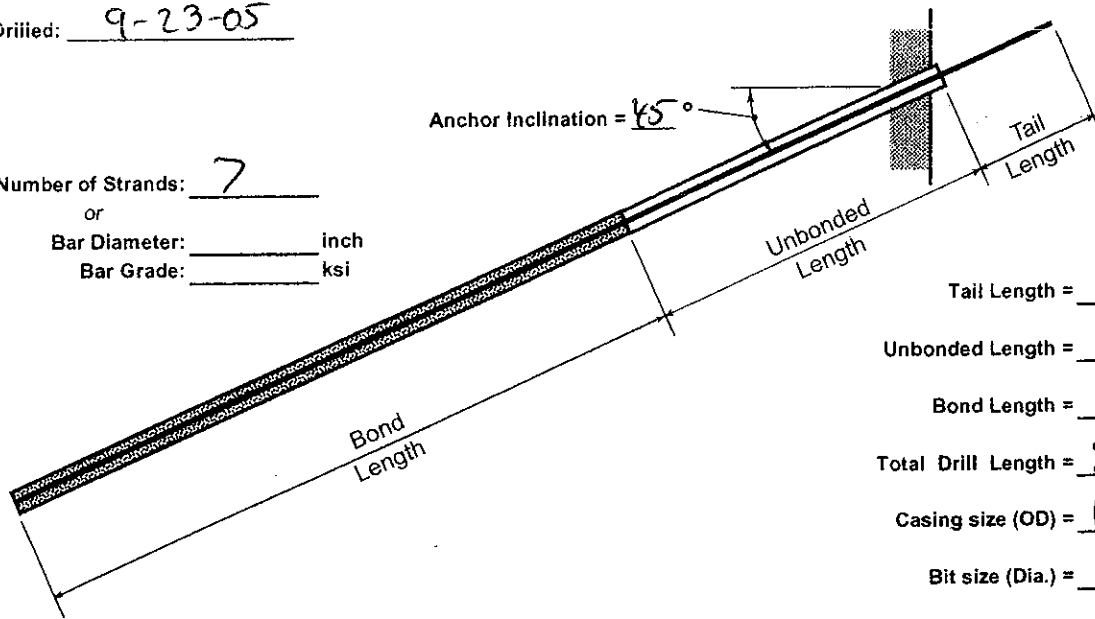
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ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T61</u>	Design Load: <u>220kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>9-23-05</u>	Driller: <u>Brady Gaines / Vinnie Mitchell</u>
Location: <u>600 W. St. 42nd St</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 9-23-05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = 45 ft
Bond Length = 35 ft
Total Drill Length = 80 ft
Casing size (OD) = 133 in mm
Bit size (Dia.) = 4 1/8 in mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>9-23-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

35' Rock Socket

SCANNED

Recorded by:

Jason LaRue
Print Name

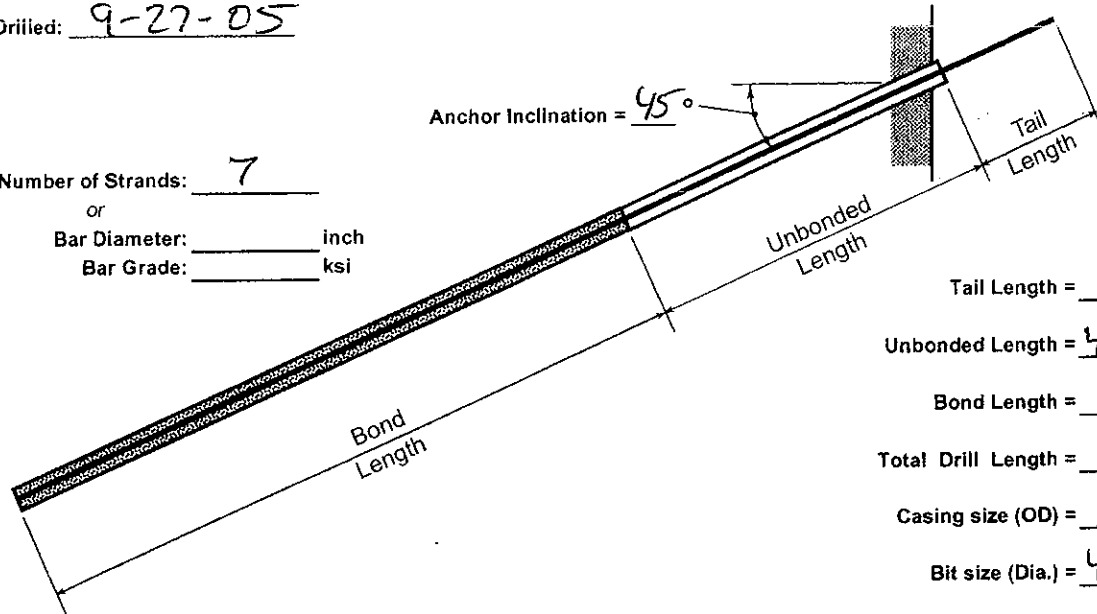
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Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T 62</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>9-27-05</u>	Driller: <u>Brady Gaines /</u> <u>Vinnie Mitchell</u>
Location: <u>600 W. 42nd St.</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 9-27-05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = 45 ft
Bond Length = 35 ft
Total Drill Length = 80 ft
Casing size (OD) = 133 in (mm)
Bit size (Dia.) = 4 1/8 in (mm)

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>9-27-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

35' Rock socket

SCANNED

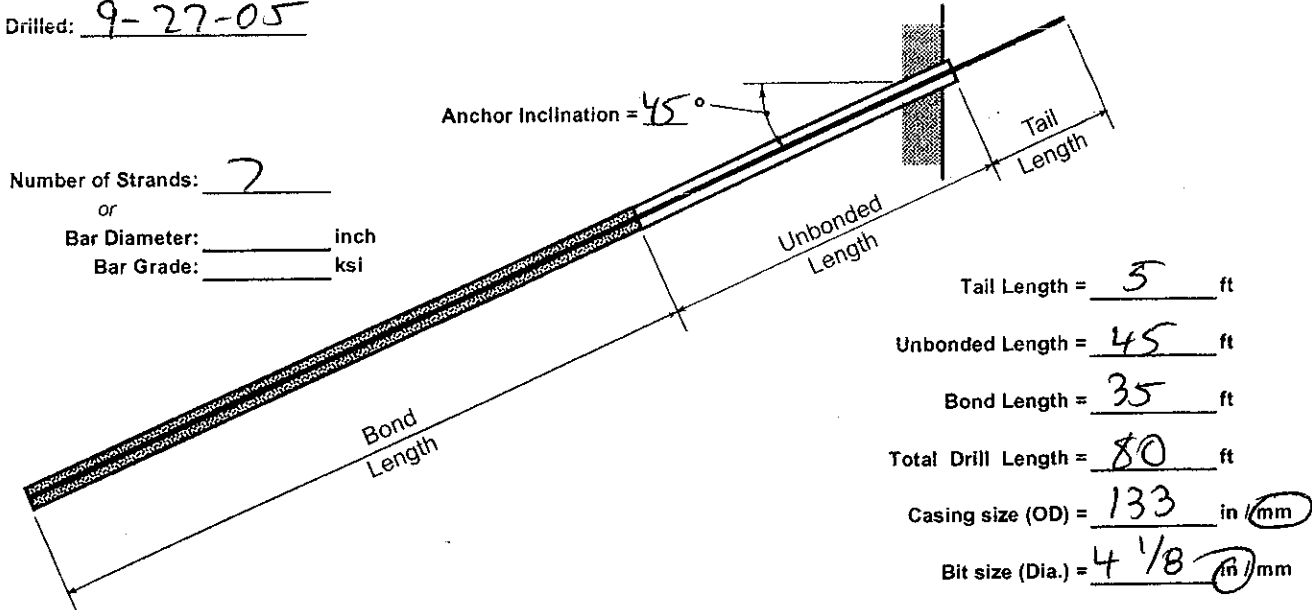
Recorded by:

Jason La Rue
Print Name

[Signature]
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-63</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>9-27-05</u>	Driller: <u>Brady Gaines / Vinnie Mitchell</u>
Location: <u>600 West 42nd St.</u>	Drill Rig No: <u>Klemm 806</u>	
Date Drilled: <u>9-27-05</u>		



GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>9-27-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

35' Rock Socket

SCANNED

Recorded by:

Jason LaRue
Print Name

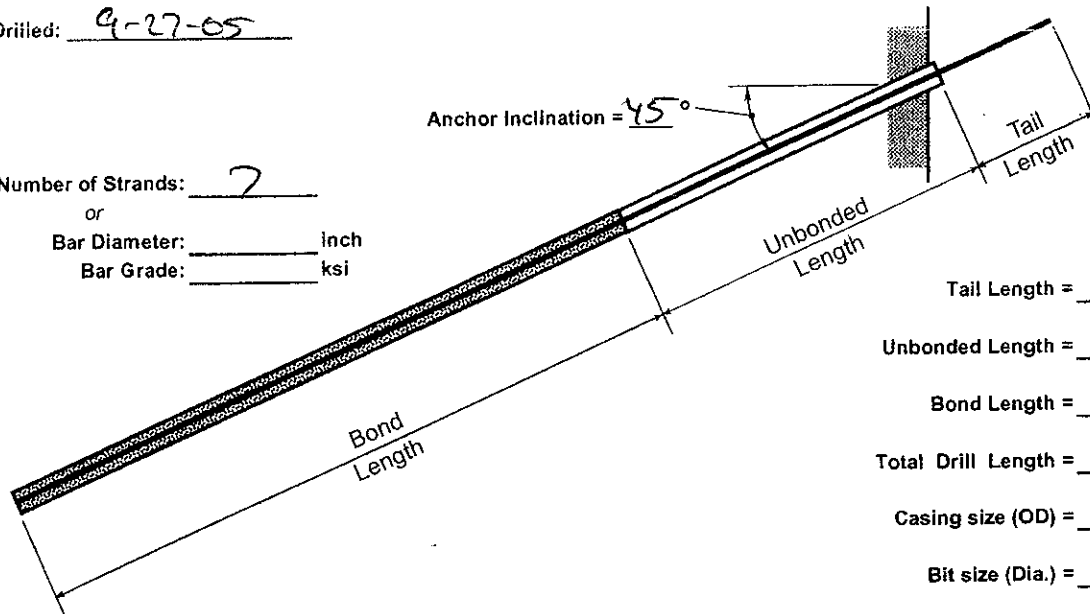
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ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-64</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>9-27-05</u>	Driller: <u>Brady Gaines</u> <u>Vinnie Mitchell</u>
Location: <u>6000 W. St 42nd St</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 9-27-05

Number of Strands: 2
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi

Tail Length = 5 ftUnbonded Length = 45 ftBond Length = 35 ftTotal Drill Length = 80 ftCasing size (OD) = 133 in / (mm)Bit size (Dia.) = 4 1/8 in / (mm)**GROUTING RECORD**

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>9-27-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

35' Rock Socket**SCANNED**

Recorded by:

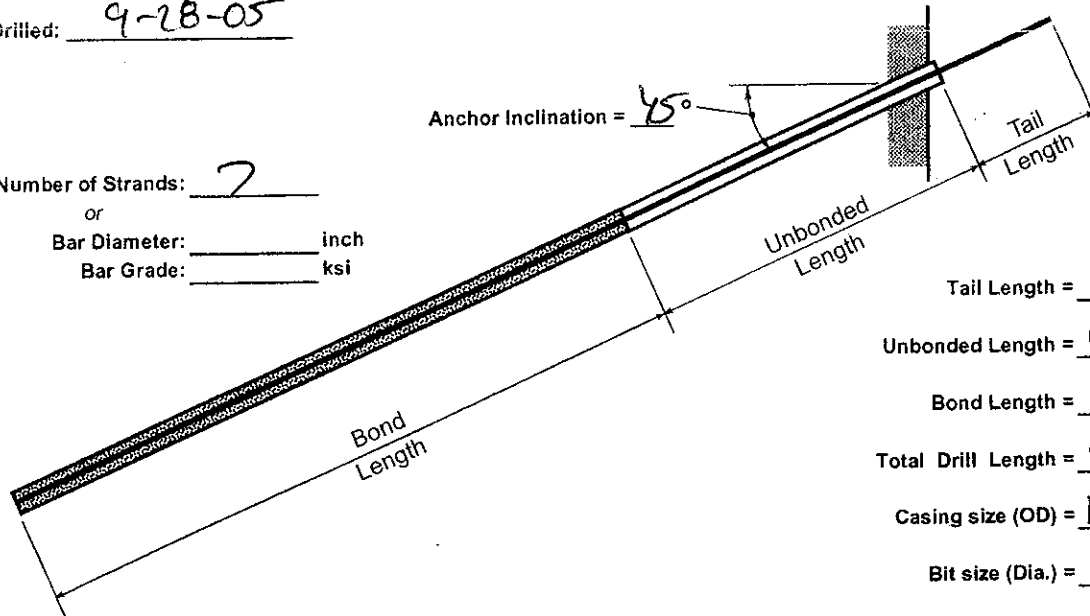
Tason LaRue
Print NameJ. LaRue
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T65</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>9-28-05</u>	Driller: <u>Brady Gaines/ Vinnie Mitchell</u>
Location: <u>600 W 2nd St.</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 9-28-05

Number of Strands: 2
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = 40 ft
Bond Length = 35 ft
Total Drill Length = 85 ft
Casing size (OD) = 133 in / mm
Bit size (Dia.) = 4 1/8 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>9-28-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

35' Rock Socket

SCANNED

Recorded by:

Jason LaRue
Print Name

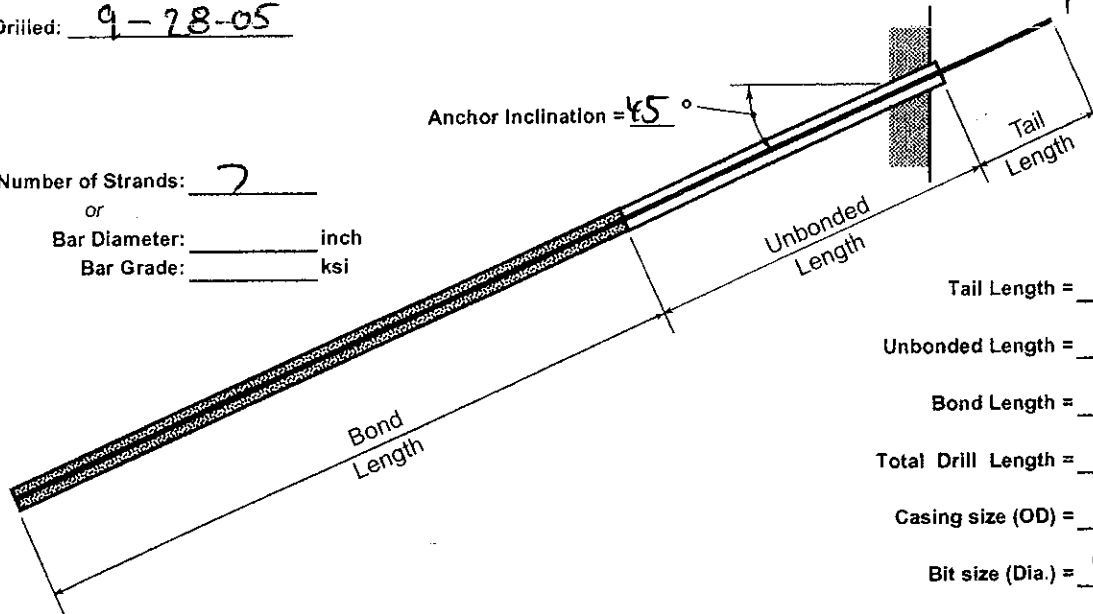
J-LR
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T66</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>9-28-05</u>	Driller: <u>Vinnie Mitchell/ Brady Gaines</u>
Location: <u>600 W 42nd St. Manhattan</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 9-28-05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = 35 ft
Bond Length = 35 ft
Total Drill Length = 70 ft
Casing size (OD) = 133 in / (mm)
Bit size (Dia.) = 4 1/8 in / (mm)

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>9-28-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

35' Rock socket

Rock is becoming harder heading west

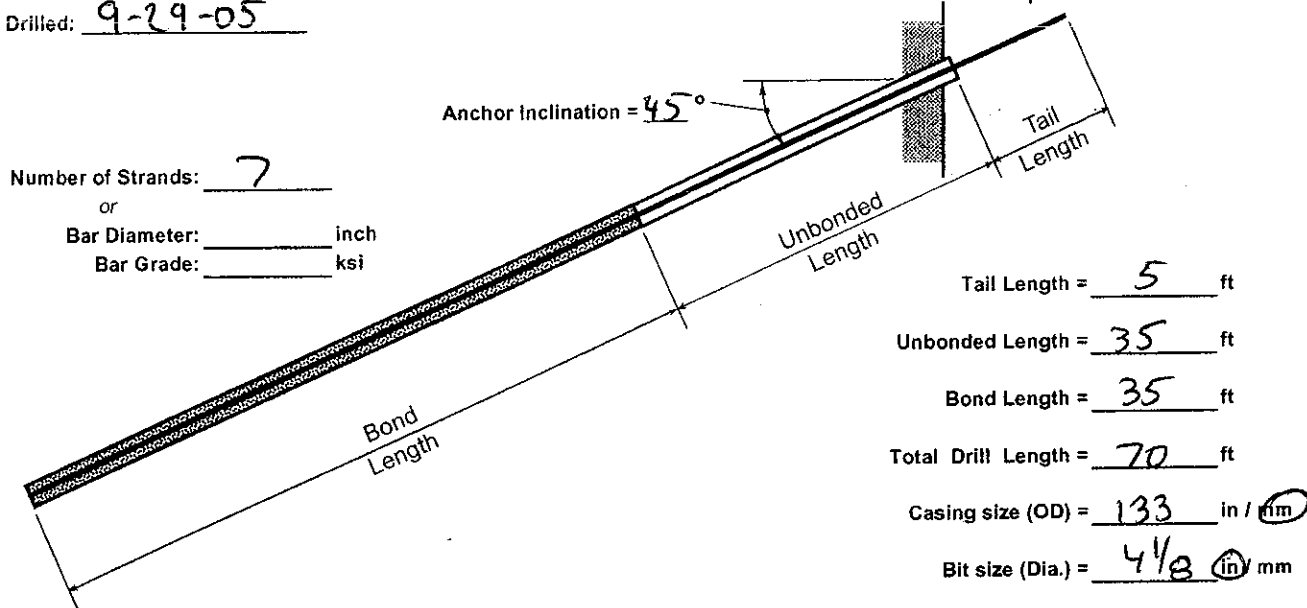
SCANNED

Recorded by: Jason LaRue
Print Name

[Signature]
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-67</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>9-29-05</u>	Driller: <u>Vinnie Mitchell /</u>
Location: <u>600 W. 42nd St. Manhattan</u>	Drill Rig No: <u>Klemm 806</u>	<u>Brady Gaines</u>
Date Drilled: <u>9-29-05</u>		



GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>9-29-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>42</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

35' Rock Socket.

Had problems putting anchor in.

SCANNED

Recorded by:

Tason LaRue

Print Name

[Signature]

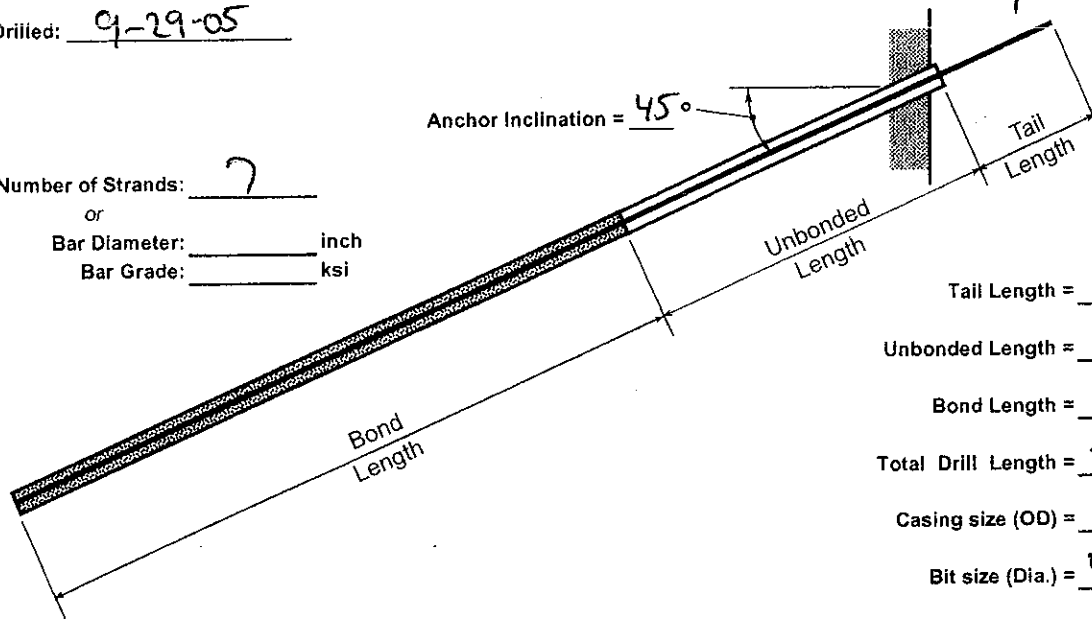
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T68</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>9-29-05</u>	Driller: <u>Vinnie Mitchell /</u> <u>Brady Gaines</u>
Location: <u>600 W. 42nd St. Manhattan</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 9-29-05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi

Tail Length = 5 ftUnbonded Length = 35 ftBond Length = 35 ftTotal Drill Length = 70 ftCasing size (OD) = 75 in / mmBit size (Dia.) = 4 1/8 in / mm**GROUTING RECORD**

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>9-29-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

35' Rock Socket**SCANNED**

Recorded by:

Jason LaRue

Print Name

J LaRue

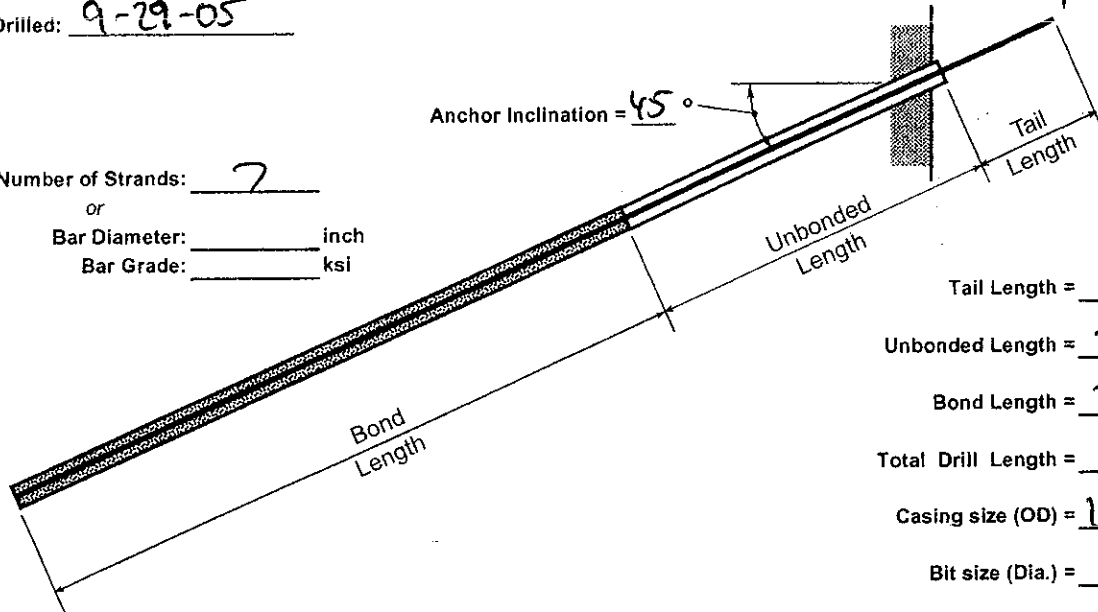
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T69</u>	Design Load: <u>220 kips</u>
Job Name: <u>River place II</u>	Installed Date: <u>9-29-05</u>	Driller: <u>Vinnie Mitchell/ Brady Gaines</u>
Location: <u>600 W 42nd St.</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 9-29-05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = 35 ft
Bond Length = 35 ft
Total Drill Length = 70 ft
Casing size (OD) = 1.33 in / (mm)
Bit size (Dia.) = 4 1/8 (in) mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>9-29-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

35' of Rock**SCANNED**

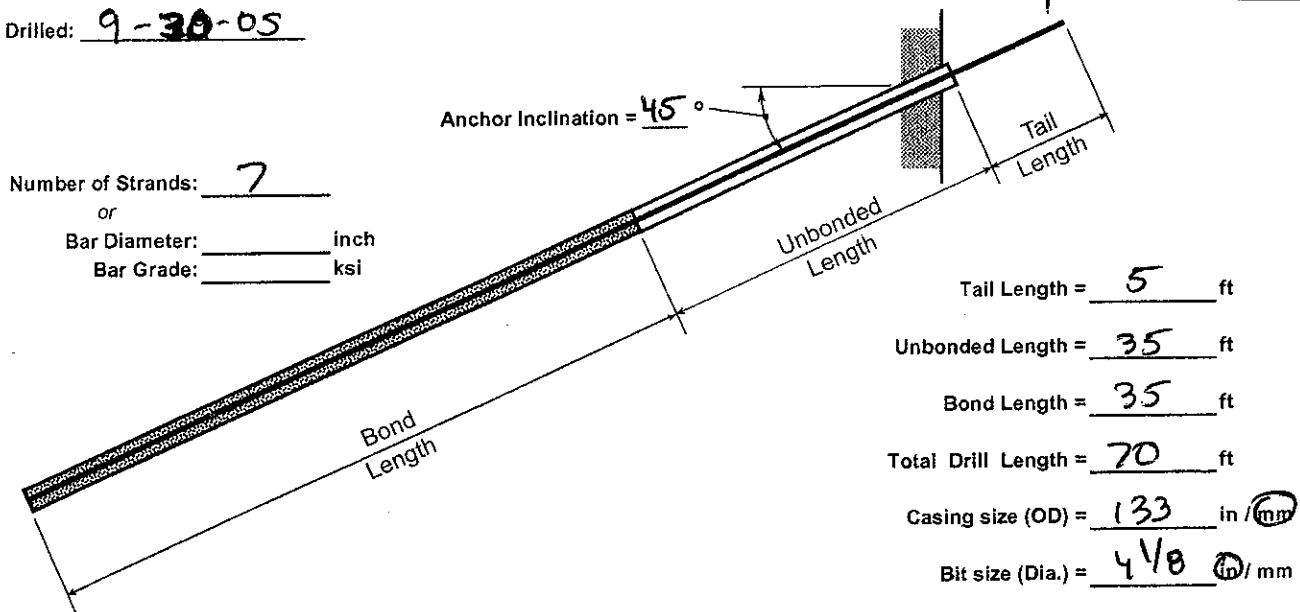
Recorded by:

Jason LaRue
Print NameJLR
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-70</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>9-30-05</u>	Driller: <u>Vinnie Mitchell/ Brady Gaines</u>
Location: <u>600 W 42nd St.</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 9-30-05



GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>9-30-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

35' Rock socket

SCANNED

Recorded by:

Jason LaRue

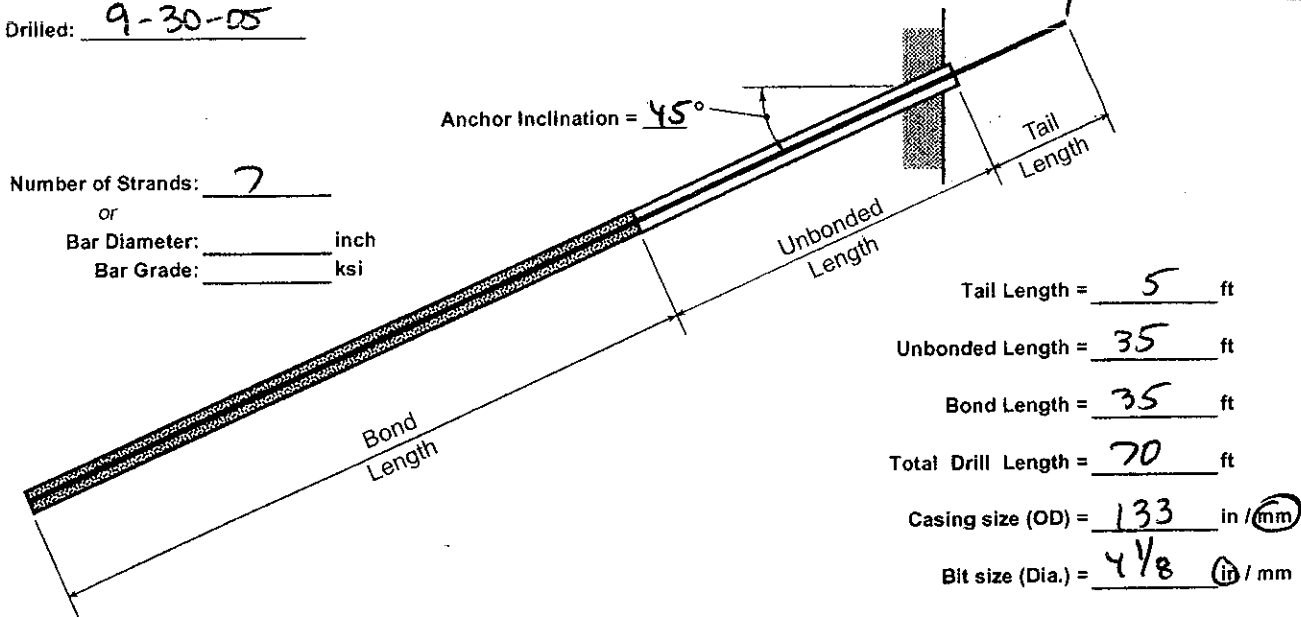
Print Name

JLR

Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T 71</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>9-30-05</u>	Driller: <u>Vinnie Mitchell/ Brady Gaines</u>
Location: <u>600 W. 42nd St.</u>	Drill Rig No: <u>Klemm 806</u>	
Date Drilled: <u>9-30-05</u>		

**GROUTING RECORD**

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>9-30-05</u>			
Break Pressure:	<u>N/A</u> psi	_____ psi	_____ psi	_____ psi
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi	_____ psi	_____ psi	_____ psi

Drilling Conditions/Notes:

35' Rock Socket**SCANNED**

Recorded by:

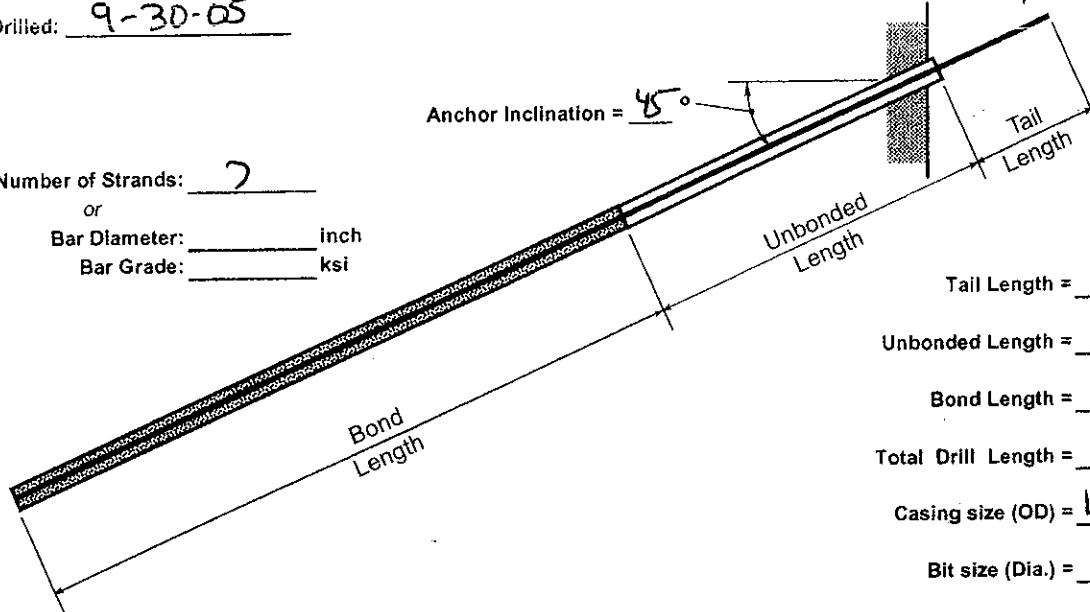
Jas. LaRue
Print NameJ. LaRue
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T 72</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>9-30-05</u>	Driller: <u>Vinnie Mitchell / Brady Gaines</u>
Location: <u>600 W. 42nd St.</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 9-30-05

Number of Strands: 2
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = 35 ft
Bond Length = 35 ft
Total Drill Length = 70 ft
Casing size (OD) = 133 in (mm)
Bit size (Dia.) = 4 1/8 in (mm)

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>9-30-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

35' of Rock

SCANNED

Recorded by:

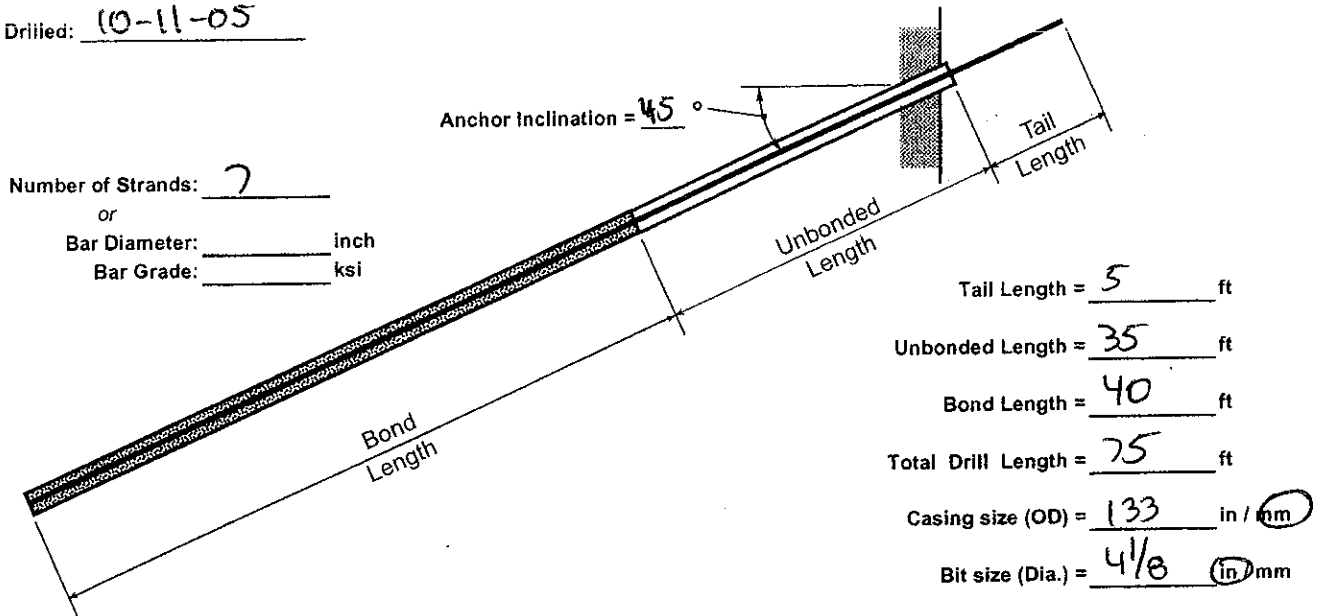
Jason LaRue
Print Name

[Signature]
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T73</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>10-11-05</u>	Driller: <u>Vinnie Mitchell</u>
Location: <u>600 W. 42nd St. Manhattan</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 10-11-05



GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>10-11-05</u>			
Break Pressure:	<u>N/A</u> psi	psi	psi	psi
No. of 94lb Bags:	<u>15</u>			
Regrout Pressure:	<u>N/A</u> psi	psi	psi	psi

Drilling Conditions/Notes:

20' Rock Socket

SCANNED

Recorded by:

Jason LaRue

Print Name

[Signature]

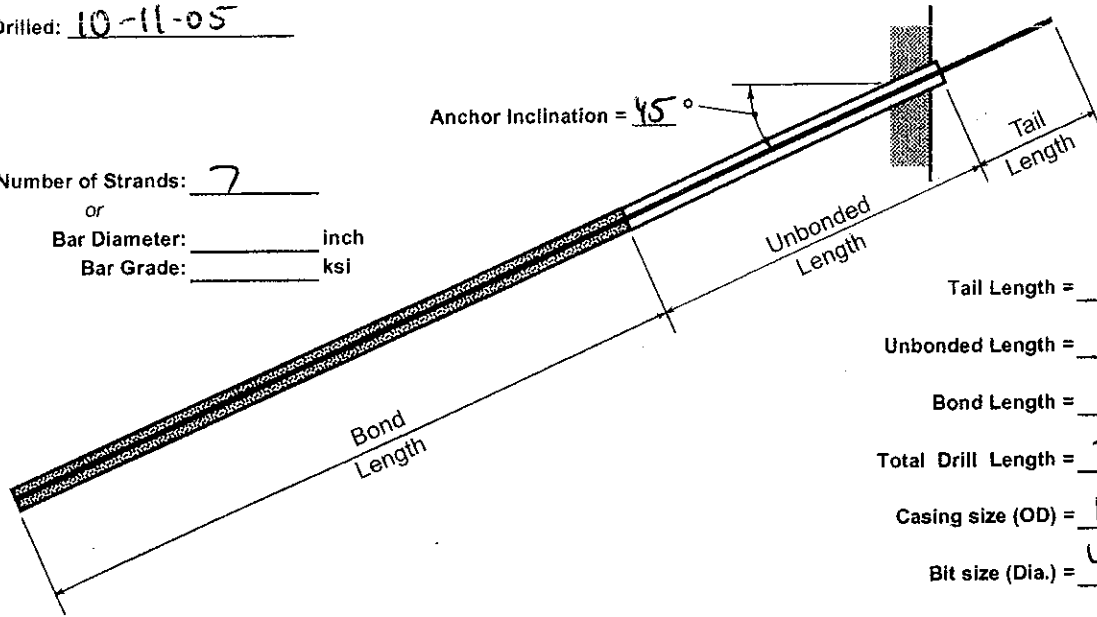
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T74</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>10-11-05</u>	Driller: <u>Vinnie Mitchell</u>
Location: <u>600 W. 42nd St. Manhattan</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 10-11-05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi

Anchor Inclination = 45°Tail Length = 5 ftUnbonded Length = 40 ftBond Length = 35 ftTotal Drill Length = 75 ftCasing size (OD) = 133 in / (mm)Bit size (Dia.) = 4 1/8 in / mm**GROUTING RECORD**

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>10-11-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>15</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

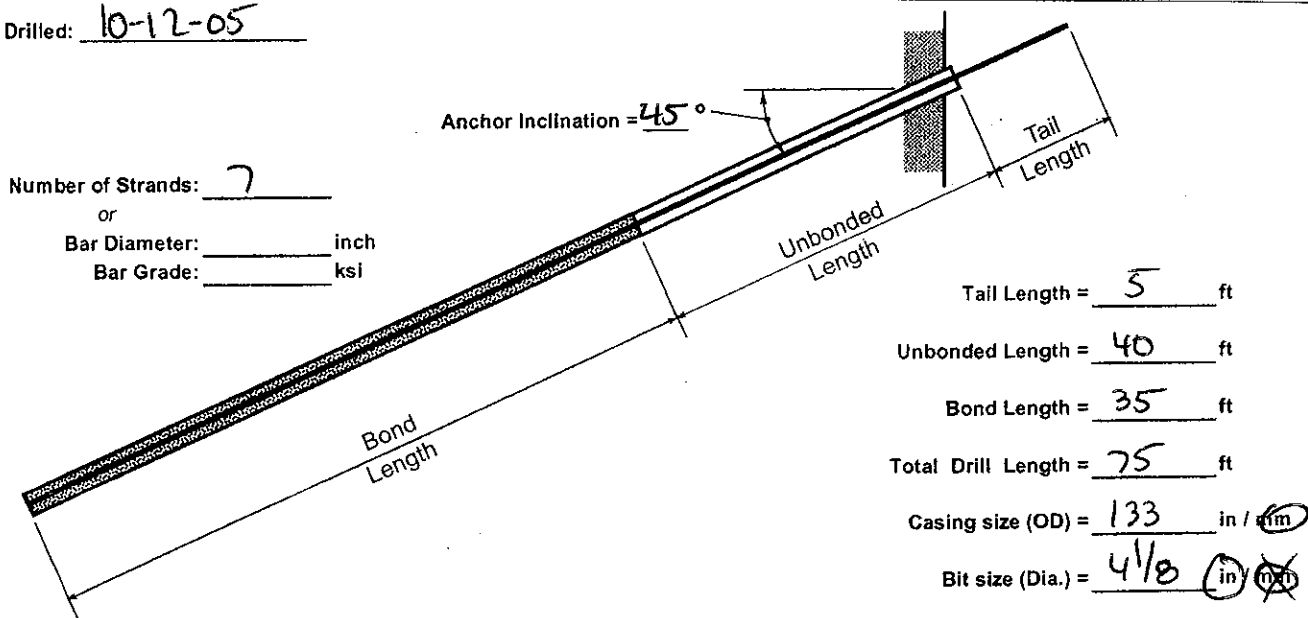
25' Rock Socket**SCANNED**

Recorded by:

Jason LaRue
Print Name
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T75</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>10-12-05</u>	Driller: <u>Vinnie Mitchell</u>
Location: <u>600 W. 42nd St. Manhattan</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 10-12-05**GROUTING RECORD**

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>10-12-05</u>			
Break Pressure:	<u>N/A</u> psi	_____ psi	_____ psi	_____ psi
No. of 94lb Bags:	<u>15</u>			
Regrout Pressure:	<u>N/A</u> psi	_____ psi	_____ psi	_____ psi

Drilling Conditions/Notes:

30' Rock Socket**SCANNED**

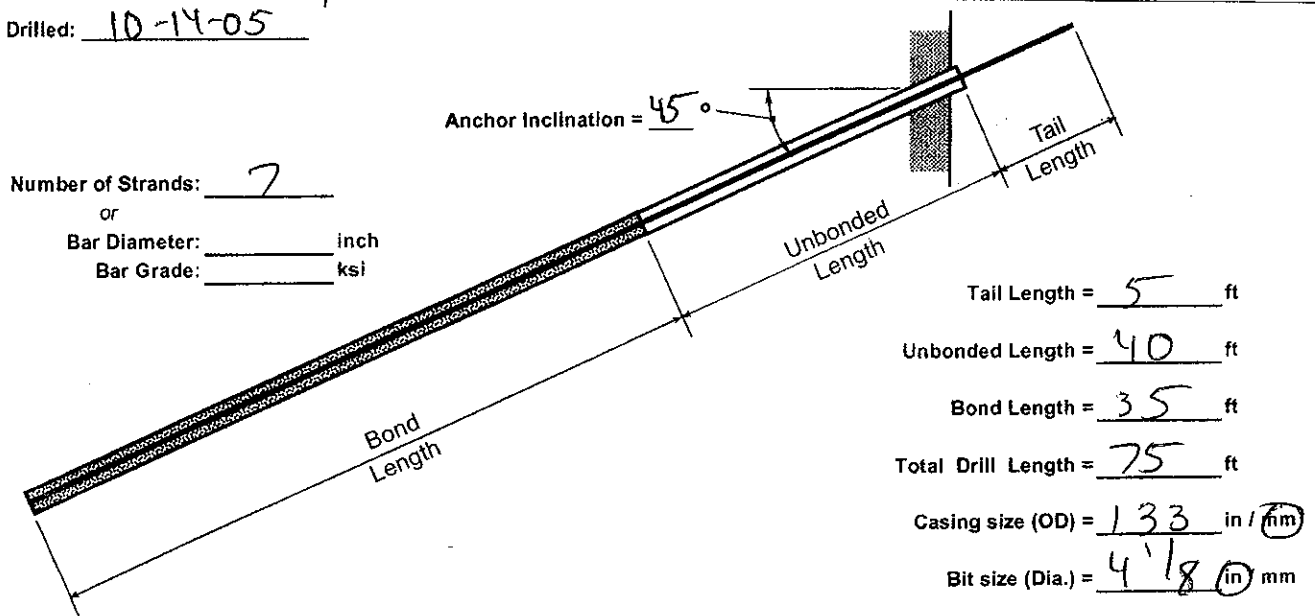
Recorded by:

Jason LaRue
Print NameJ LaRue
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T 76</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>10-14-05</u>	Driller: <u>Vinnie Mitchell</u>
Location: <u>600 W. 42nd St. Manhattan</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 10-14-05



GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>10-14-05</u>			
Break Pressure:	<u>N/A</u> psi	_____ psi	_____ psi	_____ psi
No. of 94lb Bags:	<u>15</u>	_____	_____	_____
Regrout Pressure:	<u>N/A</u> psi	_____ psi	_____ psi	_____ psi

Drilling Conditions/Notes:

