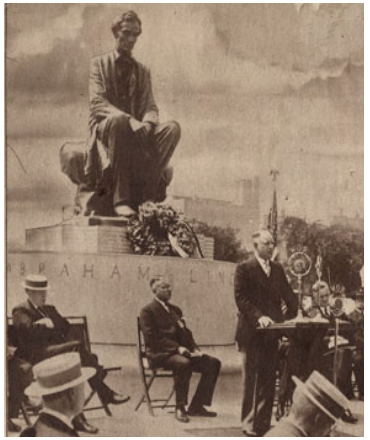
APPENDIX 1: SURVEY OF PROPERTY

LINCOLN PARK IN JERSEY CITY:
MASTER PLAN FOR THE BELMONT AVENUE ENTRANCE



NOTES:

1. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT AND IS SUBJECT TO ANY EASEMENT, RESTRICTION AND/OR COVENANTS THAT A CURRENT REPORT OF TITLE, OR COMPLETE SEARCH OF THE PUBLIC RECORD, MAY DISCLOSE.

2. THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE FOLLOWING SOURCES OF INFORMATION

   A - AN ACTUAL FIELD SURVEY PERFORMED BY PENNONI ASSOCIATES

   B-PLAN ENTITLED "BELMONT AVE ENTRY TO LINCOLN PARK", BY CLARKE CATON HINTZ, DATED AUGUST 8, 2022

3. PLANIMETRIC & TOPOGRAPHIC FEATURES SHOWN ARE TAKEN FROM AN ACTUAL FIELD SURVEY PERFORMED BY PENNONI ASSOCIATES ON 6/28/2022.

4. THIS SURVEY IS NOT INTENDED TO GUARANTEE OWNERSHIP.

5. SURVEY BASED ON N.J.S.P.C.S. NAD '83 (2011). SURVEY SCALED TO GROUND AT POINT 1007

   GROUND SCALE FACTOR: 1.0000381217

   GROUND COORDINATES: N:688577.886 E:609347.025 Z:80.49

   VERTICAL DATUM: NAVD 1988

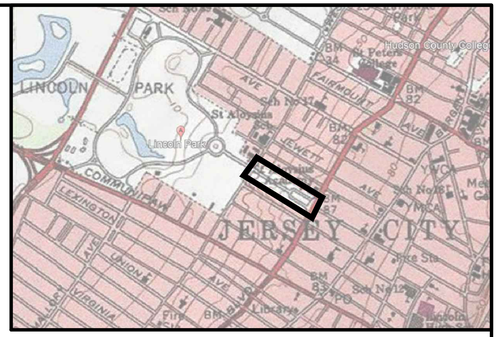
6. IT IS BEYOND THE SCOPE OF THIS SURVEY TO DETERMINE THE EXISTENCE OR NON-EXISTENCE OF ANY REGULATED ENVIRONMENTAL CONDITION ON OR NEAR THE SUBJECT PARCEL(S). UNDERGROUND EXPLORATIONS WERE NOT CONDUCTED OR UTILIZED DURING THE PREPARATION OF THIS SURVEY. CONCERNED PARTIES SHOULD PURSUE ANY ENVIRONMENTAL MATTERS SEPARATE AND APART FROM THIS SURVEY.

7. IT SHOULD NOT BE ASSUMED THAT ANY COPY OF THIS DRAWING WITHOUT A RAISED IMPRESSION OF THE SURVEYOR'S SEAL IS A TRUE COPY OF THE ORIGINAL AS ISSUED BY THE SURVEYOR.

8. THE LOCATION OF UNDERGROUND UTILITIES ARE APPROXIMATE. ALL LOCATIONS ILLUSTRATED ARE BASED UPON UTILITY MARKOUT AND ABOVE GROUND STRUCTURES THAT WERE VISIBLE & ACCESSIBLE IN THE FIELD. THE STATE OF NEW JERSEY REQUIRES NOTIFICATION PRIOR TO ANY EXCAVATION BY UTILIZING THE NEW JERSEY ONE-CALL SYSTEM (1-800-272-1000).

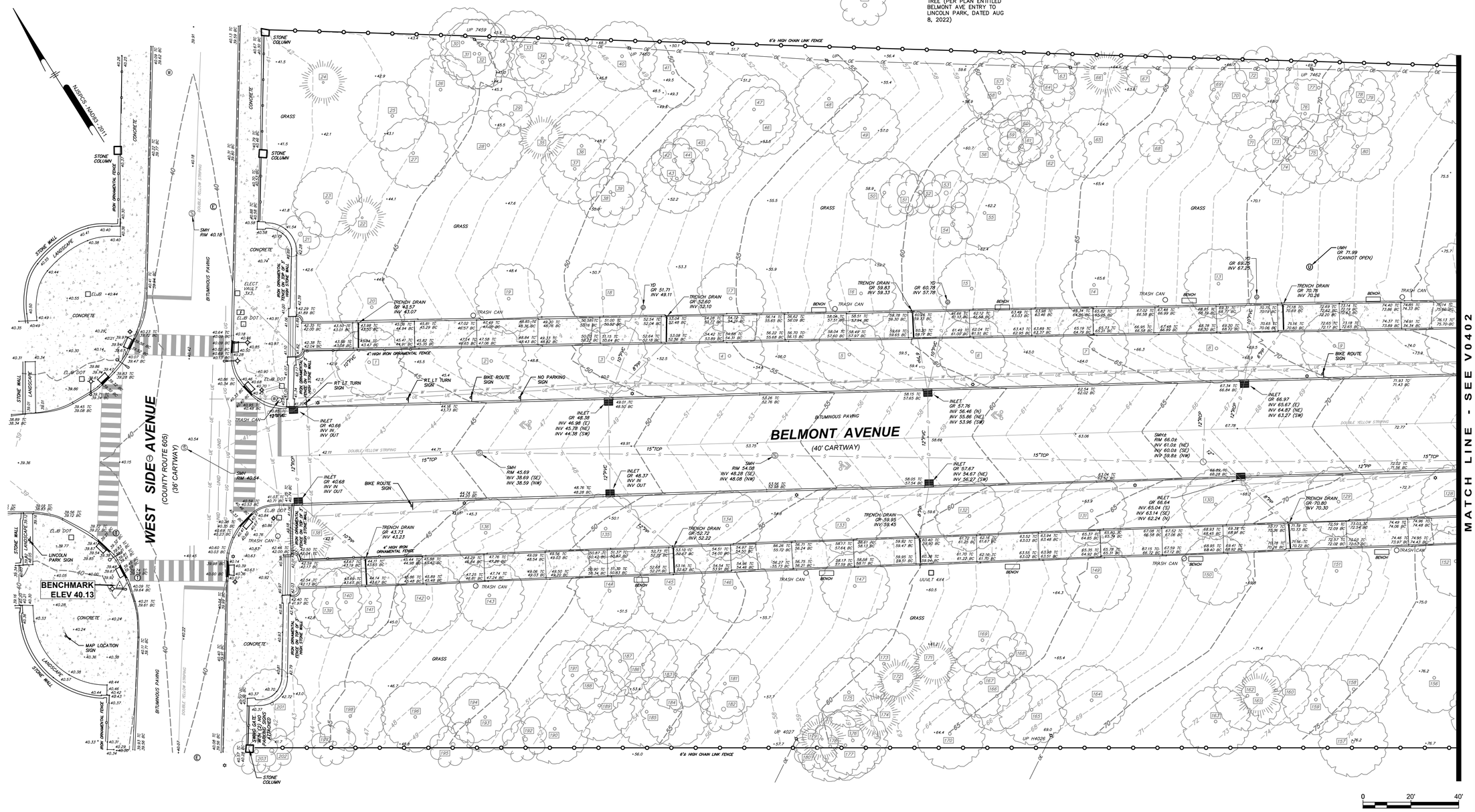
LEGEND

- FENCE
- CURB
- DEPRESSED CURB
- CONTOUR
- WATER LINE
- SANITARY SEWER
- STORM SEWER
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- SANITARY MANHOLE
- CLEANOUT
- STORM MANHOLE
- INLET
- YARD DRAIN
- TRENCH DRAIN
- WATER MANHOLE
- WATER VALVE
- FIRE HYDRANT
- WATER METER
- GAS METER
- GAS VALVE
- ELECTRICAL TRANSFORMER
- UTILITY POLE
- GUY
- ELECTRICAL METER
- LIGHT
- TRAFFIC LIGHT
- TRAFFIC PEDESTRIAN LIGHT
- ELECTRICAL PANEL
- ELECTRICAL JUNCTION BOX
- TELEPHONE MANHOLE
- TELEPHONE JUNCTION BOX
- TELEPHONE PEDESTAL
- FLAG POLE
- BIKE RACK
- PAINTED BIKE ROUTE (FADED)
- COMMUNICATION JUNC BOX
- COMMUNICATION PEDESTAL
- BOLLARD
- SIGN
- SPOT GRADE
- BENCH MARK
- UNIDENTIFIED VAULT
- UNIDENTIFIED MANHOLE
- UNIDENTIFIED VALVE
- CONCRETE
- DECIDUOUS TREE W/TAG #
- CONIFEROUS TREE W/TAG #
- TREE (PER PLAN ENTITLED BELMONT AVE ENTRY TO LINCOLN PARK, DATED AUG 8, 2022)



LOCATION MAP

N 40-43-23 W 74-04-38



PENNONI ASSOCIATES INC.
515 Grove Street, Suite 1B
Haddon Heights, NJ 08035
T 856.547.0505 F 856.547.9174
NJ COA NO. GA28033300

ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND OWNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK

THIS PLAN WAS PREPARED UNDER MY IMMEDIATE SUPERVISION.

Keith M. Ludwig, PLS
New Jersey LIC. 24GS04324400

BELMONT AVENUE PLAZA PARK ENTRANCE

JERSEY CITY, HUDSON COUNTY, NEW JERSEY

TOPOGRAPHIC SURVEY

CLARK, CATON & HINTZ, P.C.
100 BARRACK STREET
TRENTON, NEW JERSEY 08608

NO.	DATE	REVISIONS	BY

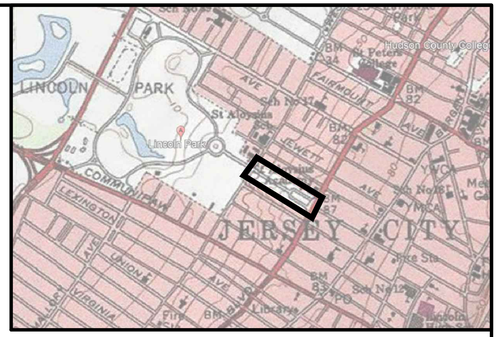
PROJECT	CLCHX22004
DATE	2022 06 29
DRAWING SCALE	1"= 20'
DRAWN BY	CWS
APPROVED BY	KML

V0401

SHEET 1 OF 2

U:\Accounts\CLCHX\CLCHX22004 - Belmont Avenue Plaza Park Entrance\DESIGN\XSECURE\CLCHX22004-V0401.dwg PLOTTED: 8/23/2022 1:29 PM, BY: Charles Smith PLOTSTYLE: Pennoni.NCS.stb PROJECT STATUS: —

NORTH NAD83 - 2011



LOCATION MAP

N 40-43-23 W 74-04-38

MATCH LINE - SEE V0401

GAZEBO
BLDG HT = 25.7'
FF=83.35'

PIPE 6"CIP
INV 77.24

6' HIGH CHAIN LINK FENCE

NO BALL PLAYING & NO SMOKING SIGN

BENCH

GRASS

CONCRETE

TRASH CAN

"NO BALL PLAYING" SIGN

LINCOLN PARK SIGN

DOG WASTE SIGN

SIGN POST

CROSS WALK SIGN

YD
GR 82.52
(FILLED)

UP 15893

UP 15892

UP 15891

NO PIGEON FEEDING SIGN

DO NOT FEED PIGEONS SIGN

INLET
GR 83.20
(FILLED)

BICYCLE SIGN & SHARE THE ROAD PLACARD

CROSS WALK – & SIGN GREEN ACRES SIGN

3" HIGH CHAIN LINK FENCE

SPEED LIMIT & PARK SIGN

NO PARKING & NO SMOKING SIGN

INLET
GR 81.33
(FILLED)

NO PARKING SIGN & NO STANDING SIGN

BELMONT AVENUE
(30' CARTWAY)

BITUMINOUS PAVING

INLET
GR 83.14
INV 78.94

12"PP

DO NOT ENTER SIGN

STONE PAVERS

INLET
GR 80.77
INV 76.57

RIGHT TURN ONLY SIGN

15"TCP

SMH
RIM 82.69
INV 74.59

NO BALL PLAYING SIGN

LINCOLN STATUE

WALL

INLET
GR 86.01
INV 84.91

INLET
GR 86.25
INV 83.25
(SUMP)

RIM TIES

INLET
GR 86.04
INV 84.94

INLET
GR 86.26
INV 83.56

NO PARKING SIGN

NO TURNS SIGN

SMH
RIM 86.74
INV 78.14

BENCHMARK
ELEV 87.23

NJ TRANSIT BUS STOP SIGN (ATTACHED TO TRAFFIC LIGHT)

ONE WAY & DO NOT ENTER SIGN

DO NOT ENTER SIGN & NO TURN ON RED SIGN

3" HIGH CHAIN LINK FENCE

TRASH CAN

NO TURNS SIGN

NO PARKING SIGN

JOHN F KENNEDY BOULEVARD
(67' CARTWAY)

BITUMINOUS PAVING

DOUBLE YELLOW STRIPING

CROSS WALK SIGN

DO NOT ENTER SIGN

ONE WAY SIGN

ELJB DOT

ELJB

HYD

UP

OHW

DGV

STONE WALL

INLET
GR 80.66
(FILLED)

INLET
GR 83.07
INV 79.07

CROSSWALK AHEAD SIGN

DO NOT FEED PIGEONS SIGN

YD
GR 80.69
INV 77.49

3' HIGH IRON FENCE

NO PARKING SIGN

INLET
GR 75.86
INV 72.66 (NE)
INV 72.46 (SW)

SMH
RIM 76.05
INV 69.85 (SE)
INV 69.45 (NW)

BIKE ROUTE SIGN

INLET
GR 76.06
INV 74.26 (SW)
INV 72.46 (NW)

UP CAMER POKE

YD
GR. 80.36
INV 77.06

6"PVC

6" CIP
INV 77.00

FF=83.39'
GAZEBO
BLDG HT = 26.6'

6' HIGH CHAIN LINK FENCE

0 20' 40'

PROJECT STATUS —

U:\Accounts\CLCHX\CLCH22004 - Belmont Avenue Plaza Park Entrance\DESIGN\VISSIGURE\CLCHX22004-VA401.dwg

PLOTTED: 8/22/2022, 1:30 PM, BY: Charles Smith PLOTSTYLE: Pennoni PCS.ctb

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THIS PLAN WAS PREPARED UNDER MY IMMEDIATE SUPERVISION.

Keith M. Ludwig, PLS
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BELMONT AVENUE PLAZA PARK ENTRANCE

JERSEY CITY, HUDSON COUNTY, NEW JERSEY

TOPOGRAPHIC SURVEY

CLARK, CATON & HINTZ, P.C.
100 BARRACK STREET
TRENTON, NEW JERSEY 08608

NO.	DATE	REVISIONS	BY

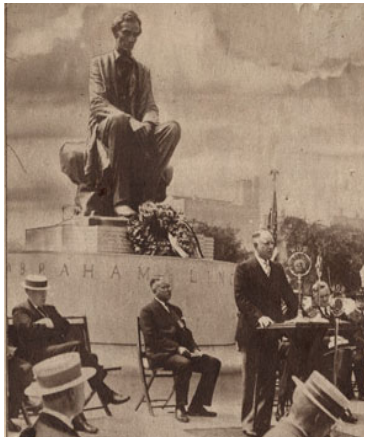
PROJECT	CLCHX22004
DATE	2022 06 29
DRAWING SCALE	1"= 20'
DRAWN BY	CWS
APPROVED BY	KML

V0402

SHEET 2 OF 2

APPENDIX 2: ARBORIST REPORT AND PLAN

LINCOLN PARK IN JERSEY CITY:
MASTER PLAN FOR THE BELMONT AVENUE ENTRANCE



PAUL COWIE AND ASSOCIATES
consulting arborists / urban foresters

11 N. Beverwyck Road
Lake Hiawatha, New Jersey 07034

v. 973.276.0599
f. 973.276.9616
w. www.paulcowieandassociates.com
e. pcowie@paulcowieandassociates.com

August 9, 2022

Mr. Geoff Vaughn
Clarke Caton Hintz
100 Barrack Street
Trenton, NJ 08608

Re: Belmont Avenue Plaza Entrance to Lincoln Park, Jersey City, NJ
Tree Inventory + Evaluation Results

Dear Geoff:

The following outlines the findings of our recent inventory and evaluation of existing trees at the Belmont Avenue Plaza Entrance project site. Field data collection work was completed on May 24 and May 26, 2022.

The purpose of this inventory and evaluation was to identify, measure, and characterize the existing trees and provide the design team with baseline information and recommendations for preserving or replacing the existing trees, protecting them during construction, and addressing current tree maintenance needs, as applicable.

The data collected and the recommendations made for each inventoried tree are presented in the attached spreadsheet. The following is an explanation of the data parameters included and an overview of our general finding and recommendations.

Trees Included

This tree inventory and evaluation was limited to 197 shade and ornamental trees and significant tree-form shrubs (primarily Japanese holly and winged Euonymus; Japanese andromeda, spicebush, and other shrubs excluded) indicated in green on the attached survey. No other trees in any other portions of the park or on adjacent streets were inventoried and evaluated.

Along the fenced property lines, only trees 6-inches DBH and larger were included; trees smaller than 6-inches DBH in these areas were not inventoried. In some cases, it was unclear whether these trees were rooted on the park property or on the neighboring property. Therefore, ownership should be verified prior to removing or otherwise treating any of these fence line trees.

Please note that the spreadsheet contains six rows (ID# 12, 98, 124, 127, 137, and 148) that denote “vacant planting sites” rather than trees. These are locations where trees were obviously missing from the mature London planetree and pin oak allées.

Tree Species + Exotic Invasive Status

Each tree is identified in the spreadsheet by both its regionally accepted common name and its botanical name.

In the spreadsheet, the exotic invasive status of each species is indicated as based on the Lower Hudson Partnership for Regional Invasive Species Management. There is no single authority that designates tree species as invasive and opinions regarding the threat that different species cause in different locations vary.

Tree Size + Age Classification

The diameter of each individually inventoried tree was measured with a diameter tape to the nearest one-tenth inch at a point 4.5-feet above ground level (DBH) or an adjusted height in accordance with standard industry practices when branching or abnormal swellings at 4.5-feet would produce an inaccurate measurement.

In the case of multiple-stem trees, the diameter of each stem was measured and recorded, and the root sum squared of the stems (RSS = SQRT($D1^2$+$D2^2$+$D3^2$…)) was calculated to provide a single-stem equivalence for the purpose of determining tree protection zone radii.

