

GREEN-WOOD LANDSCAPE MASTER PLAN

APPENDIX

February, 2007

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with
Paul Cowie & Associates

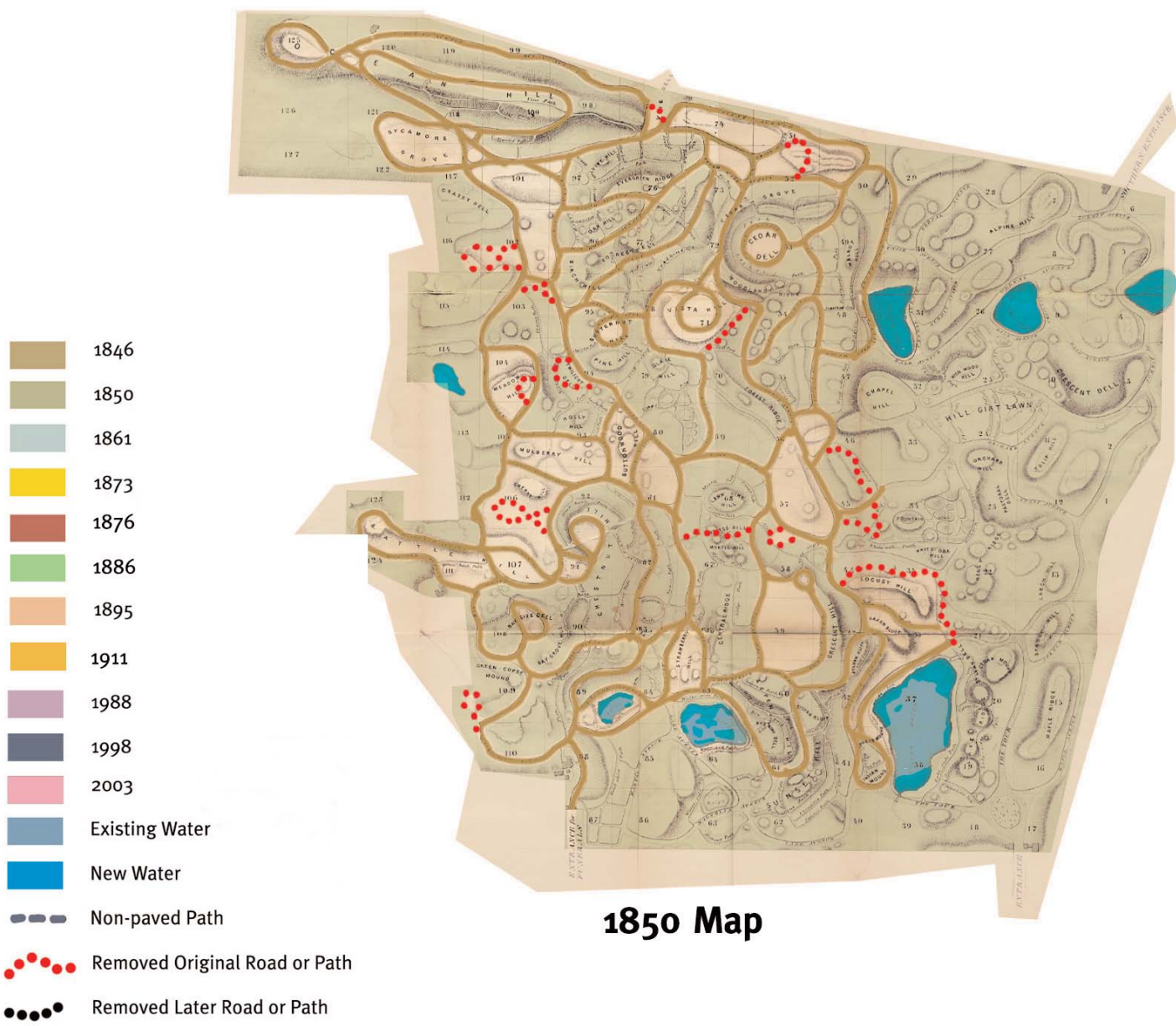
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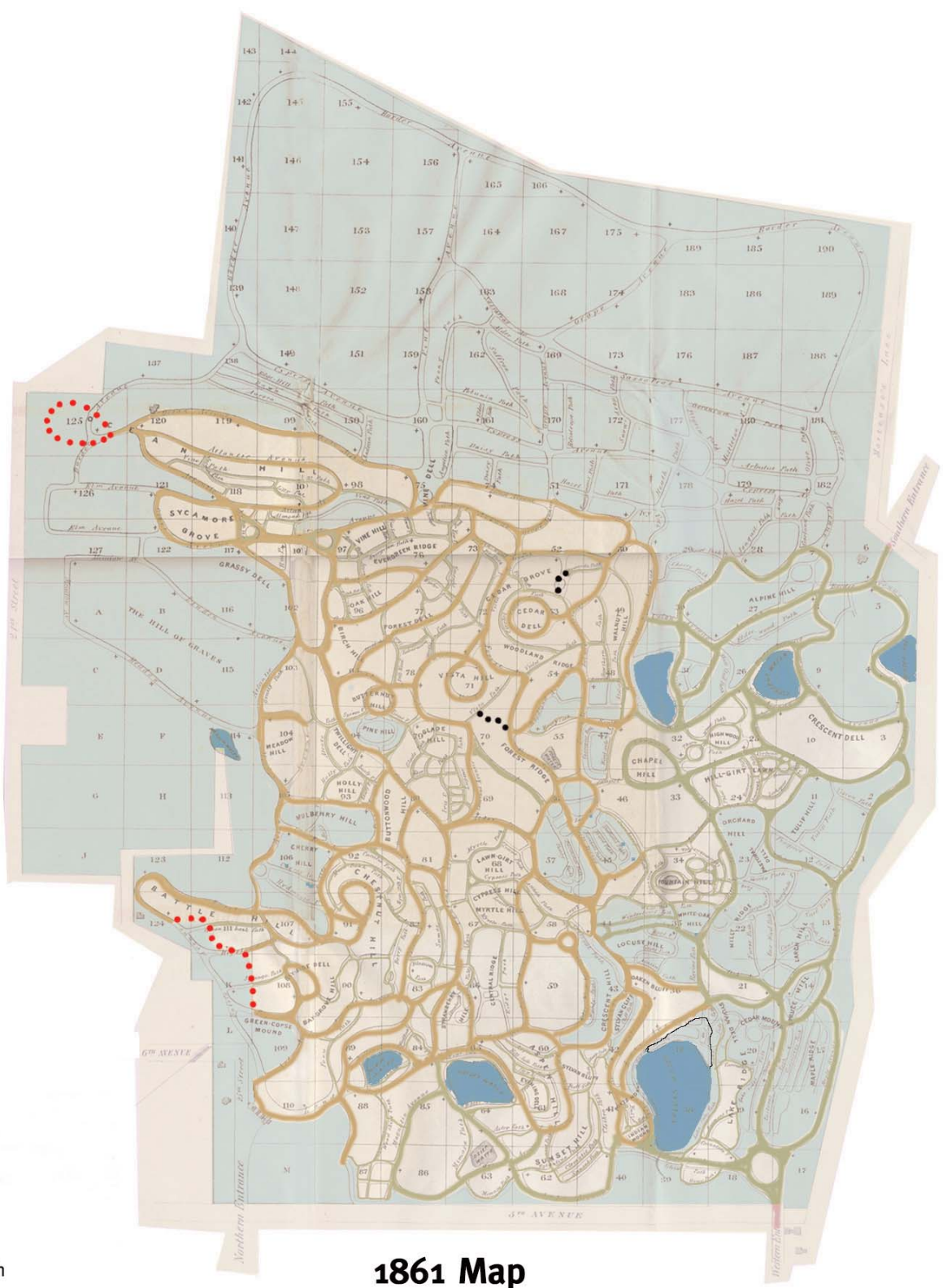
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- Existing Water
- New Water
- Non-paved Path
- Removed Original Road or Path
- Removed Later Road or Path