30' Rock Socket

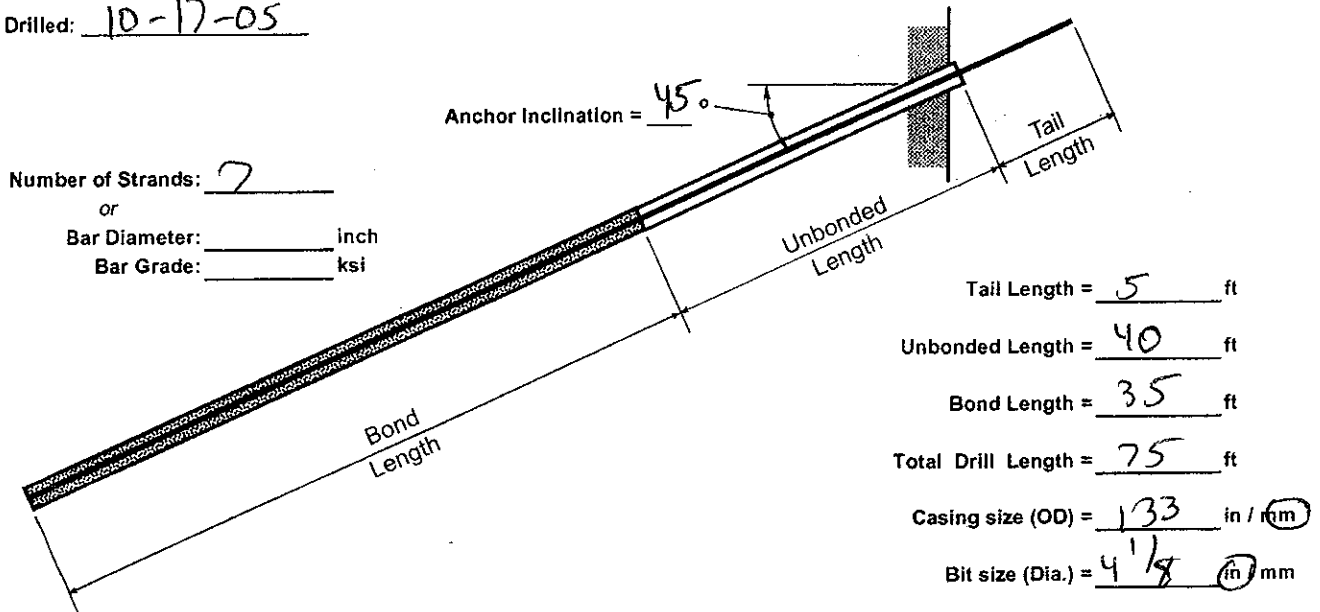
Recorded by:

Jason LaRue
Print Name

[Signature]
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T 77</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>10-17-05</u>	Driller: <u>Vinnie Mitchell</u>
Location: <u>600.42nd St. Manhattan</u>	Drill Rig No: <u>Klemm 80L</u>	

Date Drilled: 10-17-05**GROUTING RECORD**

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>10-17-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>15</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

30' Rock Socket

Recorded by:

Jason LaRue
Print Name
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-78</u>	Design Load: <u>220 kips</u>
Job Name: <u>Riverplace II</u>	Installed Date: <u>10-17-05</u>	Driller: <u>Vinnie Mitchell</u>
Location: <u>600 42nd St. Manhattan</u>	Drill Rig No: <u>Klemm 806</u>	
Date Drilled: <u>10-17-05</u>		

Number of Strands: 7

or

Bar Diameter: _____ inch

Bar Grade: _____ ksi

Anchor Inclination = 45°

Tail Length = 5 ft

Unbonded Length = 40 ft

Bond Length = 35 ft

Total Drill Length = 75 ft

Casing size (OD) = 133 in / (mm)

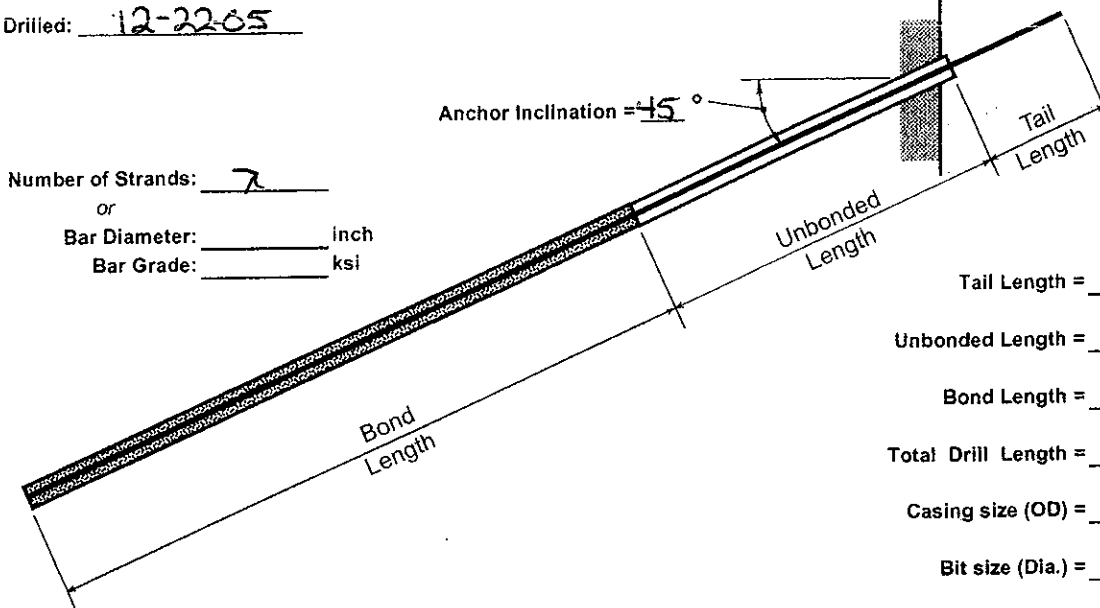
Bit size (Dia.) = 4 1/8 in / (mm)

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>10-17-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>15</u>			
Regrout Pressure:	<u>N/A</u> psi			
Drilling Conditions/Notes:				
<u>30' Rock Socket</u>				
Recorded by:	<u>Jason LaRue</u>			
	Print Name	Signature		

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-79</u>	Design Load: <u>220 k</u>
Job Name: <u>RIVERPLACE - PHASE II</u>	Installed Date: <u>12-22-05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42nd St & 11th Ave</u>	Drill Rig No: <u>Klemm-806</u>	

 Date Drilled: 12-22-05

 Tail Length = 5 ft

 Unbonded Length = 30 ft

 Bond Length = 35 ft

 Total Drill Length = 65 ft

 Casing size (OD) = 133 in / mm

 Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12-22-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

0-30' f/m sand & gravel. Blk & gy silt with wood
30'-40' ROBN silty clay f/m sand & gravel sm. cobbles
40'-65' Bedrock (quartz & Mica Schist)

SCANNED

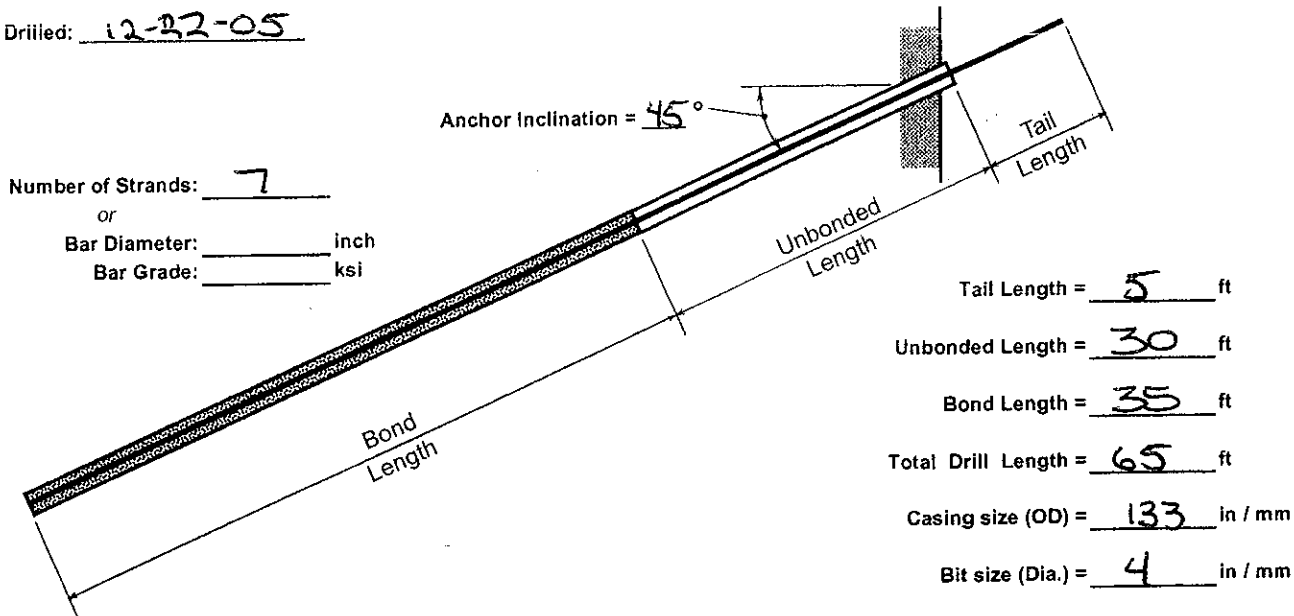
Recorded by:

Vincent A. Mitchell
 Print Name

Vincent A. Mitchell
 Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-80</u>	Design Load: <u>220k</u>
Job Name: <u>RIVERDANCE - PHASE II</u>	Installed Date: <u>12-22-05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42ND ST + 11TH AVE</u>	Drill Rig No: <u>Klemm -806</u>	

 Date Drilled: 12-22-05


GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12-22-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

0-30' f/m sand & gravel PK & gy silt & wood

30'-40' RD BN silty clay f/m sand & gravel. sm. Cobbles

40'-65' Bedrock (quartz & mica schist.)

SCANNED

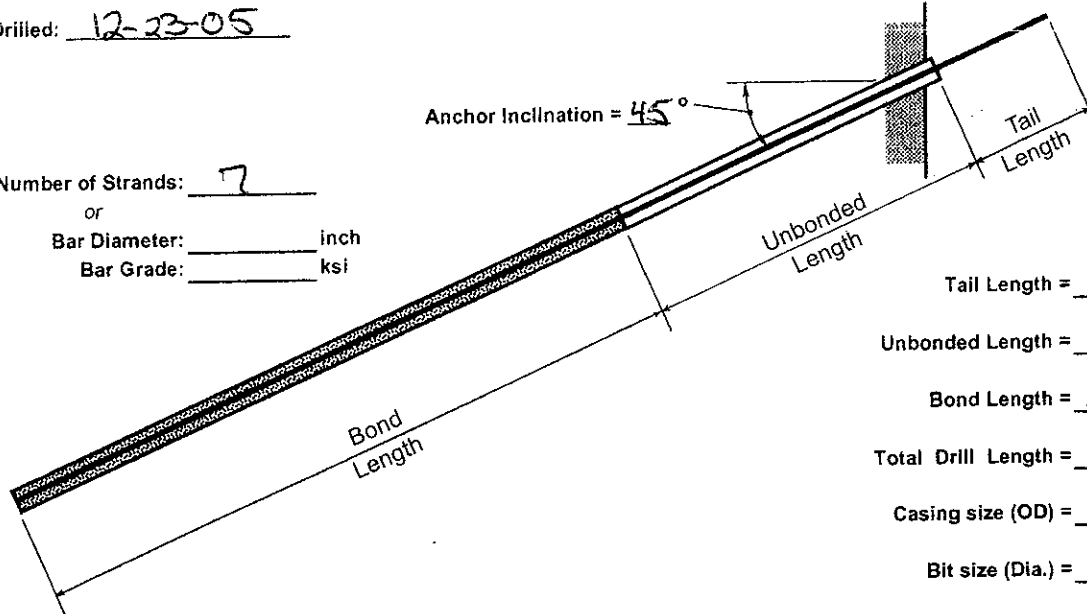
Recorded by: Vincent A. Mitchell Vincent A. Mitchell
 Print Name Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-81</u>	Design Load: <u>220 k</u>
Job Name: <u>REINFORCE - Phase II</u>	Installed Date: <u>12-23-05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42nd St. & 11th Ave</u>	Drill Rig No: <u>Klemm - 806</u>	

Date Drilled: 12-23-05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = 30 ft
Bond Length = 35 ft
Total Drill Length = 65 ft
Casing size (OD) = 133 in / mm
Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12-23-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

0-30' f/m sand & gravel Bk & gy silt & wood30'-40' RD BU silty clay f/m sand & gravel, sm. cobbles40'-65' Bedrock (quartz & mica schist)**SCANNED**

Recorded by:

Vincent A. Mitchell
Print NameVincent A. Mitchell
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-82</u>	Design Load: <u>220 k</u>
Job Name: <u>RIVERDALE - Phase II</u>	Installed Date: <u>12-23-05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42nd St & 11th Ave</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 12-23-05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi

Anchor Inclination = 45°

Bond Length

Unbonded Length

Tail Length

Tail Length = 5 ft
Unbonded Length = 30 ft
Bond Length = 35 ft
Total Drill Length = 65 ft
Casing size (OD) = 133 in / mm
Bit size (Dia.) = 4 in / mm

GROUTING RECORD				
	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12-23-05</u>			
Break Pressure:	<u>N/A</u> psi	_____ psi	_____ psi	_____ psi
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi	_____ psi	_____ psi	_____ psi

Drilling Conditions/Notes:

0-30 f/m sand eqvl. Bk & gy silt some wood

30'-37' RD BN silty clay f/m sand & gvl sm. cobbles

37'-65' Bedrock (quartz & mica schist)

Recorded by: Vincent A. Mitchell Vincent A. Mitchell
Print Name Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-83</u>	Design Load: <u>220k</u>
Job Name: <u>RIVERPUCE PHASE II</u>	Installed Date: <u>12-27-05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42ND St & 11TH AVE</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 12-27-05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi

Anchor Inclination = _____ °

Tail Length = 5 ft
Unbonded Length = 30 ft
Bond Length = 35 ft
Total Drill Length = 65 ft
Casing size (OD) = 133 in / mm
Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12-27-05</u>			
Break Pressure:	<u>N/A</u> psi	_____ psi	_____ psi	_____ psi
No. of 94lb Bags:	<u>28</u>			
Regrout Pressure:	<u>N/A</u> psi	_____ psi	_____ psi	_____ psi

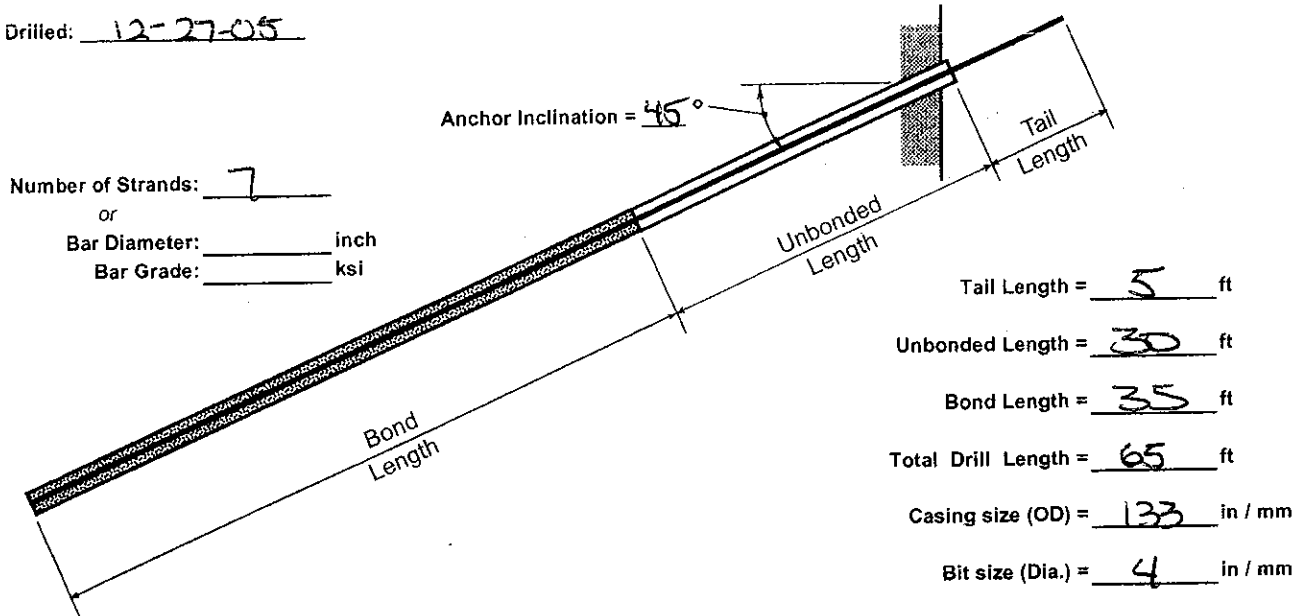
Drilling Conditions/Notes:

0-30' flm sand & gravel Bk & gy silt & wood
30'-33' RD BN silty clay flm sand & gravel & sm. Cobbles
33'-65' Bedrock (quartz & mica schist)

Recorded by: Vincent A. Mitchell Vincent A. Mitchell
Print Name Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-84</u>	Design Load: <u>220 k</u>
Job Name: <u>REINFORCEMENT PILES II</u>	Installed Date: <u>12-27-05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42nd St & 11th AVE</u>	Drill Rig No: <u>Klemm-806</u>	

 Date Drilled: 12-27-05


GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12-27-05</u>			
Break Pressure:	<u>N/A</u> psi	_____ psi	_____ psi	_____ psi
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi	_____ psi	_____ psi	_____ psi

Drilling Conditions/Notes:

0-30' f/m sand & gvl. Blk & Gy silt wood
30'-33' ADON clayey silt f/m sand & gvl sm. cobbles
33'-65' Bedrock (quartz & mica schist)

SCANNED

Recorded by:

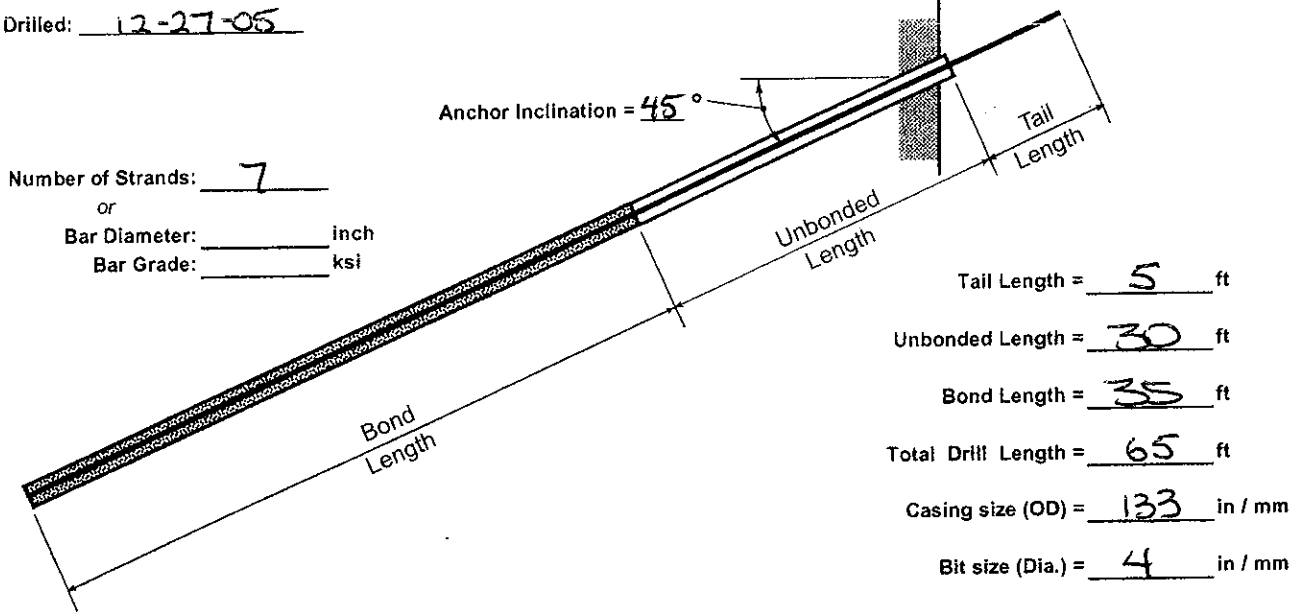
Vincent A. Mitchell
Vincent A. Mitchell
 Print Name

Vincent A. Mitchell
 Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-85</u>	Design Load: <u>220 k</u>
Job Name: <u>RIVERVIEW-Phase II</u>	Installed Date: <u>12-27-05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42nd St & 11th Ave</u>	Drill Rig No: <u>Klemm-806</u>	

Date Drilled: 12-27-05



GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12-27-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>20</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

0-30' f/m sand & gravel B.K. & Gy Silt some wood
30'-33' RD BN clayey silt sm cobbles (fill)
33'-65' Bedrock (quartz & mica schist)

SCANNED

Recorded by:

Vincent A. Mitchell
Print Name

Vincent A. Mitchell
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-86</u>	Design Load: <u>220 k</u>
Job Name: <u>RIVERPUCE Phase II</u>	Installed Date: <u>12-28-05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42nd St & 11th AVE</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 12-27-05

Anchor Inclination = 45°

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi

Tail Length = 5 ft
Unbonded Length = 30 ft
Bond Length = 35 ft
Total Drill Length = 65 ft
Casing size (OD) = 133 in / mm
Bit size (Dia.) = 4 in / mm

GROUTING RECORD				
	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12-28-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:				
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

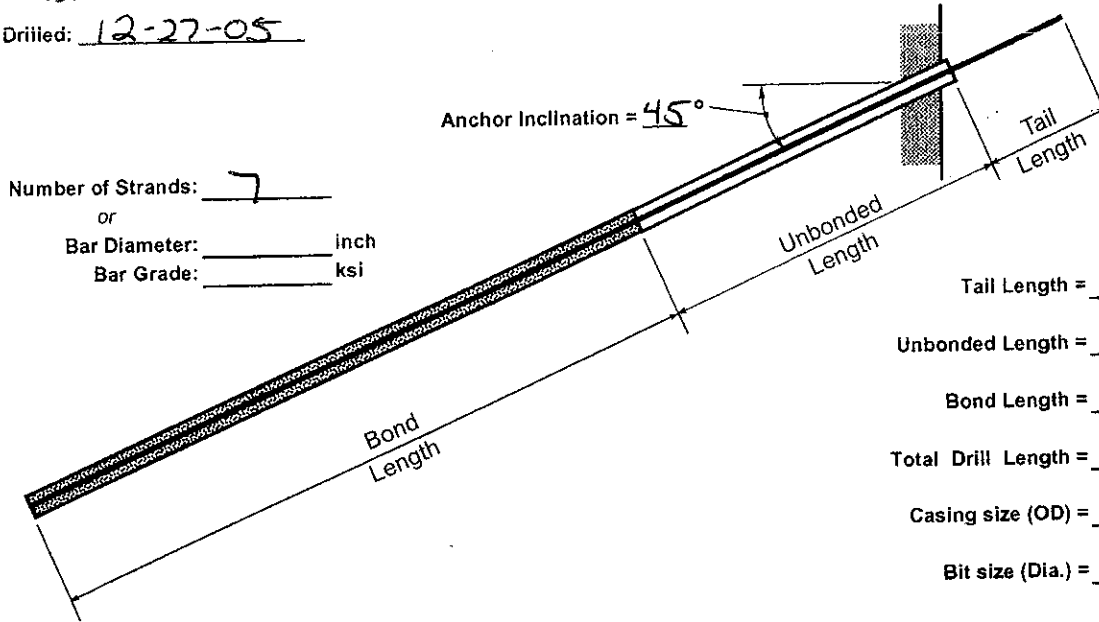
<u>0-30'</u>	<u>f/m sand & gravel Bk & gy silt & wood</u>
<u>30'-33'</u>	<u>ED BN silty clay f/m sand & gravel sm. cobbles</u>
<u>33'-65'</u>	<u>Bedrock (quartz + mica schist)</u>

SCANNED

Recorded by: <u>Vincent A. Mitchell</u> Print Name	<u>Vincent A. Mitchell</u> Signature
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ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-86</u>	Design Load: <u>220k</u>
Job Name: <u>REPAIR - Phase II</u>	Installed Date: <u>12-28-05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42nd St & 11th Ave</u>	Drill Rig No: <u>Klemm-806</u>	

 Date Drilled: 12-27-05

 Tail Length = 5 ft

 Unbonded Length = 30 ft

 Bond Length = 35 ft

 Total Drill Length = 65 ft

 Casing size (OD) = 130 in / mm

 Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12-28-05</u>			
Break Pressure:	<u>N/A</u> psi			
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi			

Drilling Conditions/Notes:

0-30' f/m sand & gravel Bk & Gy silt & wood
30'-33' RDBW silty clay f/m sand & gravel sm. Cobbles
33'-65' Bedrock

SCANNED

Recorded by:

Vincent A. Mitchell
 Print Name

Vincent A. Mitchell
 Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-87</u>	Design Load: <u>220 k</u>
Job Name: <u>REPAIR - Phase II</u>	Installed Date: <u>12-28-05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42ND ST & 11TH AVE</u>	Drill Rig No: <u>Klemm-806</u>	
Date Drilled: <u>12-28-05</u>		

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi

Anchor Inclination = 45°

Bond Length

Unbonded Length

Tail Length

Tail Length = 5 ft
Unbonded Length = 30 ft
Bond Length = 35 ft
Total Drill Length = 65 ft
Casing size (OD) = 133 in / mm
Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12-28-05</u>			
Break Pressure:	<u>N/A</u> psi	_____ psi	_____ psi	_____ psi
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi	_____ psi	_____ psi	_____ psi

Drilling Conditions/Notes:

0-30' f/m sand & gravel Bk & Gy silt & wood

30'-33' RDBN silty clay f/m sand & gravel Sm. Cobbles

33'-65' Bedrock

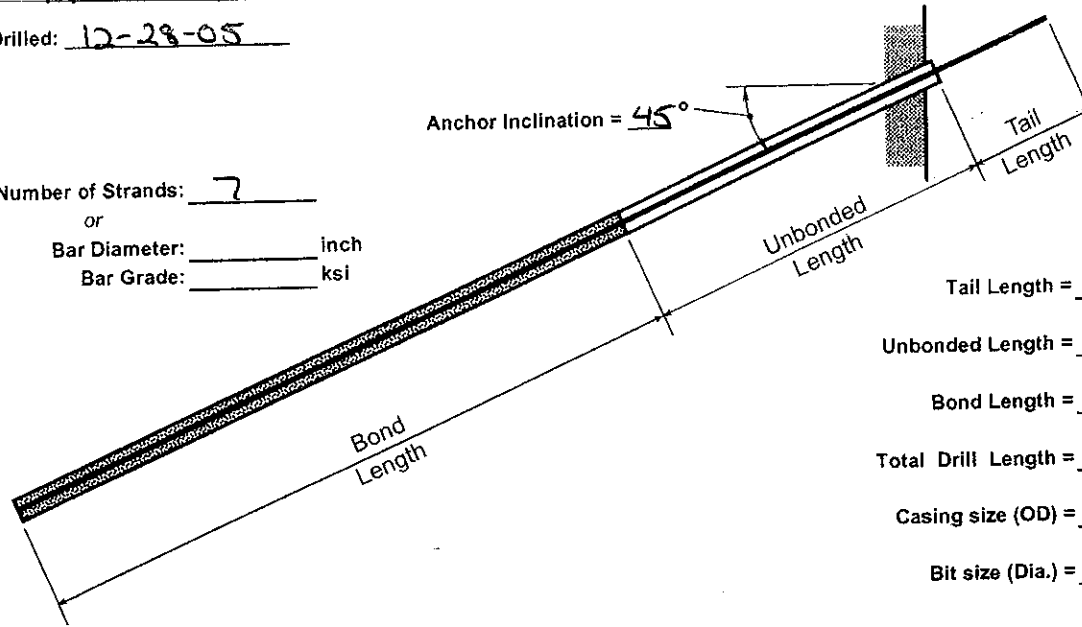
SCANNED

Recorded by: <u>Vincent A. Mitchell</u>	<u>Vincent A. Mitchell</u>
Print Name	Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-88</u>	Design Load: <u>220k</u>
Job Name: <u>REINFORCEMENT - PHASE II</u>	Installed Date: <u>12-28-05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42ND ST & 11TH AVE</u>	Drill Rig No: <u>KLEMM-806</u>	

 Date Drilled: 12-28-05

 Number of Strands: 7
 or
 Bar Diameter: _____ inch
 Bar Grade: _____ ksi

 Tail Length = 5 ft
 Unbonded Length = 25 ft
 Bond Length = 35 ft
 Total Drill Length = 60 ft
 Casing size (OD) = 1.33 in / mm
 Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12-28-05</u>			
Break Pressure:	<u>N/A</u> psi	_____ psi	_____ psi	_____ psi
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi	_____ psi	_____ psi	_____ psi

 Drilling Conditions/Notes:
0-7' f/m sand & gul tr. silt
7'-20' wood brick blk silt
20'-60' Bedrock

SCANNED

Recorded by:

Vincent A. Mitchell
 Print Name

Vincent A. Mitchell
 Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-89</u>	Design Load: <u>220k</u>
Job Name: <u>REINFORCE-Phase II</u>	Installed Date: <u>12-28-05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42ND St & 11TH AVE</u>	Drill Rig No: <u>Klemm-806</u>	
Date Drilled: <u>12-28-05</u>		

Anchor Inclination = 45°

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi

Bond Length
Unbonded Length
Tail Length

Tail Length = 5 ft
Unbonded Length = 25 ft
Bond Length = 35 ft
Total Drill Length = 60 ft
Casing size (OD) = 133 in / mm
Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12-28-05</u>			
Break Pressure:	<u>N/A</u> psi	_____ psi	_____ psi	_____ psi
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi	_____ psi	_____ psi	_____ psi

Drilling Conditions/Notes:

0-7' f/m sand & gravel tr. silt
7'-20' wood brick black silt
20'-60' Bedrock

SCANNED

Recorded by:

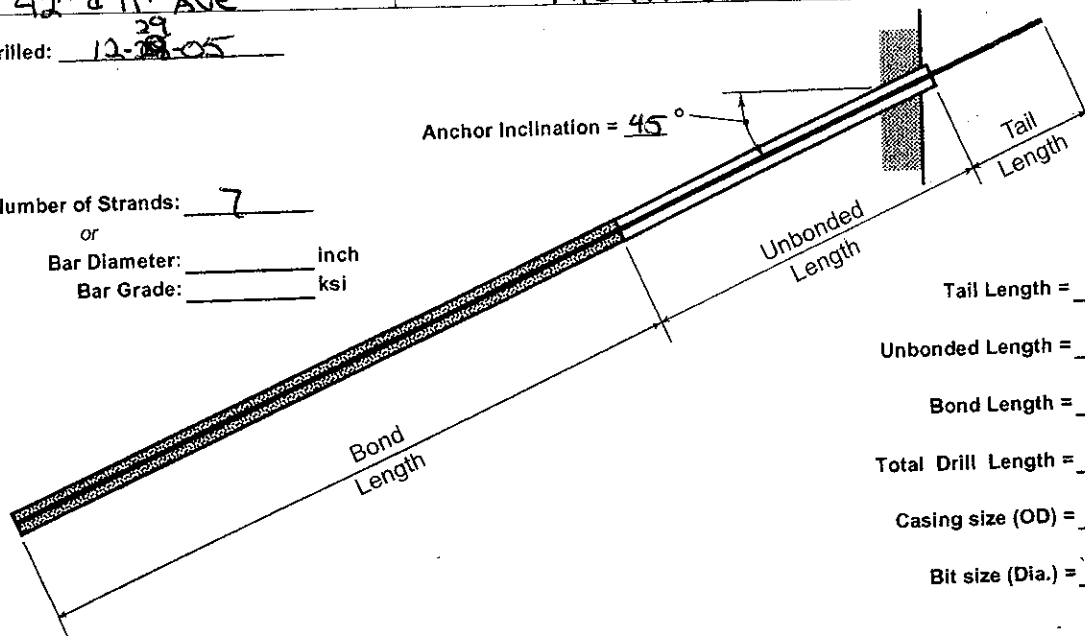
Vincent A. Mitchell
Print NameVincent A. Mitchell
Signature

ANCHOR INSTALLATION RECORD

Job No: <u>71-8124</u>	Anchor No: <u>T-90</u>	Design Load: <u>220k</u>
Job Name: <u>EXPANSION-Phase II</u>	Installed Date: <u>12-30-05</u>	Driller: <u>V. Mitchell</u>
Location: <u>42nd & 11th Ave</u>	Drill Rig No: <u>Klemm 806</u>	

Date Drilled: 12-29-05

Number of Strands: 7
or
Bar Diameter: _____ inch
Bar Grade: _____ ksi



Tail Length = 5 ft
Unbonded Length = 25 ft
Bond Length = 35 ft
Total Drill Length = 60 ft
Casing size (OD) = 133 in / mm
Bit size (Dia.) = 4 in / mm

GROUTING RECORD

	Initial Grout	1st Regrout	2nd Regrout	3rd Regrout
Date of Grout / Regrout:	<u>12-30-05</u>			
Break Pressure:	<u>N/A</u> psi	_____ psi	_____ psi	_____ psi
No. of 94lb Bags:	<u>14</u>			
Regrout Pressure:	<u>N/A</u> psi	_____ psi	_____ psi	_____ psi

Drilling Conditions/Notes:

0-7' f/m sand & gul. tr. silt
7'-20' wood brick blk silt
20'-60' Bedrock

SCANNED

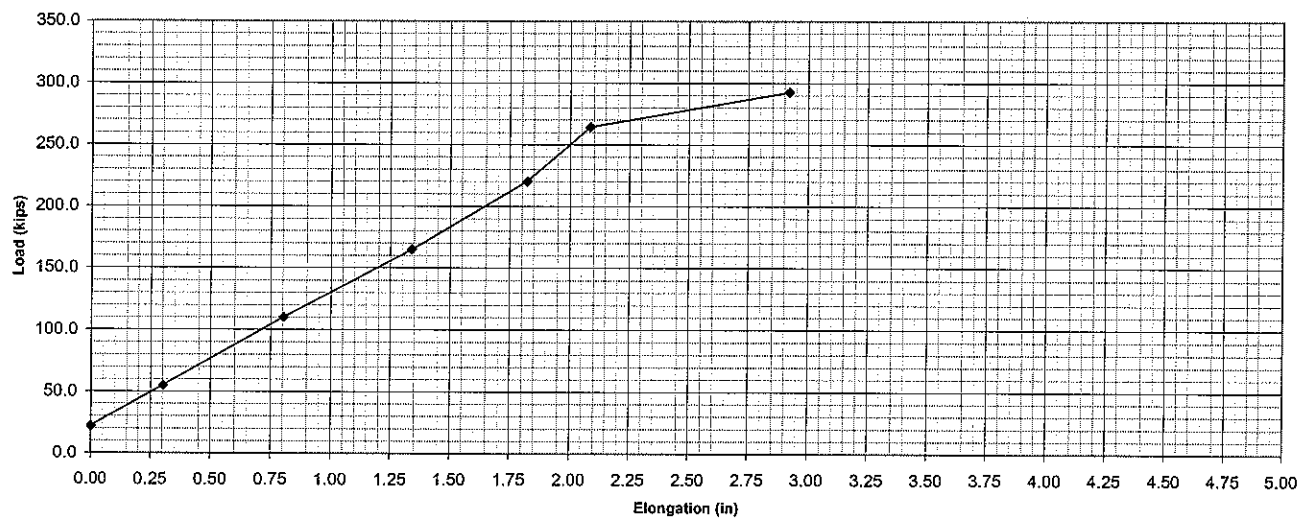
Recorded by: Vincent A. Mitchell
Print Name

Vincent A. Mitchell
Signature

ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T2		Date Tested: 1/4/2006
Job Name: Riverplace II-600 West 42nd			Date Installed: 12/30/2005		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.304	
50%	110.0		2550	0.803	
75%	165.0		3825	1.340	
100%	220.0		5075	1.821	
120%	264.0		6100	2.085	
133%	293		6750	2.921	
	293	1 min	6750	2.923	
	293	2 min	6750	2.923	
	293	3 min	6750	2.924	
	293	4 min	6750	2.924	
	293	5 min	6750	2.924	
	293	6 min	6750	2.924	
	293	10 min	6750	2.924	Move. 1 -10 min.(<0.04"); 0.001
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08");
		60 min			
LL-75%	165.0		3850		LOCK-OFF LOAD: 165.0

Proof Test





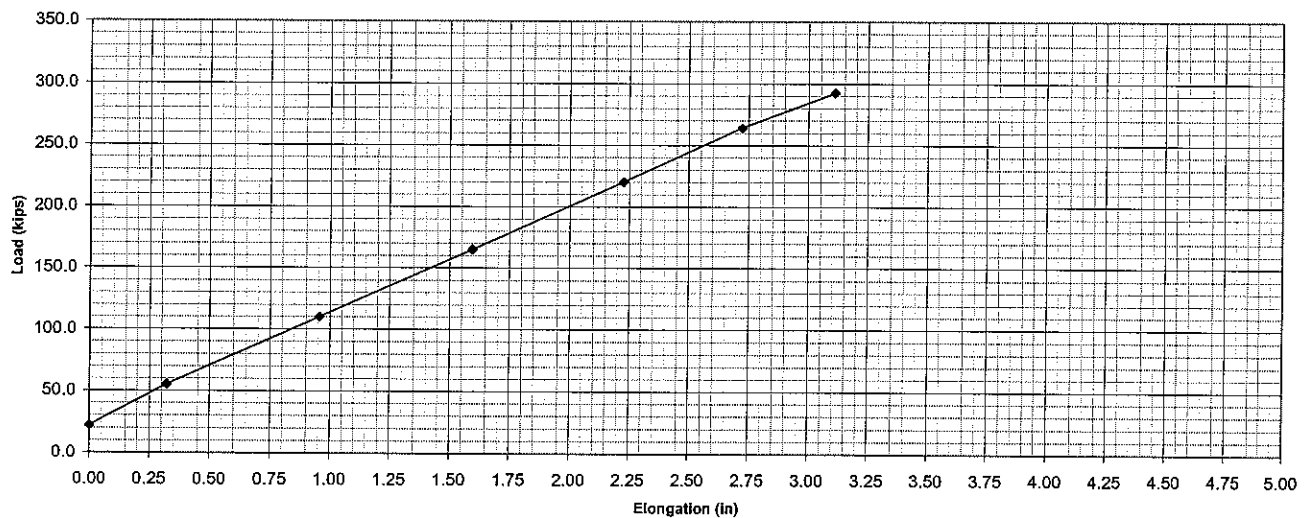
Geotechnical Contractors

Moretrench Geotec
100 Stickie Avenue
P.O. Box 316
Rockaway, NJ 07866
Telephone: 973-627-2100
Facsimile: 973-586-7265

ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124		ANCHOR NO: T3		Date Tested: 1/5/2006	
Job Name: Riverplace II-600 West 42nd		Date Installed: 12/30/2005		Design Load: 220 Kips	
Tested by: F.R. Smith		Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005	
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.322	
50%	110.0		2550	0.958	
75%	165.0		3825	1.595	
100%	220.0		5075	2.227	
120%	264.0		6100	2.724	
133%	293		6750	3.111	
	293	1 min	6750	3.116	
	293	2 min	6750	3.120	
	293	3 min	6750	3.120	
	293	4 min	6750	3.120	
	293	5 min	6750	3.121	
	293	6 min	6750	3.121	
	293	10 min	6750	3.121	Move. 1 -10 min.(<0.04"): 0.005
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3925		LOCK-OFF LOAD: 165.0

Proof Test





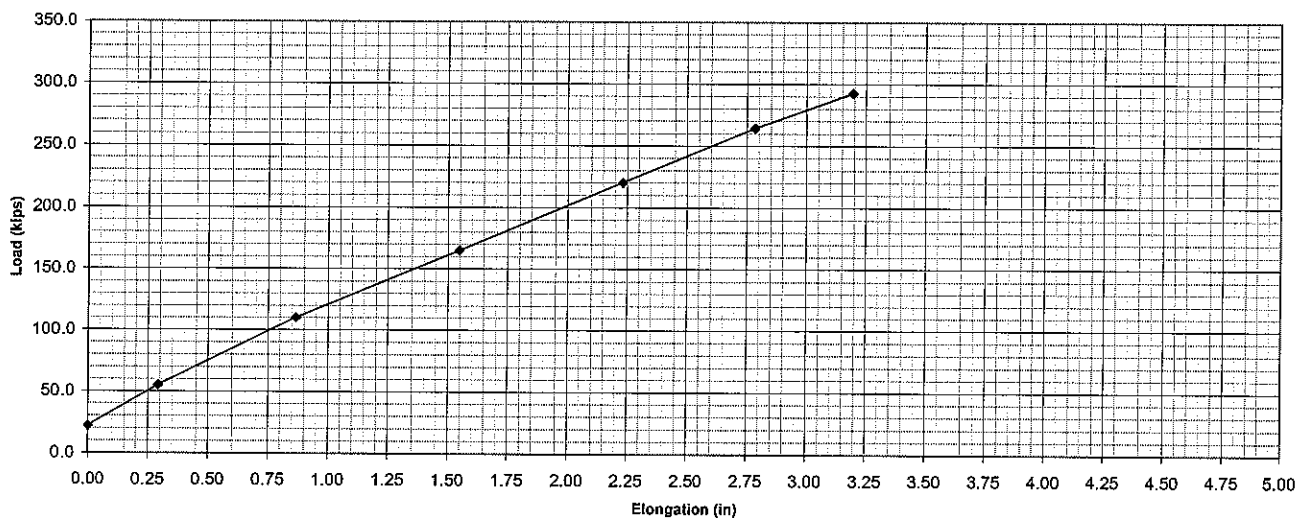
Geotechnical Contractors

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Facsimile: 973-586-7265

ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T4		Date Tested: 1/9/2006
Job Name: Riverplace II-600 West 42nd			Date Installed: 1/3/2006		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (Inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.292	
50%	110.0		2550	0.867	
75%	165.0		3825	1.547	
100%	220.0		5075	2.232	
120%	264.0		6100	2.784	
133%	293		6750	3.195	
	293	1 min	6750	3.210	
	293	2 min	6750	3.212	
	293	3 min	6750	3.213	
	293	4 min	6750	3.213	
	293	5 min	6750	3.213	
	293	6 min	6750	3.213	
	293	10 min	6750	3.213	Move. 1 -10 min.(<0.04"): 0.003
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3900		LOCK-OFF LOAD: 165.0

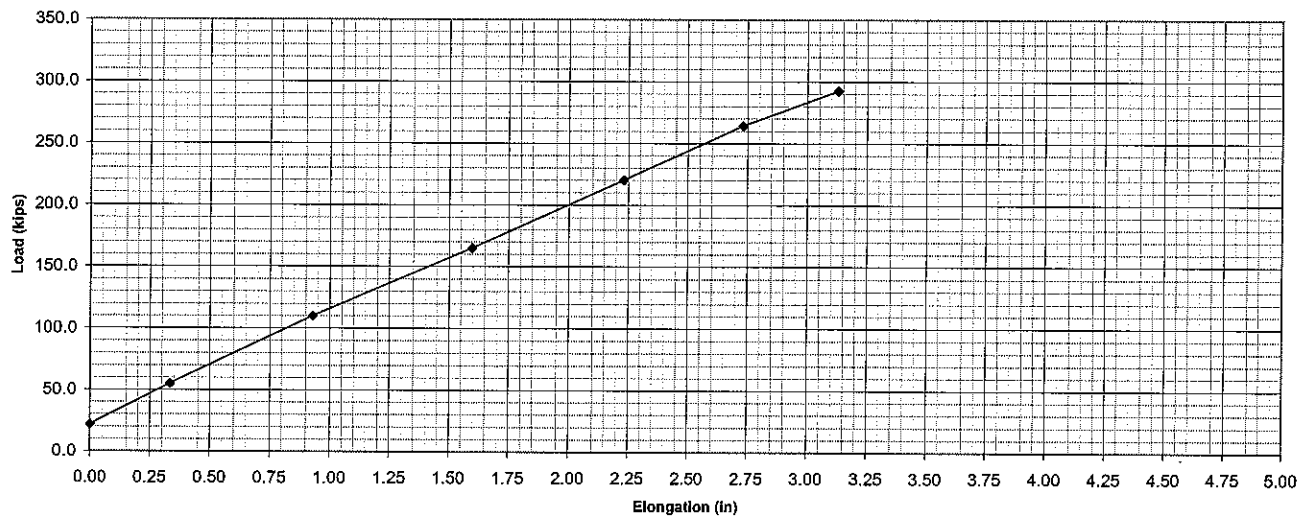
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T5		Date Tested: 1/9/2006
Job Name: Riverplace II-600 West 42nd			Date Installed: 1/3/2006		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.335	
50%	110.0		2550	0.930	
75%	165.0		3825	1.596	
100%	220.0		5075	2.231	
120%	264.0		6100	2.732	
133%	293		6750	3.130	
	293	1 min	6750	3.139	
	293	2 min	6750	3.139	
	293	3 min	6750	3.140	
	293	4 min	6750	3.140	
	293	5 min	6750	3.140	
	293	6 min	6750	3.140	
	293	10 min	6750	3.140	Move. 1 -10 min. (<0.04"); 0.001
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min. (<0.08");
		60 min			
LL-75%	165.0		3850		LOCK-OFF LOAD: 165.0

Proof Test





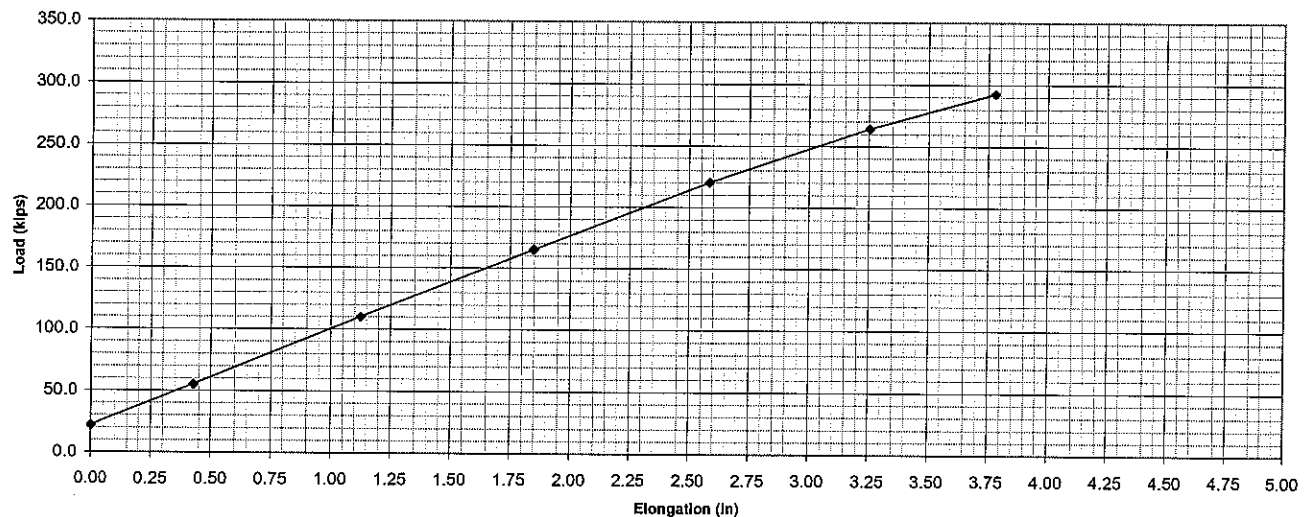
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Facsimile: 973-586-7265

ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T6		Date Tested: 1/9/2006
Job Name: Riverplace II-600 West 42nd			Date Installed: 1/4/2006		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.427	
50%	110.0		2550	1.124	
75%	165.0		3825	1.847	
100%	220.0		5075	2.585	
120%	264.0		6100	3.255	
133%	293		6750	3.780	
	293	1 min	6750	3.835	
	293	2 min	6750	3.838	
	293	3 min	6750	3.840	
	293	4 min	6750	3.840	
	293	5 min	6750	3.841	
	293	6 min	6750	3.841	
	293	10 min	6750	3.843	Move. 1 -10 min.(<0.04"): 0.008
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3900		LOCK-OFF LOAD: 165.0

Proof Test





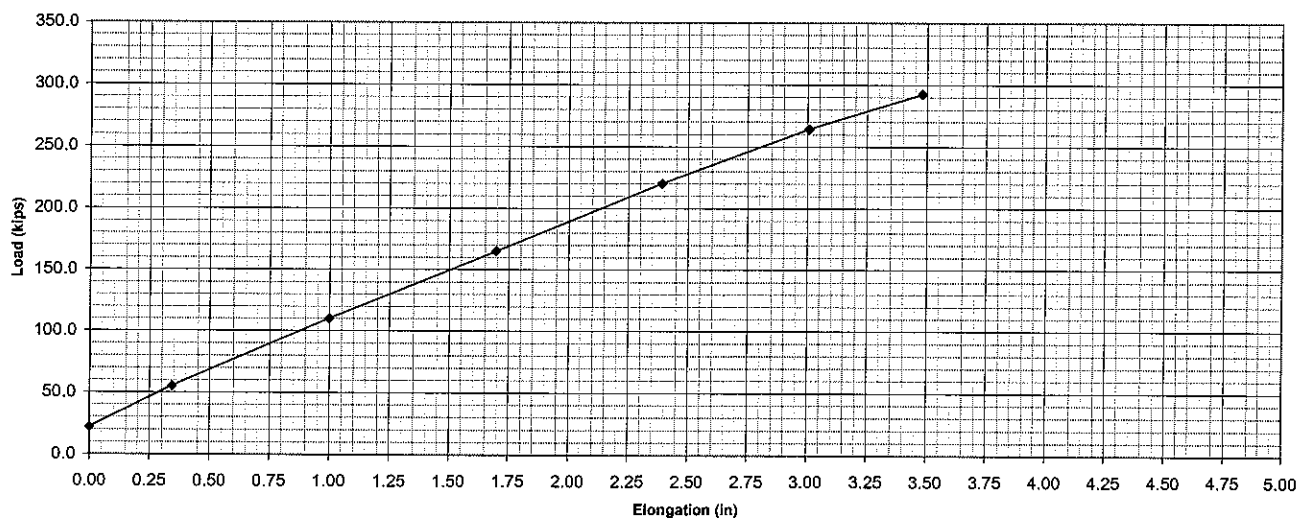
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Facsimile: 973-586-7265

ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T7		Date Tested: 1/9/2006
Job Name: Riverplace II-600 West 42nd			Date Installed: 1/4/2006		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.342	
50%	110.0		2550	0.999	
75%	165.0		3825	1.697	
100%	220.0		5075	2.390	
120%	264.0		6100	3.007	
133%	293		6750	3.481	
	293	1 min	6750	3.515	
	293	2 min	6750	3.517	
	293	3 min	6750	3.518	
	293	4 min	6750	3.518	
	293	5 min	6750	3.520	
	293	6 min	6750	3.520	
	293	10 min	6750	3.520	Move. 1 -10 min.(<0.04"): 0.005
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3900		LOCK-OFF LOAD: 165.0

Proof Test





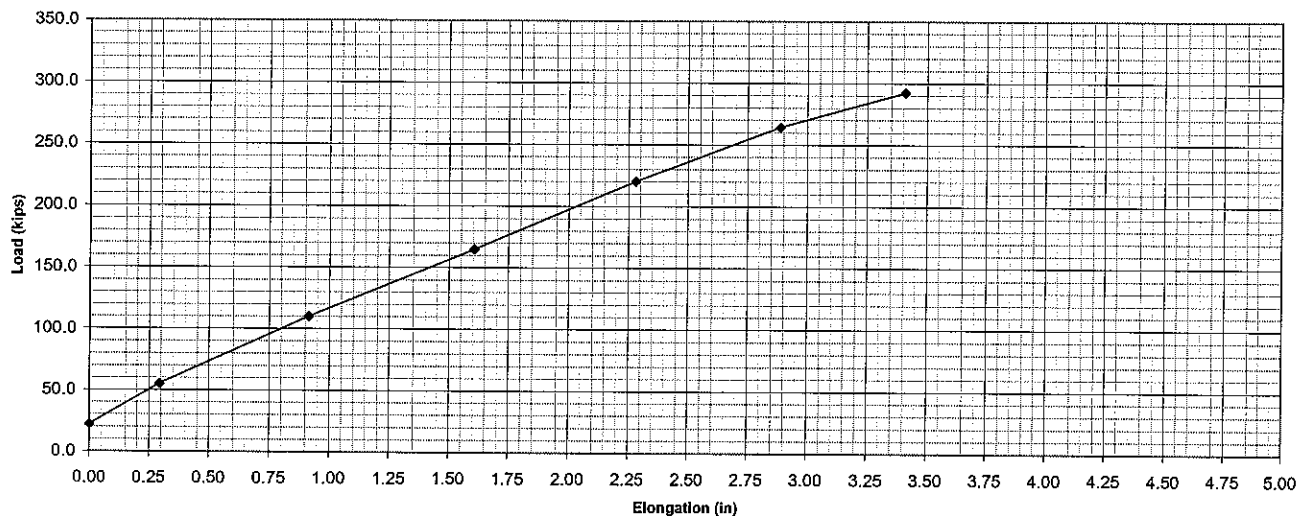
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ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T8		Date Tested: 1/9/2006
Job Name: Riverplace II-600 West 42nd			Date Installed: 1/4/2006		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (Inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.295	
50%	110.0		2550	0.915	
75%	165.0		3825	1.606	
100%	220.0		5075	2.281	
120%	264.0		6100	2.888	
133%	293		6750	3.409	
	293	1 min	6750	3.422	
	293	2 min	6750	3.425	
	293	3 min	6750	3.429	
	293	4 min	6750	3.430	
	293	5 min	6750	3.431	
	293	6 min	6750	3.432	
	293	10 min	6750	3.435	Move. 1 -10 min.(<0.04"): 0.013
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3850		LOCK-OFF LOAD: 165.0

Proof Test





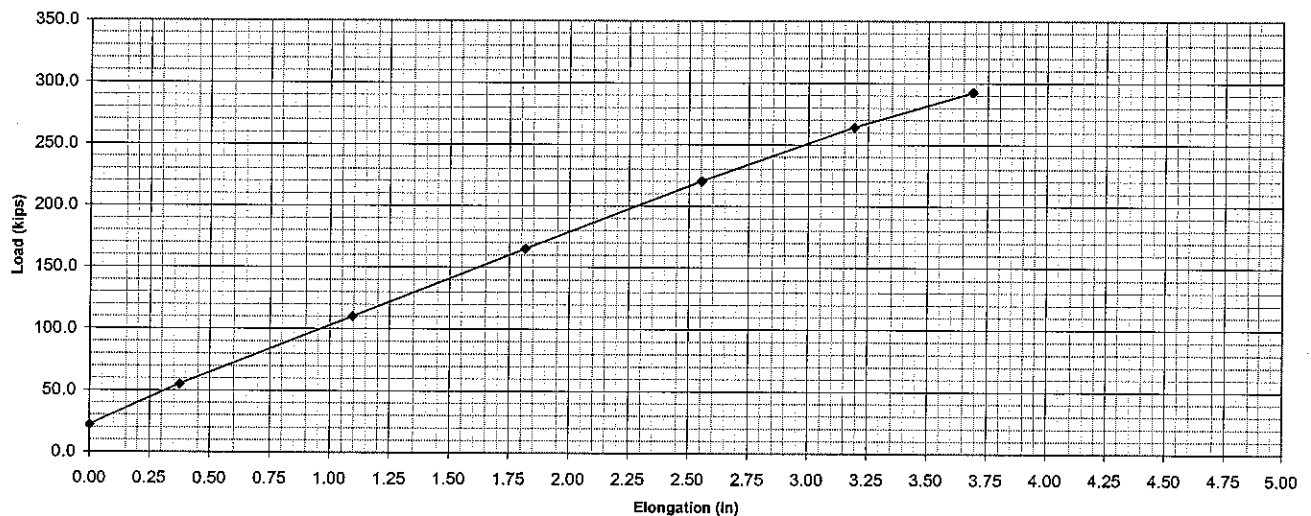
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ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T9		Date Tested: 1/9/2006
Job Name: Riverplace II-600 West 42nd			Date Installed: 1/5/2006		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.375	
50%	110.0		2550	1.096	
75%	165.0		3825	1.816	
100%	220.0		5075	2.554	
120%	264.0		6100	3.193	
133%	293		6750	3.688	
	293	1 min	6750	3.762	
	293	2 min	6750	3.762	
	293	3 min	6750	3.762	
	293	4 min	6750	3.762	
	293	5 min	6750	3.762	
	293	6 min	6750	3.766	
	293	10 min	6750	3.766	Move. 1 -10 min.(<0.04"): 0.004
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3900		LOCK-OFF LOAD: 165.0

Proof Test





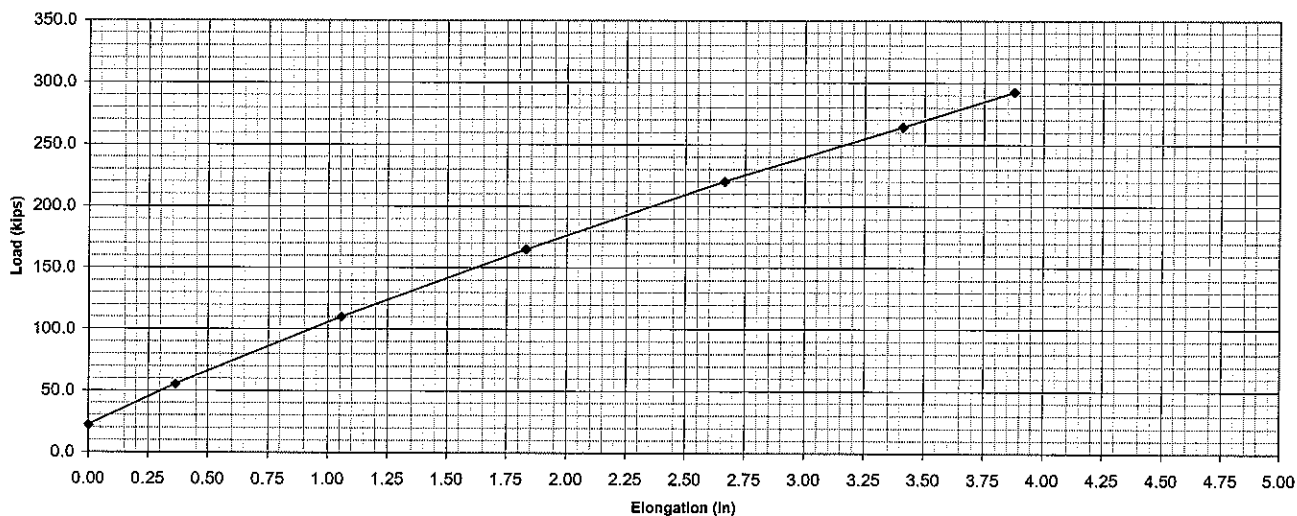
Geotechnical Contractors

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100 Stickie Avenue
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Facsimile: 973-586-7265

ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T10		Date Tested: 12/27/2005
Job Name: Riverplace II-600 West 42nd			Date Installed: 12/22/2005		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (Inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.364	
50%	110.0		2550	1.057	
75%	165.0		3825	1.830	
100%	220.0		5075	2.665	
120%	264.0		6100	3.410	
133%	293		6750	3.878	
	293	1 min	6750	3.884	
	293	2 min	6750	3.885	
	293	3 min	6750	3.886	
	293	4 min	6750	3.894	
	293	5 min	6750	3.894	
	293	6 min	6750	3.894	
	293	10 min	6750	3.895	Move. 1 -10 min.(<0.04"): 0.011
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3900		LOCK-OFF LOAD: 165.0

Proof Test





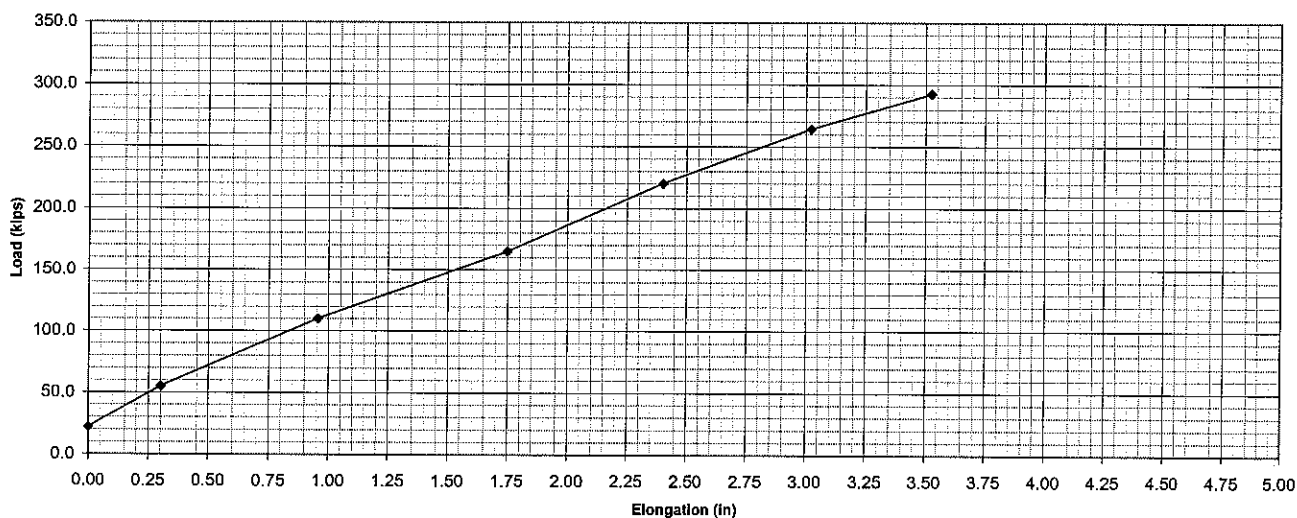
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100 Stickle Avenue
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Rockaway, NJ 07866
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Facsimile: 973-686-7265

ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T11		Date Tested: 12/27/2005
Job Name: Riverplace II-600 West 42nd			Date Installed: 12/21/2005		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.301	
50%	110.0		2550	0.957	
75%	165.0		3825	1.748	
100%	220.0		5075	2.401	
120%	264.0		6100	3.021	
133%	293		6750	3.525	
	293	1 min	6750	3.580	
	293	2 min	6750	3.584	
	293	3 min	6750	3.586	
	293	4 min	6750	3.590	
	293	5 min	6750	3.592	
	293	6 min	6750	3.593	
	293	10 min	6750	3.597	Move. 1 -10 min.(<0.04"): 0.017
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3850		LOCK-OFF LOAD: 165.0

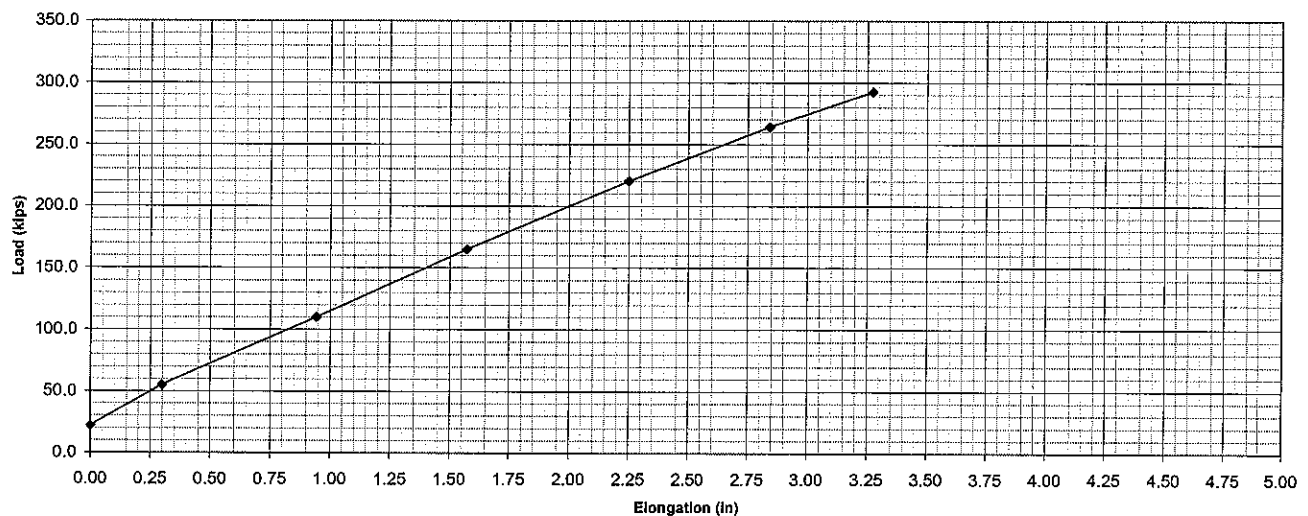
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T12		Date Tested: 12/27/2005
Job Name: Riverplace II-600 West 42nd			Date Installed: 12/21/2005		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.299	
50%	110.0		2550	0.944	
75%	165.0		3825	1.572	
100%	220.0		5075	2.250	
120%	264.0		6100	2.843	
133%	293		6750	3.274	
	293	1 min	6750	3.304	
	293	2 min	6750	3.308	
	293	3 min	6750	3.308	
	293	4 min	6750	3.308	
	293	5 min	6750	3.309	
	293	6 min	6750	3.309	
	293	10 min	6750	3.311	Move. 1 -10 min.(<0.04"); 0.007
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08");
		60 min			
LL-75%	165.0		3900		LOCK-OFF LOAD: 165.0

Proof Test





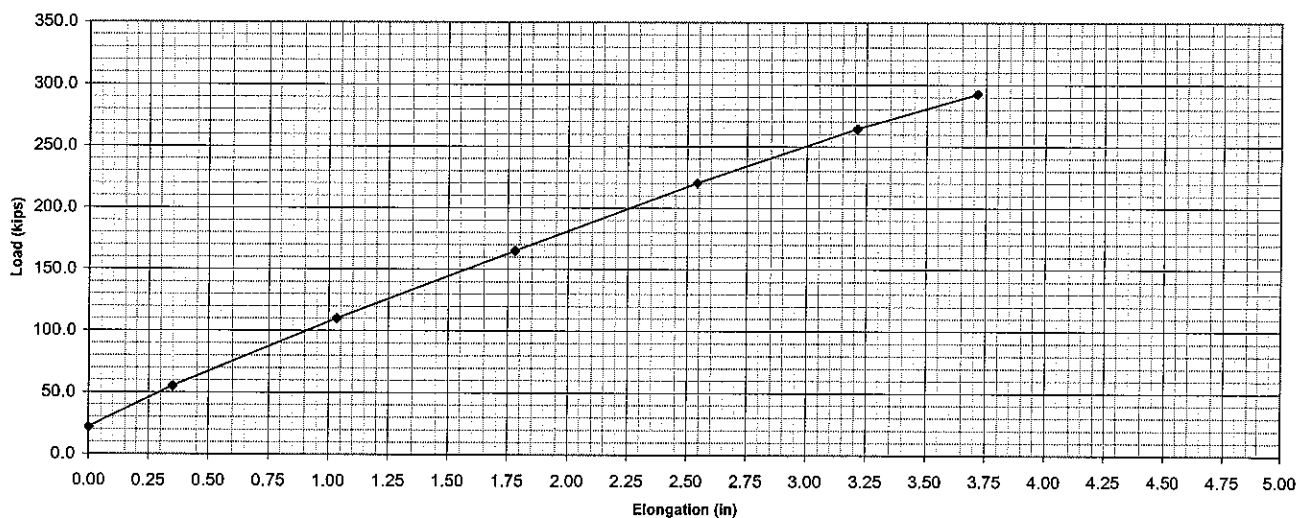
Geotechnical Contractors

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100 Stickle Avenue
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Rockaway, NJ 07866
Telephone: 973-627-2100
Facsimile: 973-586-7265

ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T13		Date Tested: 12/27/2005
Job Name: Riverplace II-600 West 42nd			Date Installed: 12/21/2005		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.351	
50%	110.0		2550	1.035	
75%	165.0		3825	1.781	
100%	220.0		5075	2.543	
120%	264.0		6100	3.210	
133%	293		6750	3.714	
	293	1 min	6750	3.718	
	293	2 min	6750	3.719	
	293	3 min	6750	3.720	
	293	4 min	6750	3.722	
	293	5 min	6750	3.723	
	293	6 min	6750	3.724	
	293	10 min	6750	3.725	Move. 1 -10 min.(<0.04"): 0.007
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3800		LOCK-OFF LOAD: 165.0

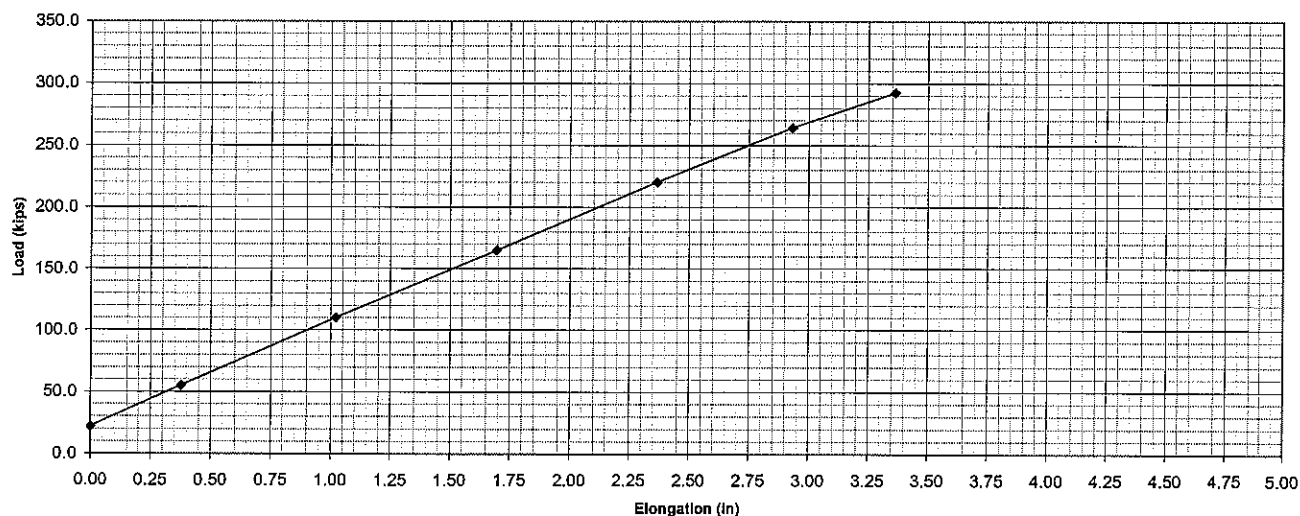
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T14		Date Tested: 12/27/2005
Job Name: Riverplace II-600 West 42nd			Date Installed: 12/20/2005		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.378	
50%	110.0		2550	1.023	
75%	165.0		3825	1.696	
100%	220.0		5075	2.368	
120%	264.0		6100	2.931	
133%	293		6750	3.362	
	293	1 min	6750	3.376	
	293	2 min	6750	3.380	
	293	3 min	6750	3.380	
	293	4 min	6750	3.381	
	293	5 min	6750	3.385	
	293	6 min	6750	3.386	
	293	10 min	6750	3.386	Move. 1 -10 min.(<0.04"): 0.010
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3800		LOCK-OFF LOAD: 165.0

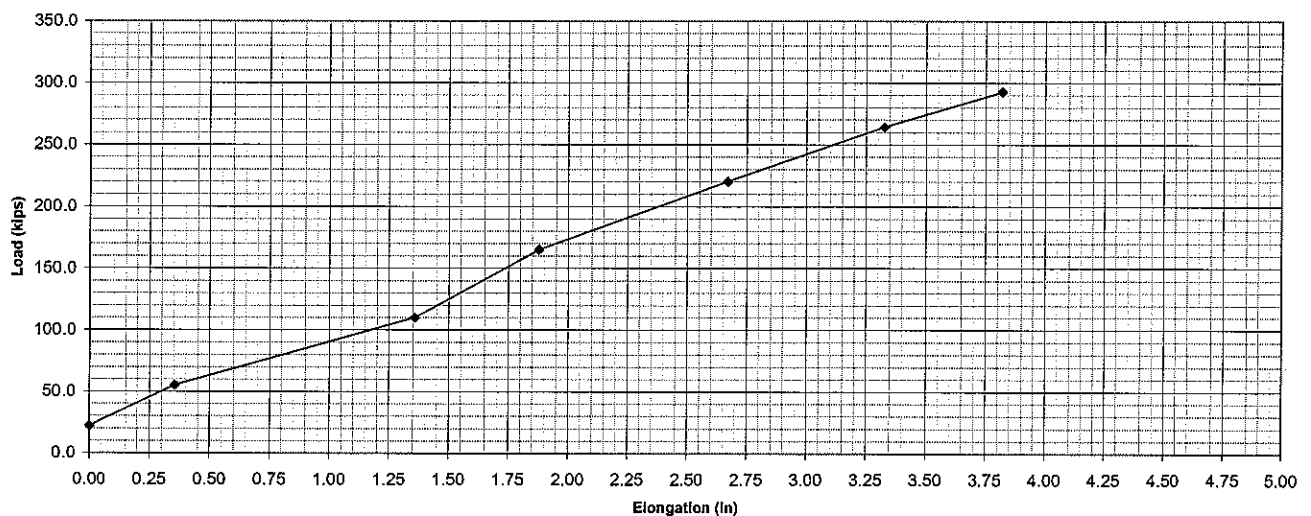
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T15		Date Tested: 12/23/2005
Job Name: Riverplace II-600 West 42nd			Date Installed: 12/19/2005		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.355	
50%	110.0		2550	1.358	
75%	165.0		3825	1.878	
100%	220.0		5075	2.670	
120%	264.0		6100	3.326	
133%	293		6750	3.819	
	293	1 min	6750	3.837	
	293	2 min	6750	3.839	
	293	3 min	6750	3.839	
	293	4 min	6750	3.840	
	293	5 min	6750	3.840	
	293	6 min	6750	3.840	
	293	10 min	6750	3.840	Move. 1 -10 min.(<0.04"): 0.003
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3800		LOCK-OFF LOAD: 165.0

Proof Test





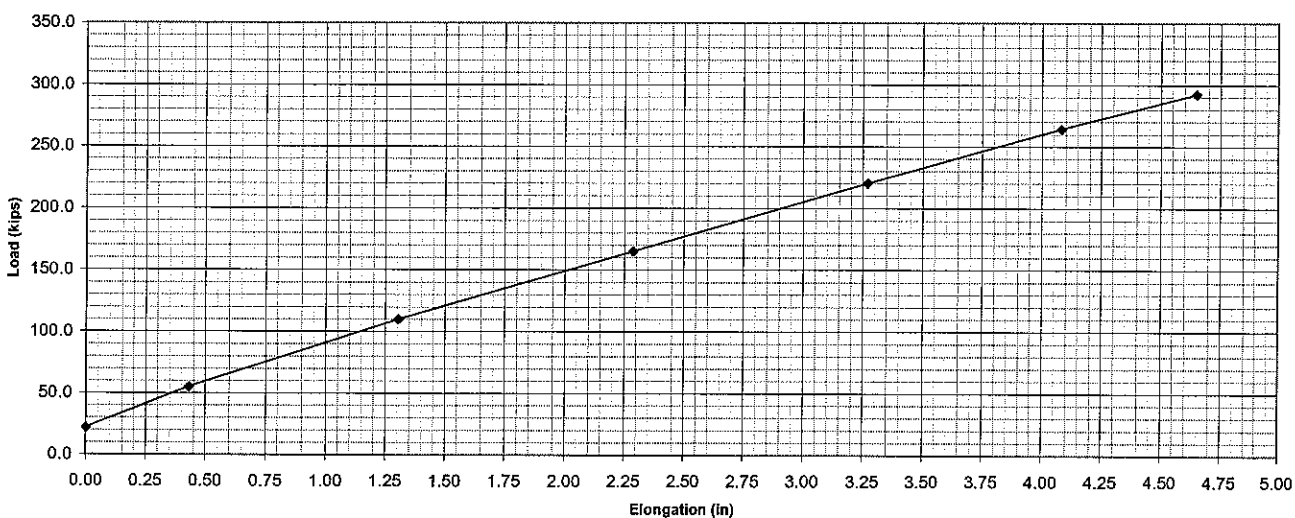
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ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T16		Date Tested: 12/23/2005
Job Name: Riverplace II-600 West 42nd			Date Installed: 12/19/2005		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.431	
50%	110.0		2550	1.305	
75%	165.0		3825	2.287	
100%	220.0		5075	3.270	
120%	264.0		6100	4.082	
133%	293		6750	4.650	
	293	1 min	6750	4.681	
	293	2 min	6750	4.682	
	293	3 min	6750	4.689	
	293	4 min	6750	4.690	
	293	5 min	6750	4.690	
	293	6 min	6750	4.691	
	293	10 min	6750	4.692	Move. 1 -10 min. (<0.04"): 0.011
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min. (<0.08"):
		60 min			
LL-75%	165.0		3800		LOCK-OFF LOAD: 165.0

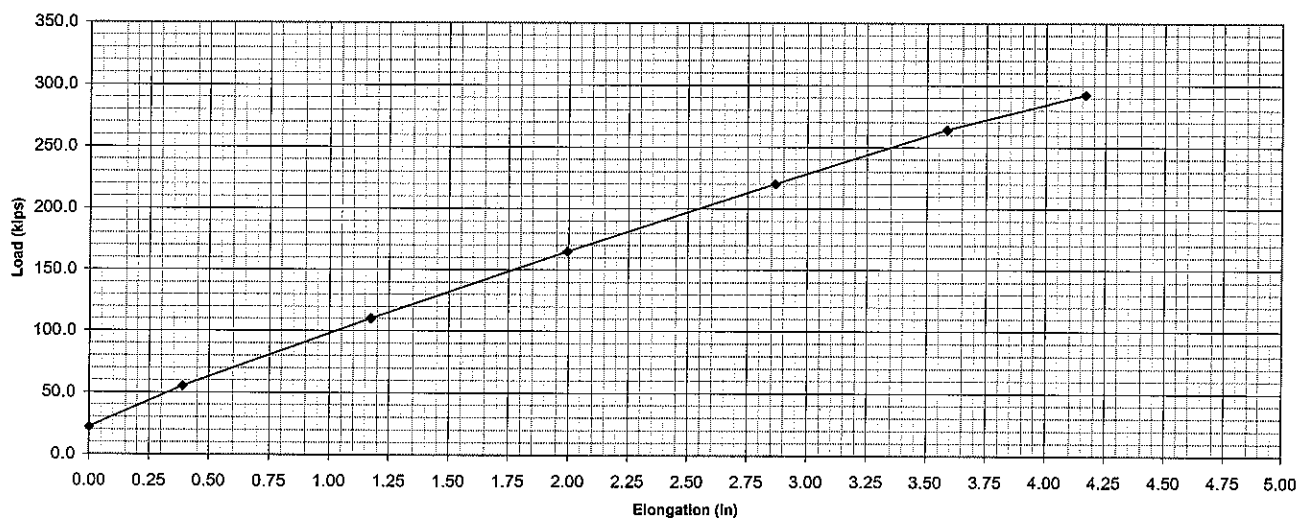
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T17		Date Tested: 12/23/2005
Job Name: Riverplace II-600 West 42nd			Date Installed: 12/19/2005		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.390	
50%	110.0		2550	1.174	
75%	165.0		3825	1.995	
100%	220.0		5075	2.867	
120%	264.0		6100	3.585	
133%	293		6750	4.166	
	293	1 min	6750	4.363	
	293	2 min	6750	4.363	
	293	3 min	6750	4.363	
	293	4 min	6750	4.363	
	293	5 min	6750	4.363	
	293	6 min	6750	4.363	
	293	10 min	6750	4.363	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3825		LOCK-OFF LOAD: 165.0

Proof Test





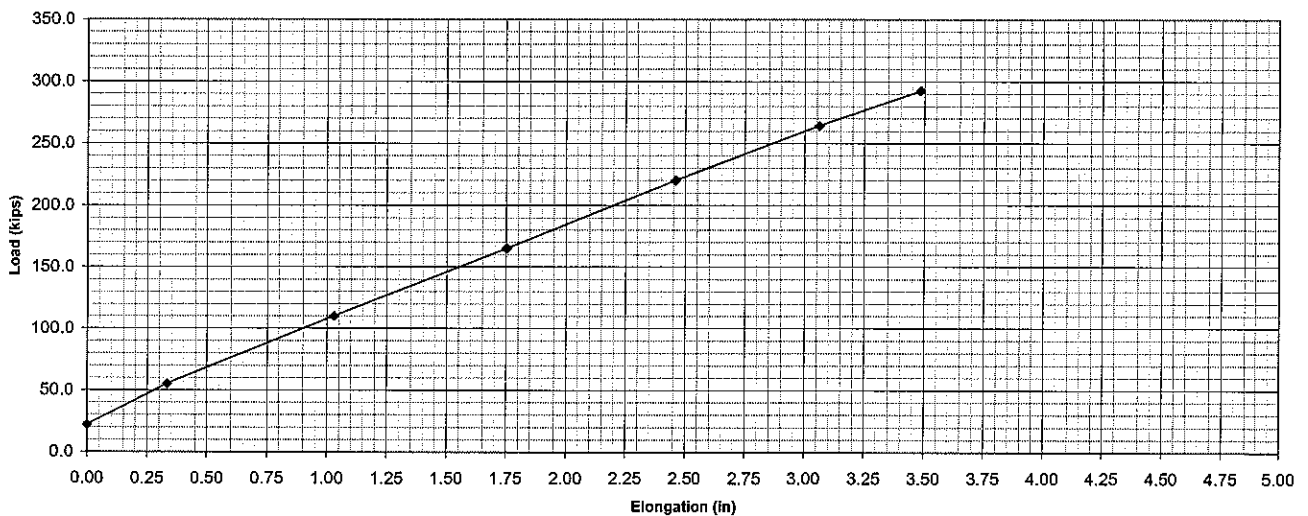
Geotechnical Contractors

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P.O. Box 316
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ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T18		Date Tested: 12/22/2005
Job Name: Riverplace II-600 West 42nd			Date installed: 12/17/2005		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.333	
50%	110.0		2550	1.030	
75%	165.0		3825	1.752	
100%	220.0		5075	2.460	
120%	264.0		6100	3.061	
133%	293		6750	3.485	
	293	1 min	6750	3.489	
	293	2 min	6750	3.489	
	293	3 min	6750	3.489	
	293	4 min	6750	3.489	
	293	5 min	6750	3.489	
	293	6 min	6750	3.489	
	293	10 min	6750	3.489	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3800		LOCK-OFF LOAD: 165.0

Proof Test





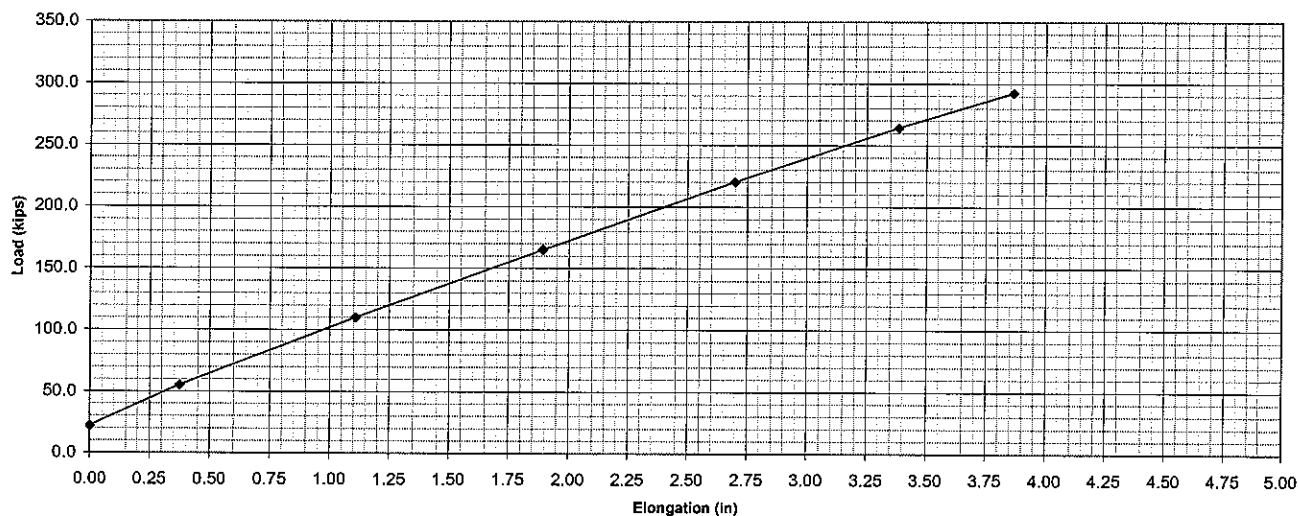
Geotechnical Contractors

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Facsimile: 973-586-7265

ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T19		Date Tested: 12/22/2005
Job Name: Riverplace II-600 West 42nd			Date Installed: 12/17/2005		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.374	
50%	110.0		2550	1.108	
75%	165.0		3825	1.893	
100%	220.0		5075	2.699	
120%	264.0		6100	3.384	
133%	293		6750	3.865	
	293	1 min	6750	3.894	
	293	2 min	6750	3.895	
	293	3 min	6750	3.896	
	293	4 min	6750	3.896	
	293	5 min	6750	3.896	
	293	6 min	6750	3.896	
	293	10 min	6750	3.897	Move. 1 -10 min.(<0.04"): 0.003
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3750		LOCK-OFF LOAD: 165.0

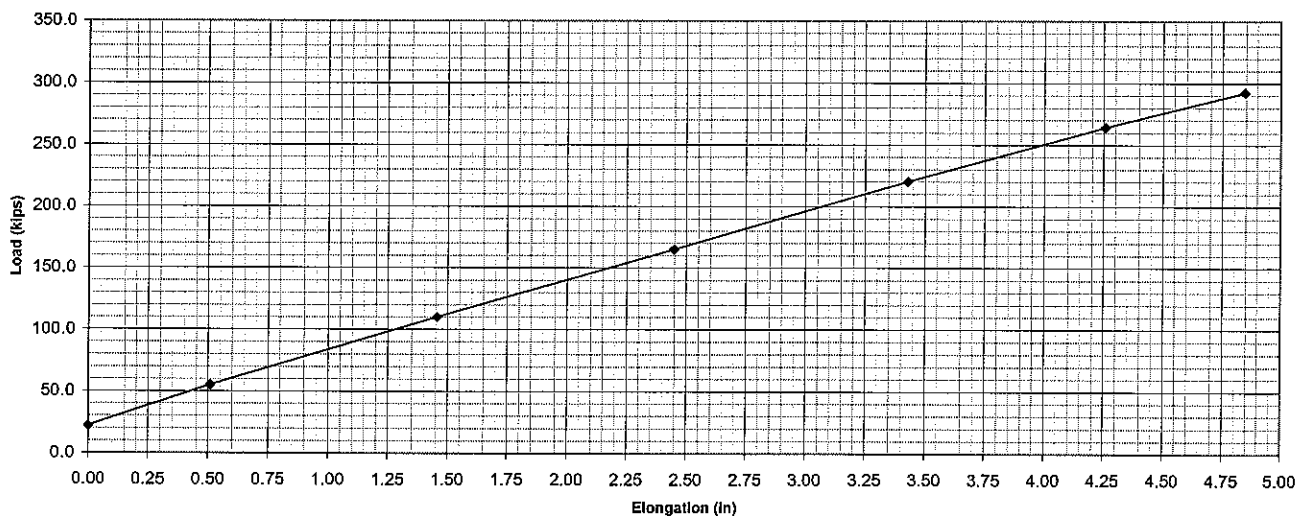
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T20		Date Tested: 12/22/2005
Job Name: Riverplace II-600 West 42nd			Date Installed: 12/16/2005		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.510	
50%	110.0		2550	1.456	
75%	165.0		3825	2.448	
100%	220.0		5075	3.428	
120%	264.0		6100	4.257	
133%	293		6750	4.845	
	293	1 min	6750	4.894	
	293	2 min	6750	4.894	
	293	3 min	6750	4.894	
	293	4 min	6750	4.895	
	293	5 min	6750	4.895	
	293	6 min	6750	4.895	
	293	10 min	6750	4.895	Move. 1 -10 min.(<0.04"); 0.001
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08");
		60 min			
LL-75%	165.0		3750		LOCK-OFF LOAD: 165.0

Proof Test





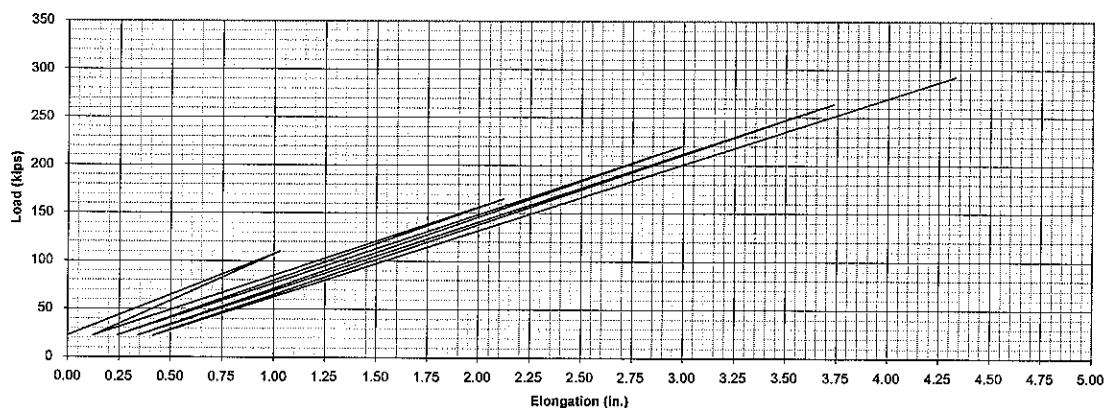
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ANCHOR PERFORMANCE TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T21			Date Tested: 12/22/2005
Job Name: Riverplace II-600 W. 42nd			Date Installed: 12/16/2005			Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No: 220LP28	Calibration Date: 12/7/2005	
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Jack Pressure (psi)		Disp. Dial (inches)	Remarks
A.L.	22.0		525		0.000	
25%	55.0		1275		0.429	
A.L.	22.0		525		0.062	
25%	55.0		1275		0.434	
50%	110.0		2550		1.032	
A.L.	22.0		525		0.125	
25%	55.0		1275		0.506	
50%	110.0		2550		1.229	
75%	165.0		3825		2.124	
A.L.	22.0		525		0.242	
25%	55.0		1275		0.641	
50%	110.0		2550		1.394	
75%	165.0		3825		2.167	
100%	220.0		5075		2.994	
A.L.	22.0		525		0.34	
25%	55.0		1275		1.751	
50%	110.0		2550		1.518	
75%	165.0		3825		2.281	
100%	220.0		5075		3.029	
120%	264.0		6100		3.732	
A.L.	22.0		525		0.414	
25%	55.0		1275		0.823	
50%	110.0		2550		1.616	
75%	165.0		3825		2.401	
100%	220.0		5075		3.174	
120%	264.0		6100		3.789	
133%	293		6750		4.33	
	293	1 min	6750		4.339	
	293	2 min	6750		4.339	
	293	3 min	6750		4.339	
	293	4 min	6750		4.339	
	293	5 min	6750		4.339	
	293	6 min	6750		4.339	Move, 1 -10 min. (<0.04"):
	293	10 min	6750		4.339	0.000
		20 min	0			
		30 min	0			
		40 min	0			
		50 min	0			
		60 min	0			
			0			Move, 6 -60 min. (<0.08"):
LL-75%	165.0		3825			LOCK-OFF LOAD: 165.0