The age class of each individually inventoried tree was recorded based on apparent age relative to the normal life expectancy of the species in the site type. Age was classified as 'Young' if the tree had exhausted up to 20% of the species' typical life expectancy, 'Mature' if it had exhausted 20% to 80% of the species' life expectancy, or 'Over-Mature' if it had exhausted more than 80% of the species' life expectancy.

Tree Protection Zone (TPZ) + Structural Root Zone (SRZ)

Tree protection zone radius (TPZ) is the ground area around a tree which, if fully protected from soil compaction, grade changes, excavation, and other soil and root-damaging impacts, will ensure that tree health and structural integrity will not be compromised by construction activity. This information is provided to assist designers in locating grading, pavement, underground utilities, and other proposed improvements in a manner that minimizes impacts to existing trees to be retained.

Structural root zone radius (SRZ) is the ground area around a tree which, if violated by construction activity, will almost certainly result in severe damage to tree health and structural integrity, and may result in uprooting.

Tree Condition

The condition of each inventoried tree was systematically evaluated and rated with consideration given to both the health and vigor and the structural integrity of the root system, primary stems, scaffold branching, small branches and twigs, and foliage.

A rating of 'Good', 'Fair', or 'Poor' was assigned separately to the health and vigor as well as to the structure and form of each inventoried tree. An 'Overall Condition' rating was then assigned, as follows:

- *Good:* The tree had no more than one or two minor health disorders and/or structural defects and was growing with normal vigor.
- *Fair:* The tree had 2 – 4 minor, or one major, health disorders and/or structural defects, and/or was growing with below-normal vigor or other limitations.
- *Poor:* The tree had several minor, or two or more major, health disorders and/or structural defects, and/or was declining in vigor.
- *Dead:* 75% or more of the crown was dead and any remaining live portions were deteriorating in health.

Please note that inspection of the inventoried trees was limited to visual observations from the ground and did not include climbing, aerial inspections, subsurface exploration, wood strength testing, or other advanced diagnostic techniques, which may be necessary to fully identify and evaluate the severity of certain health disorders and structural defects. Therefore, certain health disorders and/or structural defects may have not been noted or their extent may not have been fully determined.

Observations

The 'Disorders + Defects, Comments' column contains various observations regarding the nature and severity of disorders and defects noted, particularly where they resulted in reduced condition ratings and/or recommendations for further tree inspection. Any restrictions to tree growth imposed by the site are also noted.

Recommendations

Where appropriate, recommendations for pruning to remove potentially dead, dying, damaged, and/or diseased limbs, pruning to improve branch architecture, cabling to reduce the risk of failure at certain branch defects, or further evaluation and inspection to determine the need for removal were made based on conditions observed at the time each tree was evaluated.

Terminology for various pruning types (e.g., 'Clean Crown', 'Raise Crown', 'Reduce Crown', 'Structural prune', etc.) correspond to ANSI A300 *American National Standard for Tree Care Operations.*

Each recommendation for tree pruning, removal, and other treatments was prioritized based on the severity of potential safety risks first (e.g., large dead trees versus small dead trees, trees containing large dead limbs versus small dead branches, etc.) and addressing tree health and appearance second. The priority of each recommendation was ranked as High (H), Medium (M), or Low (L). These recommendations should be implemented in order of decreasing priority.

Summary of Findings + Recommendations

1. A total of 197 trees were inventoried and evaluated. Of these, 35 are recommended for removal because they are dead, dying, and/or structurally defective. It is recommended that an additional 10 trees be considered for removal because, while PC+A did not find that they require immediate removal at the time of our inspection, they are of poor quality, undesirable species, and/or appeared to have limited remaining life expectancy.

2. PC+A noted some trees with signs of potentially serious structural defects that may pose risk to life and property. These trees require advanced inspection to fully assess their current condition and safety, and to definitively determine the need for removal. As indicated in the 'Other Recommendations + Notes' column, inspection should include aerial inspection to identify and evaluate the severity of structural defects that may not have been apparent or that could not be fully assessed via our ground-based inspection, and/or Resistograph testing to determine the extent of internal wood decay. It is PC+A's recommendation that these advanced inspections be completed as soon as possible by an experienced professional working with the County's in-house team, or an appropriately equipped tree maintenance service.

3. Most black cherry *(Prunus serotina)* trees observed appeared to be unintended volunteers that were unlikely part of the original landscape design. Most had poor structural form and were in poor and declining health with limited remaining life expectancies. It is PC+A's opinion that black cherry should be omitted from replanting plans due to their poor performance on this site.

4. While Austrian pine *(Pinus nigra)* may have been part of the historic landscape design, those that remain were found to be in poor and deteriorating health. PC+A recommends that the remaining Austrian pines be considered for removal and replacement due to their limited remaining life expectancy.

5. Many pin oaks *(Quercus palustris)* were exhibiting symptoms of sub-normal foliage size, color, and density. In most cases, it appeared that soil nutrient deficiency is the most likely cause. Soil testing is recommended so that specific deficiencies can be identified, and a targeted fertilization program can be implemented. In some cases, PC+A suspected possible bacterial leaf scorch *(Xylella fastidiosa)* infection. It is recommended that the pin oaks be reinspected in late August or early September for bacterial leaf scorch symptoms and, if appropriate, leaf samples collected and tested to confirm infection.

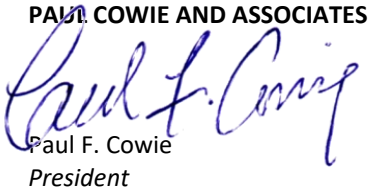
6. Many London planetrees *(Platanus x acerifolia)* were rated in fair condition primarily due to somewhat sparse and undersized foliage. This is likely the result of a combination of soil compaction, shade competition from adjacent trees, and/or powdery mildew infection rather than an indication of serious, widespread disease. As with the pin oaks, soil testing and fertilization, if indicated, is recommended.

7. Significant bark wounds were noted on the lower trunk, buttress roots, and/or exposed roots of many trees. In most cases, these wounds appeared to be caused by repeated impacts from lawn mowing equipment and string trimmers, but it is likely that a variety of "people pressures" from park uses have also contributed. It is recommended that park maintenance staff be trained and remain vigilant in minimizing such impacts to avoid long-term tree health and structural issues.

8. Soil compaction is a significant issue in many areas. Efforts to decompact and aerate soil within the root zone of affected trees is recommended.

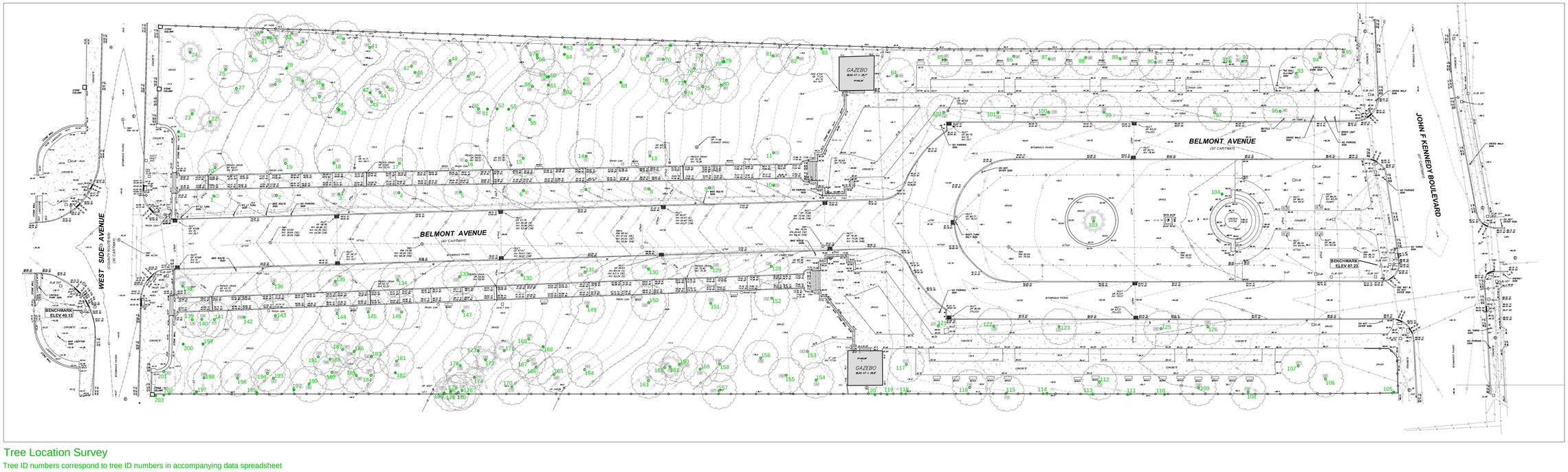
Please do not hesitate to contact me if you have any questions or require any additional information.

Sincerely,
PAUL COWIE AND ASSOCIATES



Paul F. Cowie
President

PFC:pc
Encl.



Tree Location Survey

Tree ID numbers correspond to tree ID numbers in accompanying data spreadsheet

○ Tree location determined by project surveyor.

● Tree location approximated by PC+A.

Belmont Ave Entry to Lincoln Park

August 8, 2022

Clarke Caton Hintz
Architecture
Planning
Landscape Architecture

Lincoln Park, Jersey City, NJ

Inventory + Evaluation of Existing Trees

Data Collected: 5/24/22 and 5/26/22

Paul Cowie + Associates, 11 N. Beverwyck Road, Lake Hiawatha, NJ 07034, 973-276-0599, pcowie@paulcowieandassociates.com

#	SITE TYPE (SIZE)	OVERHEAD WIRES	SPECIES	LOWER HUDSON PRISM TIER 1-4 INVASIVE SPECIES	DIAMETER (in) (dead stems)	SINGLE-STEM EQUIVELENT (RSS)	AGE CLASS	TPZ (ft radius)	SRZ (ft radius)	HEALTH + VIGOR	STRUCTURE + FORM	OVERALL CONDITION	DISORDERS + DEFECTS, COMMENTS	CLEAN CROWN	RAISE CROWN	REDUCE CROWN	STRUCTURAL PRUNE	CABLE	CLEAR VINES	INSPECT	REMOVE (CONDITION)	OTHER RECOMMENDATIONS + NOTES
1	Lawn	No	London planetree *Platanus x acerifolia*	---	30.8	30.8	Mature	30.8	12.8	Good	Good	Good	---									---
2	Lawn (22.75')	No	London planetree *Platanus x acerifolia*	---	22.9	22.9	Mature	22.9	9.5	Fair	Fair	Fair	Moderate localized decay at old pruning wounds. Moderate wounds on buttress roots.	H								---
3	Lawn (22.25')	No	London planetree *Platanus x acerifolia*	---	21.4	21.4	Mature	21.4	8.9	Fair	Good	Fair	Moderate wounds on buttress roots.	M								---
4	Lawn (21.75')	No	London planetree *Platanus x acerifolia*	---	22.5	22.5	Mature	22.5	9.4	Good	Good	Good	Moderate wounds on buttress roots.	M								---
5	Lawn (21.25')	No	London planetree *Platanus x acerifolia*	---	5.3	5.3	Young	4.0	2.2	Good	Good	Good	Apparent replacement tree planted in past several years.				L					---
6	Lawn (20.75')	No	London planetree *Platanus x acerifolia*	---	23.5	23.5	Mature	23.5	9.8	Good	Fair	Fair	---									---
7	Lawn (20.25')	No	London planetree *Platanus x acerifolia*	---	24.5	24.5	Mature	24.5	10.2	Fair	Fair	Fair	Moderate wounds on buttress roots. Portion of root plate exposed by soil erosion (moderately severe).									---
8	Lawn (19.75')	No	London planetree *Platanus x acerifolia*	---	24.8	24.8	Mature	24.8	10.3	Good	Fair	Good	Portion of root plate exposed by soil erosion (moderate).									---
9	Lawn (19.25')	No	London planetree *Platanus x acerifolia*	---	26.9	26.9	Mature	26.9	11.2	Good	Good	Good	Portion of root plate exposed by soil erosion (moderate). Moderate to moderately severe wounds on buttress roots. Raise crown for clearance over road.		L							Raise crown to improve clearance over road.
10	Lawn (18.75')	No	London planetree *Platanus x acerifolia*	---	3.7	3.7	Young	2.8	1.5	Good	Fair	Good	Apparent replacement tree planted in past several years.		L		L					---
11	Lawn	No	London planetree *Platanus x acerifolia*	---	37.0	37.0	Mature	37.0	15.4	Good	Fair	Fair	Moderate decay in lower trunk.	M	M					M		Resistograph test lower trunk to confirm presence and evaluate extent of decay.
12	Lawn	No	Vacant Planting Site (denotes tree apparently missing from alleè between #11 and #13).	---	---	---	---	---	---	---	---	---	---									---
13	Lawn	No	London planetree *Platanus x acerifolia*	---	31.0	31.0	Mature	31.0	12.9	Good	Poor	Poor	Moderately severe to severe decay in lower trunk; Resistograph to confirm presence and evaluate extent. Fair crown structure and form.							H	H	---
14	Lawn	No	London planetree *Platanus x acerifolia*	---	32.6	32.6	Mature	32.6	13.6	Good	Fair	Fair	3 codominant upper trunks originate from same point on main trunk, though appear well-attached.	M								---
15	Lawn	No	London planetree *Platanus x acerifolia*	---	30.7	30.7	Mature	30.7	12.8	Good	Fair	Good	Moderate wounds on buttress roots.	M								---

#	SITE TYPE (SIZE)	OVERHEAD WIRES	SPECIES	LOWER HUDSON PRISM TIER 1-4 INVASIVE SPECIES	DIAMETER (in) (dead stems)	SINGLE-STEM EQUIVELENT (RSS)	AGE CLASS	TPZ (ft radius)	SRZ (ft radius)	HEALTH + VIGOR	STRUCTURE + FORM	OVERALL CONDITION	DISORDERS + DEFECTS, COMMENTS	CLEAN CROWN	RAISE CROWN	REDUCE CROWN	STRUCTURAL PRUNE	CABLE	CLEAR VINES	INSPECT	REMOVE (CONDITION)	OTHER RECOMMENDATIONS + NOTES
16	Lawn	No	London planetree *Platanus x acerifolia*	---	34.3	34.3	Mature	34.3	14.3	Good	Fair	Good	---	M								---
17	Lawn	No	London planetree *Platanus x acerifolia*	---	34.2	34.2	Mature	34.2	14.3	Good	Good	Good	---	M								---
18	Lawn	No	London planetree *Platanus x acerifolia*	---	27.9	27.9	Mature	27.9	11.6	Good	Fair	Good	---	M								---
19	Lawn	No	London planetree *Platanus x acerifolia*	---	28.3	28.3	Mature	28.3	11.8	Fair	Good	Fair	---	M								---
20	Lawn	No	London planetree *Platanus x acerifolia*	---	30.5	30.5	Mature	30.5	12.7	Fair	Fair	Fair	---	M								---
21	Lawn	No	Winged euonymus *Euonymus alatus*	Tier 4 - Widespread	8.8	8.8	Over-mature	11.0	3.7	Good	Poor	Poor	Moderately severe decay in main trunk. Second stem dead and cut back to 3 feet. Moderately severe decay in lower trunk. Severe decay in upper trunk.								L	---
22	Lawn	No	English yew *Taxus baccata*	---	11.9 @ 1'	11.9	Mature	14.9	5.0	Fair	Good	Good	Moderately severe sapsucker injury on some stems.				L					---
23	Lawn	No	Pin oak *Quercus palustris*	---	39.7	39.7	Over-mature	49.6	16.5	Fair	Good	Fair	Fair to poor foliage size, color, and density in half of crown with moderate twig dieback.	M								Reinspect in late summer for bacterial leaf scorch.
24	Lawn	No	Eastern white pine *Pinus strobus*	---	34.7	34.7	Over-mature	52.1	14.5	Good	Fair	Good		H						M		Inspect upper crown for decay, splits, and other defects.
25	Lawn	No	Pin oak *Quercus palustris*	---	43.3	43.3	Over-mature	54.1	18.0	Fair	Fair	Fair		H						M		Inspect upper crown for decay, splits, and other defects.
26	Lawn	No	Black cherry *Prunus serotina*	---	14.2	14.2	Mature	14.2	5.9	Poor	Poor	Poor	Severe decay in lower trunk and buttress roots. Severe dieback in upper trunk. Severe dieback in scaffold limbs.								H	---
27	Lawn	No	Norway Maple *Acer platanoides*	Tier 4 - Widespread	18.5	18.5	Mature	18.5	7.7	Good	Poor	Poor	Moderate to moderately severe decay in main trunk with seam.								M	---
28	Lawn	No	Winged euonymus *Euonymus alatus*	Tier 4 - Widespread	2.7, 2.2, 2.2, 1.9, 1.9, 2.1, 1.8, 1.9, 2.5, 2.2	6.8	Mature	6.8	2.8	Good	Fair	Fair	Large shrub.				L					---
29	Lawn	No	Winged euonymus *Euonymus alatus*	Tier 4 - Widespread	7.0	7.0	Over-mature	8.8	2.9	Poor	Poor	Poor	Large, tree-form shrub. Severe split in upper trunk. Severe decay in lower trunk. Moderately severe bark dieback on lower trunk.								M	---
30	Lawn	No	Norway Maple *Acer platanoides*	Tier 4 - Widespread	6.6	6.6	Young	5.0	2.8	Good	Poor	Poor	Chain link fence embedded in lower trunk. Growing from base of foundation of structure on adjacent property. Utility pole guy-wire embedded in main trunk.								L	Removal recommended due to location, invasive species, and conflicts.
31	Lawn	Yes	Black cherry *Prunus serotina*	---	4.5, 2.9	5.4	Young	4.0	2.2	Fair	Fair	Fair	Moderately suppressed by adjacent trees.				L					---
32	Lawn	Yes	American elm *Ulmus americana*	---	5.6	5.6	Young	2.8	2.3	Good	Fair	Fair	Moderately suppressed by adjacent trees.				L					---
33	Lawn	Yes	Black cherry *Prunus serotina*	---	13.6	13.6	Mature	13.6	5.7	Poor	Fair	Poor	Moderate dieback in scaffold limbs.	H								---