1846-Map

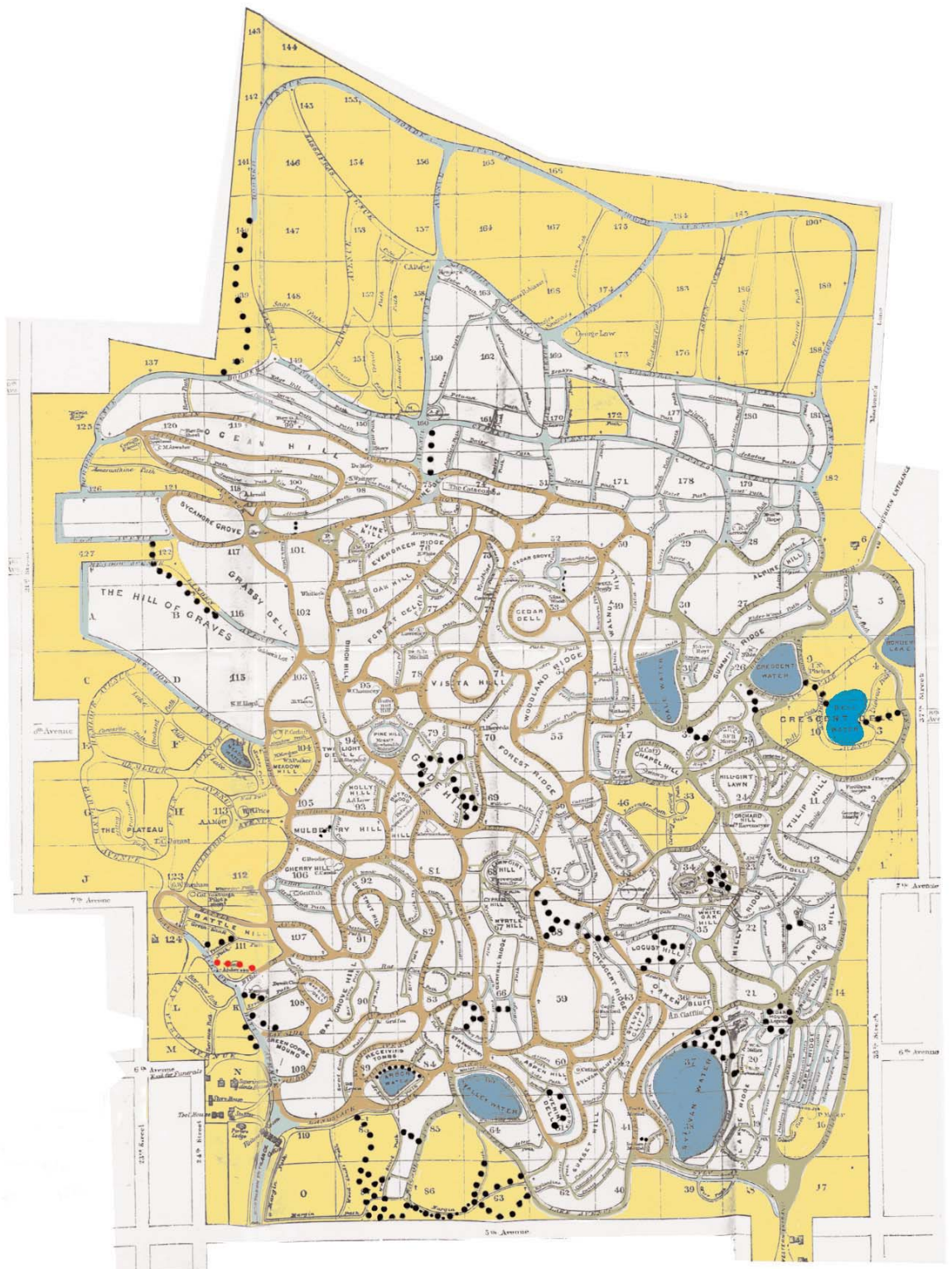


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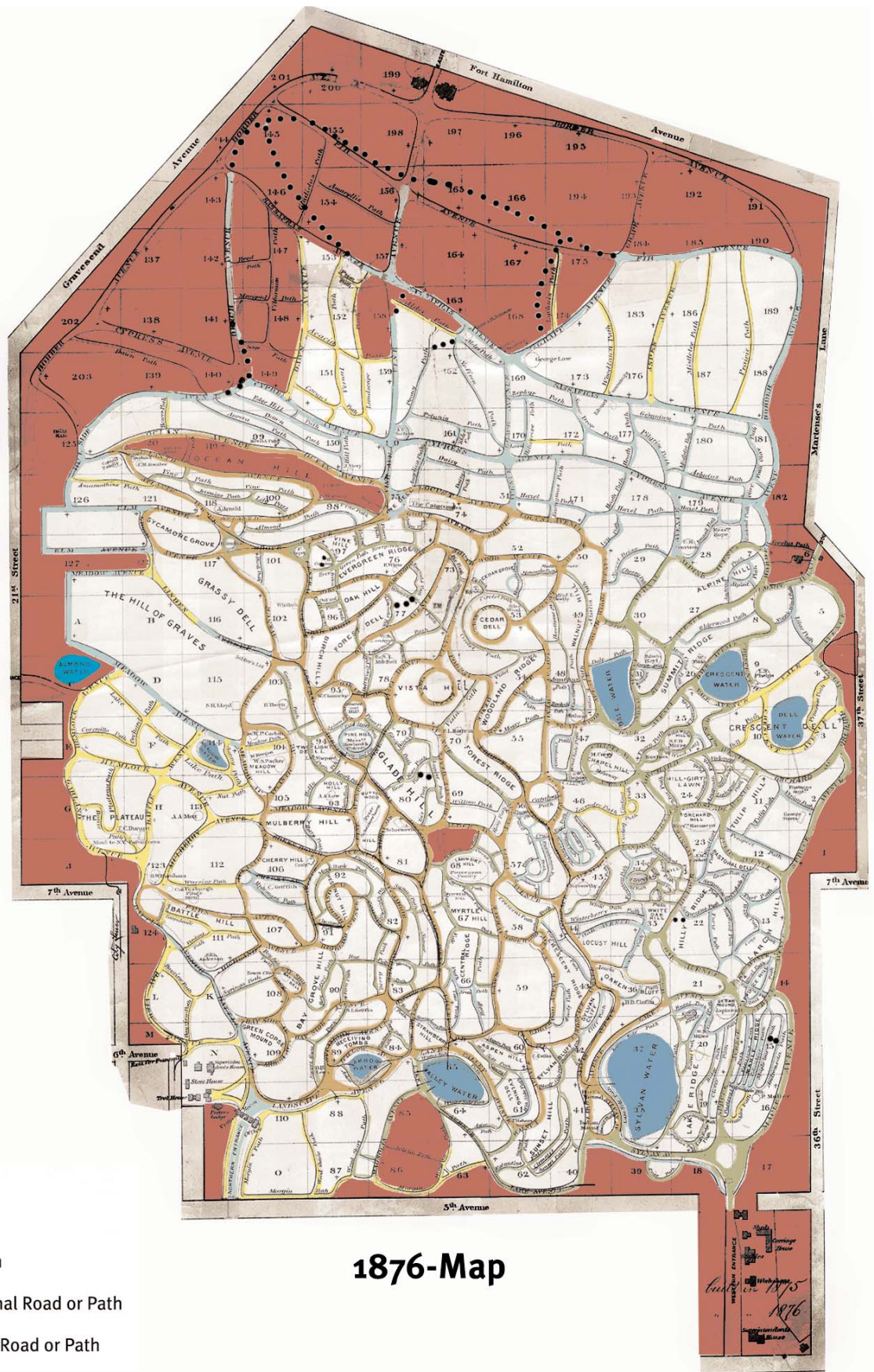


1861 Map

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- 1873
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- 1886
- 1895
- 1911
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- 1998
- 2003
- Existing Water
- New Water
- Non-paved Path
- Removed Original Road or Path
- Removed Later Road or Path



1873-Map



- 1846
- 1850
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- 1873
- 1876
- 1886
- 1895
- 1911
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- 1998
- 2003
- Existing Water
- New Water
- Non-paved Path
- Removed Original Road or Path
- Removed Later Road or Path

1876-Map

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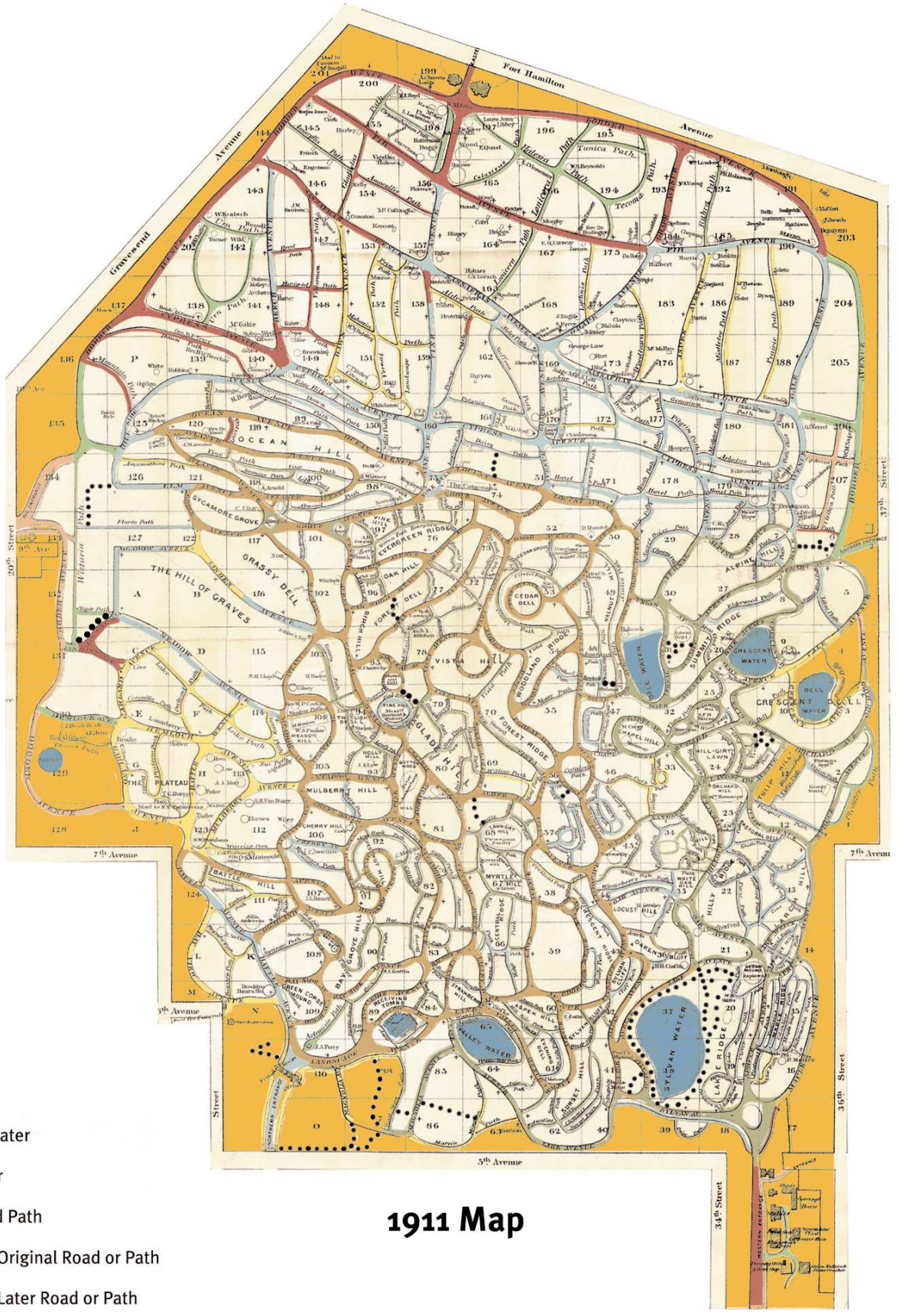


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- Existing Water
- New Water
- Non-paved Path
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1895-Map



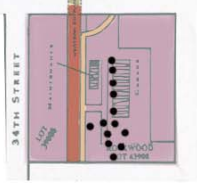
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- Existing Water
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- Non-paved Path
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1911 Map

- 1846
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- 2003
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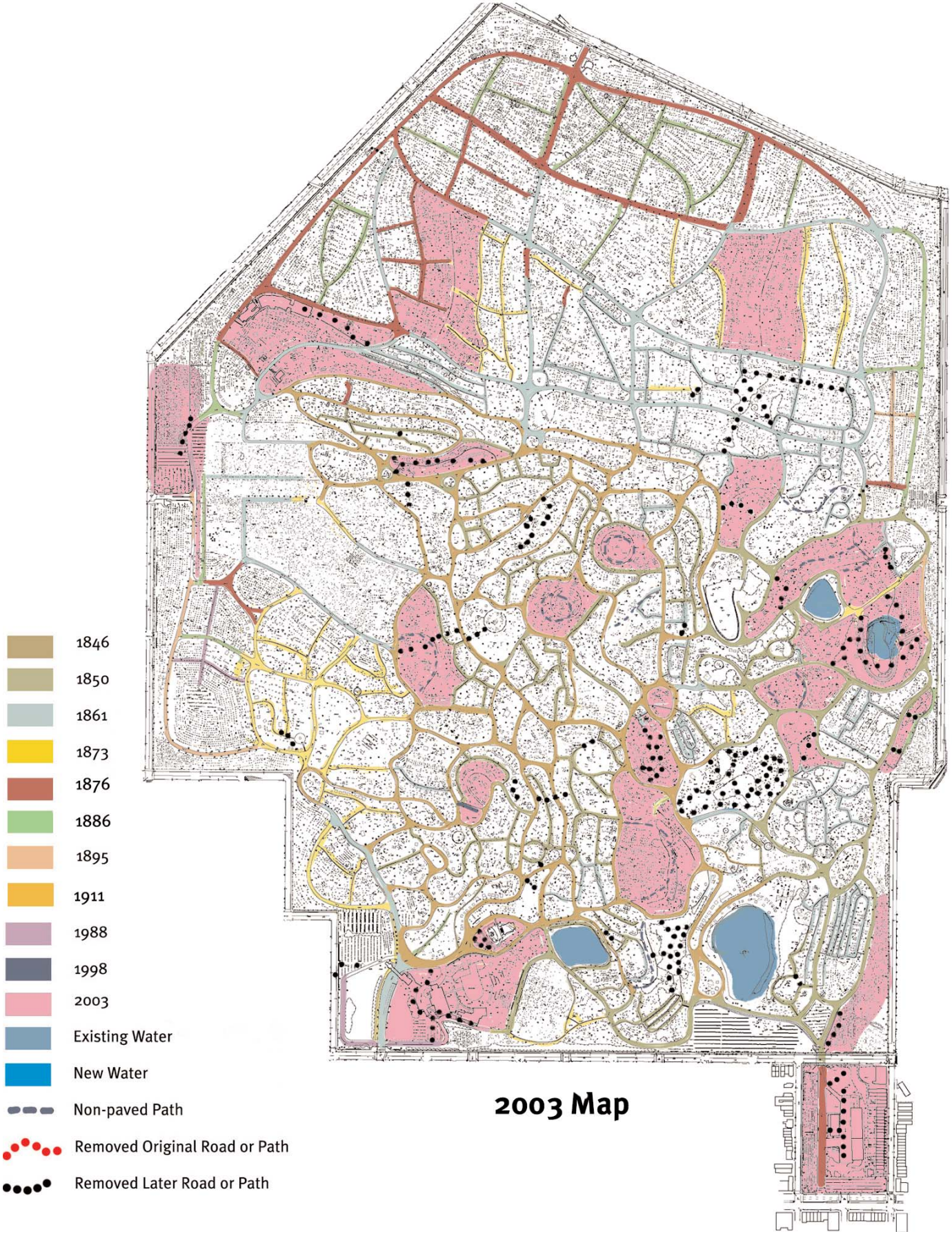
1988-Map

