

SERVICE UPDATE

<u>Name of Function:</u>	Capital
<u>Date:</u>	15 November 2021
<u>Title of Update:</u>	Union Terrace Gardens Reconciliation of Materials (Granite)
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UPDATE:

1. PURPOSE OF REPORT

- 1.1 At the Audit, Risk and Scrutiny Committee on 29 September 2021, the Chief Officer – Capital offered to produce a reconciliation via a Service Update of the materials up to this point in the project.
- 1.2 This update considers the status of the granite materials within Union Terrace Gardens.
- 1.3 It is noted that this granite reconciliation update is a point in time whereby live construction works are still ongoing. A final granite reconciliation report will be prepared when practical completion has been awarded. This is expected to be in Spring 2022.

2. GRANITE WORKS

- 2.1 The Union Terrace Gardens granite works is extensive and covers a range of features that require different methods of removal, repair, alteration, and re-building.
- 2.2 The primary consideration is that the granite downtakings are kept on site where possible, however it is accepted that if specialist work or repair of individual items need to be done then specific items of granite are being taken to an approved site.

- 2.3 It should be noted that there is an extensive amount of granite currently stored within the UTG site boundary, at appropriate locations across the site, which facilitate its re-use.
- 2.4 Granite dountakings which become defined as surplus are removed for permanent storage to the Council approved storage site at Sclattie Quarry.
- 2.5 During the carrying out of the works, and following the completion of the works, any granite which is designated as surplus is removed for permanent storage, to the Council approved storage site at Sclattie Quarry.

3. CURRENT STATUS

- 3.1 The Contractor is striving to retain as much as the original granite material as possible within the new garden design. In some cases, as noted previously this requires the granite to be reshaped for reincorporation to meet the requirements of the new granite features.
- 3.2 As the project nears completion, as evidenced by progressive site operations, the Contractor is in a position to define greater quantities of granite as surplus.
- 3.3 At the current stage of the recorded project deliveries of surplus granite are being made to approved permanent storage location every 3-4 weeks. It is envisaged that this will continue into early 2022.

4. RECONCILIATION

- 4.1 Members are asked to refer to Appendix A, Appendix B and Appendix C which sets out granite reconciliation information for November 2021.
- 4.2 Appendix A contains information on each individual pallet of granite which is tagged, contents measured and logged for storage at either ACC approved storage location or at the Main Contractors approved storage location.
- 4.3 Appendix B acts as a comprehensive photo record of the information held within Appendix A.
- 4.4 Appendix C acts as the primary reference site plan for existing granite locations prior to Union Terrace Gardens project commencement date.

5. SUMMARY

- 5.1 A final granite reconciliation report for Union Terrace Gardens will be produced at the point of project completion in Spring 2022.
- 5.2 This interim report shows a 'snapshot' in time; however the final report will present a clear outline of:
 - i) granite items retained and reused within the Union Terrace Gardens,
 - ii) a detailed account of surplus Union Terrace Gardens granite held at Aberdeen City Council permanent storage and where this originated from in the former gardens, and
 - iii) any granite deemed unsalvageable.
- 5.3 It is not reasonably practicable to undertake this exercise whilst the project is live on-site.
- 5.4 The final granite reconciliation report for the Union Terrace Gardens will be based on the overmarked measured plans - Appendix C, and other records which form the existing primary reference inventory. These documents include, conservation statement, contract drawings, design team survey drawings, design team reports, main contractors dilapidation survey and archaeology pre-start photo survey.