#	SITE TYPE (SIZE)	OVERHEAD WIRES	SPECIES	LOWER HUDSON PRISM TIER 1-4 INVASIVE SPECIES	DIAMETER (in) (dead stems)	SINGLE-STEM EQUIVELENT (RSS)	AGE CLASS	TPZ (ft radius)	SRZ (ft radius)	HEALTH + VIGOR	STRUCTURE + FORM	OVERALL CONDITION	DISORDERS + DEFECTS, COMMENTS	CLEAN CROWN	RAISE CROWN	REDUCE CROWN	STRUCTURAL PRUNE	CABLE	CLEAR VINES	INSPECT	REMOVE (CONDITION)	OTHER RECOMMENDATIONS + NOTES
34	Lawn	Yes	Pin oak *Quercus palustris*	---	26.5	26.5	Mature	26.5	11.0	Good	Fair	Good	Clear crown from adjacent building	H								---
35	Lawn	No	Eastern white pine *Pinus strobus*	---	21.5	21.5	Mature	26.9	9.0	Fair	Poor	Fair	Structure poorly formed in upper trunk and scaffold limbs. Severe split wound in 1 large scaffold limb.	H			H					---
36	Lawn	No	Black cherry *Prunus serotina*	---	13.4	13.4	Mature	13.4	5.6	Poor	Poor	Poor	Moderately severe cracks and lean in main trunk and upper trunk. Moderately severe dieback in upper trunk. Moderately suppressed by adjacent trees.								H	---
37	Lawn	No	Black cherry *Prunus serotina*	---	18.7	18.7	Mature	18.7	7.8	Poor	Poor	Poor	Severe dieback in upper trunks and scaffold limbs.								H	---
38	Lawn	No	Norway Maple *Acer platanoides*	Tier 4 - Widespread	21.4	21.4	Mature	21.4	8.9	Good	Fair	Good	---	M								---
39	Lawn	No	Japanese holly *Ilex crenata*	---	3.1	3.1	Mature	2.3	1.3	Fair	Fair	Fair	Moderately severe decay at old split wound in lower trunk. Rooted between buttress roots at base of #30.									---
40	Lawn	Yes	Norway Maple *Acer platanoides*	Tier 4 - Widespread	20.3	20.3	Mature	20.3	8.5	Good	Fair	Good	Moderate lean in upper trunk.	M								---
41	Lawn	Yes	Norway Maple *Acer platanoides* 'Schwedleri'	Tier 4 - Widespread	18.0	18.0	Mature	18.0	7.5	Fair	Fair	Fair	Moderately severe girdling roots. Moderate lean in upper trunk. Moderately suppressed by adjacent trees.	M								---
42	Lawn	No	Winged euonymus *Euonymus alatus*	Tier 4 - Widespread	3.4, 1.8	3.8	Over-mature	4.8	1.6	Fair	Poor	Poor	Large, tree-form shrub. Severe split wound in lower trunk. Severe decay in lower trunk.								L	---
43	Lawn	No	Black cherry *Prunus serotina*	---	12.7	12.7	Mature	12.7	5.3	Fair	Fair	Fair	Moderate decay in 1 primary buttress root	M								---
44	Lawn	No	Black cherry *Prunus serotina*	---	8.6	8.6	Young	6.5	3.6	Poor	Poor	Poor	Moderate lean in main trunk. Moderately severe dieback in upper trunk.								M	---
45	Lawn	No	Black cherry *Prunus serotina*	---	12.7, 10.2	16.3	Mature	16.3	6.8	Fair	Poor	Poor	Moderately severe dieback in 1 upper trunk. Moderately severe lean in 3 upper trunks.	H								Consider removal due to poor quality.
46	Lawn	No	Black cherry *Prunus serotina*	---	9.2	9.2	Young	6.9	3.8	Poor	Poor	Poor	Severe dieback in main upper trunk.								H	---
47	Lawn	No	Northern catalpa *Catalpa speciosa*	---	13.9	13.9	Mature	10.4	5.8	Fair	Fair	Fair	---	M								---
48	Lawn	No	Norway Maple *Acer platanoides*	Tier 4 - Widespread	17.3	17.3	Mature	17.3	7.2	Fair	Fair	Fair	Crown moderately 1-sided due to shade competition from trees on property line that were recently removed.									---
49	Lawn	No	London planetree *Platanus x acerifolia*	---	29.3	29.3	Mature	29.3	12.2	Fair	Fair	Fair	Moderate lean in main trunk.	M								---

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50	Lawn	No	Black cherry *Prunus serotina*	---	10.5	10.5	Mature	10.5	4.4	Poor	Fair	Poor	Moderate wounds on buttress roots. Moderately severe dieback in small branches and twigs.	M								Consider removal due to limited remaining life expectancy.
51	Lawn	No	Japanese holly *Ilex crenata*	---	6.0, 4.0	7.2	Mature	5.4	3.0	Fair	Poor	Fair	Poor quality.				L					---
52	Lawn	No	Japanese holly *Ilex crenata*	---	5.7, 5.1	7.6	Mature	5.7	3.2	Fair	Fair	Fair	Moderate decay in 1 main trunk.				L					---
53	Lawn	No	Black cherry *Prunus serotina*	---	9.1	9.1	Young	6.8	3.8	Poor	Poor	Poor	Moderately severe dieback in upper trunk and scaffold limbs. Moderately severe sweep in main trunk.	H								Consider removal due to poor quality and limited remaining life expectancy.
54	Lawn	No	Black cherry *Prunus serotina*	---	8.4	8.4	Young	6.3	3.5	Fair	Good	Fair	Moderately suppressed by adjacent tree #15.				L					---
55	Lawn	No	Japanese holly *Ilex crenata*	---	7.2, 6.2 (4.2)	10.4	Over-mature	10.4	4.3	Fair	Fair	Fair			L		L					---
56	Lawn	No	Black cherry *Prunus serotina*	---	29.0	29.0	Over-mature	36.3	12.1	Fair	Fair	Fair	Moderately severe decay in 1 buttress root. Moderate decay in scaffold limbs. Crown moderately 1-sided.	H						H		Inspect upper crown to determine extent of decay.
57	Lawn	Yes	Pin oak *Quercus palustris*	---	28.4	28.4	Mature	28.4	11.8	Fair	Good	Good	Growing against base of #58. Portion of buttress roots moderately girdled by roots of #58.	M								---
58	Lawn	Yes	American elm *Ulmus americana*	---	12.4	12.4	Mature	9.3	5.2	Fair	Fair	Fair	Growing against base of #57. Moderately severeLY suppressed by adjacent trees.	M	M							---
59	Lawn	No	Austrian pine *Pinus nigra*	---	12.3	12.3	Mature	9.2	5.1	Fair	Fair	Fair	Growing against base of #60.									---
60	Lawn	No	Black cherry *Prunus serotina*	---	6.9	6.9	Young	5.2	2.9	Poor	Poor	Poor	Growing against base of #59. Severely suppressed by adjacent trees. Severe dieback in upper trunk.								H	---
61	Lawn	No	Japanese holly *Ilex crenata*	---	3.3, 1.9	3.8	Mature	2.9	1.6	Fair	Fair	Fair	Appears to be sprouts from very old, dead stump. Poor quality.				L					Consider removal due to poor quality.
62	Lawn	No	Japanese holly *Ilex crenata*	---	6.0, 5.5, 3.5, 3.4, 3.3, 3.0	10.5	Over-mature	10.5	4.4	Fair	Fair	Fair	Moderate to moderately severe leans in main stems.		L		L					---
63	Lawn	Yes	American elm *Ulmus americana*	---	18.8	18.8	Mature	14.1	7.8	Good	Fair	Fair	Chain link fence embedded in lower trunk. Moderately severe crooks and leans in upper trunks and scaffold limbs.	M								Clear crown from adjacent buildings.
64	Lawn	Yes	Black cherry *Prunus serotina*	---	2.7, 1.8	3.2	Young	2.4	1.4	Poor	Poor	Poor	Severe dieback in 2 upper trunks. Consists of 2 stump sprouts from previously removed tree.								L	---
65	Lawn	No	Saucer magnolia *Magnolia x soulangeana*	---	11.8, 10.7	15.9	Mature	19.9	6.6	Good	Fair	Fair	Moderately severe lean in 11.8" stem				L					---
66	Lawn	Yes	Austrian pine *Pinus nigra*	---	20.2	20.2	Mature	15.2	8.4	Fair	Fair	Fair	---	H								---
67	Lawn	Yes	American elm *Ulmus americana*	---	8.9, 6.9	11.3	Young	5.6	4.7	Fair	Fair	Fair	1 moderately severe weak crotch in main trunk.	M			M					---

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68	Lawn	No	Saucer magnolia *Magnolia x soulangeana*	---	12.2	12.2	Mature	15.3	5.1	Good	Fair	Good	---				L					---
69	Lawn	Yes	Norway Maple *Acer platanoides* 'Schwedleri'	Tier 4 - Widespread	20.8	20.8	Mature	20.8	8.7	Fair	Fair	Fair	---	M								---
70	Lawn	No	Austrian pine *Pinus nigra*	---	9.7	9.7	Mature	7.3	4.0	Poor	Poor	Poor	Severe crook in upper trunk. Moderately severe *Diplodia* tip blight infection in foliage and twigs. Poor live crown ratio. Poor quality; limited remaining life expectancy.								L	---
71	Lawn	No	Hackberry *Celtis occidentalis*	---	14.6	14.6	Mature	11.0	6.1	Fair	Fair	Fair	Moderate witch's broom. Moderate dieback in small branches and twigs.									---
72	Lawn	Yes	Sassafras *Sassafras albidum*	---	11.0	11.0	Mature	8.3	4.6	Fair	Fair	Fair	Chain link fence severely embedded in lower trunk.	M								---
73	Lawn	No	Kwanzan cherry *Prunus serrulata* ' Kwanzan'	---	6.7	6.7	Mature	8.4	2.8	Poor	Poor	Poor	Severe dieback in upper trunk. Moderately severe decay in lower trunk. Severe decay in main trunk.								L	---
74	Lawn	No	Sassafras *Sassafras albidum*	---	26.2	26.2	Over-mature	26.2	10.9	Fair	Poor	Poor	Moderately severe decay in lower trunk and buttress roots. Fair live crown ratio.								H	---
75	Lawn	No	Hackberry *Celtis occidentalis*	---	9.2	9.2	Young	4.6	3.8	Fair	Poor	Fair	Severe lean in upper trunk.									Consider removal due to poor quality and poor form.
76	Lawn	No	Austrian pine *Pinus nigra*	---	18.1	18.1	Mature	13.6	7.5	Poor	Poor	Poor	Moderately severely j-rooted. Moderately severe lean in main trunk. Moderately severe *Diplodia* tip blight infection in foliage and twigs. Moderately severe dieback in scaffold limbs. Limited remaining life expectancy.								H	---
77	Lawn	Yes	Japanese tree lilac *Syringa reticulata*	---	17.2	17.2	Over-mature	25.8	7.2	Fair	Fair	Fair	1 moderately severe weak crotch in main trunk. Moderate decay in lower trunk.									---
78	Lawn	No	Austrian pine *Pinus nigra*	---	16.1	16.1	Mature	12.1	6.7	Poor	Poor	Poor	Moderately severe *Diplodia* tip blight infection in foliage and twigs. Moderately suppressed by #79. Poor live crown ratio. Limited remaining life expectancy.								M	---
79	Lawn	No	Sassafras *Sassafras albidum*	---	3.2	3.2	Young	1.6	1.3	Fair	Fair	Fair	Growing against base of #78.				L					---
80	Lawn	No	Norway maple *Acer platanoides*	Tier 4 - Widespread	22.9	22.9	Mature	22.9	9.5	Fair	Fair	Fair	---	M	M							---
81	Lawn	No	White mulberry *Morus alba*	Tier 4 - Widespread	8.7, 6.0	10.6	Young	7.9	4.4	Poor	Poor	Poor	Growing at base of chain link fence. 1 severe weak crotch in lower trunk. Moderately severe vine competition in small branches.								M	---
82	Lawn	No	Crabapple *Malus spp.*	---	7.6 @ 3'	7.6	Mature	7.6	3.2	Fair	Fair	Fair			L		L					Consider removing privet growing at base.

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83	Landscape	Yes	Tree of heaven *Ailanthus altissima*	Tier 4 - Widespread	7.5	7.5	Young	3.8	3.1	Good	Poor	Fair	Chain link fence severely embedded in main trunk.								L	---
84	Lawn	No	Norway Maple *Acer platanoides* 'Schwedleri'	Tier 4 - Widespread	20.5	20.5	Mature	20.5	8.5	Poor	Fair	Poor	Moderately severe bark dieback on lower trunk and buttress roots. Severe dieback in 1 upper trunk. Limited remaining life expectancy.								M	---
85	Lawn (14')	Yes	Norway Maple *Acer platanoides* 'Schwedleri'	Tier 4 - Widespread	19.6	19.6	Mature	19.6	8.2	Good	Fair	Good	Moderately severe soil compaction.	M	M							---
86	Lawn	Yes	London planetree *Platanus x acerifolia*	---	30.6	30.6	Mature	30.6	12.8	Good	Good	Good	Moderately severe vine competition on main trunk. Moderately severe soil compaction.	M					M			---
87	Lawn	Yes	Norway Maple *Acer platanoides* 'Schwedleri'	Tier 4 - Widespread	15.8	15.8	Mature	15.8	6.6	Good	Fair	Good	Moderately severe soil compaction.	M								---
88	Lawn	Yes	London planetree *Platanus x acerifolia*	---	28.2	28.2	Mature	28.2	11.8	Good	Good	Good	Moderately severe soil compaction.	L								Clear crown from adjacent building.
89	Lawn (13.5')	Yes	Norway Maple *Acer platanoides* 'Schwedleri'	Tier 4 - Widespread	15.9	15.9	Mature	15.9	6.6	Good	Fair	Good	Moderately severe soil compaction.	M								Remove nylon rope. Clear crown from adjacent building.
90	Lawn (13.25')	Yes	Norway Maple *Acer platanoides* 'Schwedleri'	Tier 4 - Widespread	17.7	17.7	Mature	17.7	7.4	Fair	Fair	Fair	Moderately severe soil compaction. Moderately severe girdling roots.	M	M							Clear crown from adjacent building.
91	Lawn (17.75')	No	Pin oak *Quercus palustris*	---	26.6	26.6	Mature	26.6	11.1	Poor	Good	Poor	Severe soil compaction. Moderately severe dieback in small branches and twigs.	H								Reinspect for bacterial leaf scorch in late summer.
92	Lawn (17.75')	No	Norway Maple *Acer platanoides* 'Schwedleri'	Tier 4 - Widespread	14.7	14.7	Mature	14.7	6.1	Fair	Fair	Fair	Severe soil compaction. Moderately severe girdling root. Moderately suppressed by #91.		L							---
93	Lawn	No	Horsechestnut *Aesculus hippocastanum*	---	27.3	27.3	Mature	20.5	11.4	Good	Poor	Poor	Severe soil compaction. Moderately severe decay in lower trunk and buttress roots. Moderate to moderately severe decay in main trunk. 3 upper trunks appear weakly attached at previous topping point.								M	---
94	Lawn	No	Norway Maple *Acer platanoides* 'Schwedleri'	Tier 4 - Widespread	16.2	16.2	Mature	16.2	6.8	Good	Fair	Fair	Moderately severe soil compaction. Moderate decay in buttress roots. 1 moderate weak crotch in main trunk.									---
95	Landscape	No	American elm *Ulmus americana*	---	22.2	22.2	Mature	16.7	9.3	Fair	Fair	Fair	Root zone moderately severely restricted by building and pavement. Moderately severe root injury from excavation.									---
96	Planting strip (11.5')	No	Pin oak *Quercus palustris*	---	29.2	29.2	Mature	29.2	12.2	Fair	Fair	Fair	Severe soil compaction. Moderate localized decay at old pruning wounds.	H	H							Reinspect for bacterial leaf scorch in late summer.
97	Planting strip (11.5')	No	Pin oak *Quercus palustris*	---	24.0	24.0	Mature	24.0	10.0	Good	Good	Good	Severe soil compaction.	M	M							---

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98	Planting strip (11.5')	No	Vacant Planting Site (denotes tree apparently missing from alleè between #97 and #98).	---	---	---	---	---	---	---	---	---	Severe soil compaction.									---
99	Planting strip (11.5')	No	Pin oak *Quercus palustris*	---	28.4	28.4	Mature	28.4	11.8	Fair	Fair	Fair	Severe soil compaction. Moderately severe dieback in small branches and twigs.	M								Reinspect for bacterial leaf scorch in late summer.
100	Planting strip (11.5')	No	Pin oak *Quercus palustris*	---	32.8	32.8	Mature	32.8	13.7	Fair	Fair	Fair	Severe soil compaction. 1 split wound in 1 upper trunk with moderate decay.	H								---
101	Planting strip (11.5')	No	Pin oak *Quercus palustris*	---	26.3	26.3	Mature	26.3	11.0	Fair	Fair	Fair	Severe soil compaction. Moderate dieback in small branches and twigs.	H								Reinspect for bacterial leaf scorch in late summer.
102	Planting strip (11.5')	No	Pin oak *Quercus palustris*	---	27.8	27.8	Mature	27.8	11.6	Fair	Fair	Fair	Severe soil compaction. Moderate localized decay at old pruning wounds.	H	H							---
103	Lawn	No	Colorado blue spruce *Picea pungens* 'Glauca'	---	18.1	18.1	Mature	18.1	7.5	Fair	Good	Fair	Moderate *Cytospera* canker on lower limbs and twigs.	L								---
104	Lawn	No	Washington hawthorn *Crataegus phaenopyrum*	---	10.9 @ 3.5', 11.8	16.1	Mature	12.0	6.7	Fair	Fair	Fair	Moderately severe scale infestation on twigs.		L		L					Treat scale infestation.
105	Landscape	No	White mulberry *Morus alba*	Tier 4 - Widespread	9.0, 7.5	11.7	Mature	11.7	4.9	Good	Fair	Fair	1 severe weak crotch in lower trunk. 2 severe weak crotches in main trunk.		L		L					Consider removal due to invasive species and poor quality.
106	Lawn	No	Norway Maple *Acer platanoides* 'Schwedleri'	Tier 4 - Widespread	22.2	22.2	Mature	22.2	9.3	Good	Fair	Fair	1 moderate weak crotch in main trunk. Clear crown from adjacent building.	M								---
107	Lawn	No	Horsechestnut *Aesculus hippocastanum*	---	25.6	25.6	Mature	19.2	10.7	Good	Good	Good	---									---
108	Lawn	No	London planetree *Platanus x acerifolia*	---	31.0	31.0	Mature	31.0	12.9	Fair	Fair	Fair	---	H								---
109	Lawn	Yes	London planetree *Platanus x acerifolia*	---	30.9	30.9	Mature	30.9	12.9	Fair	Fair	Fair	Moderate localized decay at old pruning wounds. Severe decay in 1 scaffold limb.	H								---
110	Landscape	Yes	American elm *Ulmus americana*	---	18.0, 22.0	28.4	Mature	21.3	11.8	Good	Fair	Fair	Lower trunk moderately embedded in chain link fence. Moderately severe lean in 22" stem.	H								---
111	Landscape	Yes	Horsechestnut *Aesculus hippocastanum*	---	7.0	7.0	Young	3.5	2.9	Good	Fair	Good	Moderately suppressed by #110. Lower trunk severely embedded in chain link fence.		L		L					Remove nylon rope from trunk.
112	Lawn	Yes	Norway Maple *Acer platanoides* 'Schwedleri'	Tier 4 - Widespread	17.3	17.3	Mature	17.3	7.2	Good	Good	Good	Moderate localized decay at old pruning wounds.	M								---
113	Landscape	Yes	Black cherry *Prunus serotina*	---	10.0	10.0	Mature	10.0	4.2	Poor	Poor	Poor	Main trunk moderately severely deformed on fence rail. Moderately severe dieback in upper trunk and scaffold limbs.								M	---
114	Landscape	Yes	American elm *Ulmus americana*	---	12.2	12.2	Mature	9.2	5.1	Fair	Fair	Fair	Lower trunk moderately severely embedded in chain link fence.		L		L					---
115	Landscape	Yes	Pin oak *Quercus palustris*	---	15.7	15.7	Mature	15.7	6.5	Fair	Fair	Fair	Lower trunk moderately severely embedded in chain link fence.	M	M							---
116	Lawn	Yes	London planetree *Platanus x acerifolia*	---	30.1	30.1	Mature	30.1	12.5	Good	Good	Good	---	M								---