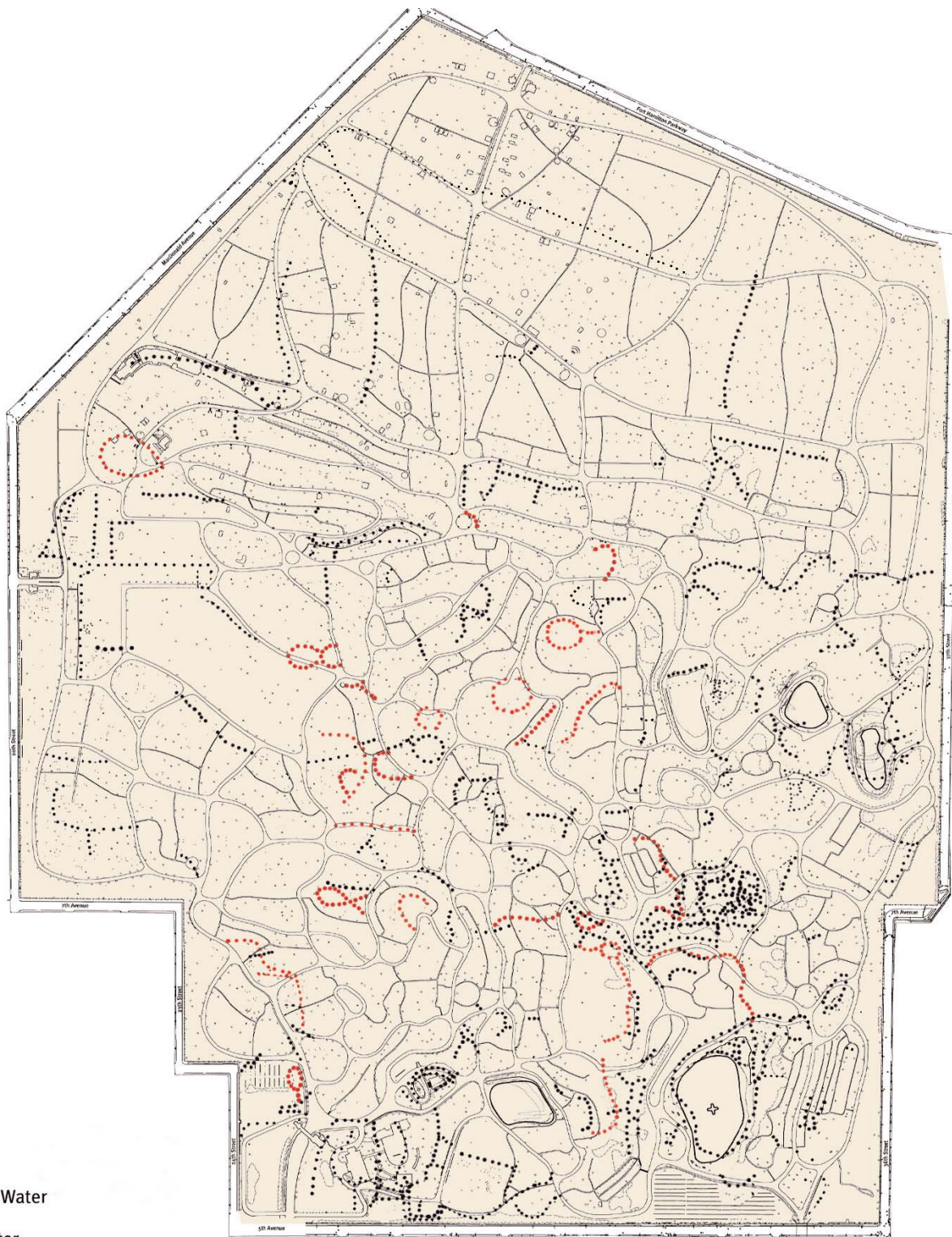


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- Existing Water
- New Water
- Non-paved Path
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1998-Map





- 1846
- 1850
- 1861
- 1873
- 1876
- 1886
- 1895
- 1911
- 1988
- 1998
- 2003
- Existing Water
- New Water

- Non-paved Path
- Removed Original Road or Path
- Removed Later Road or Path

All Path Removals



Green-Wood Timeline					
Landscape Highlights					
Year	At Green-wood	Parcel size	Publications	Maps	Outside Influences
1838	Green-wood incorporated. Charter April 11. First survey in winter--design begun. Original tree species on site noted.	178 acres	Green-Wood Cemetery: D32		English Picturesque Garden movement, Mount Auburn, Rousseau, Emerson, Panic of 1837--depressed land values.
1839	Original site had fine native forest. The intent was to keep it and add to it in places. How land was chosen, design intent. 4 1/2 miles of road graded to show the beauty of the contours. "The Tour" followed these roads to entice buyers. First map of boundaries on file. Contractor selected to build "The Tour" main Ave. DBD published pamphlet advertising GW		Exposition		Spring Grove Cemetery of Cincinnati call for removal of lot enclosures to remove aesthetics + reduce costs for owners.
1840	First interments. Decision to enclose site w/substantial picket fence				Douglass-GW 1st Pres. Leaves for Kenyon College
1841	Arrangements made to begin enclosing the cemetery with fence. 2 miles of fence erected. DBD plan adopted by Trustees. DBD resigns.				
1842	162 burials to date. 100 lots go to the Presbyterian Church of Bklyn	175 acres			
1843	Only 352 burials to date.				
1844	DeWitt Clinton's remains moved to Green-Wood. Additional 354 burials. Odd Fellows get plot. Unitarians of Bkln get plot on Vista Hill	+ 9 acres			Panic 1837 easing
1845	Acreage bet 30th St & 5th Ave purchased.				
1846	GW authorized by state to purchase additional 125 acres.		Cleveland Rural Cemetery	Map-scanned	
1847	Colored Orphans Asylum gets 3 lots y the west ent To be enclosed. More property in NE corner purchased. German Lutheran Church Bkly 44 lots nr laurel Ave. GW wants to establish permanent ent by Sylvan water or elsewhere. Lot size changes from 300 with margins to 378 w/o margins.	+ 67 acres	Cleveland Rural Cemetery		
1848	Original gate keeper's cottage at south entrance erected.				
1849	David Bates Douglass dies. Chapel Hill deemes site for Chapel	+ 3 acres	Directory for Visitors		
1850	DBD remains to come to GW and get monument		Directory for Visitors	Map-scanned	
1851	Oder of United Americans applies for George W monument atop Mt. Washington			Atlas of Green-Wood Cemetery	
1852	48 Skylarks, 24 Woodlarks, 48 Goldfinches, 24 English Robins, 12 Thrushes, 12 Blackbirds imported.	+ 85 acres			
1853	Character of landscape described. Iron fence enclosures ok. Quickset hedge charming and simple. Rules for fences, walls, gates. Notes that Mt. Auburn is already overplanted and warns of the same at Green-Wood. Beds, parterres, gravel walks, exotic plants not appropriate. Trailing roses or flowers ok. 70 pages of specs for monuments, tombs & symbols included.		Hints Concerning Green-Wood		
1854	Catacombs known as the "Thirty Vaults" is built into the hillside bordering sections 74-75 with skylights. Roof is planted with flowers and shrubbery and enclosed with an evergreen hedge. Iron fence enclosure around cemetery is recommended as soon as streets surrounding are graded.		The Arch-sp/sum, 2003		
1855	Well house at Sylvan water erected. Upjohn plans for Chapel submitted.				
1856					
1857			Directory Guide for Visitors		Central Park construction begun
1858	5th Ave graded and Cemetery is 20' higher than road and existing entrance. Lots 710-1314, reserved as public monument may be sold.				
1859	Iron for boundary fence imported from England. Foundation for gates in place. 23 acres on Southeastern boundary purchased. Rabbits and pheasants introduced to the Cemetery.	+ 23 acres	The Arch-spring/summer, 2000		
1860	New 5th Ave entrance to be designed. Archway at visitors entrance complete in March. Rules & regs updated. Funeral ent. Closed to be designed into new ent. St. Ann's buys 20 lots.				
1861	2,600 ft of iron fence placed along western border. Owners prohibited from planting anything without board approval as landscape has gotten out of hand. Much grading along western boundary. Upjohn gate constructed. Cleaveland hired to do A History of Green-Wood. Board votes down Chapel on Chapel Hill and opens lots for burial. Army officers killed in Mexico will be granted lots.	various MCYPA articles	Annual Report, A History...1838-1864	Map-scanned	Civil War begins
1862	North entrance opened. A stable and tool house erected at north entrance. Bldgs are constructed at entrance for Supt. Of Interments, offices for surveyor and engineer and grave digger housing. A dignified and impressive bldg for visitors with a clock tower, rest rooms and retiring rooms has beautiful Christian architecture depicting religious pediment sculpture and skillful masonry. 52 city lots bet 23rd St & 6th Ave bought. GW offers free interments for all NY soldiers to die from battle wounds, or sickness during war in section 115--area of Meadow water. A flagstaff will be erected o mark the area. Section 5 will be for House of Destitute Children. Property with former gravel pit purchased.		Annual Report		