Appendix A

Granite reconciliation – November 2021

Pallet and photo ref	Granite type	Measure	Location	Original location in UTG	Unit of measurement
1	Kerb	10	ACC storage	Road kerbs	m
2	Kerb	10	ACC storage	Road kerbs	m
3	Kerb	12	ACC storage	Road kerbs	m
4	Kerb	11	ACC storage	Road kerbs	m
5	Kerb	12	ACC storage	Road kerbs	m
6	Kerb	15	ACC storage	Road kerbs	m
7	Kerb	11	ACC storage	Road kerbs	m
8	Kerb	6	ACC storage	Road kerbs	m
9	Kerb	6.5	ACC storage	Road kerbs	m
10	Kerb	10.5	ACC storage	Road kerbs	m
11	Kerb	10	ACC storage	Road kerbs	m
12	Kerb	11	ACC storage	Road kerbs	m
13	Kerb	10	ACC storage	Road kerbs	m
14	Kerb	10.5	ACC storage	Road kerbs	m
15	Kerb	10.5	ACC storage	Road kerbs	m
16	Kerb	10	ACC storage	Road kerbs	m
17	Kerb	10.5	ACC storage	Road kerbs	m
18	Kerb	10.5	ACC storage	Road kerbs	m
19	Kerb	14	ACC storage	Road kerbs	m
20	Wall	3	ACC storage	Rosemont Balustrade	m ²
21	Wall	1	ACC storage	Rosemont Balustrade	m ²
22	Steps	12	ACC storage	Grand Staircase	m
23	Steps	10	ACC storage	Grand Staircase	m
24	Wall	3	ACC storage	Rosemont Balustrade	m ²
25	Rubble wall and cope	(rw 1m ²) (cope 0.6m)	ACC storage	Rosemont Balustrade	m and m ²
26	Wall	3.6	ACC storage	Rosemont Balustrade	m ²
27	Wall	3.6	ACC storage	Rosemont Balustrade	m ²
28	Wall	(1n.o 0.8m)(2n.o 0.6m)	ACC storage	Rosemont Balustrade	m
29	Steps	10	ACC storage	Grand Staircase	m
30	Wall	3.6	ACC storage	Walkway 1 Stone	m ²
31	Cope	8	ACC storage	Grand Staircase Iorn Railing	m
32	Wall	2.5	ACC storage	Rosemont Balustrade	m ²
33	Wall and step	(1m kerb)(1.2m ² wall)	ACC storage	Grand Staircase	m and m ²
34	Wall	6	ACC storage	Rosemont Balustrade	m ²
35	Steps	11	ACC storage	Grand Staircase	m
36	Rubble wall	1.5	ACC storage	Rosemont Balustrade	m ²
37	Rubble wall	3	ACC storage	Rosemont Balustrade	m ²

38	Wall	1.2	ACC storage	Rosemont Balustrade	m ²
39	Wall	1.2	ACC storage	walkway 1	m ²
40	Steps	8.5	ACC storage	Grand Staircase	m
41	Wall	2	ACC storage	Rosemont Balustrade	m ²
42	Wall	2.5	ACC storage	Rosemont Balustrade	m ²
43	Wall	2.5	ACC storage	Rosemont Balustrade	m ²
44	Kerb	7	ACC storage	Rosemont Balustrade	m
45	Cope and wall	(1.5m cope)(1.2m ²)	ACC storage	Grand Staircase Iorn Railing	m and m ²
46	Cope and wall	(2m cope)(1.5m ²)	ACC storage	Grand Staircase Iorn Railing	m and m ²
47	Steps	10.5	ACC storage	Grand Staircase	m
48	Wall	1.5	ACC storage	Rosemont Balustrade	m ²
49	Wall	3	ACC storage	Rosemont Balustrade	m ²
50	Kerb	10	ACC storage	Union Terrace	m
51	Steps	9.6	ACC storage	Grand Staircase	m
52	Steps	10.8	ACC storage	Grand Staircase	m
53	Steps	8.5	ACC storage	Grand Staircase	m
54	Steps	10.8	ACC storage	Grand Staircase	m
55	Steps	10.2	ACC storage	Grand Staircase	m
56	Steps	10.8	ACC storage	Grand Staircase	m
57	Steps	2.3	ACC storage	Grand Staircase	m
58	Steps	10.5	ACC storage	Grand Staircase	m
59	Steps	12	ACC storage	Grand Staircase	m
60	Steps	12	ACC storage	Grand Staircase	m
61	Steps and cope	(7.5m kerb)(0.8m cope)	ACC storage	Grand Staircase	m
62	Steps	10.2	ACC storage	Grand Staircase	m
63	Steps	5.4	ACC storage	Grand Staircase	m
64	Steps	11.4	ACC storage	Grand Staircase	m
65	Steps	4.8	ACC storage	Grand Staircase	m
66	Steps	6.8	ACC storage	Grand Staircase	m
67	Steps	4.8	ACC storage	Grand Staircase	m
68	Steps	6	ACC storage	Grand Staircase	m
69	Steps	2.8	ACC storage	Grand Staircase	m
70	Steps	1.2	ACC storage	Grand Staircase	m
71	Steps	4	ACC storage	Grand Staircase	m
72	Steps	7	ACC storage	Grand Staircase	m
73	Steps	6	ACC storage	Grand Staircase	m
74	Steps	7	ACC storage	Grand Staircase	m
75	Steps	6	ACC storage	Grand Staircase	m
76	Steps	1.8	ACC storage	Grand Staircase	m

