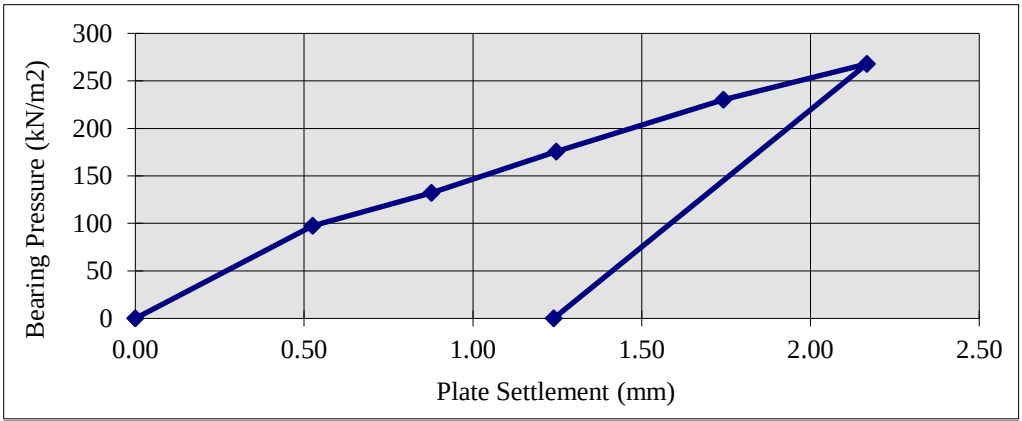
James Fisher Testing Services Ltd
Bruton House, Stadium Way
Harlow, CM19 5FT
Tel: 01279729029

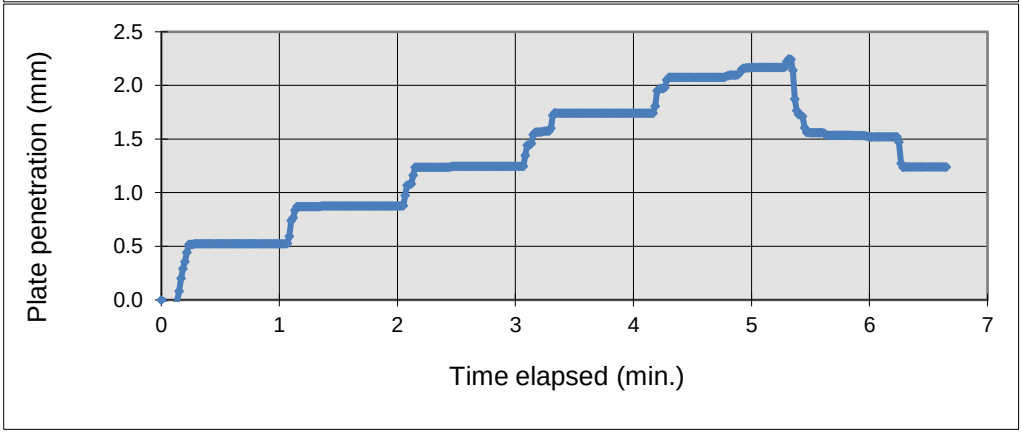
James Fisher Testing Services

LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Nestles Ave	**Job No.**	ORD-51218/6
Client :	Henry Construction Projects Ltd	**Lab Ref No**	ORD-51218/6
	Parkway Farm	**Date Tested**	14/03/22
	Church Road	**Date Reported**	15/03/22
	Hounslow, TW5 9RY	**Weather Conditions:**	SUNNY
Originator :	**Hafzi**		

Location : 1 BLOCK B ***Test No. HEN 1***





Material Type	6F2
Plate Diameter (mm)	450
Technician	AM
Depth	
Type of Reaction Load	1 BLOCK B

Bearing Pressure (kN/m²)	**Plate Settlement (mm)**
0.0	0.00
97.3	0.53
132.2	0.88
175.5	1.25
230.2	1.74
267.9	2.17
0.0	1.24

Maximum Applied Pressure (kPa) :	**268**
Maximum deformation (mm) :	**2.2**
Modulus of subgrade reaction K (MN/m³) :	**140.7**
K_{762} (MN/m³) :	**87.7**
Calculated Equivalent CBR (%) :	**22.0**
Moisture Content (%) :	**N/A**

Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1: 1990

Moisture Content - Tested in accordance with BS 1377: Part 2 : 1990, oven drying method