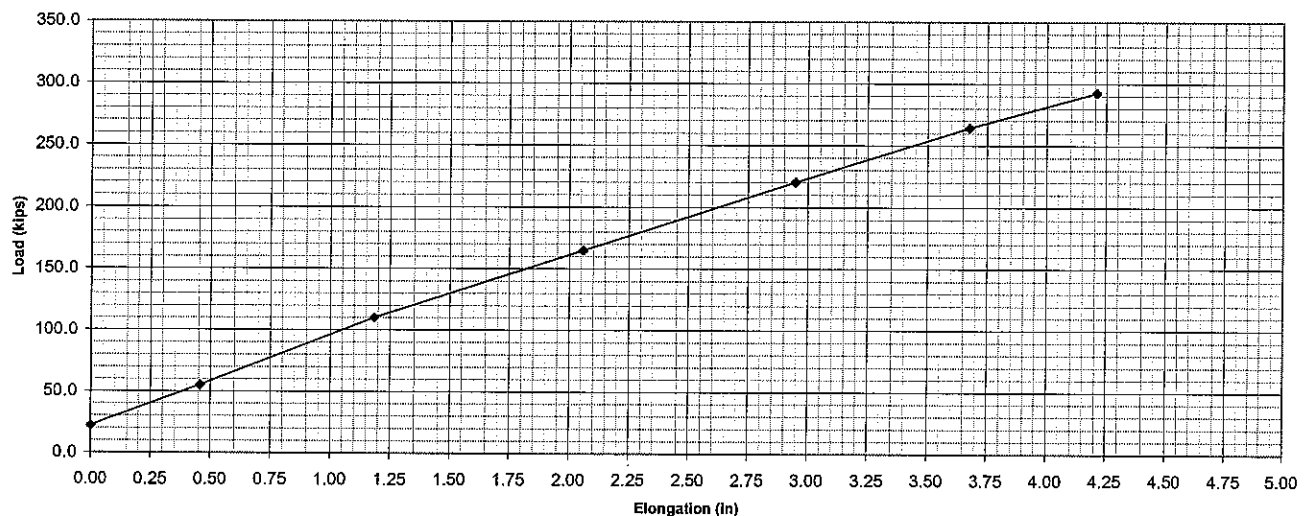
Performance Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T22		Date Tested: 12/22/2005
Job Name: Riverplace II-600 West 42nd			Date Installed: 12/16/2005		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.457	
50%	110.0		2550	1.185	
75%	165.0		3825	2.060	
100%	220.0		5075	2.949	
120%	264.0		6100	3.675	
133%	293		6750	4.210	
	293	1 min	6750	4.228	
	293	2 min	6750	4.228	
	293	3 min	6750	4.228	
	293	4 min	6750	4.228	
	293	5 min	6750	4.228	
	293	6 min	6750	4.228	
	293	10 min	6750	4.228	Move. 1 -10 min.(<0.04"); 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08");
		60 min			
LL-75%	165.0		3900		LOCK-OFF LOAD: 165.0

Proof Test





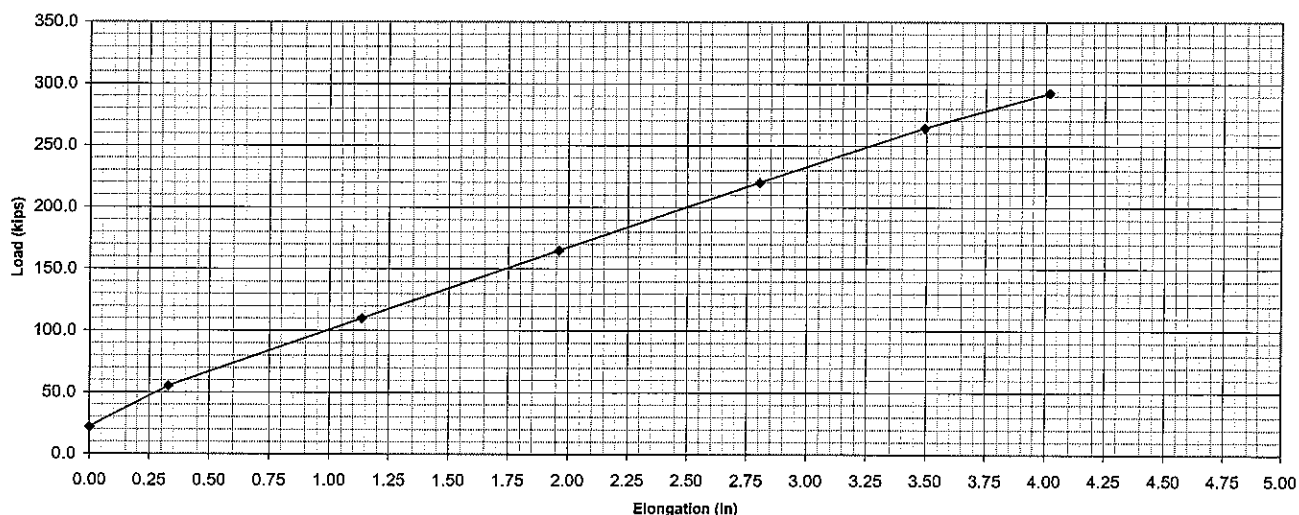
Geotechnical Contractors

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P.O. Box 316
Rockaway, NJ 07866
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ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T23		Date Tested: 12/21/2005
Job Name: Riverplace II-600 West 42nd			Date Installed: 12/15/2005		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.329	
50%	110.0		2550	1.137	
75%	165.0		3825	1.962	
100%	220.0		5075	2.804	
120%	264.0		6100	3.492	
133%	293		6750	4.017	
	293	1 min	6750	4.031	
	293	2 min	6750	4.031	
	293	3 min	6750	4.031	
	293	4 min	6750	4.031	
	293	5 min	6750	4.031	
	293	6 min	6750	4.031	
	293	10 min	6750	4.031	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3900		LOCK-OFF LOAD: 165.0

Proof Test





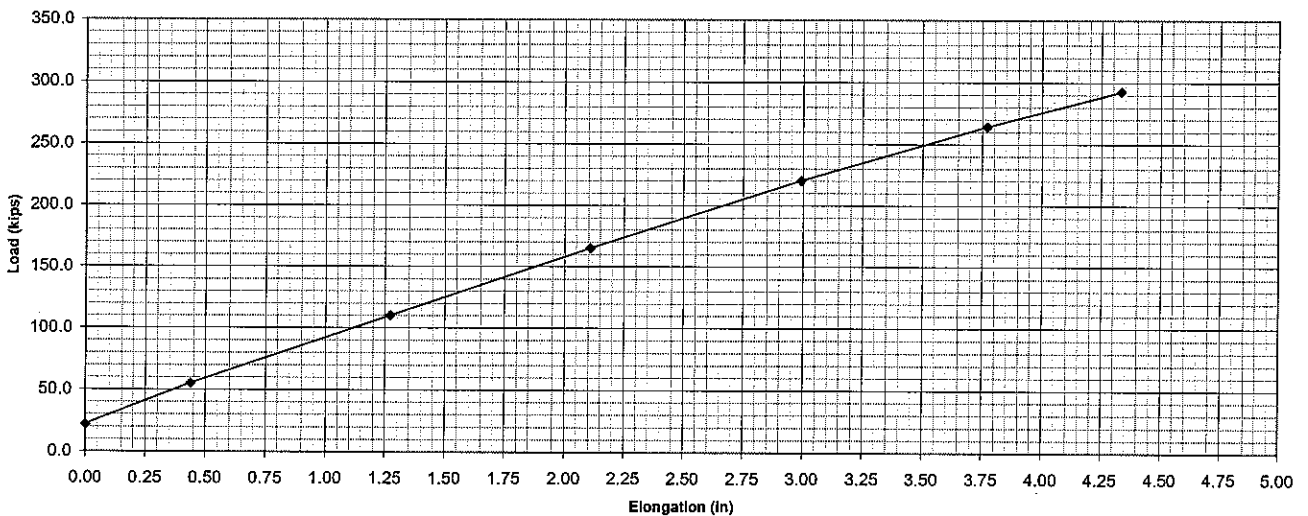
Geotechnical Contractors

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P.O. Box 316
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Facsimile: 973-686-7265

ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T24		Date Tested: 12/21/2005
Job Name: Riverplace II-600 West 42nd			Date Installed: 12/15/2005		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.439	
50%	110.0		2550	1.272	
75%	165.0		3825	2.109	
100%	220.0		5075	2.992	
120%	264.0		6100	3.771	
133%	293		6750	4.333	
	293	1 min	6750	4.338	
	293	2 min	6750	4.338	
	293	3 min	6750	4.338	
	293	4 min	6750	4.338	
	293	5 min	6750	4.338	
	293	6 min	6750	4.338	
	293	10 min	6750	4.338	Move. 1 -10 min.(<0.04"); 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08");
		60 min			
LL-75%	165.0		3800		LOCK-OFF LOAD: 165.0

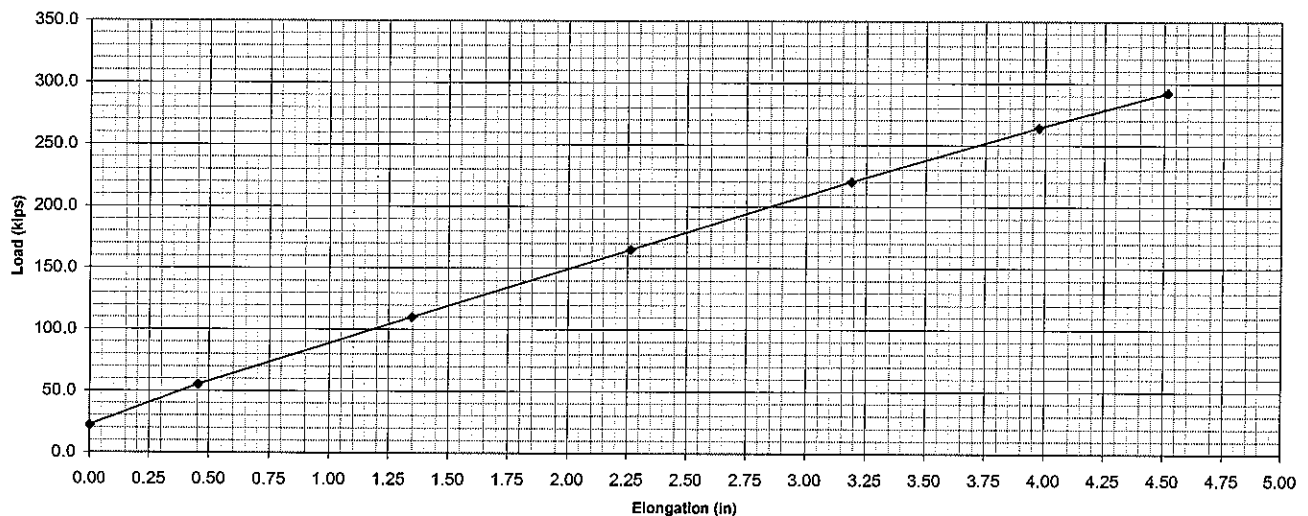
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T25		Date Tested: 12/21/2005
Job Name: Riverplace II-600 West 42nd			Date Installed: 12/14/2005		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.455	
50%	110.0		2550	1.348	
75%	165.0		3825	2.264	
100%	220.0		5075	3.190	
120%	264.0		6100	3.974	
133%	293		6750	4.516	
	293	1 min	6750	4.542	
	293	2 min	6750	4.542	
	293	3 min	6750	4.542	
	293	4 min	6750	4.542	
	293	5 min	6750	4.542	
	293	6 min	6750	4.543	
	293	10 min	6750	4.543	Move. 1 -10 min.(<0.04"): 0.001
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3775		LOCK-OFF LOAD: 165.0

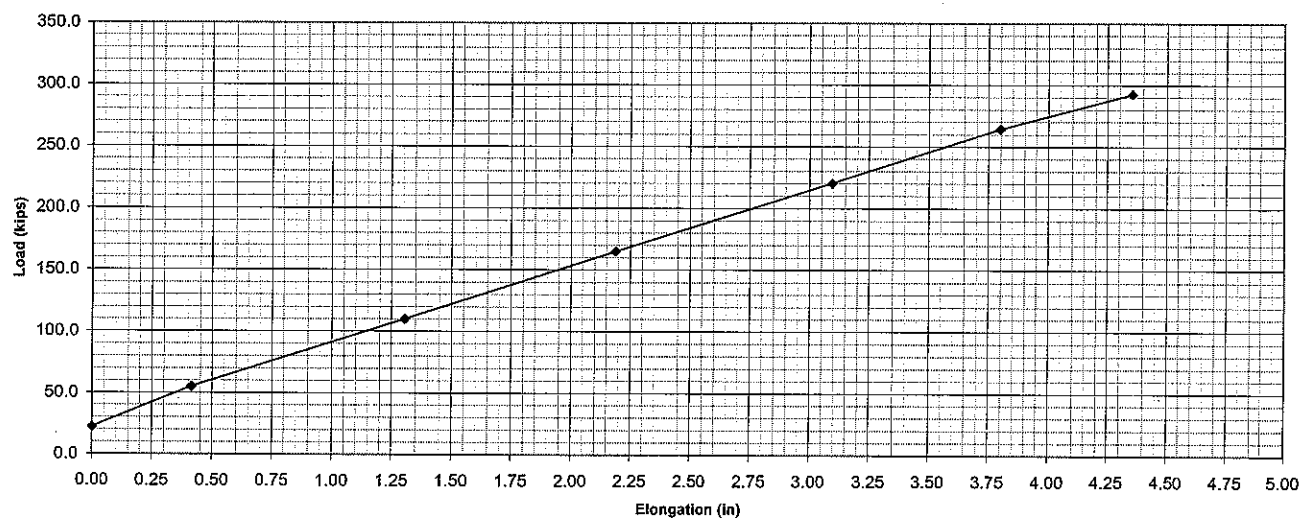
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T26		Date Tested: 12/21/2005
Job Name: Riverplace II-600 West 42nd			Date Installed: 12/14/2005		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.416	
50%	110.0		2550	1.306	
75%	165.0		3825	2.188	
100%	220.0		5075	3.095	
120%	264.0		6100	3.799	
133%	293		6750	4.354	
	293	1 min	6750	4.370	
	293	2 min	6750	4.371	
	293	3 min	6750	4.373	
	293	4 min	6750	4.374	
	293	5 min	6750	4.380	
	293	6 min	6750	4.380	
	293	10 min	6750	4.381	Move. 1 -10 min.(<0.04"): 0.011
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3800		LOCK-OFF LOAD: 165.0

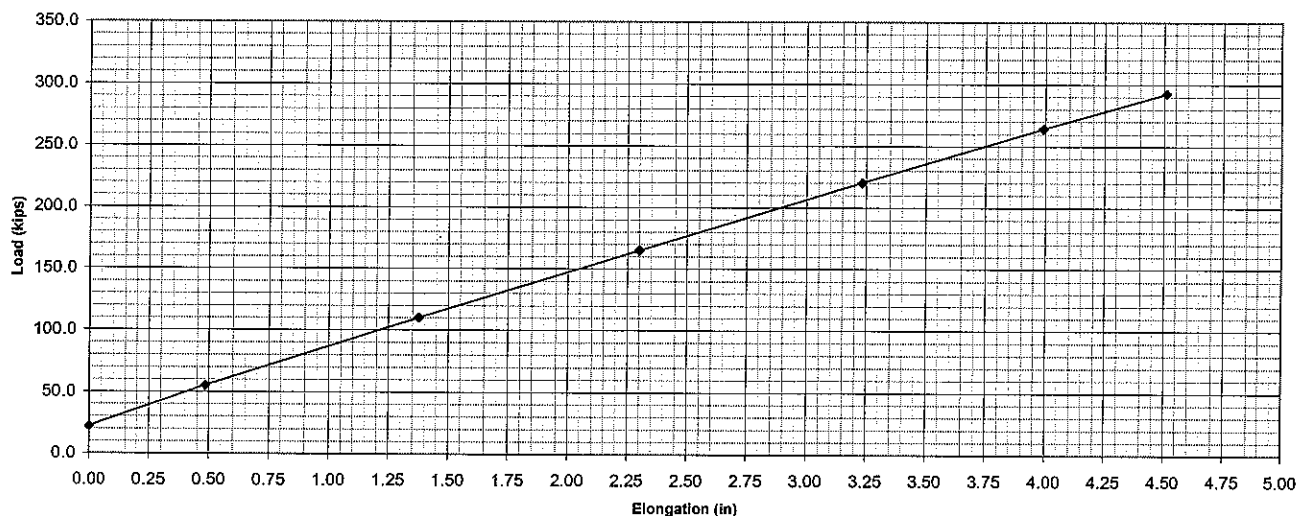
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T27			Date Tested: 12/21/2005
Job Name: Riverplace II-600 West 42nd			Date Installed: 12/14/2005			Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005	
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (Inches)	Remarks	
A.L.	22.0		525	0.000		
25%	55.0		1275	0.485		
50%	110.0		2550	1.376		
75%	165.0		3825	2.301		
100%	220.0		5075	3.232		
120%	264.0		6100	3.992		
133%	293		6750	4.511		
	293	1 min	6750	4.530		
	293	2 min	6750	4.530		
	293	3 min	6750	4.531		
	293	4 min	6750	4.531		
	293	5 min	6750	4.531		
	293	6 min	6750	4.532		
	293	10 min	6750	4.532	Move. 1 -10 min.(<0.04"):	0.002
		15 min				
		20 min				
		25 min				
		30 min				
		45 min			Move. 6 -60 min.(<0.08"):	
		60 min				
LL-75%	165.0		3850		LOCK-OFF LOAD: 165.0	

Proof Test





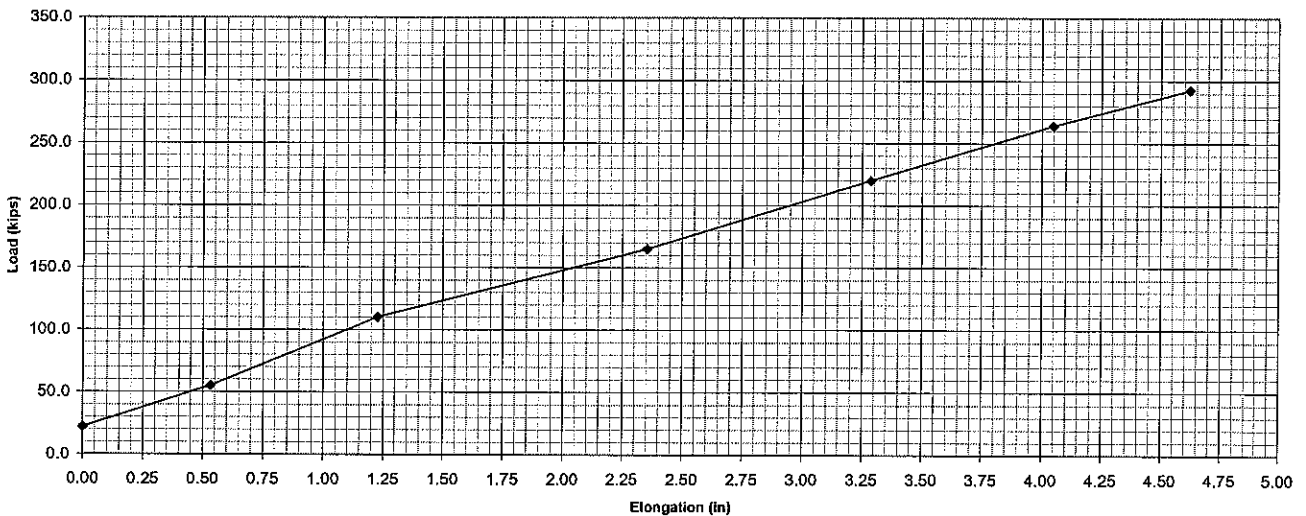
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ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T28		Date Tested: 12/21/2005
Job Name: Riverplace II-600 West 42nd			Date Installed: 12/12/2005		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	(Inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.531	
50%	110.0		2550	1.227	
75%	165.0		3825	2.353	
100%	220.0		5075	3.287	
120%	264.0		6100	4.049	
133%	293		6750	4.621	
	293	1 min	6750	4.638	
	293	2 min	6750	4.640	
	293	3 min	6750	4.640	
	293	4 min	6750	4.640	
	293	5 min	6750	4.640	
	293	6 min	6750	4.640	
	293	10 min	6750	4.640	Move. 1 -10 min.(<0.04"): 0.002
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3850		LOCK-OFF LOAD: 165.0

Proof Test





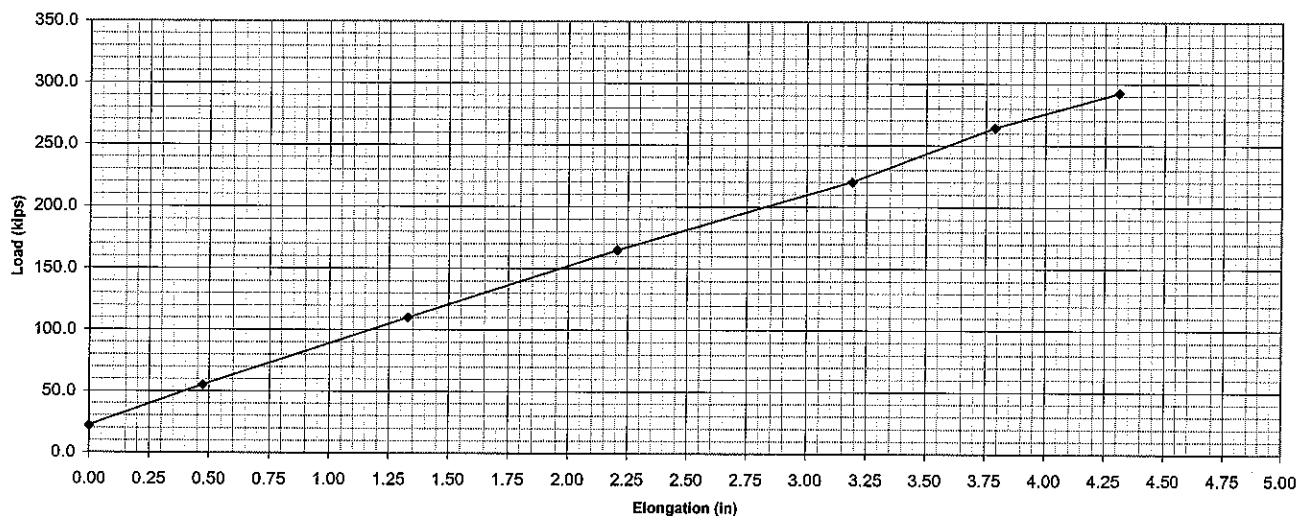
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ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T29		Date Tested: 12/21/2005
Job Name: Riverplace II-600 West 42nd			Date Installed: 12/12/2005		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	(inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.474	
50%	110.0		2550	1.330	
75%	165.0		3825	2.207	
100%	220.0		5075	3.190	
120%	264.0		6100	3.788	
133%	293		6750	4.309	
	293	1 min	6750	4.332	
	293	2 min	6750	4.332	
	293	3 min	6750	4.332	
	293	4 min	6750	4.332	
	293	5 min	6750	4.332	
	293	6 min	6750	4.332	
	293	10 min	6750	4.332	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3850		LOCK-OFF LOAD: 165.0

Proof Test





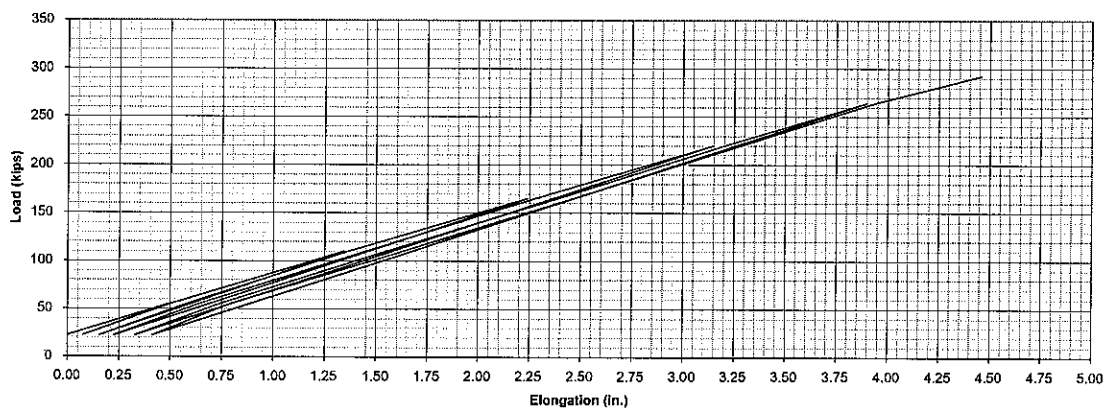
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ANCHOR PERFORMANCE TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T30			Date Tested: 12/21/2005
Job Name: Riverplace II-600 W. 42nd			Date Installed: 12/10/2005			Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9 Gauge No: 220LP28			Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Jack Pressure (psi)		Disp. Dial (Inches)	Remarks
A.L.	22.0		525		0	
25%	55.0		1275		0.492	
A.L.	22.0		525		0.077	
25%	55.0		1275		0.503	
50%	110.0		2550		1.345	
A.L.	22.0		525		0.157	
25%	55.0		1275		0.581	
50%	110.0		2550		1.366	
75%	165.0		3825		2.241	
A.L.	22.0		525		0.226	
25%	55.0		1275		0.64	
50%	110.0		2550		1.45	
75%	165.0		3825		2.28	
100%	220.0		5075		3.15	
A.L.	22.0		525		0.329	
25%	55.0		1275		0.741	
50%	110.0		2550		1.549	
75%	165.0		3825		2.392	
100%	220.0		5075		3.205	
120%	264.0		6100		3.898	
A.L.	22.0		525		0.412	
25%	55.0		1275		0.79	
50%	110.0		2550		1.631	
75%	165.0		3825		2.467	
100%	220.0		5075		3.286	
120%	264.0		6100		3.937	
133%	293		6750		4.46	
	293	1 min	6750		4.485	
	293	2 min	6750		4.487	
	293	3 min	6750		4.487	
	293	4 min	6750		4.487	
	293	5 min	6750		4.487	
	293	6 min	6750		4.487	Move. 1 -10 min. (<0.04"):
	293	10 min	6750		4.487	0.002
		20 min	0			
		30 min	0			
		40 min	0			
		50 min	0			
		60 min	0			
			0			Move. 6 -60 min. (<0.08"):
LL-75%	165.0		3775			LOCK-OFF LOAD: 165.0

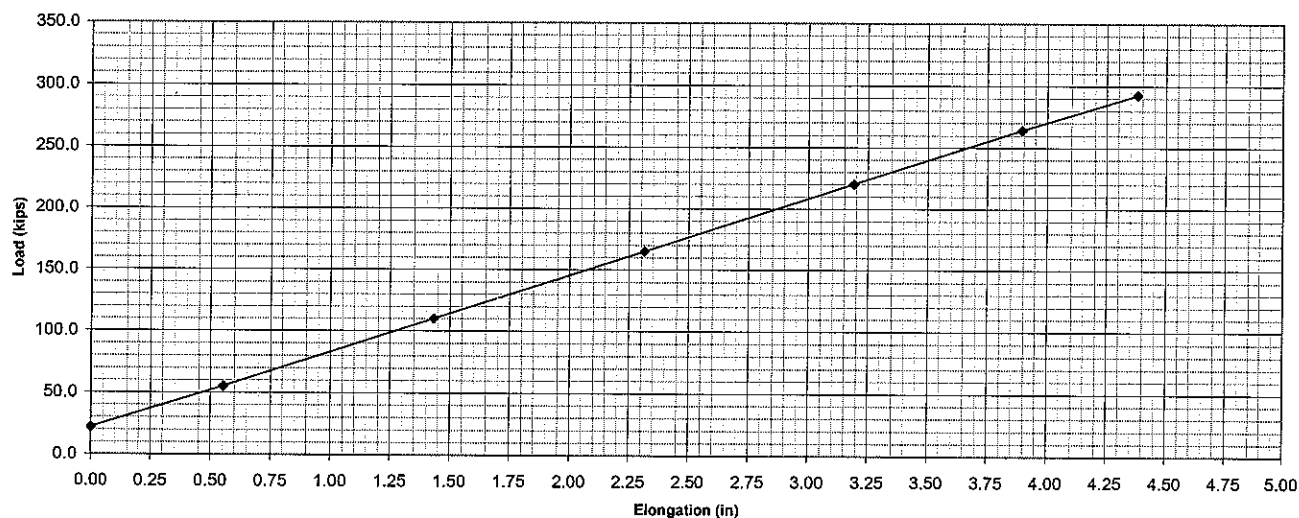
Performance Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T31		Date Tested: 12/21/2005
Job Name: Riverplace II-600 West 42nd			Date Installed: 12/12/2005		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	(inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.554	
50%	110.0		2550	1.433	
75%	165.0		3825	2.315	
100%	220.0		5075	3.190	
120%	264.0		6100	3.896	
133%	293		6750	4.380	
	293	1 min	6750	4.411	
	293	2 min	6750	4.411	
	293	3 min	6750	4.413	
	293	4 min	6750	4.413	
	293	5 min	6750	4.413	
	293	6 min	6750	4.413	
	293	10 min	6750	4.414	Move. 1 -10 min.(<0.04"); 0.003
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08");
		60 min			
LL-75%	165.0		3900		LOCK-OFF LOAD: 165.0

Proof Test





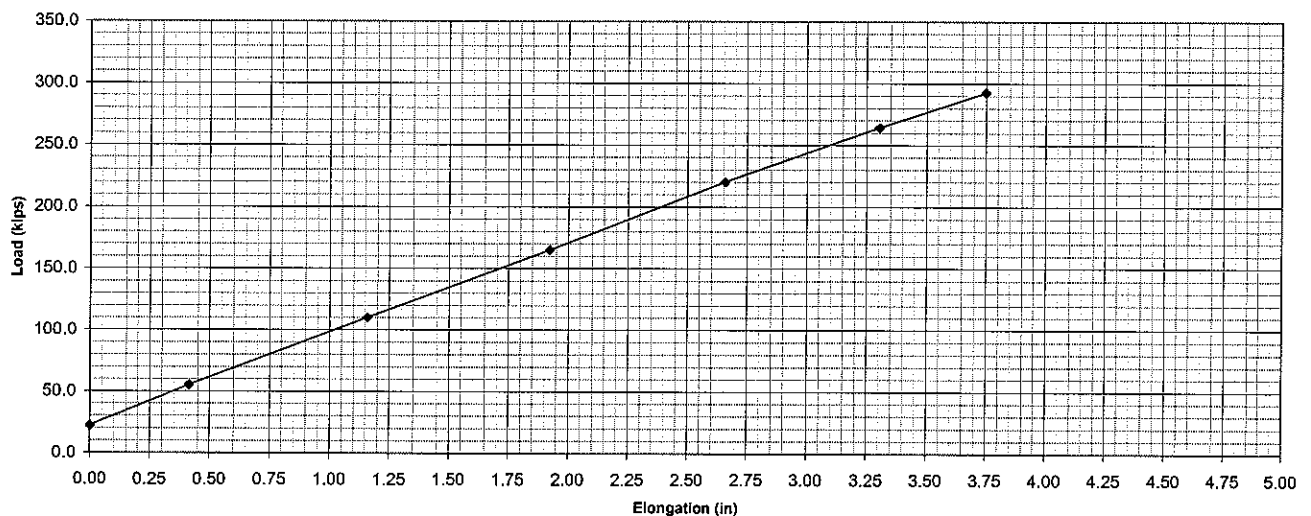
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Facsimile: 973-686-7265

ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T32		Date Tested: 12/20/2005
Job Name: Riverplace II-600 West 42nd			Date Installed: 12/10/2005		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	(inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.414	
50%	110.0		2550	1.158	
75%	165.0		3825	1.923	
100%	220.0		5075	2.658	
120%	264.0		6100	3.303	
133%	293		6750	3.749	
	293	1 min	6750	3.765	
	293	2 min	6750	3.765	
	293	3 min	6750	3.765	
	293	4 min	6750	3.765	
	293	5 min	6750	3.765	
	293	6 min	6750	3.765	
	293	10 min	6750	3.765	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3950		LOCK-OFF LOAD: 165.0

Proof Test





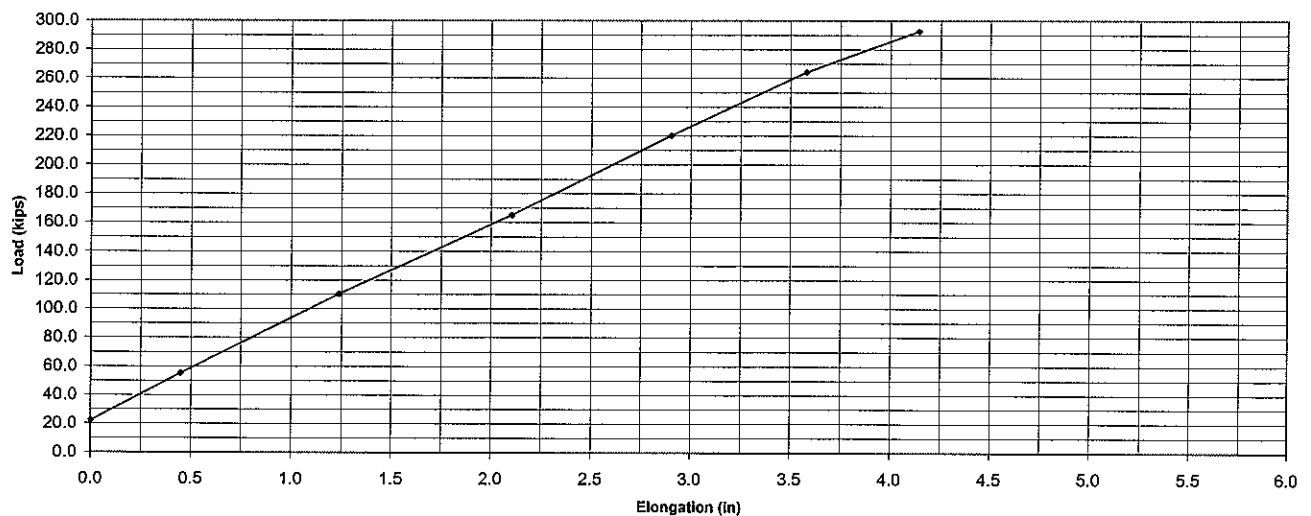
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ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124		ANCHOR NO: T33			Date Tested: 10/11/2005
Job Name: 600 W. 42nd St.		Date Installed: 10/4/2005			Design Load: 220 Kips
Tested by: Jason LaRue		Jack No: 1	Gauge No.: Z7001CE		Calibration Date: 6/22/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	(inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.448	
50%	110.0		2650	1.237	
75%	165.0		3975	2.104	
100%	220.0		5275	2.900	
120%	264.0		6350	3.580	
133%	292.6		7025	4.143	
	292.6	1 min	7025	4.143	
	292.6	2 min	7025	4.143	
	292.6	3 min	7025	4.143	
	292.6	4 min	7025	4.143	
	292.6	5 min	7025	4.143	
	292.6	6 min	7025	4.143	
	292.6	10 min	7025	4.143	Move. 1 -10 min. (<0.04"):
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min. (<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

Proof Test





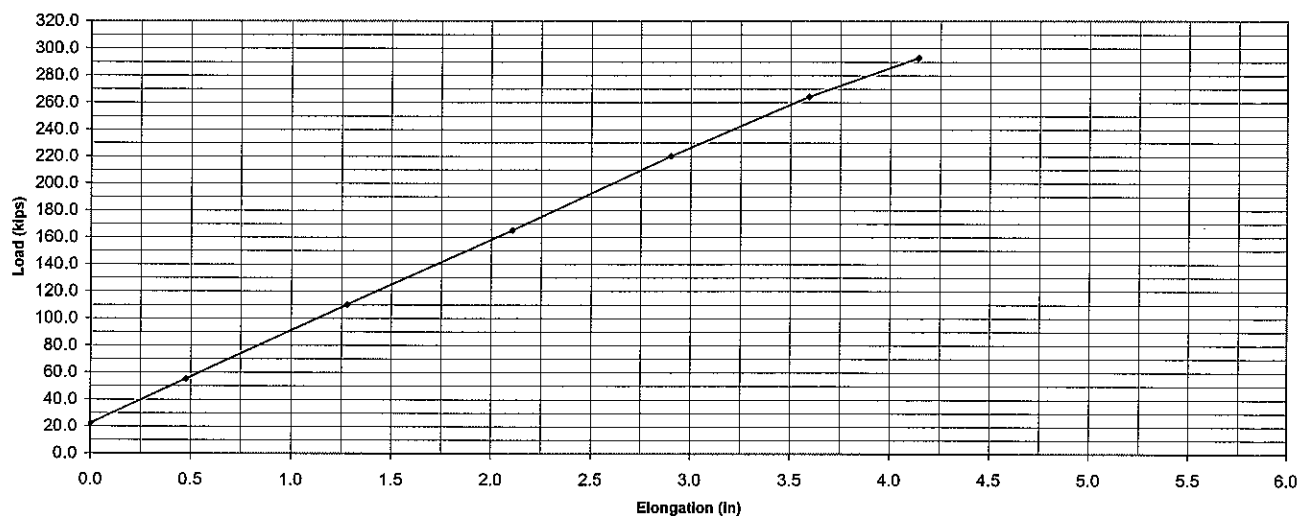
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ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124		ANCHOR NO: T34			Date Tested: 10/11/2005
Job Name: 600 W. 42nd St.		Date Installed: 10/5/2005			Design Load: 220 Kips
Tested by: Jason LaRue		Jack No: 1	Gauge No.: Z7001CE		Calibration Date: 6/22/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	(inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.477	
50%	110.0		2650	1.279	
75%	165.0		3975	2.107	
100%	220.0		5275	2.900	
120%	264.0		6350	3.592	
133%	292.6		7025	4.140	
	292.6	1 min	7025	4.140	
	292.6	2 min	7025	4.140	
	292.6	3 min	7025	4.140	
	292.6	4 min	7025	4.140	
	292.6	5 min	7025	4.140	
	292.6	6 min	7025	4.140	
	292.6	10 min	7025	4.140	Move. 1 -10 min.(<0.04"):
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

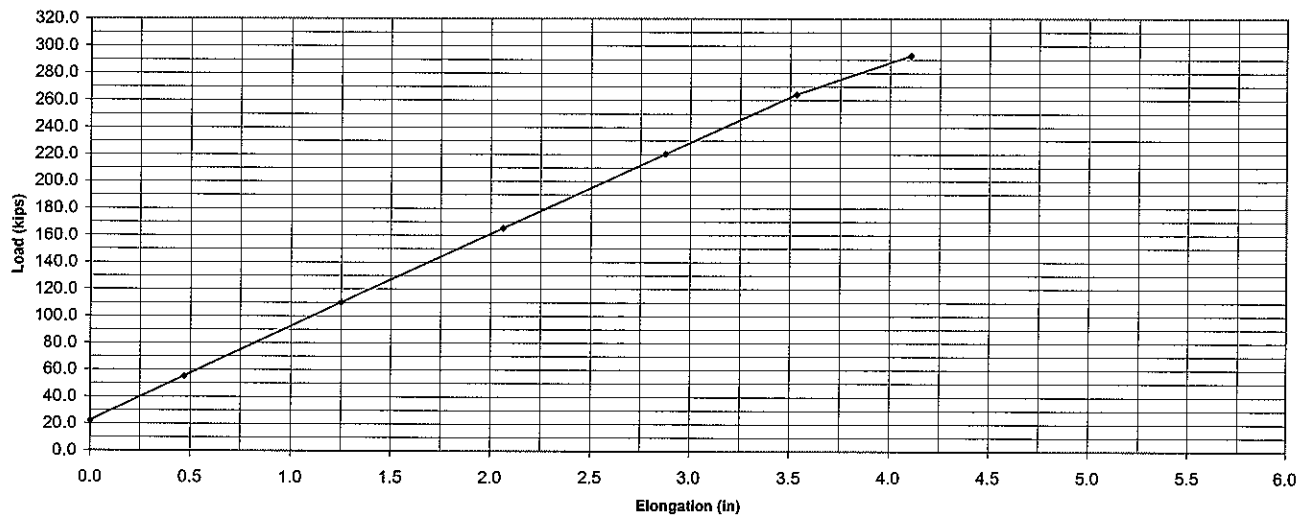
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124		ANCHOR NO: T35		Date Tested: 10/11/2005	
Job Name: 600 W. 42nd St.		Date Installed: 10/5/2005		Design Load: 220 Kips	
Tested by: Jason LaRue		Jack No: 1	Gauge No.: Z7001CE	Calibration Date: 6/22/2005	
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	(inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.469	
50%	110.0		2650	1.251	
75%	165.0		3975	2.062	
100%	220.0		5275	2.875	
120%	264.0		6350	3.531	
133%	292.6		7025	4.104	
	292.6	1 min	7025	4.104	
	292.6	2 min	7025	4.104	
	292.6	3 min	7025	4.104	
	292.6	4 min	7025	4.104	
	292.6	5 min	7025	4.104	
	292.6	6 min	7025	4.104	
	292.6	10 min	7025	4.104	Move. 1 -10 min.(<0.04");
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08");
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

Proof Test





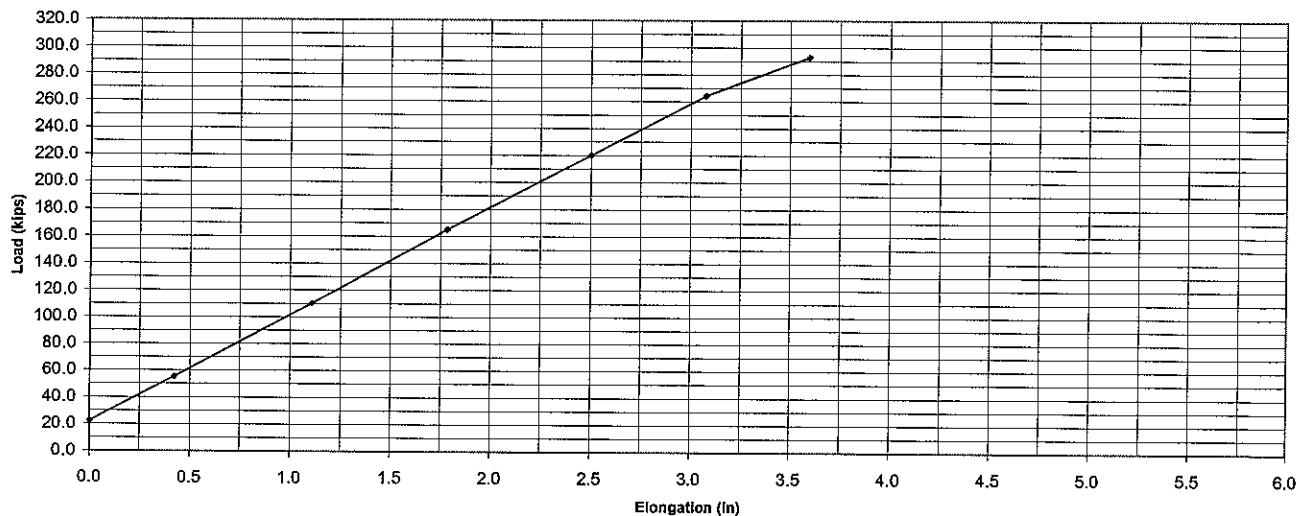
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ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T36		Date Tested: 10/11/2005
Job Name: 600 W. 42nd St.			Date Installed: 10/5/2005		Design Load: 220 Kips
Tested by: Jason LaRue			Jack No: 1	Gauge No.: Z7001CE	Calibration Date: 6/22/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	(inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.421	
50%	110.0		2650	1.108	
75%	165.0		3975	1.783	
100%	220.0		5275	2.502	
120%	264.0		6350	3.076	
133%	292.6		7025	3.594	
	292.6	1 min	7025	3.594	
	292.6	2 min	7025	3.594	
	292.6	3 min	7025	3.594	
	292.6	4 min	7025	3.594	
	292.6	5 min	7025	3.594	
	292.6	6 min	7025	3.594	
	292.6	10 min	7025	3.594	Move. 1 -10 min.(<0.04"):
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

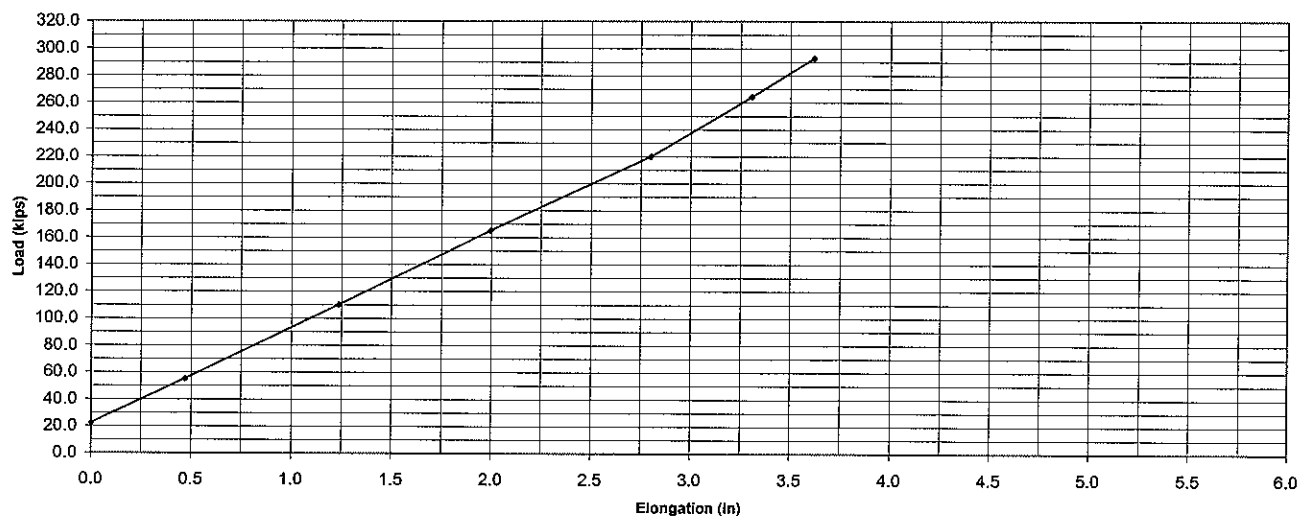
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T37		Date Tested: 10/11/2005
Job Name: 600 W. 42nd St.			Date Installed: 10/6/2005		Design Load: 220 Kips
Tested by: Jason LaRue			Jack No: 1	Gauge No.: Z7001CE	Calibration Date: 6/22/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	(inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.471	
50%	110.0		2650	1.238	
75%	165.0		3975	1.996	
100%	220.0		5275	2.800	
120%	264.0		6350	3.306	
133%	292.6		7025	3.617	
	292.6	1 min	7025	3.617	
	292.6	2 min	7025	3.617	
	292.6	3 min	7025	3.617	
	292.6	4 min	7025	3.617	
	292.6	5 min	7025	3.617	
	292.6	6 min	7025	3.617	
	292.6	10 min	7025	3.617	Move. 1 -10 min.(<0.04");
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08");
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