Year	At Green-wood	Parcel size	Publications	Maps	Outside Influences
1863	Southeastern corner tract purchased which straightens southern boundary to 36th St. A new Map is made available. Many trees which were obstructions above or below ground have been removed. Cemetery urges lot owners to plan judiciously. Willows are pointed out as weak. "However pleasant shade, the sunshine is better". "There is nothing so neat and clean--nothing that is so pleasing, at all seasons and to all eyes, as close-shaven greensward". St Ann's Church for Deaf mutes granted a lot. Five Points House of Industry granted no more than 4 lots. Chapel Hill goes on sale for lots as no Chapel is to be built here.		Annual Report		Last stages of Central Park (106th-110th streets) constructed
1864	Ponds drew off city water during drought.		Annual Report		
1865	5th Ave. gate completed.		Annual Report		Civil War ends
1866	Iron path signs first added. 1st steam engine pump added to Dell water to recirculate and keep scum off surface.		Annual Report, Hist. From 1838-1864		Construction of Prospect Park begins
1867	The Plateau is to have "the most extensive and imposing view...to be found of the bay and harbor of New York..." Cemetery buy land from 4th-5th Ave to prevent nuisance businesses from cropping up on their borders--drinking establishments.		Annual Report		
1868	Fourth Avenue entrance is developed. Existing eastern entrance is developed, completing the design intent of entrances at the four "cardinal points". "...rarest flowers mix with commonest garden plants under a bower of trees". Magnificent view of NY Harbor. Note that way finding is difficult. "Nearly every lot is enclosed by a handsome fence, railing or hedge". Many trees and shrubs removed that were in excess. First test of "Scrimshaw Pavement" comprised of tar, pebbles, coal ash, and sand.		Annual Report, Herald article		Prospect Park completed
1869	"Scrimshaw Pavement" is adopted throughout on paths (previously gravel). Arborvitae hedges, rich flowers, and Chestnut trees noted. Dale water is "clammy" and "repulsive" as are other water bodies. Fourth Avenue fence is erected; a carpenter and blacksmith shop as well as evergreen trees are integrated into the Fourth Avenue entrance. Fifty iron hitching posts are placed across the grounds. More "tasteful" (durable and with less repetition) monuments are being erected. 3-4 lots granted to Chruch Charity Foundation, 4 lots to Old Lady's Home. Rules & regs revised. Several small unsightly buildings are removed at 4th Ave. entrance.		Annual Report, Herald article		Herald notes that other cemeteries such as Spring Grove in Cincinnati, on par with Green-Wood have preferred to remove enclosures.
1870	Adoption of "Scrimshaw" paths is completed. Fifty additional hitching posts are added. Cast iron arrows "To the Entrance" are added for way finding. Lakes are filled in with runoff from roads and lawns. Sylvan Water is enlarged (pumping engines for all water bodies is at Sylvan Water). The cleansing and deepening of lakes begins.		Annual Report		
1871	Osier Water filled in. Border Water partially filled in for burials (neither were reservoirs for drainage or runoff). Land purchase of eastern & NE boundaries		Annual Report		
1872	Crescent Dell becomes a lake/reservoir due to need to collect runoff; in addition a pipe is built to Sylvan waters to manage overflow and maintain passage on roads. All paths are concrete. Average lot is 14 x 27 lots with 3-4' borders around, combined in endless variation. Larger lots allow for preservation of rural character. All lots must be enclosed or have corner markers. Walls allowed to 1' ht or 18" ht (discrepancy) w/o railing but not wood. No post & chains either. Post and rail ok. Iron railings discouraged. Granite coping ok. Owners my add plants trees, shrubs within lot or border and use their own gardeners. Hedges are discouraged b/c unsightly if partially dead, constant maintenance, shading, too great height. Flower gardens not appropriate. Bedding plants as grave blankets are prevelent. "Nothing coarse or incongruous with the object and place should be chosen" Delicate and unobtrusive flowers are preferred. Grouping trees around existing shrubbery in harmony is favored. The close-cropped greensward is the preferred look. No planting outside lot. No Pines--too tall and wide cut off views and sun. No weak trees like Weeping Willows. Roads are constructed of stone covered in gravel.Cemetery may remove plant if unsightly, inconvenient or detrimental. Copious rules for monuments & vaults listed. Horse chestnut, Hawthorn, Oleander, Lilac, Violets, Musk Roses, potted plants, Heliotropes, Lilies of the Valley--heady perfume in the air. All	413 acres	Annual Report, Rules and Regulations, Herald article		
	are recommended. Small evergreens are recommended too. Land along Flatbush purchasedSevere winter kills many evergreens, especially native cedars and arborvitae; hedges are also generally damaged and the planting of hedges is strongly discouraged hereafter. First anti-hedge directive.		Annual Report		
1873	Two policemen are hired for early and late patrol.	440 acres	Annual Report, Pocket Guide to Green-Wood Cemetery	Map-scanned	Depression of 1873 affecting cemetery income
1874	Additional lands purchased. Temp wooden fence on perimeter. Valley & Arbor Water have jets. Hardwood ash mulch used to improve lawn. Marble is replacing granite as choice for monuments. Hedges no longer welcome enclosures--resolution against June 10th 1874. Low granite posts & rails new preference. New planting regulations require a planting plan be presented 48 hrs before planting to get superintendent permission to plant, even inside plot. Fragrant roses mentioned, No Willows, Lindens, Poplars, Ailanthus, No evergreens along border of Avenues or paths.		Herald article, Annual Report	map scanned, flat file map	Depression of 1873 affecting cemetery income

Year	At Green-wood	Parcel size	Publications	Maps	Outside Influences
1875	Still acquiring land and grading all winter. Permanent fence almost completed, Upjohn Shelter House erected at Southwood Ave, all cottages repaired, Wood ash continues to fertilize lawns, Evergreens along borders of paths and roads removed. Unsightly trees removed. Hedges removed--ornamental iron bars replace them as markers at cemetery's expense. Board unanimous to remove excessive planting--reasons cited. Drainage piping begun to relieve overburdened gutters. Runoff flows to Bay or Lakes or 25 new cesspools. Road and scrimshaw paths under repair. Many arborvitae removed due to storm damage. Condition of iron fences is poor due to owner neglect. Perpetual care contracts are urged by cemetery. Steam roller purchase. Pamphlet about planting is distributed to owners.		Herald article, Annual Report, D91 List of Deciduous Trees for Cemeteries	flat file map	Depression of 1873 affecting cemetery income
1876	Almost all cobblestone gutters removed. Mole problem necessitates the extermination of 1700 moles. All bldgs in perfect condition. fuchsias, red roses, geraniums, honeysuckle, oaks, beeches and immaculate maintenance "nothing but luxuriant bloom and graceful order meet the eye, to the farthest limits of the grounds". Upjohn plans for eastern entrance approved. Deed re-worded so that owners must have enclosures conform to cemetery regulations. Rules & regs of 1872 revised. Ferns, trailing vines found commonly. Removal of trees blocking interior views has improved the cemetery. All evergreens along roads are prohibited. They are removed. Unsightly hedges to be removed and replaced with ornamental granite corner markers at cemetery expense.		Herald article, Annual Report, Landscape Recommendations	flat file map, map scanned	
1877	Cobblestone gutters removed and replaced with underground drainage. Roads added, regraded and widened. Path connections to roads regraded. Cast iron fenders placed along roads to protect against carriage damage of property. A 925' long 7'-9" high retaining wall built along 5th Ave. to keep slides from displacing the fence. Has happened twice before. New eastern entrance added. 584 more moles exterminated. Hurricane destroyed 70 large trees from Maple Ridge in SW to Public lots near Ocean Hill--every Willow in its path. Only 20 new trees planted by lot owners in past year. Carriage Tours begin. Eastern ent complete except low wall to keep cattle out. All grounds south of eastern ent have been graded & paths covered w/scrimshaw. Ground north of east ent will be graded by spring.		Herald article, Annual Report		
1878	Stone wall along eastern entrance complete. Roads extended. Grading north & east of new eastern entrance. All roads have been widened--tot 18.5 miles (more than any cemetery or park in the US). 17 miles of paths. Sewerage substantially complete. Iron fence added on western boundary from 21st to 23rd St. Iron bar bollards added along Battle Ave because of steep grade. 42 moles exterminated. 297 lots enclosed with granite & bar.		Annual Report		
1879	Grading at Gravesend & Ft Hamilton East. 20-21st bet 9th & 10th Aves, northeastern entrance, 7th Ave bet 36th & 37th St. New paths added Mountain, Hedera, Valley, Highland, Tulip, Wisteria, Dawn, Gladiola. Drainage improvements complete--97 cesspools. Iron bars added to 23rd St stone wall to prevent trespassing. 206 fenders added (tot 2,105) High iron rails, once thought necessary to protect monuments, now being replaced by owners with low granite post & bar. New stable & shed at western entrance. Imported Rhododendrons and "other valuable plants" doing well "cheerful attractions" near structures.		Suggestion to Lot Owners-bequests, Annual Report		
1880	Oleaster path new. Army worm infestation cleaned up in 3 days due to unplanned Sparrow intervention. Breakdown of fences/enclosure types included. Granite post and one bar the clear choice of enclosure over iron fences with 263. Majority of others involve granite & variety of posts. Total enclosed 377. Granite steps to lots-19. 11 more iron railings removed. Small visitor bldg at north entrance erected. 52 iron fenders added. Lot owners cultivating "bright flowers and plants of variegated leaves" makes the grounds attractive. No pet burials allowed.		Carriage Tour book, Annual Report		
1881	Plants are getting stolen. Cemetery offers \$100 reward for info leading to conviction. More than 100 dogwoods planted at eastern Entrance. Introduction of 40 Grey Squirrels swells to 150 by time of Annual Report.		Annual Report		
1882	Granite steps added at public lots to improve access. Board authorizes cem to enlarge boundaries to included 20th-21st st bet 7-10th Ave. & straighten southern border between 9th & FT Hamilton on 37th St.		Suggestion to Lot Owners-bequests, Annual Report		
1883	13 Silver Maples removed along approach to main entrance to allow for path widening and room for interplanted Elms (planted among maples in 1881) to expand. 26 Norway Spruce planted on 3 sides of cemetery inside boundary fence to create privacy for that area. 50 Maples (various) set out on ground east of Ocean Hill making an already desirable area more so. Road resurfacing technique specified.		Annual Report		
1884	Resurfacing roads, gutters repaved, paths repaired or remade. Frequent cutting--12 times a summer-- makes lawn great. 23 Amer. Elms planted on sidewalk on 7th Ave bet 20-21st St. Superintendent bldg removed. Southern boundary straightened by land purchase between cemetery and 37th Street. Old frame shed removed. Machines now housed in new brick bldg near western entrance (site of former superintendent bldg) A row of evergreens to be closely planted on the 2 sides exposed and make a handsome approach to cemetery. Dell Water regraded to reduce constant flooding. GW to try to get an act passed to extend boundaries to current size to give them immunity from the laying of roads.	474 Acres	Annual Report	flat file map	