Values K_{762}, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

Approved Signature
James Fisher Testing Services
Matthew Harris, Team Leader

UKAS TESTING 0955

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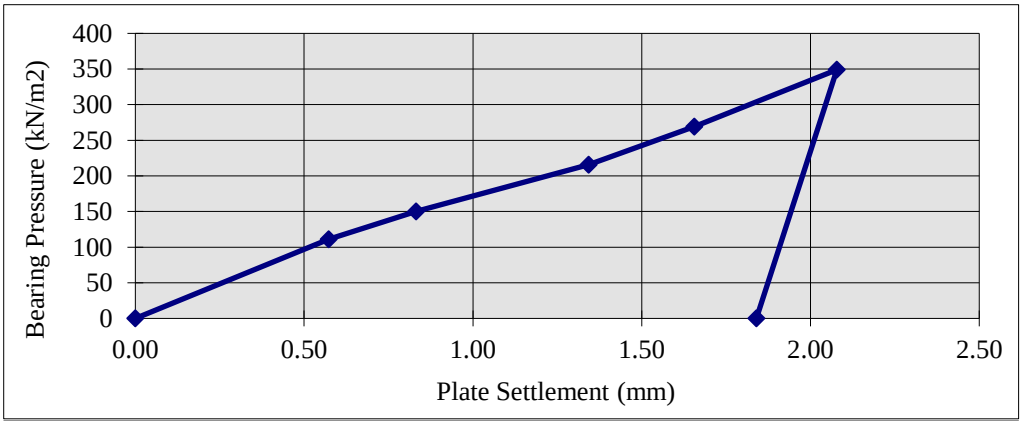
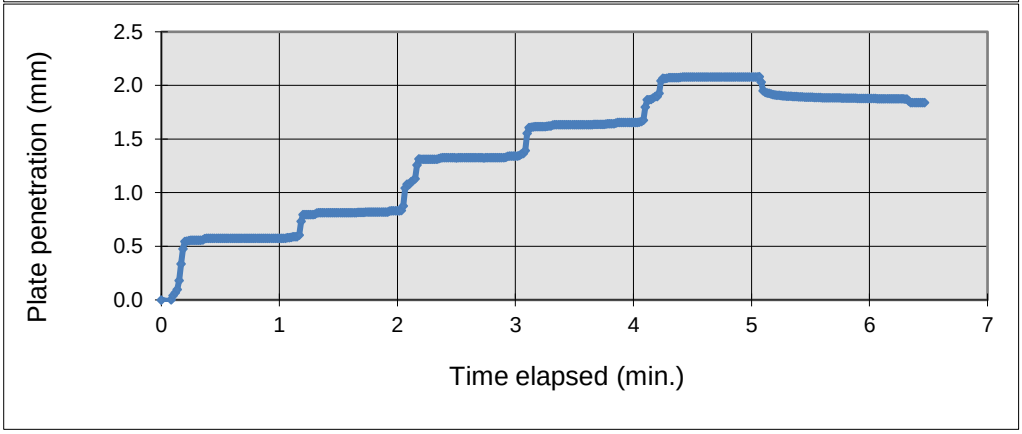
LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Nestles Ave	**Job No.**	ORD-51218/6
Client :	Henry Construction Projects Ltd	**Lab Ref No**	ORD-51218/6
	Parkway Farm	**Date Tested**	14/03/22
	Church Road	**Date Reported**	15/03/22
	Hounslow, TW5 9RY	**Weather Conditions:**	SUNNY
Originator :	**Hafzi**		

Location : 2 BLOCK B ***Test No. HEN 2***





Material Type	6F2
Plate Diameter (mm)	450
Technician	AM
Depth	
Type of Reaction Load	2 BLOCK B

Bearing Pressure (kN/m²)	**Plate Settlement (mm)**
0.0	0.00
111.0	0.57
150.0	0.83
215.9	1.34
269.2	1.66
348.9	2.08
0.0	1.84

Maximum Applied Pressure (kPa) :	**349**
Maximum deformation (mm) :	**2.1**
Modulus of subgrade reaction K (MN/m³) :	**163.2**
K_{762} (MN/m³) :	**101.7**
Calculated Equivalent CBR (%) :	**29.0**
Moisture Content (%) :	**N/A**

Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1: 1990

Moisture Content - Tested in accordance with BS 1377: Part 2 : 1990, oven drying method

Values K_{762}, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

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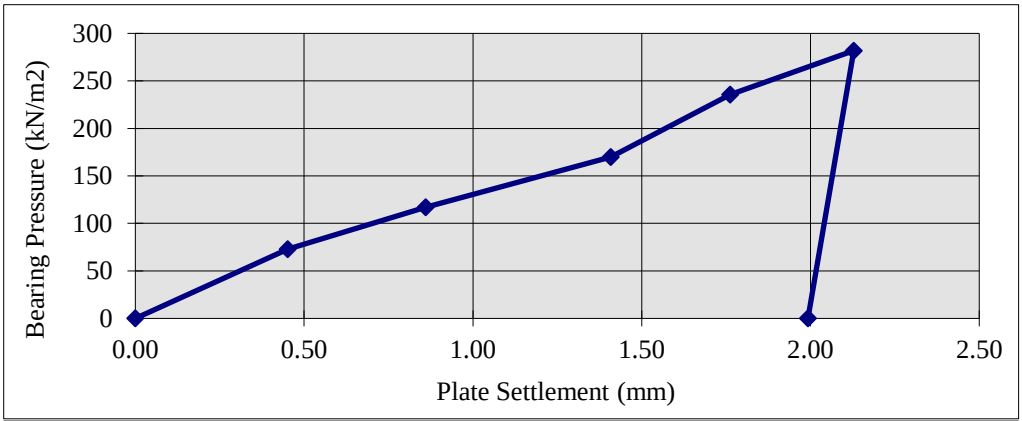
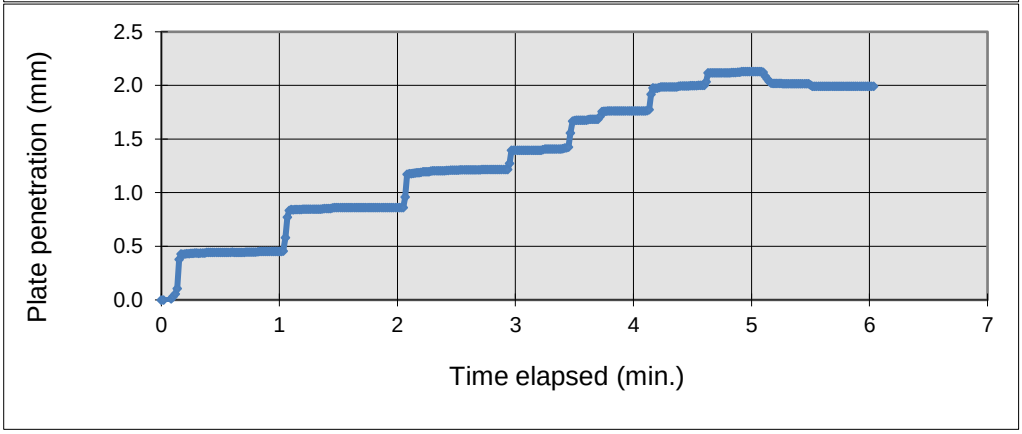
LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Nestles Ave	**Job No.**	ORD-51218/6
Client :	Henry Construction Projects Ltd	**Lab Ref No**	ORD-51218/6
	Parkway Farm	**Date Tested**	14/03/22
	Church Road	**Date Reported**	15/03/22
	Hounslow, TW5 9RY	**Weather Conditions:**	SUNNY
Originator :	**Hafzi**		