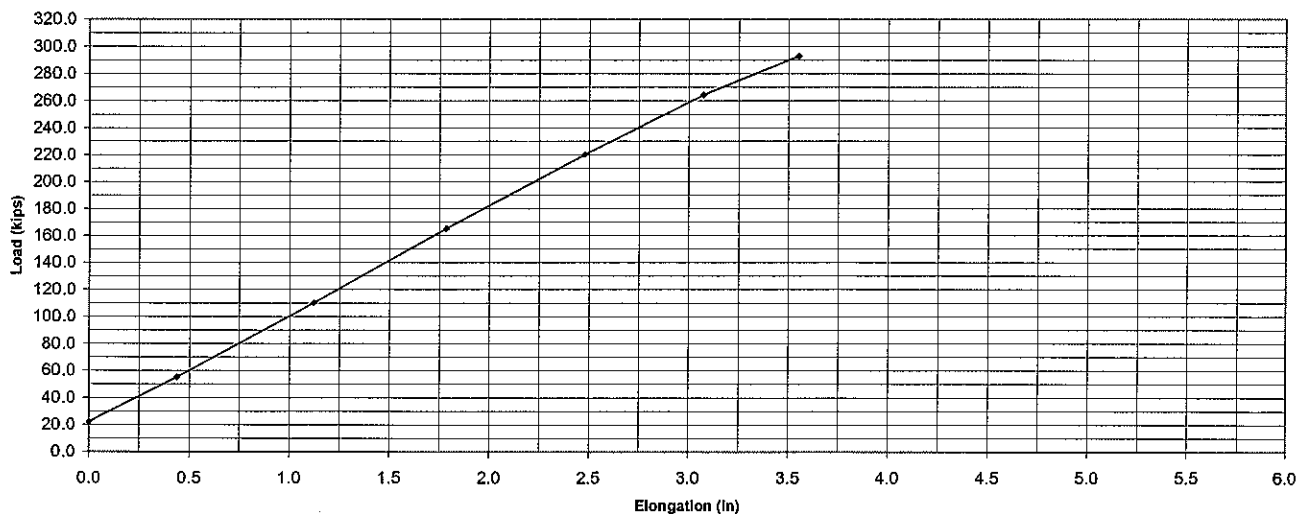
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124		ANCHOR NO: T38		Date Tested: 10/11/2005	
Job Name: 600 W. 42nd St.		Date Installed: 10/6/2005		Design Load: 220 Kips	
Tested by: Jason LaRue		Jack No: 1	Gauge No.: Z7001CE	Calibration Date: 6/22/2005	
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	(inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.438	
50%	110.0		2650	1.122	
75%	165.0		3975	1.783	
100%	220.0		5275	2.479	
120%	264.0		6350	3.073	
133%	292.6		7025	3.550	
	292.6	1 min	7025	3.550	
	292.6	2 min	7025	3.550	
	292.6	3 min	7025	3.550	
	292.6	4 min	7025	3.550	
	292.6	5 min	7025	3.550	
	292.6	6 min	7025	3.550	
	292.6	10 min	7025	3.550	Move. 1 -10 min.(<0.04"):
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

Proof Test





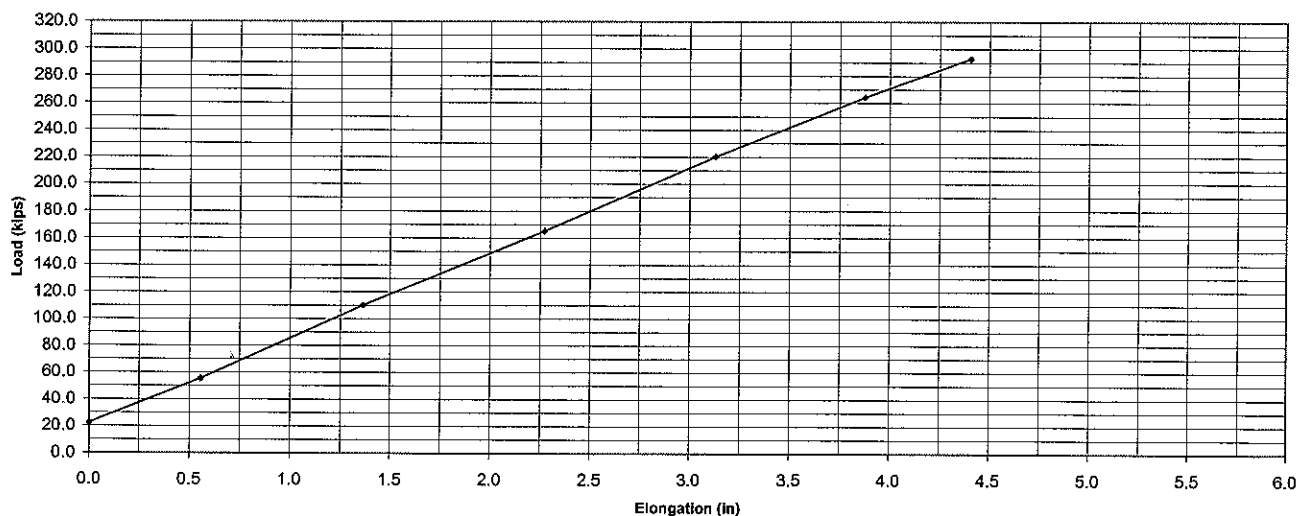
Geotechnical Contractors

Moretrench Geotec
100 Stickle Avenue
P.O. Box 316
Rockaway, NJ 07866
Telephone: 973-627-2100
Facsimile: 973-686-7265

ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124		ANCHOR NO: T39			Date Tested: 10/5/2005
Job Name: 600 W. 42nd St.		Date Installed: 9/13/2005			Design Load: 220 Kips
Tested by: Craig Anderson		Jack No: 1	Gauge No.: Z7001CE		Calibration Date: 6/22/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	(inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.555	
50%	110.0		2650	1.365	
75%	165.0		3975	2.271	
100%	220.0		5275	3.128	
120%	264.0		6350	3.876	
133%	292.6		7025	4.406	
	292.6	1 min	7025	4.406	
	292.6	2 min	7025	4.406	
	292.6	3 min	7025	4.406	
	292.6	4 min	7025	4.406	
	292.6	5 min	7025	4.406	
	292.6	6 min	7025	4.406	
	292.6	10 min	7025	4.406	Move. 1 -10 min.(<0.04"):
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

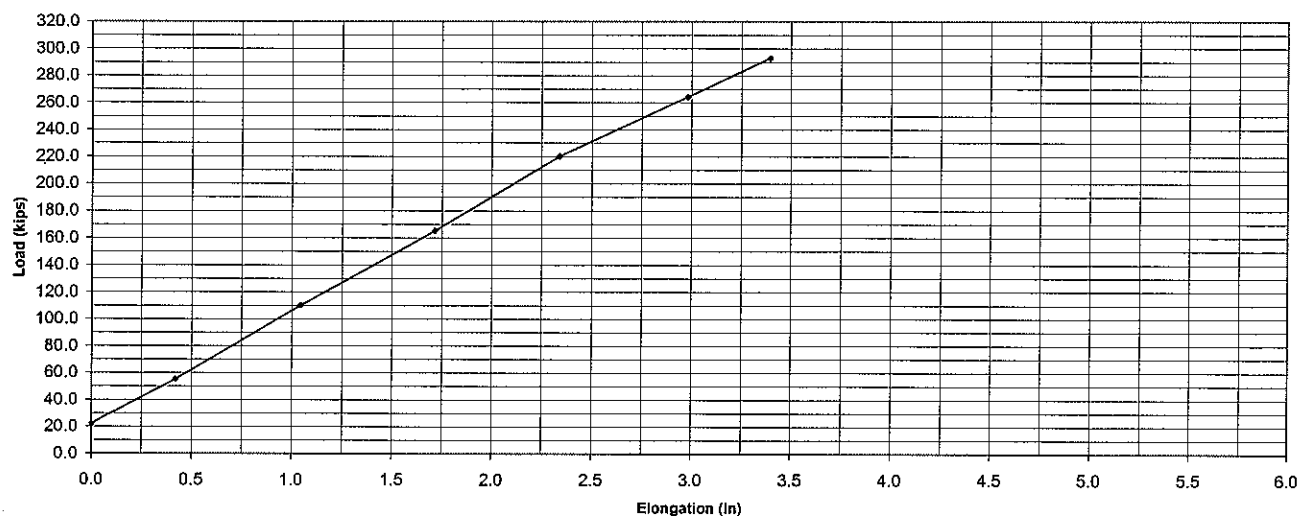
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124		ANCHOR NO: T40		Date Tested: 10/5/2005	
Job Name: 600 W. 42nd St.		Date Installed: 9/13/2005		Design Load: 220 Kips	
Tested by: Craig Anderson		Jack No: 1	Gauge No.: Z7001CE	Calibration Date: 6/22/2005	
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	(inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.420	
50%	110.0		2650	1.045	
75%	165.0		3975	1.715	
100%	220.0		5275	2.339	
120%	264.0		6350	2.980	
133%	292.6		7025	3.395	
	292.6	1 min	7025	3.395	
	292.6	2 min	7025	3.395	
	292.6	3 min	7025	3.395	
	292.6	4 min	7025	3.396	
	292.6	5 min	7025	3.396	
	292.6	6 min	7025	3.396	
	292.6	10 min	7025	3.396	Move. 1 -10 min.(<0.04"):
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

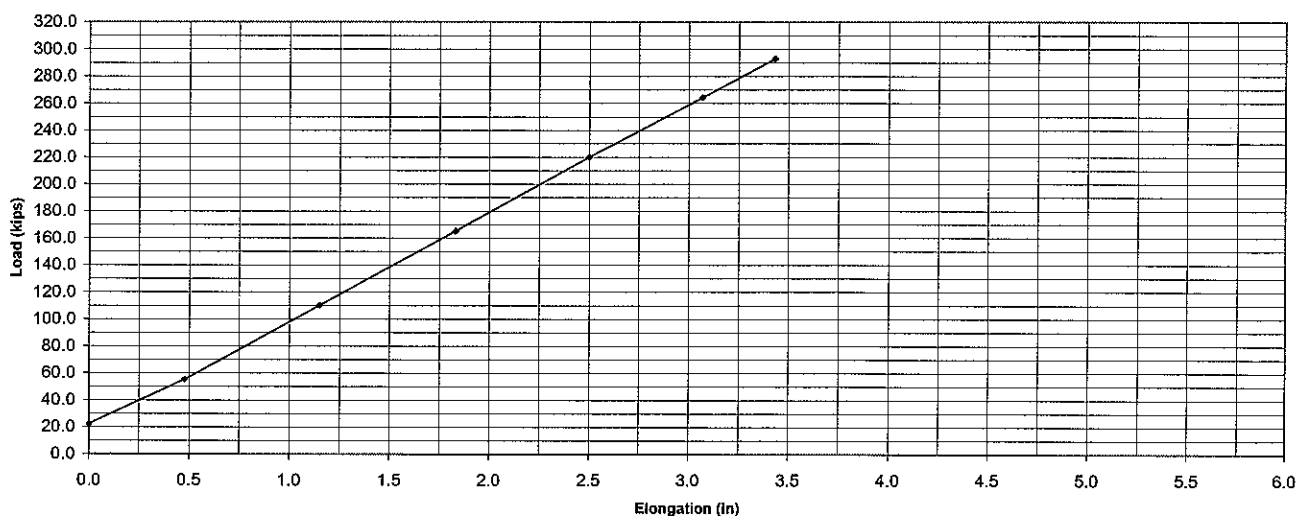
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T41		Date Tested: 10/5/2005
Job Name: 600 W. 42nd St.			Date Installed: 9/15/2005		Design Load: 220 Kips
Tested by: Craig Anderson			Jack No: 1	Gauge No.: Z7001CE	Calibration Date: 6/22/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	(inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.477	
50%	110.0		2650	1.150	
75%	165.0		3975	1.830	
100%	220.0		5275	2.500	
120%	264.0		6350	3.069	
133%	292.6		7025	3.432	
	292.6	1 min	7025	3.432	
	292.6	2 min	7025	3.432	
	292.6	3 min	7025	3.432	
	292.6	4 min	7025	3.432	
	292.6	5 min	7025	3.432	
	292.6	6 min	7025	3.432	
	292.6	10 min	7025	3.432	Move. 1 -10 min.(<0.04"):
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

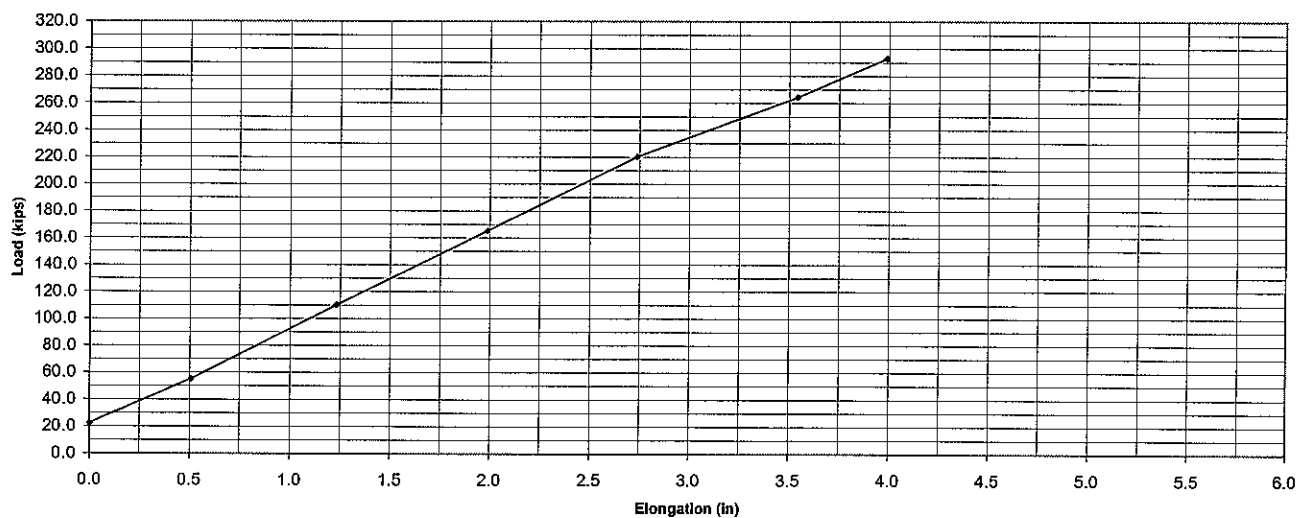
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124		ANCHOR NO: T42			Date Tested: 10/5/2005
Job Name: 600 W. 42nd St.		Date Installed: 9/14/2005			Design Load: 220 Kips
Tested by: Craig Anderson		Jack No: 1	Gauge No.: Z7001CE		Calibration Date: 6/22/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	(inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.508	
50%	110.0		2650	1.232	
75%	165.0		3975	1.988	
100%	220.0		5275	2.736	
120%	264.0		6350	3.543	
133%	292.6		7025	3.989	
	292.6	1 min	7025	3.989	
	292.6	2 min	7025	3.989	
	292.6	3 min	7025	3.989	
	292.6	4 min	7025	3.989	
	292.6	5 min	7025	3.989	
	292.6	6 min	7025	3.989	
	292.6	10 min	7025	3.989	Move. 1 - 10 min. (<0.04"):
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 - 60 min. (<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

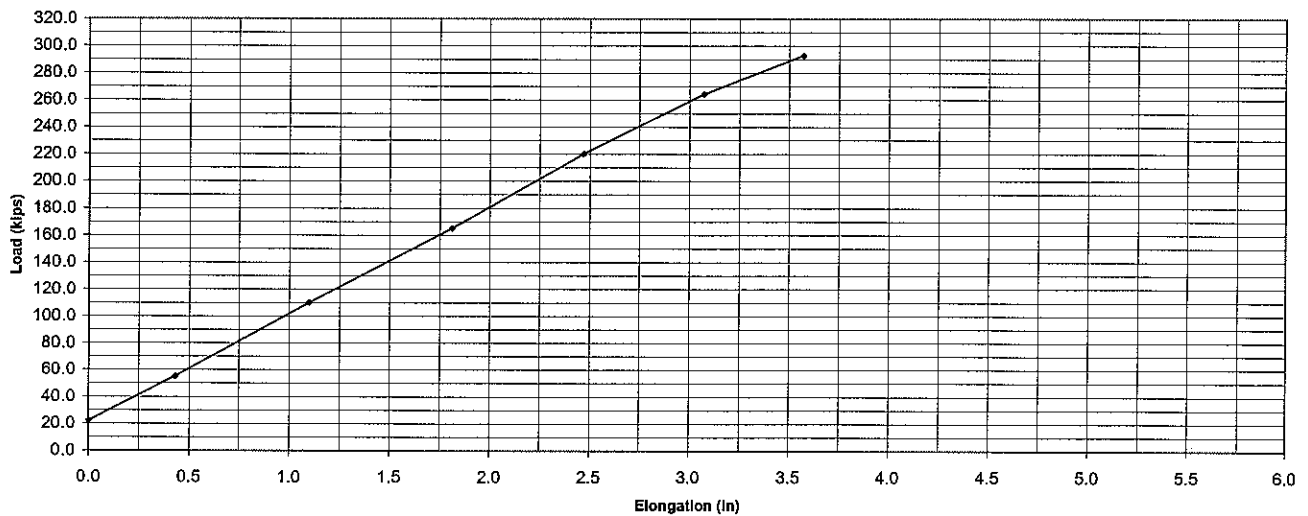
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124		ANCHOR NO: T43		Date Tested: 10/5/2005	
Job Name: 600 W. 42nd St.		Date Installed: 9/14/2005		Design Load: 220 Kips	
Tested by: Craig Anderson		Jack No: 1	Gauge No.: Z7001CE	Calibration Date: 6/22/2005	
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	(inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.430	
50%	110.0		2650	1.100	
75%	165.0		3975	1.809	
100%	220.0		5275	2.470	
120%	264.0		6350	3.071	
133%	292.6		7025	3.571	
	292.6	1 min	7025	3.571	
	292.6	2 min	7025	3.571	
	292.6	3 min	7025	3.571	
	292.6	4 min	7025	3.571	
	292.6	5 min	7025	3.571	
	292.6	6 min	7025	3.571	
	292.6	10 min	7025	3.571	Move. 1 -10 min.(<0.04"):
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

Proof Test





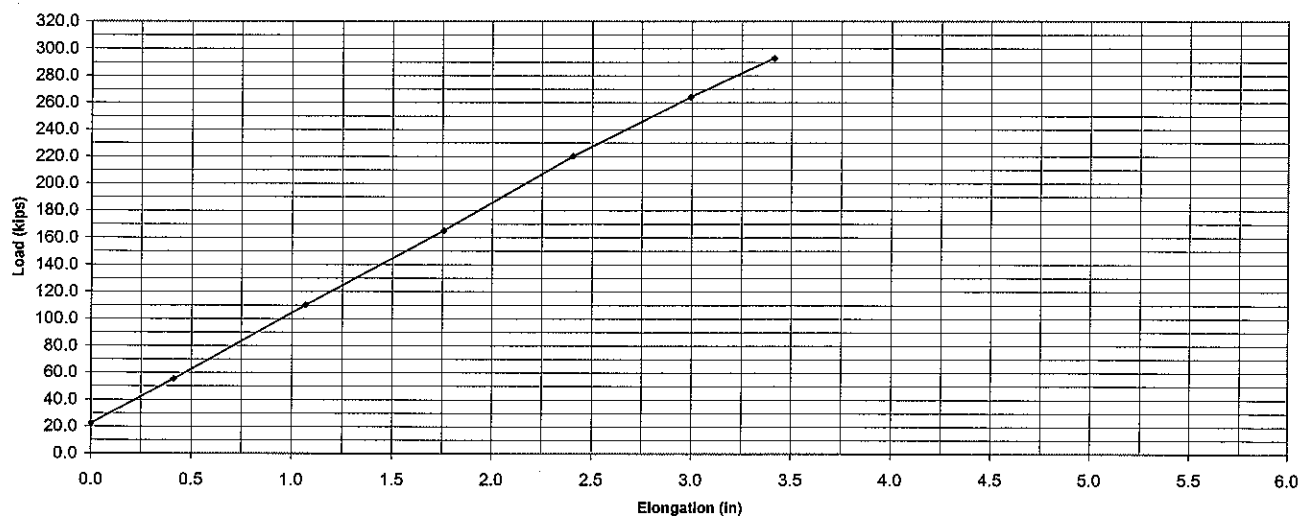
Geotechnical Contractors

Moretrench Geotec
100 Stickie Avenue
P.O. Box 316
Rockaway, NJ 07866
Telephone: 973-627-2100
Facsimile: 973-686-7265

ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T44		Date Tested: 10/5/2005
Job Name: 600 W. 42nd St.			Date Installed: 9/15/2005		Design Load: 220 Kips
Tested by: Craig Anderson			Jack No: 1	Gauge No.: Z7001CE	Calibration Date: 6/22/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	(inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.411	
50%	110.0		2650	1.069	
75%	165.0		3975	1.758	
100%	220.0		5275	2.406	
120%	264.0		6350	2.995	
133%	292.6		7025	3.413	
	292.6	1 min	7025	3.413	
	292.6	2 min	7025	3.413	
	292.6	3 min	7025	3.413	
	292.6	4 min	7025	3.413	
	292.6	5 min	7025	3.413	
	292.6	6 min	7025	3.413	
	292.6	10 min	7025	3.413	Move. 1 -10 min.(<0.04"):
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

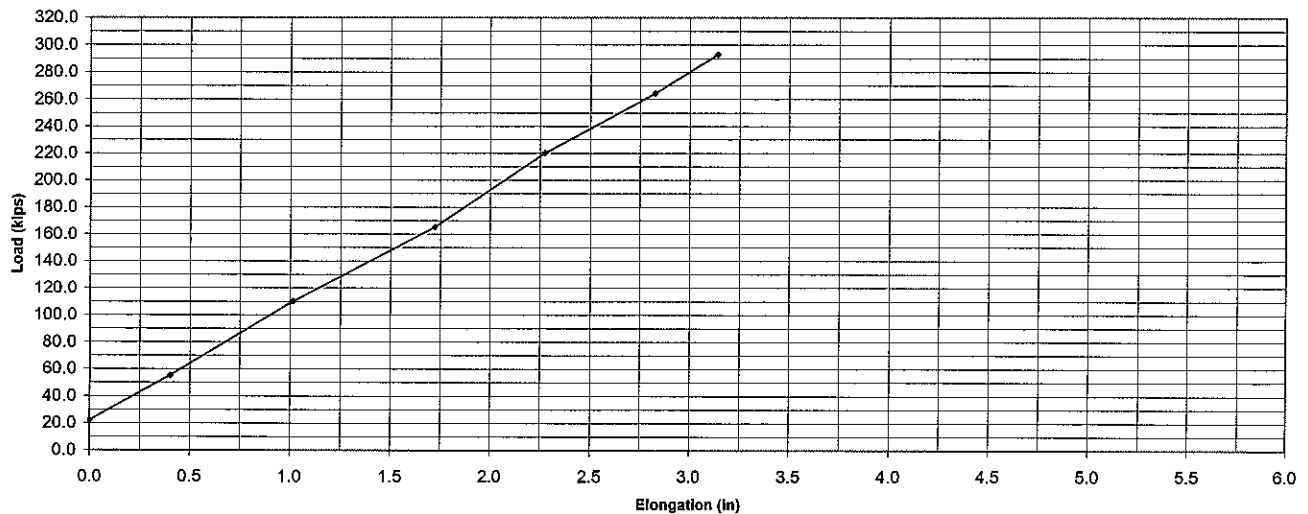
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124		ANCHOR NO: T45			Date Tested: 10/5/2005
Job Name: 600 W. 42nd St.		Date Installed: 9/15/2005			Design Load: 220 Kips
Tested by: Craig Anderson		Jack No: 1	Gauge No.: Z7001CE	Calibration Date: 6/22/2005	
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	(inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.401	
50%	110.0		2650	1.014	
75%	165.0		3975	1.722	
100%	220.0		5275	2.274	
120%	264.0		6350	2.825	
133%	292.6		7025	3.140	
	292.6	1 min	7025	3.140	
	292.6	2 min	7025	3.140	
	292.6	3 min	7025	3.140	
	292.6	4 min	7025	3.140	
	292.6	5 min	7025	3.140	
	292.6	6 min	7025	3.140	
	292.6	10 min	7025	3.140	Move. 1 -10 min.(<0.04");
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08");
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

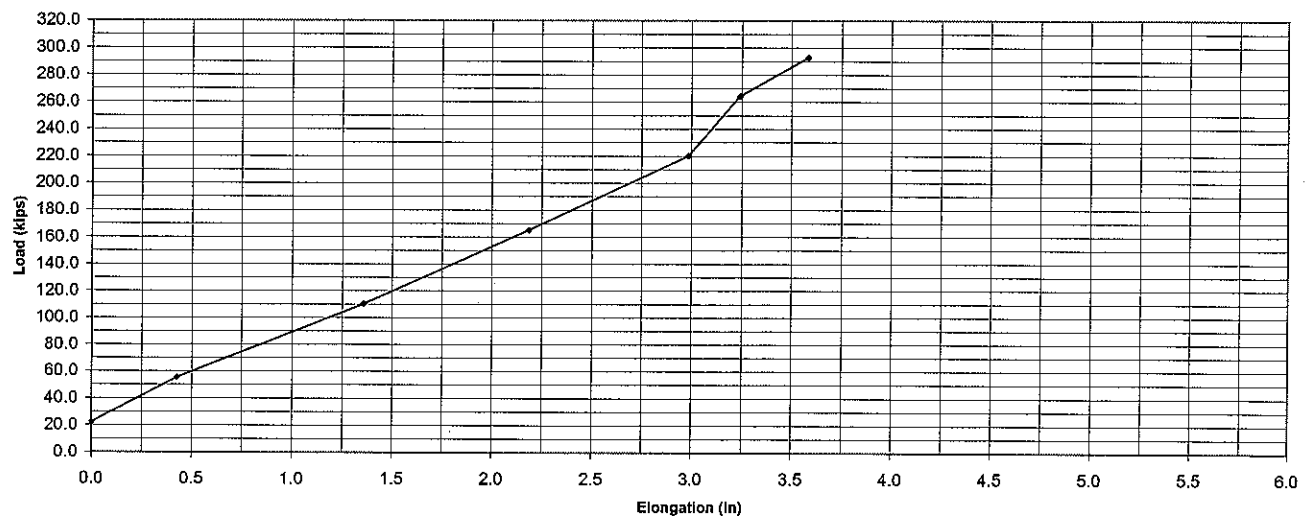
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124		ANCHOR NO: T46			Date Tested: 10/5/2005
Job Name: 600 W. 42nd St.		Date Installed: 9/19/2005			Design Load: 220 Kips
Tested by: Craig Anderson		Jack No: 1	Gauge No.: Z7001CE		Calibration Date: 6/22/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	(inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.424	
50%	110.0		2650	1.357	
75%	165.0		3975	2.185	
100%	220.0		5275	2.986	
120%	264.0		6350	3.241	
133%	292.6		7025	3.582	
	292.6	1 min	7025	3.582	
	292.6	2 min	7025	3.582	
	292.6	3 min	7025	3.582	
	292.6	4 min	7025	3.582	
	292.6	5 min	7025	3.582	
	292.6	6 min	7025	3.582	
	292.6	10 min	7025	3.582	Move. 1 -10 min.(<0.04"):
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

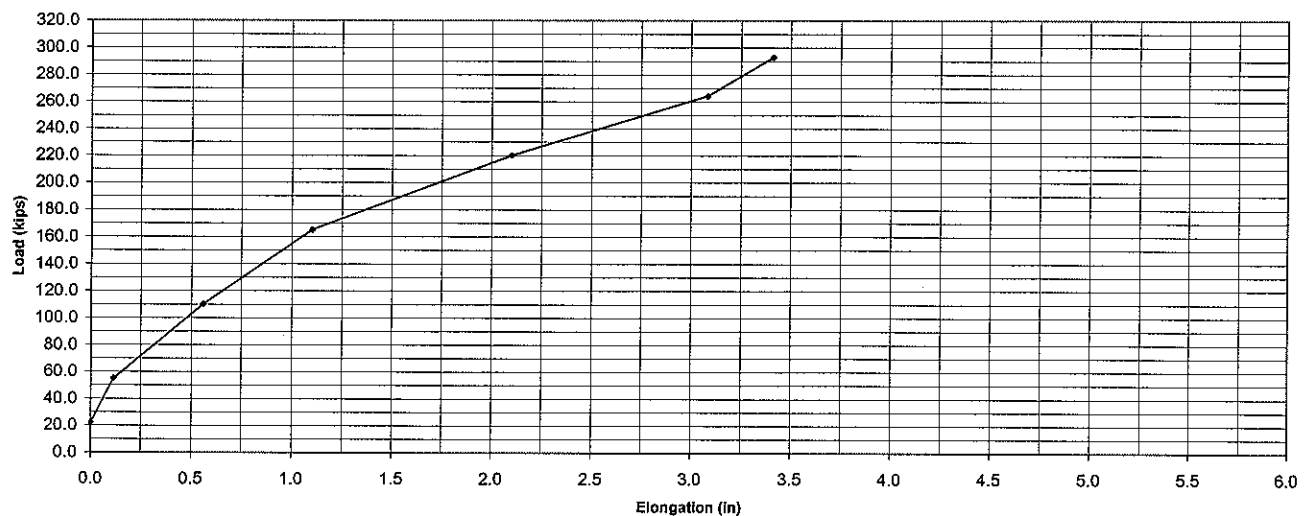
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124		ANCHOR NO: T47		Date Tested: 10/5/2005	
Job Name: 600 W. 42nd St.		Date Installed: 9/16/2005		Design Load: 220 Kips	
Tested by: Craig Anderson		Jack No: 1	Gauge No.: Z7001CE	Calibration Date: 6/22/2005	
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	(Inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.115	
50%	110.0		2650	0.560	
75%	165.0		3975	1.102	
100%	220.0		5275	2.100	
120%	264.0		6350	3.082	
133%	292.6		7025	3.412	
	292.6	1 min	7025	3.415	
	292.6	2 min	7025	3.415	
	292.6	3 min	7025	3.415	
	292.6	4 min	7025	3.415	
	292.6	5 min	7025	3.415	
	292.6	6 min	7025	3.415	
	292.6	10 min	7025	3.415	Move. 1 -10 min.(<0.04");
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08");
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

Proof Test





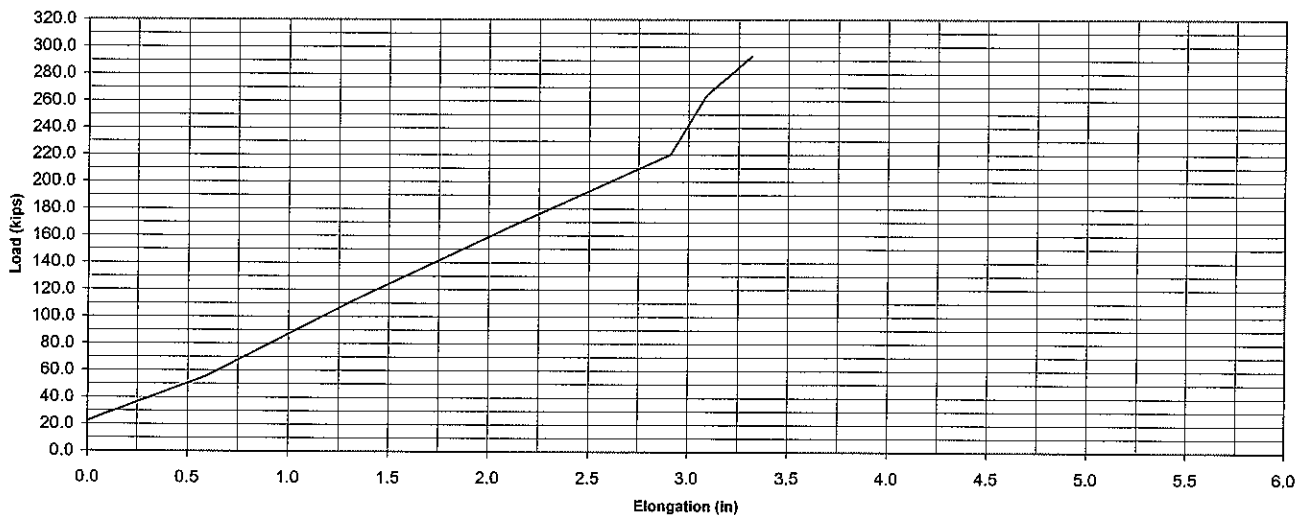
Geotechnical Contractors

Moretrench Geotec
100 Stickle Avenue
P.O. Box 316
Rockaway, NJ 07866
Telephone: 973-627-2100
Facsimile: 973-586-7265

ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T48		Date Tested: 10/6/2005
Job Name: 600 W. 42nd St.			Date Installed: 9/16/2005		Design Load: 220 Kips
Tested by: Craig Anderson			Jack No: 1	Gauge No.: Z7001CE	Calibration Date: 6/22/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.588	
50%	110.0		2650	1.300	
75%	165.0		3975	2.090	
100%	220.0		5275	2.910	
120%	264.0		6350	3.089	
133%	292.6		7025	3.314	
	292.6	1 min	7025	3.314	
	292.6	2 min	7025	3.314	
	292.6	3 min	7025	3.314	
	292.6	4 min	7025	3.314	
	292.6	5 min	7025	3.314	
	292.6	6 min	7025	3.314	
	292.6	10 min	7025	3.314	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

Proof Test





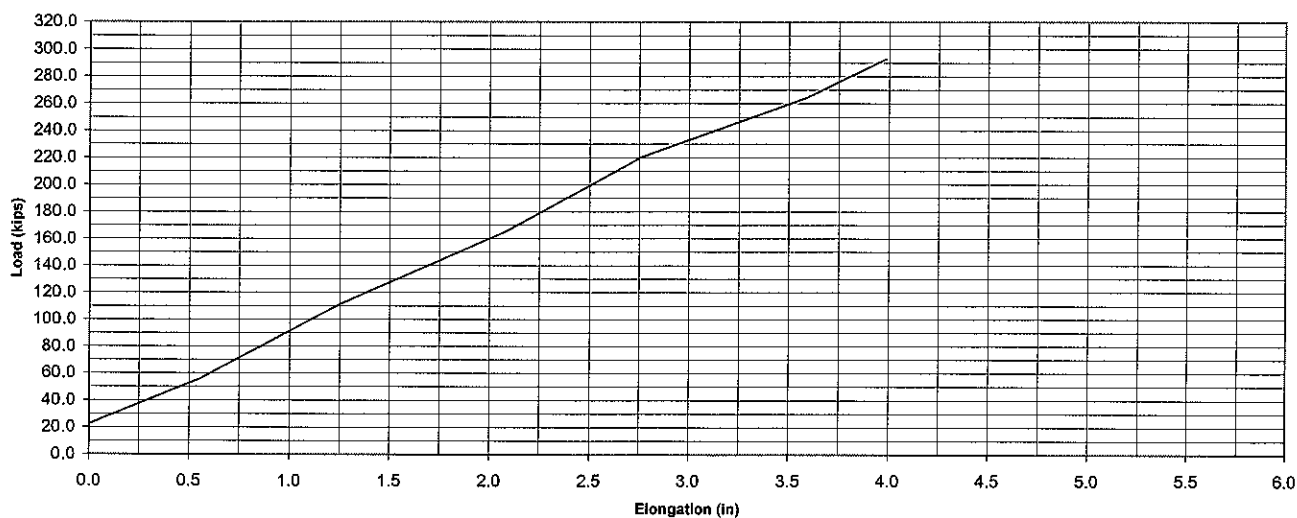
Geotechnical Contractors

Moretrench Geotec
100 Stickle Avenue
P.O. Box 316
Rockaway, NJ 07866
Telephone: 973-627-2100
Facsimile: 973-686-7265

ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124		ANCHOR NO: T49			Date Tested: 10/6/2005
Job Name: 600 W. 42nd St.		Date Installed: 9/16/2005			Design Load: 220 Kips
Tested by: Craig Anderson		Jack No: 1	Gauge No.: Z7001CE		Calibration Date: 6/22/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (Inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.546	
50%	110.0		2650	1.235	
75%	165.0		3975	2.081	
100%	220.0		5275	2.757	
120%	264.0		6350	3.589	
133%	292.6		7025	3.985	
	292.6	1 min	7025	3.985	
	292.6	2 min	7025	3.985	
	292.6	3 min	7025	3.985	
	292.6	4 min	7025	3.985	
	292.6	5 min	7025	3.985	
	292.6	6 min	7025	3.985	
	292.6	10 min	7025	3.985	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

Proof Test





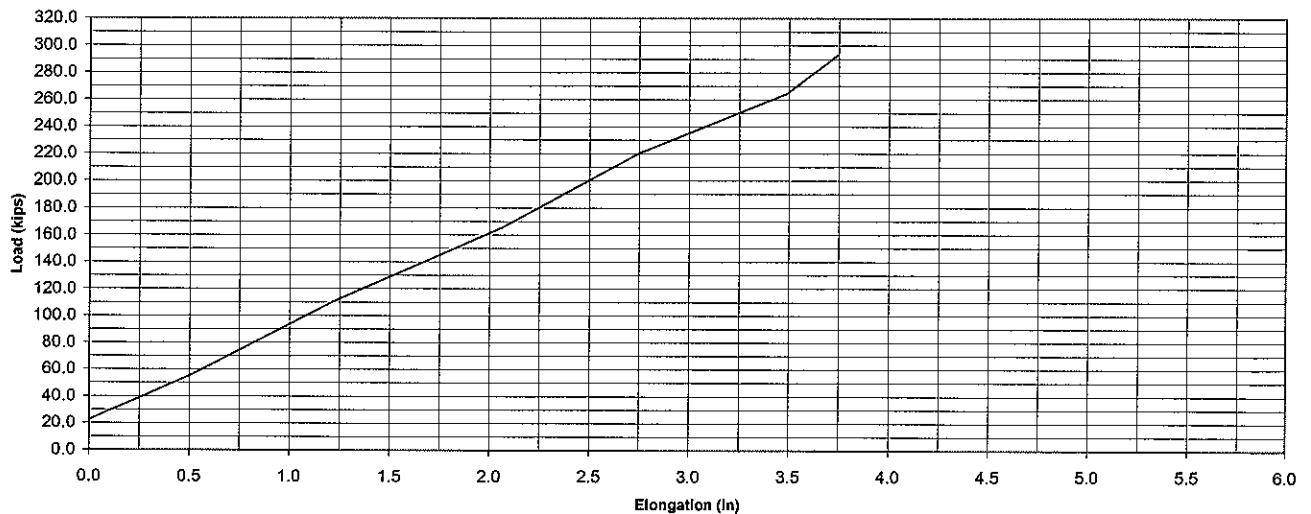
Geotechnical Contractors

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100 Stickie Avenue
P.O. Box 316
Rockaway, NJ 07866
Telephone: 973-627-2100
Facsimile: 973-686-7265

ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124		ANCHOR NO: T50			Date Tested: 10/6/2005
Job Name: 600 W. 42nd St.		Date Installed: 9/20/2005			Design Load: 220 Kips
Tested by: Craig Anderson		Jack No: 1	Gauge No.: Z7001CE		Calibration Date: 6/22/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.501	
50%	110.0		2650	1.213	
75%	165.0		3975	2.059	
100%	220.0		5275	2.747	
120%	264.0		6350	3.486	
133%	292.6		7025	3.743	
	292.6	1 min	7025	3.743	
	292.6	2 min	7025	3.743	
	292.6	3 min	7025	3.743	
	292.6	4 min	7025	3.743	
	292.6	5 min	7025	3.743	
	292.6	6 min	7025	3.743	
	292.6	10 min	7025	3.743	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

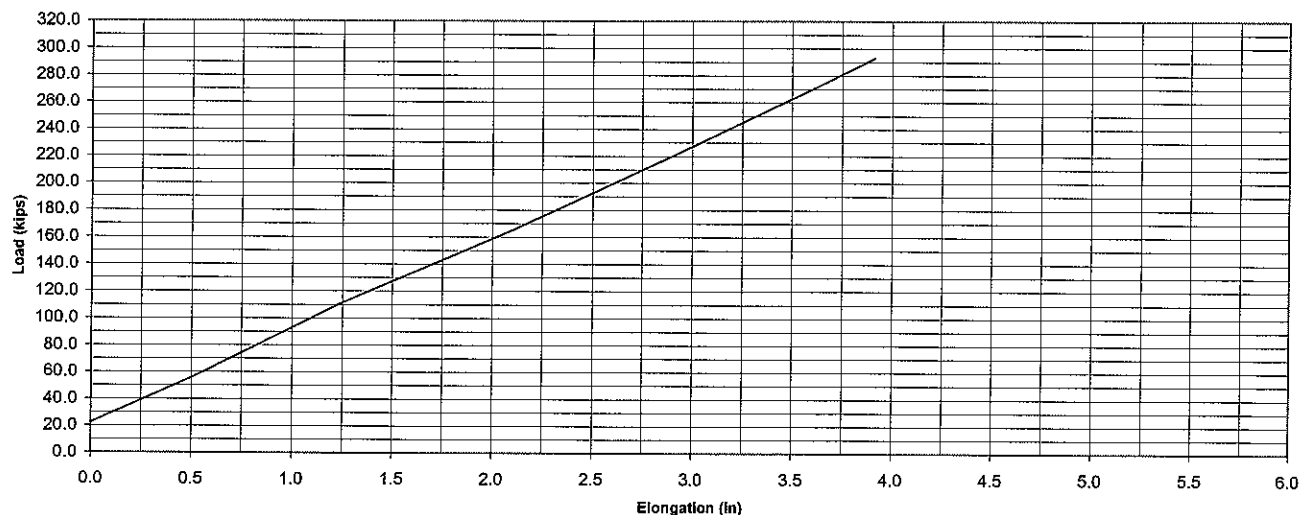
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T51		Date Tested: 10/6/2005
Job Name: 600 W. 42nd St.			Date Installed: 9/20/2005		Design Load: 220 Kips
Tested by: Craig Anderson			Jack No: 1	Gauge No.: Z7001CE	Calibration Date: 6/22/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.494	
50%	110.0		2650	1.229	
75%	165.0		3975	2.103	
100%	220.0		5275	2.900	
120%	264.0		6350	3.522	
133%	292.6		7025	3.914	
	292.6	1 min	7025	3.914	
	292.6	2 min	7025	3.914	
	292.6	3 min	7025	3.914	
	292.6	4 min	7025	3.914	
	292.6	5 min	7025	3.914	
	292.6	6 min	7025	3.914	
	292.6	10 min	7025	3.914	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

Proof Test





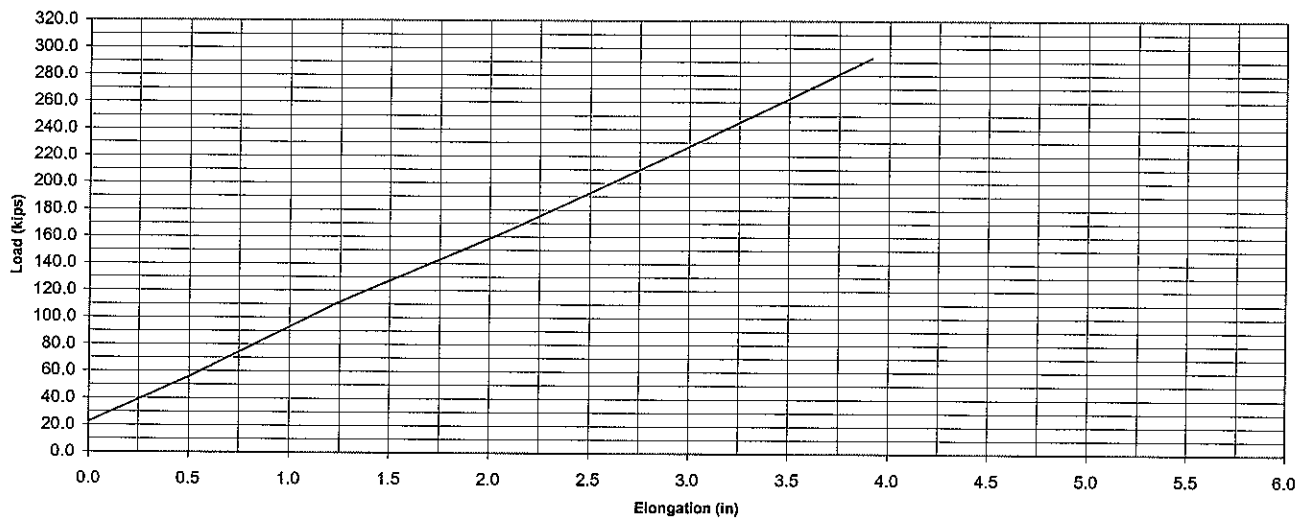
Geotechnical Contractors

Moretrench Geotec
100 Stickie Avenue
P.O. Box 316
Rockaway, NJ 07866
Telephone: 973-627-2100
Facsimile: 973-586-7265

ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T51		Date Tested: 10/6/2005
Job Name: 600 W. 42nd St.			Date Installed: 9/20/2005		Design Load: 220 Kips
Tested by: Craig Anderson			Jack No: 1	Gauge No.: Z7001CE	Calibration Date: 6/22/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.494	
50%	110.0		2650	1.229	
75%	165.0		3975	2.103	
100%	220.0		5275	2.900	
120%	264.0		6350	3.522	
133%	292.6		7025	3.914	
	292.6	1 min	7025	3.914	
	292.6	2 min	7025	3.914	
	292.6	3 min	7025	3.914	
	292.6	4 min	7025	3.914	
	292.6	5 min	7025	3.914	
	292.6	6 min	7025	3.914	
	292.6	10 min	7025	3.914	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