Year	At Green-wood	Parcel size	Publications	Maps	Outside Influences
1885	Most objectionable enclosure is the arborvitae, always half-dead. Cemetery reiterates desire to remove all hedges at own expense. New reservoir planned for northern section water supply. Removal of Welsh burial ground enclosure. Bodies moved on-site. Marker shows former location. Much grading this year. Roads and paths continued to be repaired. 1848 gate keeper's cottage burns down. New gate keeper's cottage erected on site of original.		Annual Report		
1886	New reservoir on highest point in cemetery "Mt Washington".		Annual Report	flat file map	
1887	More grading and repair.		Annual Report		
1888	Dell Water drained (near South entrance) provides overflow from Dale & Crescent Waters. Henry Pierrepont dies and is interred at Green-Wood.		Annual Report		
1889	5th Ave. extension of the Union Elevated Railroad creates new station at the main entrance--a boon for lot owners. Another station at 36th St near western entrance to follow.		Annual Report		
1890	"Mt Washington" graded and encircled by large Ave. for new lots.		Annual Report		
1891	Grading noted.		Green-Wood Illustrated, Annual Report		
1892	1300 hedges removed, to be replace by grass. Boundaries to be marked with iron stakes. Scrimshaw paths improved. Visitors bldg at 8th Ave. entrance moved to Ocean Hill entrance at 9th Ave. & 20th, area graded.		Annual Report		
1893	Cemetery pays Brooklyn \$15,000 to grade 5th Ave along their western boundary. Office bldg expanded on west side. Cemetery purchases 11 lots on southwest border to avoid the erection of a high wall and prevent tenement bldgs from overlooking the western entrance. Scrimshaw path (onsite) moved to new area from "Mt Washington". Iron fence erected along northern boundary. Berm constructed along boundary at 20th St. Privet has been planted and a row of trees planted. Screens along boundaries encouraged. Magnolia Ave area graded-nr main entrance. All unsightly hedges removed.		Annual Report		
1894	Iron fence along 20th St. to Gravesend Ave. Bank of earth continued inside boundary to 8th Ave natural bank. Old 8th Ave entrance gone. Almond Water (in this area) filled. 230 dilapidated enclosures removed-not specified. More grading and scrimshaw path repair. Gutters repaired.		Annual Report		
1895	SW boundary has been straightened by exchange of certain gores of land near western entrance--can remove unsightly features adjacent to property. More iron boundary fence.		Annual Report	Map-scanned	
1896	Filled pond near northern entrance for new plots. Provide new trees to replace removals along Aves and newly graded areas. Greater than 900 trees set out with ornamental shrubs. Iron fence along Southern boundary. Total boundary fence almost complete. 250 enclosures removed. Grading and repaving. Private phones connect all entrances, Shelter House, Police Captain's House, Foreman of Interment's house, Superintendent office.		Annual Report		
1897	Purchase of gore along Gravesend has straightened that boundary. Purchase of gore along 24th St opposite main Entrance for future improvements. New plant for scrimshaw paths/asphalt erected next to engine house (no longer at 36th St and now out of view). 1500 deciduous trees & shrubs planted. 700 evergreens. Grading repaving, laying water pipe (ongoing for several years due to increased water needs) gutter repaving. 109 enclosures removed.		Annual Report		
1898	Old engine house (near Sylvan Water) removed as well failed. More concrete gutter laid. Bank along new Gravesend Ave boundary with privet hedge added. 800 deciduous trees, 1000 evergreens added. Continue remaking scrimshaw paths.		Annual Report		
1899	New wooden waiting and rest rooms at south entrance. 600 trees/shrubs removed. All plaths & roads in good condition. Aquatic plants added to Arbor Water to clear up scum. Will try in other ponds as well.		Annual Report		
1900	4 new wells dug. More enclosures removed. Approx. 3000 trees and shrubs planted. "Mt Washington" graded and paths added.		Annual Report		
1901	More enclosures removed. Trees and shrubs removed and replanted-no spec. Many Aves. remade with Peekskill gravel (better than previous limestone).		Annual Report		
1902	Reservoir on Fountain Hill failed and is filled and graded. Monuments repaired almost all repaired in last 2 years.		Annual Report		
1903	2 storms (August & Oct) caused damage to roads & boundary fence. Sidewalk added along 5th Ave bet 26-26th St. and 36th St. bet 5th-7th Ave. (first sidewalk added). Stone wall rebuilt along archway of 5th & 36th St.		Annual Report		
1904	House at north entrance (superintendent & Asst) removed and area graded. Cement sidewalk on Ft Hamilton from Gravesend to east entrance. More enclosures removed.		Annual Report		
1905	Scrimshaw plant rebuilt on same site. Sidewalk on 20th bet 7th & 8th Ave. Dumping ground at Sylvan Water removed. Monuments repaired and righted.		Annual Report		
1906	Stable being rebuilt on 26th & 6th Ave. Stables at north entrance removed. Old stone road resurfaced with broken stone and gravel paving. 9th Ave entrance sandy soil replaced to use for lots. New survey of cemetery (35 acres unsold).		Annual Report		
1907	Old stable torn down. More Aves remade with the above gravel method. New furnace burns leaves without smoke (which scares horses). New concrete steps replace wooden ones at 5th Ave. western entrance. Stable foreman house removed at 7th Ave & 23rd. Scrimshaw paths removed & replaced with concrete at the offices. 10 lots on 24th adjoining the cemetery purchased to demolish and improve cemetery entrance.		Annual Report	flat file map	

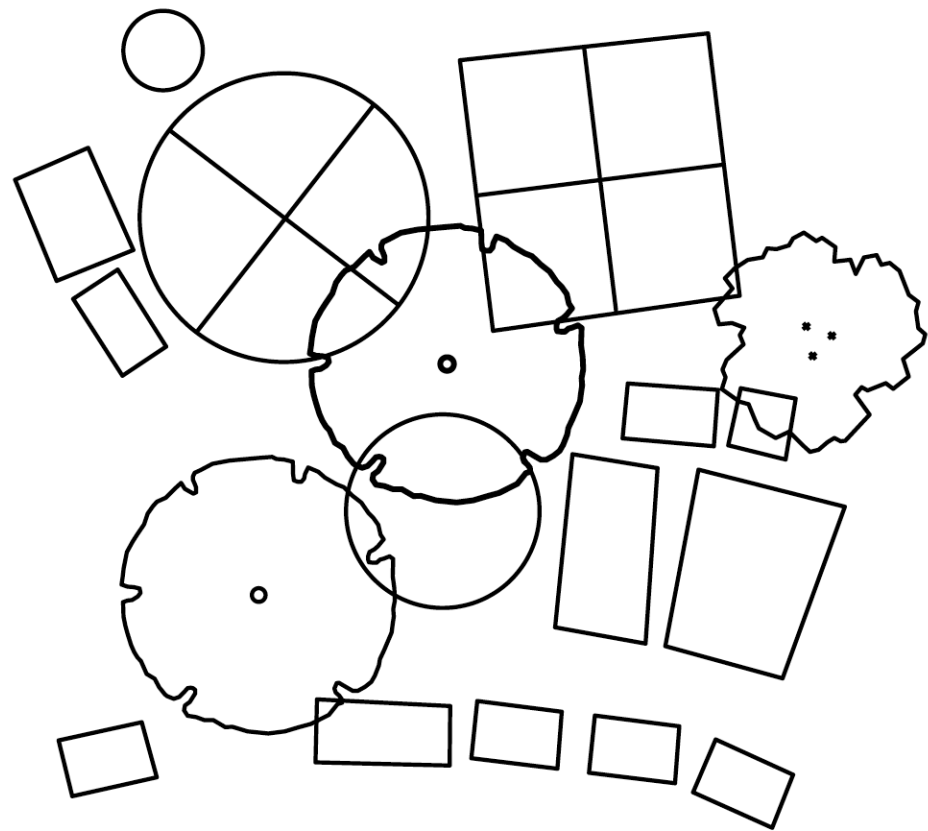
Year	At Green-wood	Parcel size	Publications	Maps	Outside Influences
1908	"Terracolio" process "a preparation for the prevention of dust" on roads tried after discussion with Prospect Pk Superintendent. Much repair of paths and gutters. New paths made. New receiving tomb finished next April. Columbarium will be part of it.		Annual Report	Map-scanned	
1909	Thirty vaults stripped of earth & replanted. Grade at northern entrance raised. 382 dead trees/shrubs removed. 1126 planted.		Annual Report		
1910			Annual Report		
1911	Chapel construction begins on site of Arbor Water. Grass mown 7 times. Roads in good repair. New gates are built at northern entrance with columns. 150 dead trees removed. 96 deciduous trees and 695 evergreens planted. 12,000 trees sprayed for scale, parasitic growth and insects. 79 tree guards placed around trees along Ft Hamilton Ave. concrete steps on single greave lots at Linden, Meadow, & Maples Aves. to deal with steep grades.		Annual Report	flat file map-scanned	
1912	About 1000 trees planted-no spec. Roads and paths in good shape. Water pipe laid in 5th Ave, not under sidewalk as GW paid City \$20,000 difference inn construction costs to preserve the trees, iron fence and retaining wall along 5th Ave. from being demolished for construction. 4 trucks purchased. Chapel not yet complete.		Annual Report		
1913	Chapel construction finished. No plants surround it initially. 800 trees (various) planted. 100 trees removed. Low ground between Magnolia & Woodskirt path graded, seeded and ready in 1814 for burials.		Annual Report		
1914	A new Dept. for tree care organized. 560 dead trees removed. 185 deciduous trees and 400 evergreens planted. Fill added bet Magnolia & Woodskirt path to be planted with grass.		Suggestions to lot owners, Annual Report		
1915	Prospect Pk West extension into Cemetery at 20th purchased. Entrance to 9th Ave & 20th will be realigned with Prospect Pk West. Water on the west side of Orchard Ave, "Pickets Pond" has been drained by pipes to cesspools. New concrete grave shelter for Grave Dept. 94 enclosures removed.		Annual Report		
1916	Labor conditions necessitate less maintenance in cemetery. Extensive changes to pumping plant needed due to work on 4th Ave subway. 4 new wells dug.		Annual Report		Labor situation hobbles cemetery care
1917	Asphalt replaces some roads, asphalt tile replaces some paths. 11 horses employed. Plants in private lot can be removed if detrimental. Endless specifications for fences, monuments, gates, gate posts, vaults, nor arbors or wirework, only galvanized iron vases and inside lot. Permit required 2 days before any planting. No Willows, Euonymus japonica, Ailanthus, Poplars, Pyrus, Crateagus, Apples, Plums, or Quinces. Spiraea, Rhododendron, Syringa only on large plots. No hedges at all. Single graves may plant Myrtle, Ivy, Geraniums, Coleus, Pansies-other annuals. No shrubs or trees. Lot owners only on horseback, car, or bike. No motorcycles, food, drink or dogs.		Annual Report, Rules & Regulations		America enters WWI. hard to get competent labor. Labor situation hobbles cemetery care
1918	Landscape in decline.		Annual Report		WWI ends. workers restricted to an 8-hour day
1919	Landscape in decline, more road resurfacing & concrete tile paths. 220 dead trees removed. 30 dec/275 evergreen trees planted		Annual Report		
1920	Monument to Liberty on Battle Hill commemorated. Motor omnibus service begun on planned route thru cemetery.		Annual Report		
1921	Caterpillar tractor bought for snow removal- replaces 2 teams of horses. 9 horses employed.		Annual Report		labor conditions improved
1922	More asphalt tiles replace old scrimshaw paths. 238 dead trees removed. 50 Elms/300 evergreen trees planted. Grounds at best condition since labor troubles in 1917. 4-8 horses employed.		Annual Report		
1923	Concrete bridge over rail tract at 9th & 37th St replaces wooden bridge.		Annual Report		
1924	154 dead trees removed. 71 dec/500 evergreen planted. 111 dilapidated iron fences removed. Approx. 700 monuments straightened. More asphalt tile replaces scrimshaw. Plans for new entrance bldg at 9th & 27th. No mention of horses		Annual Report		
1925	Continued replacement of scrimshaw with asphalt. 150 dead trees removed. 127 dec/700 evergreen planted. 110 iron fences removed. Want to persuade all owners to removed fences.		Annual Report		
1926	Big rain damages large area requiring major filling operation. 90 dead trees removed. Noted that the oldest trees are dying off and no tree except diseased should be removed. Tarvia noted as a road surface replacement. New entrance at Prospect Pk & 20th complete.		Annual Report		
1927	Area a Prospect Pk West and 20th St graded & planted with trees & shrubs. New Bldg at Entrance. 700 CY earth used to repair 3 big rains of 1927. Rule V amended. Lot owneres may plant trees shrubs, plants on own plot but may not cut down any tree there w/o permission.		Annual Report, Minutes of Trustees		
1928	More road and path restoration with asphalt. Stone wall around Valley Water replaced.		Annual Report		
1929	Road improvements begun in 1924 nearly completed. 1st class condition achieved. 92 dead trees removed & not replaced. Most on private lots. Hope to replace elsewhere on site. Decision to construct steps along steep paths approved. Decision to restrict cars to owners only upheld as roads are viewed dangerous and auto/ped interaction is a danger. Successful fight to keep proposed 8th Ave extension from going across, over or under Green-Wood.		Annual Report, Minutes of Trustees		Stock market crash. No mention of affect.
1930	Stone cross atop Chapel struck by lightning and replaced. Rebuilt wall around Sylvan Water.		Annual Report		