#	SITE TYPE (SIZE)	OVERHEAD WIRES	SPECIES	LOWER HUDSON PRISM TIER 1-4 INVASIVE SPECIES	DIAMETER (in) (dead stems)	SINGLE-STEM EQUIVELENT (RSS)	AGE CLASS	TPZ (ft radius)	SRZ (ft radius)	HEALTH + VIGOR	STRUCTURE + FORM	OVERALL CONDITION	DISORDERS + DEFECTS, COMMENTS	CLEAN CROWN	RAISE CROWN	REDUCE CROWN	STRUCTURAL PRUNE	CABLE	CLEAR VINES	INSPECT	REMOVE (CONDITION)	OTHER RECOMMENDATIONS + NOTES
117	Lawn	No	Norway Maple *Acer platanoides* 'Schwedleri'	Tier 4 - Widespread	18.4	18.4	Mature	18.4	7.7	Good	Fair	Good	Moderate decay in main trunk.	M								---
118	Landscape	Yes	Norway maple *Acer platanoides*	Tier 4 - Widespread	8.0, 17.0, 23.0	29.7	Over-mature	37.1	12.4	Good	Fair	Fair	Stem diameters visually estimated. 3 moderately severe weak crotches in lower trunk.	M								---
119	Landscape	Yes	Norway maple *Acer platanoides*	Tier 4 - Widespread	14.0	14.0	Mature	14.0	5.8	Good	Fair	Fair	Stem diameter visually estimated.	M								---
120	Landscape	Yes	Norway maple *Acer platanoides*	Tier 4 - Widespread	21.0	21.0	Mature	21.0	8.8	Good	Poor	Poor	Stem diameter visually estimated. Severe decay in 1 upper trunk at old split wound over park structure. Moderate to moderately severe decay in 1 main trunk over park structure. Main trunk moderately embedded in chain link fence.							H		Conduct aerial inspection to determine extent of decay.
121	Planting strip (11.5')	No	Pin oak *Quercus palustris*	---	23.2	23.2	Mature	23.2	9.7	Fair	Fair	Fair	Moderately severe soil compaction.	H								---
122	Planting strip (11.5')	No	Pin oak *Quercus palustris*	---	31.5	31.5	Mature	31.5	13.1	Poor	Fair	Poor	Moderately severe soil compaction. Moderately severe dieback in small branches and twigs.	H								Reinspect for bacterial leaf scorch in late summer.
123	Planting strip (11.5')	No	Pin oak *Quercus palustris*	---	31.2	31.2	Mature	31.2	13.0	Fair	Good	Fair	Moderately severe soil compaction.	M								---
124	Planting strip (11.5')	No	Vacant Planting Site (denotes tree apparently missing from alleè between #123 and #124).	---	---	---	---	---	---	---	---	---	Moderately severe soil compaction.									---
125	Planting strip (11.5')	No	Pin oak *Quercus palustris*	---	39.0	39.0	Over-mature	48.8	16.3	Fair	Fair	Fair	Moderately severe soil compaction. Moderate dieback in small branches and twigs in portions of crown.	H								---
126	Planting strip (11.5')	No	Pin oak *Quercus palustris*	---	20.8	20.8	Mature	20.8	8.7	Good	Good	Good	Moderately severe soil compaction.	M								---
127	Planting strip (11.5')	No	Vacant Planting Site (denotes tree apparently missing from alleè adjacent to #126).	---	---	---	---	---	---	---	---	---	Vacant spot; appears to be a tree missing from alleè design. Moderately severe soil compaction.									---
128	Planting strip (18.5')	No	London planetree *Platanus x acerifolia*	---	26.9	26.9	Mature	26.9	11.2	Fair	Good	Fair	Moderate wounds on buttress roots.	H								---
129	Planting strip (18.75')	No	London planetree *Platanus x acerifolia*	---	23.8	23.8	Mature	23.8	9.9	Fair	Good	Fair	---	M								---
130	Planting strip (19.25')	No	London planetree *Platanus x acerifolia*	---	26.4	26.4	Mature	26.4	11.0	Fair	Good	Fair	Moderate wounds on buttress roots.	M								---
131	Planting strip (19.75')	No	London planetree *Platanus x acerifolia*	---	22.4	22.4	Mature	22.4	9.3	Fair	Fair	Fair	Moderate lean in main trunk.	M								---
132	Planting strip (20.25')	No	London planetree *Platanus x acerifolia*	---	23.0	23.0	Mature	23.0	9.6	Fair	Fair	Fair	Moderate wounds on buttress roots.	M								---
133	Planting strip (20.75')	No	London planetree *Platanus x acerifolia*	---	26.4	26.4	Mature	26.4	11.0	Fair	Good	Fair	Moderate wounds on buttress roots.	M								---
134	Planting strip (21.25')	No	London planetree *Platanus x acerifolia*	---	24.7	24.7	Mature	24.7	10.3	Fair	Fair	Fair	Moderate wounds on buttress roots. Moderate dieback in 1 upper trunk.	M								---

#	SITE TYPE (SIZE)	OVERHEAD WIRES	SPECIES	LOWER HUDSON PRISM TIER 1-4 INVASIVE SPECIES	DIAMETER (in) (dead stems)	SINGLE-STEM EQUIVELENT (RSS)	AGE CLASS	TPZ (ft radius)	SRZ (ft radius)	HEALTH + VIGOR	STRUCTURE + FORM	OVERALL CONDITION	DISORDERS + DEFECTS, COMMENTS	CLEAN CROWN	RAISE CROWN	REDUCE CROWN	STRUCTURAL PRUNE	CABLE	CLEAR VINES	INSPECT	REMOVE (CONDITION)	OTHER RECOMMENDATIONS + NOTES
135	Planting strip (21.75')	No	London planetree *Platanus x acerifolia*	---	25.9	25.9	Mature	25.9	10.8	Fair	Good	Fair	---	M								---
136	Planting strip (22.25')	No	London planetree *Platanus x acerifolia*	---	25.0	25.0	Mature	25.0	10.4	Fair	Fair	Fair	Moderate wounds on buttress roots. Moderate decay in main trunk.									---
137	Planting strip (22.25')	No	Vacant Planting Site (denotes tree apparently missing from alleè between #136 and #138).	---	---	---	---	---	---	---	---	---	---									---
138	Planting strip (22.25')	No	English yew *Taxus baccata*	---	11.2, 10.8, 6.0 @1.5'	16.7	Mature	20.8	6.9	Good	Fair	Fair	Moderate sapsucker injury on main trunk.		L		L					---
139	Lawn	No	English yew *Taxus baccata*	---	9.2 @ 1.5'	9.2	Mature	11.5	3.8	Good	Fair	Good	---		L							---
140	Lawn	No	English yew *Taxus baccata*	---	7.9 @ 2'	7.9	Mature	9.9	3.3	Good	Fair	Fair	Moderate sapsucker injury on upper trunks.		L		L					---
141	Lawn	No	London planetree *Platanus x acerifolia*	---	27.1	27.1	Mature	27.1	11.3	Fair	Good	Good	Moderate soil compaction. Moderate soil erosion.	M								---
142	Lawn	No	London planetree *Platanus x acerifolia*	---	25.8	25.8	Mature	25.8	10.8	Fair	Good	Fair	---	M								---
143	Lawn	No	London planetree *Platanus x acerifolia*	---	25.9	25.9	Mature	25.9	10.8	Fair	Good	Good	Moderate soil compaction. Moderate wounds on buttress roots.	M								---
144	Lawn	No	London planetree *Platanus x acerifolia*	---	24.9	24.9	Mature	24.9	10.4	Fair	Good	Fair	---	M								---
145	Lawn	No	London planetree *Platanus x acerifolia*	---	24.3	24.3	Mature	24.3	10.1	Poor	Fair	Poor	Moderate dieback in small branches and twigs.	H								---
146	Lawn	No	London planetree *Platanus x acerifolia*	---	29.6	29.6	Mature	29.6	12.3	Fair	Good	Fair	Moderate wounds on buttress roots.	M								---
147	Lawn	No	London planetree *Platanus x acerifolia*	---	31.8	31.8	Mature	31.8	13.3	Fair	Good	Fair	Moderate wounds on buttress roots.	H								---
148	Lawn	No	Vacant Planting Site (denotes tree apparently missing from alleè between #147 and #149).	---	---	---	---	---	---	---	---	---	---									---
149	Lawn	No	London planetree *Platanus x acerifolia*	---	27.2	27.4	Mature	27.4	11.4	Poor	Fair	Poor	Moderate dieback in small branches and twigs. Moderately severe dieback in upper trunk. Moderate localized decay at old pruning wounds.	H								Consider removal and replacement due to poor quality.
150	Lawn	No	London planetree *Platanus x acerifolia*	---	23.9	23.9	Mature	23.9	10.0	Poor	Fair	Poor	Moderate wounds on buttress roots. Moderately severe dieback in small branches and twigs.	H								---
151	Lawn	No	London planetree *Platanus x acerifolia*	---	26.5	26.5	Mature	26.5	11.0	Good	Fair	Good	Moderate wounds on buttress roots. Moderate lean in main trunk.	M								---
152	Lawn	No	London planetree *Platanus x acerifolia*	---	35.3	35.3	Mature	35.3	14.7	Good	Poor	Poor	Severe decay in lower trunk. Moderate wounds on buttress roots. Moderate lean in 1 upper trunk.								H	---

#	SITE TYPE (SIZE)	OVERHEAD WIRES	SPECIES	LOWER HUDSON PRISM TIER 1-4 INVASIVE SPECIES	DIAMETER (in) (dead stems)	SINGLE-STEM EQUIVELENT (RSS)	AGE CLASS	TPZ (ft radius)	SRZ (ft radius)	HEALTH + VIGOR	STRUCTURE + FORM	OVERALL CONDITION	DISORDERS + DEFECTS, COMMENTS	CLEAN CROWN	RAISE CROWN	REDUCE CROWN	STRUCTURAL PRUNE	CABLE	CLEAR VINES	INSPECT	REMOVE (CONDITION)	OTHER RECOMMENDATIONS + NOTES
153	Lawn	No	Norway Maple *Acer platanoides* 'Schwedleri'	Tier 4 - Widespread	25.1	25.1	Mature	25.1	10.5	Poor	Poor	Poor	Severe dieback in small branches and twigs. Moderately severe dieback in scaffold branches. Severe girdling root. Severe decay in lower trunk and main trunk.								H	---
154	Lawn	Yes	Japanese holly *Ilex crenata*	---	6.4, 4.8, 2.8, 3.4, 3.1, 3.4, 4.7, 3.7, 4.1, 3.1, 2.1, 2.4, 2.3, 5.8	14.7	Mature	11.0	6.1	Good	Fair	Fair	Multiple weak crotches in main trunk.		L		L					---
155	Lawn	Yes	Norway Maple *Acer platanoides* 'Schwedleri'	Tier 4 - Widespread	24.6	24.6	Mature	24.6	10.3	Fair	Fair	Fair	Moderately severe wounds on buttress roots.	M								---
156	Lawn	No	Black cherry *Prunus serotina*	---	13.3, 12.2	18.0	Mature	18.0	7.5	Poor	Poor	Poor	Moderately severe dieback in upper trunks and scaffold limbs. Severe decay in lower trunk.								H	---
157	Lawn	Yes	Silver maple *Acer saccharinum*	---	35.2	35.2	Mature	35.2	14.7	Fair	Fair	Fair	Moderate dieback in small branches and twigs. Moderate decay in lower trunk.								M	---
158	Lawn	No	Japanese holly *Ilex crenata*	---	7.5, 4.3, 5.9, 4.2, 3.7, 3.3, 1.4	12.4	Mature	9.3	5.2	Fair	Fair	Fair	---		L		L					---
159	Lawn	No	Japanese holly *Ilex crenata*	---	3.5, 2.9, 1.8, 3.7	6.1	Mature	4.6	2.6	Fair	Fair	Fair	---		L		L					---
160	Lawn	No	Japanese holly *Ilex crenata*	---	3.5, 1.3, 1.0, 1.0	4.0	Mature	3.0	1.7	Fair	Fair	Fair	Severe dieback in 3.5" stem.		L		L					---
161	Lawn	No	Austrian pine *Pinus nigra*	---	19.7	19.7	Mature	14.8	8.2	Fair	Good	Fair	Moderate *Diplodia* tip blight infection in foliage and twigs. Moderately suppressed by #163. Moderately severe sapsucker injury on main trunk.	M								---
162	Lawn	No	Japanese holly *Ilex crenata*	---	2.6, 4.6	5.3	Mature	4.0	2.2	Poor	Fair	Poor	Moderately severe decay in main trunk. Moderately severe dieback in small branches and twigs.		L		L					---
163	Lawn	Yes	Pin oak *Quercus palustris*	---	39.3	39.3	Over-mature	49.1	16.4	Fair	Good	Fair	---	H								---
164	Lawn	Yes	Pin oak *Quercus palustris*	---	35.4	35.4	Over-mature	44.3	14.8	Fair	Good	Fair	---	H								---
165	Lawn	No	Black cherry *Prunus serotina*	---	14.0	14.0	Mature	14.0	5.8	Poor	Poor	Poor	Severe dieback in upper trunk. Moderately severe decay in lower trunk. Moderately severe sapwood rot in lower trunk.								H	---
166	Lawn	No	Black cherry *Prunus serotina*	---	7.9	7.9	Young	5.9	3.3	Poor	Poor	Poor	Moderately severe dieback in upper trunk. Moderate wounds on buttress roots. Moderate decay in lower trunk.								M	---
167	Lawn	No	Pin oak *Quercus palustris*	---	24.0	24.0	Mature	24.0	10.0	Good	Fair	Good	---	M								---
168	Lawn	No	Japanese holly *Ilex crenata*	---	1.6, 2.5, 1.7	3.4	Mature	2.6	1.4	Poor	Fair	Poor	---		L		L					---

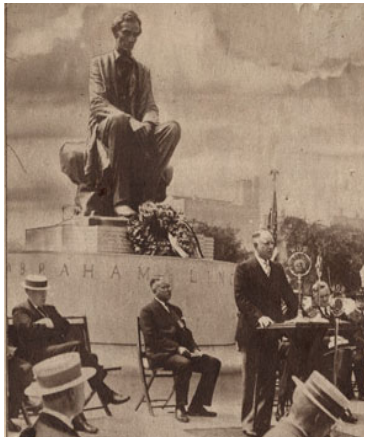
#	SITE TYPE (SIZE)	OVERHEAD WIRES	SPECIES	LOWER HUDSON PRISM TIER 1-4 INVASIVE SPECIES	DIAMETER (in) (dead stems)	SINGLE-STEM EQUIVELENT (RSS)	AGE CLASS	TPZ (ft radius)	SRZ (ft radius)	HEALTH + VIGOR	STRUCTURE + FORM	OVERALL CONDITION	DISORDERS + DEFECTS, COMMENTS	CLEAN CROWN	RAISE CROWN	REDUCE CROWN	STRUCTURAL PRUNE	CABLE	CLEAR VINES	INSPECT	REMOVE (CONDITION)	OTHER RECOMMENDATIONS + NOTES
169	Lawn	No	Pin oak *Quercus palustris*	---	35.6	35.6	Over-mature	44.5	14.8	Good	Good	Good	---	M								---
170	Lawn	Yes	Black cherry *Prunus serotina*	---	16.1	16.1	Mature	16.1	6.7	Poor	Fair	Poor	Moderately severe dieback in small branches and twigs. Limited remaining life expectancy.								M	---
171	Lawn	No	Austrian pine *Pinus nigra*	---	17.2	17.2	Mature	12.9	7.2	Fair	Poor	Fair	Moderate *Diplodia* tip blight infection in foliage and twigs. Moderately severely suppressed by #169. Severe crooks and leans in upper trunks. Moderately severe lean in main trunk.	M								---
172	Lawn	No	Austrian pine *Pinus nigra*	---	14.5	14.5	Mature	10.9	6.0	Fair	Fair	Fair	Moderate *Diplodia* tip blight infection in foliage and twigs. Moderately severe sapsucker injury on main trunk. Moderately severely suppressed by adjacent trees.	M								---
173	Lawn	No	Sassafras *Sassafras albidum*	---	13.0	13.0	Mature	9.8	5.4	Poor	Poor	Poor	Moderately severe dieback in scaffold limbs. Severe dieback in upper trunk. Moderate wounds on buttress roots.								M	---
174	Lawn	No	Austrian pine *Pinus nigra*	---	11.5	11.5	Mature	8.6	4.8	Fair	Poor	Poor	Severe crook in upper trunk. Moderately severe sapsucker injury on main trunk. Moderately severe pitch mass borer in upper trunk. Moderate lean in main trunk.	M								---
175	Lawn	No	Black cherry *Prunus serotina*	---	5.7	5.7	Young	4.3	2.4	Poor	Fair	Poor	Moderately severe wounds on buttress roots. Tree is stump sprout from previous removal. Moderately severe dieback in small branches and twigs.	M								Consider removal due to poor quality.
176	Lawn	Yes	Sassafras *Sassafras albidum*	---	21.2, 26.9	34.2	Over-mature	34.2	14.3	Poor	Poor	Poor	Moderately severe decay in lower trunk. Severe canker infection in 3 upper trunks. Severe dieback in 2 upper trunks. Severe sapwood rot in 1 main trunk. 1 moderately severe weak crotch in main trunk.								H	---
177	Landscape	Yes	Tree of heaven *Ailanthus altissima*	Tier 4 - Widespread	12.8	12.8	Mature	9.6	5.3	Good	Fair	Fair	Severe crook in upper trunk.									---

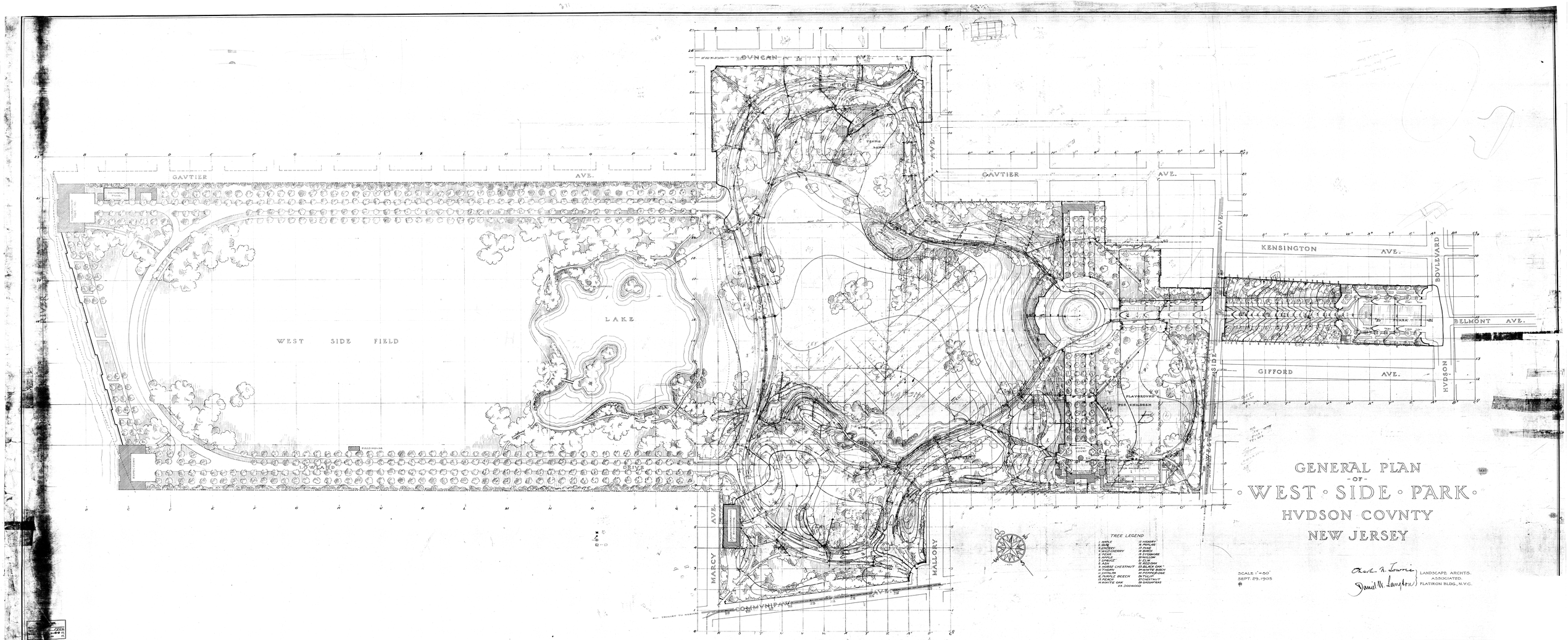
#	SITE TYPE (SIZE)	OVERHEAD WIRES	SPECIES	LOWER HUDSON PRISM TIER 1-4 INVASIVE SPECIES	DIAMETER (in) (dead stems)	SINGLE-STEM EQUIVELENT (RSS)	AGE CLASS	TPZ (ft radius)	SRZ (ft radius)	HEALTH + VIGOR	STRUCTURE + FORM	OVERALL CONDITION	DISORDERS + DEFECTS, COMMENTS	CLEAN CROWN	RAISE CROWN	REDUCE CROWN	STRUCTURAL PRUNE	CABLE	CLEAR VINES	INSPECT	REMOVE (CONDITION)	OTHER RECOMMENDATIONS + NOTES
178	Lawn	Yes	Sassafras *Sassafras albidum*	---	18.8	18.8	Mature	14.1	7.8	Poor	Poor	Poor	Moderately severe dieback in scaffold limbs. Severe canker infection in upper trunk. Moderately severe lean in lower trunk. Moderately severe decay in lower trunk and buttress roots.								H	---
179	Lawn	Yes	Austrian pine *Pinus nigra*	---	16.9	16.9	Mature	12.7	7.0	Fair	Poor	Fair	Moderate *Diplodia* tip blight infection in foliage and twigs. Moderately severe lean in upper trunk.	M								---
180	Landscape	Yes	Norway Maple *Acer platanoides*	Tier 4 - Widespread	10.0, 7.0	12.2	Mature	12.2	5.1	Good	Poor	Poor	Main trunk severely embedded in chain link fence. Fence rail embedded in main trunk. Moderately severe lean in upper trunk.				L					Consider removal due to invasive species and poor quality.
181	Lawn	No	Crabapple *Malus spp.*	---	10.5	10.5	Mature	10.5	4.4	Good	Poor	Poor	Severe decay in lower trunk and buttress roots. Moderately severe sapsucker injury on main trunk.				L					---
182	Lawn	No	Black cherry *Prunus serotina*	---	2.2, 1.4	2.6	Young	2.0	1.1	Good	Poor	Fair	Tree is stump sprouts from previously removed tree. 1 main trunk split off at 6'. Moderately severe decay in stump. Likely has a limited remaining life expectancy due to stump structure.		L		L					---
183	Lawn	No	Norway Maple *Acer platanoides*	Tier 4 - Widespread	21.1	21.1	Mature	21.1	8.8	Good	Fair	Fair	Severe surface rooting. Severe wounds on surface roots. 1 moderate weak crotch in upper trunk.									---
184	Lawn	Yes	American elm *Ulmus americana*	---	5.4	5.4	Young	2.7	2.3	Good	Fair	Fair	Moderate lean in upper trunk.		L		L					---
185	Lawn	No	Norway Maple *Acer platanoides* 'Schwedleri'	Tier 4 - Widespread	15.5	15.5	Mature	15.5	6.5	Good	Fair	Fair	Moderately severe girdling roots. Moderate decay in main trunk. Severe surface rooting. Severe wounds on surface roots.									---
186	Lawn	No	Japanese holly *Ilex crenata*	---	2.0, 1.7, 2.5, 2.7, 2.0, 3.7	6.2	Mature	4.6	2.6	Fair	Fair	Fair	---		L		L					---
187	Lawn	No	Japanese holly *Ilex crenata*	---	2.9, 4.8, 2.9, 2.1, 2.0, 3.2, 2.9	8.2	Mature	6.1	3.4	Good	Fair	Good	---		L		L					---
188	Lawn	No	Tree of heaven *Ailanthus altissima*	Tier 4 - Widespread	14.3	14.3	Mature	10.7	6.0	Good	Good	Good	---									---
189	Lawn	No	Norway Maple *Acer platanoides* 'Schwedleri'	Tier 4 - Widespread	18.1	18.1	Mature	18.1	7.5	Good	Good	Good	Moderately severe surface roots. Moderately severe wounds on surface roots. Moderate girdling roots.									---
190	Lawn	No	Black cherry *Prunus serotina*	---	12.9	12.9	Mature	12.9	5.4	Poor	Poor	Poor	Moderately severe wounds on buttress roots. Severe dieback in upper trunks and scaffold limbs. Moderate decay in buttress roots.								H	---

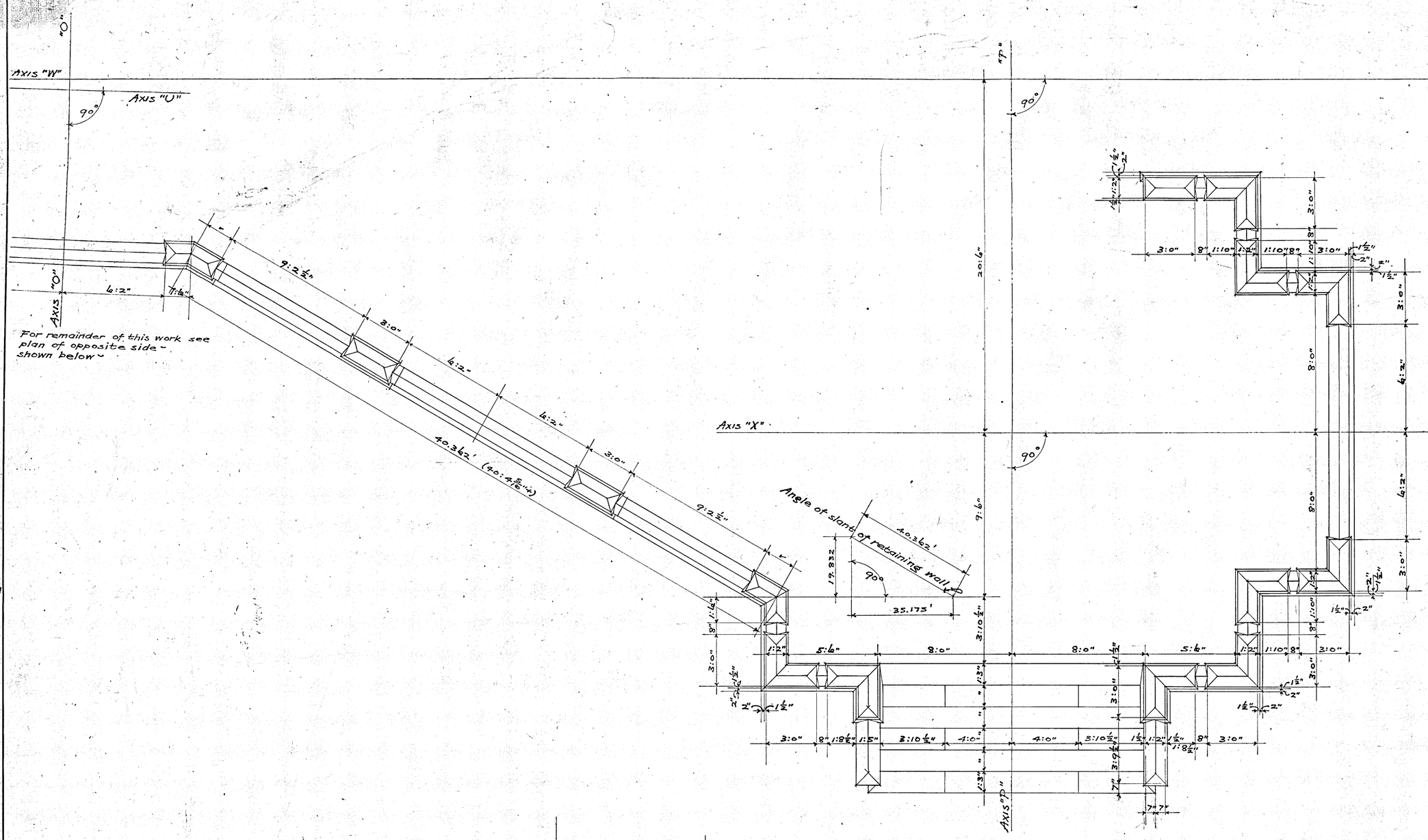
#	SITE TYPE (SIZE)	OVERHEAD WIRES	SPECIES	LOWER HUDSON PRISM TIER 1-4 INVASIVE SPECIES	DIAMETER (in) (dead stems)	SINGLE-STEM EQUIVELENT (RSS)	AGE CLASS	TPZ (ft radius)	SRZ (ft radius)	HEALTH + VIGOR	STRUCTURE + FORM	OVERALL CONDITION	DISORDERS + DEFECTS, COMMENTS	CLEAN CROWN	RAISE CROWN	REDUCE CROWN	STRUCTURAL PRUNE	CABLE	CLEAR VINES	INSPECT	REMOVE (CONDITION)	OTHER RECOMMENDATIONS + NOTES
191	Lawn	No	Japanese holly *Ilex crenata*	---	5.4, 5.0, 4.4	8.6	Mature	6.4	3.6	Good	Good	Good	---				L					---
192	Lawn	No	Black cherry *Prunus serotina*	---	3.1, 3.1, 1.2, 1.8	4.9	Young	3.7	2.0	Good	Fair	Fair	Moderately severe decay in lower trunk. Moderate decay in 1 buttress root.		L		L					---
193	Lawn	No	London planetree *Platanus x acerifolia*	---	36.9	36.9	Over-mature	46.1	15.4	Fair	Poor	Poor	Severe decay in main trunk.								H	---
194	Lawn	No	Black cherry *Prunus serotina*	---	15.2	15.2	Mature	15.2	6.3	Good	Fair	Fair	Moderately suppressed by #193. Poor live crown ratio.	M								---
195	Landscape	No	American elm *Ulmus americana*	---	13.0, 12.0	17.7	Mature	13.3	7.4	Good	Fair	Fair	1 moderately severe weak crotch in lower trunk. Moderately severe lean in 3 upper trunks. Lower trunk moderately severely embedded in chain link fence.		L		L					---
196	Lawn	No	London planetree *Platanus x acerifolia*	---	26.9	26.9	Mature	26.9	11.2	Fair	Fair	Fair	Moderate decay in 1 upper trunk.	M								---
197	Landscape	No	White mulberry *Morus alba*	Tier 4 - Widespread	6.4, 6.5, 11.3	14.5	Mature	14.5	6.1	Fair	Fair	Fair	6.4" stem severely topped. Moderate lean in 2 main trunks. Moderately suppressed by #198.	M	M		M					Consider removal due to invasive species and poor quality.
198	Lawn	No	London planetree *Platanus x acerifolia*	---	29.7	29.7	Mature	29.7	12.4	Fair	Fair	Fair	Moderately severe wounds on surface roots. Moderate localized decay at old pruning wounds.	M								---
199	Lawn	No	Winged euonymus *Euonymus alatus*	Tier 4 - Widespread	3.1, 2.1, 4.3, 3.3, 3.8	7.6	Mature	7.6	3.2	Good	Fair	Fair	---		L		L					---
200	Lawn	No	Winged euonymus *Euonymus alatus*	Tier 4 - Widespread	8.6	8.6	Mature	8.6	3.6	Good	Poor	Poor	Severe decay in lower trunk.		L		L					---
201	Lawn	No	American elm *Ulmus americana*	---	30.7 @ 3.5'	30.7	Mature	23.0	12.8	Fair	Fair	Fair	1 moderately severe weak crotch in main trunk. Severe wounds in buttress wounds. Moderately severely restricted by stone wall.	M			M					---
202	Landscape	No	Single-seed hawthorn *Crataegus monogyna*	---	7.0	7.0	Mature	8.8	2.9	Fair	Fair	Fair	Moderate vine competition on main trunk. Moderately severely suppressed by adjacent trees.		L		L					---
203	Landscape	No	American elm *Ulmus americana*	---	21.0	21.0	Mature	15.8	8.8	Good	Fair	Fair	Moderately suppressed by #201.	M	M							---

APPENDIX 3: PREVIOUS DESIGN DRAWINGS

LINCOLN PARK IN JERSEY CITY:
MASTER PLAN FOR THE BELMONT AVENUE ENTRANCE

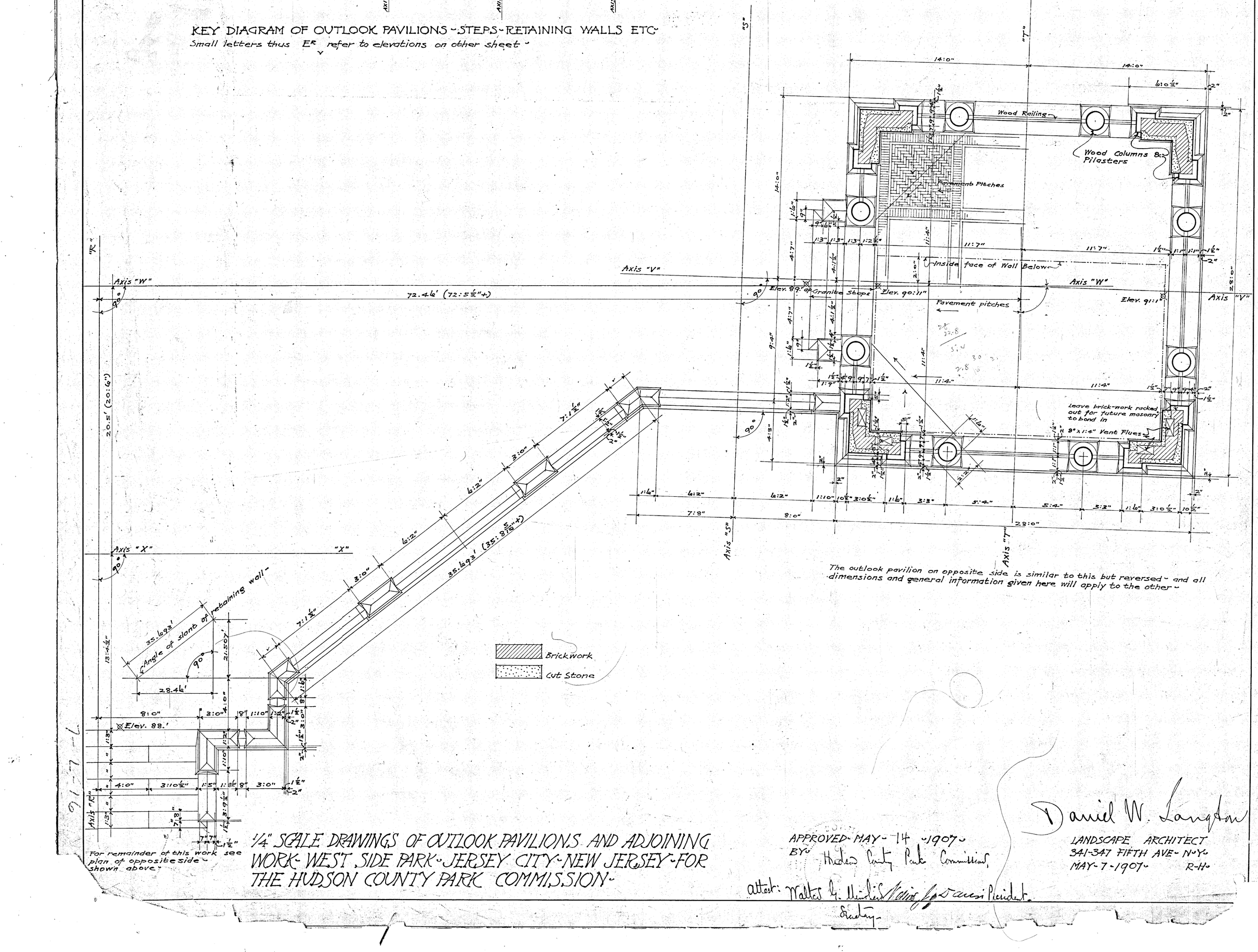



DUNCAN AVE.
GAUTIER AVE.
GAUTIER AVE.
KENSINGTON AVE.
BOULEVARD
BELMONT AVE.
GIFFORD AVE.
HUDSON
WEST SIDE FIELD
LAKE
PARK DRIVE
MARCY AVE.
MALLORY AVE.
COMMUNIPAW AVE.
WEST SIDE AVE.
PLAYGROUND FOR CHILDREN
FIELD HOUSE
COMFORT STATION
TREE LEGEND
1 MAPLE
2 HICKORY
3 CHERRY
4 WILD CHERRY
5 APPLE
6 SPRUCE
7 ASH
8 SWEET CHESTNUT
9 LINDEN
10 CATALPA
11 PURPLE BEECH
12 BIRCH
13 WHITE OAK
14 HORSE CHESTNUT
15 ELM
16 SYCAMORE
17 PINE
18 BIRCH
19 HEMLOCK
20 WILLOW
21 ELM
22 SYCAMORE
23 RED OR OAK
24 WHITE BIRCH
25 PITCH PINE
26 TULIP
27 CYPRESS
28 SASSAFRAS
29 DOGWOOD
SCALE 1"=50'
SEPT. 29, 1905
GENERAL PLAN
-OF-
WEST SIDE PARK
HUDSON COUNTY
NEW JERSEY
CHARLES N. LOWRIE
DANIEL W. LANGTON
LANDSCAPE ARCHTS. ASSOCIATED.
FLATIRON BLDG., N.Y.C.



KEY DIAGRAM OF OUTLOOK PAVILIONS ~ STEPS ~ RETAINING WALLS ETC~

Small letters thus E^{R}_{v} *refer to elevations on other sheet ~*



For remainder of this work see plan of opposite side ~ shown above ~

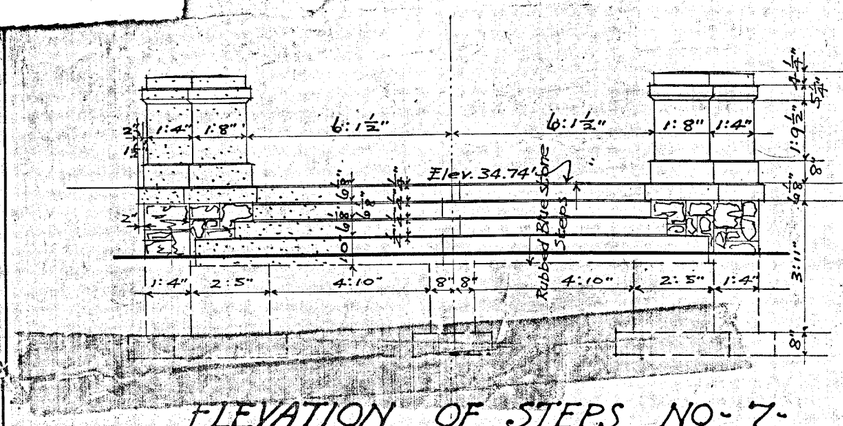
The outlook pavilion on opposite side is similar to this but reversed ~ and all dimensions and general information given here will apply to the other ~

1/4" SCALE DRAWINGS OF OUTLOOK PAVILIONS AND ADJOINING WORK ~ WEST SIDE PARK ~ JERSEY CITY ~ NEW JERSEY ~ FOR THE HUDSON COUNTY PARK COMMISSION ~

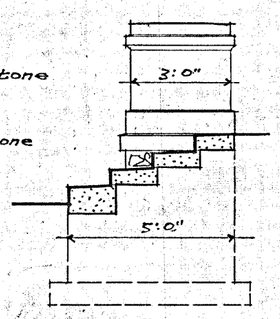
APPROVED ~ MAY ~ 14 ~ 1907 ~
BY ~ Hudson County Park Commission
attest: Walter G. Merritt Wallace J. Travers President.
Secretary.

Daniel W. Langton
LANDSCAPE ARCHITECT
341-347 FIFTH AVE ~ N.Y.
MAY ~ 7 ~ 1907 ~ R-H.

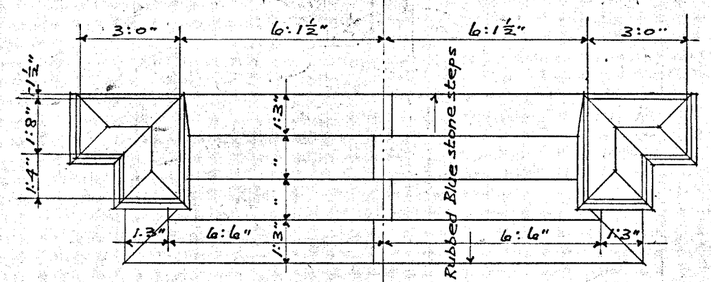
7-7-07



ELEVATION OF STEPS NO-7-

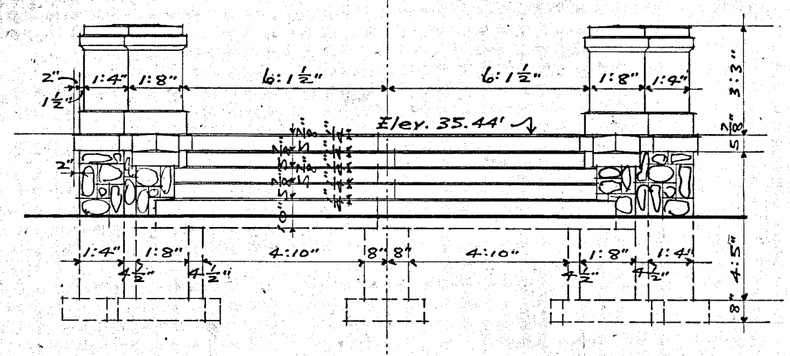


SECTION

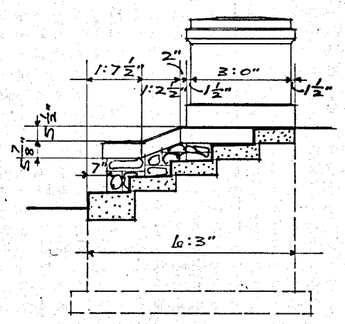


PLAN

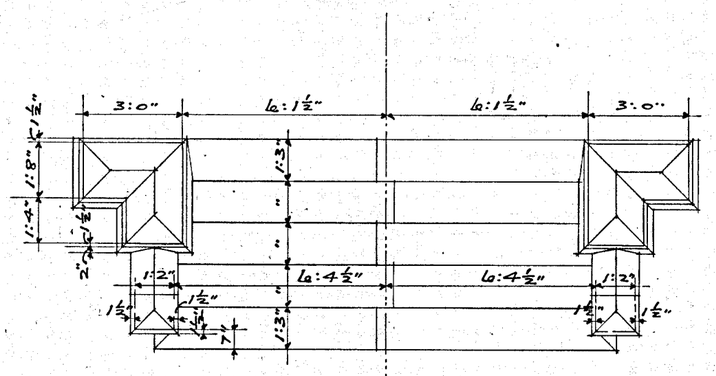
Detail of stone posts similar to those shown in connection with outlook pavilion and balustrade~



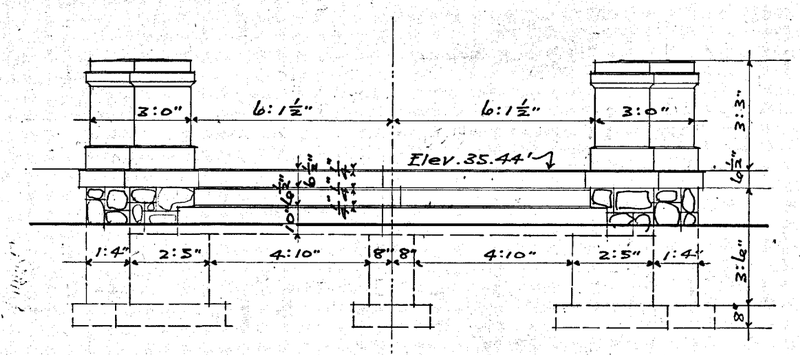
ELEVATION OF STEPS NO-6-



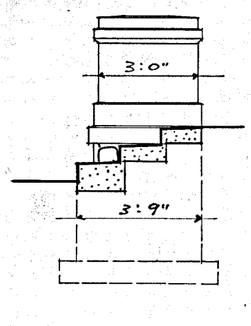
SECTION



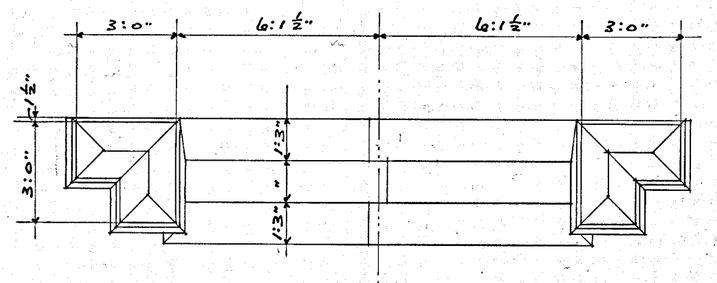
PLAN



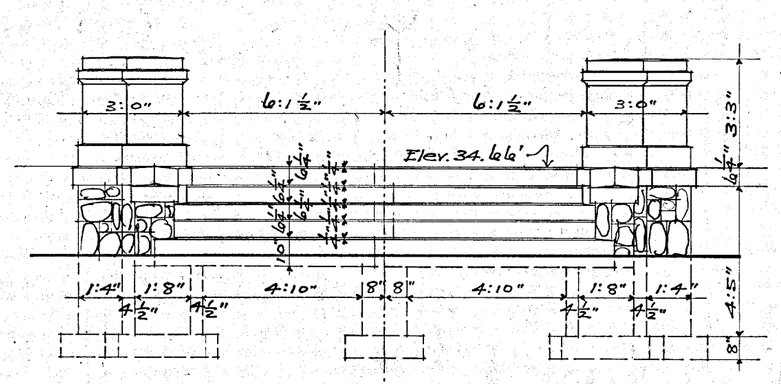
ELEVATION OF STEPS NO-5-



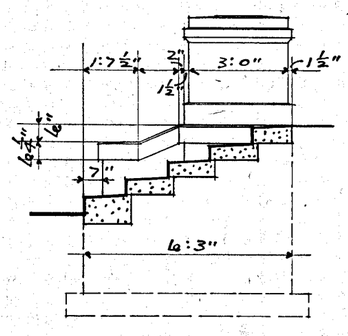
SECTION



PLAN



ELEVATION OF STEPS NO-4-



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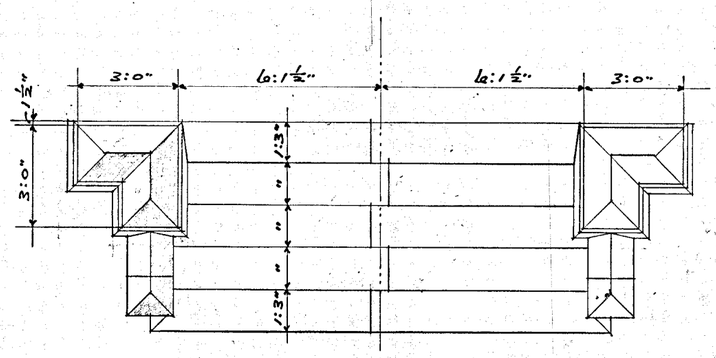
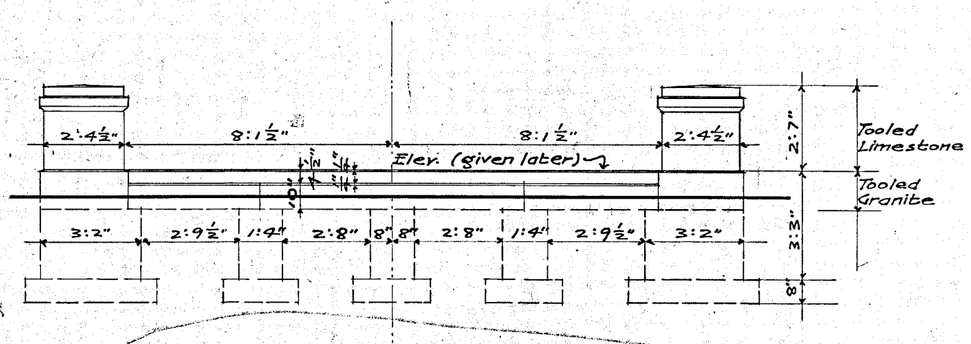
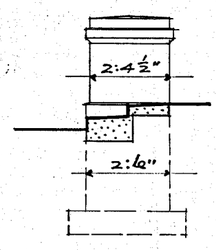


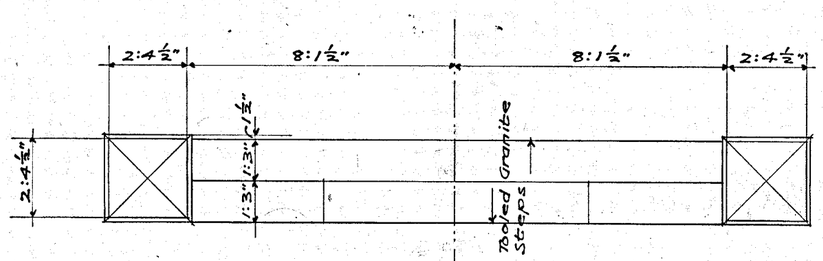
PLAN



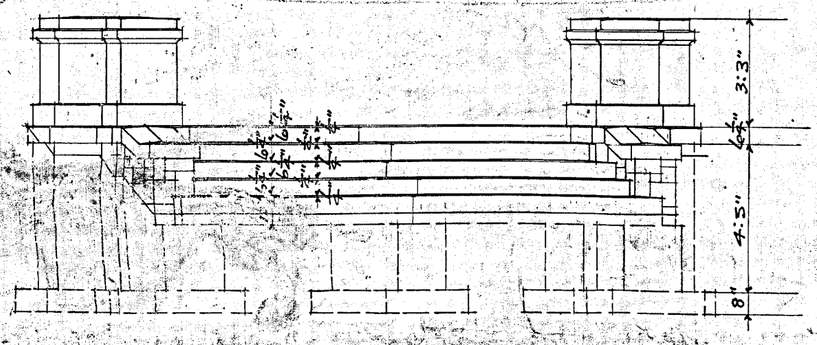
ELEVATION OF STEPS NO-2-
2 like this ~ Color of Granite



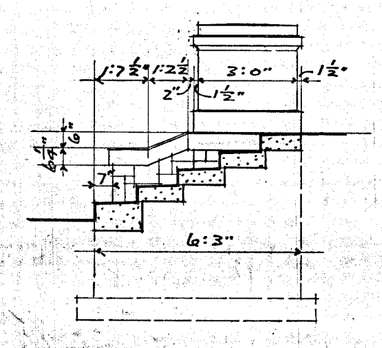
SECTION



PLAN



ELEVATION OF STEPS NO-3-



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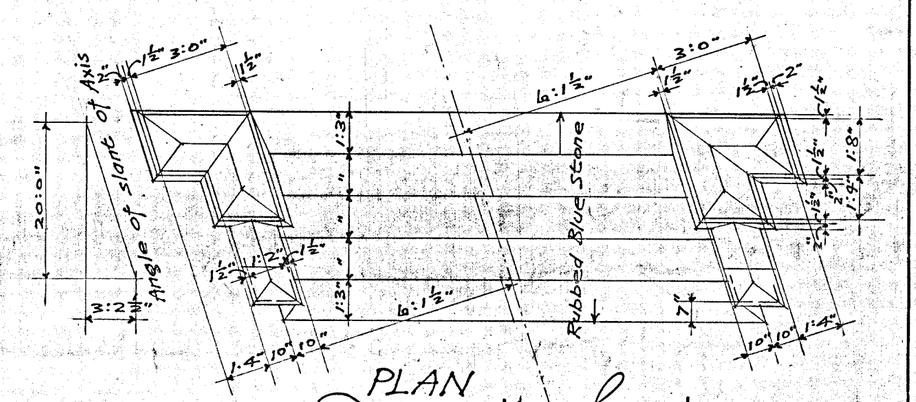
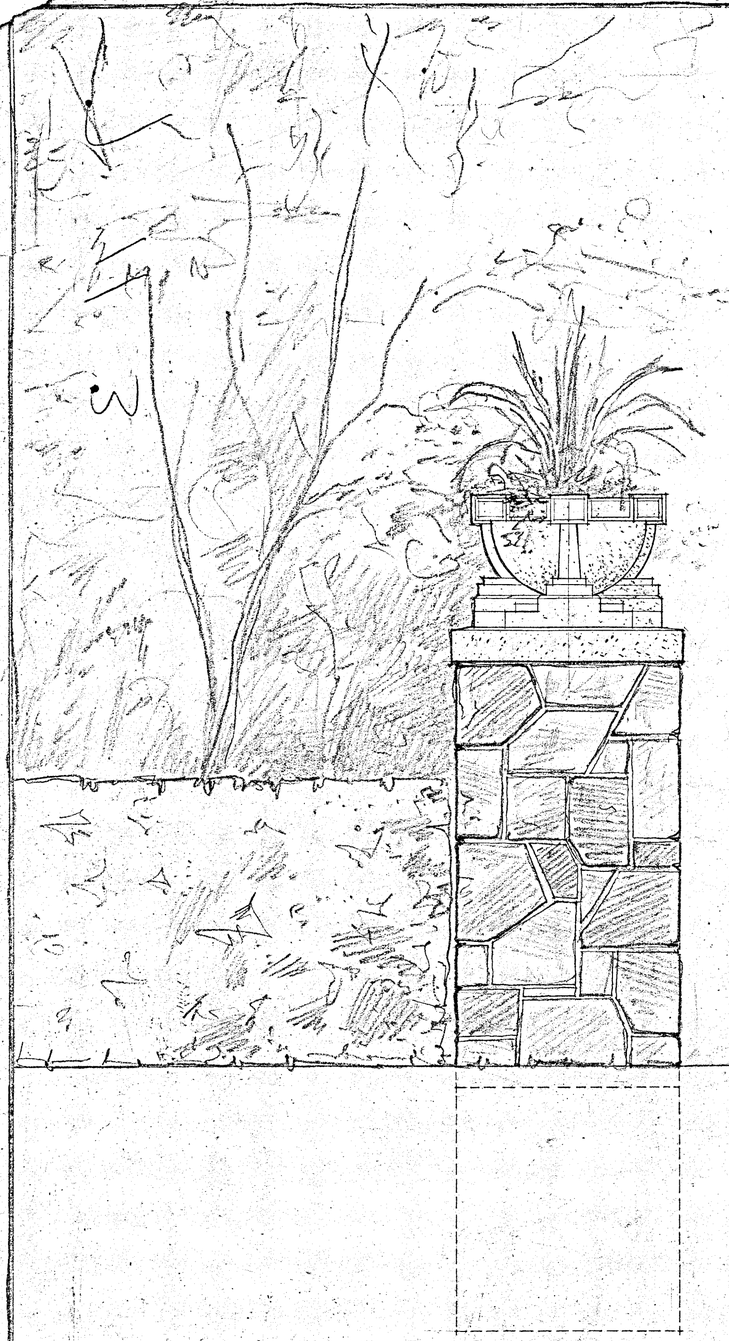


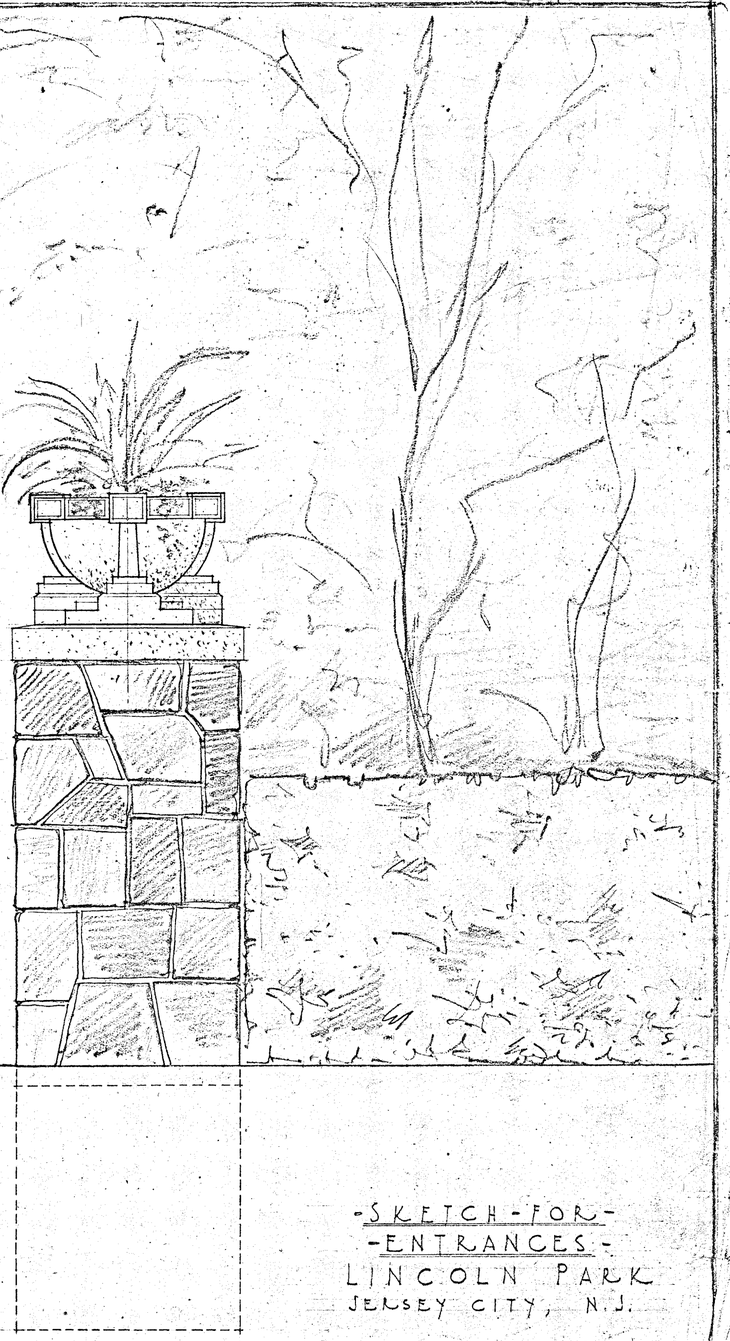
PLAN

1/4" SCALE DRAWING OF STEPS - FOR THE WEST SIDE PARK - JERSEY CITY - NEW JERSEY - FOR THE HUDSON COUNTY PARK COMMISSION -

APPROVED - MAY - - 1907 -
BY

David W. Langton
LANDSCAPE ARCHITECT
341 - 347 - FIFTH AVE - N.Y.
MAY - 10 - 1907 - R.H.





-SKETCH - FOR-
-ENTRANCES-
LINCOLN PARK
JERSEY CITY, N.J.

FREDRIC C. HOTH
ENGINEER & GEN. SUPT.

DATE: AUG. 3, 1934 - SCALE 3/4" = 1'

N

9

DUNCAN AVE

MALLORY AVE

GAUTIER AVE

KENSINGTON AVE

GIFFORD AVE

HUDSON BOULEVARD

STATE HIGHWAY

MARCY AVE

COMMUNIPAW AVE

- STATISTICS -

AREA SQ. FEET & ROADWAY	122.0 ACRES
DRIVES - 1.98 MILES	7.3 ACRES
PATHS - 4.96 MILES	7.2 ACRES
LAWNS	38.8 ACRES
FLOWER BORDERS	1.2 ACRES
PLANTATIONS	23.0 ACRES
CHILDRENS PLAYGROUND	1.1 ACRES
LAKE	2.7 ACRES
TENNIS - 18 COURTS	2.5 ACRES
BRIDLE PATH - .6 MILES	.7 ACRES
ATHLETIC FIELD	25.8 ACRES
UNDEVELOPED	11.7 ACRES
TREES	2000.

PARTIALLY DEVELOPED

FOOT BRIDGE

VEHICULAR BRIDGE

FOOT BRIDGE

BASEBALL DIAMONDS

ATHLETIC FIELD

LOOKOUT

BRIDLE PATH

DRIVE

CIRCLE

FOUNTAIN

PATH

STAND

BAND

LAWN

PLAZA

MEMORIAL ARCH

TENNIS COURTS

LAKE

PARK OFFICE

COMFORT STATION

CHILDRENS PLAY GROUND

WADING POOL

PROPERTY

YARD

HUDSON COUNTY PARK COMMISSION

MAP OF

LINCOLN PARK

JERSEY CITY, N. J.

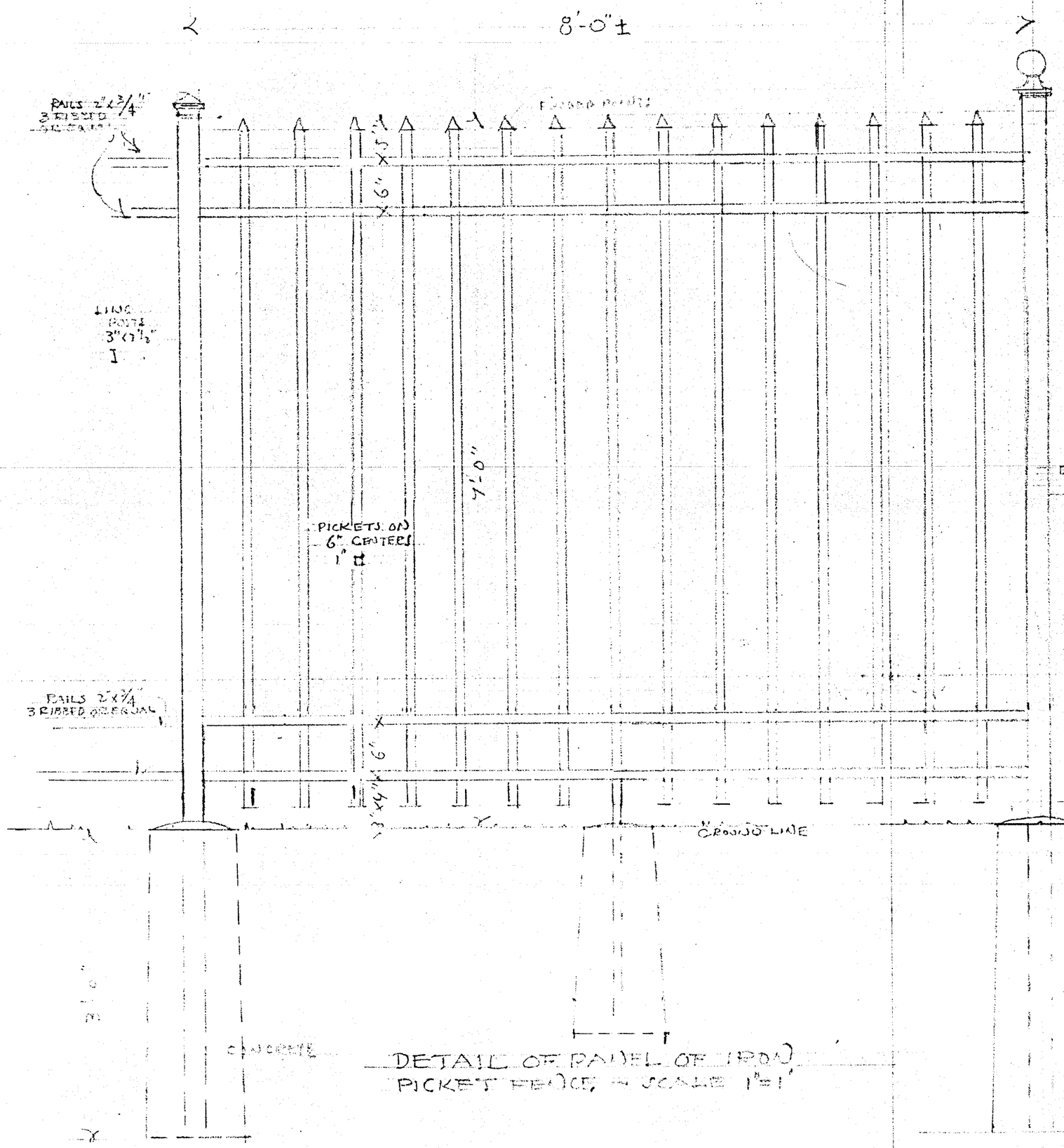
SHOWING ACTUAL STATE AS OF MAY, 1934.

SCALE 100 80 60 40 20 0 50 100 150 200

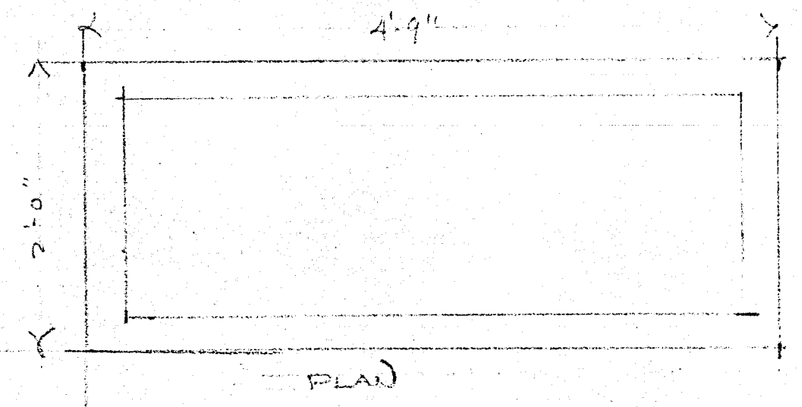
COMPILED BY FREDERIC C. HOTH.
LANDSCAPE ARCHITECT AND ENGINEER.

DRAWN BY
CHARLES J. JOHNSON
ARCHITECT

SHEET No 1

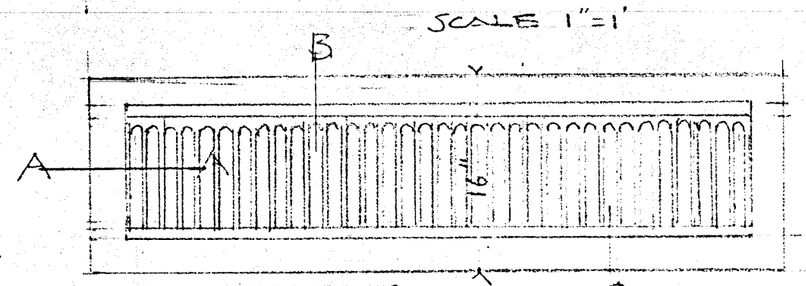


DETAIL OF PANEL OF IRON PICKET FENCE, — SCALE 1"=1'

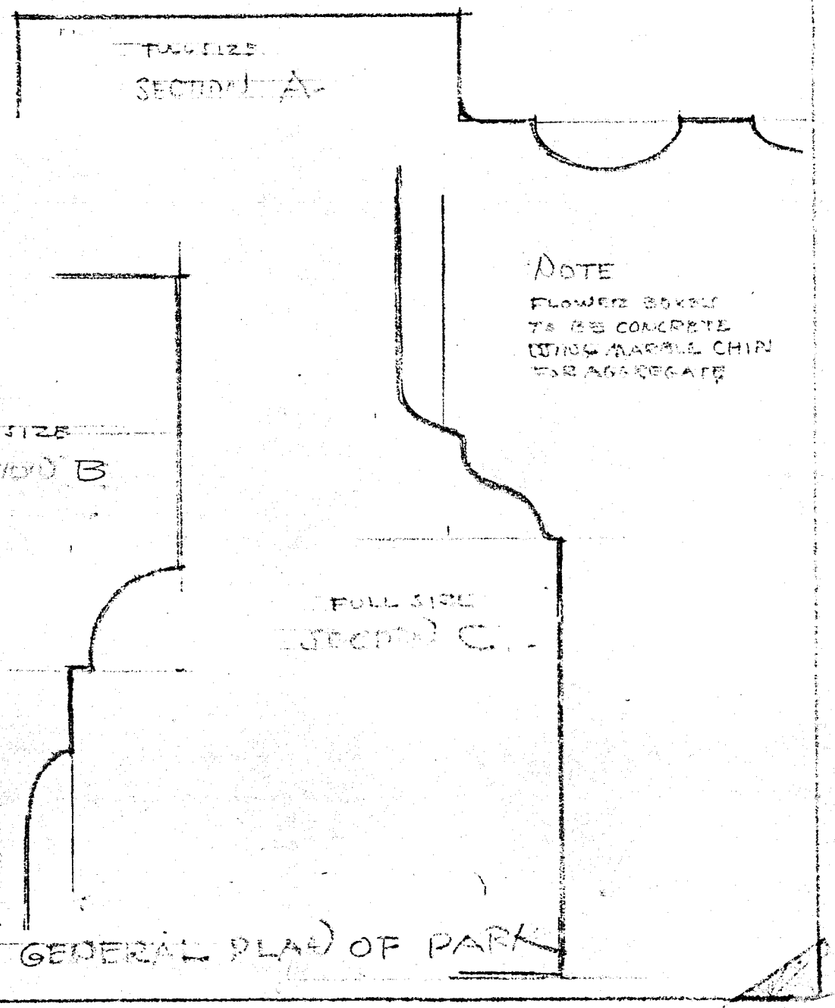


PLAN

FLOWER BOX.
SCALE 1"=1'



ELEVATION



NOTE
FLOWER BOXES TO BE CONCRETE USING MARBLE CHIPS FOR AGGREGATE

HUDSON COUNTY PARK COMMISSION.
SKETCH FOR IRON PICKET FENCE ALONG STATE HIGHWAY AT ~ ~ LINCOLN PARK JERSEY CITY, N.J.

FREDERIC G. HOTH
LANDSCAPE ARCHT AND ENGINEER
HUDSON COUNTY PARK COMMISSION

FEB. 1, 1937.

N.B. SEE GENERAL PLAN OF PARK

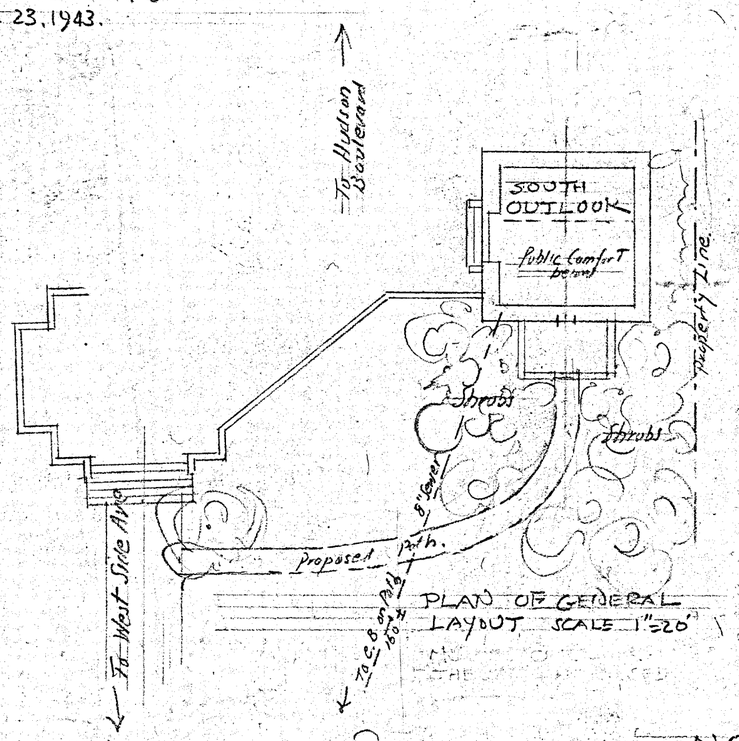
HUDSON COUNTY PARK COMMISSION

MARK A. SULLIVAN, PRESIDENT.

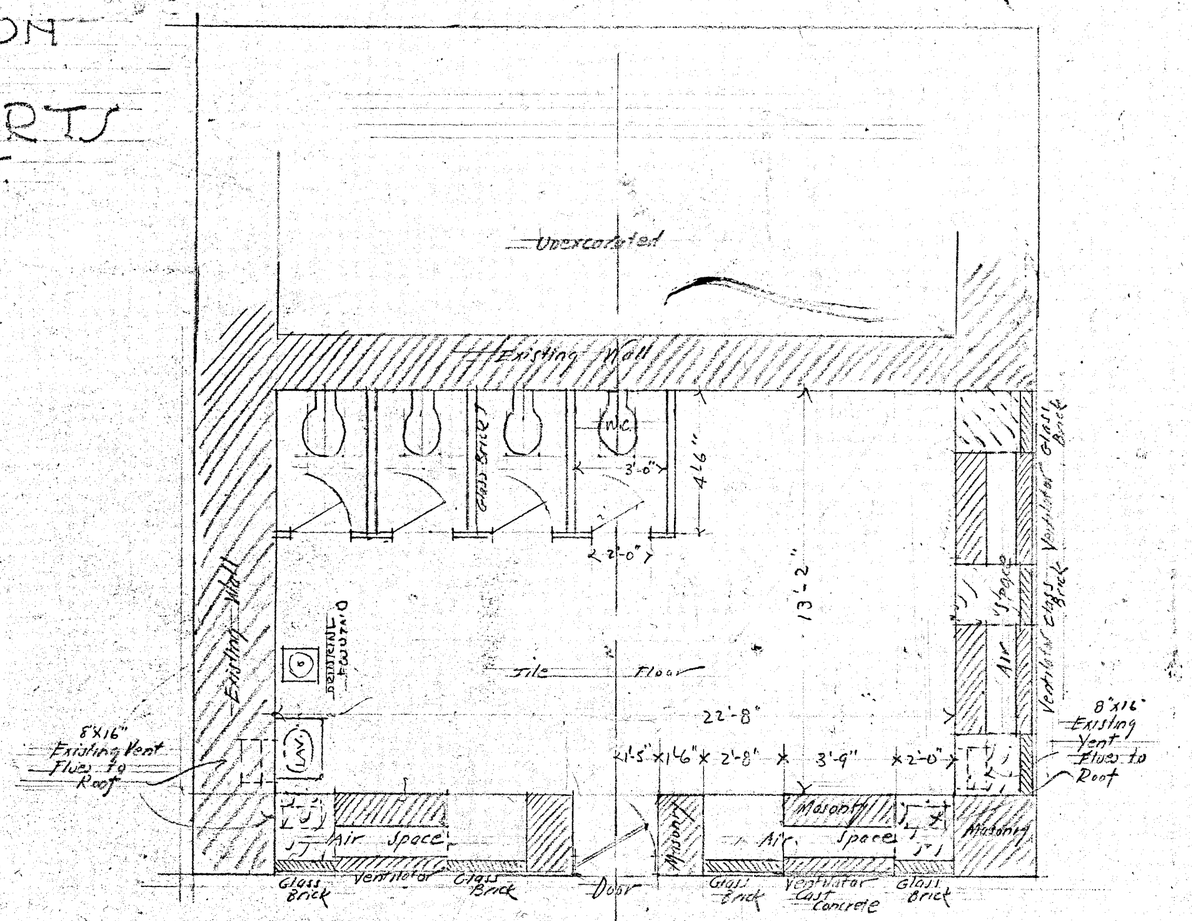
DRAWINGS OF PUBLIC COMFORTS

LINCOLN PARK, JERSEY CITY, N.J.

FREDERIC C. HOTH
LANDSCAPE ARCHT & ENG.
FEB. 23, 1943.