Location : 3 BLOCK B ***Test No. HEN 3***





Material Type	6F2
Plate Diameter (mm)	450
Technician	AM
Depth	
Type of Reaction Load	3 BLOCK B

Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
72.7	0.45
117.0	0.86
169.9	1.41
235.5	1.76
281.8	2.13
0.0	1.99

Maximum Applied Pressure (kPa) :	**282**
Maximum deformation (mm) :	**2.1**
Modulus of subgrade reaction K (MN/m³) :	**123.7**
K_{762} (MN/m³) :	**77.1**
Calculated Equivalent CBR (%) :	**18.0**
Moisture Content (%) :	**N/A**

Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1: 1990

Moisture Content - Tested in accordance with BS 1377: Part 2 : 1990, oven drying method

Values K_{762}, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

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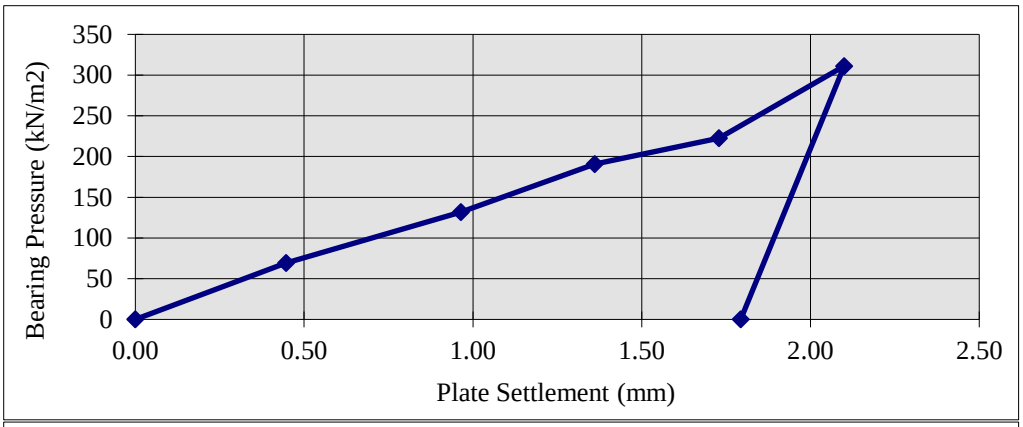
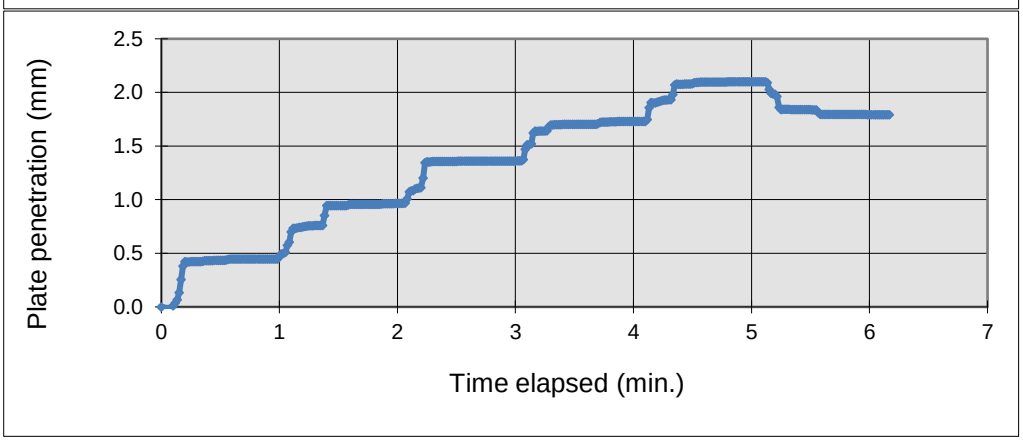
LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Nestles Ave	**Job No.**	ORD-51218/6
Client :	Henry Construction Projects Ltd	**Lab Ref No**	ORD-51218/6
	Parkway Farm	**Date Tested**	14/03/22
	Church Road	**Date Reported**	15/03/22
	Hounslow, TW5 9RY	**Weather Conditions:**	SUNNY
Originator :	**Hafzi**		