Year	At Green-wood	Parcel size	Publications	Maps	Outside Influences
1931	Roads reconstructed, resurfaced, asphalt tile paths made and fixed. 60 deciduous trees planted 24 flowering trees, 475 evergreens. 52 enclosures removed. 3,490 headstones fixed.		Annual Report		
1932	Landscape forester and arborist engaged. Asphalt tile continues to replace scrimshaw paths.		Annual Report		
1933	More Macadam roads replaced with Tarvia, asphalt tile replaces scrimshaw paths. Approx. 198 enclosures removed (1/2 were old iron fences).		Annual Report		
1934	Roads changes to Tarvis, asphalt tile from scrimshaw. New incinerator at 35th & 4th Ave for cuttings, trimmings and rubbish. 125 enclosures removed. Board asks owners to approve new resolution to remove ALL enclosures (like other modern cemeteries do) GW will remove with owner consent and replace with corner markers at no charge.		Annual Report		
1935	Asphalt tile replace scrimshaw. 187 enclosures removed. 60 deciduous trees planted. 220 flowering trees planted. 123 dead trees removed. 3,035 monuments righted.		Annual Report		
1936	148 dead trees removed. 281 trees planted--236 were flowering. 59 enclosures removed. "These useless structures, which are not even ornamental..."		Annual Report		
1937	157 enclosures removed. 82 trees removed--mostly Black Cherry and Swamp Maples affected with disease or undesirable. 836 mostly flowering and evergreen trees planted. Consulting Landscape Forester/Arborist paid off. Trees are in excellent shape. 4,255 monuments righted. Retaining wall on Southwest boundary (7th Ave bet 36-37th St) completed, will be covered with vines for finished look.		Annual Report		
1938	306 enclosures removed. 731 monuments righted. 173 trees removed because of decay. 168 blown down during Sept storm. 59 dislocated were replanted. 654 mostly flowering and evergreen trees were planted. 473 shrubs planted. Main entrance offices extended-visitors room renovated.		Annual Report		
1939	569 enclosures removed. More than 6000 grave mounds leveled. New road and reconstructed road. Approx 26,000 lbs of arsenate of lead used to kill Japanese Beetle larvae infestation. 62 decayed trees removed.		Annual Report		WWII begins in Europe
1940	Reconstructed roads and paths and necessary. 22 deciduous trees removed. 44 planted. 162 evergreen planted in endowed plots. 159 fences removed. More than 100 grave mounds leveled.		Annual Report		
1941	Roads resurfaced. Clock tower at 34th St entrance demolished. Gate keeper's lodge still there. Shelter House at Softwood & Locust still there. Landscape Forester has 34 trees removed. 756 enclosures removed.		Annual Report		America enters WWII
1942	Removal of 1912 iron fences for war effort (approx. 300 tons).		Annual Report		
1943	625 enclosures removed for war effort.		Annual Report		
1944	Storm in Sept. caused 388 trees to be removed. 46 removed anyway. 72 lot enclosures and 68 monuments damaged. 444 enclosures removed.		Annual Report		
1945	249 enclosures removed.		Annual Report		WWII ends
1946	465 enclosures removed (tot. 5600 over last 10 yrs).		Annual Report		
1947	Brownstone gate renovated. 715 enclosures removed (tot 6300 over last 11 yrs).		Annual Report		
1948	344 enclosures removed.		Annual Report		
1949	84 enclosures removed.		Annual Report		
1950	Severe winter kills many evergreens, especially native cedars and arborvitae; hedges are also generally damaged. Severe wind storm on Nov. 25th takes out 45 large trees and 32 small ones. Prospect Pk damage much worse. 113 enclosures removed.		Annual Report		
1951	78 enclosures removed. Old main entrance bldg and several small bldgs demolished. 1 new bldg erected for maintenance at the corporations yards at 34th St. Much grading and drainage work done there.		Annual Report		
1952	307 enclosures removed. Labor saving devices purchased-not specified.		Annual Report		
1953	525 enclosures removed.		Annual Report		
1954	771 enclosures removed. 1st crematorium built in NYC in 50 yrs. Elderidge Snyder designed. Built by Radio City builder. Railed loggia overlooks urn garden. Flower border & rectangular pool in center. Other plantings flank door to assembly room.		Annual Report		
1955	Crematorium completed. Hydraulic boom on a tractor used to trim branches 30-40' up.		Annual Report		
1956	Crematory has a columbarium too. 1105 enclosures removed (3,884 since 1950) Continued reforestation and tree trimming. All Lawn View single graves have been sold. A new single grave area on Lake Ave. called Lake View was opened.		Annual Report		
1957	Reservoir in Section 129 abandoned and filled for new lots. Many shrubs and plantings for which no regular maintenance has been provided have been removed. 739 enclosures removed.		Annual Report		
1958	Motorola system allows all vehicles (7 cars 1 truck) to communicate with the office. 25th St Gate named NY Landmark. 608 enclosures removed.		Annual Report, Minutes of Trustees		
1959	Foot patrol discontinued and motor patrol begun. 2693 enclosures removed. New diamond-shaped garden in Urn Garden mentioned favorably. New 2-3 grave lots called the Garden offered in Section 112.		Annual Report, Minutes of Trustees		
1960	3,011 enclosures removed. Office interior renovated. Resolution passed. All iron furniture on lots to be removed as they are impediments to maintenance. Use of Merion Blue sod as an experiment. 3000 fences removed to date. 2000 to go.		Annual Report, Minutes of Trustees		

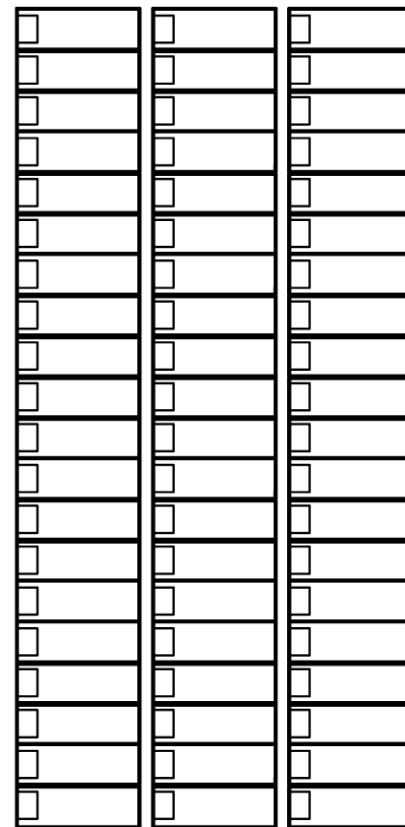
Year	At Green-wood	Parcel size	Publications	Maps	Outside Influences
1961	Work begun on 2nd columbarium in crematory. More than 1000 enclosures removed since 1950. Of the 38,000 lots, only 1500 enclosures remain. Most are under care of outside maintenance so no problem for cemetery.		Annual Report		
1962	Note made that the original tree removal policy was put into effect after the Dutch Elm disease epidemic. 500 trees removed to provide better growing conditions for grass. Electric alarms for fire and burglary installed at crematory and Garage and Maintenance bldgs. Audobon Society visits to determine whether bird sanctuary.		Annual Report, Minutes of Trustees		
1963	Merion Blue sod use begun in 1962 is working out well. No burning leaves after Dec. 31, 1963. Packer truck purchased to handle mechanical feeding. 24 leaf blowers bought. Severe winter of 1962 killed ivy & shrubs which were removed.		Annual Report		
1964	No landscape news.		Annual Report, Minutes of Trustees		
1965	Drought hasn't done much damage to plants. 2 compressor trucks do fall cleanup without burning. Landscape program to reduce operating costs begun in 1964 continues. Dead or undesirable plants removed. Above grade corner markers replaced with in-ground variety. Auto sprinklers added for drought control.		Annual Report, Minutes of Trustees		
1966	Labor strike affects burials. Bodies stored in receiving tombs. Tree planting program begun. Road resurfacing (22 miles total road) begins with 5 miles.		Annual Report, Minutes of Trustees		
1967	15 miles of road resurfaced. 275 trees "along various Avenues" and 200 specimen trees (mostly flowering) planted throughout cemetery. First note about vandalism so night patrols are now accompanied by dogs. 1700 tons of leaves collected. 5th Ave & 24th St unoccupied receiving tombs becomes single grave area. Cypress Ave bank? All single grave areas are sold. There are no plans for new ones at this time.		Annual Report, Minutes of Trustees		
1968	Columbarium in Crematory enlarged. Extensive tree pruning program begun. Night patrol with dogs successful. Developing a circle in service yard for about 335 burial lots.		Annual Report, Minutes of Trustees		
1969	Tree pruning program continues. Circle complete and to be sold in 1970. New labor strike - 8 weeks.		Annual Report, Minutes of Trustees		
1970	No landscape news. Vandalism noted. Chapel renovation underway. New lot next to 5th Ave & 25th St entrance to be sold after Service Yard lot is filled.		Annual Report, Minutes of Trustees		
1971	Vandalism still a problem despite patrols and dogs.		Annual Report		
1972	No landscape news. Vandalism noted.		Annual Report		
1973	Labor strike causes poor maintenance until Summer. Groups touring the cemetery are mentioned. Typical gas consumption is 50,000 gal/yr. Saving gas will be difficult.		Annual Report		
1974	Study to enlarge columbarium underway. Vandalism mentioned Begun reinforcing the perimeter fence with a concrete base.		Green-Wood-article in Naho Magazine, Annual Report		
1975	Columbarium extending within bldg. Continue concrete base under boundary fence. Replace obsolete sewer system. Vandalism noted.		Annual Report		
1976	Haven't sold single graves for several years. New relocated sewer and water lines allow for more single graves. Vandalism noted.		Annual Report		
1977	New columbarium extension complete. Continue supporting boundary fence. Feasibility studies on land behind crematorium will lot at 2-lot graves yielding 400 lots. Bordering 4th Ave will be an area of 900 single graves.		Annual Report		
1978	No landscape news. Vandalism noted.		Annual Report		
1979	Completion of Community Mausoleum is ongoing.		Annual Report		
1980	Approval for construction of Garden Mausoleum just west of Community Mausoleum. 2 levels leave room for future expansion. Rosewood burial site: 880 single graves open for burials. Continued boundary reinforcement.		Annual Report		
1981	Construction of Garden Mausoleum begun.		Annual Report		
1982	Another 8 wk strike. Garden Mausoleum in work. Greenwood opposes City Landmark status.		Annual Report		
1983	Landmark Gate refurbished. Roads reconditioned. Garden Mausoleum construction continues.		Annual Report		
1984	Study of Dawn path as a site for the continuation of the Mausoleum program (done by Mausoleum builders).		Annual Report		
1985	Richard Moylan elected Executive V.P. all stones granite, ok to plant within lot, mausoleums specified, cremation memorials specified.		Regulations		
1986	Community Mauseleum at Dawn Path construction continues. Fall '87 expect complete. Chapel circle in front just planted (from photos) Images of Garden Mausoleum.		Annual Report	flat file map scanned	
1987	Garden Mausoleum to be complete in Spring 1988.		Annual Report		
1988	Garden Mausoleum complete.		Annual Report	flat file map/map scanned	
1989	8000 lf of fence repainted. Sylvan waters wall rebuilt.		Annual Report		
1990	missing Annual Report			map scanned, flat file map	
1991	Phases II and III of Hillside Mausoleum begin.		Annual Report		
1992	Phase II complete, Phase III expect complete in fall 1993. Office construction adjacent to Crematorium begin.		Annual Report		
1993	Phase III Mausoleum complete. Offices at Crematorium delayed due to severe winter.		Annual Report		
1994	Administration moves into new Crematory offices. North gate restored.		Annual Report		