Proof Test





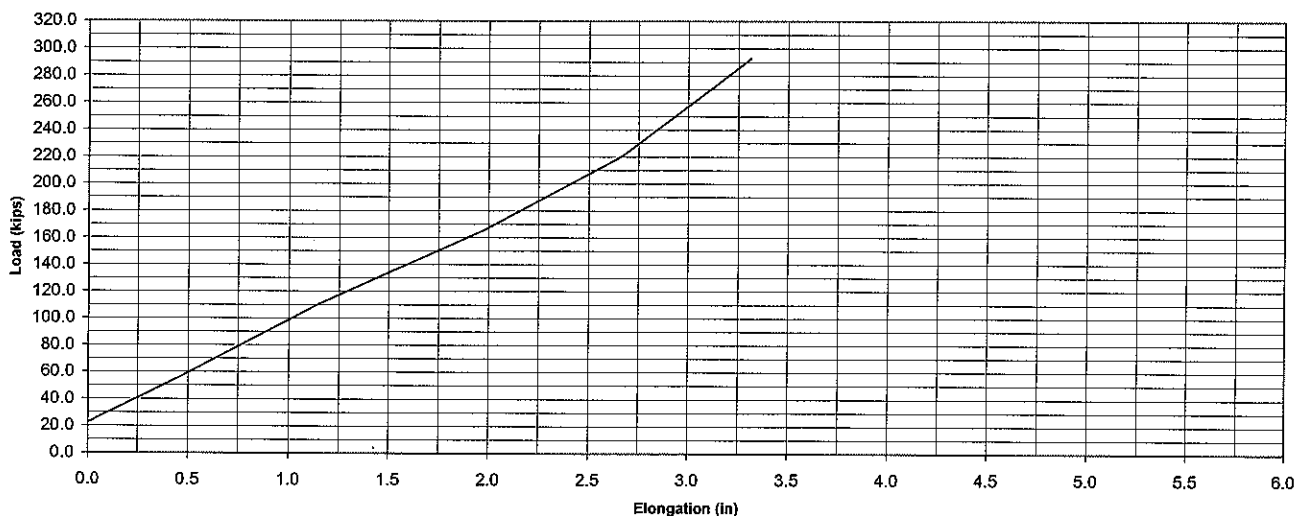
Geotechnical Contractors

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Facsimile: 973-586-7265

ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T52		Date Tested: 10/7/2005
Job Name: 600 W. 42nd St.			Date Installed: 9/20/2005		Design Load: 220 Kips
Tested by: Craig Anderson			Jack No: 1	Gauge No.: Z7001CE	Calibration Date: 6/22/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.449	
50%	110.0		2650	1.145	
75%	165.0		3975	1.972	
100%	220.0		5275	2.662	
120%	264.0		6350	3.063	
133%	292.6		7025	3.314	
	292.6	1 min	7025	3.314	
	292.6	2 min	7025	3.314	
	292.6	3 min	7025	3.314	
	292.6	4 min	7025	3.314	
	292.6	5 min	7025	3.314	
	292.6	6 min	7025	3.314	
	292.6	10 min	7025	3.314	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

Proof Test





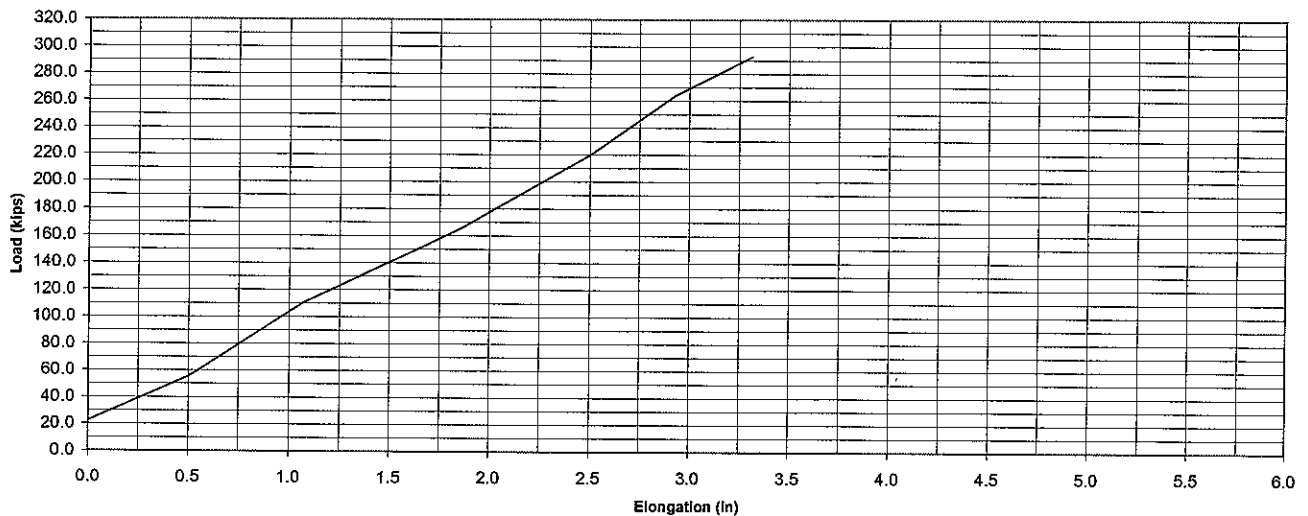
Geotechnical Contractors

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P.O. Box 316
Rockaway, NJ 07866
Telephone: 973-627-2100
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ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T53		Date Tested: 10/7/2005
Job Name: 600 W. 42nd St.			Date Installed: 9/21/2005		Design Load: 220 Kips
Tested by: Craig Anderson			Jack No: 1	Gauge No.: Z7001CE	Calibration Date: 6/22/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.500	
50%	110.0		2650	1.068	
75%	165.0		3975	1.855	
100%	220.0		5275	2.505	
120%	264.0		6350	2.932	
133%	292.6		7025	3.316	
	292.6	1 min	7025	3.316	
	292.6	2 min	7025	3.316	
	292.6	3 min	7025	3.316	
	292.6	4 min	7025	3.316	
	292.6	5 min	7025	3.316	
	292.6	6 min	7025	3.316	
	292.6	10 min	7025	3.316	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

Proof Test





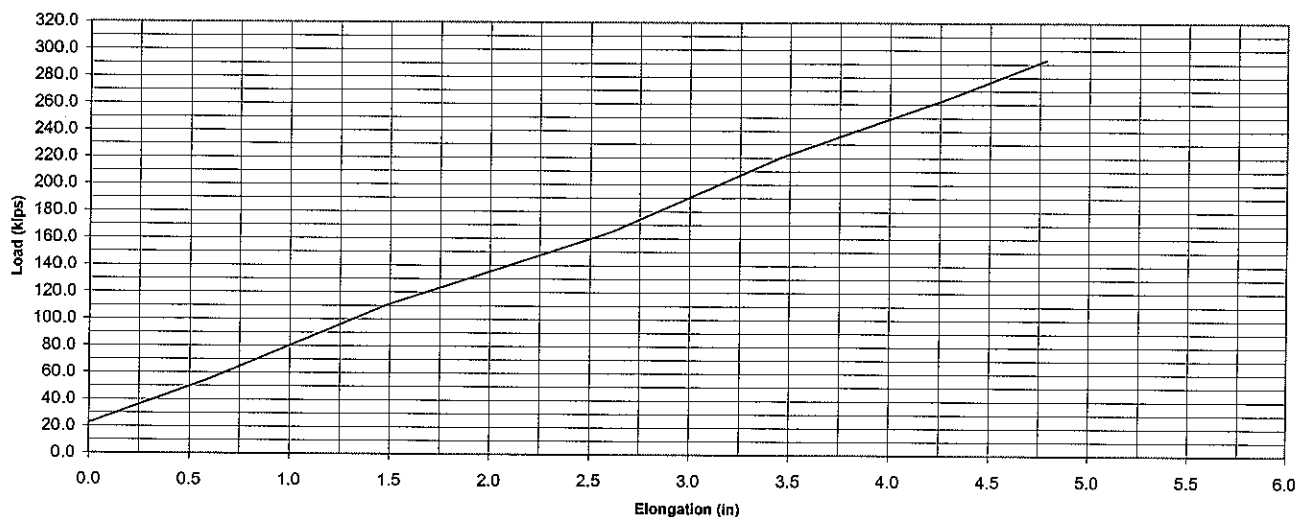
Geotechnical Contractors

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100 Stickie Avenue
P.O. Box 316
Rockaway, NJ 07866
Telephone: 973-627-2100
Facsimile: 973-588-7265

ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T54		Date Tested: 10/7/2005
Job Name: 600 W. 42nd St.			Date Installed: 9/21/2005		Design Load: 220 Kips
Tested by: Craig Anderson			Jack No: 1	Gauge No.: Z7001CE	Calibration Date: 6/22/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.602	
50%	110.0		2650	1.479	
75%	165.0		3975	2.614	
100%	220.0		5275	3.451	
120%	264.0		6350	4.290	
133%	292.6		7025	4.783	
	292.6	1 min	7025	4.783	
	292.6	2 min	7025	4.783	
	292.6	3 min	7025	4.783	
	292.6	4 min	7025	4.783	
	292.6	5 min	7025	4.783	
	292.6	6 min	7025	4.783	
	292.6	10 min	7025	4.783	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

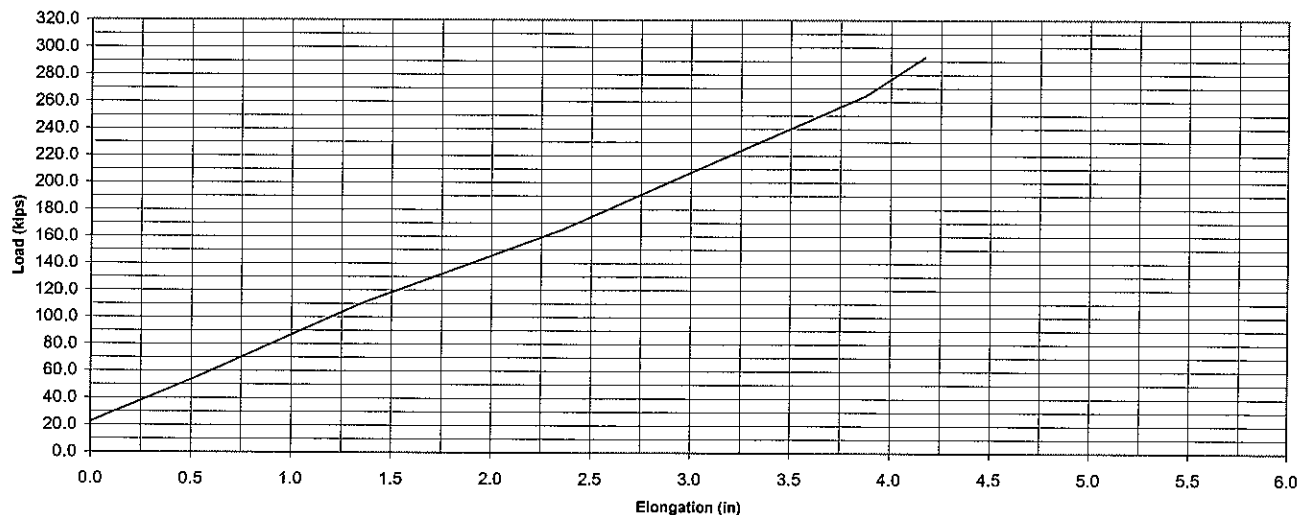
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124		ANCHOR NO: T55		Date Tested: 10/7/2005	
Job Name: 600 W. 42nd St.		Date Installed: 9/21/2005		Design Load: 220 Kips	
Tested by: Craig Anderson		Jack No: 1 Gauge No.: Z7001CE		Calibration Date: 6/22/2005	
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.529	
50%	110.0		2650	1.351	
75%	165.0		3975	2.360	
100%	220.0		5275	3.195	
120%	264.0		6350	3.872	
133%	292.6		7025	4.170	
	292.6	1 min	7025	4.170	
	292.6	2 min	7025	4.170	
	292.6	3 min	7025	4.170	
	292.6	4 min	7025	4.170	
	292.6	5 min	7025	4.170	
	292.6	6 min	7025	4.170	
	292.6	10 min	7025	4.170	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

Proof Test





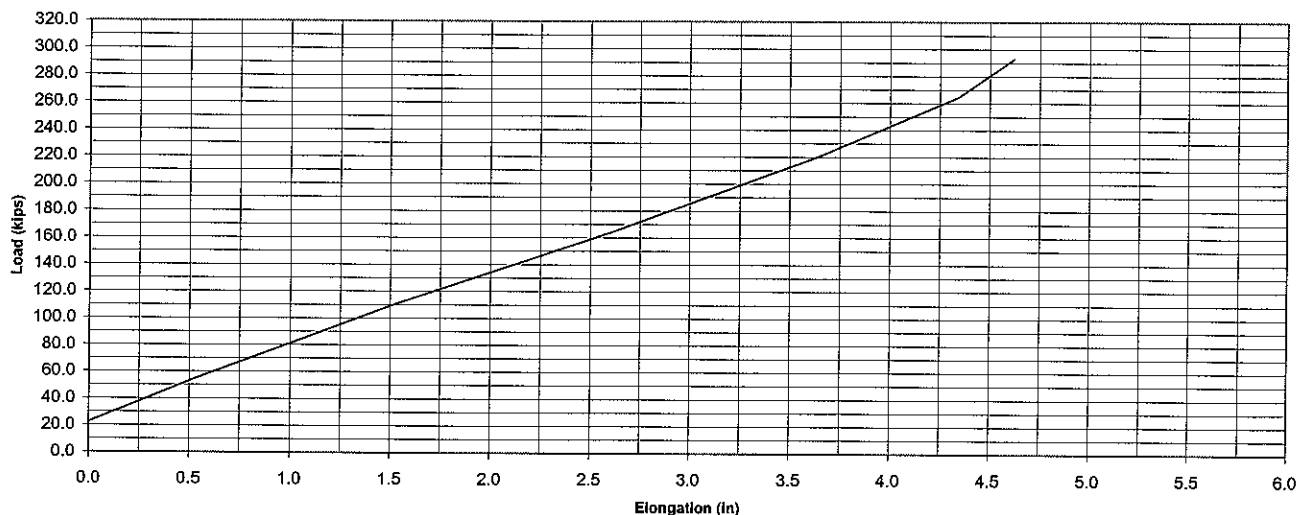
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P.O. Box 316
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Facsimile: 973-586-7265

ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T56		Date Tested: 10/7/2005
Job Name: 600 W. 42nd St.			Date Installed: 9/22/2005		Design Load: 220 Kips
Tested by: Craig Anderson			Jack No: 1	Gauge No.: Z7001CE	Calibration Date: 6/22/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.540	
50%	110.0		2650	1.519	
75%	165.0		3975	2.629	
100%	220.0		5275	3.640	
120%	264.0		6350	4.339	
133%	292.6		7025	4.621	
	292.6	1 min	7025	4.621	
	292.6	2 min	7025	4.621	
	292.6	3 min	7025	4.621	
	292.6	4 min	7025	4.621	
	292.6	5 min	7025	4.621	
	292.6	6 min	7025	4.621	
	292.6	10 min	7025	4.621	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

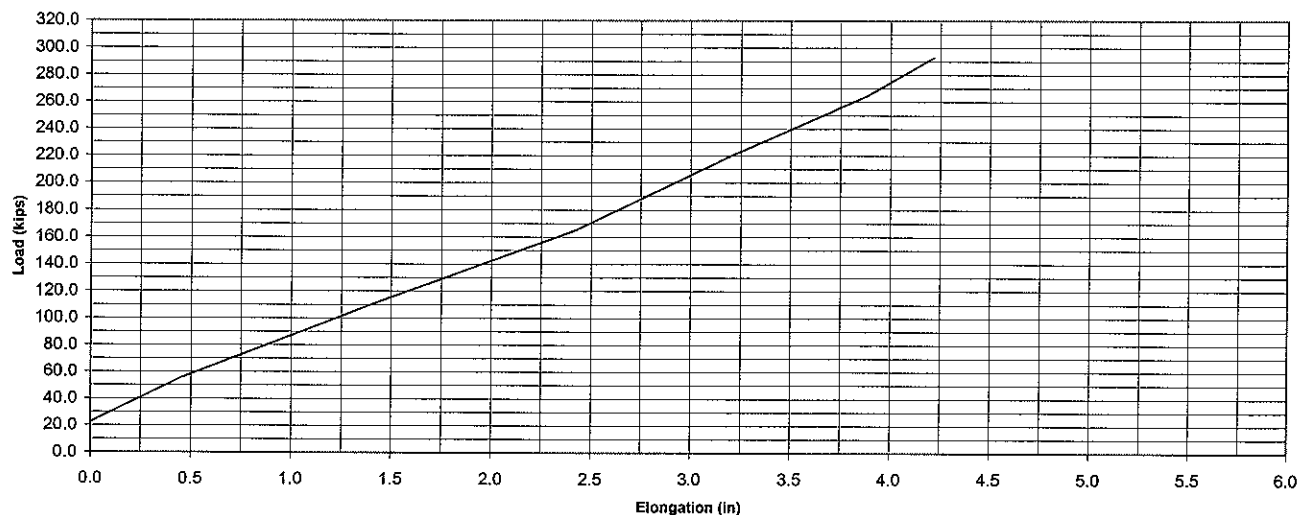
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124		ANCHOR NO: T57		Date Tested: 10/7/2005	
Job Name: 600 W. 42nd St.		Date Installed: 9/22/2005		Design Load: 220 Kips	
Tested by: Craig Anderson		Jack No: 1	Gauge No.: Z7001CE	Calibration Date: 6/22/2005	
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.450	
50%	110.0		2650	1.402	
75%	165.0		3975	2.426	
100%	220.0		5275	3.206	
120%	264.0		6350	3.880	
133%	292.6		7025	4.216	
	292.6	1 min	7025	4.216	
	292.6	2 min	7025	4.216	
	292.6	3 min	7025	4.216	
	292.6	4 min	7025	4.216	
	292.6	5 min	7025	4.216	
	292.6	6 min	7025	4.216	
	292.6	10 min	7025	4.216	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

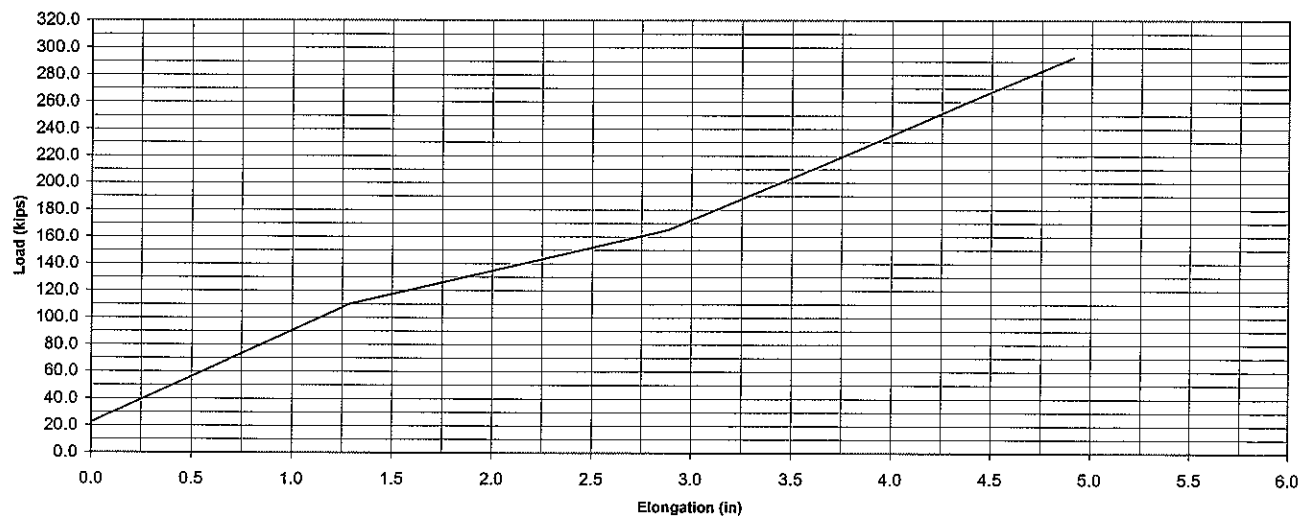
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124		ANCHOR NO: T58			Date Tested: 10/7/2005
Job Name: 600 W. 42nd St.		Date Installed: 9/22/2005			Design Load: 220 Kips
Tested by: Craig Anderson		Jack No: 1	Gauge No.: Z7001CE		Calibration Date: 6/22/2005
Load increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.488	
50%	110.0		2650	1.289	
75%	165.0		3975	2.886	
100%	220.0		5275	3.766	
120%	264.0		6350	4.451	
133%	292.6		7025	4.912	
	292.6	1 min	7025	4.912	
	292.6	2 min	7025	4.912	
	292.6	3 min	7025	4.912	
	292.6	4 min	7025	4.912	
	292.6	5 min	7025	4.912	
	292.6	6 min	7025	4.912	
	292.6	10 min	7025	4.912	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

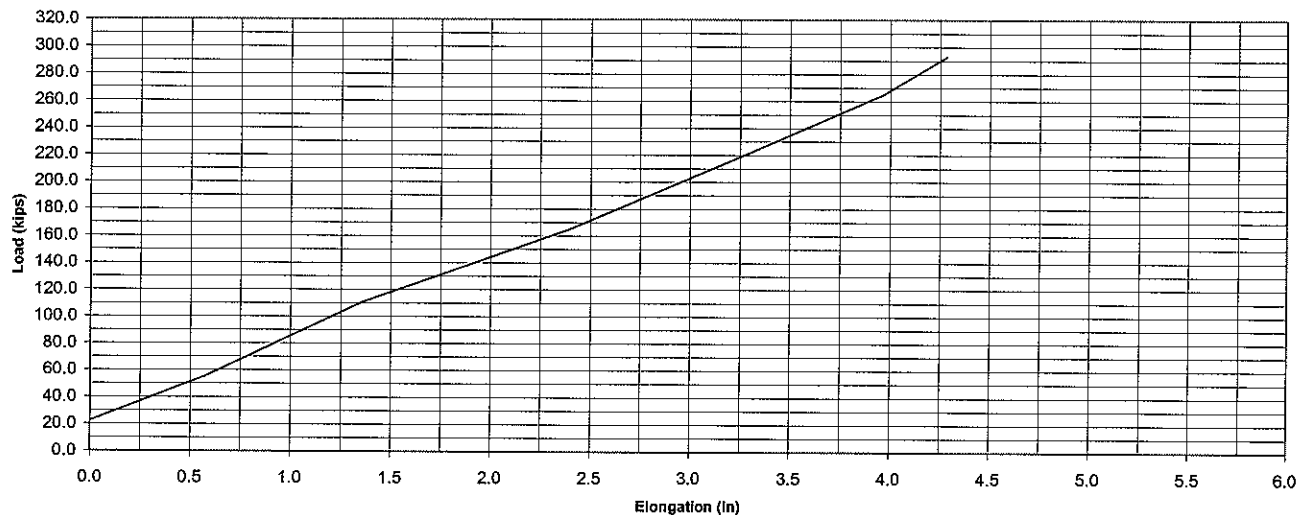
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124		ANCHOR NO: T59		Date Tested: 10/7/2005	
Job Name: 600 W. 42nd St.		Date Installed: 9/23/2005		Design Load: 220 Kips	
Tested by: Craig Anderson		Jack No: 1 Gauge No.: Z7001CE		Calibration Date: 6/22/2005	
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.574	
50%	110.0		2650	1.350	
75%	165.0		3975	2.400	
100%	220.0		5275	3.275	
120%	264.0		6350	3.955	
133%	292.6		7025	4.283	
	292.6	1 min	7025	4.283	
	292.6	2 min	7025	4.283	
	292.6	3 min	7025	4.283	
	292.6	4 min	7025	4.283	
	292.6	5 min	7025	4.283	
	292.6	6 min	7025	4.283	
	292.6	10 min	7025	4.283	Move. 1 -10 min.(<0.04"); 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08");
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

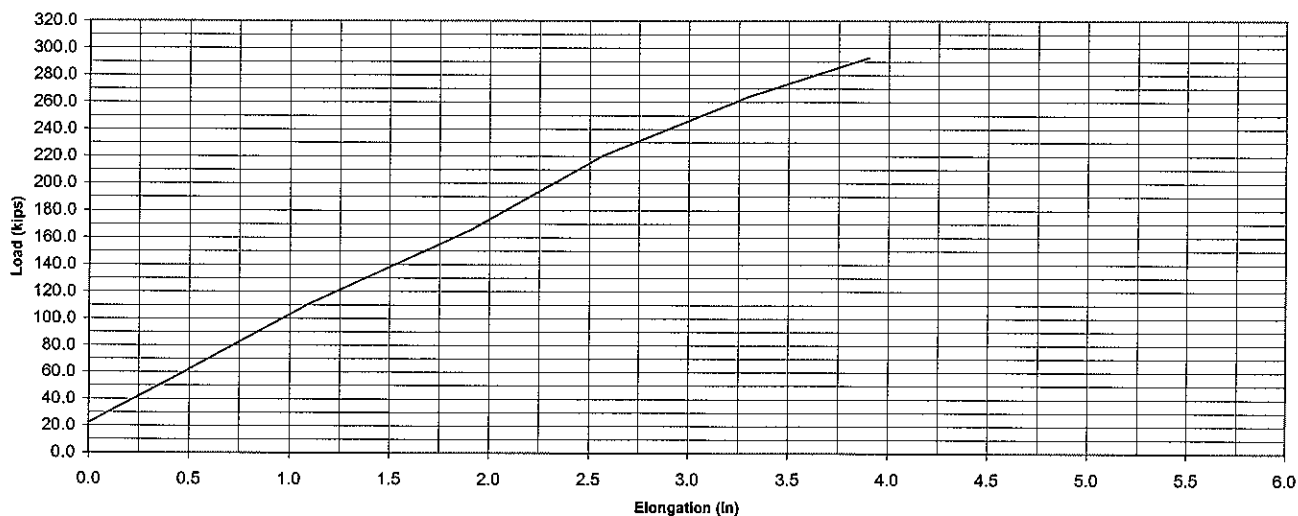
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124		ANCHOR NO: T60		Date Tested: 10/7/2005	
Job Name: 600 W. 42nd St.		Date Installed: 9/23/2005		Design Load: 220 Kips	
Tested by: Craig Anderson		Jack No: 1	Gauge No.: Z7001CE	Calibration Date: 6/22/2005	
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.416	
50%	110.0		2650	1.086	
75%	165.0		3975	1.900	
100%	220.0		5275	2.566	
120%	264.0		6350	3.305	
133%	292.6		7025	3.902	
	292.6	1 min	7025	3.902	
	292.6	2 min	7025	3.902	
	292.6	3 min	7025	3.902	
	292.6	4 min	7025	3.902	
	292.6	5 min	7025	3.902	
	292.6	6 min	7025	3.902	
	292.6	10 min	7025	3.902	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

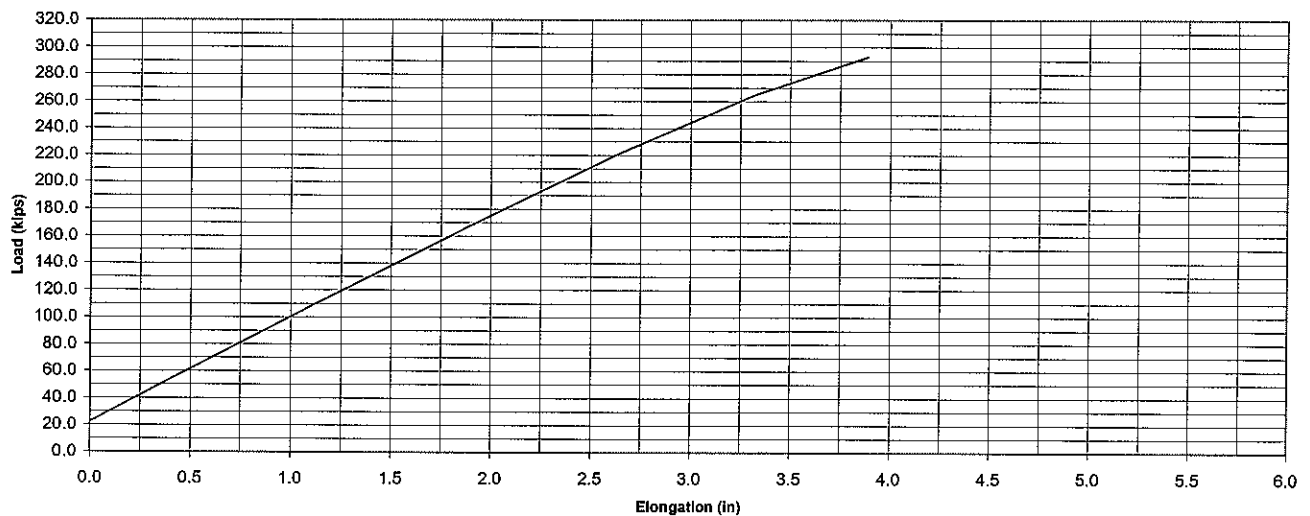
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124		ANCHOR NO: T61			Date Tested: 10/19/2005
Job Name: 600 W. 42nd St.		Date Installed: 9/23/2005			Design Load: 220 Kips
Tested by: Jason Kuza		Jack No: 1	Gauge No.: Z7001CE		Calibration Date: 6/22/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.417	
50%	110.0		2650	1.126	
75%	165.0		3975	1.863	
100%	220.0		5275	2.626	
120%	264.0		6350	3.315	
133%	292.6		7025	3.890	
	292.6	1 min	7025	3.890	
	292.6	2 min	7025	3.890	
	292.6	3 min	7025	3.890	
	292.6	4 min	7025	3.890	
	292.6	5 min	7025	3.890	
	292.6	6 min	7025	3.890	
	292.6	10 min	7025	3.890	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

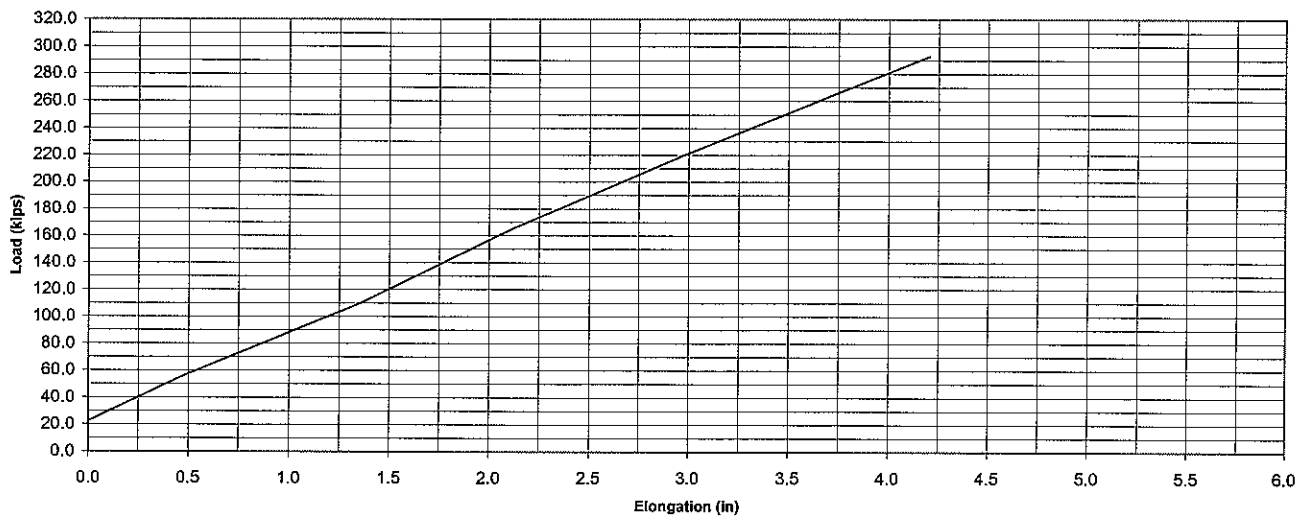
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124		ANCHOR NO: T62		Date Tested: 10/19/2005	
Job Name: 600 W. 42nd St.		Date Installed: 9/27/2005		Design Load: 220 Kips	
Tested by: Jason Kuza		Jack No: 1	Gauge No.: Z7001CE	Calibration Date: 6/22/2005	
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.465	
50%	110.0		2650	1.360	
75%	165.0		3975	2.117	
100%	220.0		5275	2.980	
120%	264.0		6350	3.717	
133%	292.6		7025	4.205	
	292.6	1 min	7025	4.227	
	292.6	2 min	7025	4.227	
	292.6	3 min	7025	4.227	
	292.6	4 min	7025	4.227	
	292.6	5 min	7025	4.227	
	292.6	6 min	7025	4.227	
	292.6	10 min	7025	4.227	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

Proof Test





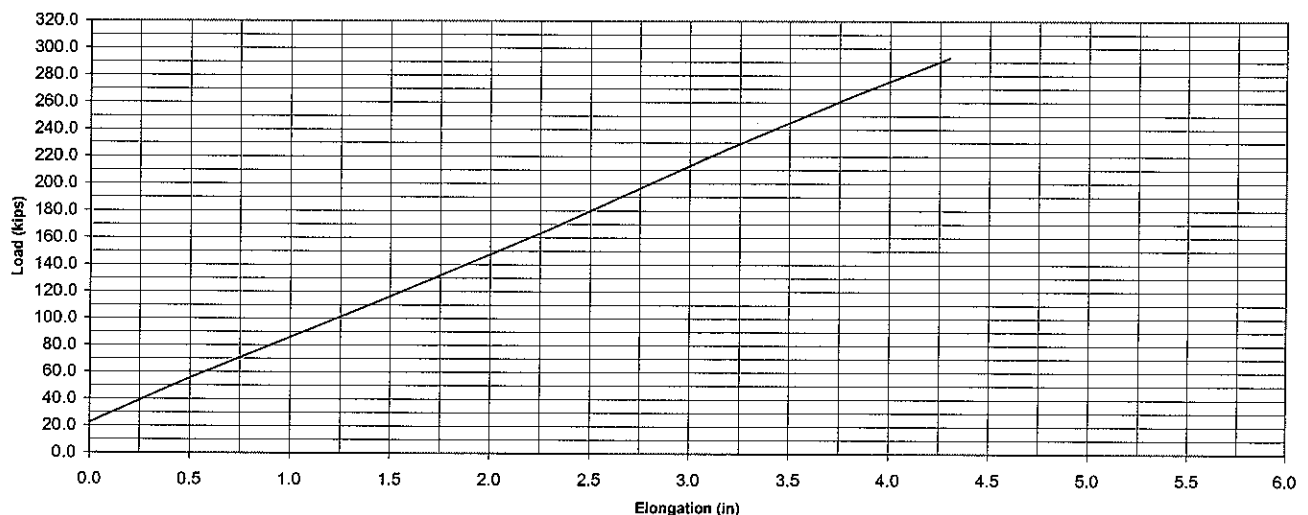
Geotechnical Contractors

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Rockaway, NJ 07866
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Facsimile: 973-586-7265

ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124		ANCHOR NO: T63			Date Tested: 10/19/2005
Job Name: 600 W. 42nd St.		Date Installed: 9/27/2005			Design Load: 220 Kips
Tested by: Jason Kuza		Jack No: 1	Gauge No.: Z7001CE		Calibration Date: 6/22/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.497	
50%	110.0		2650	1.401	
75%	165.0		3975	2.283	
100%	220.0		5275	3.107	
120%	264.0		6350	3.810	
133%	292.6		7025	4.300	
	292.6	1 min	7025	4.300	
	292.6	2 min	7025	4.300	
	292.6	3 min	7025	4.300	
	292.6	4 min	7025	4.300	
	292.6	5 min	7025	4.300	
	292.6	6 min	7025	4.300	
	292.6	10 min	7025	4.300	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

Proof Test





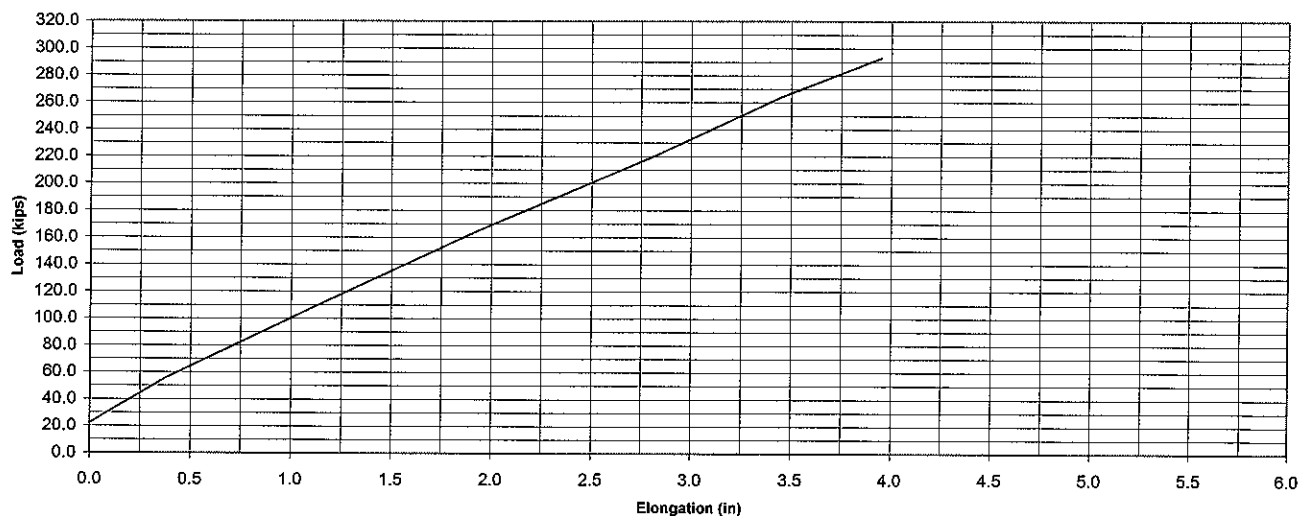
Geotechnical Contractors

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P.O. Box 316
Rockaway, NJ 07866
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ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T64		Date Tested: 10/19/2005
Job Name: 600 W. 42nd St.			Date Installed: 9/27/2005		Design Load: 220 Kips
Tested by: Jason Kuza			Jack No: 1	Gauge No.: Z7001CE	Calibration Date: 6/22/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.373	
50%	110.0		2650	1.139	
75%	165.0		3975	1.937	
100%	220.0		5275	2.815	
120%	264.0		6350	3.455	
133%	292.6		7025	3.950	
	292.6	1 min	7025	3.950	
	292.6	2 min	7025	3.950	
	292.6	3 min	7025	3.950	
	292.6	4 min	7025	3.950	
	292.6	5 min	7025	3.950	
	292.6	6 min	7025	3.950	
	292.6	10 min	7025	3.950	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

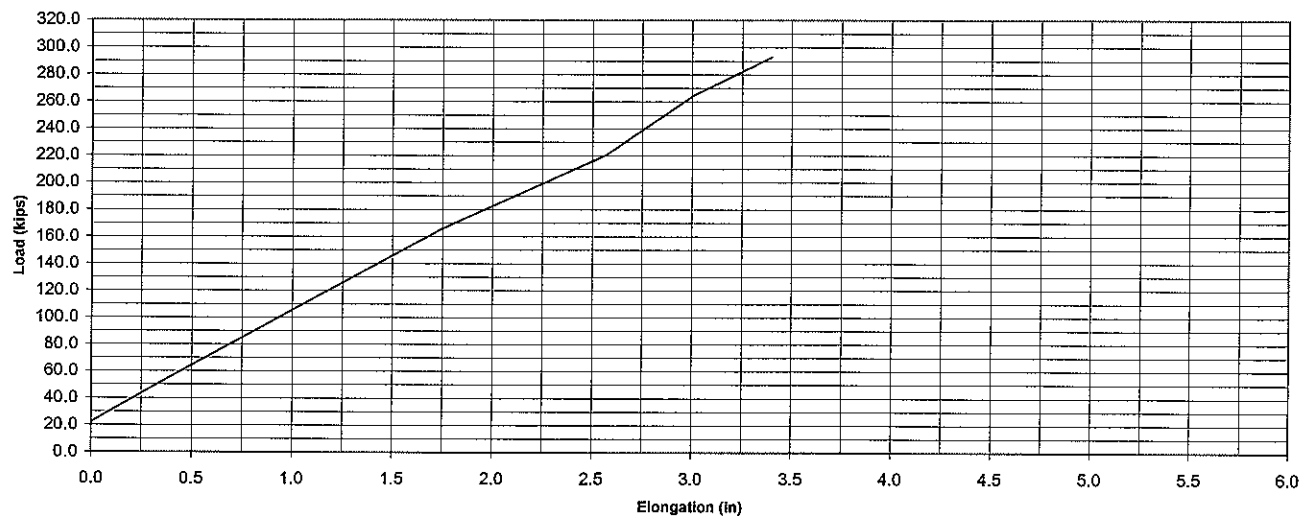
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124		ANCHOR NO: T66			Date Tested: 10/19/2005
Job Name: 600 W. 42nd St.		Date Installed: 9/28/2005			Design Load: 220 Kips
Tested by: Jason Kuza		Jack No: 1	Gauge No.: Z7001CE	Calibration Date: 6/22/2005	
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.388	
50%	110.0		2650	1.055	
75%	165.0		3975	1.740	
100%	220.0		5275	2.565	
120%	264.0		6350	3.004	
133%	292.6		7025	3.400	
	292.6	1 min	7025	3.400	
	292.6	2 min	7025	3.400	
	292.6	3 min	7025	3.400	
	292.6	4 min	7025	3.400	
	292.6	5 min	7025	3.400	
	292.6	6 min	7025	3.400	
	292.6	10 min	7025	3.400	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

Proof Test





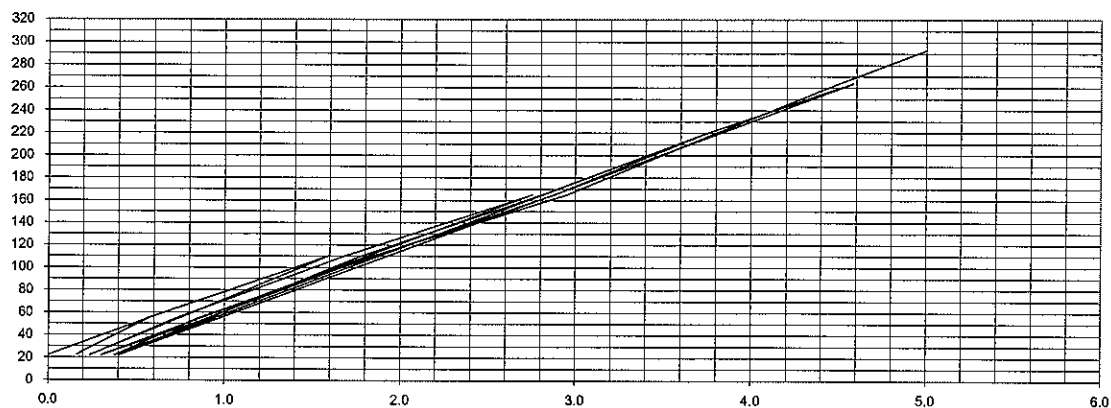
Geotechnical Contractors

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P.O. Box 316
Rockaway, NJ 07866
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ANCHOR PERFORMANCE TEST FIELD DATA

Job No: 71-8124		ANCHOR NO: T67		Date Tested: 10/3/2005	
Job Name: Riverplace 2		Date Installed: 9/29/2005		Design Load: 220 Kips	
Tested by: Craig Anderson		Jack No: 1 Gauge No: Z7001CE		Calibration Date: 6/22/2005	
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Jack Pressure (psi)	Disp. Dial (inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.578	
A.L.	22.0		550	0.162	
25%	55.0		1325	0.573	
50%	110.0		2650	1.592	
A.L.	22.0		550	0.241	
25%	55.0		1325	0.735	
50%	110.0		2650	1.685	
75%	165.0		3975	2.755	
A.L.	22.0		550	0.305	
25%	55.0		1325	0.917	
50%	110.0		2650	1.778	
75%	165.0		3975	2.812	
100%	220.0		5275	3.755	
A.L.	22.0		550	0.380	
25%	55.0		1325	0.858	
50%	110.0		2650	1.855	
75%	165.0		3975	2.884	
100%	220.0		5275	3.752	
120%	264.0		6350	4.582	
A.L.	22.0		550	0.405	
25%	55.0		1325	0.910	
50%	110.0		2650	1.845	
75%	165.0		3975	2.955	
100%	220.0		5275	3.805	
120%	264.0		6350	4.500	
133%	293.3		7050	5.005	
	293.3	1 min	7050	5.005	
	293.3	2 min	7050	5.005	
	293.3	3 min	7050	5.005	
	293.3	4 min	7050	5.005	
	293.3	5 min	7050	5.005	
	293.3	6 min	7050	5.005	Move. 1 -10 min. (<0.04"):
	293.3	10 min	7050	5.005	0.000
		20 min	0		
		30 min	0		
		40 min	0		0.453
		50 min	0		Wall Deflected Back@ Chair &
		60 min	0		Interlocks.
			0		Move. 6 -60 min. (<0.08"):
LL-75%	165.0		3950		LOCK-OFF LOAD: 165.0