Location : 4 BLOCK B ***Test No. HEN 4***





Material Type	6F2
Plate Diameter (mm)	450
Technician	AM
Depth	
Type of Reaction Load	4 BLOCK B

Bearing Pressure (kN/m²)	**Plate Settlement (mm)**
0.0	0.00
69.1	0.45
131.9	0.96
190.5	1.36
222.6	1.73
311.1	2.10
0.0	1.79

Maximum Applied Pressure (kPa) :	**311**
Maximum deformation (mm) :	**2.1**
Modulus of subgrade reaction K (MN/m³) :	**139.3**
K_{762} (MN/m³) :	**86.8**
Calculated Equivalent CBR (%) :	**22.0**
Moisture Content (%) :	**N/A**

Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1: 1990

Moisture Content - Tested in accordance with BS 1377: Part 2 : 1990, oven drying method

Values K_{762}, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

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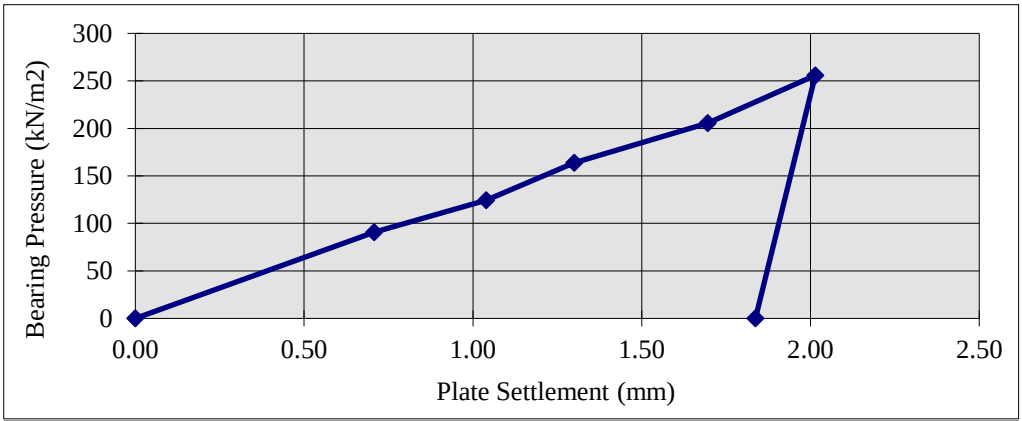
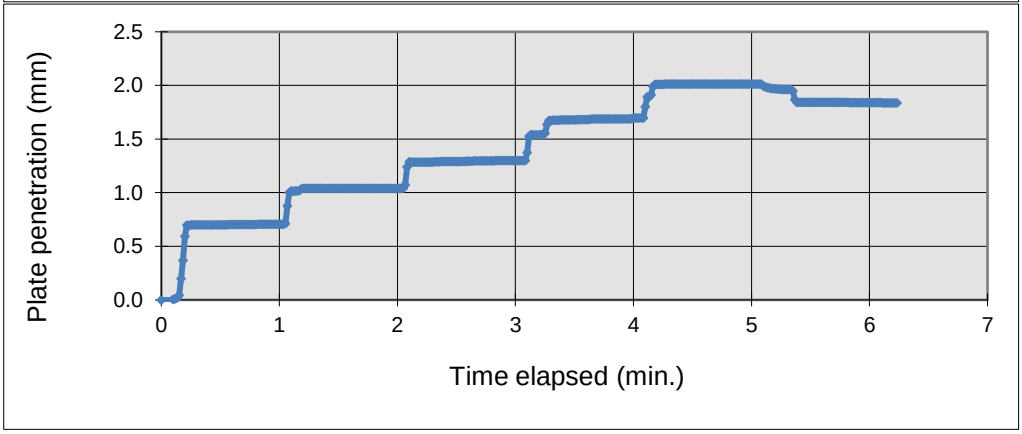
LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Nestles Ave	**Job No.**	ORD-51218/6
Client :	Henry Construction Projects Ltd	**Lab Ref No**	ORD-51218/6
	Parkway Farm	**Date Tested**	14/03/22
	Church Road	**Date Reported**	15/03/22
	Hounslow, TW5 9RY	**Weather Conditions:**	SUNNY
Originator :	**Hafzi**		

Location : 5 BLOCK B ***Test No. HEN 5***





Material Type	6F2
Plate Diameter (mm)	450
Technician	AM
Depth	
Type of Reaction Load	5 BLOCK B

Bearing Pressure (kN/m²)	**Plate Settlement (mm)**
0.0	0.00
90.9	0.71
124.5	1.04
163.9	1.30
205.4	1.70
255.8	2.01
0.0	1.84

Maximum Applied Pressure (kPa) :	**256**
Maximum deformation (mm) :	**2.0**
Modulus of subgrade reaction K (MN/m³) :	**125.0**
K_{762} (MN/m³) :	**77.9**
Calculated Equivalent CBR (%) :	**18.0**
Moisture Content (%) :	**N/A**

Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1: 1990

Moisture Content - Tested in accordance with BS 1377: Part 2 : 1990, oven drying method