Year	At Green-wood	Parcel size	Publications	Maps	Outside Influences
1995	Gate restoration mostly done. Chapel restoration begins. Crematory renovation begins. Phase III Community Mausoleum will begin in summer 1996.		Annual Report		
1996	Crematory should be done by March. Phase III Garden Mausoleum complete.		Annual Report		
1997	Added to National Register of Historic Places. Chapel restoration continues. Compute kiosk added for directional maps. Jeff Richmond's book for sale.		Annual Report		
1998	Chapel restoration continues. GW Historic Fund established to raise funds for monument preservation/restoration, advance public knowledge of GW and promote education. Aerial bucket purchased for tree pruning.		Richman book	map-scanned	
1999	Chapel restoration complete. Walk #1: Battle Hill and Back, walking tour published. Urn garden to be expanded, Hillside Mausoleum in final phase.		Annual Report		
2000	Chapel reopens after being closed since the 1960's. Adopt A Tree program begun to get new trees planted and sponsorship for established trees. Mention of historic master plan, tree list, and map for planting sites. Final restoration for boundary fence begun to be completed by 2001. More than 1000 mums planted for fall and 2000 tulips for spring. Tree planting goal is twice as many trees as it loses each year. Leaf composting (500 tons yearly) done on premises-no longer trucked out. New Columbarium and Hillside Mausoleum planned and designed. Walk #2 Valley and Sylvan Waters, walking tour published.		The Arch-fall/winter, 2000, Annual Report	map-scanned	
2001	50 WTC victims buried. Construction of Mausoleum's final phase begins. Design form Crematory garden to be finalized. Saved in Time monument preservation program begins. GW part of Neighborhood Institutions Directory Program. A plaque is place in the 25th station of the "R" train noting GW at stop. Historic Fund's Celebrate Life Tree Program in full swing. 12 "New beginnings" trees planted and 7 established trees adopted as "Nature's Tribute" memorials. New look to Annual Reports.		Annual Report, The Arch-sp/sum, fall/winter, 2001		Sept. 11 terrorist attack on the WTC and Pentagon
2002	Phase IV Hillside Mausoleum continues. Almost 400 shrubs and 80 trees planted as part of "ongoing reforestation effort". Sylvan Waters cross shaped island was replaced. Iron fence repainting (from green to Black) begins. New planting areas added, more trees planted. Aluminum path signs replaced with cast iron.		Annual Report		
2003	Columbarium under construction.			map-scanned	
2004	New survey complete			map-scanned	

LAYOUT ARRANGEMENT TIME LINE



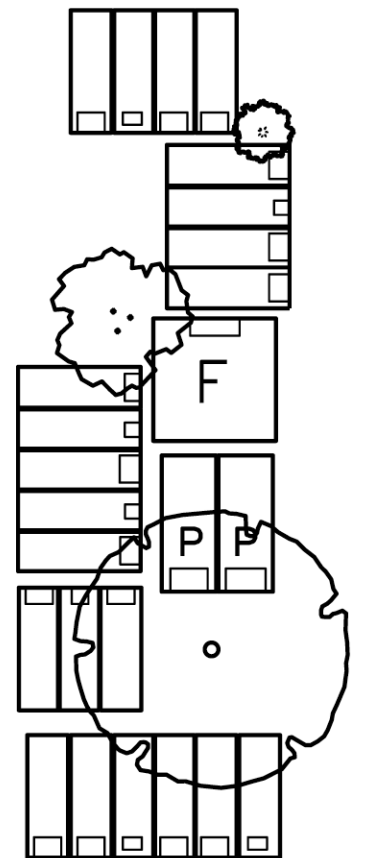
19th Century
Arrangement



50's - 80's
Arrangement



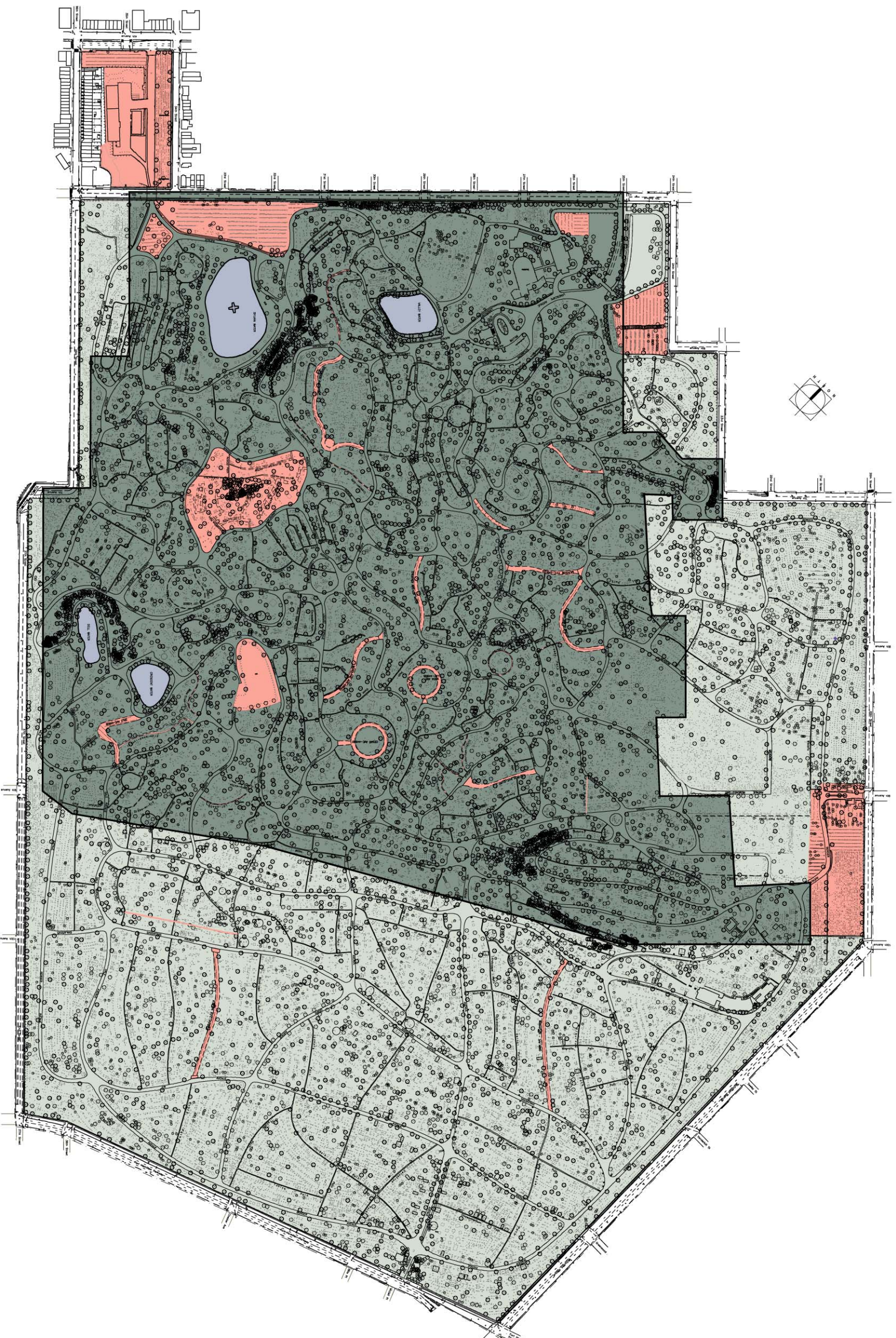
80's-'05 Infill
Arrangement



Proposed Infill
Arrangement

Green-Wood Cemetery
Richard Moylan, President
500 25th St., Brooklyn, NY 11232-2755

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Key

- HISTORIC CORE 1846 PLAN
- LATE 1800'S-MID 1900'S HISTORIC
- NON HISTORIC NON CONTRIBUTING

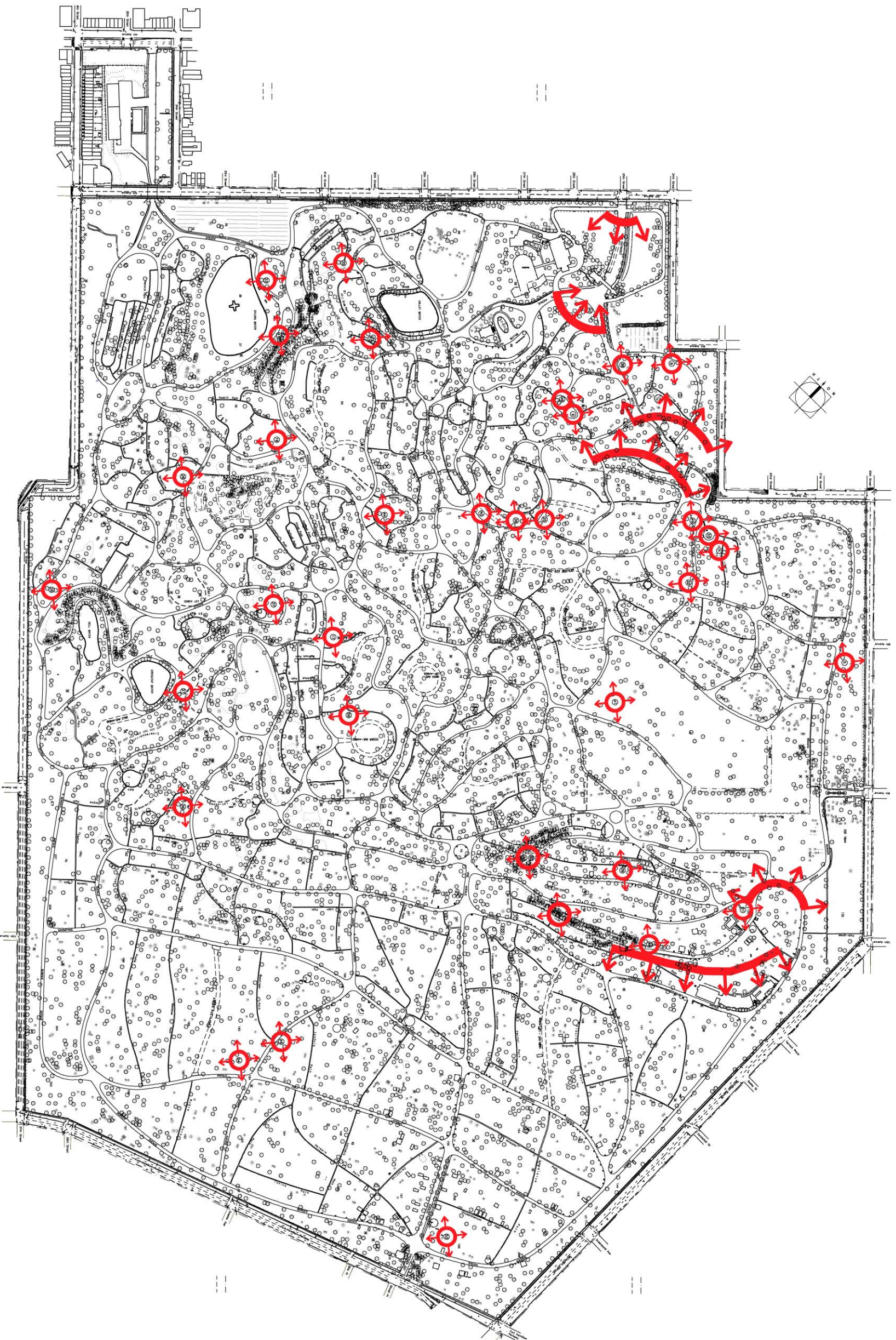
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Green-Wood Cemetery

drawing title:
Area Hierarchy

scale: 1" = 4,000'-0"




date: 05/04/06

drawing no.:



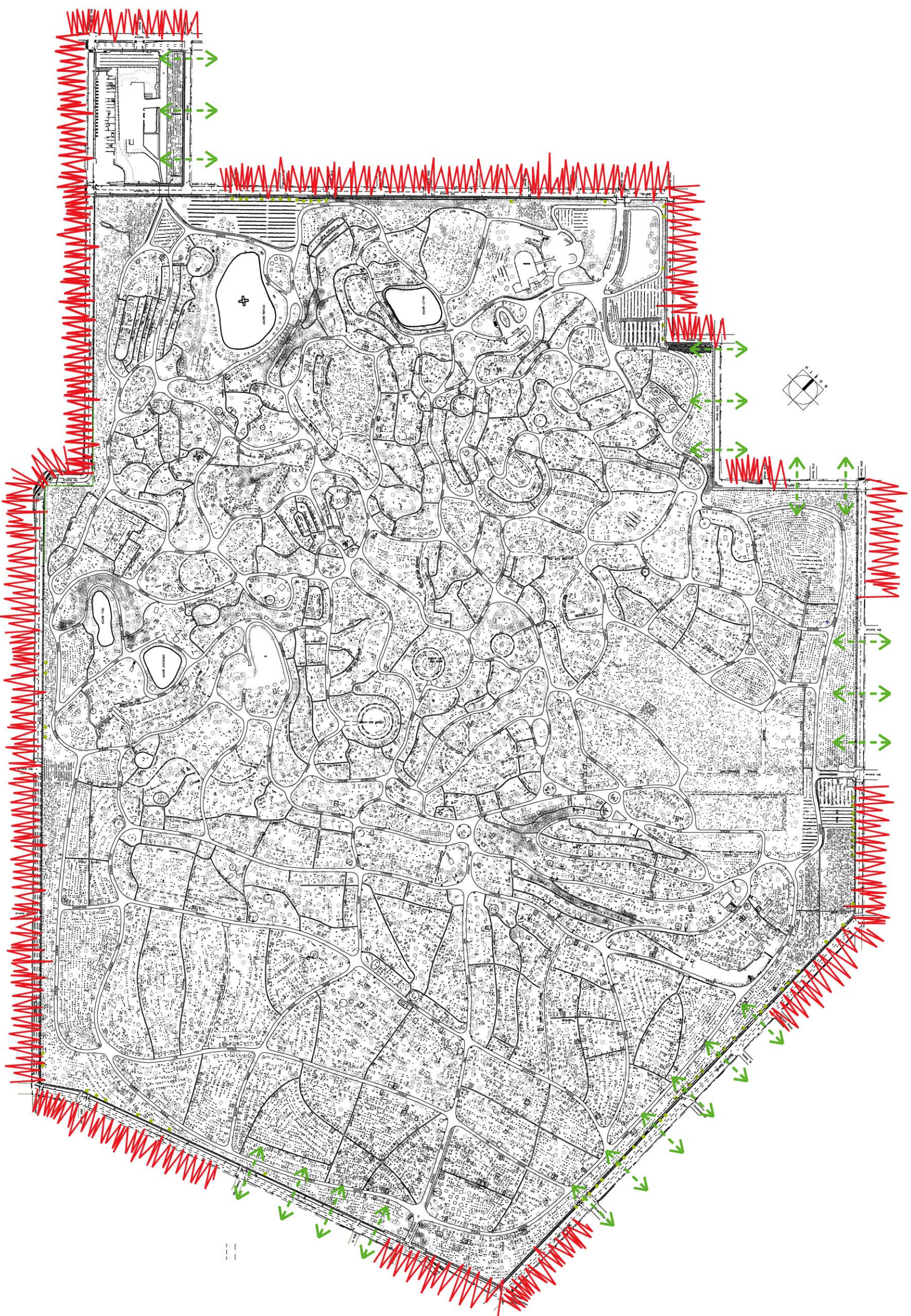
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 500 25th St., Brooklyn, NY 11232-7735

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- Key**
-  VIEWS BEYOND PERIMETER
 -  VIEWS WITHIN CEMETERY
 -  HISTORICALLY SIGNIFICANT MONUMENTS

project:
Green-Wood Cemetery
 drawing title:
View Analysis





scale: 1" = 400'-0"
 date: 05/04/05
 drawing no.: V-1



Green-Wood Cemetery
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- Key**
-  SCREEN BAD VIEWS
 -  ENCOURAGE GOOD VIEWS
 -  PROPOSED CANOPY TREE
 -  RETAINING WALL

project:
Green-Wood Cemetery

drawing title:
Perimeter Analysis

scale: 1" = 400'-0"

date: 05/04/06

drawing no.: **P-1**

Green-Wood Cemetery
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Key

- 0-5% SLOPE
- 5-12% SLOPE
- 12-25% SLOPE
- 25% → SLOPE

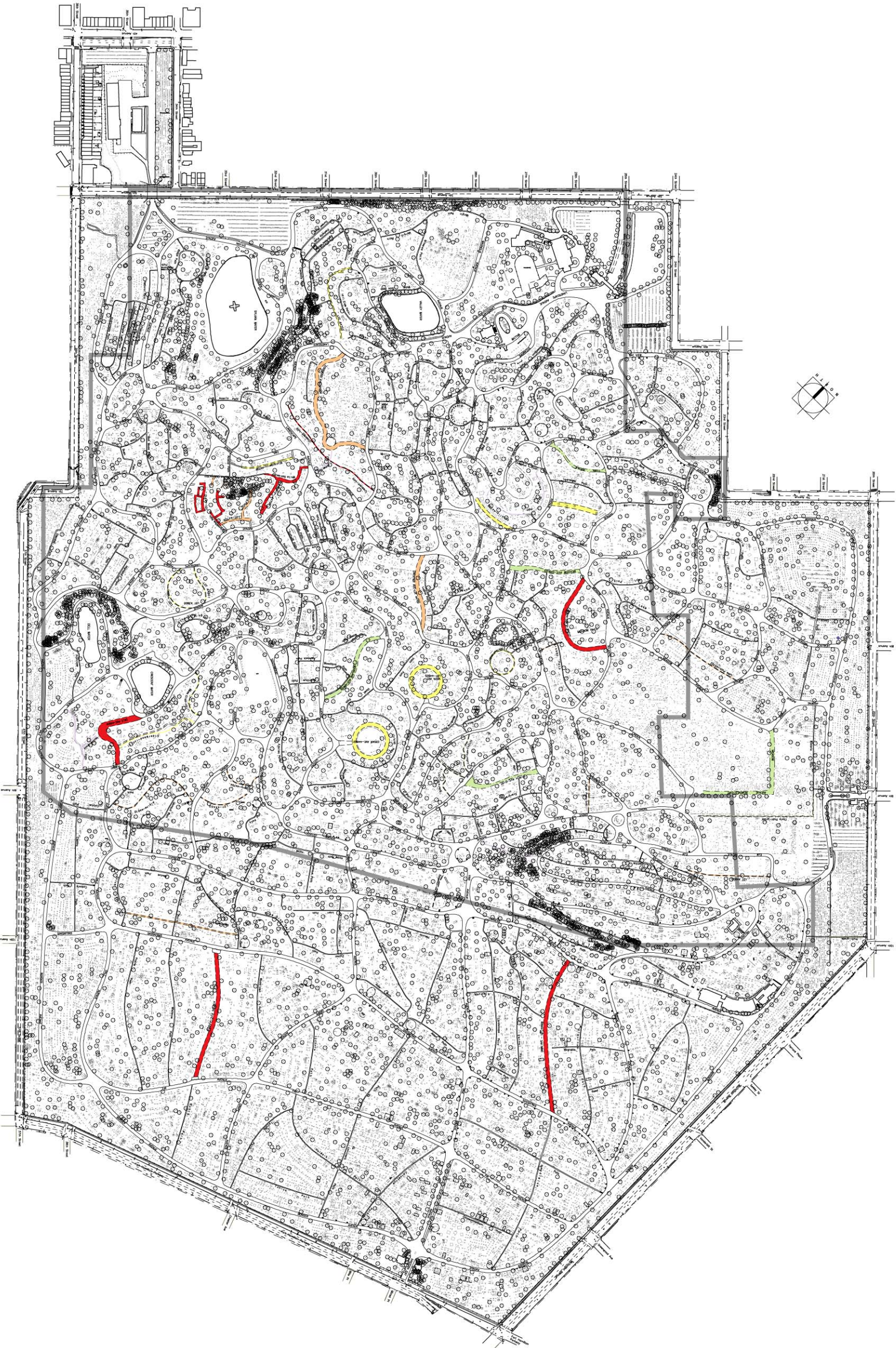
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drawing title:
Slope Analysis

scale: 1" = 400'-0"

date: 05/04/06

drawing no.: S-1



Green-Wood Cemetery
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Key

- 1. LEAST OBVIOUS INFILL
- 2. OBVIOUS INFILL
- 3. MOST OBVIOUS INFILL
- DIRT/GRASS PLANNED INFILL
- PROPOSED INFILL PATHS
- 1846 BOUNDARY

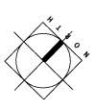
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Green-Wood Cemetery

drawing title:
Infill Development

scale: 1" = 400'-0"

date: 05/04/06

drawing no.: I-1







Green-Wood Cemetery
 Richard Moylan, President
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 Landscape Architects, Architects & Planners
 118 West 22nd Street, New York, NY 10011

Key

-  0-5% SLOPE
-  5-12% SLOPE
-  12-25% SLOPE
-  25% → SLOPE

 OPPORTUNITY AREAS

project:
Green-Wood Cemetery

drawing title:
Opportunity Areas

scale: 1" = 400'-0"

date: 05/04/06

drawing no.: