

Summary of Findings from HPM Condition Survey in May 2020



Condition Survey
Summary Sheet
May-20
Chester Terrace

Total Number of Bottles	677
Total Numbers of Bays	68
Total Number of Gate Bays	3
Total Number of Coping Joints	276
Total Number of Plinth Joints	272
Total Number of Piers	16
Total Number of Di Blocks	52
Total No. of Piers with Gates	6

Defect Ref.	Defect Description	No. of Defects Noted	% of total elements
1) CJ	Open Vertical Joints Between Coping Stones	258	93% of coping joints
2) C	Hairline/Fine Cracking to Bottle	243	36% of bottles
3) S	Fractured/Spalled Bottle	59	9% of bottles
4) BL	Bottle Loose or Moves Under Pressure	239	35% of bottles
5) M	Balustrade shows Movement Under Pressure	9	13% of bays
6) PW	Finish Pitted/Weathered to Bottle	21	3% of bottles
7)G	Gates Worn/Rusty/Damaged	3	100% of gates
8) PC	Loose/Displaced Pier or Pier Cap	9	56% of piers
9) R	Defective Render on Retaining Wall	32	47% of bays
10) PJ	Open Vertical Joints between Plinth Blocks	187	69% of plinth joints
11) F	Foundation Movement	19	28% of bays
12) DB	Displaced Di Block	32	62% of di blocks
13) PE	Embedded Metal in Pier or Damaged Pier	3	50% of piers with gates
14) PM	Pier has moved (mis-aligned)	2	13% of piers

The defects highlighted above are those that were observable from a visual inspection only. The existing vegetation in front of the retaining wall or render to its garden side face were still present - therefore, the condition survey of the wall was restricted. Hence, the presence of further defects along the length of retaining wall is likely.