77	Steps	6	ACC storage	Grand Staircase	m
78	Steps	9	ACC storage	Grand Staircase	m
79	Steps	8.5	ACC storage	Grand Staircase	m
80	Steps	4	ACC storage	Grand Staircase	m
81	Steps	4	ACC storage	Grand Staircase	m
82	Steps	2.5	ACC storage	Grand Staircase	m
83	Steps	3.3	ACC storage	Grand Staircase	m
84	Single faced stone	2.4	Main contractor approved storage	Large wall Union St	m
85	Single faced stone	3.5	Main contractor approved storage	Large wall Union St	m
86	Steps	20	Main contractor approved storage	Think at the K/E Staute	m
87	Single faced stone	3.5	Main contractor approved storage	Large wall Union St	m
88	Base stone	6.4	Main contractor approved storage	Rosemount Curve	m
89	Base stone	5.6	Main contractor approved storage	Rosemount Curve	m
90	Base stone	5.6	Main contractor approved storage	Rosemount Curve	m
91	Base stone	5.6	Main contractor approved storage	Rosemount Curve	m
92	Base stone	5.6	Main contractor approved storage	Rosemount Curve	m
93	Base stone	2.5	Main contractor approved storage	Rosemount Curve	m
94	Base stone	2.4	Main contractor approved storage	Rosemount Curve	m
95	Base stone	2.4	Main contractor approved storage	Rosemount Curve	m
96	Base stone	5.6	Main contractor approved storage	Rosemount Curve	m
97	Single faced stone	1	Main contractor approved storage	Large wall Union St	m
98	Part of Pallisters	2.5	Main contractor approved storage	Rosemount Curve	m
99	Part of Pallisters	2.5	Main contractor approved storage	Rosemount Curve	m
100	Steps	13.6	Main contractor approved storage	Rosemount Curve	m
101	Steps	11.9	Main contractor approved storage	Front Of K/E Statue	m
102	Steps	12.6	Main contractor approved storage	Front Of K/E Statue	m
103	Single faced stone	4	Main contractor approved storage	Large wall Union St	m ²
104	Part of Pallisters	3	Main contractor approved storage	Rosemount Curve	m
105	Part of Pallisters	2.5	Main contractor approved storage	Rosemount Curve	m
106	Part of Pallisters	2.5	Main contractor approved storage	Rosemount Curve	m
107	Cope and Base Cuttings	1.5	Main contractor approved storage	Grand Stair	m
108	Bases	2.5	Main contractor approved storage	Rosemount Curve	m

109	Part of Pallisters	2	Main contractor approved storage	Rosemount Curve	m
110	Part of Pallisters	2	Main contractor approved storage	Rosemount Curve	m
111	Breakages	Breakages	Main contractor approved storage	Rosemount Curve	m
112	Parts of Palisters	4.5	Main contractor approved storage	Rosemount Curve	m ²
113	Single faced stone	5	Main contractor approved storage	Large wall Union St	m
114	Single faced stone	1.5	Main contractor approved storage	Large wall Union St	m
115	Copes	2.2	Main contractor approved storage	Top curved balustrades K/E	m
116	Random Wall Stones	4	Main contractor approved storage	Stone below walkway 1	m ²
117	Cope	10	Main contractor approved storage	Rosemount stair	m
118	Cope and wall	8	Main contractor approved storage	Grand staircase railing cope	m ²
119	Large Base stone	3	Main contractor approved storage	Urn (Grand staircase area)	m ²

Photo ref	Granite type	Measure		Original location in UTG	Notes
2764	Cap Stone	3	Main contractor approved storage	Large wall Union St	m ²
2765	Single faced stones	6	Main contractor approved storage	Large wall Union St	m ²
2766	D/F and S/F Copes	5	Main contractor approved storage	Large wall Union St	m
2767	Double faced Stones	5	Main contractor approved storage	Large wall Union St	m ²
2768	Double faced Stones	5	Main contractor approved storage	Large wall Union St	m ²
2769	Double faced Stones		Main contractor approved storage	Large wall Union St	
2770	Double faced Stones		Main contractor approved storage	Large wall Union St	
2771	D/F and S/F Copes		Main contractor approved storage	Large wall Union St	
2772	Copes		Main contractor approved storage	Rosemount Curve	
2773	Single faced Stones		Main contractor approved storage	Large wall Union St	
2774	Copes		Main contractor approved storage	Rosemount Curve	
2775	Copes	10	Main contractor approved storage	Rosemount Curve	m
2776	Cap Stone	6	Main contractor approved storage	Large wall Union St	m
2777	Cap Stone	4	Main contractor approved storage	Large wall Union St	m
2778	Single faced stone	1.5	Main contractor approved storage	Large wall Union St	m

2779	Single faced stones	1.5	Main contractor approved storage	Large wall Union St	m
2780	Single faced stones	1	Main contractor approved storage	Large wall Union St	m
2781	Single faced stones	1.2	Main contractor approved storage	Large wall Union St	m
2782	Single faced stones	1.6	Main contractor approved storage	Large wall Union St	m
2783	Single faced stones	1.5	Main contractor approved storage	Large wall Union St	m
2784	Copes	8	Main contractor approved storage	Rosemount Curve	m
2785	Double faced Stones	6	Main contractor approved storage	Large wall Union St	m ²
2786	Single faced stones	2	Main contractor approved storage	Large wall Union St	m
2787	Single faced stones	2	Main contractor approved storage	Large wall Union St	m
2788	Single faced stones	4	Main contractor approved storage	Large wall Union St	m
2789	Copes	10	Main contractor approved storage	Rosemount Curve	m
2790	Copes	6	Main contractor approved storage	Rosemount Curve	m
2791	Single faced stones	1.2	Main contractor approved storage	Large wall Union St	m
2792	Single faced stones	2	Main contractor approved storage	Large wall Union St	m
2793	Single faced stones	3	Main contractor approved storage	Large wall Union St	m
2794	Single faced stones	2	Main contractor approved storage	Large wall Union St	m
2795	Single faced stones	2	Main contractor approved storage	Large wall Union St	m
2796	Double faced Stones	5	Main contractor approved storage	Large wall Union St	m
2797	Double faced Stones	2	Main contractor approved storage	Large wall Union St	m
2798	Duplication	2	Main contractor approved storage	Large wall Union St	m
2799	Single faced stones	1	Main contractor approved storage	Large wall Union St	m
2800	Cap Stone	2.2	Main contractor approved storage	Large wall Union St	m
2801	Base Curved wall	2	Main contractor approved storage	Rosemount Curve	m
2802	Cope and S/f Stone	1.2 and 1	Main contractor approved storage	Rosemount Curve	m
2803	Single faced stones	5	Main contractor approved storage	Large wall Union St	m
2804	Single faced stones	1.5	Main contractor approved storage	Large wall Union St	m

2805	Single faced stones	1.8	Main contractor approved storage	Large wall Union St	m
2806	Double faced Stones	2	Main contractor approved storage	Large wall Union St	m
2807	Copes	3.6	Main contractor approved storage	Rosemount Curve	m
2808	Double faced Stones	1.2	Main contractor approved storage	Large wall Union St	m
2809	Copes	10	Main contractor approved storage	Rosemount Curve	m
2810	Copes	10	Main contractor approved storage	Rosemount Curve	m