Values K_{762}, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

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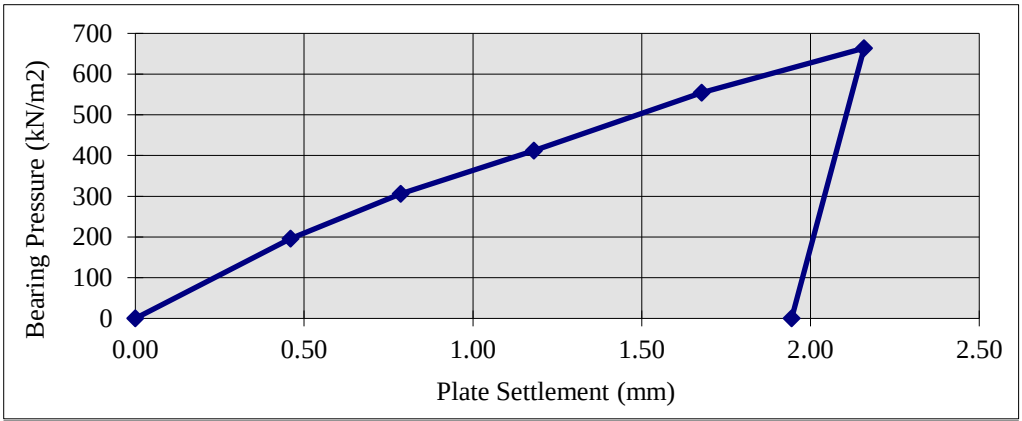
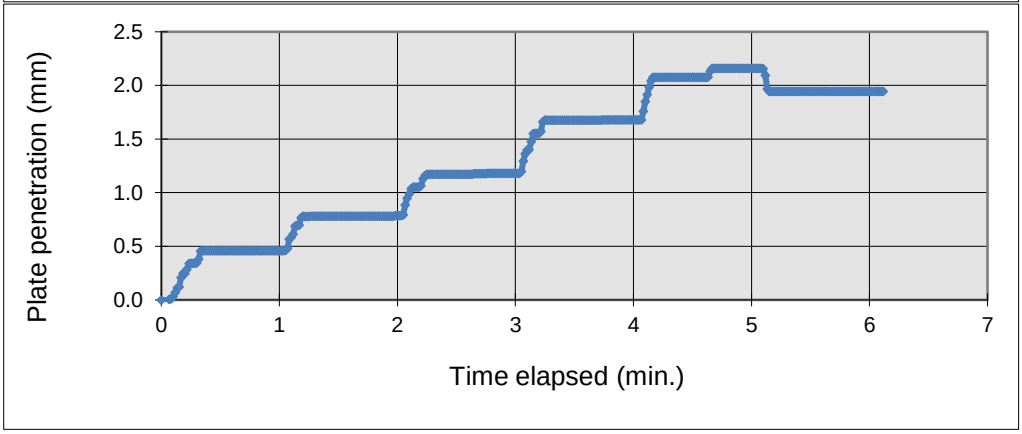
LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Nestles Ave	**Job No.**	ORD-51218/6
Client :	Henry Construction Projects Ltd	**Lab Ref No**	ORD-51218/6
	Parkway Farm	**Date Tested**	14/03/22
	Church Road	**Date Reported**	15/03/22
	Hounslow, TW5 9RY	**Weather Conditions:**	SUNNY
Originator :	**Hafzi**		

Location : 6 BLOCK B ***Test No. HEN 6***





Material Type	SANDY BALLEST
Plate Diameter (mm)	450
Technician	AM
Depth	
Type of Reaction Load	6 BLOCK B

Bearing Pressure (kN/m²)	**Plate Settlement (mm)**
0.0	0.00
195.7	0.46
306.0	0.79
412.5	1.18
554.6	1.68
663.7	2.16
0.0	1.94

Maximum Applied Pressure (kPa) :	**664**
Maximum deformation (mm) :	**2.2**
Modulus of subgrade reaction K (MN/m³) :	**345.9**
K_{762} (MN/m³) :	**215.5**
Calculated Equivalent CBR (%) :	**>100**
Moisture Content (%) :	**N/A**

Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1: 1990

Moisture Content - Tested in accordance with BS 1377: Part 2 : 1990, oven drying method