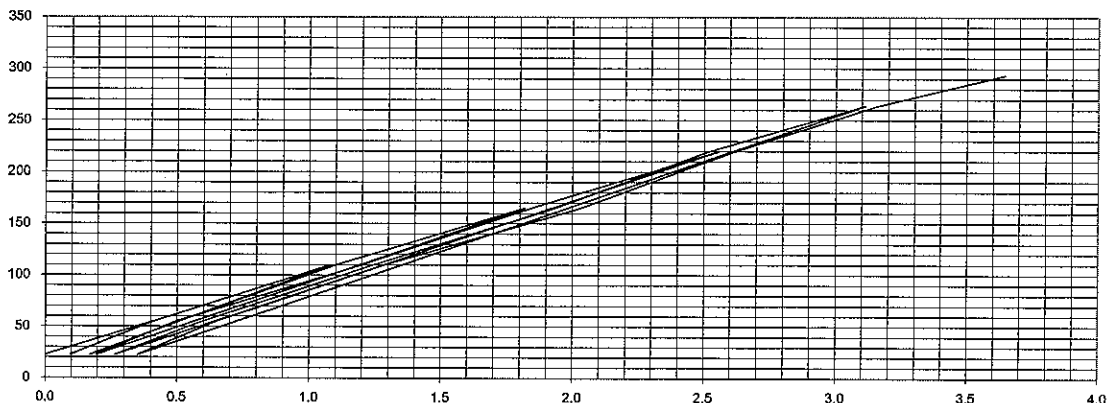
Performance Test



ANCHOR PERFORMANCE TEST FIELD DATA

Job No: 71-8124		ANCHOR NO: T68		Date Tested: 10/3/2005	
Job Name: Riverplace 2		Date Installed: 9/29/2005		Design Load: 220 Kips	
Tested by: Craig Anderson		Jack No: 1	Gauge No: Z7001CE	Calibration Date: 6/22/2005	
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Jack Pressure (psi)	Disp. Dial (Inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.412	
A.L.	22.0		550	0.096	
25%	55.0		1325	0.415	
50%	110.0		2650	1.081	
A.L.	22.0		550	0.170	
25%	55.0		1325	0.508	
50%	110.0		2650	1.103	
75%	165.0		3975	1.821	
A.L.	22.0		550	0.195	
25%	55.0		1325	0.500	
50%	110.0		2650	1.200	
75%	165.0		3975	1.844	
100%	220.0		5275	2.559	
A.L.	22.0		550	0.265	
25%	55.0		1325	0.599	
50%	110.0		2650	1.245	
75%	165.0		3975	1.935	
100%	220.0		5275	2.522	
120%	264.0		6350	3.112	
A.L.	22.0		550	0.352	
25%	55.0		1325	0.650	
50%	110.0		2650	1.287	
75%	165.0		3975	2.035	
100%	220.0		5275	2.620	
120%	264.0		6350	3.160	
133%	293.3		7050	3.645	
	293.3	1 min	7050	3.665	
	293.3	2 min	7050	3.665	
	293.3	3 min	7050	3.665	
	293.3	4 min	7050	3.665	
	293.3	5 min	7050	3.665	
	293.3	6 min	7050	3.665	Move. 1 -10 min.(<0.04"): 0.000
	293.3	10 min	7050	3.665	
		20 min	0		
		30 min	0		
		40 min	0		0.115
		50 min	0		
		60 min	0		
			0		Move. 6 -60 min.(<0.08"): 0.000
LL-75%	165.0		3950		LOCK-OFF LOAD: 165.0

Performance Test



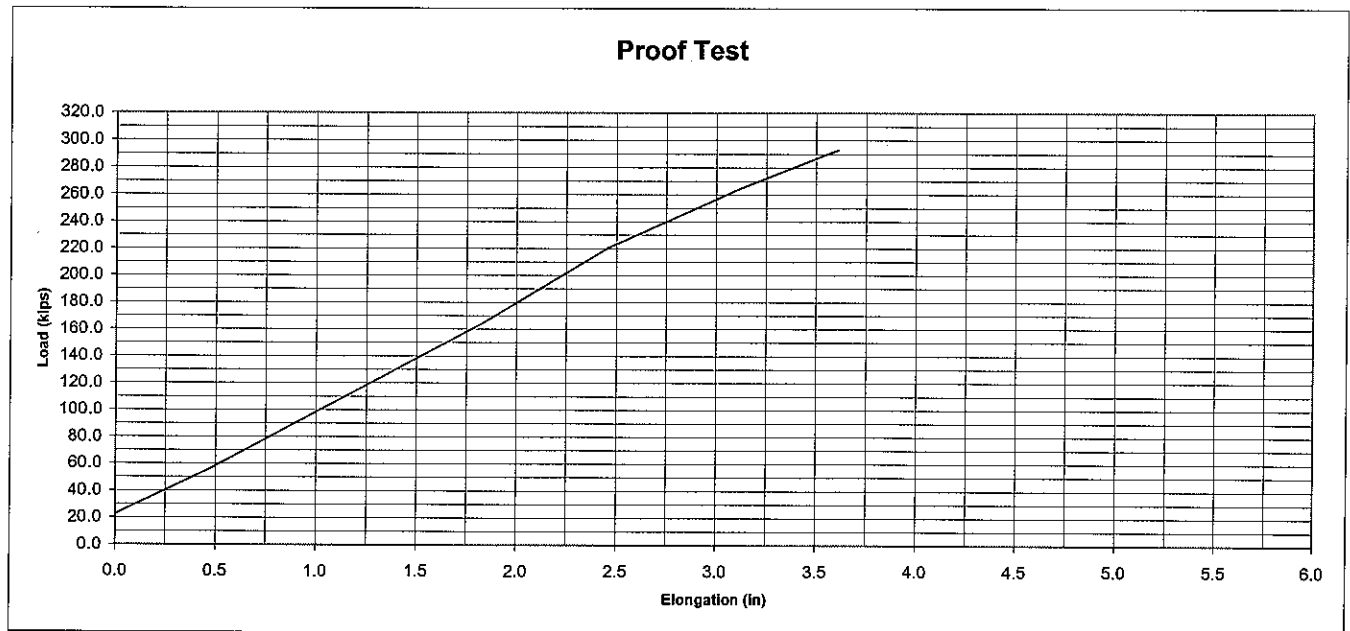


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Rockaway, NJ 07866
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ANCHOR PROOF TEST FIELD DATA

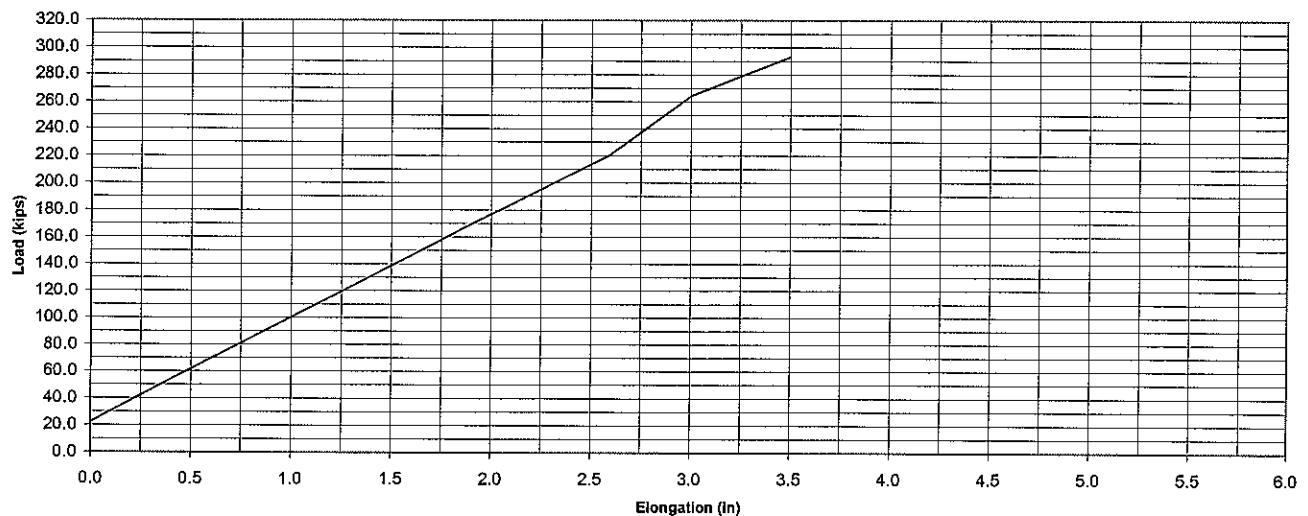
Job No: 71-8124			ANCHOR NO: T69		Date Tested: 10/19/2005
Job Name: 600 W. 42nd St.			Date Installed: 9/29/2005		Design Load: 220 Kips
Tested by: Jason Kuza			Jack No: 1	Gauge No.: Z7001CE	Calibration Date: 6/22/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (Inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.461	
50%	110.0		2650	1.146	
75%	165.0		3975	1.839	
100%	220.0		5275	2.454	
120%	264.0		6350	3.116	
133%	292.6		7025	3.609	
	292.6	1 min	7025	3.609	
	292.6	2 min	7025	3.609	
	292.6	3 min	7025	3.609	
	292.6	4 min	7025	3.609	
	292.6	5 min	7025	3.609	
	292.6	6 min	7025	3.609	
	292.6	10 min	7025	3.609	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T70		Date Tested: 10/19/2005
Job Name: 600 W. 42nd St.			Date Installed: 9/30/2005		Design Load: 220 Kips
Tested by: Jason Kuza			Jack No: 1	Gauge No.: Z7001CE	Calibration Date: 6/22/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.416	
50%	110.0		2650	1.128	
75%	165.0		3975	1.845	
100%	220.0		5275	2.592	
120%	264.0		6350	3.001	
133%	292.6		7025	3.499	
	292.6	1 min	7025	3.499	
	292.6	2 min	7025	3.499	
	292.6	3 min	7025	3.499	
	292.6	4 min	7025	3.499	
	292.6	5 min	7025	3.499	
	292.6	6 min	7025	3.499	
	292.6	10 min	7025	3.499	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

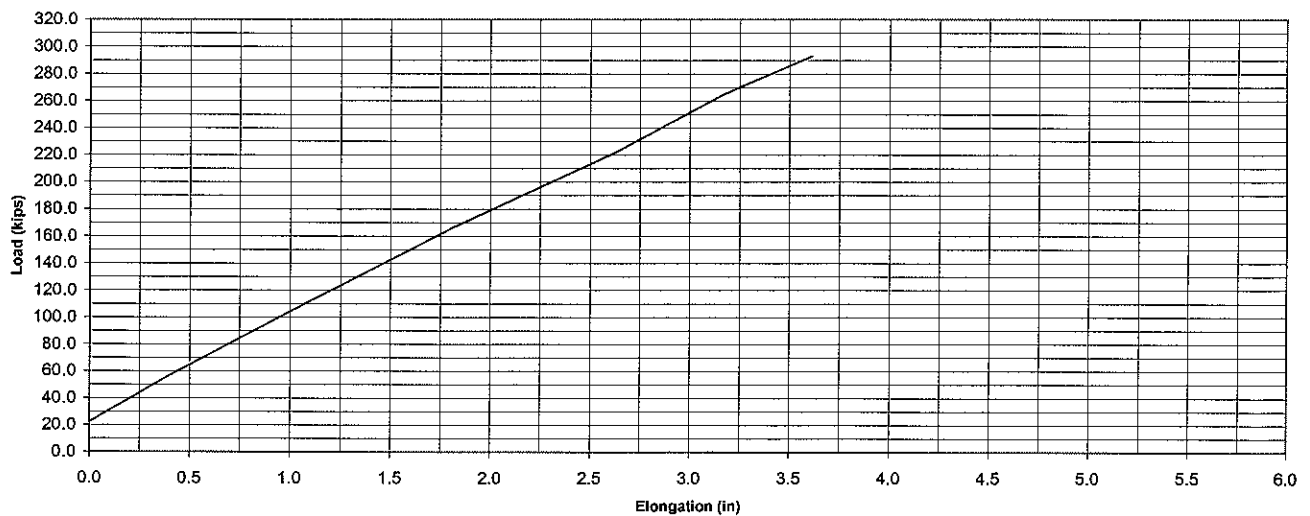
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124		ANCHOR NO: T71		Date Tested: 10/20/2005	
Job Name: 600 W. 42nd St.		Date Installed: 9/30/2005		Design Load: 220 Kips	
Tested by: Jason Kuza		Jack No: 1	Gauge No.: Z7001CE	Calibration Date: 6/22/2005	
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.380	
50%	110.0		2650	1.074	
75%	165.0		3975	1.796	
100%	220.0		5275	2.604	
120%	264.0		6350	3.161	
133%	292.6		7025	3.611	
	292.6	1 min	7025	3.611	
	292.6	2 min	7025	3.611	
	292.6	3 min	7025	3.611	
	292.6	4 min	7025	3.611	
	292.6	5 min	7025	3.611	
	292.6	6 min	7025	3.611	
	292.6	10 min	7025	3.611	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

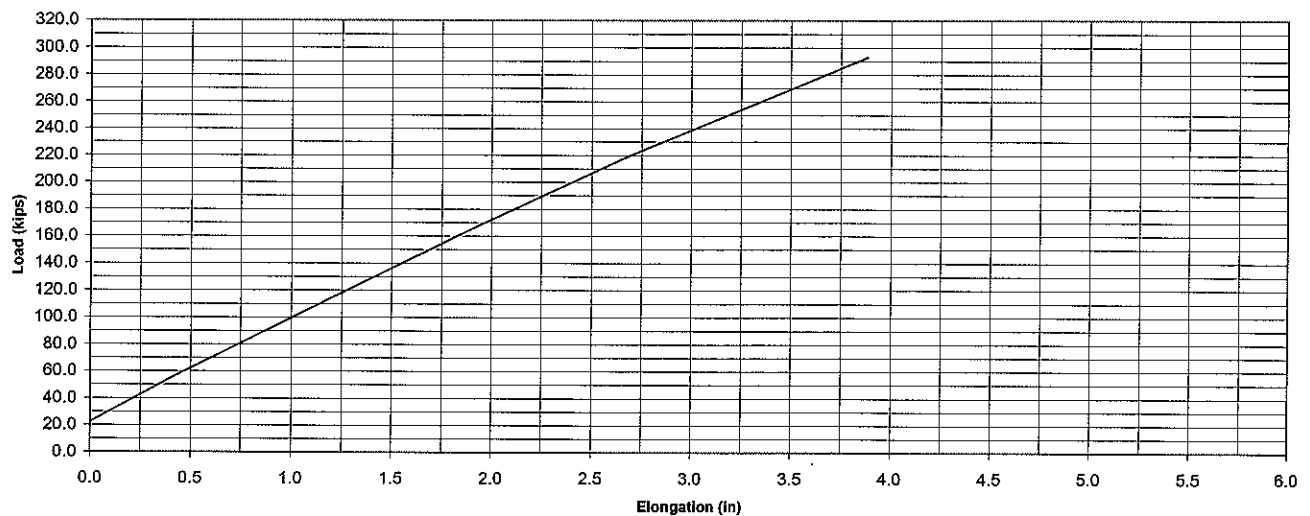
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124		ANCHOR NO: T72		Date Tested: 10/20/2005	
Job Name: 600 W. 42nd St.		Date Installed: 9/30/2005		Design Load: 220 Kips	
Tested by: Jason Kurza		Jack No: 1	Gauge No.: Z7001CE	Calibration Date: 6/22/2005	
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.404	
50%	110.0		2650	1.144	
75%	165.0		3975	1.900	
100%	220.0		5275	2.698	
120%	264.0		6350	3.420	
133%	292.6		7025	3.884	
	292.6	1 min	7025	3.884	
	292.6	2 min	7025	3.884	
	292.6	3 min	7025	3.884	
	292.6	4 min	7025	3.884	
	292.6	5 min	7025	3.884	
	292.6	6 min	7025	3.884	
	292.6	10 min	7025	3.884	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

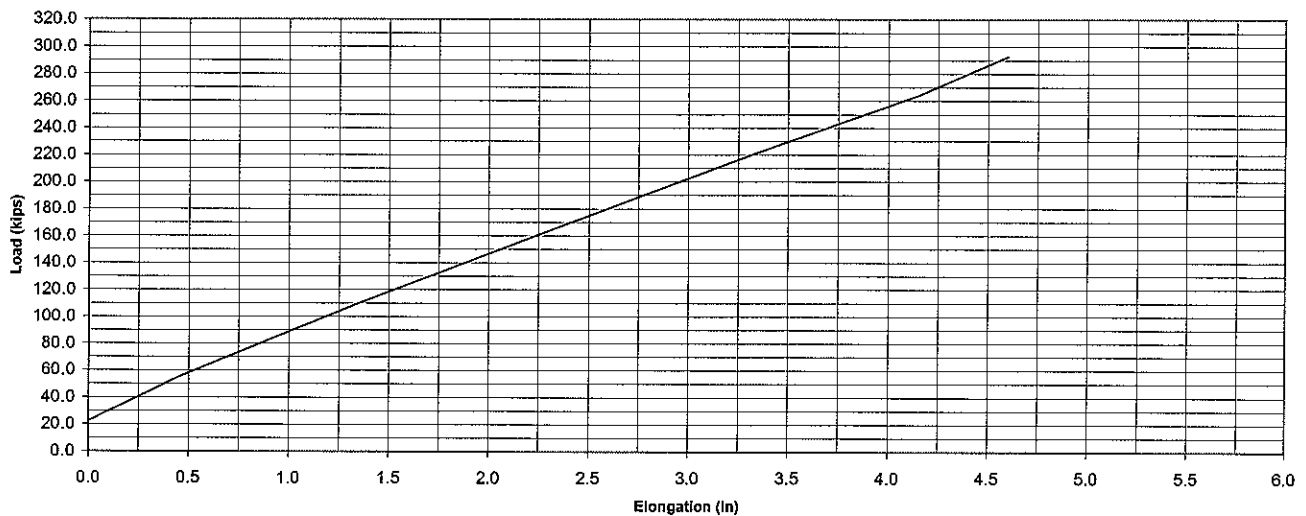
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T73		Date Tested: 10/20/2005
Job Name: 600 W. 42nd St.			Date Installed: 10/11/2005		Design Load: 220 Kips
Tested by: Jason Kuza			Jack No: 1	Gauge No.: Z7001CE	Calibration Date: 6/22/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.456	
50%	110.0		2650	1.352	
75%	165.0		3975	2.329	
100%	220.0		5275	3.320	
120%	264.0		6350	4.155	
133%	292.6		7025	4.602	
	292.6	1 min	7025	4.602	
	292.6	2 min	7025	4.602	
	292.6	3 min	7025	4.602	
	292.6	4 min	7025	4.602	
	292.6	5 min	7025	4.602	
	292.6	6 min	7025	4.602	
	292.6	10 min	7025	4.602	Move. 1 - 10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 - 60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

Proof Test





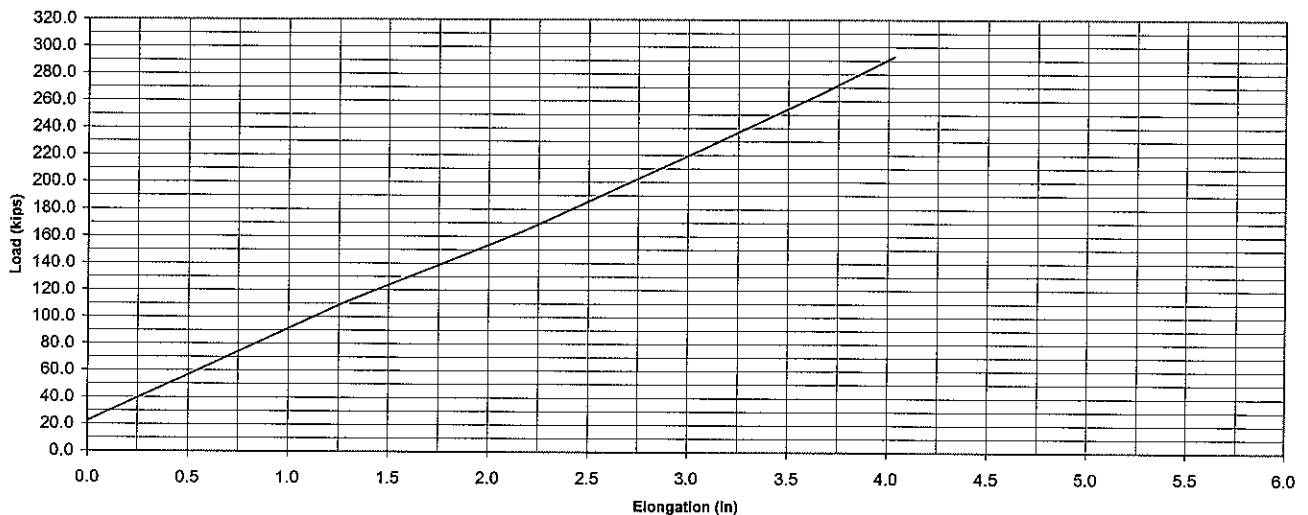
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ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T74		Date Tested: 10/20/2005
Job Name: 600 W. 42nd St.			Date Installed: 10/11/2005		Design Load: 220 Kips
Tested by: Jason Kuza			Jack No: 1	Gauge No.: Z7001CE	Calibration Date: 6/22/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.482	
50%	110.0		2650	1.272	
75%	165.0		3975	2.196	
100%	220.0		5275	3.011	
120%	264.0		6350	3.645	
133%	292.6		7025	4.031	
	292.6	1 min	7025	4.031	
	292.6	2 min	7025	4.031	
	292.6	3 min	7025	4.031	
	292.6	4 min	7025	4.031	
	292.6	5 min	7025	4.031	
	292.6	6 min	7025	4.031	
	292.6	10 min	7025	4.031	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

Proof Test





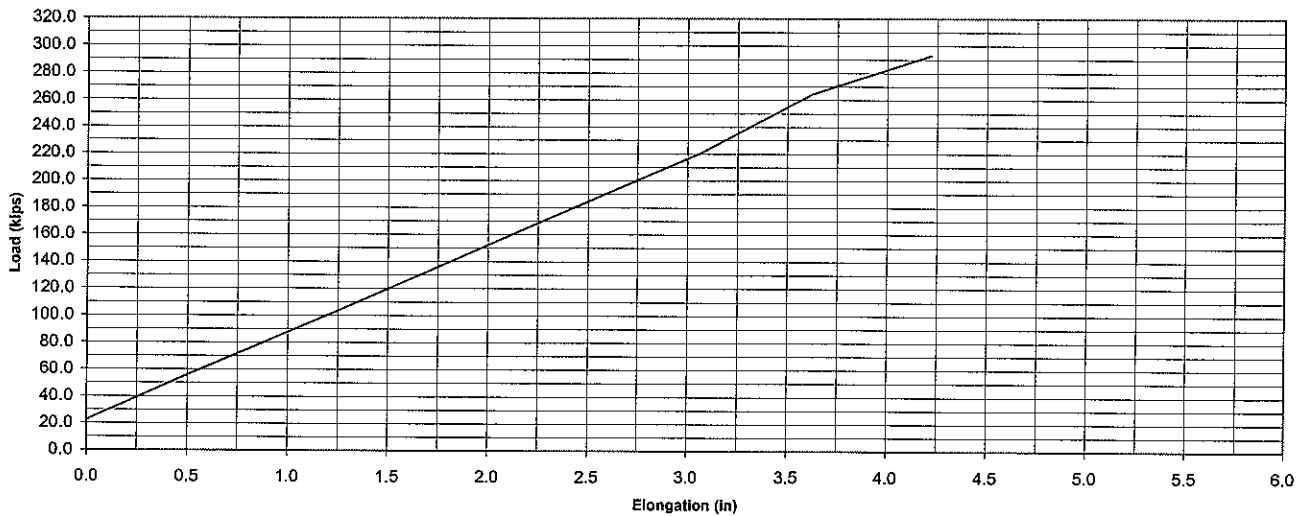
Geotechnical Contractors

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ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T75		Date Tested: 10/20/2005
Job Name: 600 W. 42nd St.			Date Installed: 10/12/2005		Design Load: 220 Kips
Tested by: Jay Kuza			Jack No: 1	Gauge No.: Z7001CE	Calibration Date: 6/22/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.493	
50%	110.0		2650	1.354	
75%	165.0		3975	2.200	
100%	220.0		5275	3.058	
120%	264.0		6350	3.620	
133%	292.6		7025	4.219	
	292.6	1 min	7025	4.219	
	292.6	2 min	7025	4.219	
	292.6	3 min	7025	4.219	
	292.6	4 min	7025	4.219	
	292.6	5 min	7025	4.219	
	292.6	6 min	7025	4.219	
	292.6	10 min	7025	4.219	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

Proof Test





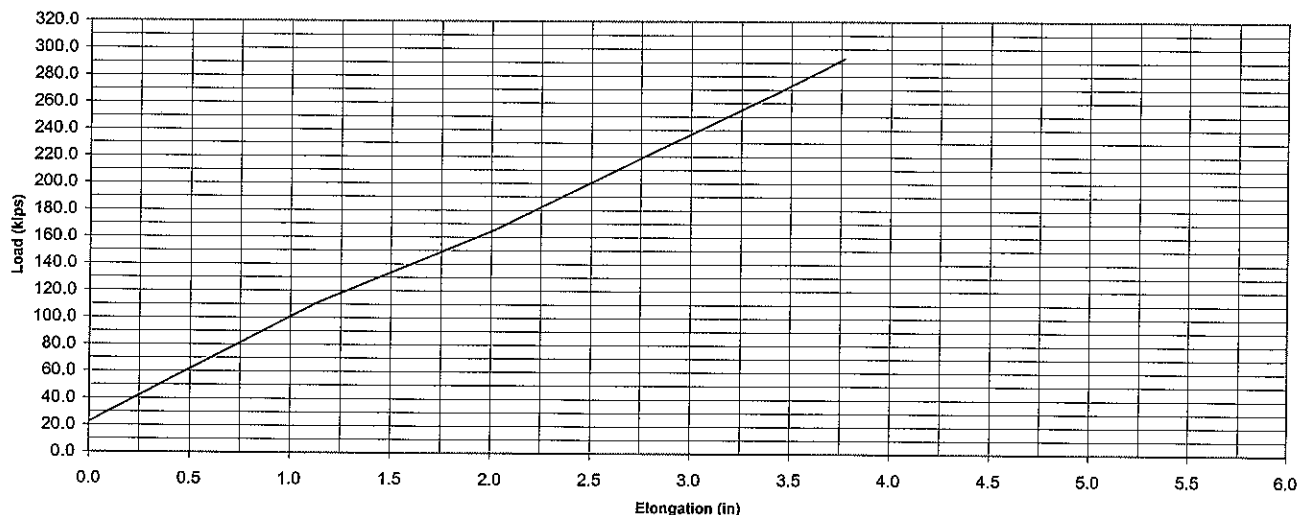
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ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124		ANCHOR NO: T76			Date Tested: 10/20/2005
Job Name: 600 W. 42nd St.		Date Installed: 10/14/2005			Design Load: 220 Kips
Tested by: Jay Kuza		Jack No: 1	Gauge No.: Z7001CE		Calibration Date: 6/22/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.415	
50%	110.0		2650	1.121	
75%	165.0		3975	2.016	
100%	220.0		5275	2.770	
120%	264.0		6350	3.384	
133%	292.6		7025	3.767	
	292.6	1 min	7025	3.767	
	292.6	2 min	7025	3.767	
	292.6	3 min	7025	3.767	
	292.6	4 min	7025	3.767	
	292.6	5 min	7025	3.767	
	292.6	6 min	7025	3.767	
	292.6	10 min	7025	3.767	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

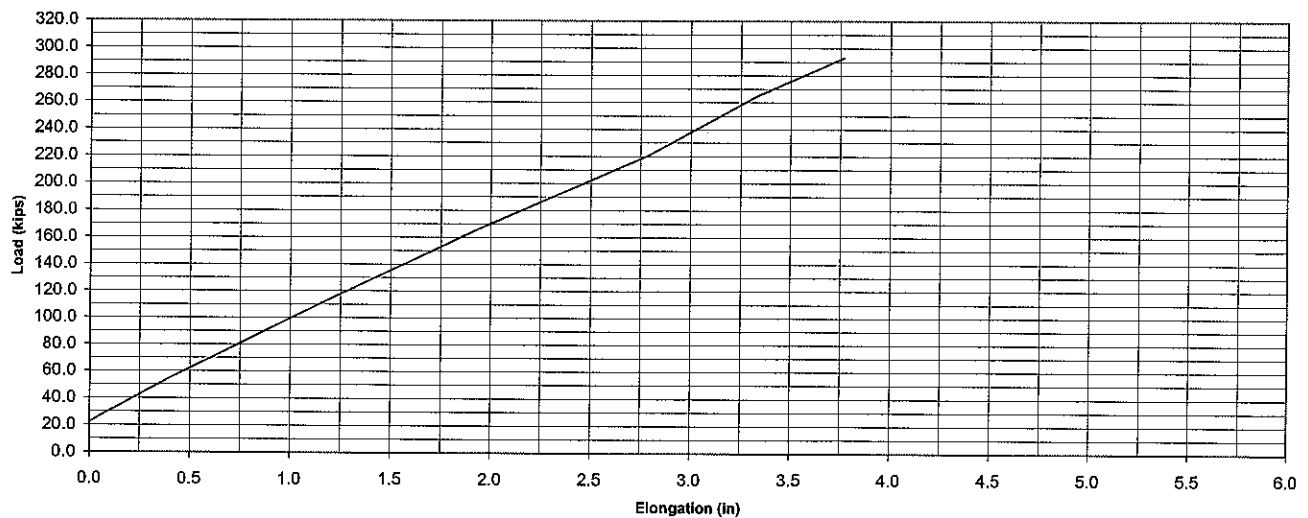
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T77		Date Tested: 10/21/2005
Job Name: 600 W. 42nd St.			Date Installed: 10/17/2005		Design Load: 220 Kips
Tested by: Jay Kuza			Jack No: 1	Gauge No.: Z7001CE	Calibration Date: 6/22/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.407	
50%	110.0		2650	1.145	
75%	165.0		3975	1.925	
100%	220.0		5275	2.780	
120%	264.0		6350	3.325	
133%	292.6		7025	3.766	
	292.6	1 min	7025	3.766	
	292.6	2 min	7025	3.766	
	292.6	3 min	7025	3.766	
	292.6	4 min	7025	3.766	
	292.6	5 min	7025	3.766	
	292.6	6 min	7025	3.766	
	292.6	10 min	7025	3.766	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

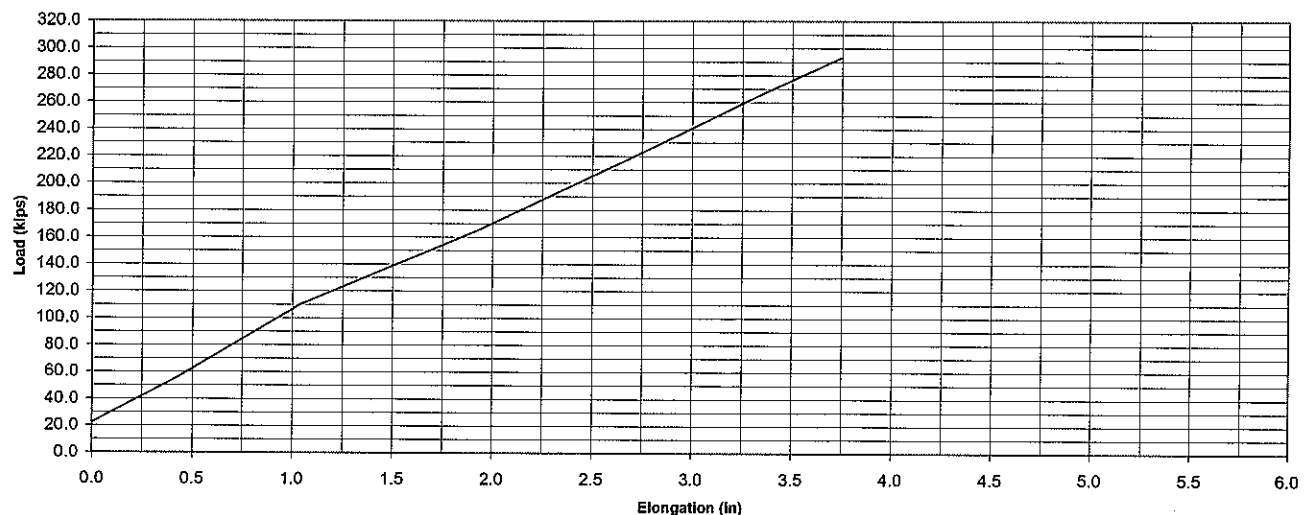
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124		ANCHOR NO: T78		Date Tested: 10/21/2005	
Job Name: 600 W. 42nd St.		Date Installed: 10/17/2005		Design Load: 220 Kips	
Tested by: Jay Kuza		Jack No: 1	Gauge No.: Z7001CE	Calibration Date: 6/22/2005	
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		550	0.000	
25%	55.0		1325	0.419	
50%	110.0		2650	1.041	
75%	165.0		3975	1.930	
100%	220.0		5275	2.715	
120%	264.0		6350	3.323	
133%	292.6		7025	3.744	
	292.6	1 min	7025	3.744	
	292.6	2 min	7025	3.744	
	292.6	3 min	7025	3.744	
	292.6	4 min	7025	3.744	
	292.6	5 min	7025	3.744	
	292.6	6 min	7025	3.744	
	292.6	10 min	7025	3.744	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3975		LOCK-OFF LOAD: 165.0

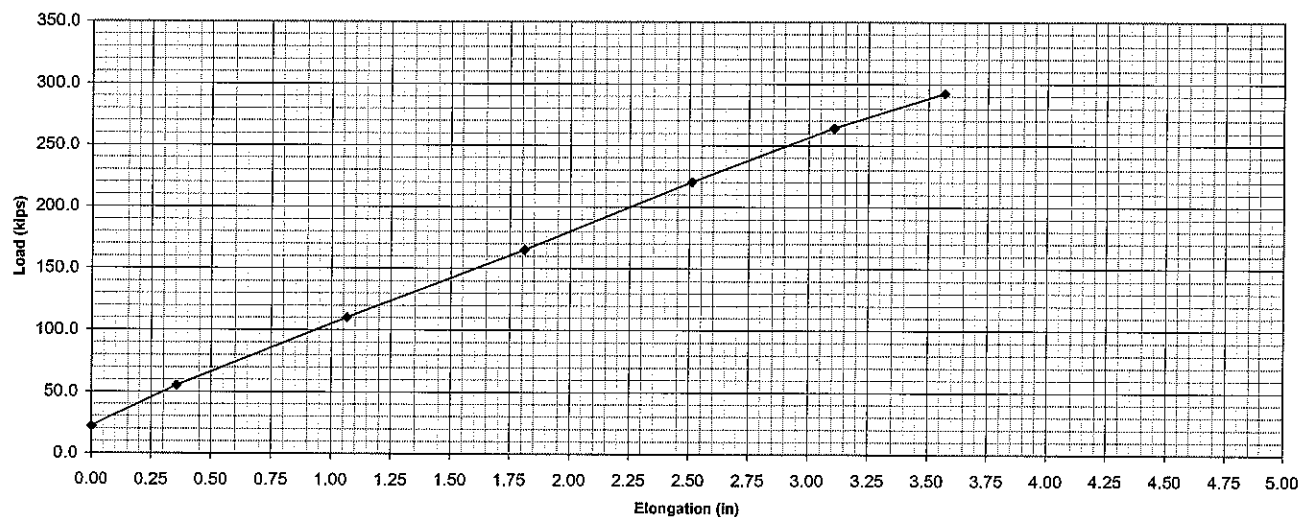
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T79		Date Tested: 12/27/2005
Job Name: Riverplace II-600 West 42nd			Date Installed: 12/22/2005		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: g	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (Inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.357	
50%	110.0		2550	1.066	
75%	165.0		3825	1.810	
100%	220.0		5075	2.512	
120%	264.0		6100	3.106	
133%	293		6750	3.569	
	293	1 min	6750	3.571	
	293	2 min	6750	3.571	
	293	3 min	6750	3.571	
	293	4 min	6750	3.572	
	293	5 min	6750	3.572	
	293	6 min	6750	3.572	
	293	10 min	6750	3.573	Move. 1 -10 min.(<0.04"); 0.002
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08");
		60 min			
LL-75%	165.0		3900		LOCK-OFF LOAD: 165.0

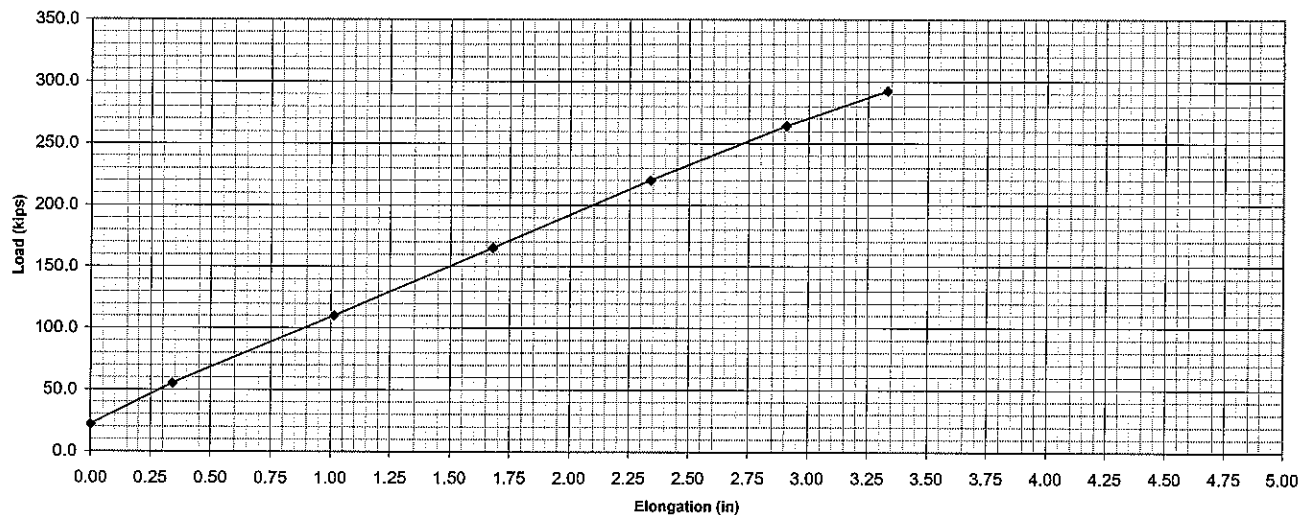
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T80		Date Tested: 12/27/2005
Job Name: Riverplace II-600 West 42nd			Date Installed: 12/22/2005		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.341	
50%	110.0		2550	1.015	
75%	165.0		3825	1.677	
100%	220.0		5075	2.341	
120%	264.0		6100	2.908	
133%	293		6750	3.332	
	293	1 min	6750	3.345	
	293	2 min	6750	3.345	
	293	3 min	6750	3.345	
	293	4 min	6750	3.345	
	293	5 min	6750	3.345	
	293	6 min	6750	3.345	
	293	10 min	6750	3.345	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3875		LOCK-OFF LOAD: 165.0

Proof Test





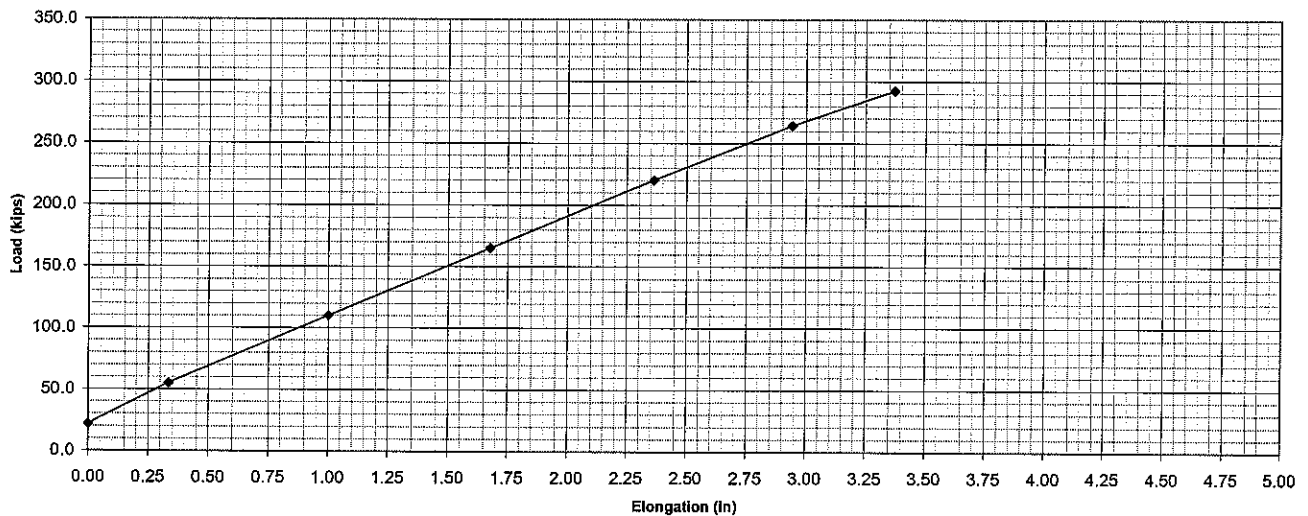
Geotechnical Contractors

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ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T81		Date Tested: 12/27/2005
Job Name: Riverplace II-600 West 42nd			Date Installed: 12/23/2005		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.335	
50%	110.0		2550	1.002	
75%	165.0		3825	1.676	
100%	220.0		5075	2.364	
120%	264.0		6100	2.942	
133%	293		6750	3.371	
	293	1 min	6750	3.374	
	293	2 min	6750	3.374	
	293	3 min	6750	3.374	
	293	4 min	6750	3.374	
	293	5 min	6750	3.374	
	293	6 min	6750	3.374	
	293	10 min	6750	3.374	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3850		LOCK-OFF LOAD: 165.0

Proof Test





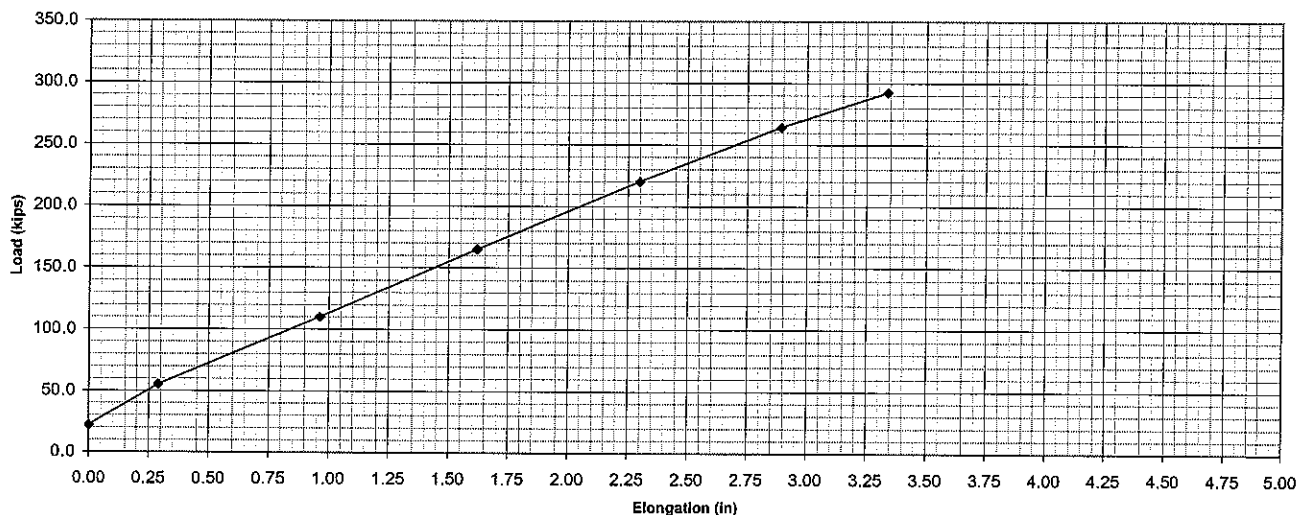
Geotechnical Contractors

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ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T82		Date Tested: 12/28/2005
Job Name: Riverplace II-600 West 42nd			Date Installed: 12/23/2005		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (Inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.290	
50%	110.0		2550	0.963	
75%	165.0		3825	1.619	
100%	220.0		5075	2.301	
120%	264.0		6100	2.892	
133%	293		6750	3.338	
	293	1 min	6750	3.366	
	293	2 min	6750	3.366	
	293	3 min	6750	3.367	
	293	4 min	6750	3.367	
	293	5 min	6750	3.368	
	293	6 min	6750	3.368	
	293	10 min	6750	3.370	Move. 1 -10 min.(<0.04"): 0.004
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3900		LOCK-OFF LOAD: 165.0

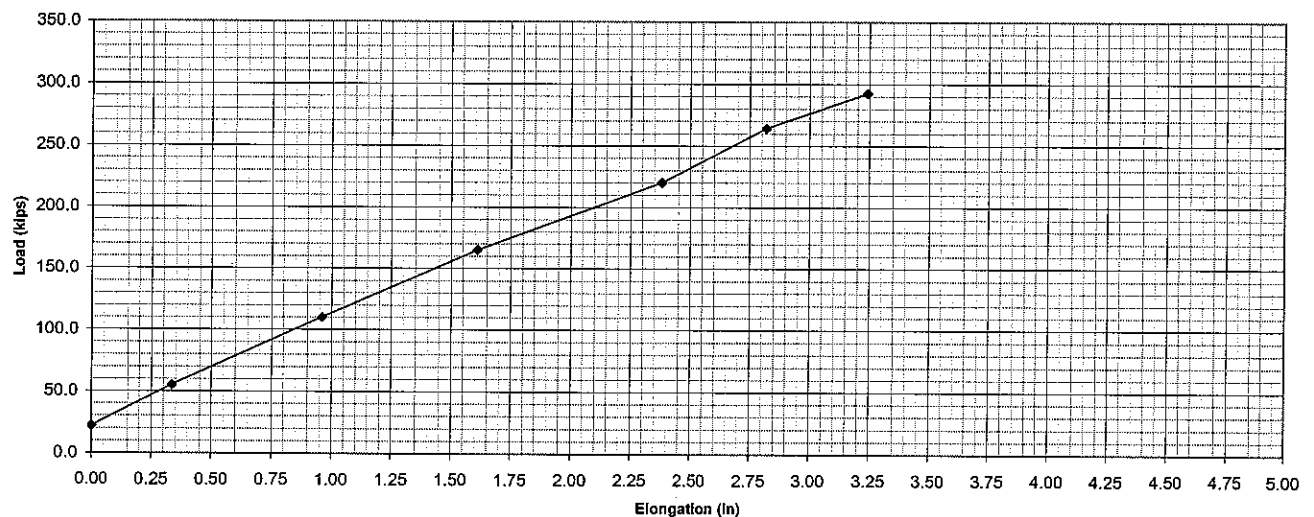
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T83		Date Tested: 1/3/2006
Job Name: Riverplace II-600 West 42nd			Date Installed: 12/27/2005		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.335	
50%	110.0		2550	0.960	
75%	165.0		3825	1.611	
100%	220.0		5075	2.381	
120%	264.0		6100	2.819	
133%	293		6750	3.241	
	293	1 min	6750	3.250	
	293	2 min	6750	3.252	
	293	3 min	6750	3.253	
	293	4 min	6750	3.254	
	293	5 min	6750	3.255	
	293	6 min	6750	3.258	
	293	10 min	6750	3.258	Move. 1 -10 min.(<0.04"): 0.008
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3950		LOCK-OFF LOAD: 165.0

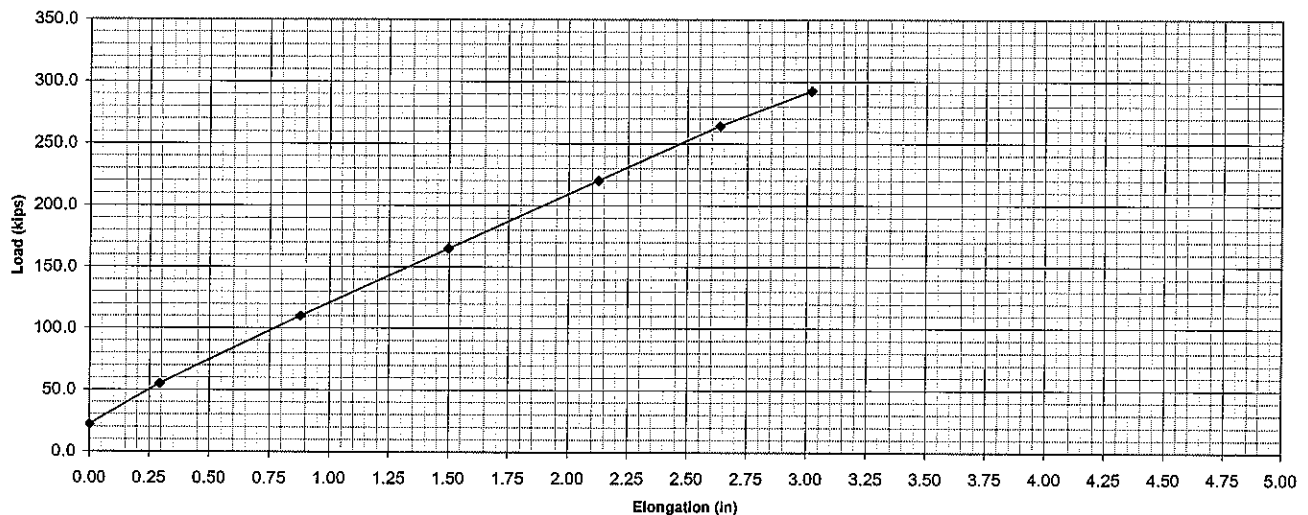
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124		ANCHOR NO: T84		Date Tested: 1/3/2006	
Job Name: Riverplace II-600 West 42nd		Date Installed: 12/27/2005		Design Load: 220 Kips	
Tested by: F.R. Smith		Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005	
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.293	
50%	110.0		2550	0.879	
75%	165.0		3825	1.498	
100%	220.0		5075	2.127	
120%	264.0		6100	2.635	
133%	293		6750	3.019	
	293	1 min	6750	3.028	
	293	2 min	6750	3.028	
	293	3 min	6750	3.030	
	293	4 min	6750	3.031	
	293	5 min	6750	3.031	
	293	6 min	6750	3.031	
	293	10 min	6750	3.031	Move. 1 -10 min.(<0.04"); 0.003
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08");
		60 min			
LL-75%	165.0		3900		LOCK-OFF LOAD: 165.0

Proof Test





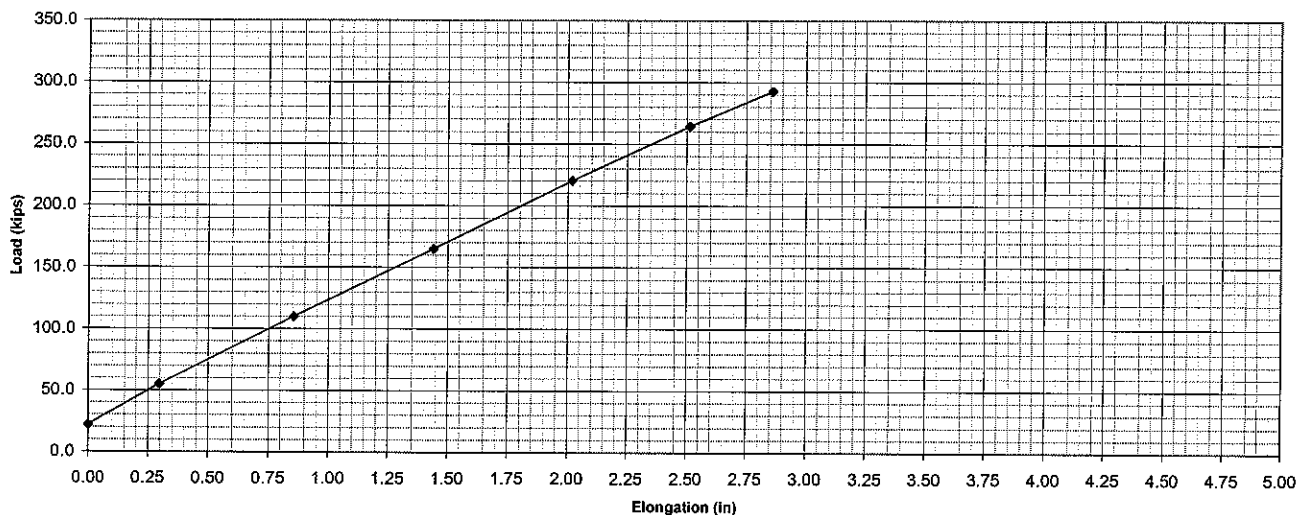
Geotechnical Contractors

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Facsimile: 973-586-7265

ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T85		Date Tested: 1/3/2006
Job Name: Riverplace II-600 West 42nd			Date Installed: 12/27/2005		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.297	
50%	110.0		2550	0.856	
75%	165.0		3825	1.441	
100%	220.0		5075	2.020	
120%	264.0		6100	2.514	
133%	293		6750	2.860	
	293	1 min	6750	2.861	
	293	2 min	6750	2.862	
	293	3 min	6750	2.862	
	293	4 min	6750	2.862	
	293	5 min	6750	2.862	
	293	6 min	6750	2.862	
	293	10 min	6750	2.862	Move. 1 -10 min.(<0.04"): 0.001
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3850		LOCK-OFF LOAD: 165.0

Proof Test





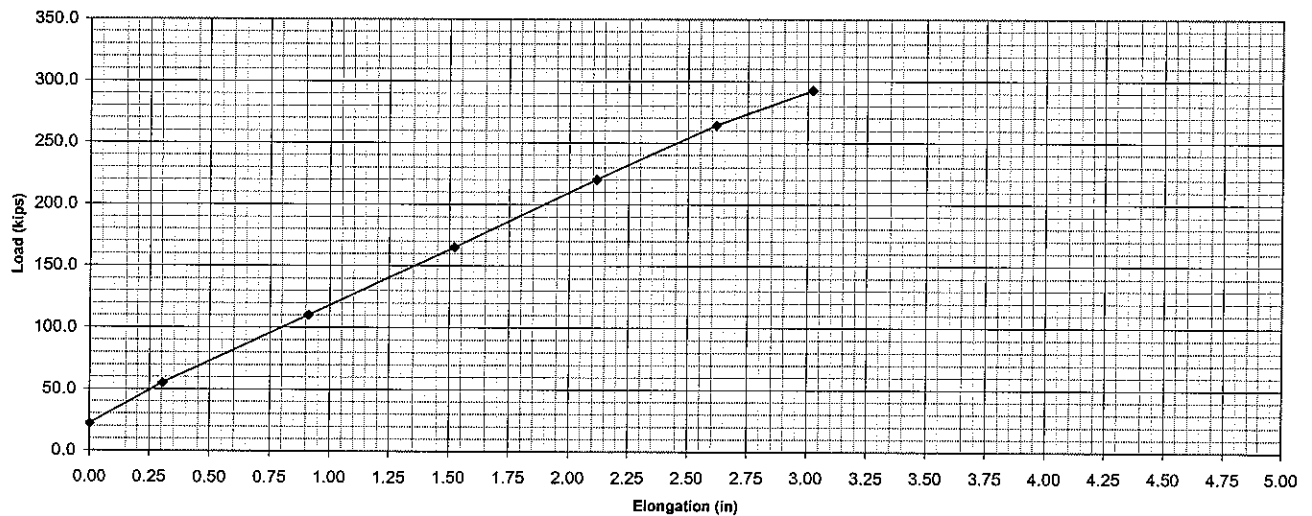
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Facsimile: 973-586-7265

ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T86		Date Tested: 1/3/2006
Job Name: Riverplace II-600 West 42nd			Date Installed: 12/28/2005		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: g	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.305	
50%	110.0		2550	0.912	
75%	165.0		3825	1.521	
100%	220.0		5075	2.117	
120%	264.0		6100	2.618	
133%	293		6750	3.021	
	293	1 min	6750	3.028	
	293	2 min	6750	3.029	
	293	3 min	6750	3.029	
	293	4 min	6750	3.030	
	293	5 min	6750	3.031	
	293	6 min	6750	3.032	
	293	10 min	6750	3.035	Move. 1 -10 min.(<0.04"): 0.007
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3750		LOCK-OFF LOAD: 165.0

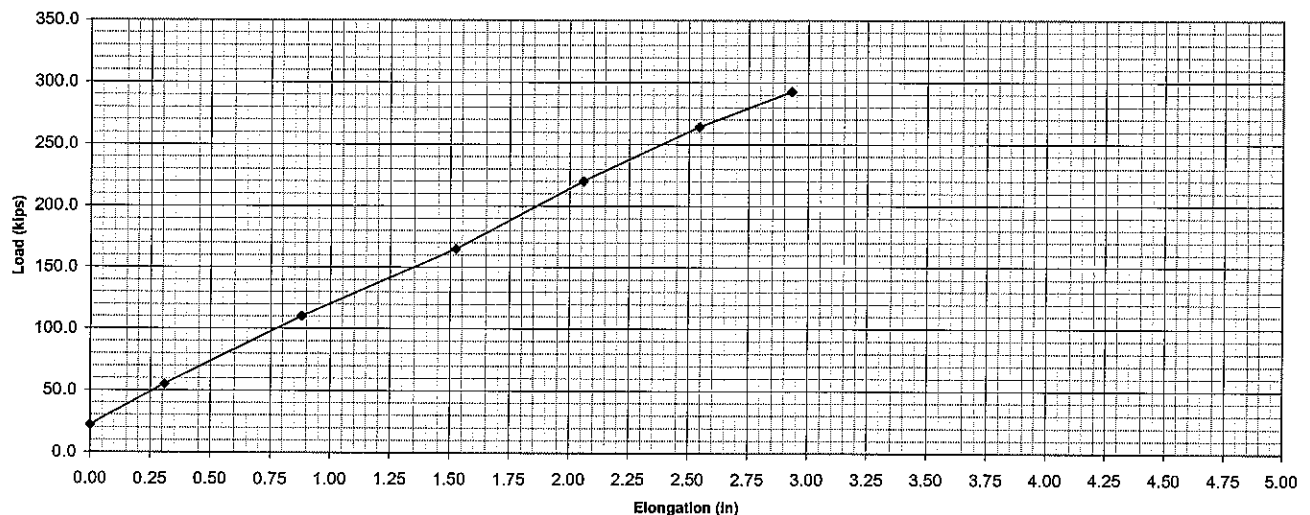
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T87		Date Tested: 1/3/2006
Job Name: Riverplace II-600 West 42nd			Date Installed: 12/28/2005		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.309	
50%	110.0		2550	0.881	
75%	165.0		3825	1.524	
100%	220.0		5075	2.058	
120%	264.0		6100	2.545	
133%	293		6750	2.930	
	293	1 min	6750	2.933	
	293	2 min	6750	2.933	
	293	3 min	6750	2.933	
	293	4 min	6750	2.933	
	293	5 min	6750	2.933	
	293	6 min	6750	2.933	
	293	10 min	6750	2.933	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3900		LOCK-OFF LOAD: 165.0

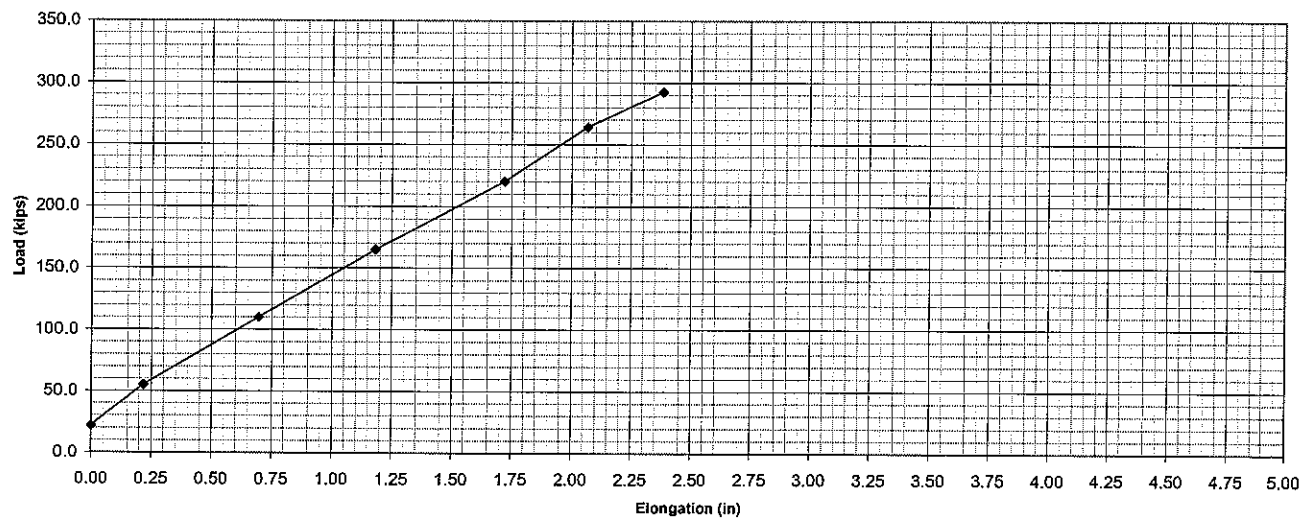
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T88		Date Tested: 1/4/2006
Job Name: Riverplace II-600 West 42nd			Date Installed: 12/28/2005		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.217	
50%	110.0		2550	0.697	
75%	165.0		3825	1.182	
100%	220.0		5075	1.720	
120%	264.0		6100	2.069	
133%	293		6750	2.384	
	293	1 min	6750	2.388	
	293	2 min	6750	2.388	
	293	3 min	6750	2.389	
	293	4 min	6750	2.389	
	293	5 min	6750	2.389	
	293	6 min	6750	2.389	
	293	10 min	6750	2.389	Move. 1 -10 min.(<0.04"): 0.001
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3850		LOCK-OFF LOAD: 165.0

Proof Test





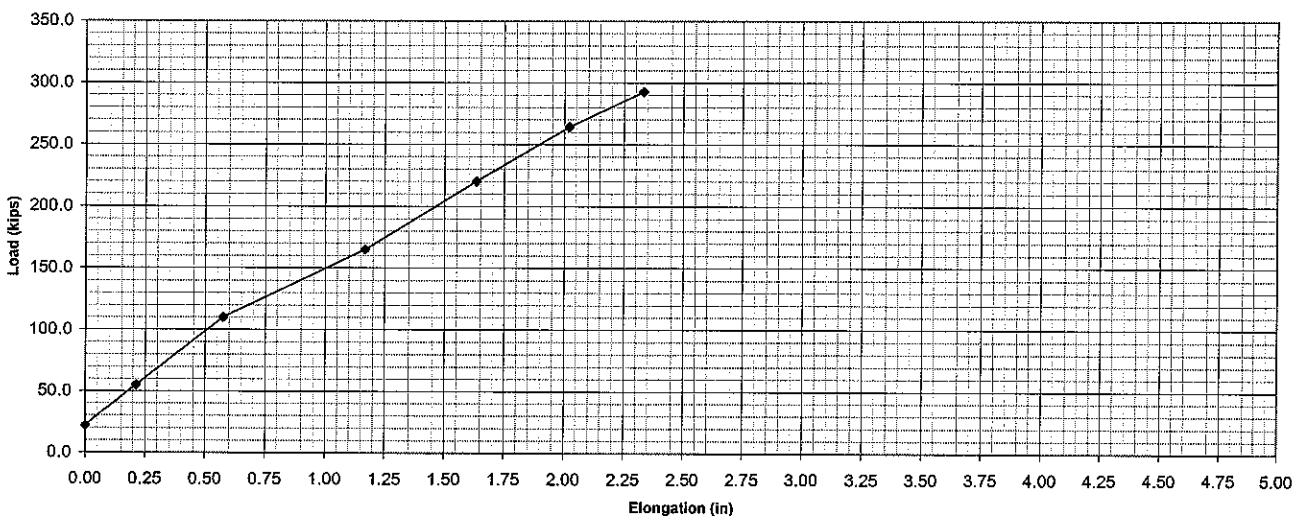
Geotechnical Contractors

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ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124			ANCHOR NO: T89		Date Tested: 1/4/2006
Job Name: Riverplace II-600 West 42nd			Date Installed: 12/28/2005		Design Load: 220 Kips
Tested by: F.R. Smith			Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.212	
50%	110.0		2550	0.575	
75%	165.0		3825	1.167	
100%	220.0		5075	1.633	
120%	264.0		6100	2.022	
133%	293		6750	2.333	
	293	1 min	6750	2.346	
	293	2 min	6750	2.346	
	293	3 min	6750	2.346	
	293	4 min	6750	2.346	
	293	5 min	6750	2.346	
	293	6 min	6750	2.346	
	293	10 min	6750	2.346	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3800		LOCK-OFF LOAD: 165.0

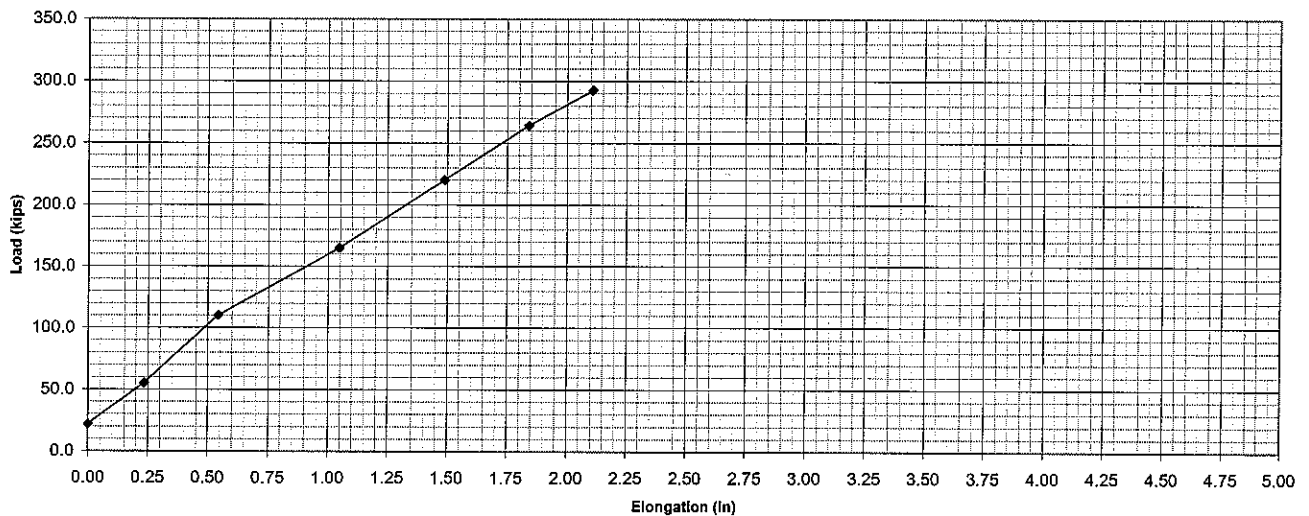
Proof Test



ANCHOR PROOF TEST FIELD DATA

Job No: 71-8124		ANCHOR NO: T90		Date Tested: 1/4/2006	
Job Name: Riverplace II-600 West 42nd		Date Installed: 12/30/2005		Design Load: 220 Kips	
Tested by: F.R. Smith		Jack No: 9	Gauge No.: 220LP28	Calibration Date: 12/7/2005	
Load Increment % of Design Load	Test Load (Kips)	Time (Minutes)	Gauge Pressure (psi)	Elongation (Inches)	Remarks
A.L.	22.0		525	0.000	
25%	55.0		1275	0.234	
50%	110.0		2550	0.542	
75%	165.0		3825	1.046	
100%	220.0		5075	1.488	
120%	264.0		6100	1.841	
133%	293		6750	2.109	
	293	1 min	6750	2.118	
	293	2 min	6750	2.118	
	293	3 min	6750	2.118	
	293	4 min	6750	2.118	
	293	5 min	6750	2.118	
	293	6 min	6750	2.118	
	293	10 min	6750	2.118	Move. 1 -10 min.(<0.04"): 0.000
		15 min			
		20 min			
		25 min			
		30 min			
		45 min			Move. 6 -60 min.(<0.08"):
		60 min			
LL-75%	165.0		3850		LOCK-OFF LOAD: 165.0

Proof Test



Date 7/15/2005[illegible]

River Place II

Date 7/16/2005

Daily Steel Sheet Pile Driving Log

# DBL	Ref #	T.O.S.	Depth	Tip Elev	Notes
1	6	13	39	-26	Min Tip Elev is -24 on east side.
2	7	13	39	-26	Hard driving from approx elev -21 to -27
3	8	13	39	-26	Driven to refusal.
4	9	13	40	-27	Driven to Grade
5	10	13	40	-27	Driven to Grade
6	11	13	40	-27	Driven to Grade
7	12	13	40	-27	Driven to Grade
8	13	13	40	-27	Driven to Grade
9	14	13	38.5	-25.5	Driven to refusal. Very hard rock.
10	15	13	37.5	-24.5	Driven to refusal. Very hard rock.
11	16	13	37.5	-24.5	Driven to refusal. Very hard rock.
12	17	13	37.5	-24.5	Driven to refusal. Very hard rock.
13	18	13	37.5	-24.5	Driven to refusal. Very hard rock.
14	19	13	37	-24	Driven to refusal. Very hard rock.
15	20	13	36.25	-23.25	Driven to refusal. Very hard rock.
16	21	13	36.25	-23.25	Driven to refusal. Very hard rock.
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

River Place II

Date 7/18/2005

Daily Steel Sheet Pile Driving Log

# DBL	Ref #	T.O.S.	Depth	Tip Elev	Notes
1	22	13	36	-23	Driven to refusal.
2	23	13	36.33	-23.33	Driven to refusal.
3	24	13	37	-24	Driven to refusal.
4	25	13	36	-23	Driven to refusal.
5	26	13	35.33	-22.33	Driven to refusal.
6	27	13	35.33	-22.33	Driven to refusal.
7	28	13	36.5	-23.5	Driven to refusal.
8	29	13	36.4	-23.4	Driven to refusal.
9	30	13	37.75	-24.75	Driven to refusal.
10	31	13	37	-24	Driven to refusal.
11	32	13	37.6	-24.6	Driven to refusal.
12	33	13	38	-25	Driven to refusal.
13	34	13	37	-24	Driven to refusal.
14	35	13	39	-26	Driven to refusal.
15	36	13	39	-26	Driven to refusal.
16	37	13	37.75	-24.75	Driven to refusal.
17	38	13	39.5	-26.5	Driven to refusal.
18	39	13	36.33	-23.33	Driven to refusal.
19	40	13	40	-27	Driven to grade.
20					
21					Min Tip Elev is -24 on east side.
22					Very hard driving from approx elev -21 to -27. Very hard
23					rock encountered where driven to refusal.
24					
25					
26					
27					
28					
29					
30					

Daily Steel Sheet Pile Driving Log

# DBL	Ref #	T.O.S.	Depth	Tip Elev	Notes	
1	41	13	40	-27	Sheet # 1 is first sheet from SE corner on Eastern side.	
2	42	13	40	-27	Min Tip Elev is -24 on east side.	
3	43	13	40	-27	Driven to grade.	
4	44	13	40	-27	Driven to grade.	
5	45	13	39	-26	Driven to refusal.	
6	46	13	39	-26	Driven to refusal.	
7	47	12	39	-27	Driven to refusal.	
8	48	12		12		
9	49	12		12		
10	50	11		11		
11	51	11		11		
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

River Place II

Date 7/20/2005**Daily Steel Sheet Pile Driving Log**

# DBL	Ref #	T.O.S.	Depth	Tip Elev	Notes
1	48	12	36	-24	Sheet # 1 is first sheet from SE corner on Eastern side.
2	49	12	36	-24	Min Tip Elev is -24 on east side.
3	50	12	36	-24	Driven to grade.
4	51	12	36	-24	Driven to grade.
5	52	12	36	-24	Driven to refusal.
6	53	12	36	-24	Driven to refusal.
7	54	12	36	-24	Driven to refusal.
8				0	
9				0	
10				0	
11				0	
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

River Place II

Date 7/27/2005

Daily Steel Sheet Pile Driving Log

# DBL	Ref #	T.O.S.	Depth	Tip Elev	Notes
1	65	12	36	-24	Driven to grade.
2	66	12	36	-24	Driven to grade.
3	67	12	36	-24	Driven to grade.
4	68	12	36	-24	Driven to grade.
5	69	12	36	-24	Driven to grade.
6	70	12	36	-24	Driven to grade.
7	71	12	36	-24	Driven to grade.
8	72	12	36	-24	
9	73	12	36	-24	
10				0	
11				0	
12					
13					
14					Sheet # 55 is first sheet from NE corner on Northern side.
15					Min Tip Elev is -24 on east side.
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

River Place II

Date 7/28/2005**Daily Steel Sheet Pile Driving Log**

# DBL	Ref #	T.O.S.	Depth	Tip Elev	Notes	
1	74	12	36	-24	Driven to grade.	
2	75	12	36	-24	Driven to grade.	
3	76	12	36	-24	Driven to grade.	
4	77	12	36	-24	Driven to grade.	
5	78	12	36	-24	Driven to grade.	
6						
7						
8						
9						
10						
11					Very difficult driving. Many obstructions and hard layer form approx elev -17 to -24.	
12						
13					Sheet # 55 is first sheet from NE corner on Northern side. Min Tip Elev is -24 on north side.	
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

River Place II

Date 7/30/2005

Daily Steel Sheet Pile Driving Log

# DBL	Ref #	T.O.S.	Depth	Tip Elev	Notes
1	136	11	18	-7	Driven to refusal. Hard rock. Toe Pin Required
2	137	11	19	-8	Driven to refusal. Hard rock. Toe Pin Required
3	138	11	19.5	-8.5	Driven to refusal. Hard rock. Toe Pin Required
4	139	11	20	-9	Driven to refusal. Hard rock. Toe Pin Required
5	140	11	20.5	-9.5	Driven to refusal. Hard rock. Toe Pin Required
6	141	11	21	-10	Driven to refusal. Hard rock. Toe Pin Required
7	142	11	21	-10	Driven to refusal. Hard rock. Toe Pin Required
8					
9					
10					
11					Many obstructions (brick,mortar) and hard layer form
12					approx elev 3 to -2
13					Sheet # 136 is first sheet from NW corner on Western side.
14					Min Tip Elev is -25 on north side.
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

River Place II

Date 8/1/2005

Daily Steel Sheet Pile Driving Log

# DBL	Ref #	T.O.S.	Depth	Tip Elev	Notes
1	143	11	22	-11	Driven to refusal. Hard rock. Toe Pin Required
2	144	11	23	-12	Driven to refusal. Hard rock. Toe Pin Required
3	145	11	24	-13	Driven to refusal. Hard rock. Toe Pin Required
4	146	11	25	-14	Driven to refusal. Hard rock. Toe Pin Required
5	147	11	26	-15	Driven to refusal. Hard rock. Toe Pin Required
6	148	11	27	-16	Driven to refusal. Hard rock. Toe Pin Required
7	149	11	27	-16	Driven to refusal. Hard rock. Toe Pin Required
8	150	11	27	-16	Driven to refusal. Hard rock. Toe Pin Required
9	151	11	27	-16	Driven to refusal. Hard rock. Toe Pin Required
10	152	11	28	-17	Driven to refusal. Hard rock. Toe Pin Required
11	153	11	28	-17	Driven to refusal. Hard rock. Toe Pin Required
12	154	11	29	-18	Driven to refusal. Hard rock. Toe Pin Required
13					
14					
15					Very difficult driving. Many obstructions and hard layer form
16					approx elev 4 to -3.
17					Sheet # 136 is first sheet from NW corner on Western side.
18					Min Tip Elev is -25 on west side.
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

River Place II

Date 8/2/2005

Daily Steel Sheet Pile Driving Log

# DBL	Ref #	T.O.S.	Depth	Tip Elev	Notes
1	154	11	29	-18	Driven to refusal. Hard rock. Toe Pin Required
2	155	11	29	-18	Driven to refusal. Hard rock. Toe Pin Required
3	156	11	29	-18	Driven to refusal. Hard rock. Toe Pin Required
4	157	11	29	-18	Driven to refusal. Hard rock. Toe Pin Required
5	158	11	29	-18	Driven to refusal. Hard rock. Toe Pin Required
6	159	11	29	-18	Driven to refusal. Hard rock. Toe Pin Required
7	160	11	29	-18	Driven to refusal. Hard rock. Toe Pin Required
8	161	11	29	-18	Driven to refusal. Hard rock. Toe Pin Required
9					
10					
11					
12					
13					Had to pre-excavate for sheet ref # 159-162 to
14					approx elev 0.
15					Very difficult driving. Many obstructions and hard layer form
16					approx elev 4 to -3.
17					Sheet # 136 is first sheet from NW corner on Western side.
18					Min Tip Elev is -25 on west side.
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Daily Steel Sheet Pile Driving Log

# DBL	Ref #	T.O.S.	Depth	Tip Elev	Notes
1	162	11	30	-19	Driven to refusal. Hard rock. Toe Pin Required
2	163	11	30	-19	Driven to refusal. Hard rock. Toe Pin Required
3	164	11	30	-19	Driven to refusal. Hard rock. Toe Pin Required
4	165	11	30	-19	Driven to refusal. Hard rock. Toe Pin Required
5	166	11	30	-19	Driven to refusal. Hard rock. Toe Pin Required
6	167	11	30	-19	Driven to refusal. Hard rock. Toe Pin Required
7	168	11	30	-19	Driven to refusal. Hard rock. Toe Pin Required
8	169	11	30	-19	Driven to refusal. Hard rock. Toe Pin Required
9	170	11	30	-19	Driven to refusal. Hard rock. Toe Pin Required
10	171	11	30	-19	Driven to refusal. Hard rock. Toe Pin Required
11	172	11	30	-19	Driven to refusal. Hard rock. Toe Pin Required
12					
13					
14					
15					Very difficult driving. Had to pre-excavate and backfill
16					to approx elev 0.
17					Sheet # 136 is first sheet from NW corner on Western side.
18					Min Tip Elev is -25 on west side.
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Date 8/4/2005

# DBL	Ref #	T.O.S.	Depth	Tip Elev	Notes
1	173	11	30	-19	Driven to refusal. Hard rock. Toe Pin Required
2	174	11	30	-19	Driven to refusal. Hard rock. Toe Pin Required
3	175	11	30	-19	Driven to refusal. Hard rock. Toe Pin Required
4	176	11	30	-19	Driven to refusal. Hard rock. Toe Pin Required
5	177	11	30	-19	Driven to refusal. Hard rock. Toe Pin Required
6	178	11	30	-19	Driven to refusal. Hard rock. Toe Pin Required
7	179	11	30	-19	Driven to refusal. Hard rock. Toe Pin Required
8	180	11	30	-19	Driven to refusal. Hard rock. Toe Pin Required
9	181	11	30	-19	Driven to refusal. Hard rock. Toe Pin Required
10	182	11	30	-19	Driven to refusal. Hard rock. Toe Pin Required
11	183	11	31	-20	Driven to refusal. Hard rock. Toe Pin Required
12					
13					
14					
15					Very difficult driving. Had to pre-excavate and backfill
16					to approx elev 0.
17					Sheet # 136 is first sheet from NW corner on Western side.
18					Min Tip Elev is -25 on west side.
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Date 8/5/2005

[illegible]

River Place II

Date 8/6/2005

Daily Steel Sheet Pile Driving Log

# DBL	Ref #	T.O.S.	Depth	Tip Elev	Notes
1	197	11	29	-18	Driven to refusal. Hard rock. Toe Pin Required
2	198	11	29	-18	Driven to refusal. Hard rock. Toe Pin Required
3	199	11	29	-18	Driven to refusal. Hard rock. Toe Pin Required
4	200	11	29	-18	Driven to refusal. Hard rock. Toe Pin Required
5	201	11	29	-18	Driven to refusal. Hard rock. Toe Pin Required
6	202	11	28	-17	Driven to refusal. Hard rock. Toe Pin Required
7	203	11	28	-17	Driven to refusal. Hard rock. Toe Pin Required
8	204	11	29	-18	Driven to refusal. Hard rock. Toe Pin Required
9	205	11	30	-19	Driven to refusal. Hard rock. Toe Pin Required
10	206	11	30	-19	Driven to refusal. Hard rock. Toe Pin Required
11	207	11	30	-19	Driven to refusal. Hard rock. Toe Pin Required
12	208	11	30	-19	Driven to refusal. Hard rock. Toe Pin Required
13	209	11	30	-19	Driven to refusal. Hard rock. Toe Pin Required
14	210	11	30	-19	Driven to refusal. Hard rock. Toe Pin Required
15					
16					
17					Very difficult driving. Had to pre-excavate and backfill
18					to approx elev 0.
19					Sheet # 190 is first sheet on southern side.
20					Min Tip Elev is -26 on south side.
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Date 8/8/2005

# DBL	Ref #	T.O.S.	Depth	Tip Elev	Notes
1	211	11	30	-19	Driven to refusal. Hard rock. Toe Pin Required
2	212	11	30	-19	Driven to refusal. Hard rock. Toe Pin Required
3	213	11	30	-19	Driven to refusal. Hard rock. Toe Pin Required
4	214	11	30	-19	Driven to refusal. Hard rock. Toe Pin Required
5	215	11	31	-20	Driven to refusal. Hard rock. Toe Pin Required
6	216	11	32	-21	Driven to refusal. Hard rock. Toe Pin Required
7	217	11	33	-22	Driven to refusal. Hard rock. Toe Pin Required
8	218	11	34	-23	Driven to refusal. Hard rock. Toe Pin Required
9	219	11	35	-24	Driven to refusal. Hard rock. Toe Pin Required
10	220	11	35	-24	Driven to refusal. Hard rock. Toe Pin Required
11	221	11	35	-24	Driven to refusal. Hard rock. Toe Pin Required
12	222	11	35	-24	Driven to refusal. Hard rock. Toe Pin Required
13	223	11	34	-23	Driven to refusal. Hard rock. Toe Pin Required
14	224	11	34	-23	Driven to refusal. Hard rock. Toe Pin Required
15	225	11.5	34	-22.5	Driven to refusal. Hard rock. Toe Pin Required
16					
17					Very difficult driving. Had to pre-excavate and backfill
18					to approx elev 0.
19					Sheet # 190 is first sheet on southern side.
20					Min Tip Elev is -26 on south side.
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

River Place II

Date 8/9/2005

Daily Steel Sheet Pile Driving Log

# DBL	Ref #	T.O.S.	Depth	Tip Elev	Notes
1	226	12	34	-22	Driven to refusal. Hard rock. Toe Pin Required
2	227	12	35	-23	Driven to refusal. Hard rock. Toe Pin Required
3	228	12	36	-24	Driven to refusal. Hard rock. Toe Pin Required
4	229	12	36	-24	Driven to refusal. Hard rock. Toe Pin Required
5	230	12	37	-25	Driven to refusal. Hard rock. Toe Pin Required
6	231	12	38	-26	Driven to grade.
7	232	12	38	-26	Driven to grade.
8	233	12	38	-26	Driven to grade.
9	234	12	38	-26	Driven to grade.
10	235	12	38	-26	Driven to grade.
11	236	12	38	-26	Driven to grade.
12	237	12	37	-25	Driven to grade.
13	238	12	37	-25	Driven to grade.
14	239	12	37	-25	Driven to grade.
15	240	12	38	-26	Driven to grade.
16	241	12	38	-26	Driven to grade.
17	242	12.5	38	-25.5	Driven to grade.
18	243	13	39	-26	Driven to grade.
19	244	13	39	-26	Driven to grade.
20					
21					
22					Very difficult driving. Had to pre-excavate and backfill
23					to approx elev 0.
24					Sheet # 190 is first sheet on southern side.
25					Min Tip Elev is -26 on south side.
26					
27					
28					
29					
30					

Date 8/10/2005

# DBL	Ref #	T.O.S.	Depth	Tip Elev	Notes
1	244	13	37	-24	Driven to grade. No Toe Pin Required
2	245	13	37	-24	Driven to grade. No Toe Pin Required
3	246	13	37	-24	Driven to grade. No Toe Pin Required
4	247	13	37	-24	Driven to grade. No Toe Pin Required
5	248	13	37	-24	Driven to grade. No Toe Pin Required
6	249	13	37	-24	Driven to grade. No Toe Pin Required
7	250	13	37	-24	Driven to grade. No Toe Pin Required
8	251	13	37	-24	Driven to grade. No Toe Pin Required
9	252	13	37	-24	Driven to grade. No Toe Pin Required
10	253	13	37	-24	Driven to grade. No Toe Pin Required
11	254	13	36	-23	Driven to grade. No Toe Pin Required
12	255	13	35	-22	Driven to grade. No Toe Pin Required
13	256	13	35	-22	Driven to grade. No Toe Pin Required
14	257	13	33	-20	Driven to obstruction
15	258	13	33	-20	Driven to obstruction
16	259	13	35	-22	Driven to grade. No Toe Pin Required
17	260	13	36	-23	Driven to grade. No Toe Pin Required
18	261	13	36	-23	Driven to grade. No Toe Pin Required
19				0	
20					
21					
22					Very difficult driving, many obstructions.
23					Had to pre-excavate and backfill to approx elev 0.
24					Sheet # 190 is first sheet on southern side.
25					Min Tip Elev is -22.
26					
27					
28					
29					
30					

River Place II

Date 8/11/2005

Daily Steel Sheet Pile Driving Log

# DBL	Ref #	T.O.S.	Depth	Tip Elev	Notes
1	262	13	37	-24	Driven to grade. No Toe Pin Required
2	263	13	37	-24	Driven to grade. No Toe Pin Required
3	264	13	37	-24	Driven to grade. No Toe Pin Required
4	265	13	37	-24	Driven to grade. No Toe Pin Required
5	266	13	37	-24	Driven to grade. No Toe Pin Required
6	267	13	37	-24	Driven to grade. No Toe Pin Required
7	268	13	37	-24	Driven to grade. No Toe Pin Required
8	269	13	37	-24	Driven to grade. No Toe Pin Required
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					#269 is last sheet on south side.
22					Very difficult driving. Had to pre-excavate and backfill
23					to approx elev 0.
24					Sheet # 190 is first sheet on southern side.
25					Min Tip Elev is -22 on south side.
26					
27					
28					
29					
30					

River Place II

Date 11/11/2005

Daily Steel Sheet Pile Driving Log

# DBL	Ref #	T.O.S.	Depth	Tip Elev	Notes
1	55	13	37	-24	Driven to grade. No Toe Pin Required
2	56	13	37	-24	Driven to grade. No Toe Pin Required
3	57	13	38	-25	Driven to grade. No Toe Pin Required
4	58	13	37	-24	Driven to grade. No Toe Pin Required
5	59	13	38	-25	Driven to grade. No Toe Pin Required
6	60	13	37	-24	Driven to grade. No Toe Pin Required
7	61	13	38	-25	Driven to grade. No Toe Pin Required
8	62	13	40	-27	Driven to grade. No Toe Pin Required
9	63	13	37	-24	Driven to grade. No Toe Pin Required
10	64	13	37	-24	Driven to grade. No Toe Pin Required
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					Sheet # 55 is first sheet from NE corner on Northern side.
23					Min Tip Elev is -24 on north side.
24					
25					
26					
27					
28					
29					
30					

Date 11/12/2005

# DBL	Ref #	T.O.S.	Depth	Tip Elev	Notes
1	79	13	31	-18	Driven to Refusal Toe Pin Required
2	80	13	29	-16	Driven to Refusal Toe Pin Required
3	81	12.5	28	-15.5	Driven to Refusal Toe Pin Required
4	82	12	27	-15	Driven to Refusal Toe Pin Required
5	83	12	27	-15	Driven to Refusal Toe Pin Required
6	84	12	28	-16	Driven to Refusal Toe Pin Required
7	85	12	28	-16	Driven to Refusal Toe Pin Required
8	8	12	29	-17	Driven to Refusal Toe Pin Required
9	87	12	29	-17	Driven to Refusal Toe Pin Required
10	88	12	30	-18	Driven to Refusal Toe Pin Required
11	89	12	28	-16	Driven to Refusal Toe Pin Required
12	90	12	27	-15	Driven to Refusal Toe Pin Required
13	91	12	26	-14	Driven to Refusal Toe Pin Required
14					
15					
16					
17					
18					
19					
20					
21					
22					Sheet # 55 is first sheet from NE corner on Northern side.
23					Min Tip Elev is -24 on north side.
24					
25					
26					
27					
28					
29					
30					

Date 11/14/2005

# DBL	Ref #	T.O.S.	Depth	Tip Elev	Notes
1	92	12	25	-13	Driven to Refusal Toe Pin Required
2	93	12	25	-13	Driven to Refusal Toe Pin Required
3	94	12	25	-13	Driven to Refusal Toe Pin Required
4	95	12	25	-13	Driven to Refusal Toe Pin Required
5	96	12	25	-13	Driven to Refusal Toe Pin Required
6	97	12	25	-13	Driven to Refusal Toe Pin Required
7	98	12	25	-13	Driven to Refusal Toe Pin Required
8	99	12	26	-14	Driven to Refusal Toe Pin Required
9	100	12	27	-15	Driven to Refusal Toe Pin Required
10	101	12	29	-17	Driven to Refusal Toe Pin Required
11	102	12	30	-18	Driven to Refusal Toe Pin Required
12	103	12	30	-18	Driven to Refusal Toe Pin Required
13	104	12	30	-18	Driven to Refusal Toe Pin Required
14	105	11.5	29	-17.5	Driven to Refusal Toe Pin Required
15	106	11.5	29	-17.5	Driven to Refusal Toe Pin Required
16	107	11.5	29	-17.5	Driven to Refusal Toe Pin Required
17					
18					
19					
20					
21					
22					Sheet # 55 is first sheet from NE corner on Northern side.
23					Min Tip Elev is -24 on north side.
24					
25					
26					
27					
28					
29					
30					

Date 11/15/2005

# DBL	Ref #	T.O.S.	Depth	Tip Elev	Notes
1	108	11	28	-17	Driven to Refusal Toe Pin Required
2	109	11	28	-17	Driven to Refusal Toe Pin Required
3	110	11	28	-17	Driven to Refusal Toe Pin Required
4	111	11	27	-16	Driven to Refusal Toe Pin Required
5	112	11	27	-16	Driven to Refusal Toe Pin Required
6	113	11	27	-16	Driven to Refusal Toe Pin Required
7	114	11	27	-16	Driven to Refusal Toe Pin Required
8	115	11	30	-19	Driven to Refusal Toe Pin Required
9	116	11	29	-18	Driven to Refusal Toe Pin Required
10	117	11	28	-17	Driven to Refusal Toe Pin Required
11	118	11	27	-16	Driven to Refusal Toe Pin Required
12	119	11	26	-15	Driven to Refusal Toe Pin Required
13	120	11	26	-15	Driven to Refusal Toe Pin Required
14	121	11	25	-14	Driven to Refusal Toe Pin Required
15	122	11	25	-14	Driven to Refusal Toe Pin Required
16	123	11	24	-13	Driven to Refusal Toe Pin Required
17	124	11	24	-13	Driven to Refusal Toe Pin Required
18	125	11	24	-13	Driven to Refusal Toe Pin Required
19					
20					
21					
22					Sheet # 55 is first sheet from NE corner on Northern side.
23					Min Tip Elev is -24 on north side.
24					
25					
26					
27					
28					
29					
30					

Date 11/16/2005

# DBL	Ref #	T.O.S.	Depth	Tip Elev	Notes
1	126	11	23	-12	Driven to Refusal Toe Pin Required
2	127	11	23	-12	Driven to Refusal Toe Pin Required
3	128	11	22	-11	Driven to Refusal Toe Pin Required
4	129	11	21	-10	Driven to Refusal Toe Pin Required
5	130	11	20	-9	Driven to Refusal Toe Pin Required
6	131	11	20	-9	Driven to Refusal Toe Pin Required
7	132	11	19	-8	Driven to Refusal Toe Pin Required
8	133	11	19	-8	Driven to Refusal Toe Pin Required
9	134	11	18	-7	Driven to Refusal Toe Pin Required
10	135	11	18	-7	Driven to Refusal Toe Pin Required
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					Sheet # 135 is last sheet on North wall.
23					Min Tip Elev is -24 on north side.
24					
25					
26					
27					
28					
29					
30					

