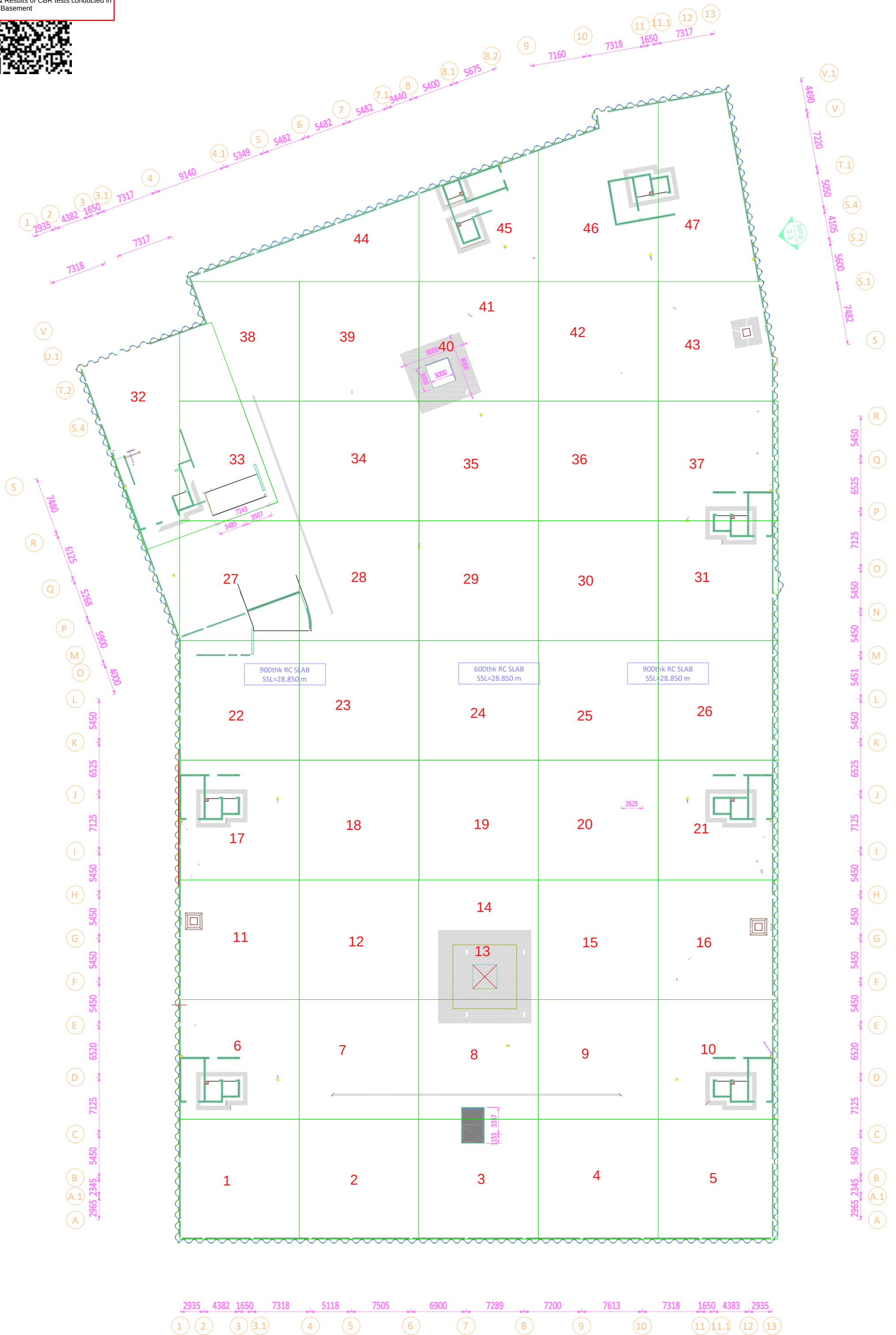




James Fisher Testing Services Ltd
Bruton House, Stadium Way
Harlow, CM19 5FT
Tel: 01279729029

James Fisher

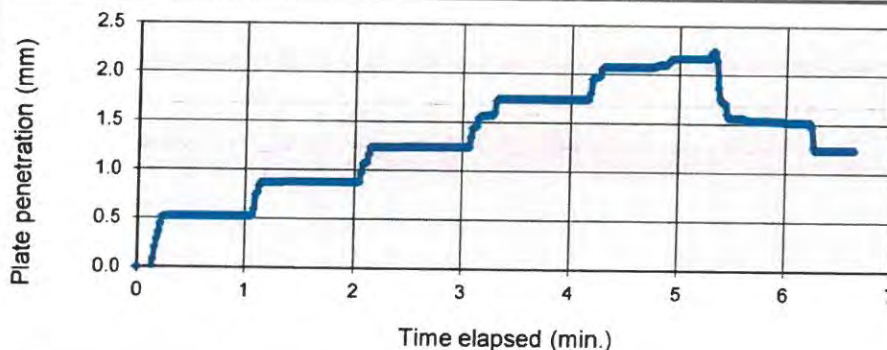
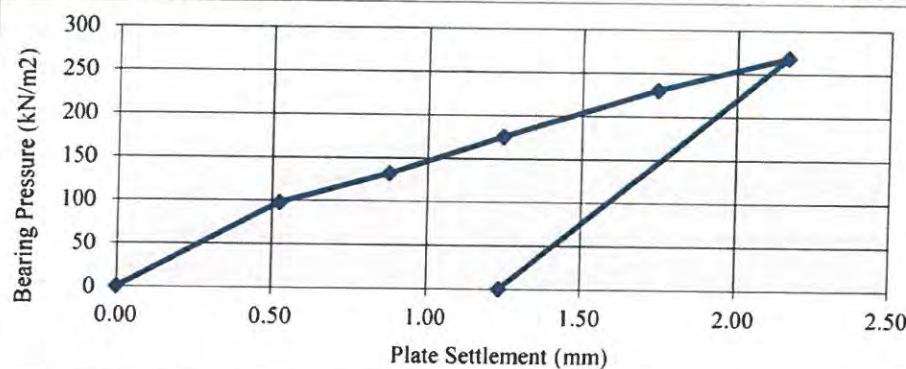


LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Nestles Ave	Job No.	ORD-51218/6
Client :	Henry Construction Projects Ltd	Lab Ref No	ORD-51218/6
	Parkway Farm	Date Tested	07/03/22
	Church Road	Date Reported	08/03/22
	Hounslow, TW5 9RY	Weather Conditions:	SUNNY
Originator :	Hafzi		

Location : 1 BLOCK B

Test No. HEN 1



Material Type SANDY BALLAST	
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
K₇₆₂ (MN/m³) : 87.7
Calculated Equivalent CBR (%) : 22.0
Moisture Content (%) : N/A

The stated result only relates to the item/location tested, this report shall not be reproduced except in full.

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 K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

Approved Signature
James Fisher Testing Services
Matthew Harris, Team Leader

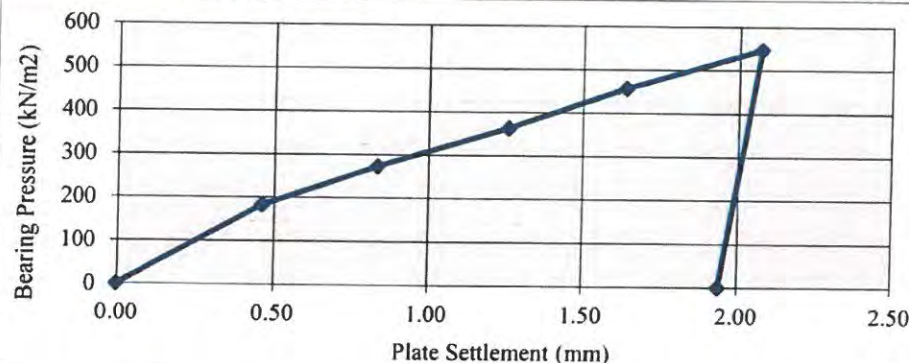


LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

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
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/m³) : 288.9
K₇₆₂ (MN/m³) : 180.0
Calculated Equivalent CBR (%) : 78.0
Moisture Content (%) : N/A

The stated result only relates to the item/location tested, this report shall not be reproduced except in full.

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 K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

Approved Signature
James Fisher Testing Services
Matthew Harris, Team Leader



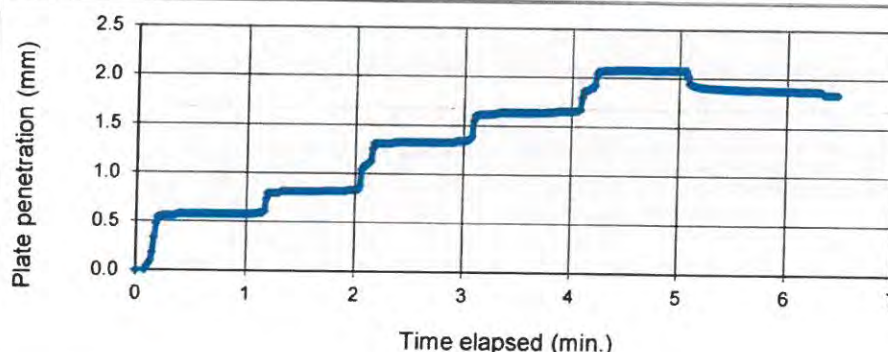
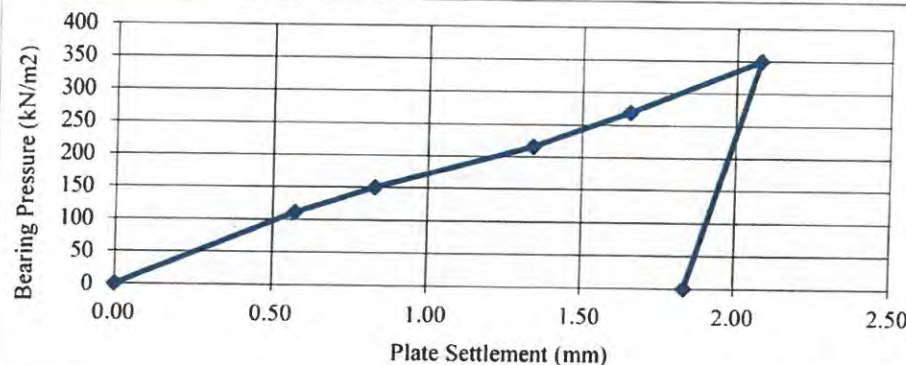


LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Nestles Ave	Job No.	ORD-51218/6
Client :	Henry Construction Projects Ltd	Lab Ref No	ORD-51218/6
	Parkway Farm	Date Tested	07/03/22
	Church Road	Date Reported	08/03/22
	Hounslow, TW5 9RY	Weather Conditions:	SUNNY
Originator :	Hafzi		

Location : 2 BLOCK B

Test No. HEN 2



Material Type SANDY BALLAST	
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
K₇₆₂ (MN/m³) : 101.7
Calculated Equivalent CBR (%) : 29.0
Moisture Content (%) : N/A

The stated result only relates to the item/location tested, this report shall not be reproduced except in full.

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 K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

Approved Signature
James Fisher Testing Services
Matthew Harris, Team Leader



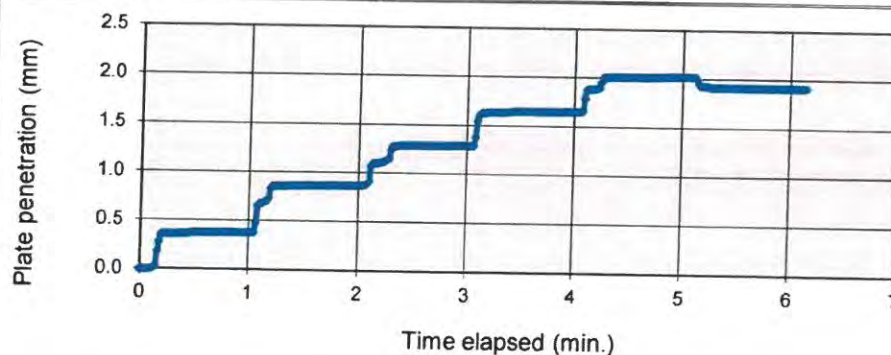
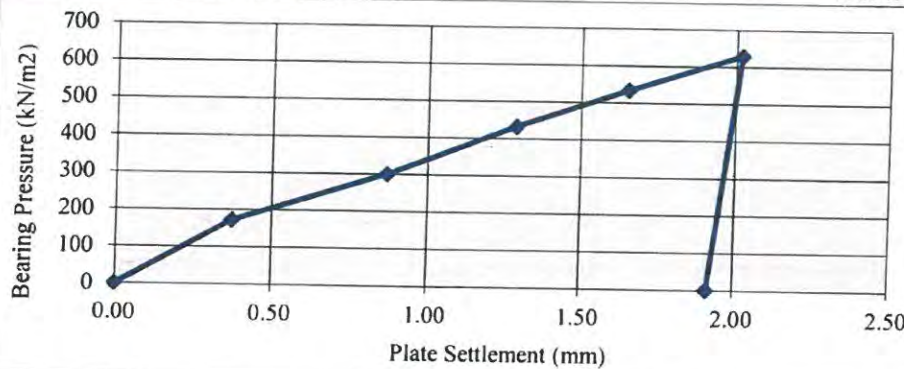


LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

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	
2 BLOCK B	
Type of Reaction Load	
2 BLOCK B	
Bearing Pressure (kN/m²)	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/m³) : 336.1
K₇₆₂ (MN/m³) : 209.4
Calculated Equivalent CBR (%) : >100
Moisture Content (%) : N/A

The stated result only relates to the item/location tested, this report shall not be reproduced except in full.

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 K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

Approved Signature
James Fisher Testing Services
Matthew Harris, Team Leader



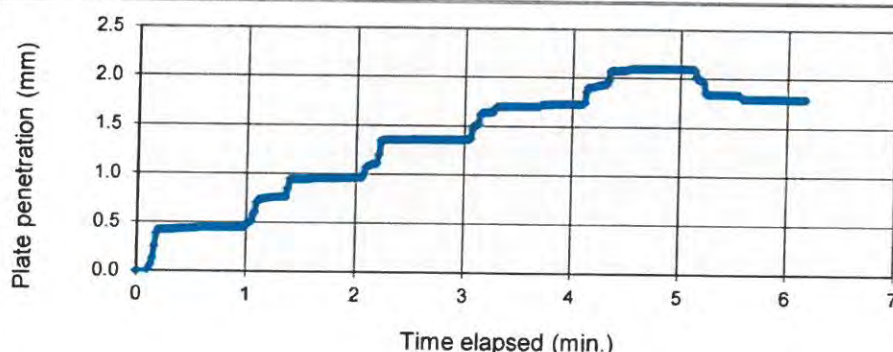
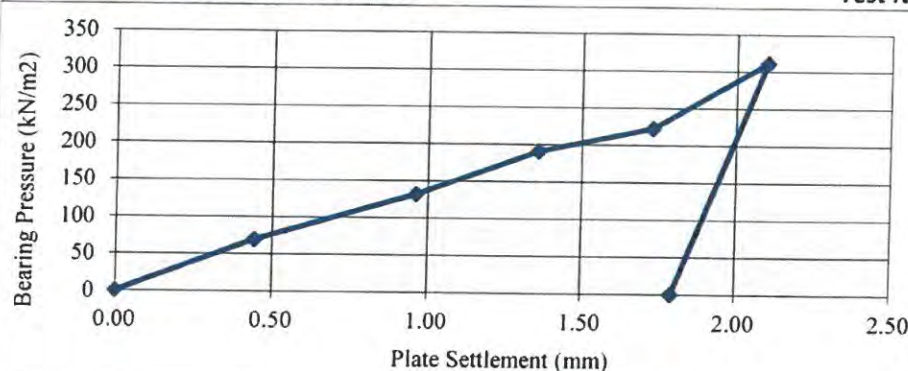


LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Nestles Ave	Job No.	ORD-51218/6
Client :	Henry Construction Projects Ltd	Lab Ref No	ORD-51218/6
	Parkway Farm	Date Tested	07/03/22
	Church Road	Date Reported	08/03/22
	Hounslow, TW5 9RY	Weather Conditions:	SUNNY
Originator :	Hafzi		

Location : 3 BLOCK B

Test No. HEN 3



Material Type SANDY BALLAST	
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
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
K₇₆₂ (MN/m³) :	86.8
Calculated Equivalent CBR (%) :	22.0
Moisture Content (%) :	N/A

The stated result only relates to the item/location tested, this report shall not be reproduced except in full.

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 K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

M. Harris
Approved Signature
James Fisher Testing Services
Matthew Harris, Team Leader



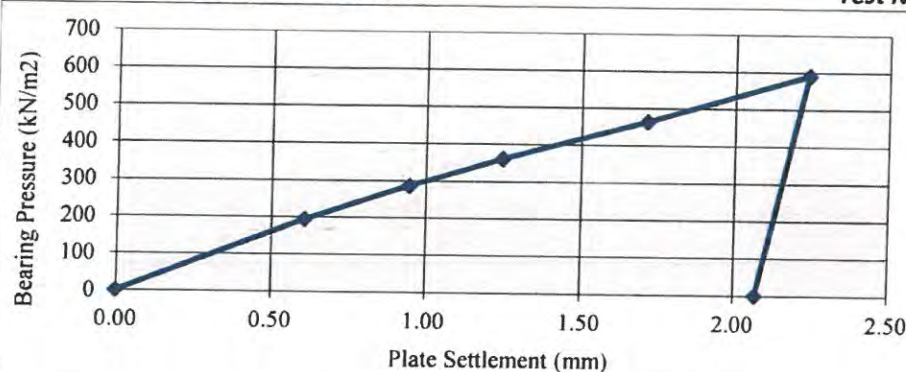


LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

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
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
K₇₆₂ (MN/m³) : 180.2
Calculated Equivalent CBR (%) : 78.0
Moisture Content (%) : N/A

The stated result only relates to the item/location tested, this report shall not be reproduced except in full.

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 K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

M. Harris

Approved Signature
James Fisher Testing Services
Matthew Harris, Team Leader



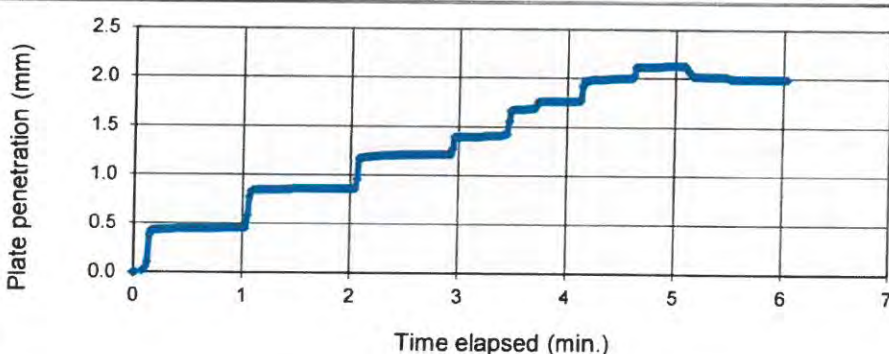
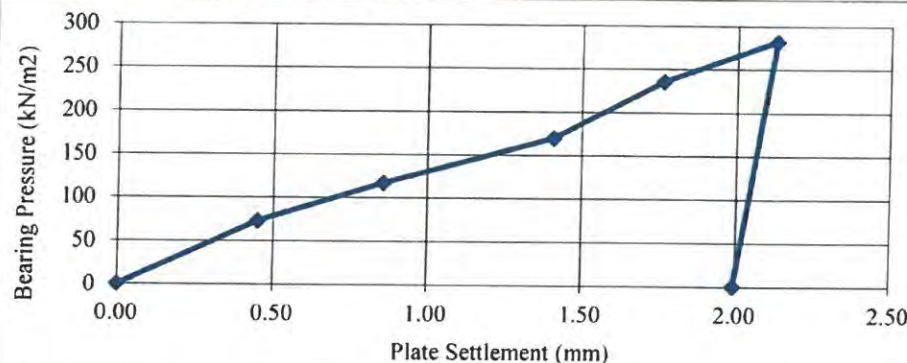


LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

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 : 13 BLOCK B

Test No. HEN 13



Material Type SANDY BALLAST	
Plate Diameter (mm) 450	
Technician AM	
Depth	
Type of Reaction Load 13 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
K₇₆₂ (MN/m³) : 77.1
Calculated Equivalent CBR (%) : 18.0
Moisture Content (%) : N/A

The stated result only relates to the item/location tested, this report shall not be reproduced except in full.

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 K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

Approved Signature
James Fisher Testing Services
Matthew Harris, Team Leader



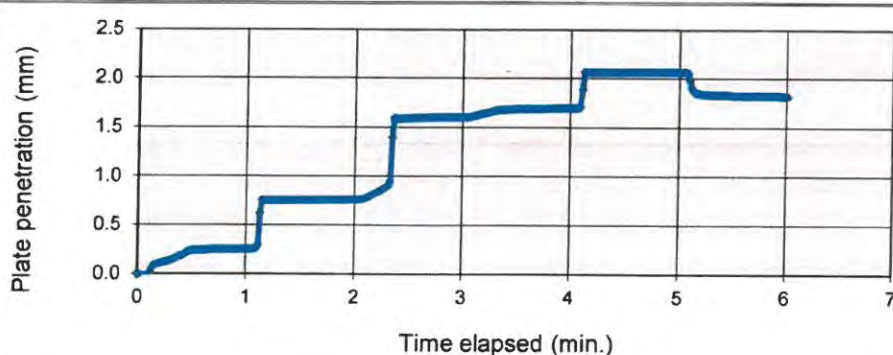
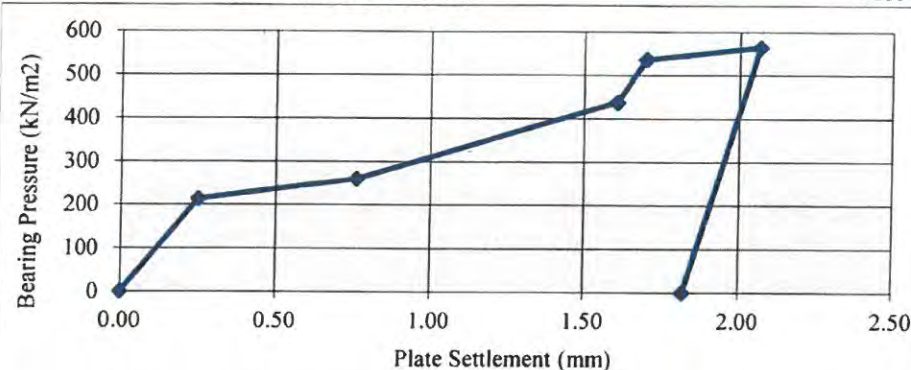


LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Nestles Ave	Job No.	ORD-51218/7
Client :	Henry Construction Projects Ltd	Lab Ref No	ORD-51218/7
	Parkway Farm	Date Tested	17/03/22
	Church Road	Date Reported	21/03/22
	Hounslow, TW5 9RY	Weather Conditions:	OVERCAST
Originator :	Alan		

Location : 13 BLOCK B

Test No. HEN 13



Material Type	
6F2	
Plate Diameter (mm)	
450	
Technician	
FS	
Depth	
Type of Reaction Load	
13 BLOCK B	
Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
213.8	0.25
260.2	0.76
437.1	1.60
535.6	1.70
564.4	2.07
0.0	1.82

Maximum Applied Pressure (kPa) :	564
Maximum deformation (mm) :	2.1
Modulus of subgrade reaction K (MN/m³) :	290.2
K ₇₆₂ (MN/m³) :	180.8
Calculated Equivalent CBR (%) :	79.0
Moisture Content (%) :	N/A

The stated result only relates to the item/location tested, this report shall not be reproduced except in full.

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 K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

M. Harris

Approved Signature
James Fisher Testing Services
Matthew Harris, Team Leader



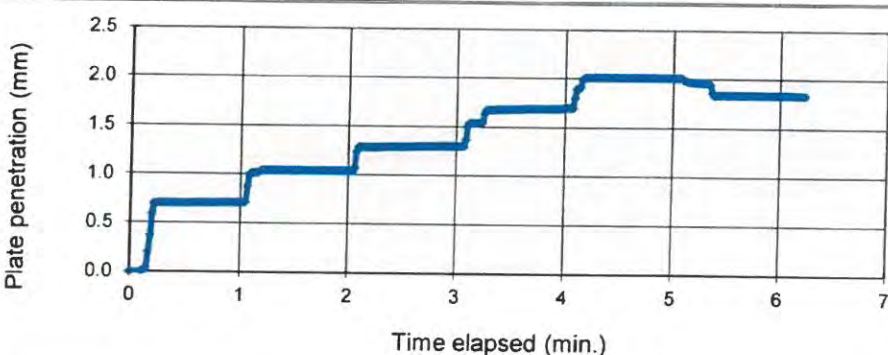
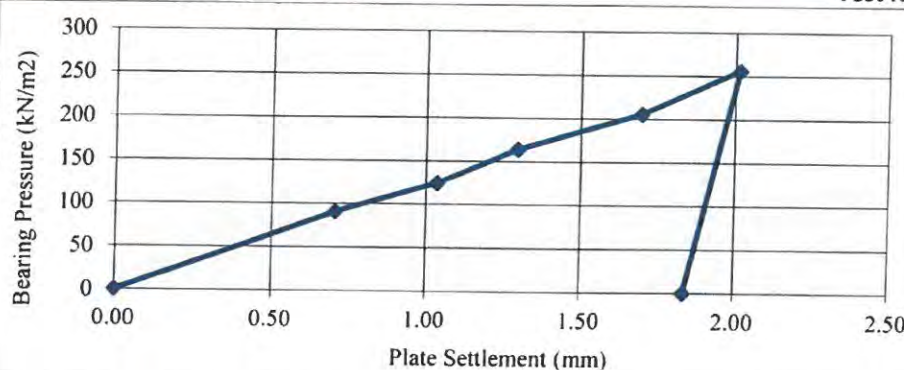


LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

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 BALLAST	
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
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
K₇₆₂ (MN/m³) : 77.9
Calculated Equivalent CBR (%) : 18.0
Moisture Content (%) : N/A

The stated result only relates to the item/location tested, this report shall not be reproduced except in full.

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 K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

M Harris
Approved Signature
James Fisher Testing Services
Matthew Harris, Team Leader



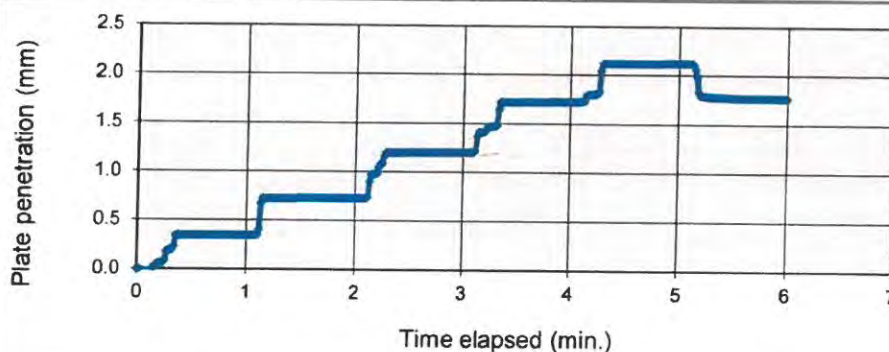
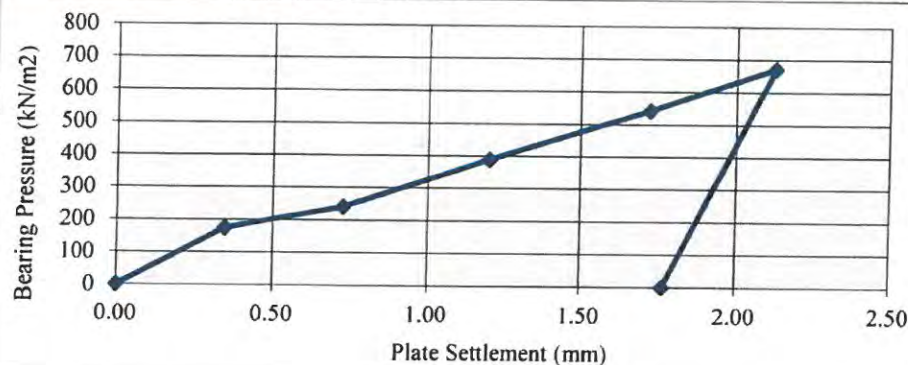


LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Nestles Ave	Job No.	ORD-51218/9
Client :	Henry Construction Projects Ltd	Lab Ref No	ORD-51218/9
	Parkway Farm	Date Tested	17/03/22
	Church Road	Date Reported	21/03/22
	Hounslow, TW5 9RY	Weather Conditions:	SUNNY
Originator :	Alan		

Location : 6 BLOCK B

Test No. HEN 6



Material Type	
6F2	
Plate Diameter (mm)	
450	
Technician	
FS	
Depth	
Type of Reaction Load	
6 BLOCK B	
Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
174.5	0.35
240.5	0.73
388.1	1.20
541.6	1.72
670.3	2.12
0.0	1.77

Maximum Applied Pressure (kPa) : 670
Maximum deformation (mm) : 2.1
Modulus of subgrade reaction K (MN/m³) : 321.7
K₇₆₂ (MN/m³) : 200.4
Calculated Equivalent CBR (%) : 94.0
Moisture Content (%) : N/A

The stated result only relates to the item/location tested, this report shall not be reproduced except in full.

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 K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

M. Harris

Approved Signature
James Fisher Testing Services
Matthew Harris, Team Leader



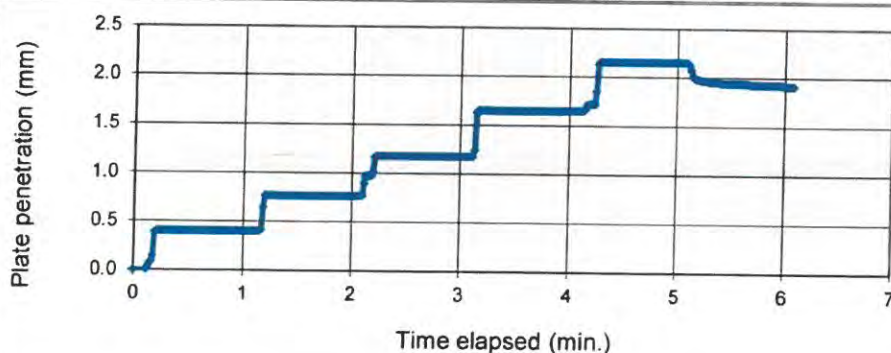
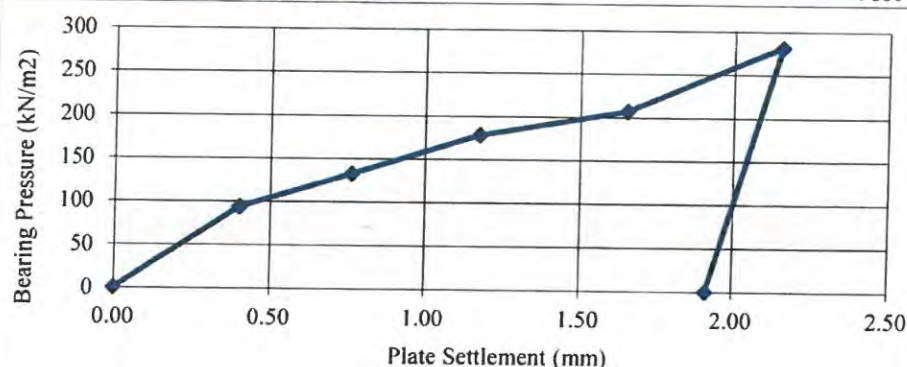


LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Nestles Ave	Job No.	ORD-51218/7
Client :	Henry Construction Projects Ltd	Lab Ref No	ORD-51218/7
	Parkway Farm	Date Tested	14/03/22
	Church Road	Date Reported	15/03/22
	Hounslow, TW5 9RY	Weather Conditions:	OVERCAST
Originator :	Hafzi		

Location : 7 Block B

Test No. Hen 7



Material Type SANDY BALLAST	
Plate Diameter (mm) 450	
Technician FS	
Depth	
Type of Reaction Load 7 BLOCK B	
Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
93.7	0.40
132.4	0.76
178.4	1.18
207.0	1.65
281.4	2.15
0.0	1.91

Maximum Applied Pressure (kPa) : 281
Maximum deformation (mm) : 2.2
Modulus of subgrade reaction K (MN/m³) : 146.2
K₇₆₂ (MN/m³) : 91.1
Calculated Equivalent CBR (%) : 24.0
Moisture Content (%) : N/A

The stated result only relates to the item/location tested, this report shall not be reproduced except in full.

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

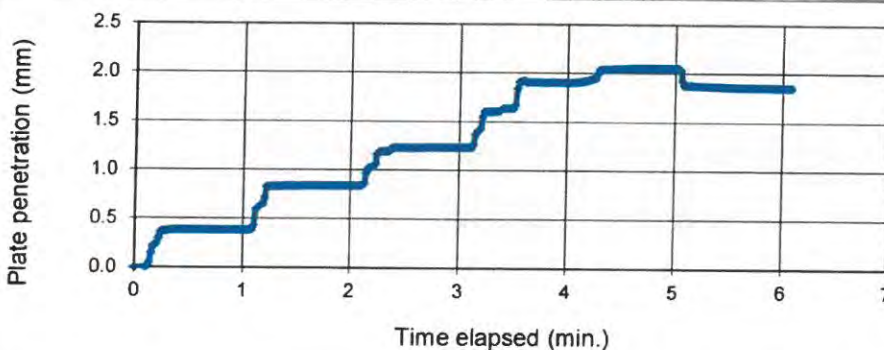
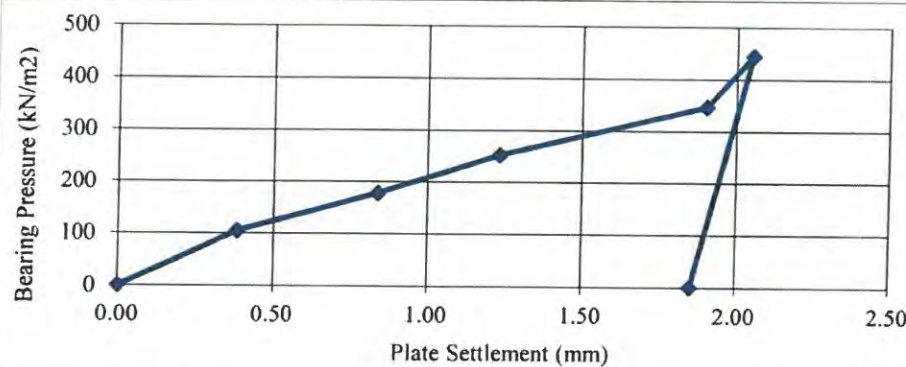
Values K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

M. Harris
Approved Signature
James Fisher Testing Services
Matthew Harris, Team Leader

LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Hayes Village	Job No.	ORD-67243/2
Client :	Henry Construction Projects	Lab Ref No	ORD-67243/2
	Parkway Farm	Date Tested	20/03/22
	Church Road	Date Reported	25/03/22
	Hounslow, TW5 9RY	Weather Conditions:	SUNNY
Originator :	Alan		

Location: 7 BLOCK B



Maximum Applied Pressure (kPa) :	444
Maximum deformation (mm) :	2.1
Modulus of subgrade reaction K (MN/m³) :	204.1
K₇₆₂ (MN/m³) :	127.1
Calculated Equivalent CBR (%) :	43
Moisture Content (%) :	N/A

Material Type		6F2
Plate Diameter (mm)		450
Technician		AM
Depth		
Type of Reaction Load		15 TON EXC
Bearing Pressure (kN/m²)	Plate Settlement (mm)	
0.0	0.00	
105.0	0.38	
178.0	0.84	
253.0	1.23	
346.0	1.90	
444.0	2.05	
0.0	1.86	
-	-	
-	-	
-	-	
-	-	
-	-	
-	-	
-	-	

The stated result only relates to the item/location tested, this report shall not be reproduced except in full.

Incremental Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1.6.4.2: 1990

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

Values K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Withdrawn)

M Harris

Approved Signature
CMTL Limited
Matthew Harris, Operations lead
RS84B Issue 3 Feb 22



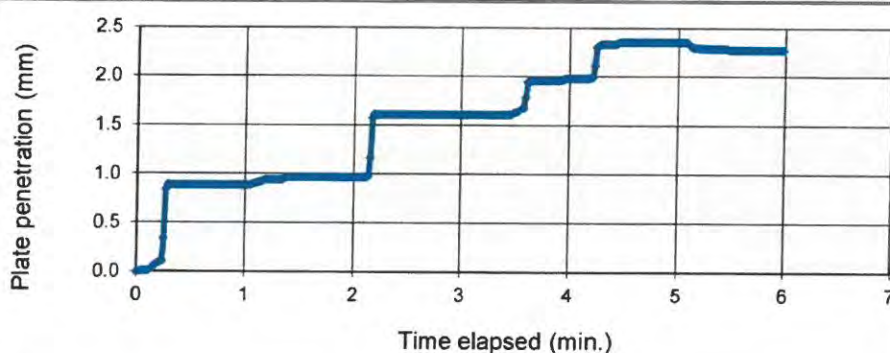
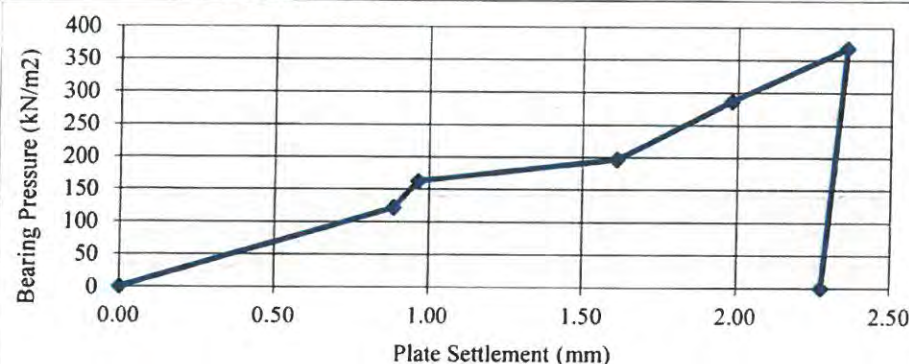


LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Nestles Ave	Job No.	ORD-51218/7
Client :	Henry Construction Projects Ltd	Lab Ref No	ORD-51218/7
	Parkway Farm	Date Tested	14/03/22
	Church Road	Date Reported	15/03/22
	Hounslow, TW5 9RY	Weather Conditions:	OVERCAST
Originator :	Alan		

Location : 8 BLOCK B

Test No. HEN 8



Material Type SANDY BALLAST	
Plate Diameter (mm) 450	
Technician FS	
Depth	
Type of Reaction Load 8 BLOCK B	
Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
122.0	0.89
162.5	0.97
196.7	1.61
286.1	1.98
367.8	2.35
0.0	2.28

Maximum Applied Pressure (kPa) :	368
Maximum deformation (mm) :	2.4
Modulus of subgrade reaction K (MN/m³) :	142.1
K ₇₆₂ (MN/m³) :	88.5
Calculated Equivalent CBR (%) :	23.0
Moisture Content (%) :	N/A

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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 K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

M Harris

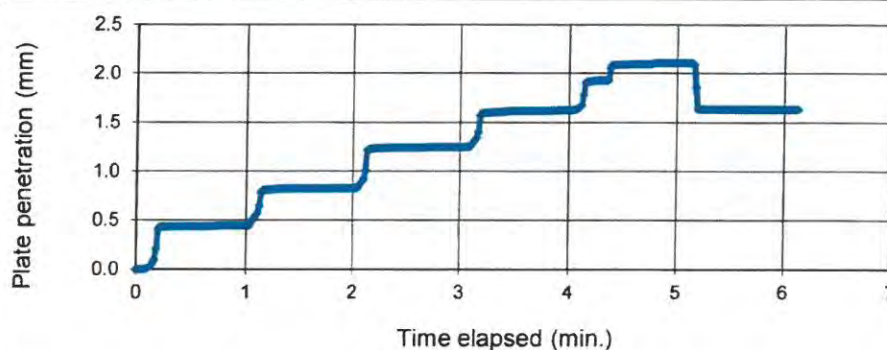
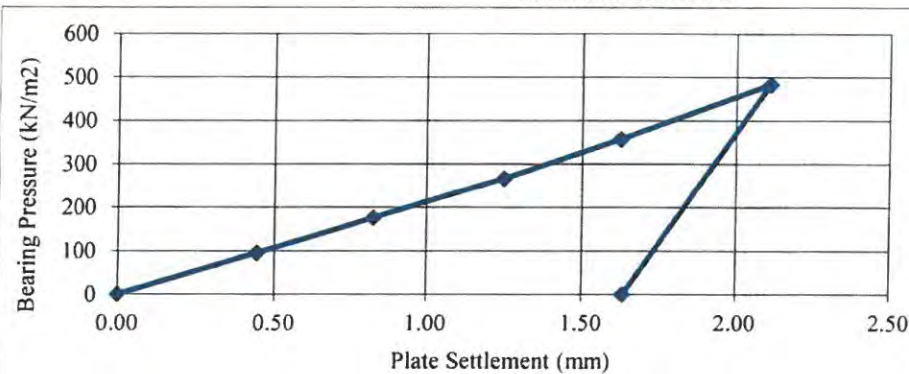
Approved Signature
James Fisher Testing Services
Matthew Harris, Team Leader



LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Hayes Village	Job No.	ORD-67243/2
Client :	Henry Construction Projects	Lab Ref No	ORD-67243/2
	Parkway Farm	Date Tested	20/03/22
	Church Road	Date Reported	25/04/22
	Hounslow, TW5 9RY	Weather Conditions:	SUNNY
Originator :	Alan Gavin		

Location: 8 Block B



Material Type 6F2	
Plate Diameter (mm) 450	
Technician AM	
Depth	
Type of Reaction Load 15 TON EXC	
Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
95.0	0.44
176.0	0.83
266.0	1.25
357.0	1.63
483.0	2.11
0.0	1.63
-	-
-	-
-	-
-	-
-	-
-	-
-	-

Maximum Applied Pressure (kPa) :	483
Maximum deformation (mm) :	2.1
Modulus of subgrade reaction K (MN/m³) :	213.1
K₇₆₂ (MN/m³) :	132.8
Calculated Equivalent CBR (%) :	46
Moisture Content (%) :	N/A

The stated result only relates to the item/location tested, this report shall not be reproduced except in full.