Values K_{762}, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

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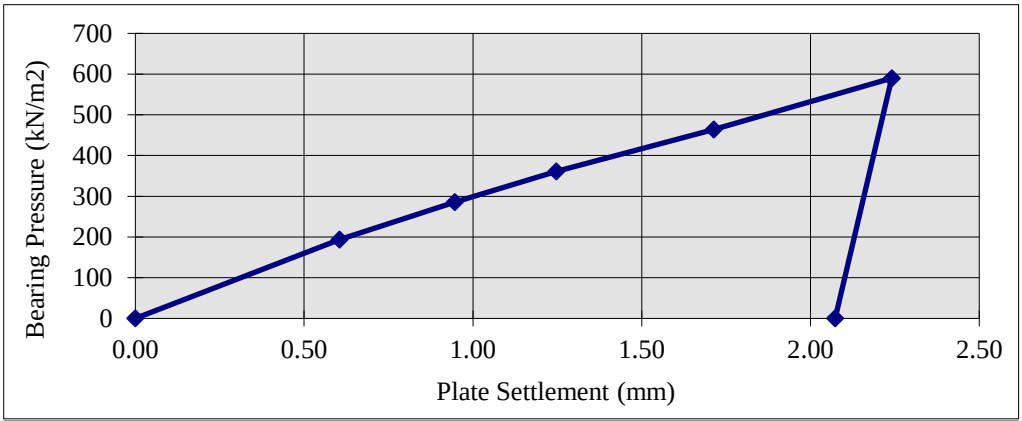
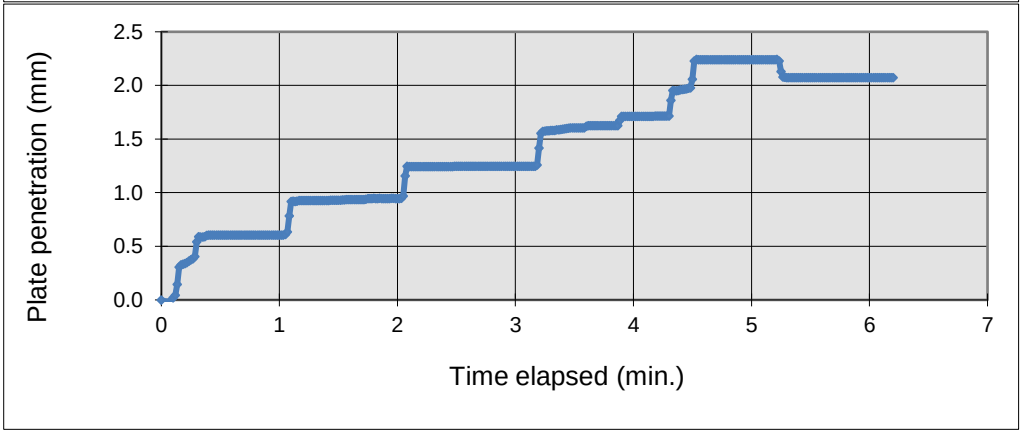
LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Nestles Ave	**Job No.**	ORD-51218/6
Client :	Henry Construction Projects Ltd	**Lab Ref No**	ORD-51218/6
	Parkway Farm	**Date Tested**	14/03/22
	Church Road	**Date Reported**	15/03/22
	Hounslow, TW5 9RY	**Weather Conditions:**	SUNNY
Originator :	**Hafzi**		

Location : 7 BLOCK B ***Test No. HEN 7***





Material Type	SANDY BALLEST
Plate Diameter (mm)	450
Technician	AM
Depth	
Type of Reaction Load	7 BLOCK B

Bearing Pressure (kN/m²)	**Plate Settlement (mm)**
0.0	0.00
193.7	0.60
285.6	0.95
360.8	1.25
464.2	1.71
589.9	2.24
0.0	2.07

Maximum Applied Pressure (kPa) :	**590**
Maximum deformation (mm) :	**2.2**
Modulus of subgrade reaction K (MN/m³) :	**289.2**
K_{762} (MN/m³) :	**180.2**
Calculated Equivalent CBR (%) :	**78.0**
Moisture Content (%) :	**N/A**

Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1: 1990

Moisture Content - Tested in accordance with BS 1377: Part 2 : 1990, oven drying method

Values K_{762}, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

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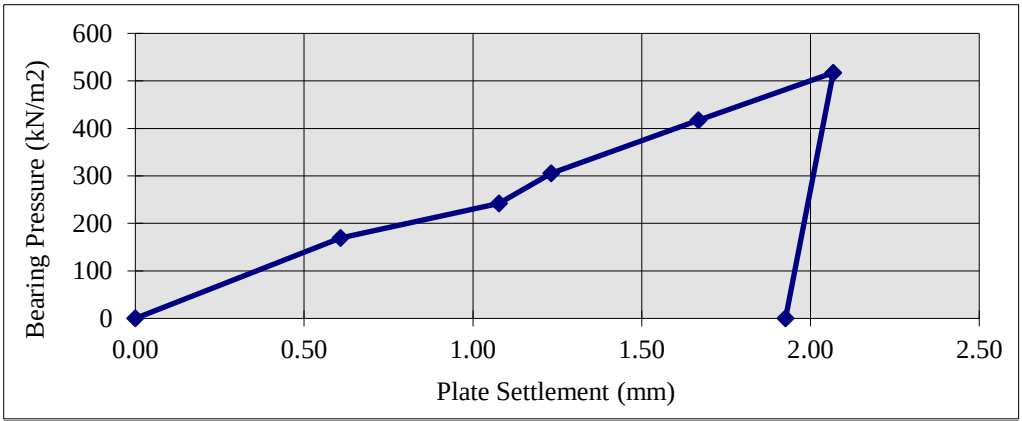
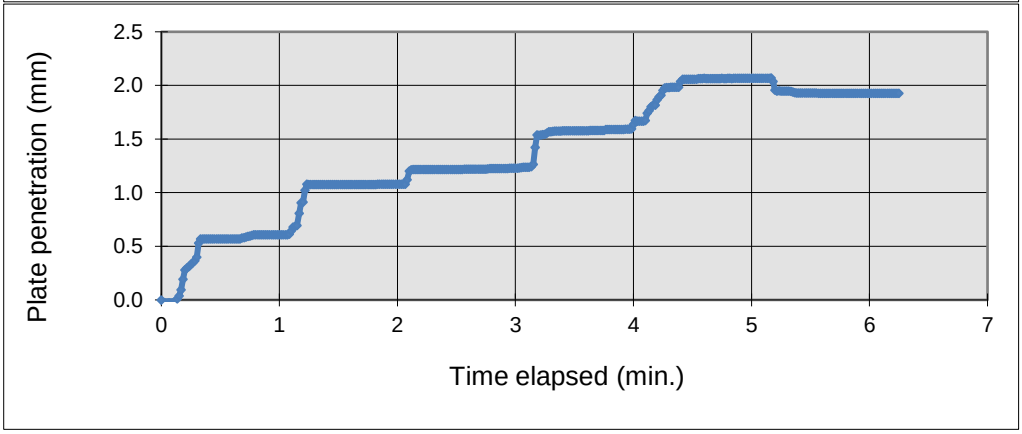
LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Nestles Ave	**Job No.**	ORD-51218/6
Client :	Henry Construction Projects Ltd	**Lab Ref No**	ORD-51218/6
	Parkway Farm	**Date Tested**	14/03/22
	Church Road	**Date Reported**	15/03/22
	Hounslow, TW5 9RY	**Weather Conditions:**	SUNNY
Originator :	**Hafzi**		