Appendix B

Granite reconciliation photo record – November 2021



1 and 2









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6 and 9





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48 and 49



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51 and 52



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59 and 60





62 and 63



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65 and 66



67 and 68



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70 and 71



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76 and 77



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80 and 81



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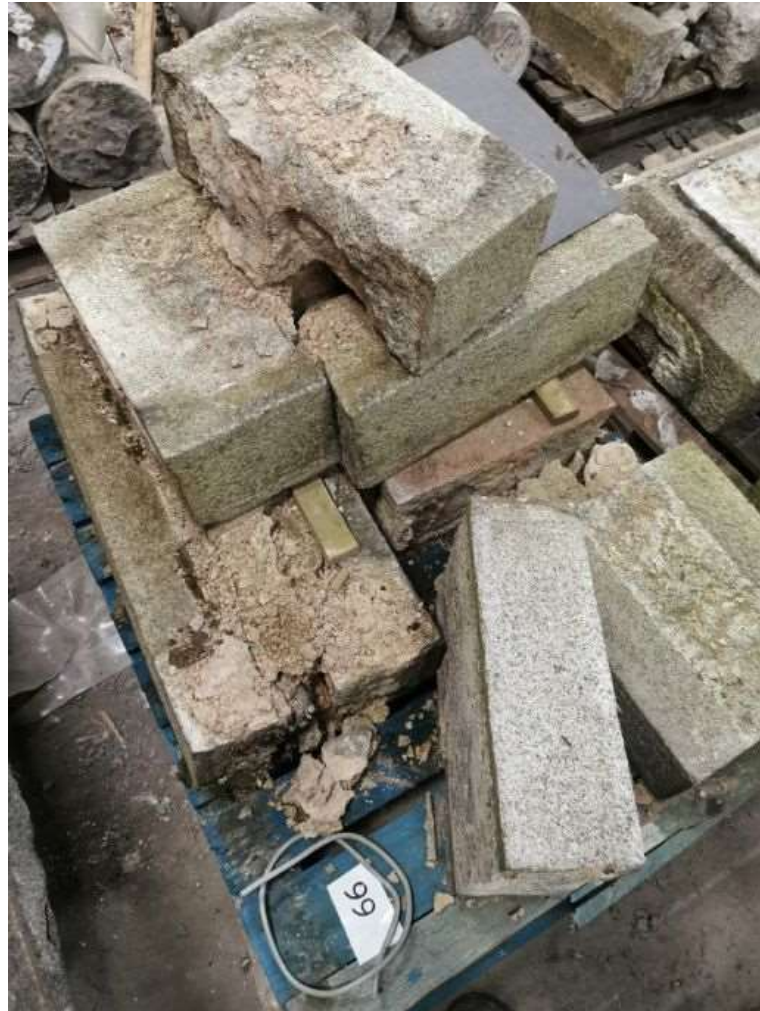
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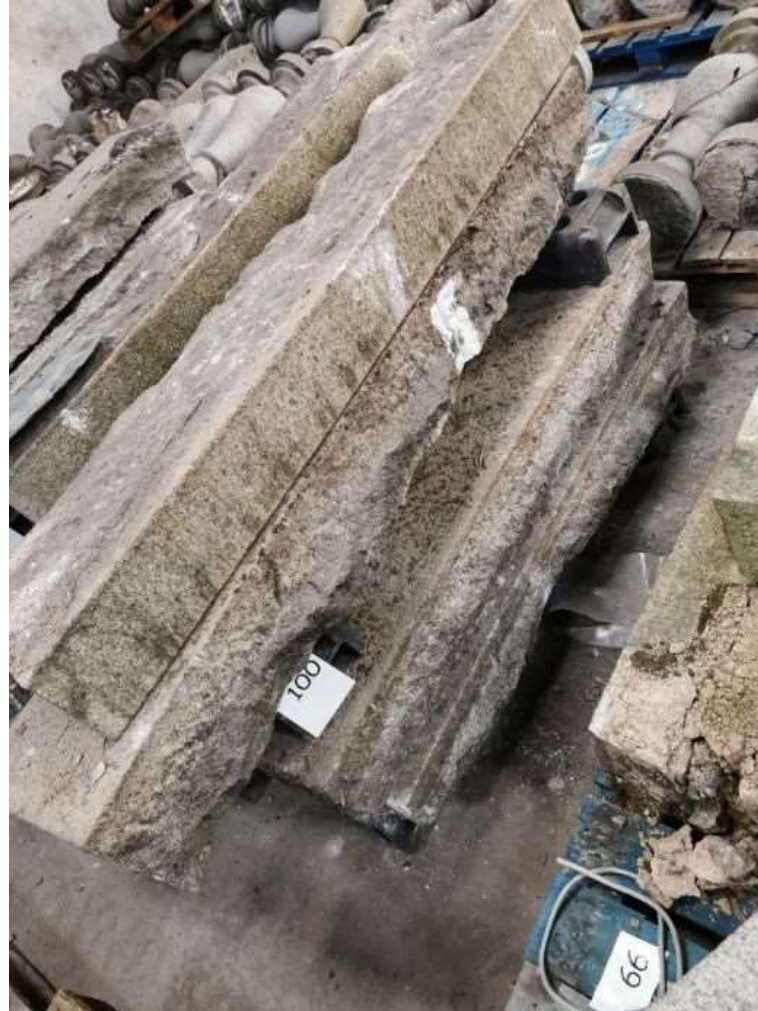
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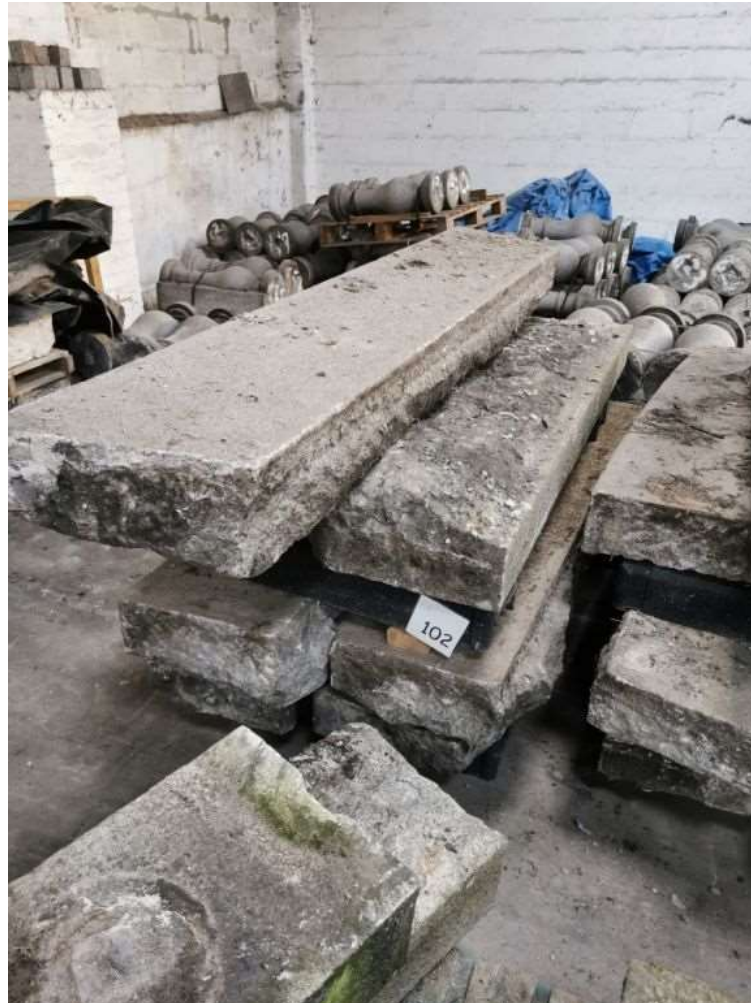
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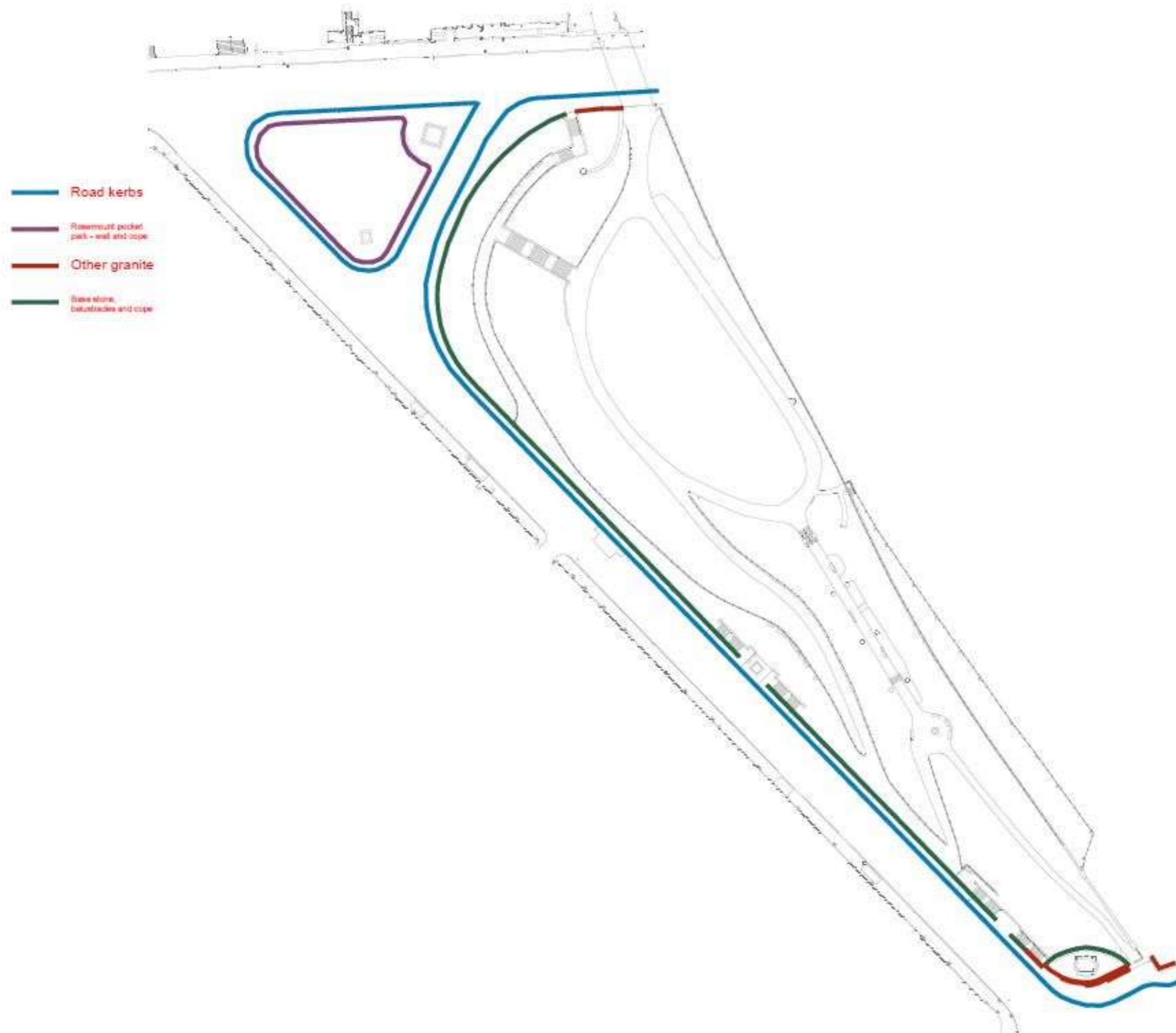
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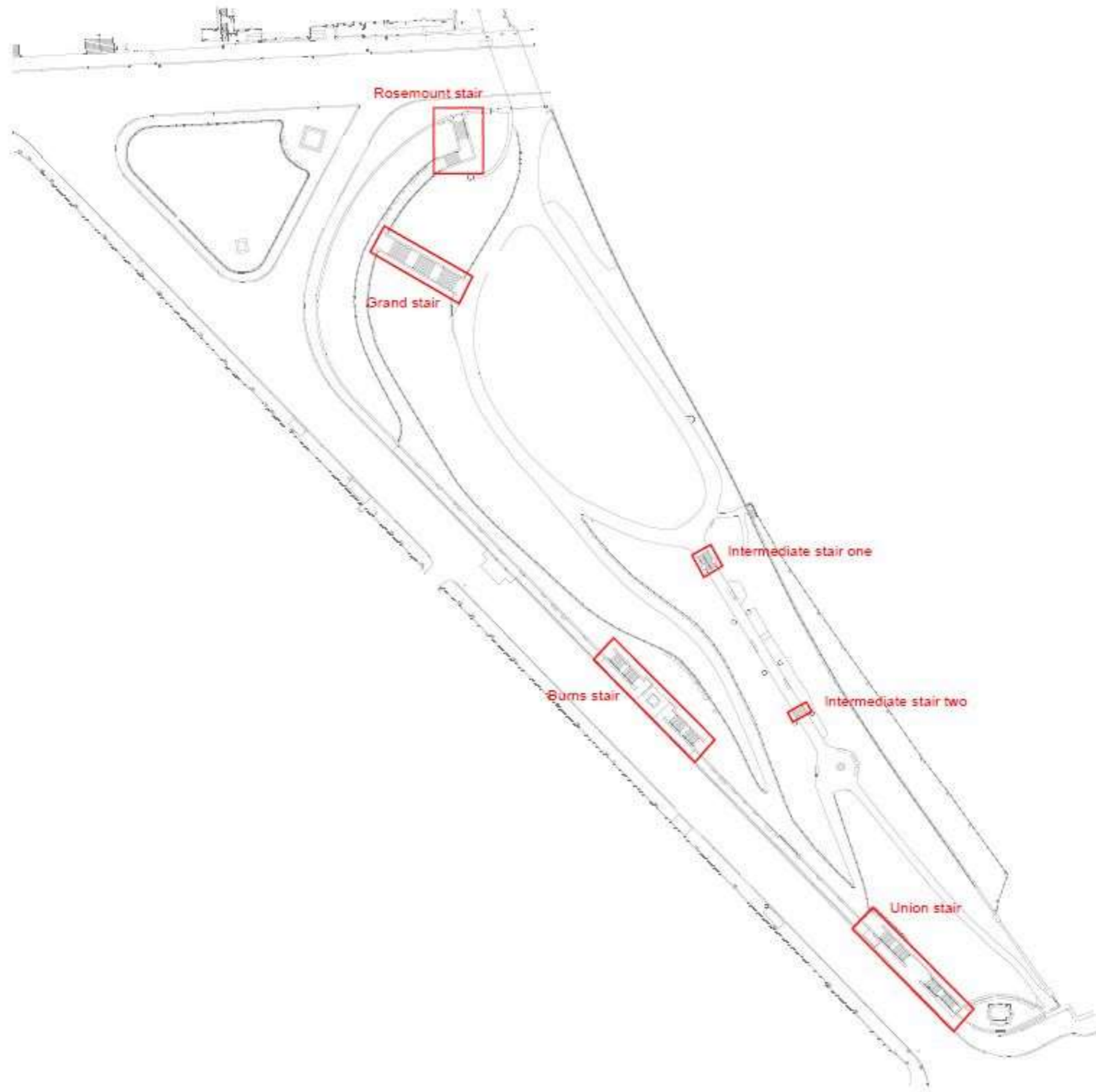
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Appendix C
Granite reconciliation – original measured content

