

SUB SURFACE SITE INVESTIGATION SPECIALISTS, GEOTECHNICAL & ENVIRONMENTAL CONSULTANTS 3 Peel Street, Preston, Lancashire, PR2 2QS. Tel: (01772) 561135 Fax: (01772) 204907		Insitu Test Results																							
Site: 325 DEANS_GATE, MANCHESTER, M3 4LQ		Job Number: 7789																							
Client: ASSURED CMS LTD		Sheet: 1 / 3																							
Engineer:																									
PLATE BEARING TEST																									
Date: 11/08/23 Position: PBT01 Sample No/ Type: N/A Depth (m): 0.00																									
Plate Size: 300mm																									
Description: MADE GROUND: dark brown very sandy fine to coarse gravel sized fragments of brick and stone with high cobble sized fragments of brick and stone																									
Summary of Results:																									
Time Settlement Relationship. Elapsed Time (min) Settlement (mm) <table><thead><tr><th>Load (kN/m²)</th><th>Settlement (mm)</th></tr></thead><tbody><tr><td>10</td><td>0.000</td></tr><tr><td>89</td><td>1.067</td></tr><tr><td>169</td><td>1.600</td></tr><tr><td>248</td><td>2.077</td></tr><tr><td>372</td><td>2.620</td></tr><tr><td>496</td><td>3.090</td></tr><tr><td>620</td><td>3.523</td></tr><tr><td>744</td><td>3.907</td></tr><tr><td>0</td><td>2.087</td></tr></tbody></table>				Load (kN/m²)	Settlement (mm)	10	0.000	89	1.067	169	1.600	248	2.077	372	2.620	496	3.090	620	3.523	744	3.907	0	2.087		
Load (kN/m²)	Settlement (mm)																								
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Load Settlement Curve Mean Bearing Pressure (kN/m²) Mean Plate Settlement (mm) <table><thead><tr><th>Mean Bearing Pressure (kN/m²)</th><th>Mean Plate Settlement (mm)</th></tr></thead><tbody><tr><td>10</td><td>0.000</td></tr><tr><td>89</td><td>1.067</td></tr><tr><td>169</td><td>1.600</td></tr><tr><td>248</td><td>2.077</td></tr><tr><td>372</td><td>2.620</td></tr><tr><td>496</td><td>3.090</td></tr><tr><td>620</td><td>3.523</td></tr><tr><td>744</td><td>3.907</td></tr><tr><td>0</td><td>2.087</td></tr></tbody></table>				Mean Bearing Pressure (kN/m²)	Mean Plate Settlement (mm)	10	0.000	89	1.067	169	1.600	248	2.077	372	2.620	496	3.090	620	3.523	744	3.907	0	2.087		
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744	3.907																								
0	2.087																								
<table><thead><tr><th>Load (kN/m²)</th><th>Deflection (mm)</th></tr></thead><tbody><tr><td>5</td><td>0.000</td></tr><tr><td>10</td><td>0.160</td></tr><tr><td>89</td><td>1.067</td></tr><tr><td>169</td><td>1.600</td></tr><tr><td>248</td><td>2.077</td></tr><tr><td>372</td><td>2.620</td></tr><tr><td>496</td><td>3.090</td></tr><tr><td>620</td><td>3.523</td></tr><tr><td>744</td><td>3.907</td></tr><tr><td>0</td><td>2.087</td></tr></tbody></table> Working Pressure: 248 kN/m² Deflection at Working Pressure: 2.08 mm 3 x Working Pressure: 744 kN/m² Deflection at 3 x Working Pressure: 3.91 mm				Load (kN/m²)	Deflection (mm)	5	0.000	10	0.160	89	1.067	169	1.600	248	2.077	372	2.620	496	3.090	620	3.523	744	3.907	0	2.087
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0	2.087																								
Comments:		Operator: AP	Checked: MSB																						
		Approved: MSB																							



SUB SURFACE
SITE INVESTIGATION SPECIALISTS, GEOTECHNICAL & ENVIRONMENTAL CONSULTANTS
3 Peel Street, Preston, Lancashire, PR2 2QS. Tel: (01772) 561135 Fax: (01772) 204907

Insitu Test Results

Site: 325 DEANS_GATE, MANCHESTER, M3 4LQ
Client: ASSURED CMS LTD
Engineer:

Job Number: 7789

Sheet: 2 / 3

PLATE BEARING TEST

Date: 11/08/23
Position: PBT02
Sample No/ Type: N/A
Depth (m): 0.00

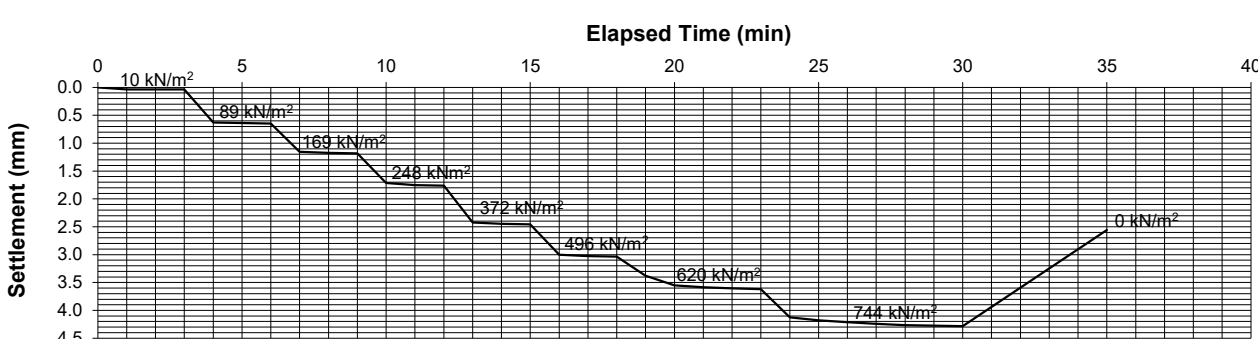
Plate Size: 300mm

Description:

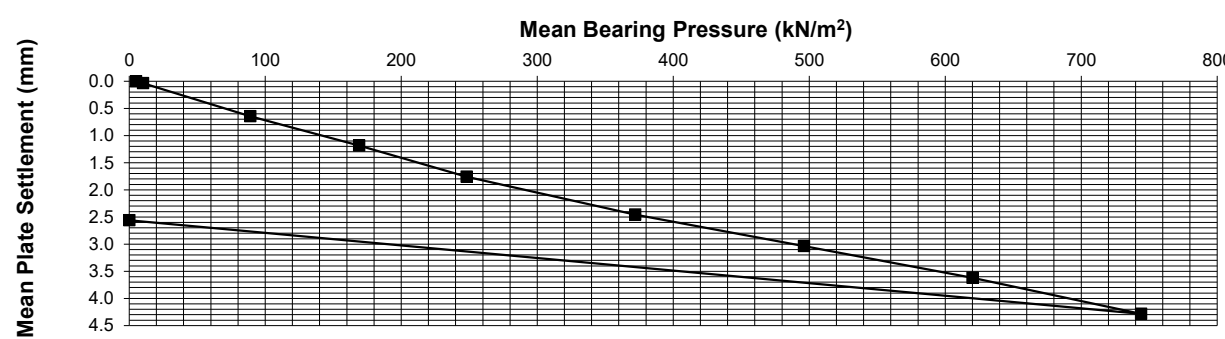
MADE GROUND: dark brown very sandy fine to coarse gravel sized fragments of brick and stone with high cobble sized fragments of brick and stone

Summary of Results:

Time Settlement Relationship.



Load Settlement Curve



Load (kN/m²)	Deflection (mm)
5	0.000
10	0.037
89	0.647
169	1.183
248	1.760
372	2.457
496	3.037
620	3.620
744	4.283
0	2.560

Working Pressure:

Deflection at Working Pressure:

3 x Working Pressure:

Deflection at 3 x Working Pressure:

248 kN/m²
1.76 mm
744 kN/m²
4.28 mm

Comments:

Operator: AP

Checked: MSB

Approved: MSB

SS SUB SURFACE SITE INVESTIGATION SPECIALISTS, GEOTECHNICAL & ENVIRONMENTAL CONSULTANTS 3 Peel Street, Preston, Lancashire, PR2 2QS. Tel: (01772) 561135 Fax: (01772) 204907		Insitu Test Results	
Site: 325 DEANS_GATE, MANCHESTER, M3 4LQ Client: ASSURED CMS LTD Engineer:			Job Number: 7789
Sheet: 3 / 3			

PLATE BEARING TEST

Date: 11/08/23
Position: PBT03
Sample No/ Type: N/A
Depth (m): 0.00

Plate Size: 300mm

Description:

MADE GROUND: dark brown very sandy fine to coarse gravel sized fragments of brick and stone with high cobble sized fragments of brick and stone

Summary of Results:

Time Settlement Relationship.

Load (kN/m²)	Settlement (mm)
10	0.000
89	0.477
169	0.807
248	1.173
372	1.643
496	2.050
620	2.440
744	2.857
0	1.487

Load Settlement Curve

Load (kN/m²)	Deflection (mm)
5	0.000
10	0.047
89	0.477
169	0.807
248	1.173
372	1.643
496	2.050
620	2.440
744	2.857
0	1.487

Load (kN/m²)	Deflection (mm)
5	0.000
10	0.047
89	0.477
169	0.807
248	1.173
372	1.643
496	2.050
620	2.440
744	2.857
0	1.487

Working Pressure: 248 kN/m²

Deflection at Working Pressure: 1.17 mm

3 x Working Pressure: 744 kN/m²

Deflection at 3 x Working Pressure: 2.86 mm

Comments:

Operator:
AP

Checked:
MSB

Approved:
MSB

S S SUB SURFACE SITE INVESTIGATION SPECIALISTS, GEOTECHNICAL & ENVIRONMENTAL CONSULTANTS 3 Peel Street, Preston, Lancashire, PR2 2QS. Tel: (01772) 561135 Fax: (01772) 204907					Site 325 DEANS GATE, MANCHESTER					Probe Number DP1					
Method DYNAMIC PROBING		Cone Dimensions Diameter 50mm, Angle 90°	Ground Level (mOD)	Client ASSURED CMS LIMITED					Job Number 7789						
		Location AS PLAN	Dates 11/08/2023	Engineer					Sheet 1/1						
Depth (m)	Blows for Depth Increment	Field Records	Level (mOD)	Depth (m)	Blows for Depth Increment 036912151821242730										
0.00-0.10	2			0.00											
0.10-0.20	2														
0.20-0.30	2														
0.30-0.40	3														
0.40-0.50	2														
0.50-0.60	1			0.50											
0.60-0.70	1														
0.70-0.80	2														
0.80-0.90	1														
0.90-1.00	1														
1.00-1.10	3			1.00											
1.10-1.20	5														
1.20-1.30	3														
1.30-1.40	3														
1.40-1.50	1														
1.50-1.60	1			1.50											
1.60-1.70	1														
1.70-1.80	1														
1.80-1.90	2														
1.90-2.00	1														
2.00-2.10	1			2.00											
2.10-2.20	2														
2.20-2.30	1														
2.30-2.40	3														
2.40-2.50	1														
2.50-2.60	2			2.50											
2.60-2.70	3														
2.70-2.80	3														
2.80-2.90	3														
2.90-3.00	3														
3.00-3.10	2			3.00											
3.10-3.20	2														
3.20-3.30	1														
3.30-3.40	1														
3.40-3.50	2														
3.50-3.60	1			3.50											
3.60-3.70	1														
3.70-3.80	2														
3.80-3.90	3														
3.90-4.00	2														
4.00-4.10	1			4.00											
4.10-4.20	7														
4.20-4.30	24														
4.30-4.31	25														
					4.50										
					5.00										

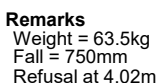


325 DEANSGATE, MANCHESTER

DP2

**Job
Number**
7789

Sheet
1/1



Scale (approx)	Logged By
1:25	DCM/VW
Figure No.	
7789.DP2	



325 DEANSGATE, MANCHESTER

DP3

Method

DYNAMIC PROBING

Cone Dimensions
Diameter 50mm, Angle 90°

Ground Level (mOD)

Client	ASSURED CMS LIMITED
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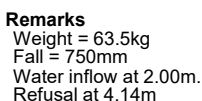
**Job
Number**
7789

Location
AS PLAN

Dates	11/08/2023
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Engineer

Sheet
1/1



Scale (approx)	Logged By
1:25	DCM/VW
Figure No.	
7789.DP3	

S S SUB SURFACE SITE INVESTIGATION SPECIALISTS, GEOTECHNICAL & ENVIRONMENTAL CONSULTANTS 3 Peel Street, Preston, Lancashire, PR2 2QS. Tel: (01772) 561135 Fax: (01772) 204907					Site 325 DEANS GATE, MANCHESTER					Probe Number DP4				
Method MECHANICAL EXCAVATOR		Cone Dimensions Diameter 50mm, Angle 90°		Ground Level (mOD)		Client ASSURED CMS LIMITED					Job Number 7789			
		Location AS PLAN		Dates 11/08/2023		Engineer					Sheet 1/1			
Depth (m)	Blows for Depth Increment	Field Records	Level (mOD)	Depth (m)	Blows for Depth Increment 036912151821242730									
0.00-0.10	2			0.00										
0.10-0.20	3													
0.20-0.30	3													
0.30-0.40	4													
0.40-0.50	3													
0.50-0.60	2			0.50										
0.60-0.70	1													
0.70-0.80	1													
0.80-0.90	3													
0.90-1.00	1													
1.00-1.10	0			1.00										
1.10-1.20	0													
1.20-1.30	0													
1.30-1.40	0													
1.40-1.50	0													
1.50-1.60	1			1.50										
1.60-1.70	1													
1.70-1.80	2													
1.80-1.90	3													
1.90-2.00	3													
2.00-2.10	2			2.00										
2.10-2.20	3													
2.20-2.30	3													
2.30-2.40	2													
2.40-2.50	3													
2.50-2.60	3			2.50										
2.60-2.70	2													
2.70-2.80	2													
2.80-2.90	3													
2.90-3.00	2													
3.00-3.10	1			3.00										
3.10-3.20	1													
3.20-3.30	2													
3.30-3.40	4													
3.40-3.50	11													
3.50-3.60	18			3.50										
3.60-3.70	17													
3.70-3.80	15													
3.80-3.90	25													
				4.00										
				4.50										
				5.00										
Remarks Weight = 63.5kg Fall = 750mm Refusal at 3.90m										Scale (approx) 1:25	Logged By DCM/VW			
										Figure No. 7789.DP4				

SUB SURFACE					Site		Probe Number								
SITE INVESTIGATION SPECIALISTS, GEOTECHNICAL & ENVIRONMENTAL CONSULTANTS 3 Peel Street, Preston, Lancashire, PR2 2QS. Tel: (01772) 561135 Fax: (01772) 204907					325 DEANS GATE, MANCHESTER		DP5								
Method		Cone Dimensions	Ground Level (mOD)		Client				Job Number						
MECHANICAL EXCAVATOR		Diameter 50mm, Angle 90°			ASSURED CMS LIMITED				7789						
		Location	Dates		Engineer				Sheet						
		AS PLAN	11/08/2023						1/1						
Depth (m)	Blows for Depth Increment	Field Records	Level (mOD)	Depth (m)	Blows for Depth Increment										
					0	3	6	9	12	15	18	21	24	27	30
0.00-0.10	2			0.00											
0.10-0.20	2														
0.20-0.30	3														
0.30-0.40	2														
0.40-0.50	0														
0.50-0.60	0			0.50											
0.60-0.70	0														
0.70-0.80	0														
0.80-0.90	1														
0.90-1.00	1														
1.00-1.10	1			1.00											
1.10-1.20	0														
1.20-1.30	0														
1.30-1.40	0														
1.40-1.50	1														
1.50-1.60	0			1.50											
1.60-1.70	1														
1.70-1.80	2														
1.80-1.90	1														
1.90-2.00	1														
2.00-2.10	1			2.00											
2.10-2.20	1														
2.20-2.30	1														
2.30-2.40	1														
2.40-2.50	0														
2.50-2.60	2			2.50											
2.60-2.70	1														
2.70-2.80	1														
2.80-2.90	1														
2.90-3.00	1														
3.00-3.10	1			3.00											
3.10-3.20	1														
3.20-3.30	1														
3.30-3.40	1														
3.40-3.50	1														
3.50-3.60	1			3.50											
3.60-3.70	1														
3.70-3.80	2														
3.80-3.90	1														
3.90-4.00	4														
4.00-4.10	3			4.00											
4.10-4.20	2														
4.20-4.30	2														
4.30-4.40	4														
4.40-4.50	4														
4.50-4.60	3			4.50											
4.60-4.70	24														
4.70-4.74	25														

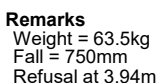


325 DEANS GATE, MANCHESTER

DP6

Job Number
7789

Sheet
1/1



Scale (approx)	Logged By
1:25	DCM/VW
Figure No.	
7789.DP6	

S S SUB SURFACE SITE INVESTIGATION SPECIALISTS, GEOTECHNICAL & ENVIRONMENTAL CONSULTANTS 3 Peel Street, Preston, Lancashire, PR2 2QS. Tel: (01772) 561135 Fax: (01772) 204907					Site 325 DEANS GATE, MANCHESTER					Probe Number DP7				
Method MECHANICAL EXCAVATOR		Cone Dimensions Diameter 50mm, Angle 90°		Ground Level (mOD)		Client ASSURED CMS LIMITED					Job Number 7789			
		Location AS PLAN		Dates 11/08/2023		Engineer					Sheet 1/1			
Depth (m)	Blows for Depth Increment	Field Records	Level (mOD)	Depth (m)	Blows for Depth Increment 036912151821242730									
0.00-0.10	3			0.00	<									

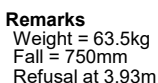


325 DEANS GATE, MANCHESTER

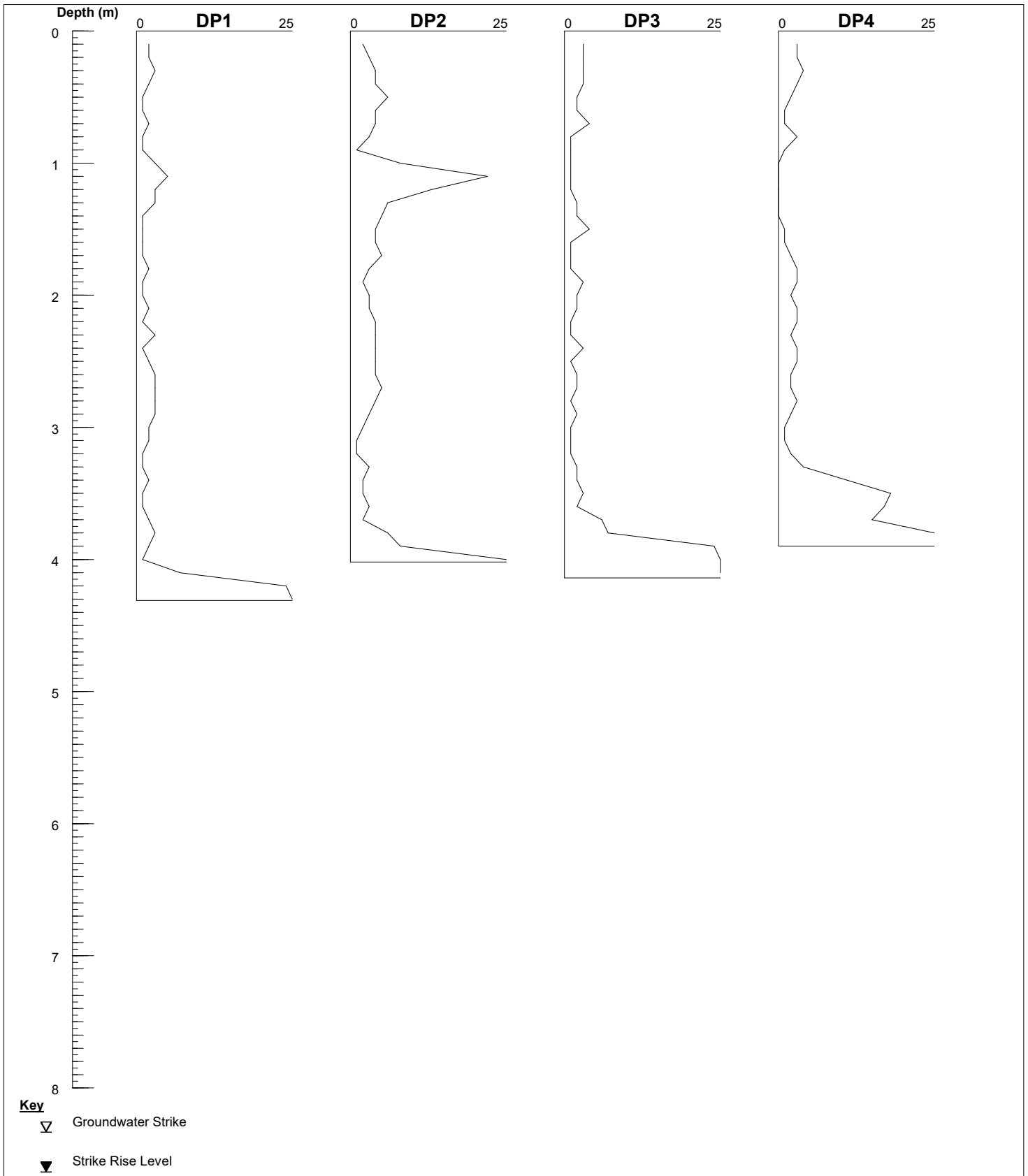
DP8

**Job
Number**
7789

Sheet
1/1



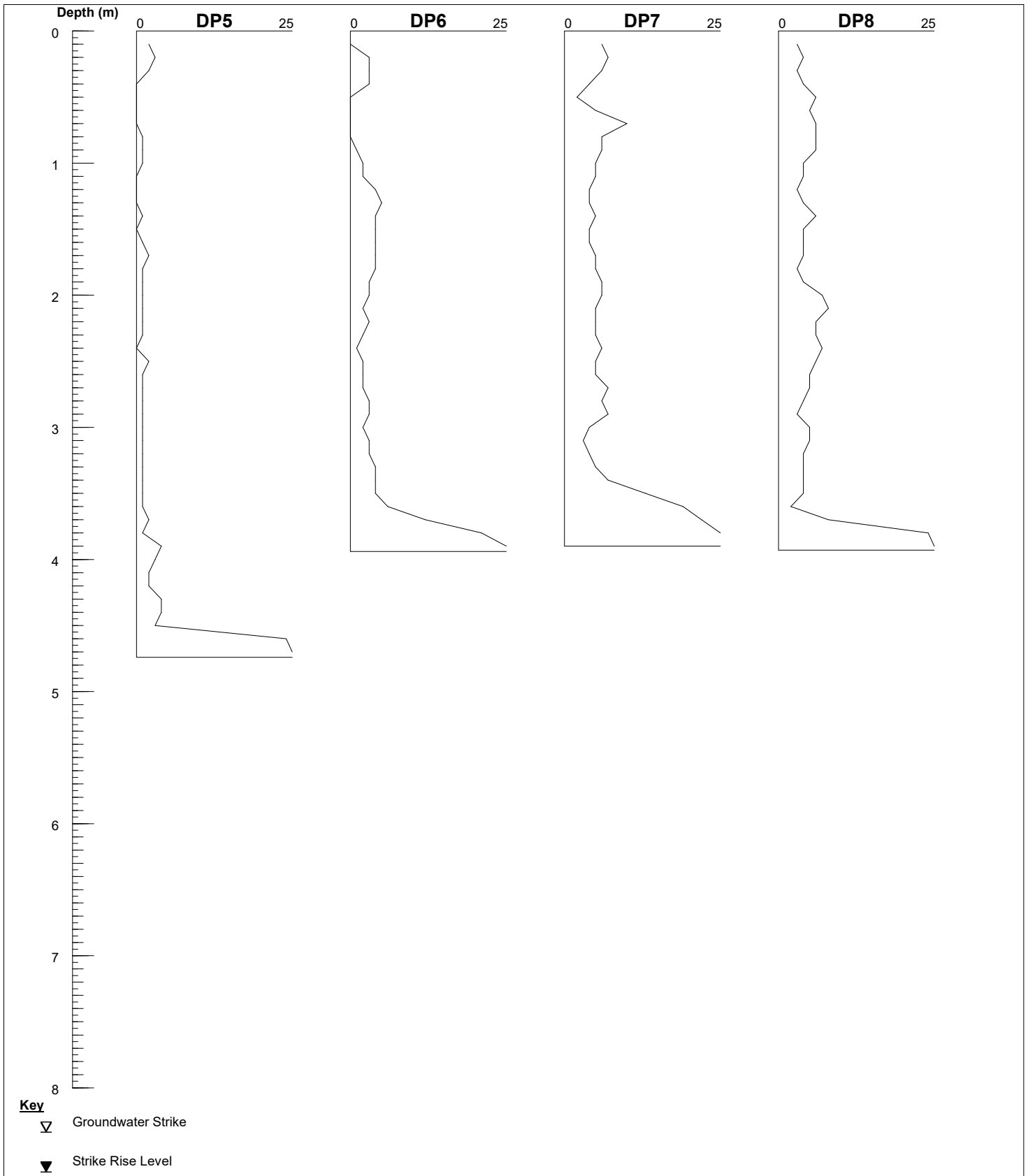
Scale (approx)	Logged By
1:25	DCM/VW
Figure No.	
7789.DP8	



S SUB SURFACE
SITE INVESTIGATION SPECIALISTS, GEOTECHNICAL & ENVIRONMENTAL CONSULTANTS
3 Peel Street, Preston, Lancashire, PR2 2QS. Tel: (01772) 561135 Fax: (01772) 204907