Location : 8 BLOCK B ***Test No. HEN 8***





Material Type	SANDY BALLEST
Plate Diameter (mm)	450
Technician	AM
Depth	
Type of Reaction Load	8 BLOCK B

Bearing Pressure (kN/m^2)	**Plate Settlement (mm)**
0.0	0.00
169.2	0.61
242.0	1.08
305.1	1.23
417.2	1.67
517.2	2.07
0.0	1.93

Maximum Applied Pressure (kPa) :	**517**
Maximum deformation (mm) :	**2.1**
Modulus of subgrade reaction K (MN/m^3) :	**247.8**
K_{762} (MN/m^3) :	**154.4**
Calculated Equivalent CBR (%) :	**60.0**
Moisture Content (%) :	**N/A**

Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1: 1990

Moisture Content - Tested in accordance with BS 1377: Part 2 : 1990, oven drying method

Values K_{762}, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

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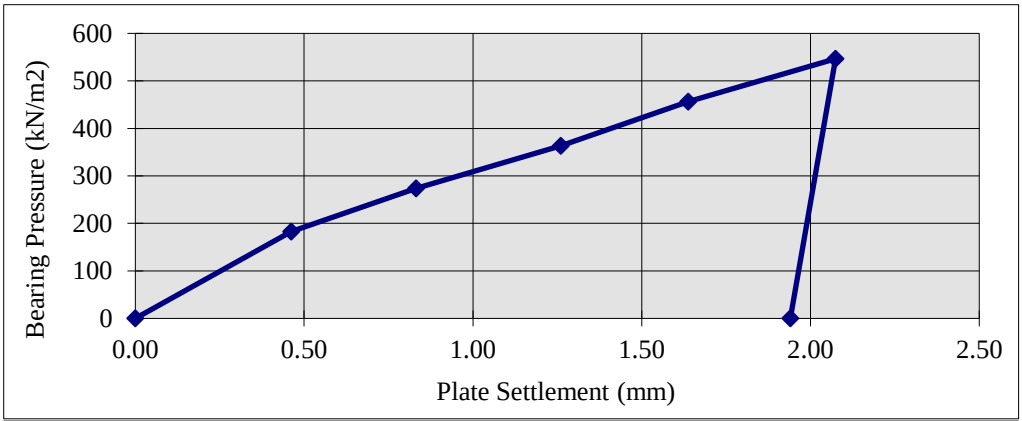
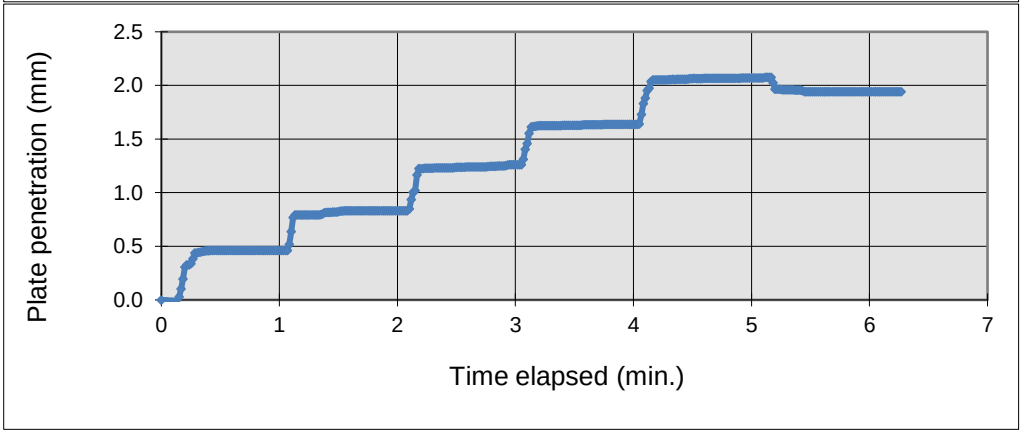
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Nestles Ave	**Job No.**	ORD-51218/6
Client :	Henry Construction Projects Ltd	**Lab Ref No**	ORD-51218/6
	Parkway Farm	**Date Tested**	14/03/22
	Church Road	**Date Reported**	15/03/22
	Hounslow, TW5 9RY	**Weather Conditions:**	SUNNY
Originator :	**Hafzi**		

Location : 9 BLOCK B ***Test No. HEN 9***





Material Type	SANDY BALLEST
Plate Diameter (mm)	450
Technician	AM
Depth	
Type of Reaction Load	9 BLOCK B

Bearing Pressure (kN/m^2)	**Plate Settlement (mm)**
0.0	0.00
182.8	0.46
273.5	0.83
363.3	1.26
456.2	1.64
546.5	2.07
0.0	1.94

Maximum Applied Pressure (kPa) :	**547**
Maximum deformation (mm) :	**2.1**
Modulus of subgrade reaction K (MN/m^3) :	**288.9**
K_{762} (MN/m^3) :	**180.0**
Calculated Equivalent CBR (%) :	**78.0**
Moisture Content (%) :	**N/A**

Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1: 1990

Moisture Content - Tested in accordance with BS 1377: Part 2 : 1990, oven drying method

Values K_{762}, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

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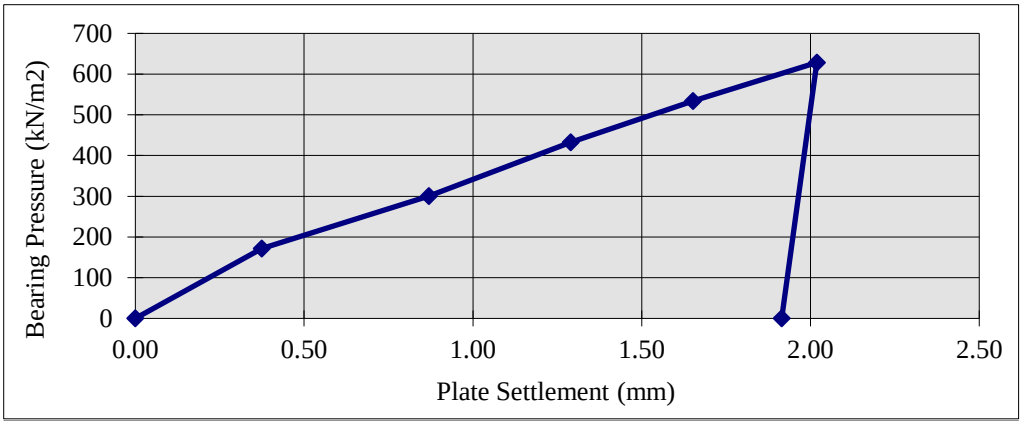
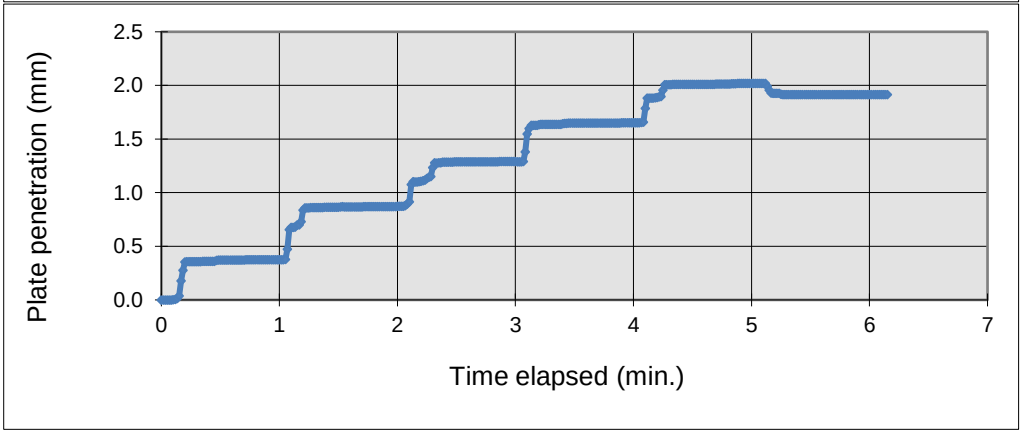
Client :	Henry Construction Projects Ltd	**Lab Ref No**	ORD-51218/6
	Parkway Farm	**Date Tested**	14/03/22
	Church Road	**Date Reported**	15/03/22
	Hounslow, TW5 9RY	**Weather Conditions:**	SUNNY
Originator :	**Hafzi**		

Location : 10 BLOCK B ***Test No. HEN 10***





Material Type	SANDY BALLEST
Plate Diameter (mm)	450
Technician	AM
Depth	
Type of Reaction Load	10 BLOCK B

Bearing Pressure (kN/m^2)	**Plate Settlement (mm)**
0.0	0.00
171.3	0.37
300.4	0.87
432.6	1.29
533.8	1.65
628.4	2.02
0.0	1.91

Maximum Applied Pressure (kPa) :	**628**
Maximum deformation (mm) :	**2.0**
Modulus of subgrade reaction K (MN/m^3) :	**336.1**
K_{762} (MN/m^3) :	**209.4**
Calculated Equivalent CBR (%) :	**>100**
Moisture Content (%) :	**N/A**

Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1: 1990

Moisture Content - Tested in accordance with BS 1377: Part 2 : 1990, oven drying method

Values K_{762}, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

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