Incremental Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1.6.4.2: 1990

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

Values K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Withdrawn)

M. Harris

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CMTL Limited
Matthew Harris, Operations lead
RS84B Issue 3 Feb 22



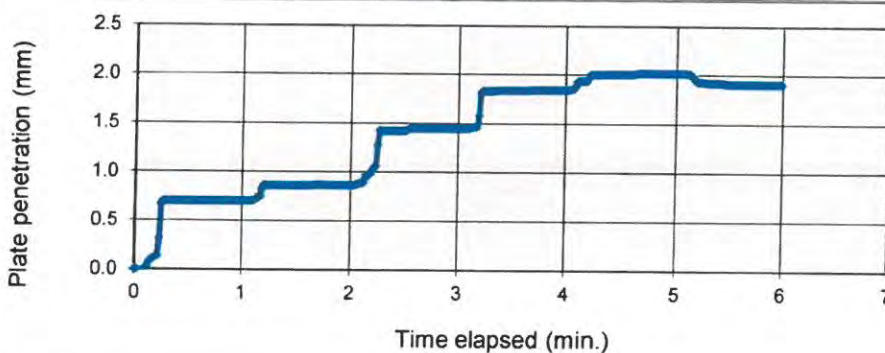
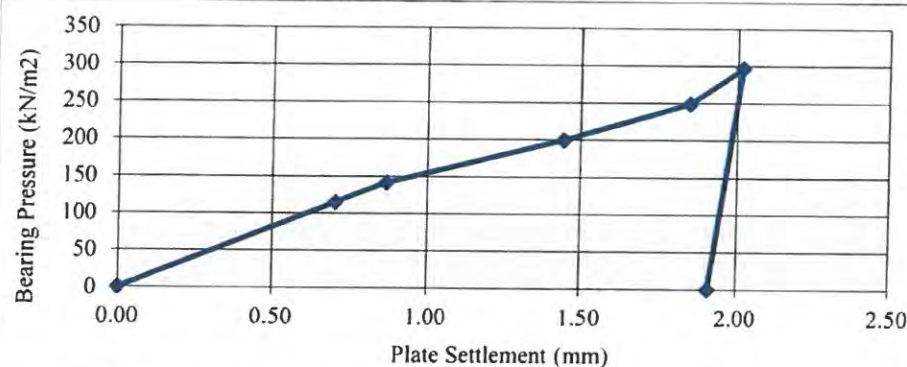


LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Nestles Ave	Job No.	ORD-51218/7
Client :	Henry Construction Projects Ltd	Lab Ref No	ORD-51218/7
	Parkway Farm	Date Tested	14/03/22
	Church Road	Date Reported	15/03/22
	Hounslow, TW5 9RY	Weather Conditions:	OVERCAST
Originator :	Hafzi		

Location : 11 Block B

Test No. H11



Material Type
SANDY BALLAST

Plate Diameter (mm)
450

Technician
FS

Depth

Type of Reaction Load
11 BLOCK B

Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
114.4	0.70
141.7	0.87
199.5	1.45
248.9	1.85
296.2	2.02
0.0	1.91

Maximum Applied Pressure (kPa) :	296
Maximum deformation (mm) :	2.0
Modulus of subgrade reaction K (MN/m³) :	143.8
K₇₆₂ (MN/m³) :	89.6
Calculated Equivalent CBR (%) :	23.0
Moisture Content (%) :	N/A

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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 K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

M. Harris

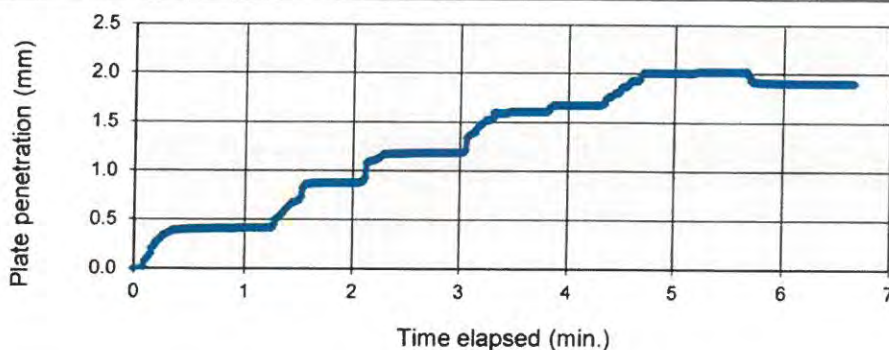
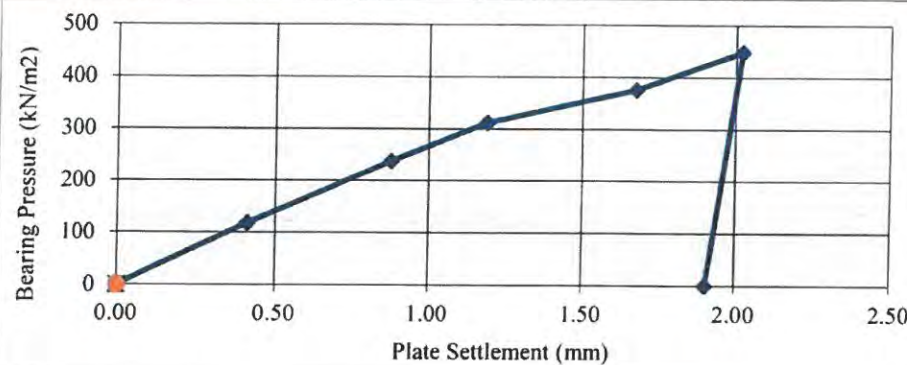
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James Fisher Testing Services
Matthew Harris, Team Leader



LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Hayes Village	Job No.	ORD-67243/2
Client :	Henry Construction Projects	Lab Ref No	ORD-67243/2
	Parkway Farm	Date Tested	20/03/22
	Church Road	Date Reported	25/03/22
	Hounslow, TW5 9RY	Weather Conditions:	SUNNY
Originator :	Alan Gavin		

Location: 11 BLOCK B



Maximum Applied Pressure (kPa) :	447
Maximum deformation (mm) :	2.0
Modulus of subgrade reaction K (MN/m³) :	255.4
K₇₆₂ (MN/m³) :	159.2
Calculated Equivalent CBR (%) :	63
Moisture Content (%) :	N/A

Material Type	
6F2	
Plate Diameter (mm)	
450	
Technician	
AM	
Depth	
Type of Reaction Load	
15 TON EXC	
Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
118.0	0.41
237.0	0.88
311.0	1.19
375.0	1.67
447.0	2.02
0.0	1.90
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-	-
-	-
-	-
-	-
-	-
-	-

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Incremental Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1.6.4.2: 1990

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

Values K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Withdrawn)

M. Harris

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Matthew Harris, Operations lead

RS84B Issue 3 Feb 22



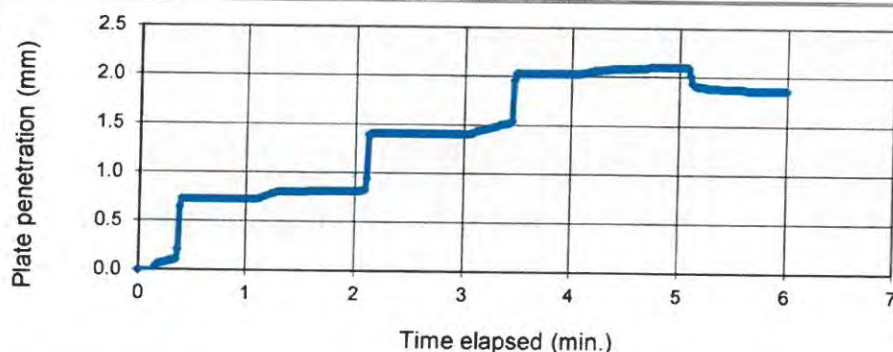
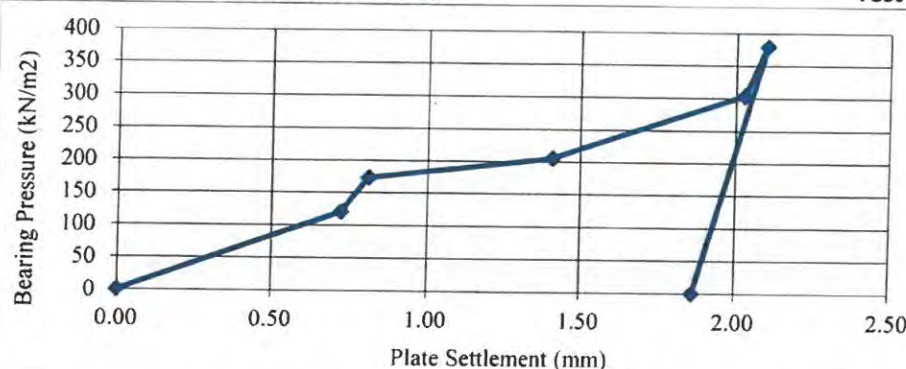


LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project : Nestles Ave **Job No.** ORD-51218/7
Client : Henry Construction Projects Ltd **Lab Ref No** ORD-51218/7
Parkway Farm **Date Tested** 14/03/22
Church Road **Date Reported** 15/03/22
Hounslow, TW5 9RY **Weather Conditions:** OVERCAST
Originator : Hafzi

Location : 12 Block B

Test No. HEN 12



Material Type	
6N	
Plate Diameter (mm)	
450	
Technician	
FS	
Depth	
12 BLOCK B	
Type of Reaction Load	
12 BLOCK B	
Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
121.0	0.73
173.7	0.81
206.0	1.41
303.6	2.03
379.5	2.10
0.0	1.86

Maximum Applied Pressure (kPa) : 380
Maximum deformation (mm) : 2.1
Modulus of subgrade reaction K (MN/m³) : 157.9
K₇₆₂ (MN/m³) : 98.4
Calculated Equivalent CBR (%) : 27.0
Moisture Content (%) : N/A

The stated result only relates to the item/location tested, this report shall not be reproduced except in full.

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 K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

M Harris

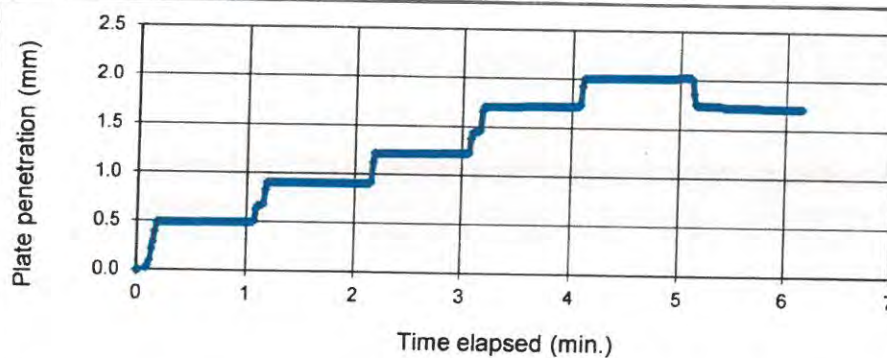
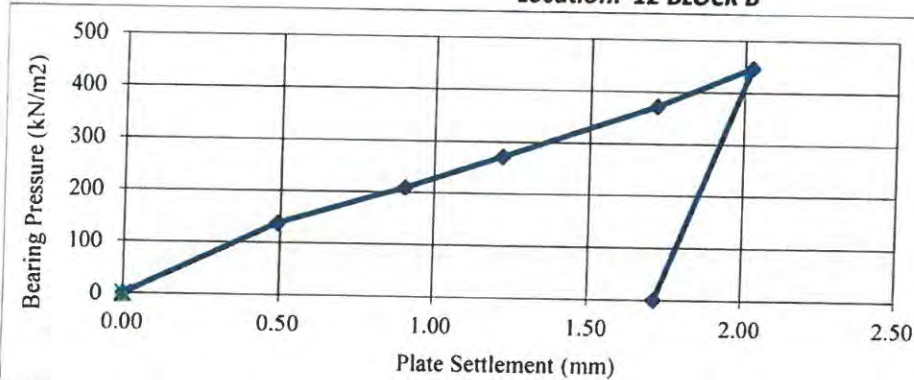
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James Fisher Testing Services
Matthew Harris, Team Leader



LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Hayes Village	Job No.	ORD-67243/2
Client :	Henry Construction Projects	Lab Ref No	ORD-67243/2
	Parkway Farm	Date Tested	20/03/22
	Church Road	Date Reported	25/03/22
	Hounslow, TW5 9RY	Weather Conditions:	SUNNY
Originator :	Alan Gavin		

Location: 12 BLOCK B



Maximum Applied Pressure (kPa) :	446
Maximum deformation (mm) :	2.0
Modulus of subgrade reaction K (MN/m³) :	221.2
K₇₆₂ (MN/m³) :	137.8
Calculated Equivalent CBR (%) :	49
Moisture Content (%) :	N/A

Material Type		6F2
Plate Diameter (mm)		450
Technician		AM
Depth		
Type of Reaction Load		15 TON EXC
Bearing Pressure (kN/m²)	Plate Settlement (mm)	
0.0	0.00	
137.0	0.49	
209.0	0.90	
271.0	1.22	
371.0	1.71	
446.0	2.03	
0.0	1.72	
-	-	
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Incremental Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1.6.4.2: 1990

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

Values K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Withdrawn)

M Harris

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CMTL Limited
Matthew Harris, Operations lead
RS84B Issue 3 Feb 22



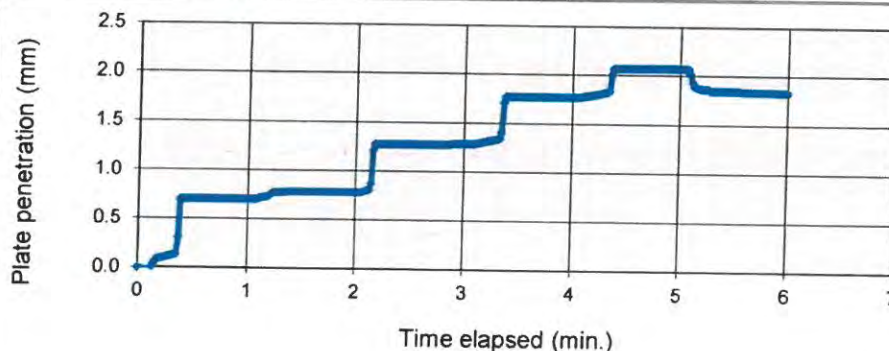
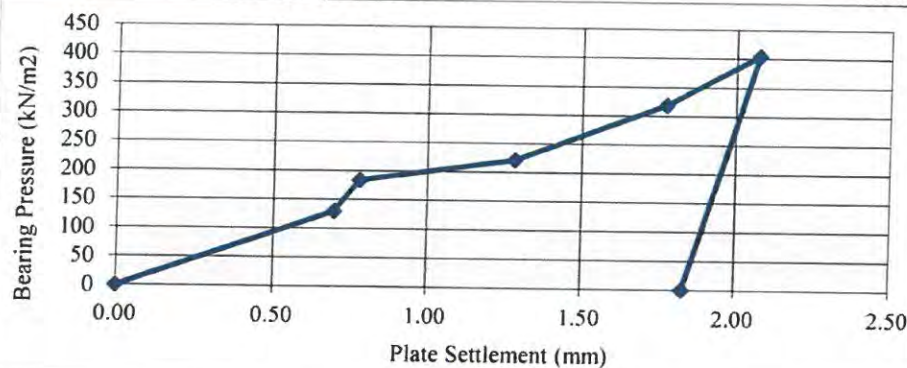


LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Nestles Ave	Job No.	ORD-51218/7
Client :	Henry Construction Projects Ltd	Lab Ref No	ORD-51218/7
	Parkway Farm	Date Tested	14/03/22
	Church Road	Date Reported	15/03/22
	Hounslow, TW5 9RY	Weather Conditions:	OVERCAST
Originator :	Hafzi		

Location : 14 BLOCK B

Test No. HEN 14



Material Type SANDY BALLAST	
Plate Diameter (mm) 450	
Technician FS	
Depth	
Type of Reaction Load 14 BLOCK B	
Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
130.0	0.70
183.8	0.78
221.5	1.28
318.7	1.77
404.3	2.07
0.0	1.83

Maximum Applied Pressure (kPa) :	404
Maximum deformation (mm) :	2.1
Modulus of subgrade reaction K (MN/m³) :	175.2
K ₇₆₂ (MN/m³) :	109.1
Calculated Equivalent CBR (%) :	33.0
Moisture Content (%) :	N/A

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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 K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

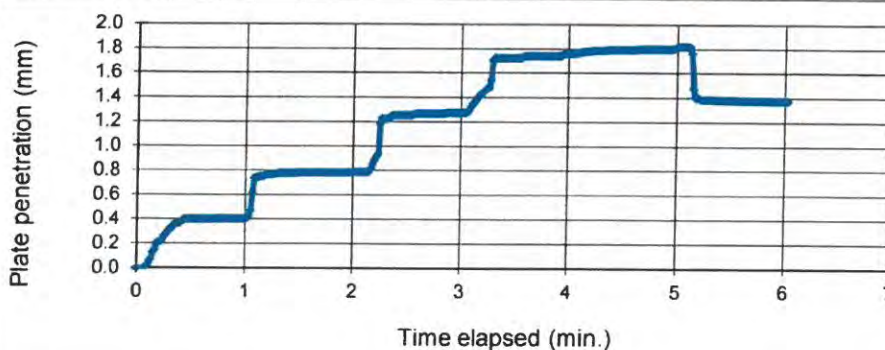
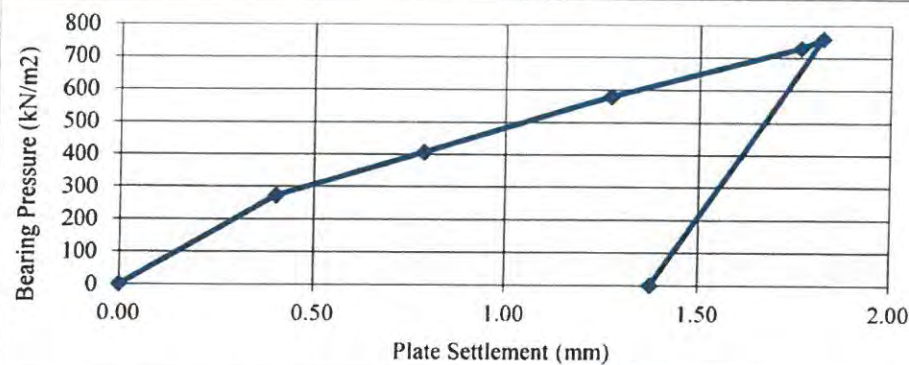
M. Harris
Approved Signature
James Fisher Testing Services
Matthew Harris, Team Leader



LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Hayes Village	Job No.	ORD-67243/2
Client :	Henry Construction Projects	Lab Ref No	ORD-67243/2
	Parkway Farm	Date Tested	20/03/22
	Church Road	Date Reported	25/03/22
	Hounslow, TW5 9RY	Weather Conditions:	SUNNY
Originator :	Alan Gavin		

Location: 14 BLOCK B



Maximum Applied Pressure (kPa) :	759
Maximum deformation (mm) :	1.8
Modulus of subgrade reaction K (MN/m³) :	456.2
K₇₆₂ (MN/m³) :	284.3
Calculated Equivalent CBR (%) :	>100
Moisture Content (%) :	N/A

Material Type	
6F2	
Plate Diameter (mm)	
450	
Technician	
AM	
Depth	
Type of Reaction Load	
15 TON EXC	
Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
272.0	0.40
407.0	0.79
579.0	1.27
730.0	1.76
759.0	1.82
0.0	1.38
-	-
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-	-

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Incremental Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1.6.4.2: 1990

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

Values K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Withdrawn)

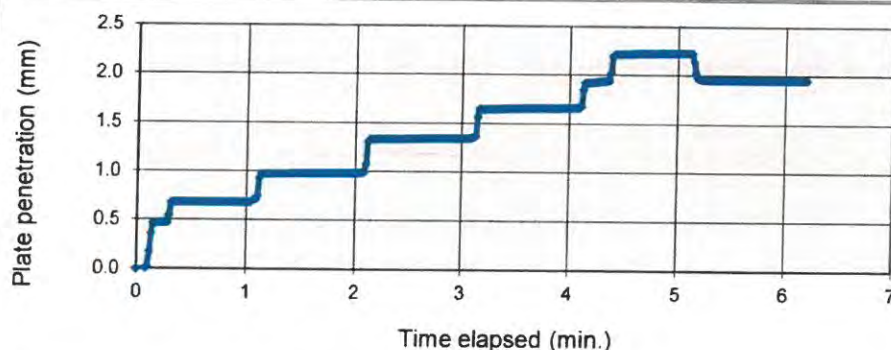
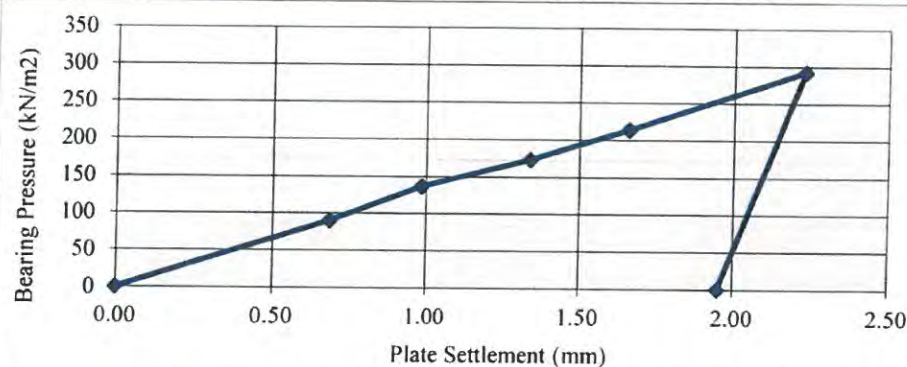
M Harris
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CMTL Limited
Matthew Harris, Operations lead
RS84B Issue 3 Feb 22



LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Hayes Village	Job No.	ORD-67243/2
Client :	Henry Construction Projects	Lab Ref No	ORD-67243/2
	Parkway Farm	Date Tested	20/03/22
	Church Road	Date Reported	25/03/22
	Hounslow, TW5 9RY	Weather Conditions:	SUNNY
Originator :	Alan Gavin		

Location: 17 BLOCK B



Maximum Applied Pressure (kPa) :	292
Maximum deformation (mm) :	2.2
Modulus of subgrade reaction K (MN/m³) :	130.6
K₇₆₂ (MN/m³) :	81.4
Calculated Equivalent CBR (%) :	20
Moisture Content (%) :	N/A

Material Type SANDY BALLAST	
Plate Diameter (mm) 450	
Technician AM	
Depth	
Type of Reaction Load 15 TON EXC	
Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
90.0	0.68
136.0	0.99
173.0	1.34
214.0	1.66
292.0	2.23
0.0	1.95
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Incremental Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1.6.4.2: 1990

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

Values K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Withdrawn)

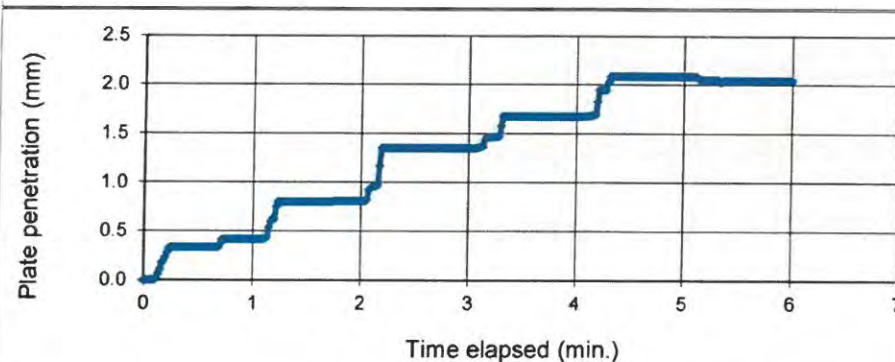
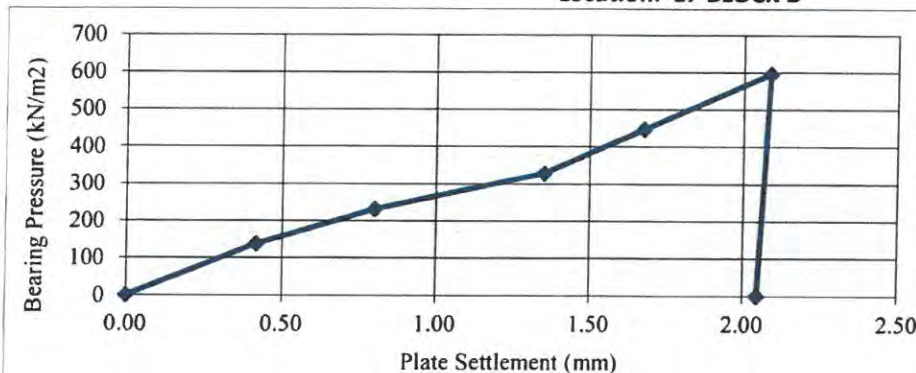
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Matthew Harris, Operations lead
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LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Hayes Village	Job No.	ORD-67243/1
Client :	Henry Construction Projects	Lab Ref No	ORD-67243/1
	Parkway Farm	Date Tested	12/04/22
	Church Road	Date Reported	13/04/22
	Hounslow, TW5 9RY	Weather Conditions:	OVERCAST
Originator :	Alan Gavin		

Location: 17 BLOCK B



Maximum Applied Pressure (kPa) :	596
Maximum deformation (mm) :	2.1
Modulus of subgrade reaction K (MN/m³) :	247.8
K₇₆₂ (MN/m³) :	154.4
Calculated Equivalent CBR (%) :	60
Moisture Content (%) :	N/A

Material Type		6F2
Plate Diameter (mm)		450
Technician		FS
Depth		
Type of Reaction Load		22 TONNE EXC
Bearing Pressure (kN/m²)	Plate Settlement (mm)	
0.0	0.00	
138.0	0.42	
231.0	0.81	
328.0	1.35	
447.0	1.68	
596.0	2.09	
0.0	2.05	
-	-	
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Incremental Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1.6.4.2: 1990

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

Values K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Withdrawn)

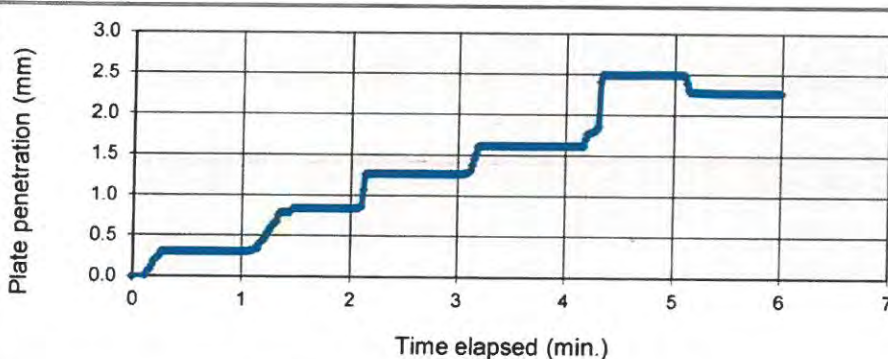
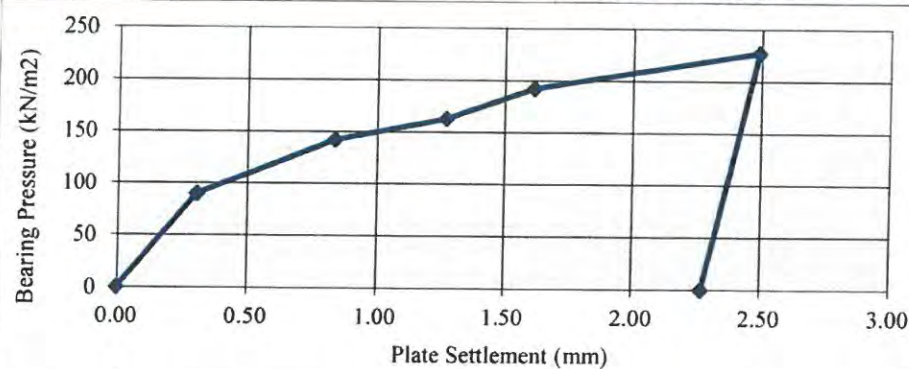
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Approved Signature
CMTL Limited
Matthew Harris, Operations lead
RS84B Issue 3 Feb 22



LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Hayes Village	Job No.	ORD-67243/1
Client :	Henry Construction Projects	Lab Ref No	ORD-67243/1
	Parkway Farm	Date Tested	20/03/22
	Church Road	Date Reported	25/03/22
	Hounslow, TW5 9RY	Weather Conditions:	SUNNY
Originator :	Alan Gavin		

Location: 18 BLOCK B



Maximum Applied Pressure (kPa) :	227
Maximum deformation (mm) :	2.5
Modulus of subgrade reaction K (MN/m³) :	129.7
K₇₆₂ (MN/m³) :	80.8
Calculated Equivalent CBR (%) :	20
Moisture Content (%) :	N/A

Material Type SANDY BALLAST	
Plate Diameter (mm) 450	
Technician FS	
Depth	
Type of Reaction Load 15 TONNE EXC	
Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
90.0	0.31
142.0	0.83
163.0	1.27
192.0	1.62
227.0	2.49
0.0	2.27
-	-
-	-
-	-
-	-
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The stated result only relates to the item/location tested, this report shall not be reproduced except in full.

Incremental Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1.6.4.2: 1990

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

Values K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Withdrawn)

M Harris

Approved Signature
 CMTL Limited
 Matthew Harris, Operations lead

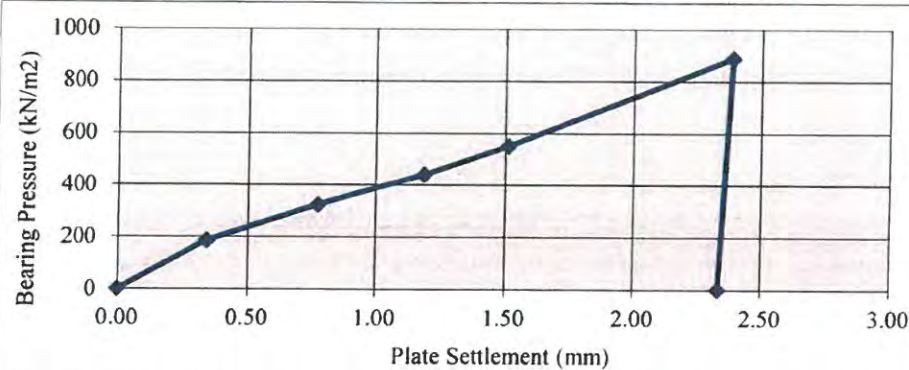
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LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Hayes Village	Job No.	ORD-67243/1
Client :	Henry Construction Projects	Lab Ref No	ORD-67243/1
	Parkway Farm	Date Tested	12/04/22
	Church Road	Date Reported	13/04/22
	Hounslow, TW5 9RY	Weather Conditions:	OVERCAST
Originator :	Alan Gavin		

Location: 18 BLOCK B



Maximum Applied Pressure (kPa) :	887
Maximum deformation (mm) :	2.4
Modulus of subgrade reaction K (MN/m³) :	369.8
K₇₆₂ (MN/m³) :	230.4
Calculated Equivalent CBR (%) :	120
Moisture Content (%) :	N/A

Material Type		6F2
Plate Diameter (mm)		450
Technician		FS
Depth		
Type of Reaction Load		22 TONNE EXC
Bearing Pressure (kN/m²)	Plate Settlement (mm)	
0.0	0.00	
187.0	0.34	
324.0	0.77	
441.0	1.19	
551.0	1.51	
887.0	2.39	
1.0	2.34	
-	-	
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Incremental Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1.6.4.2: 1990

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

Values K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Withdrawn)

M. Harris

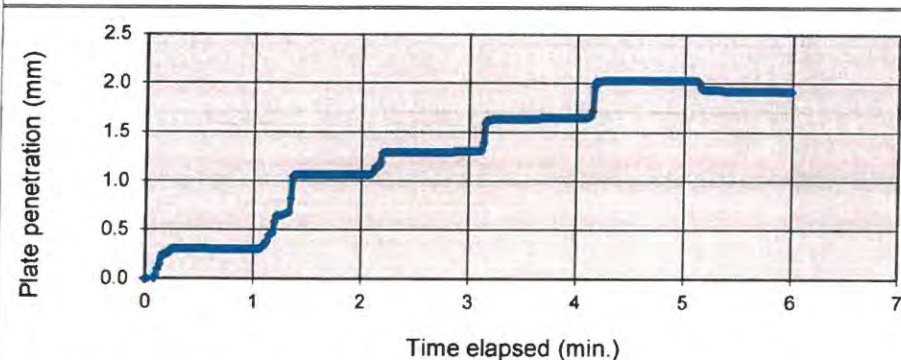
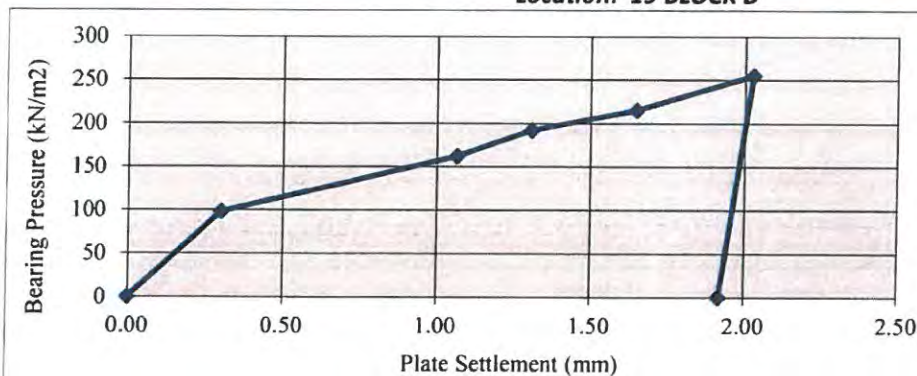
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RS84B Issue 3 Feb 22



LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Hayes Village	Job No.	ORD-67243/1
Client :	Henry Construction Projects	Lab Ref No	ORD-67243/1
	Parkway Farm	Date Tested	20/03/22
	Church Road	Date Reported	25/03/22
	Hounslow, TW5 9RY	Weather Conditions:	SUNNY
Originator :	Alan Gavin		

Location: 19 BLOCK B



Maximum Applied Pressure (kPa) :	255
Maximum deformation (mm) :	2.0
Modulus of subgrade reaction K (MN/m³) :	147.8
K₇₆₂ (MN/m³) :	92.1
Calculated Equivalent CBR (%) :	24
Moisture Content (%) :	N/A

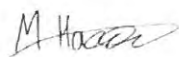
Material Type SANDY BALLAST	
Plate Diameter (mm) 450	
Technician FS	
Depth	
Type of Reaction Load 15 TONNE EXC	
Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
98.0	0.30
162.0	1.07
192.0	1.31
215.0	1.65
255.0	2.03
0.0	1.92
-	-
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The stated result only relates to the item/location tested, this report shall not be reproduced except in full.

Incremental Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1.6.4.2: 1990

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

Values K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Withdrawn)



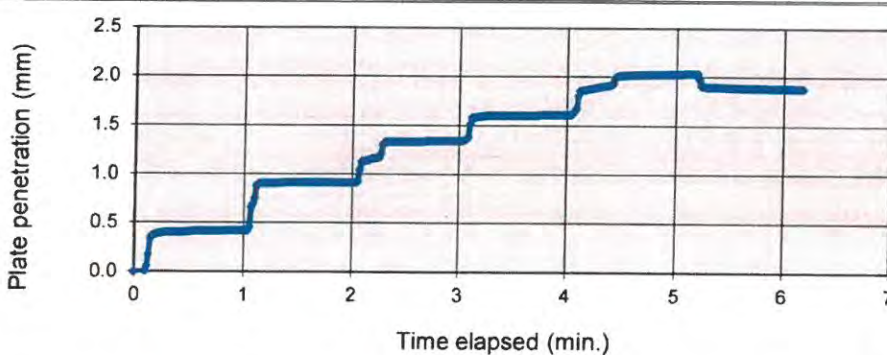
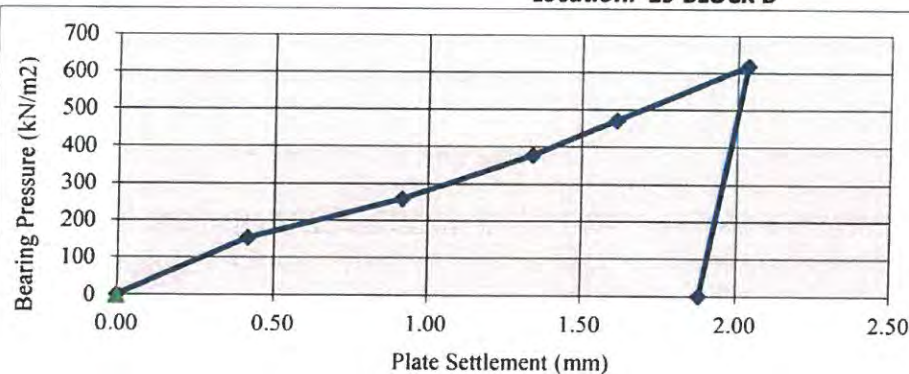
Approved Signature
CMTL Limited
Matthew Harris, Operations lead
RS84B Issue 3 Feb 22



LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Hayes Village	Job No.	ORD-67243/2
Client :	Henry Construction Projects	Lab Ref No	ORD-67243/2
	Parkway Farm	Date Tested	12/04/22
	Church Road	Date Reported	13/04/22
	Hounslow, TW5 9RY	Weather Conditions:	OVERCAST
Originator :	Alan Gavin		

Location: 19 BLOCK B



Maximum Applied Pressure (kPa) :	618
Maximum deformation (mm) :	2.0
Modulus of subgrade reaction K (MN/m³) :	281.3
K₇₆₂ (MN/m³) :	175.3
Calculated Equivalent CBR (%) :	75
Moisture Content (%) :	N/A

Material Type	
6F2	
Plate Diameter (mm)	
450	
Technician	
FS	
Depth	
Type of Reaction Load	
22 TON EXC	
Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
153.0	0.42
258.0	0.92
377.0	1.34
471.0	1.61
618.0	2.04
0.0	1.88
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-	-

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Incremental Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1.6.4.2: 1990

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

Values K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Withdrawn)

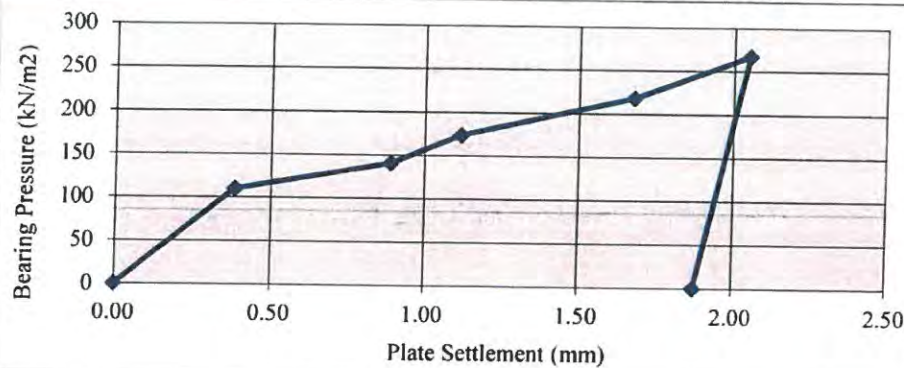
M Harris
Approved Signature
CMTL Limited
Matthew Harris, Operations lead
RS84B Issue 3 Feb 22



LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Hayes Village	Job No.	ORD-67243/1
Client :	Henry Construction Projects	Lab Ref No	ORD-67243/1
	Parkway Farm	Date Tested	12/04/22
	Church Road	Date Reported	13/04/22
	Hounslow, TW5 9RY	Weather Conditions:	OVERCAST
Originator :	Alan Gavin		

Location: 22 BLOCK B



Maximum Applied Pressure (kPa) :	267
Maximum deformation (mm) :	2.1
Modulus of subgrade reaction K (MN/m³) :	147.3
K₇₆₂ (MN/m³) :	91.8
Calculated Equivalent CBR (%) :	24
Moisture Content (%) :	N/A

Material Type SANDY BALLAST	
Plate Diameter (mm) 450	
Technician FS	
Depth	
Type of Reaction Load 22 TONNE EXC	
Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
110.0	0.38
141.0	0.89
174.0	1.12
218.0	1.68
267.0	2.05
0.0	1.88
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The stated result only relates to the item/location tested, this report shall not be reproduced except in full.

Incremental Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1.6.4.2: 1990

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

Values K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Withdrawn)



Approved Signature
CMTL Limited
Matthew Harris, Operations lead

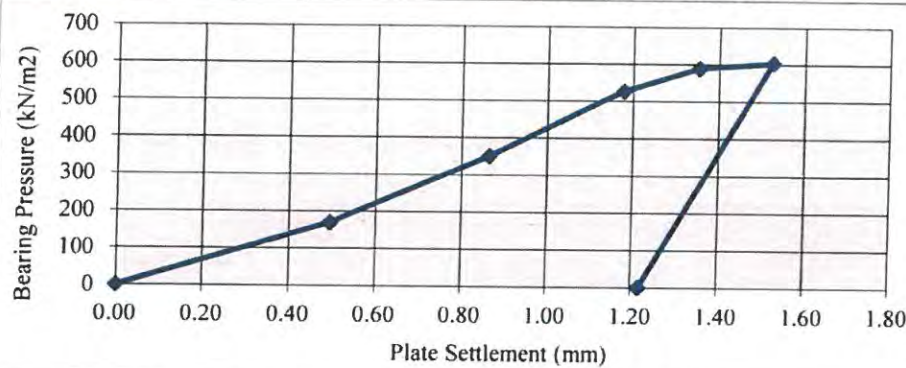
RS84B Issue 3 Feb 22



LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Hayes Village	Job No.	ORD-67243/2
Client :	Henry Construction Projects	Lab Ref No	ORD-67243/2
	Parkway Farm	Date Tested	20/04/22
	Church Road	Date Reported	25/04/22
	Hounslow, TW5 9RY	Weather Conditions:	SUNNY
Originator :	Alan Gavin		

Location: 22 BLOCK B



Maximum Applied Pressure (kPa) :	603
Maximum deformation (mm) :	1.5
Modulus of subgrade reaction K (MN/m³) :	441.9
K₇₆₂ (MN/m³) :	275.3
Calculated Equivalent CBR (%) :	>100
Moisture Content (%) :	N/A

Material Type		6F2
Plate Diameter (mm)		450
Technician		AM
Depth		
Type of Reaction Load		15 TON EXC
Bearing Pressure (kN/m²)	Plate Settlement (mm)	
0.0	0.00	
169.0	0.49	
351.0	0.87	
527.0	1.18	
589.0	1.35	
603.0	1.52	
0.0	1.22	
-	-	
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-	-	
-	-	
-	-	
-	-	
-	-	

The stated result only relates to the item/location tested, this report shall not be reproduced except in full.

Incremental Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1.6.4.2: 1990

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

Values K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Withdrawn)

Approved Signature
CMTL Limited
Matthew Harris, Operations lead
RS84B Issue 3 Feb 22

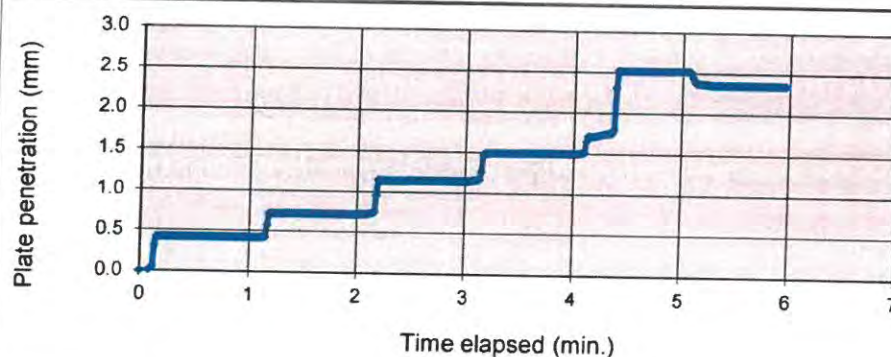
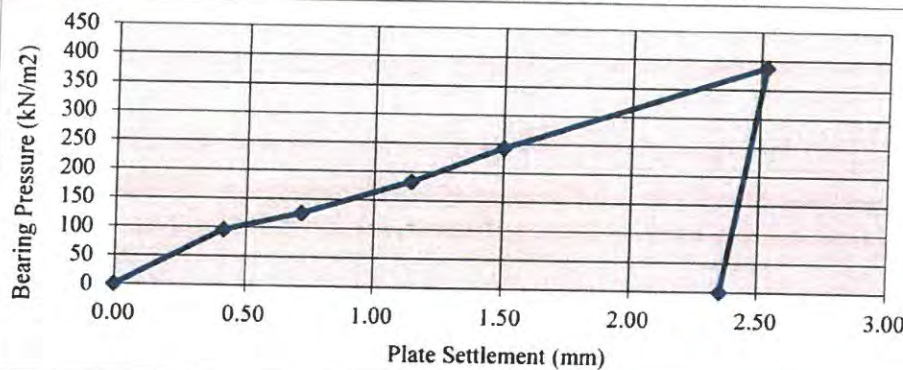




LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Nestles Ave	Job No.	ORD-51218/7
Client :	Henry Construction Projects Ltd	Lab Ref No	ORD-51218/7
	Parkway Farm	Date Tested	12/04/22
	Church Road	Date Reported	13/04/22
	Hounslow, TW5 9RY	Weather Conditions:	OVERCAST
Originator :	Alan		

Location : 23 BLOCK B



Material Type SANDY BALLAST	
Plate Diameter (mm) 450	
Technician FS	
Depth	
Type of Reaction Load 22 TONNE EXC	
Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
95.4	0.42
125.9	0.72
182.3	1.15
243.2	1.50
387.6	2.52
0.0	2.36

Maximum Applied Pressure (kPa) :	388
Maximum deformation (mm) :	2.5
Modulus of subgrade reaction K (MN/m³) :	160.3
K ₇₆₂ (MN/m³) :	99.8
Calculated Equivalent CBR (%) :	28.0
Moisture Content (%) :	N/A

The stated result only relates to the item/location tested, this report shall not be reproduced except in full.

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 K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

M. Harris

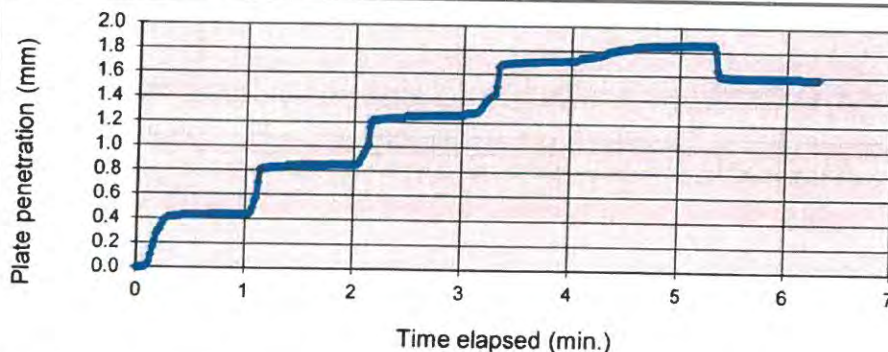
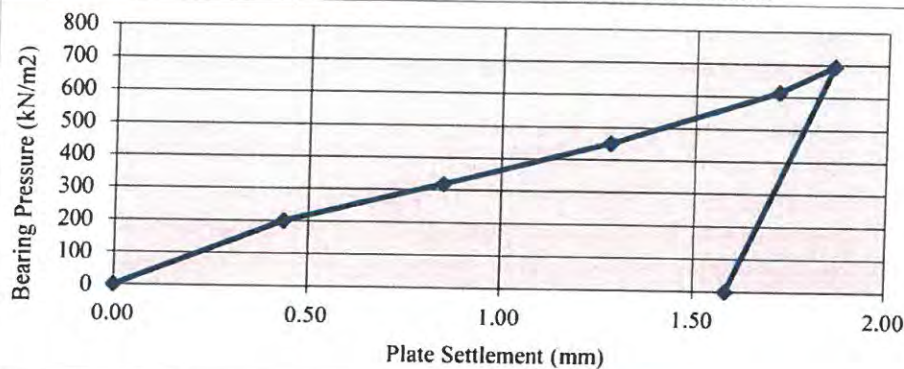
Approved Signature
James Fisher Testing Services
Matthew Harris, Team Leader



LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Hayes Village	Job No.	ORD-67243/2
Client :	Henry Construction Projects	Lab Ref No	ORD-67243/2
	Parkway Farm	Date Tested	20/04/22
	Church Road	Date Reported	25/04/22
	Hounslow, TW5 9RY	Weather Conditions:	SUNNY
Originator :	Alan Gavin		

Location: 22 BLOCK B



Maximum Applied Pressure (kPa) :	694
Maximum deformation (mm) :	1.9
Modulus of subgrade reaction K (MN/m³) :	351.9
K ₇₆₂ (MN/m³) :	219.3
Calculated Equivalent CBR (%) :	>100
Moisture Content (%) :	N/A

Material Type	
6F2	
Plate Diameter (mm)	
450	
Technician	
AM	
Depth	
Type of Reaction Load	
15 TON EXC	
Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
200.0	0.44
318.0	0.85
450.0	1.28
613.0	1.72
694.0	1.86
0.0	1.59
-	-
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-	-
-	-
-	-
-	-
-	-

The stated result only relates to the item/location tested, this report shall not be reproduced except in full.

Incremental Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1.6.4.2: 1990

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

Values K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Withdrawn)

M Harris

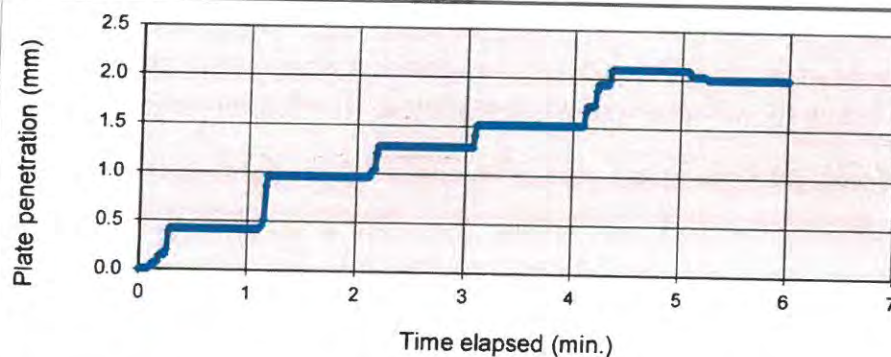
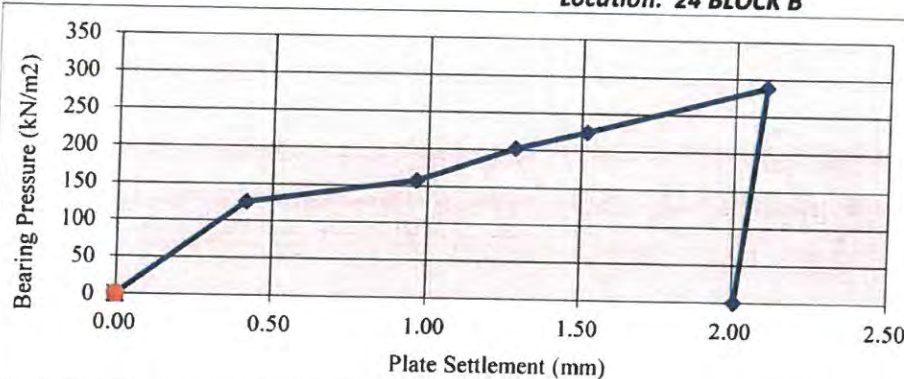
Approved Signature
CMTL Limited
Matthew Harris, Operations lead
RS84B Issue 3 Feb 22



LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Hayes Village	Job No.	ORD-67243/1
Client :	Henry Construction Projects	Lab Ref No	ORD-67243/1
	Parkway Farm	Date Tested	12/04/22
	Church Road	Date Reported	13/04/22
	Hounslow, TW5 9RY	Weather Conditions:	OVERCAST
Originator :	Alan Gavin		

Location: 24 BLOCK B



Maximum Applied Pressure (kPa) :	288
Maximum deformation (mm) :	2.1
Modulus of subgrade reaction K (MN/m³) :	157.4
K₇₆₂ (MN/m³) :	98.1
Calculated Equivalent CBR (%) :	27
Moisture Content (%) :	N/A

Material Type SANDY BALLAST	
Plate Diameter (mm) 450	
Technician FS	
Depth	
Type of Reaction Load 22 TONNE EXC	
Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
125.0	0.42
157.0	0.97
202.0	1.28
225.0	1.52
288.0	2.10
0.0	2.01
-	-
-	-
-	-
-	-
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-	-
-	-

The stated result only relates to the item/location tested, this report shall not be reproduced except in full.
Incremental Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1.6.4.2: 1990
Moisture Content - Tested in accordance with BS 1377: Part 2 : 1990, oven drying method
Values K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Withdrawn)

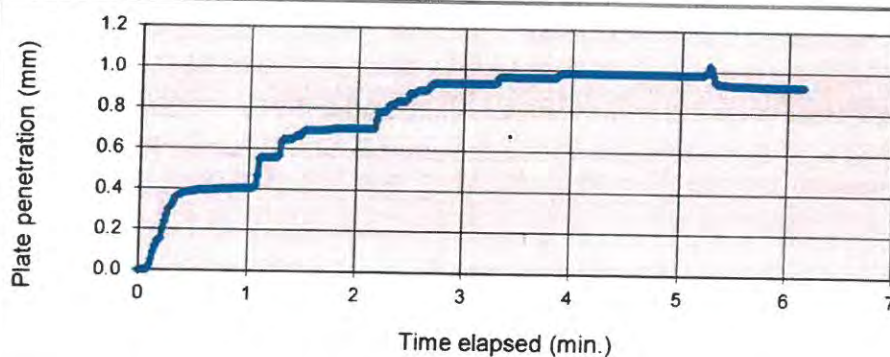
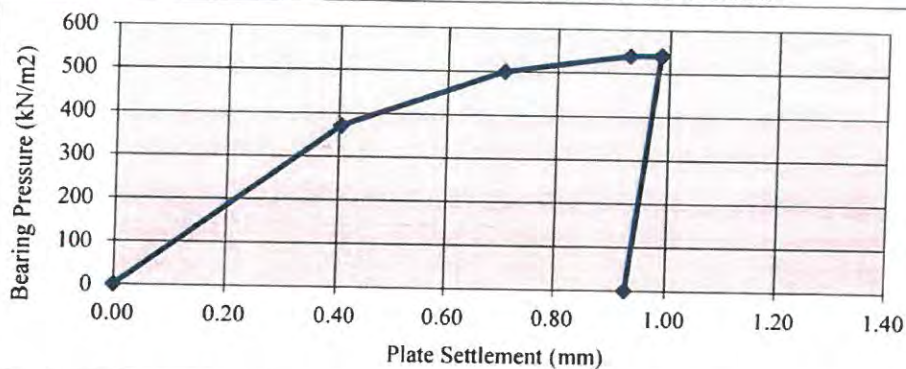
M. Harris
Approved Signature
CMTL Limited
Matthew Harris, Operations lead
RS84B Issue 3 Feb 22



LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Hayes Village	Job No.	ORD-67243/2
Client :	Henry Construction Projects	Lab Ref No	ORD-67243/2
	Parkway Farm	Date Tested	20/04/22
	Church Road	Date Reported	25/04/22
	Hounslow, TW5 9RY	Weather Conditions:	SUNNY
Originator :	Alan Gavin		

Location: 24 BLOCK B



Maximum Applied Pressure (kPa) :	541
Maximum deformation (mm) :	1.0
Modulus of subgrade reaction K (MN/m³) :	548.8
K_{762} (MN/m³) :	341.9
Calculated Equivalent CBR (%) :	>100
Moisture Content (%) :	N/A

Material Type	
6F2	
Plate Diameter (mm)	
450	
Technician	
AM	
Depth	
Type of Reaction Load	
15 TON EXC	
Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
371.0	0.40
500.0	0.70
540.0	0.93
541.0	0.99
541.0	0.98
0.0	0.93
-	-
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-	-
-	-
-	-
-	-
-	-

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Incremental Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1.6.4.2: 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 (Withdrawn)

Approved Signature
CMTL Limited
Matthew Harris, Operations lead

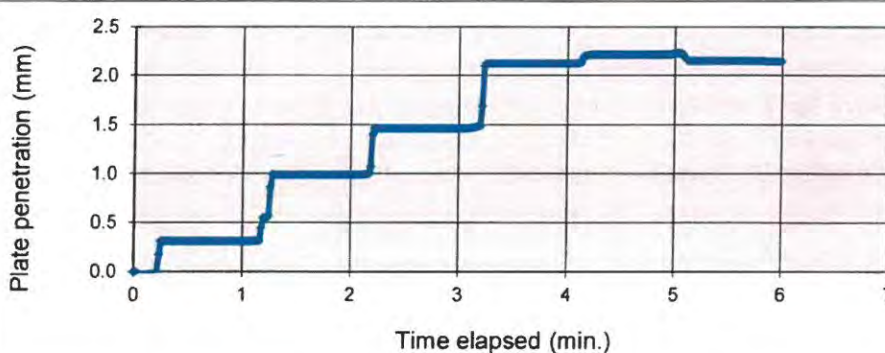
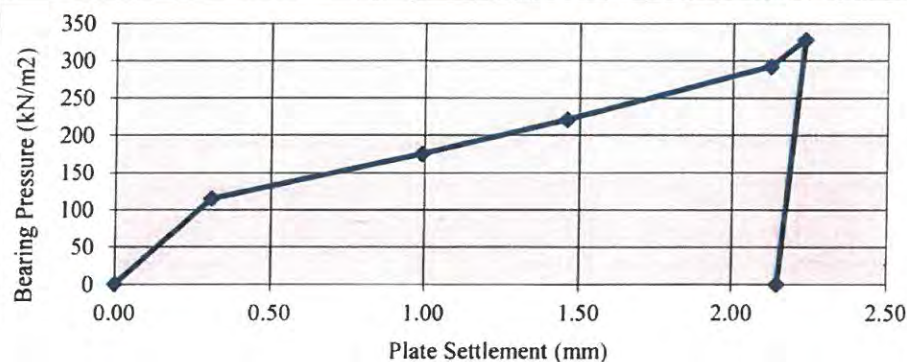
RS84B Issue 3 Feb 22



LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Hayes Village	Job No.	ORD-67243/1
Client :	Henry Construction Projects	Lab Ref No	ORD-67243/1
	Parkway Farm	Date Tested	12/04/22
	Church Road	Date Reported	13/04/22
	Hounslow, TW5 9RY	Weather Conditions:	OVERCAST
Originator :	Alan Gavin		

Location: 27 BLOCK B



Maximum Applied Pressure (kPa) :	328
Maximum deformation (mm) :	2.2
Modulus of subgrade reaction K (MN/m³) :	160.1
K₇₆₂ (MN/m³) :	99.7
Calculated Equivalent CBR (%) :	28
Moisture Content (%) :	N/A

Material Type SANDY BALLAST	
Plate Diameter (mm) 450	
Technician FS	
Depth	
Type of Reaction Load 22 TONNE EXC	
Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
115.0	0.31
175.0	0.99
221.0	1.46
292.0	2.12
328.0	2.23
0.0	2.15
-	-
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The stated result only relates to the item/location tested, this report shall not be reproduced except in full.

Incremental Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1.6.4.2: 1990

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

Values K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Withdrawn)

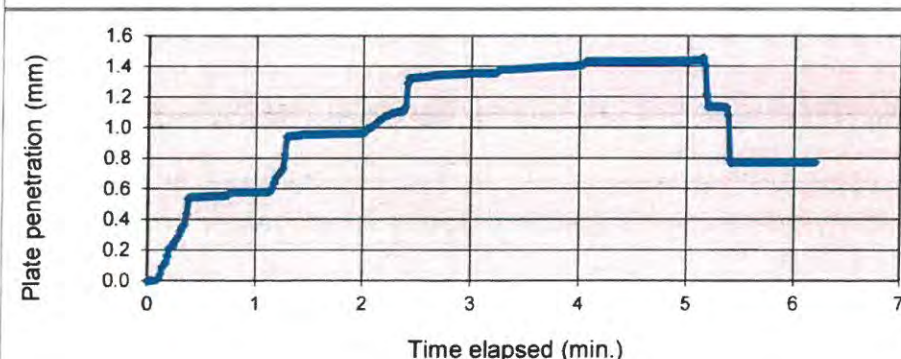
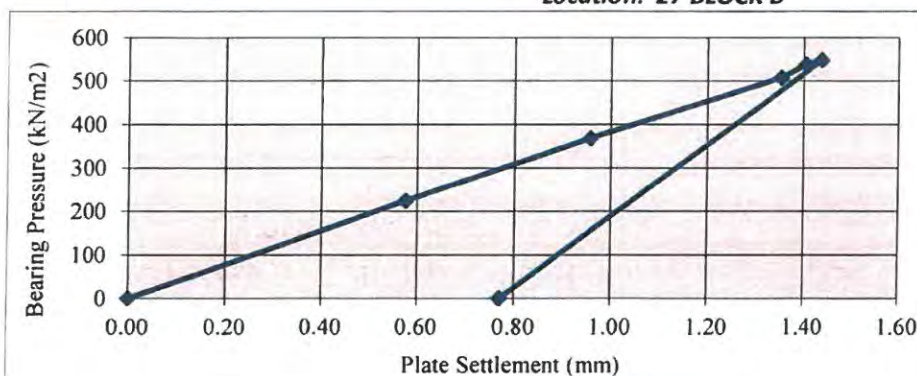
M Harris

Approved Signature
CMTL Limited
Matthew Harris, Operations lead

LABORATORY TEST REPORT
 DETERMINATION OF PLATE BEARING CAPACITY

Project :	Hayes Village	Job No.	ORD-67243/2
Client :	Henry Construction Projects	Lab Ref No	ORD-67243/2
	Parkway Farm	Date Tested	20/04/22
	Church Road	Date Reported	25/04/22
	Hounslow, TW5 9RY	Weather Conditions:	SUNNY
Originator :	Alan Gavin		

Location: 27 BLOCK B



Maximum Applied Pressure (kPa) :	547
Maximum deformation (mm) :	1.4
Modulus of subgrade reaction K (MN/m³) :	376.4
K₇₆₂ (MN/m³) :	234.5
Calculated Equivalent CBR (%) :	>100
Moisture Content (%) :	N/A

Material Type		6F2
Plate Diameter (mm)		450
Technician		AM
Depth		
Type of Reaction Load		15 TON EXC
Bearing Pressure (kN/m²)	Plate Settlement (mm)	
0.0	0.00	
224.0	0.58	
368.0	0.96	
507.0	1.35	
537.0	1.40	
547.0	1.44	
0.0	0.77	
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Incremental Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1.6.4.2: 1990

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

Values K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Withdrawn)

M Harris

Approved Signature
 CMTL Limited
 Matthew Harris, Operations lead

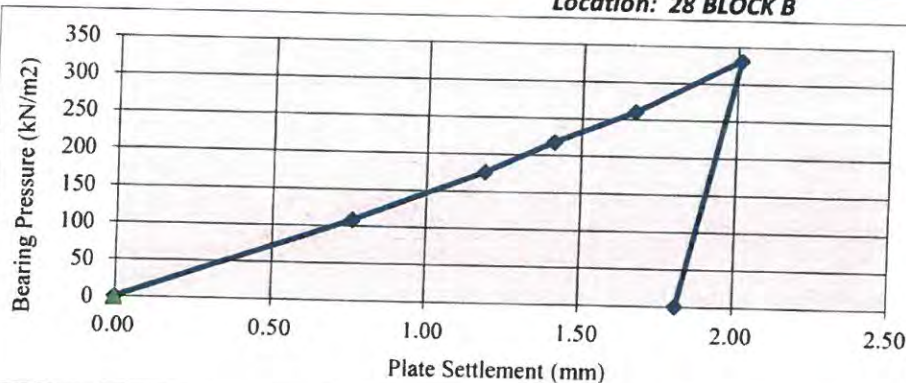
RS84B Issue 3 Feb 22



LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Hayes Village	Job No.	ORD-67243/1
Client :	Henry Construction Projects	Lab Ref No	ORD-67243/1
	Parkway Farm	Date Tested	12/04/22
	Church Road	Date Reported	13/04/22
	Hounslow, TW5 9RY	Weather Conditions:	OVERCAST
Originator :	Alan Gavin		

Location: 28 BLOCK B



Maximum Applied Pressure (kPa) :	331
Maximum deformation (mm) :	2.0
Modulus of subgrade reaction K (MN/m³) :	149.4
K₇₆₂ (MN/m³) :	93.1
Calculated Equivalent CBR (%) :	25
Moisture Content (%) :	N/A

Material Type SANDY BALLAST	
Plate Diameter (mm) 450	
Technician FS	
Depth	
Type of Reaction Load 22 TONNE EXC	
Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
108.0	0.76
176.0	1.19
218.0	1.41
260.0	1.67
331.0	2.01
0.0	1.81
-	-
-	-
-	-
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The stated result only relates to the item/location tested, this report shall not be reproduced except in full.

Incremental Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1.6.4.2: 1990

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

Values K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Withdrawn)

M Harris

Approved Signature
CMTL Limited
Matthew Harris, Operations lead

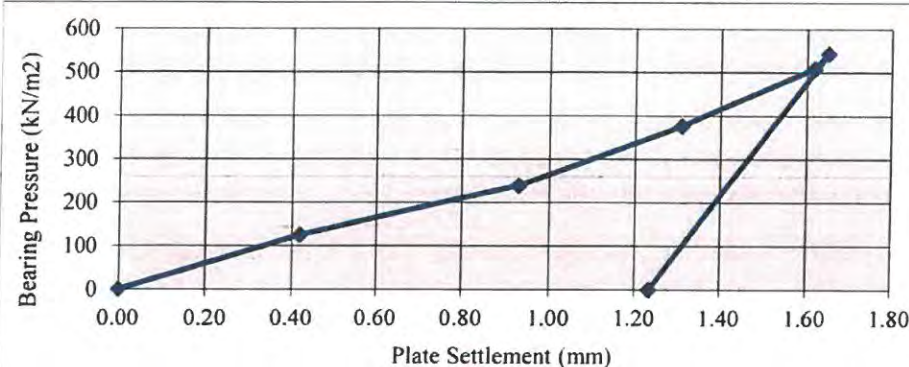
RS84B Issue 3 Feb 22



LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Hayes Village	Job No.	ORD-67243/2
Client :	Henry Construction Projects	Lab Ref No	ORD-67243/2
	Parkway Farm	Date Tested	20/04/22
	Church Road	Date Reported	25/04/22
	Hounslow, TW5 9RY	Weather Conditions:	SUNNY
Originator :	Alan Gavin		

Location: 28 BLOCK B



Maximum Applied Pressure (kPa) :	543
Maximum deformation (mm) :	1.7
Modulus of subgrade reaction K (MN/m³) :	284.5
K₇₆₂ (MN/m³) :	177.3
Calculated Equivalent CBR (%) :	76
Moisture Content (%) :	N/A

Material Type	
6F2	
Plate Diameter (mm)	
450	
Technician	
AM	
Depth	
Type of Reaction Load	
15 TON EXC	
Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
125.0	0.42
239.0	0.93
377.0	1.31
508.0	1.62
543.0	1.65
0.0	1.23
-	-
-	-
-	-
-	-
-	-
-	-
-	-

The stated result only relates to the item/location tested, this report shall not be reproduced except in full.

Incremental Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1.6.4.2: 1990

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

Values K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Withdrawn)

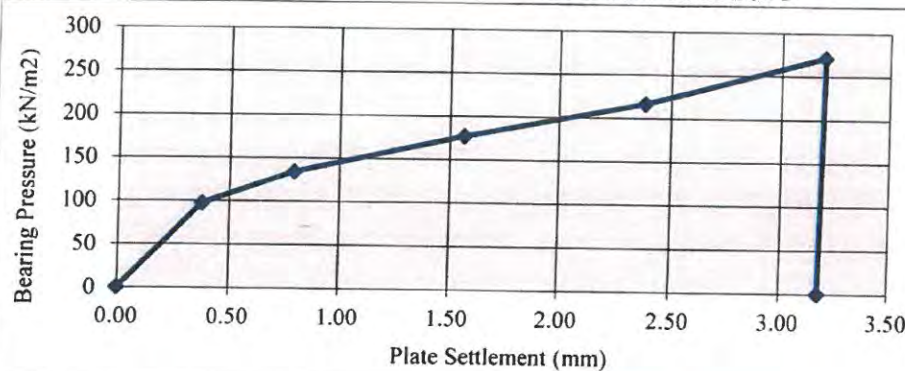
M. Harris
Approved Signature
CMTL Limited
Matthew Harris, Operations lead
RS84B Issue 3 Feb 22



LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Hayes Village	Job No.	ORD-67243/1
Client :	Henry Construction Projects	Lab Ref No	ORD-67243/1
	Parkway Farm	Date Tested	12/04/22
	Church Road	Date Reported	13/04/22
	Hounslow, TW5 9RY	Weather Conditions:	OVERCAST
Originator :	Alan Gavin		

Location: 32 BLOCK B



Maximum Applied Pressure (kPa) :	271
Maximum deformation (mm) :	3.2
Modulus of subgrade reaction K (MN/m³) :	127.8
K₇₆₂ (MN/m³) :	79.6
Calculated Equivalent CBR (%) :	19
Moisture Content (%) :	N/A

Material Type SANDY BALLAST	
Plate Diameter (mm) 450	
Technician FS	
Depth	
Type of Reaction Load 15 TONNE EXC	
Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
97.0	0.37
134.0	0.79
177.0	1.56
216.0	2.39
271.0	3.20
0.0	3.18
-	-
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Incremental Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1.6.4.2: 1990

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

Values K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Withdrawn)

M. Harris

Approved Signature
CMTL Limited
Matthew Harris, Operations lead

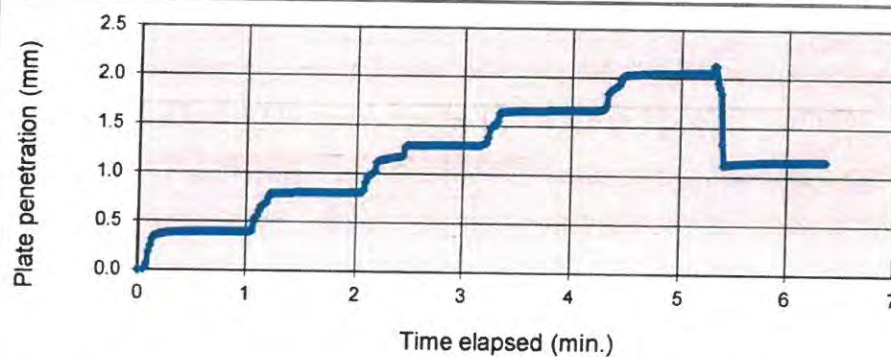
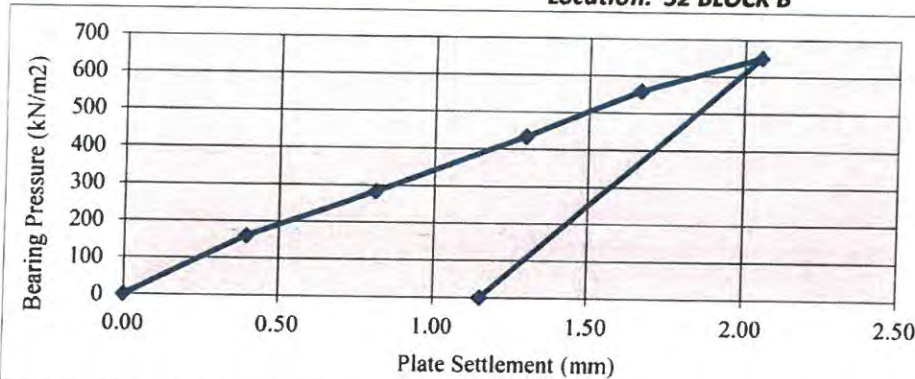
RS84B Issue 3 Feb 22



LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Hayes Village	Job No.	ORD-67243/2
Client :	Henry Construction Projects	Lab Ref No	ORD-67243/2
	Parkway Farm	Date Tested	20/04/22
	Church Road	Date Reported	25/04/22
	Hounslow, TW5 9RY	Weather Conditions:	SUNNY
Originator :	Alan Gavin		

Location: 32 BLOCK B



Maximum Applied Pressure (kPa) :	650
Maximum deformation (mm) :	2.1
Modulus of subgrade reaction K (MN/m³) :	334.5
K₇₆₂ (MN/m³) :	208.4
Calculated Equivalent CBR (%) :	>100
Moisture Content (%) :	N/A

Material Type	
6F2	
Plate Diameter (mm)	
450	
Technician	
AM	
Depth	
Type of Reaction Load	
15 TON EXC	
Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
160.0	0.40
282.0	0.81
433.0	1.30
558.0	1.66
650.0	2.06
0.0	1.16
-	-
-	-
-	-
-	-
-	-
-	-
-	-

The stated result only relates to the item/location tested, this report shall not be reproduced except in full.

Incremental Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1.6.4.2: 1990

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

Values K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Withdrawn)

Approved Signature
CMTL Limited
Matthew Harris, Operations lead

RS84B Issue 3 Feb 22

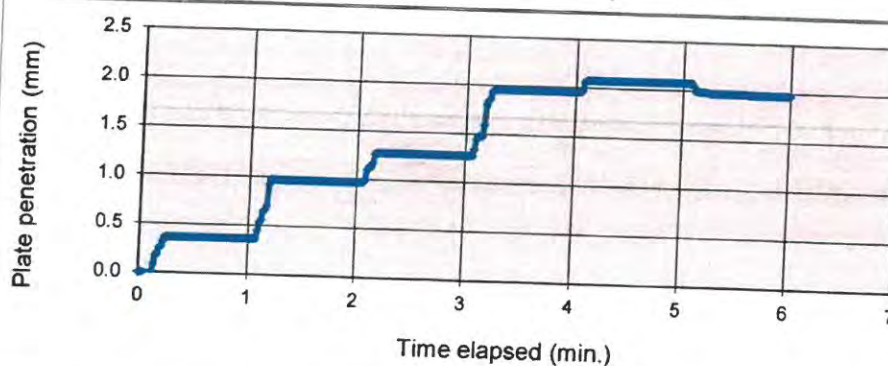
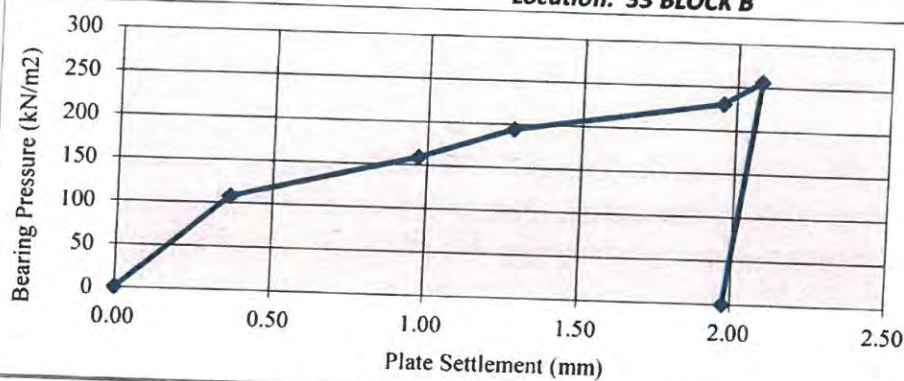


LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project : Hayes Village
Client : Henry Construction Projects
Parkway Farm
Church Road
Hounslow, TW5 9RY
Originator : Alan Gavin

Job No. ORD-67243/1
Lab Ref No ORD-67243/1
Date Tested 12/04/22
Date Reported 13/04/22
Weather Conditions: OVERCAST

Location: 33 BLOCK B



Maximum Applied Pressure (kPa) : 256
Maximum deformation (mm) : 2.1
Modulus of subgrade reaction K (MN/m³) : 152.6
 K_{762} (MN/m³) : 95.0
Calculated Equivalent CBR (%) : 26
Moisture Content (%) : N/A

Material Type SANDY BALLAST	
Plate Diameter (mm) 450	
Technician FS	
Depth	
Type of Reaction Load 15 TONNE EXC	
Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
108.0	0.36
159.0	0.97
194.0	1.28
230.0	1.96
256.0	2.08
0.0	1.97
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-

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Incremental Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1.6.4.2: 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 (Withdrawn)

M. Harris

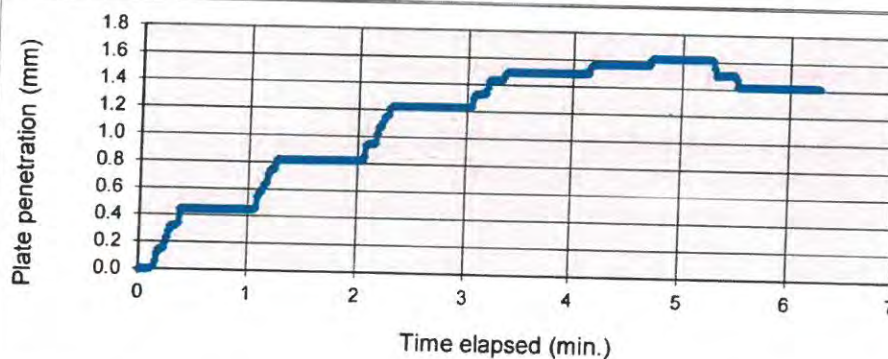
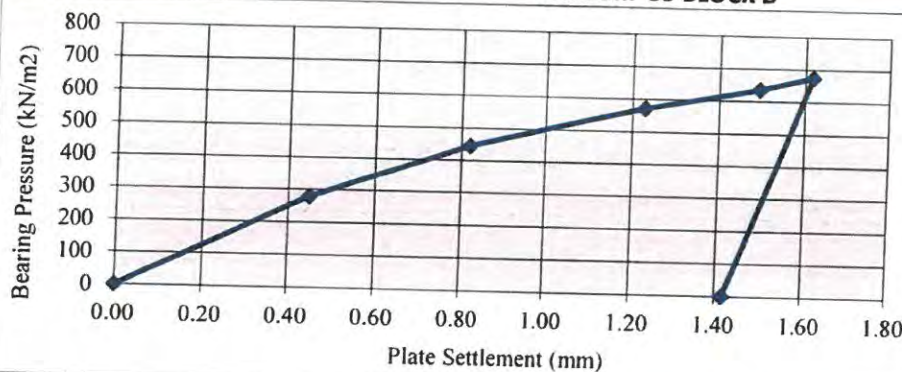
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Matthew Harris, Operations lead
RS84B Issue 3 Feb 22



LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Hayes Village	Job No.	ORD-67243/2
Client :	Henry Construction Projects	Lab Ref No	ORD-67243/2
	Parkway Farm	Date Tested	20/04/22
	Church Road	Date Reported	25/04/22
	Hounslow, TW5 9RY	Weather Conditions:	SUNNY
Originator :	Alan Gavin		

Location: 33 BLOCK B



Maximum Applied Pressure (kPa) :	673
Maximum deformation (mm) :	1.6
Modulus of subgrade reaction K (MN/m³) :	460.6
K₇₆₂ (MN/m³) :	287.0
Calculated Equivalent CBR (%) :	>100
Moisture Content (%) :	N/A

Material Type		6F2
Plate Diameter (mm)		450
Technician		AM
Depth		
Type of Reaction Load		15 TON EXC
Bearing Pressure (kN/m²)	Plate Settlement (mm)	
0.0	0.00	
279.0	0.45	
445.0	0.82	
571.0	1.23	
635.0	1.49	
673.0	1.62	
0.0	1.42	
-	-	
-	-	
-	-	
-	-	
-	-	
-	-	
-	-	

The stated result only relates to the item/location tested, this report shall not be reproduced except in full.
Incremental Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1.6.4.2: 1990
Moisture Content - Tested in accordance with BS 1377: Part 2 : 1990, oven drying method
Values K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Withdrawn)

Approved Signature
CMTL Limited
Matthew Harris, Operations lead
RS84B Issue 3 Feb 22



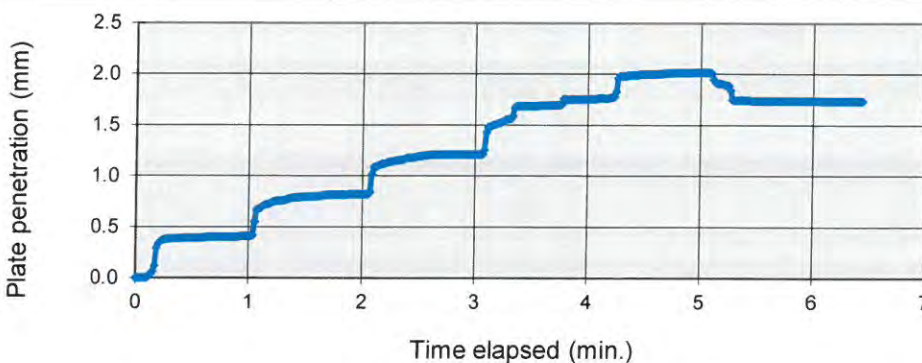
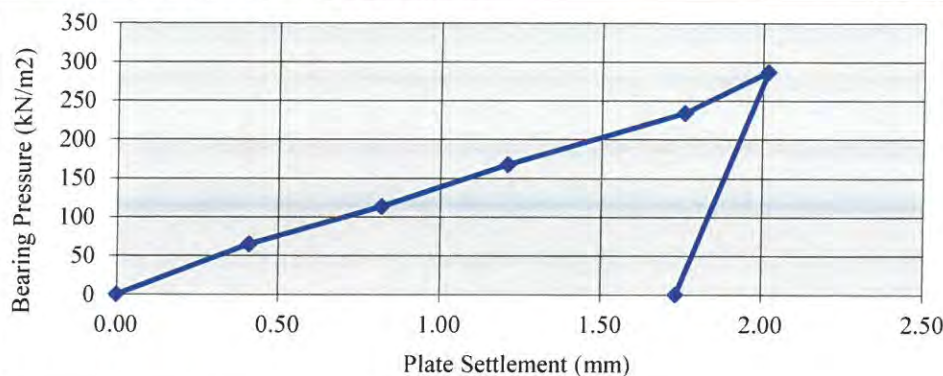


LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Nestles Ave	Job No.	ORD-51218/10
Client :	Henry Construction Projects Ltd	Lab Ref No	ORD-51218/10
	Parkway Farm	Date Tested	28/03/22
	Church Road	Date Reported	28/03/22
	Hounslow, TW5 9RY	Weather Conditions:	OVERCAST
Originator :	Alan		

Location : 4 BLOCK B BASEMENT

Test No. HEN 4



Material Type
Sandy Ballast

Plate Diameter (mm)
450

Technician
AM

Depth

Type of Reaction Load
4 BLOCK B BASEMENT

Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
65.0	0.41
113.4	0.82
167.6	1.21
234.0	1.76
287.1	2.02
0.0	1.73

Maximum Applied Pressure (kPa) :	287
Maximum deformation (mm) :	2.0
Modulus of subgrade reaction K (MN/m³) :	137.9
K ₇₆₂ (MN/m³) :	85.9
Calculated Equivalent CBR (%) :	22.0
Moisture Content (%) :	N/A

The stated result only relates to the item/location tested, this report shall not be reproduced except in full.

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 K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

M. Harris

Approved Signature
James Fisher Testing Services
Matthew Harris, Team Leader



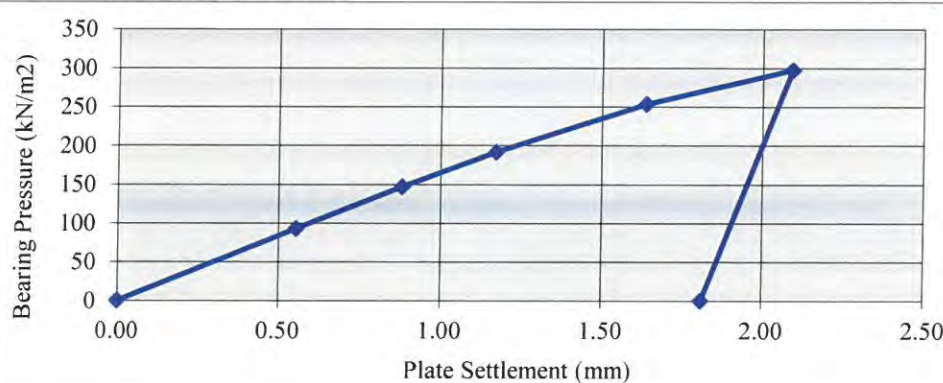


LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Nestles Ave	Job No.	ORD-51218/10
Client :	Henry Construction Projects Ltd	Lab Ref No	ORD-51218/10
	Parkway Farm	Date Tested	31/03/22
	Church Road	Date Reported	31/03/22
	Hounslow, TW5 9RY	Weather Conditions:	OVERCAST
Originator :	Alan		

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 BASEMENT	
Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
92.9	0.55
146.7	0.88
191.6	1.17
253.6	1.64
297.4	2.09
0.0	1.81

Maximum Applied Pressure (kPa) : 297
Maximum deformation (mm) : 2.1
Modulus of subgrade reaction K (MN/m³) : 161.5
K₇₆₂ (MN/m³) : 100.6
Calculated Equivalent CBR (%) : 29.0
Moisture Content (%) : N/A

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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 K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

M Harris

Approved Signature
James Fisher Testing Services
Matthew Harris, Team Leader



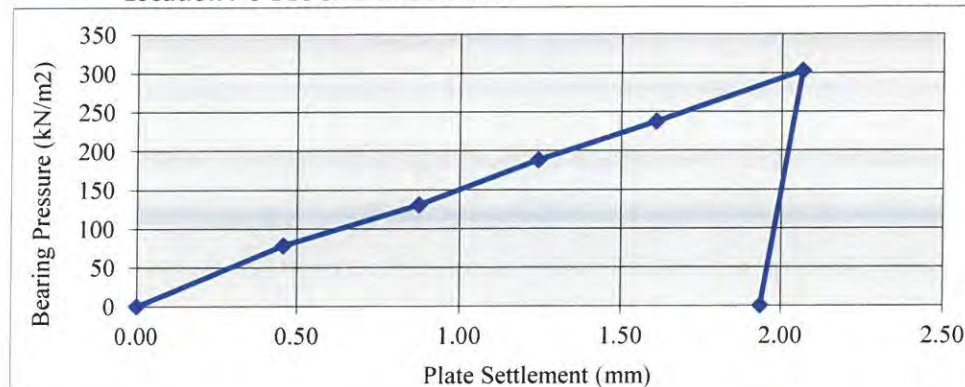


LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Nestles Ave	Job No.	ORD-51218/10
Client :	Henry Construction Projects Ltd	Lab Ref No	ORD-51218/10
	Parkway Farm	Date Tested	28/03/22
	Church Road	Date Reported	28/03/22
	Hounslow, TW5 9RY	Weather Conditions:	OVERCAST
Originator :	Alan		

Location : 9 BLOCK B BASEMENT

Test No. HEN 9



Material Type Sandy Ballast	
Plate Diameter (mm) 450	
Technician AM	
Depth	
Type of Reaction Load 9 BLOCK B BASEMENT	
Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
78.0	0.46
130.1	0.88
188.1	1.25
237.4	1.61
302.4	2.06
0.0	1.94

Maximum Applied Pressure (kPa) : 302
Maximum deformation (mm) : 2.1
Modulus of subgrade reaction K (MN/m³) : 151.0
K₇₆₂ (MN/m³) : 94.1
Calculated Equivalent CBR (%) : 25.0
Moisture Content (%) : N/A

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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 K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

M. Harris

Approved Signature
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Matthew Harris, Team Leader



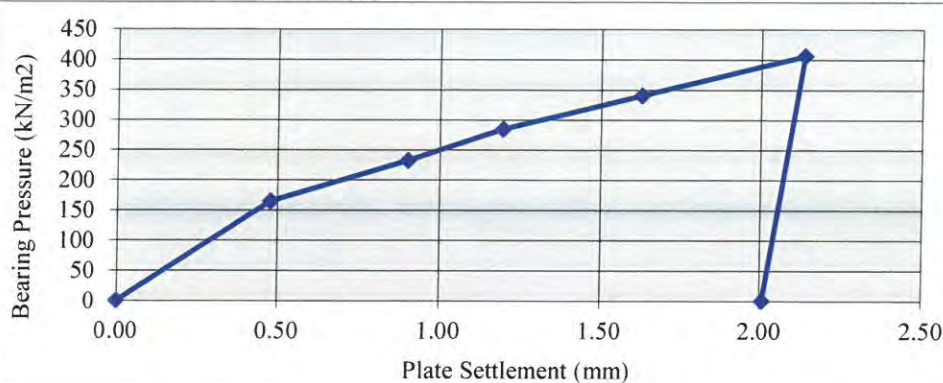


LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Nestles Ave	Job No.	ORD-51218/10
Client :	Henry Construction Projects Ltd	Lab Ref No	ORD-51218/10
	Parkway Farm	Date Tested	31/03/22
	Church Road	Date Reported	31/03/22
	Hounslow, TW5 9RY	Weather Conditions:	OVERCAST
Originator :	Alan		

Location : 9 BLOCK B BASEMENT

Test No. HEN 9



Material Type	
6F2	
Plate Diameter (mm)	
450	
Technician	
AM	
Depth	
Type of Reaction Load	
9 BLOCK B BASEMENT	
Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
164.6	0.48
232.5	0.90
284.8	1.20
340.4	1.63
405.8	2.13
0.0	2.01

Maximum Applied Pressure (kPa) : 406
Maximum deformation (mm) : 2.1
Modulus of subgrade reaction K (MN/m³) : 233.4
K₇₆₂ (MN/m³) : 145.4
Calculated Equivalent CBR (%) : 54.0
Moisture Content (%) : N/A

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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 K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

M. Harris

Approved Signature
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Matthew Harris, Team Leader



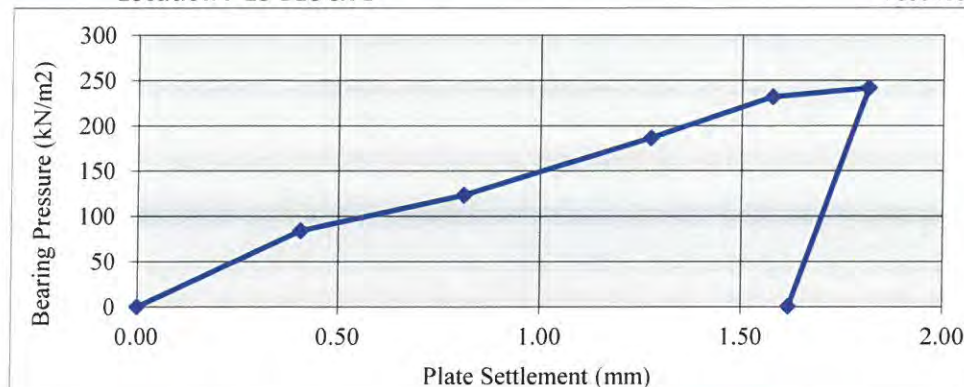


LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Nestles Ave	Job No.	ORD-51218/10
Client :	Henry Construction Projects Ltd	Lab Ref No	ORD-51218/10
	Parkway Farm	Date Tested	28/03/22
	Church Road	Date Reported	28/03/22
	Hounslow, TW5 9RY	Weather Conditions:	OVERCAST
Originator :	Alan		

Location : 15 BLOCK B

Test No. HEN 15



Material Type Sandy Ballast	
Plate Diameter (mm) 450	
Technician AM	
Depth	
Type of Reaction Load 15 BLOCK B BASEMENT	
Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
84.0	0.41
123.5	0.81
186.5	1.27
231.6	1.58
241.5	1.82
0.0	1.62

Maximum Applied Pressure (kPa) : 241
Maximum deformation (mm) : 1.8
Modulus of subgrade reaction K (MN/m³) : 146.8
K₇₆₂ (MN/m³) : 91.5
Calculated Equivalent CBR (%) : 24.0
Moisture Content (%) : N/A

The stated result only relates to the item/location tested, this report shall not be reproduced except in full.

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 K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

M Harris

Approved Signature
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Matthew Harris, Team Leader



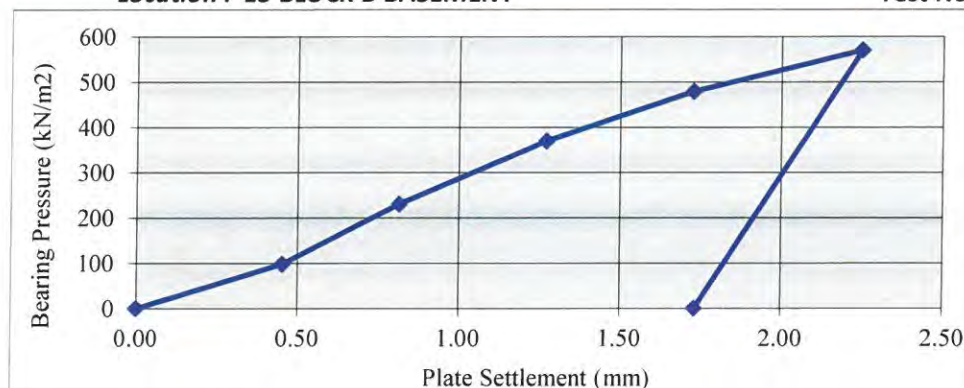


LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Nestles Ave	Job No.	ORD-51218/10
Client :	Henry Construction Projects Ltd	Lab Ref No	ORD-51218/10
	Parkway Farm	Date Tested	31/03/22
	Church Road	Date Reported	31/03/22
	Hounslow, TW5 9RY	Weather Conditions:	OVERCAST
Originator :	Alan		

Location : 15 BLOCK B BASEMENT

Test No. HEN 15



Material Type	
6F2	
Plate Diameter (mm)	
450	
Technician	
AM	
Depth	
Type of Reaction Load	
15 BLOCK B BASEMENT	
Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
97.8	0.45
230.4	0.82
369.3	1.27
479.3	1.73
569.9	2.25
0.0	1.73

Maximum Applied Pressure (kPa) : 570
Maximum deformation (mm) : 2.3
Modulus of subgrade reaction K (MN/m³) : 290.3
K₇₆₂ (MN/m³) : 180.9
Calculated Equivalent CBR (%) : 79.0
Moisture Content (%) : N/A

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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 K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

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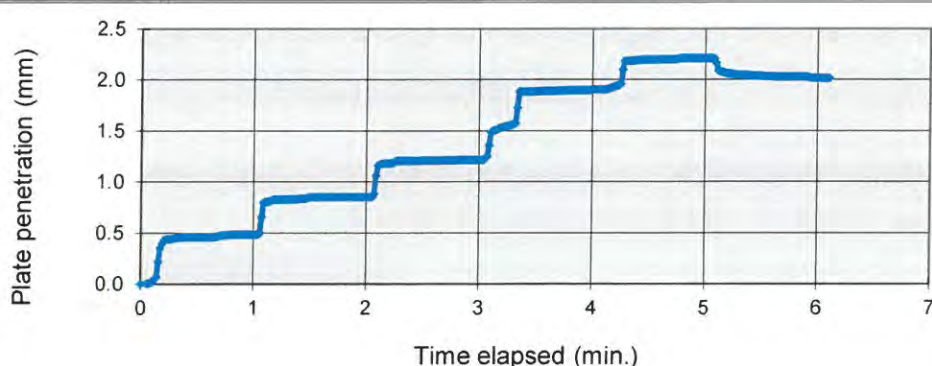
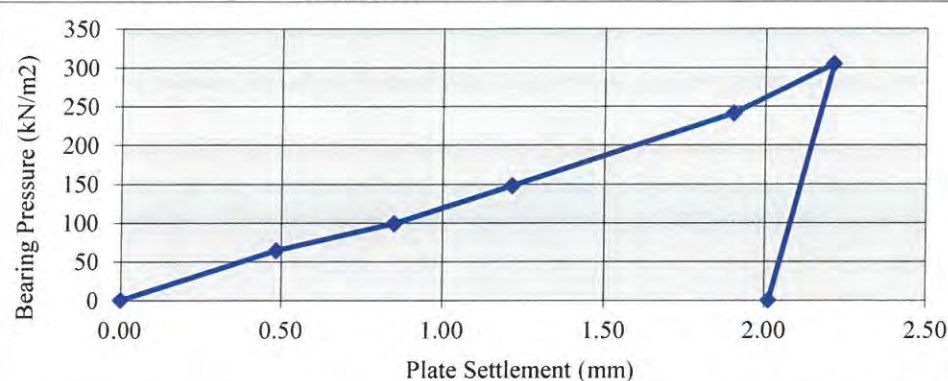


LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Nestles Ave	Job No.	ORD-51218/10
Client :	Henry Construction Projects Ltd	Lab Ref No	ORD-51218/10
	Parkway Farm	Date Tested	31/03/22
	Church Road	Date Reported	31/03/22
	Hounslow, TW5 9RY	Weather Conditions:	OVERCAST
Originator :	Alan		

Location : 20 BLOCK B BASEMENT

Test No. HEN 20



Material Type Sandy Ballast	
Plate Diameter (mm) 450	
Technician AM	
Depth	
Type of Reaction Load 20 BLOCK B BASEMENT	
Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
64.2	0.48
98.9	0.85
147.6	1.21
241.1	1.90
304.2	2.21
0.0	2.01

Maximum Applied Pressure (kPa) :	304
Maximum deformation (mm) :	2.2
Modulus of subgrade reaction K (MN/m³) :	122.0
K₇₆₂ (MN/m³) :	76.0
Calculated Equivalent CBR (%) :	18.0
Moisture Content (%) :	N/A

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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 K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

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Matthew Harris, Team Leader



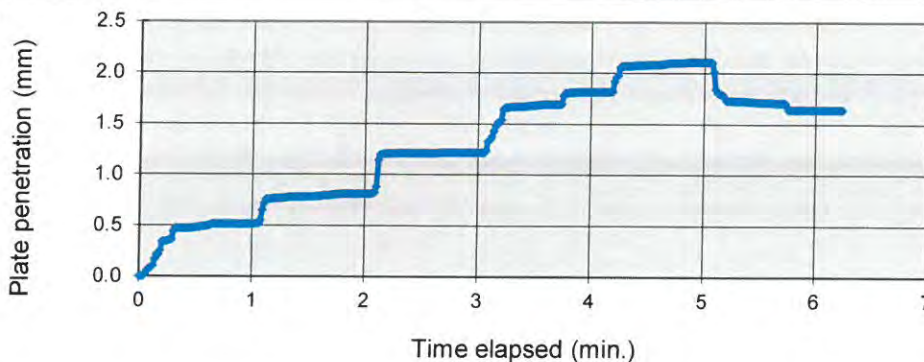
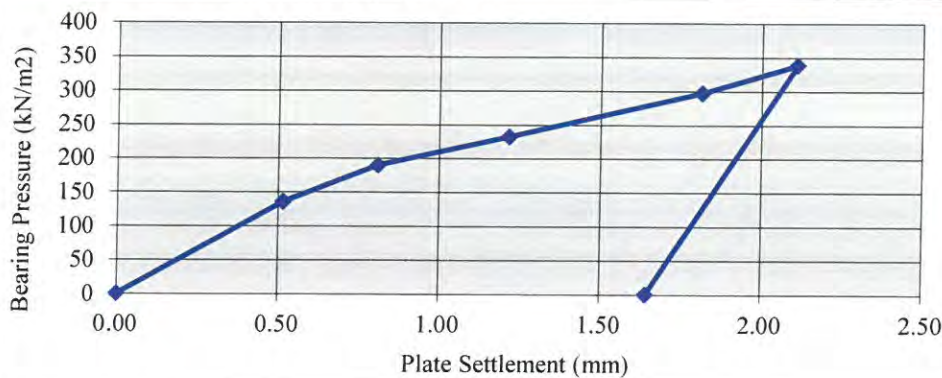


LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Nestles Ave	Job No.	ORD-51218/10
Client :	Henry Construction Projects Ltd	Lab Ref No	ORD-51218/10
	Parkway Farm	Date Tested	05/04/22
	Church Road	Date Reported	05/04/22
	Hounslow, TW5 9RY	Weather Conditions:	OVERCAST
Originator :	Alan		

Location : 20 BLOCK B BASEMENT

Test No. HEN 20



Material Type

6F2

Plate Diameter (mm)

450

Technician

AM

Depth

Type of Reaction Load

20 BLOCK B BASEMENT

Bearing
Pressure
(kN/m²)

Plate
Settlement
(mm)

0.0

0.00

135.6

0.51

189.9

0.81

232.4

1.21

296.6

1.81

338.2

2.11

0.0

1.64

Maximum Applied Pressure (kPa) :	338
Maximum deformation (mm) :	2.1
Modulus of subgrade reaction K (MN/m³) :	188.9
K ₇₆₂ (MN/m³) :	117.7
Calculated Equivalent CBR (%) :	37.0
Moisture Content (%) :	N/A

The stated result only relates to the item/location tested, this report shall not be reproduced except in full.

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 K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

M. Harris

Approved Signature
James Fisher Testing Services
Matthew Harris, Team Leader



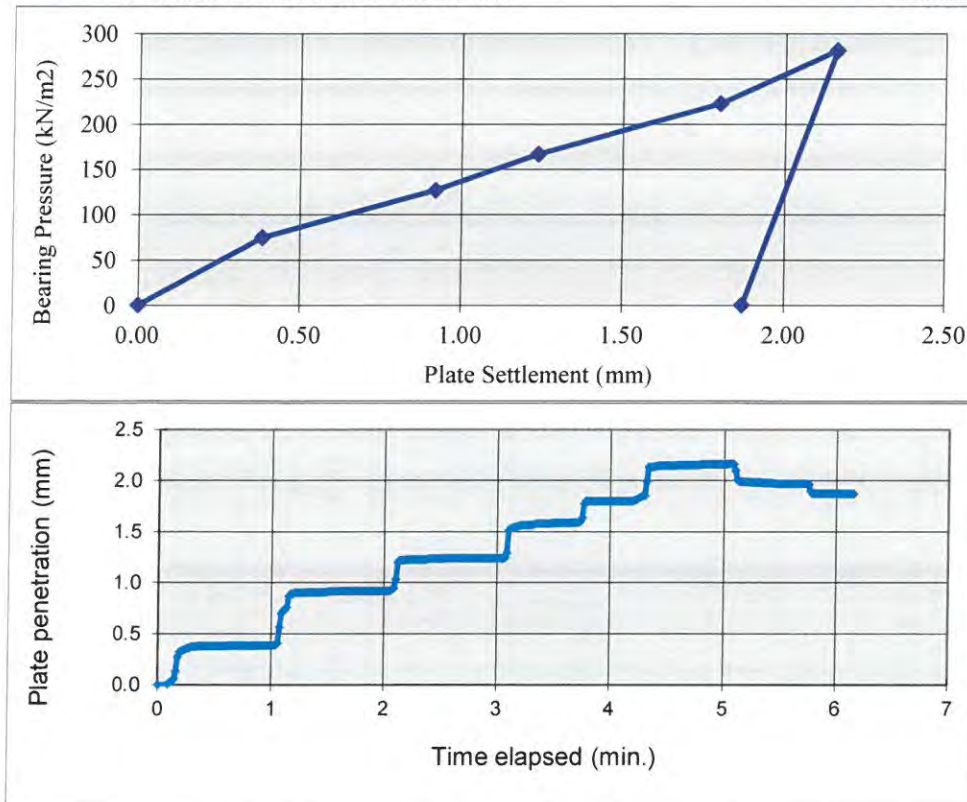


LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Nestles Ave	Job No.	ORD-51218/10
Client :	Henry Construction Projects Ltd	Lab Ref No	ORD-51218/10
	Parkway Farm	Date Tested	31/03/22
	Church Road	Date Reported	31/03/22
	Hounslow, TW5 9RY	Weather Conditions:	OVERCAST
Originator :	Alan		

Location : 25 BLOCK B BASEMENT

Test No. HEN 25



Material Type Sandy Ballast	
Plate Diameter (mm) 450	
Technician AM	
Depth	
Type of Reaction Load 25 BLOCK B BASEMENT	
Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
74.6	0.38
126.7	0.92
166.9	1.24
222.3	1.80
280.9	2.16
0.0	1.87

Maximum Applied Pressure (kPa) : 281
Maximum deformation (mm) : 2.2
Modulus of subgrade reaction K (MN/m³) : 134.5
K₇₆₂ (MN/m³) : 83.8
Calculated Equivalent CBR (%) : 21.0
Moisture Content (%) : N/A

The stated result only relates to the item/location tested, this report shall not be reproduced except in full.

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 K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

M. Harris

Approved Signature
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Matthew Harris, Team Leader



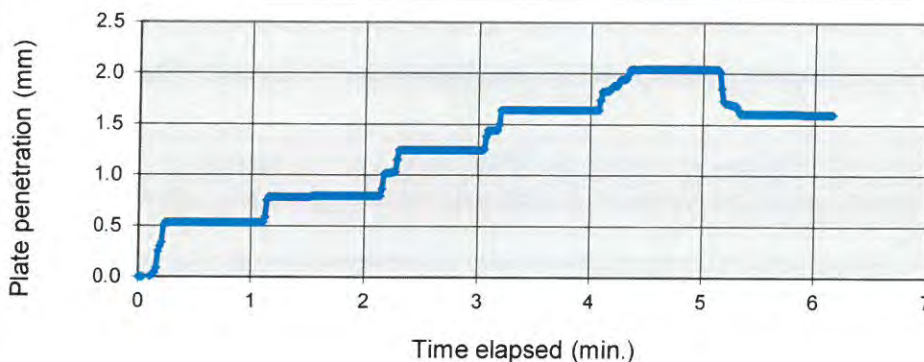
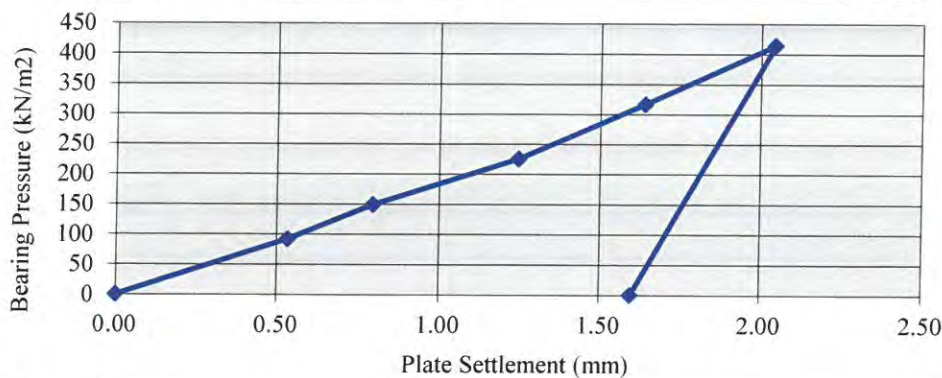


LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Nestles Ave	Job No.	ORD-51218/10
Client :	Henry Construction Projects Ltd	Lab Ref No	ORD-51218/10
	Parkway Farm	Date Tested	05/04/22
	Church Road	Date Reported	05/04/22
	Hounslow, TW5 9RY	Weather Conditions:	OVERCAST
Originator :	Alan		

Location : 25 BLOCK B BASEMENT

Test No. HEN 25



Material Type

6F2

Plate Diameter (mm)

450

Technician

AM

Depth

Type of Reaction Load

25 BLOCK B BASEMENT

Bearing
Pressure
(kN/m²)

Plate
Settlement
(mm)

0.0

0.00

92.0

0.53

149.1

0.80

225.5

1.25

316.1

1.64

413.7

2.04

0.0

1.60

Maximum Applied Pressure (kPa) :	414
Maximum deformation (mm) :	2.0
Modulus of subgrade reaction K (MN/m³) :	181.2
K₇₆₂ (MN/m³) :	112.9
Calculated Equivalent CBR (%) :	35.0
Moisture Content (%) :	N/A

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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 K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Draft HD25)

M. Harris

Approved Signature

James Fisher Testing Services

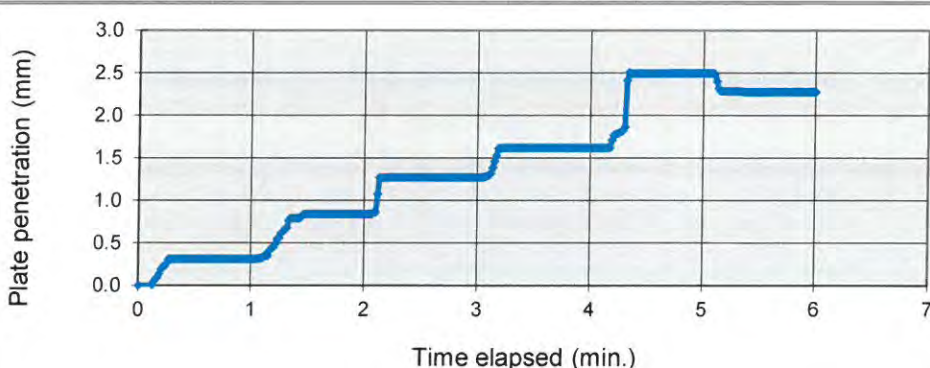
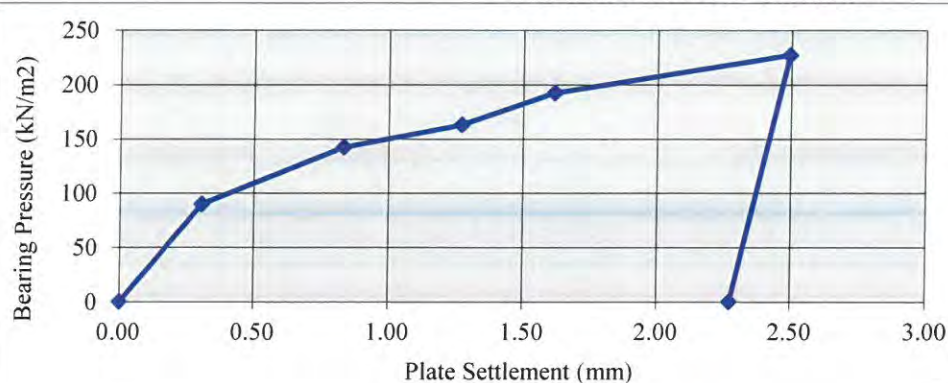
Matthew Harris, Team Leader



LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Hayes Village	Job No.	ORD-67243/1
Client :	Henry Construction Projects	Lab Ref No	ORD-67243/1
	Parkway Farm	Date Tested	05/05/22
	Church Road	Date Reported	05/05/22
	Hounslow, TW5 9RY	Weather Conditions:	OVERCAST
Originator :	Alan Gavin		

Location: 5 BLOCK B BASEMENT



Maximum Applied Pressure (kPa) :	227
Maximum deformation (mm) :	2.5
Modulus of subgrade reaction K (MN/m³) :	129.7
K₇₆₂ (MN/m³) :	80.8
Calculated Equivalent CBR (%) :	20
Moisture Content (%) :	N/A

Material Type Sandy Ballast	
Plate Diameter (mm) 450	
Technician FS	
Depth	
Type of Reaction Load 22 TONNE EXC	
Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
90.0	0.31
142.0	0.83
163.0	1.27
192.0	1.62
227.0	2.49
0.0	2.27
-	-
-	-
-	-
-	-
-	-
-	-
-	-

The stated result only relates to the item/location tested, this report shall not be reproduced except in full.

Incremental Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1.6.4.2: 1990

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

Values K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Withdrawn)

M Harris

Approved Signature
CMTL Limited
Matthew Harris, Operations lead

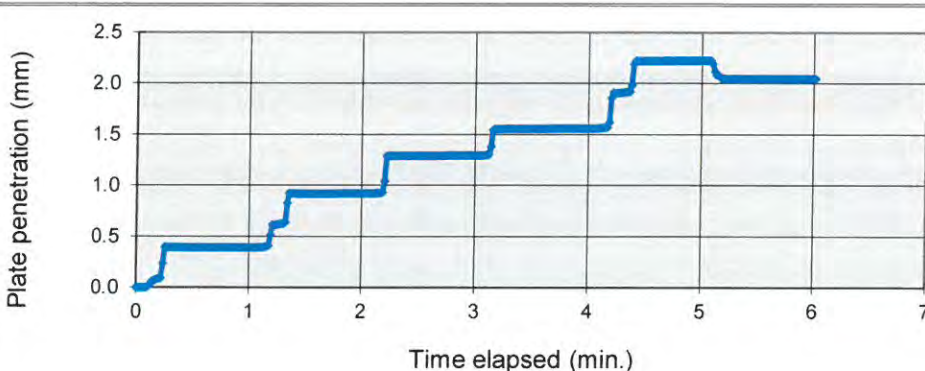
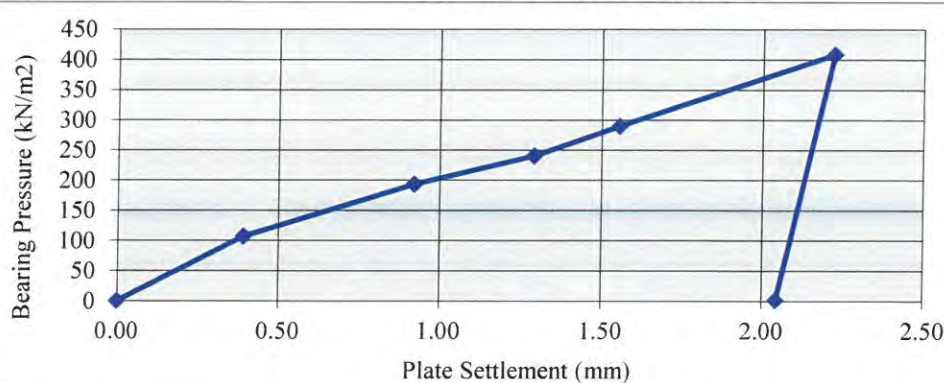
RS848 Issue 3 Feb 22



LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Hayes Village	Job No.	ORD-67243/1
Client :	Henry Construction Projects	Lab Ref No	ORD-67243/1
	Parkway Farm	Date Tested	09/05/22
	Church Road	Date Reported	09/05/22
	Hounslow, TW5 9RY	Weather Conditions:	OVERCAST
Originator :	Alan Gavin		

Location: 5 Block B Basement



Maximum Applied Pressure (kPa) :	408
Maximum deformation (mm) :	2.2
Modulus of subgrade reaction K (MN/m³) :	188.2
K₇₆₂ (MN/m³) :	117.3
Calculated Equivalent CBR (%) :	37
Moisture Content (%) :	N/A

Material Type	
6F2	
Plate Diameter (mm)	
450	
Technician	
FS	
Depth	
Type of Reaction Load	
22 TONNE EXC	
Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
107.0	0.39
193.0	0.92
240.0	1.29
289.0	1.55
408.0	2.22
1.0	2.04
-	-
-	-
-	-
-	-
-	-
-	-
-	-

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Incremental Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1.6.4.2: 1990

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

Values K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Withdrawn)

M Harris

Approved Signature
CMTL Limited
Matthew Harris, Operations lead

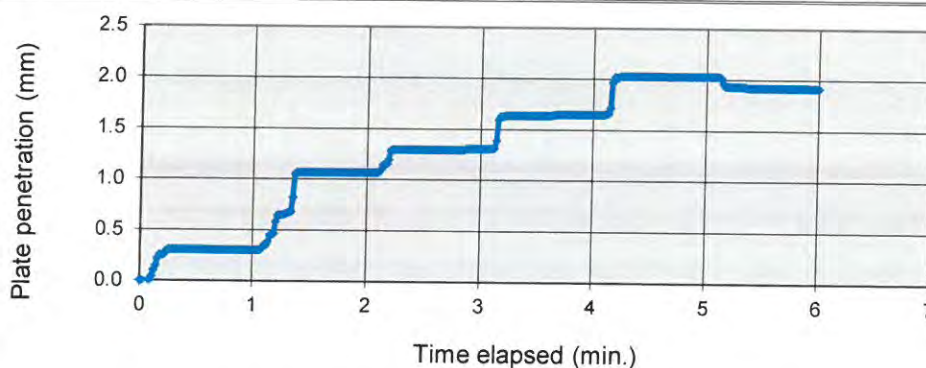
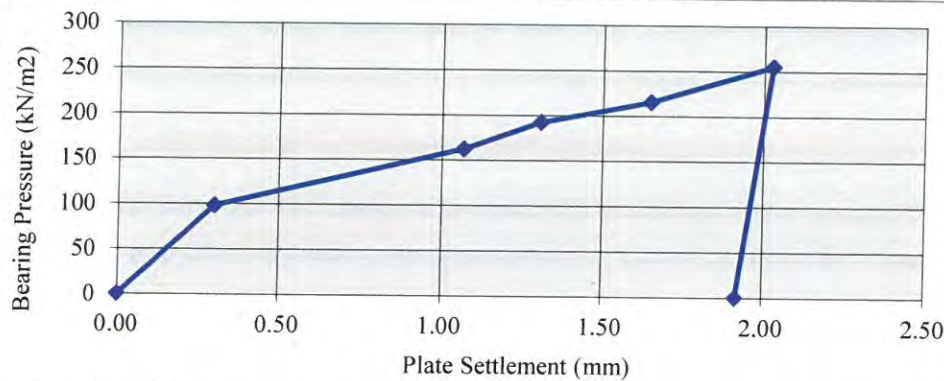
RS848 Issue 3 Feb 22



LABORATORY TEST REPORT
DETERMINATION OF PLATE BEARING CAPACITY

Project :	Hayes Village	Job No.	ORD-67243/1
Client :	Henry Construction Projects	Lab Ref No	ORD-67243/1
	Parkway Farm	Date Tested	05/05/22
	Church Road	Date Reported	05/05/22
	Hounslow, TW5 9RY	Weather Conditions:	OVERCAST
Originator :	Alan Gavin		

Location: 10 Block B Basement



Maximum Applied Pressure (kPa) :	255
Maximum deformation (mm) :	2.0
Modulus of subgrade reaction K (MN/m³) :	147.8
K₇₆₂ (MN/m³) :	92.1
Calculated Equivalent CBR (%) :	24
Moisture Content (%) :	N/A

Material Type Sandy Ballast	
Plate Diameter (mm) 450	
Technician FS	
Depth	
Type of Reaction Load 22 TONNE EXC	
Bearing Pressure (kN/m²)	Plate Settlement (mm)
0.0	0.00
98.0	0.30
162.0	1.07
192.0	1.31
215.0	1.65
255.0	2.03
0.0	1.92
-	-
-	-
-	-
-	-
-	-
-	-
-	-

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Incremental Plate Load - Tested in accordance with BS 1377 : Part 9 Cl. 4.1.6.4.2: 1990

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

Values K₇₆₂, K and CBR(%) calculated in accordance with Interim Advice Note 73/06 (Withdrawn)



Approved Signature
CMTL Limited
Matthew Harris, Operations lead

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