Nominal Section

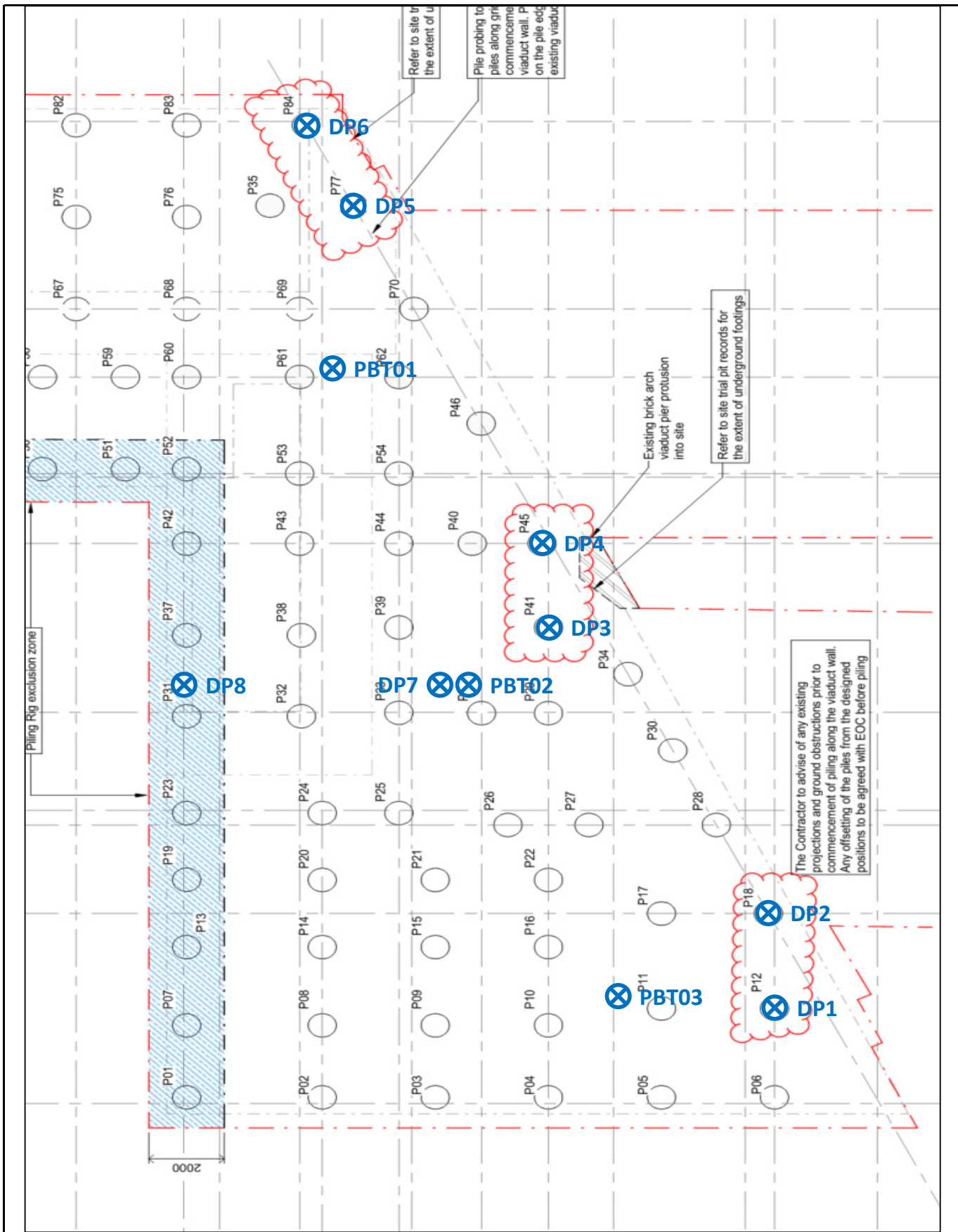
Site 325 DEANS_GATE, MANCHESTER	Date Drawn 14/08/2023	Date Checked	Sheet 1/2	Job Number 7789
Client ASSURED CMS LIMITED	Drawn By	Checked By	Scale 1:40[V]	Figure No. 7789.1



S SUB SURFACE
 SITE INVESTIGATION SPECIALISTS, GEOTECHNICAL & ENVIRONMENTAL CONSULTANTS
 3 Peel Street, Preston, Lancashire, PR2 2QS. Tel: (01772) 561135 Fax: (01772) 204907

Nominal Section

Site 325 DEANS_GATE, MANCHESTER	Date Drawn 14/08/2023	Date Checked	Sheet 2/2	Job Number 7789
Client ASSURED CMS LIMITED	Drawn By	Checked By	Scale 1:40[V]	Figure No. 7789.1



SS SUB SURFACE SITE INVESTIGATION SPECIALISTS, GEOTECHNICAL & ENVIRONMENTAL CONSULTANTS 3 Peel Street, Preston, Lancashire, PR2 2QS. Tel: (01772) 561135 Fax: (01772) 204907	PBT Test Locations			
Site: 325 DEANS_GATE, MANCHESTER, M3 4LQ	Date Drawn: 11-Aug-23	Date Checked: 14-Aug-23	Orientation: —	Job Number: 7789
Client: ASSURED CMS LTD	Drawn By: AP	Checked By: MSB	Scale: —	Figure Number: 1