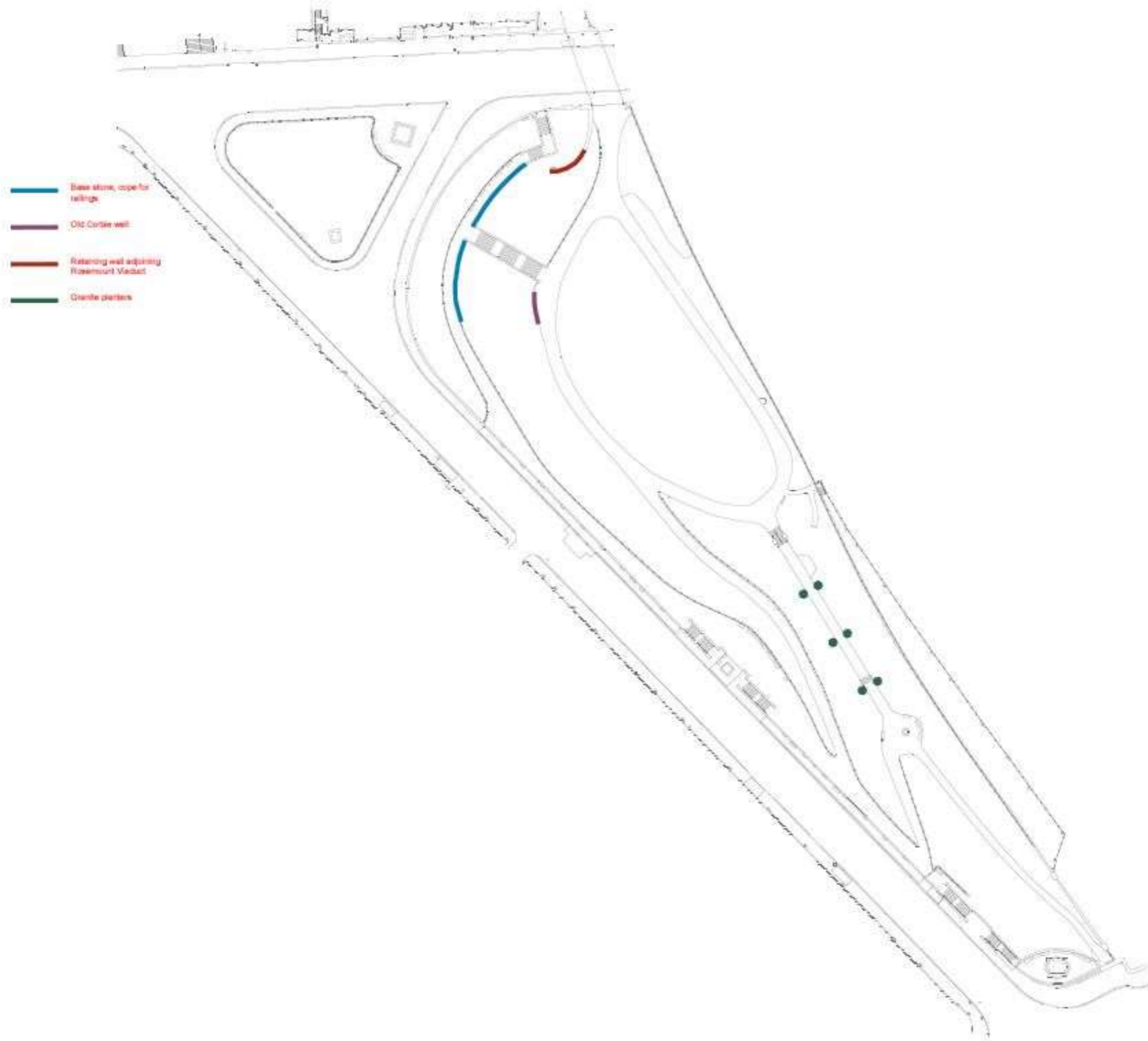
Rosemount pocket park and upper gardens



Stairs



Arches level and lower gardens



END