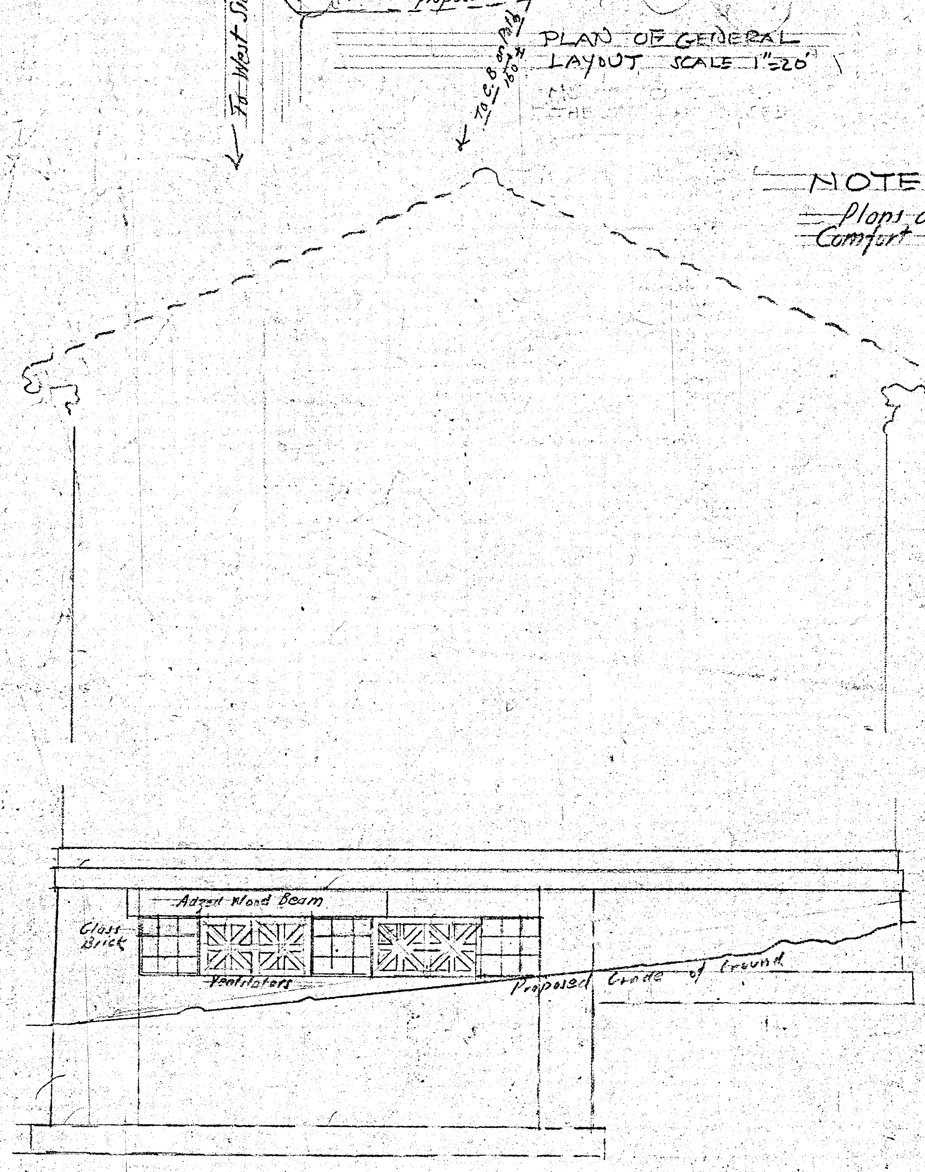


PLAN OF GENERAL LAYOUT SCALE 1"=20'

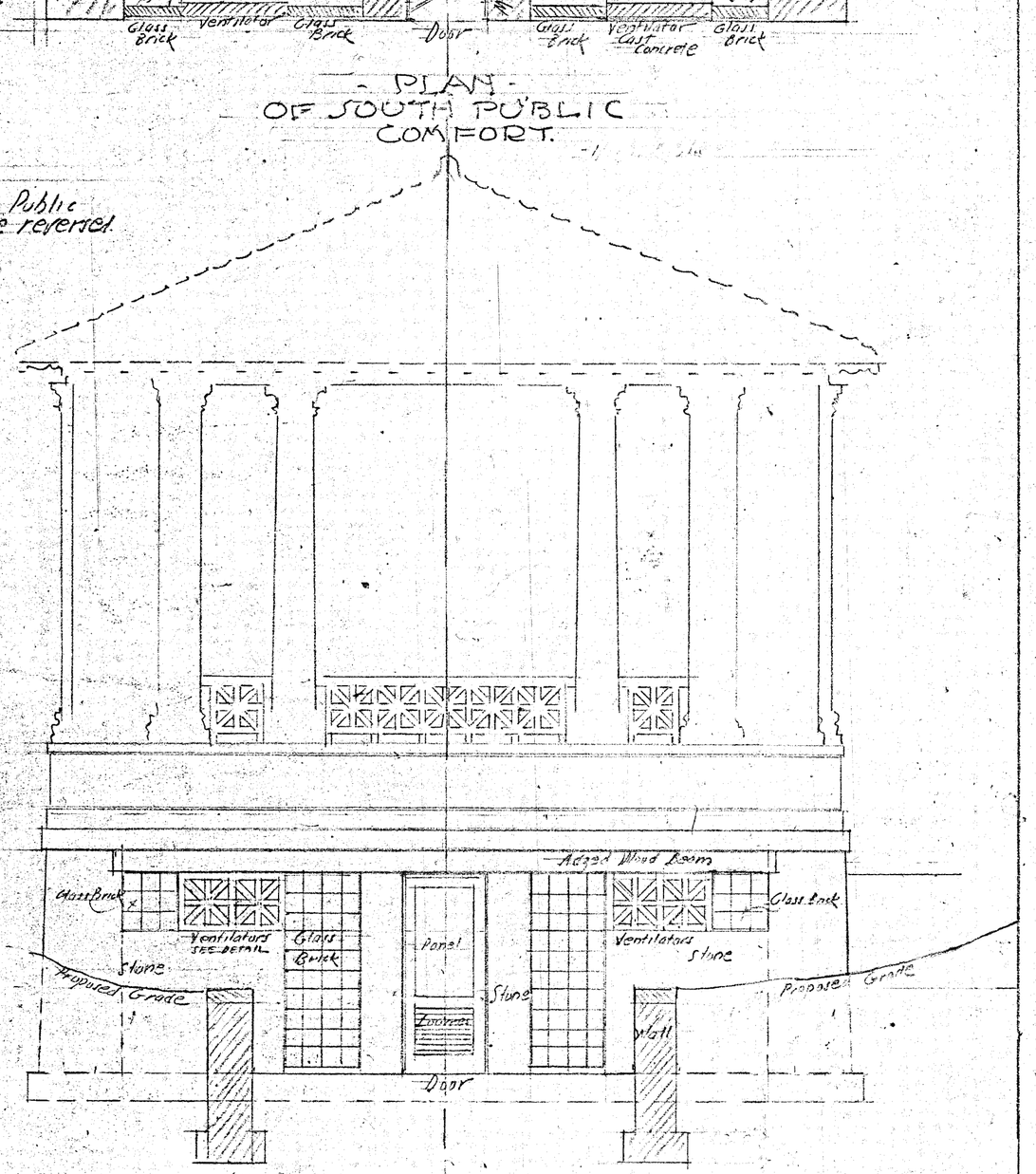


PLAN OF SOUTH PUBLIC COMFORT.

NOTE-
Plans of North Public Comfort the same reversed.

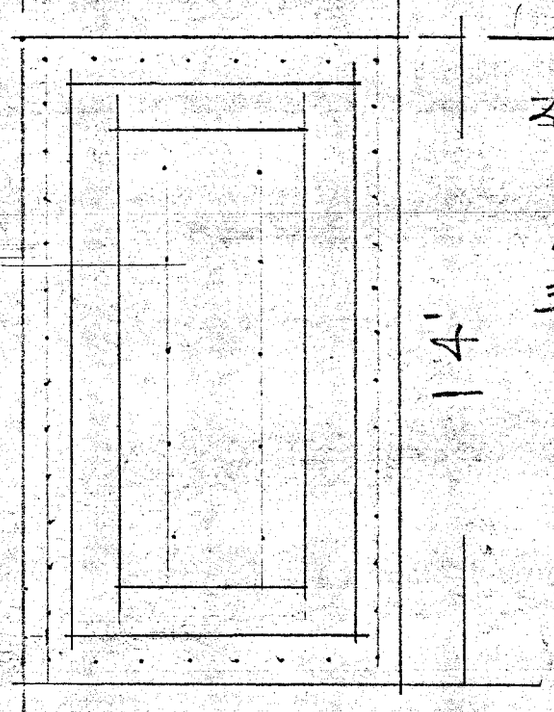


SOUTH ELEVATION
SCALE 1"=4'



WEST ELEVATION
SCALE 1"=4'

7-6-9



40 COLEUS @ 1'

10 CANNAS @ 2'

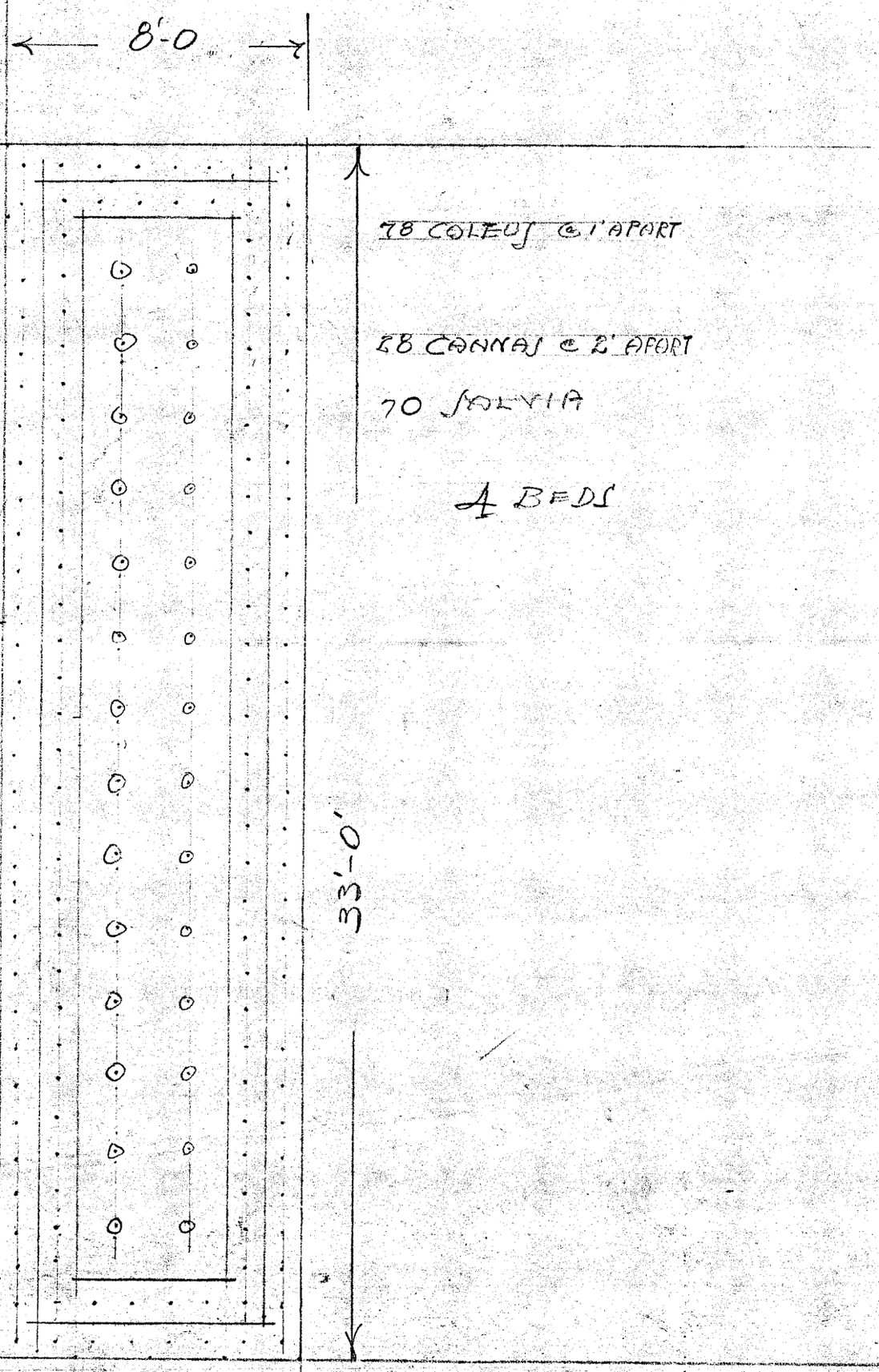
32 Salvia

8 - Beds

FLOWER BED
BOULEVARD ENTRANCE
LINCOLN PARK

MAR, 1946

Scale 1"-4'



78 COLEUS @ 1' APART

28 CANNAS @ 2' APART

70 SALVIA

4 BEDS

30	32	33'-Bed	28 CANNAS @ 2'		
	16		78 COLEUS @ 1'	× 4	
	44		70 SALVIA @ 1'		
18	48	14'-"	10 CANNAS		
	14		40 COLEUS	× 8	
	40		32 SALVIA		
29	70	20'-"	16 CANNAS		
	36		32 COLEUS	× 2	
	62		44 SALVIA		
		18'-"	14 CANNAS		
			48 COLEUS	× 2	
			40 SALVIA		
		29'-"	26 CANNAS		
			20 COLEUS		
			62 SALVIA		

CANNAS	COLEUS	SALVIA
112	312	280
80	320	256
32	104	88
28	96	80
26	70	62
278	902	766

DUNCAN AVE.

1001 SIP AVE.

GAUTIER AVE.

1008 SIP AVE.

KENSINGTON AVE.

GIFFORD AVE.

HIGHWAY

VEHICULAR BRIDGE

STATE

LAKE

MARCY AVE.

COMMUNIPAW

1003 CULVER AVE

MALLORY AVE.

WEST SIDE

BOULEVARD

HUDSON

City of J.C. lamp

Floodlight

H.E.P.

LEGEND

Pole No. → 652

Lamp No.

× 2500 Lumen Lamp

■ 6000 "

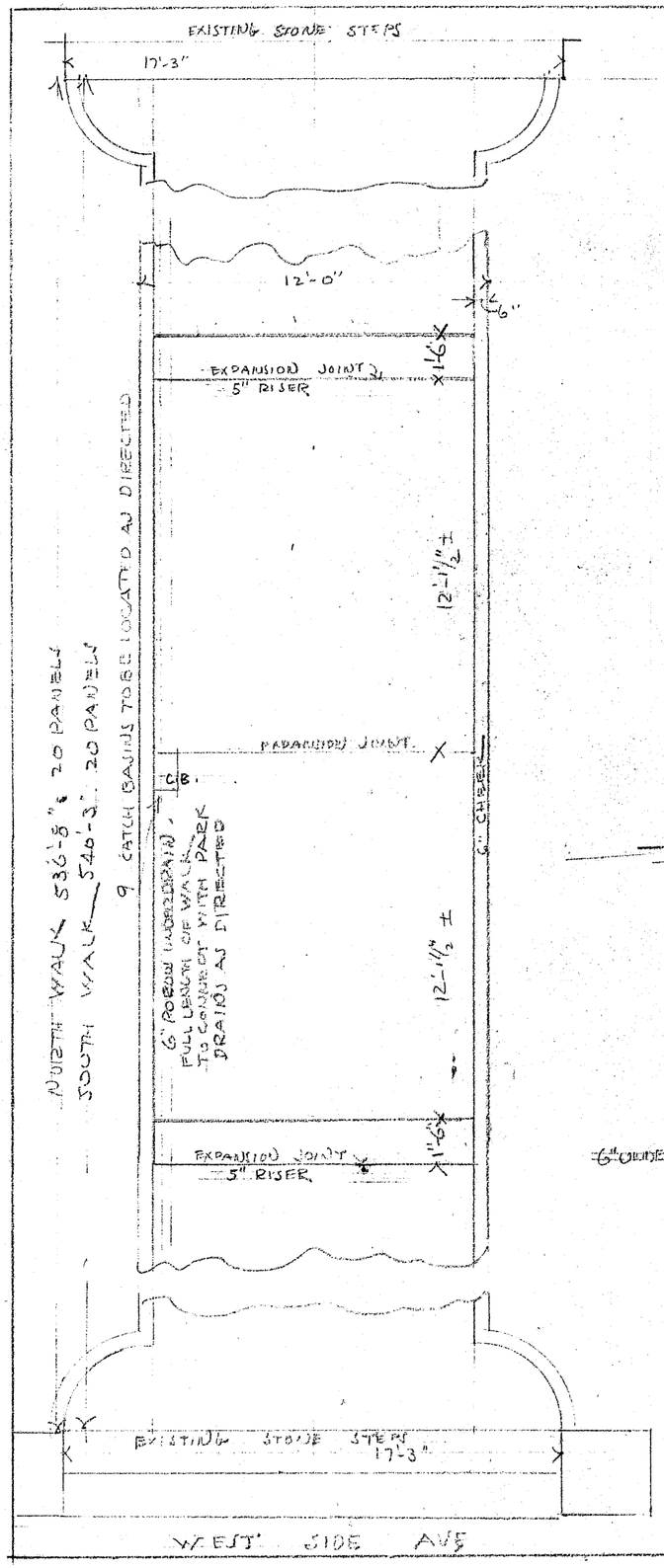
⊠ 10000 "

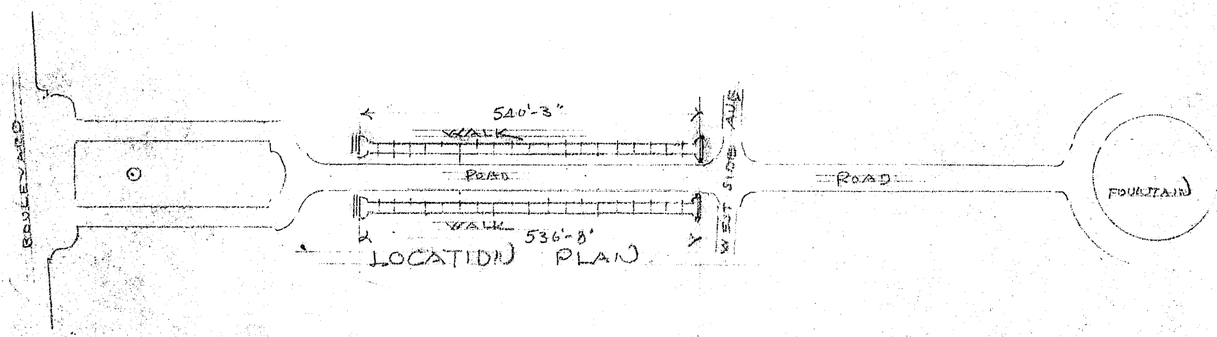
LP-112
Map of Street Lamp Locations in Lincoln Park
1947

HUDSON COUNTY PARK COMMISSION
STREET LAMP LOCATIONS - LINCOLN PARK

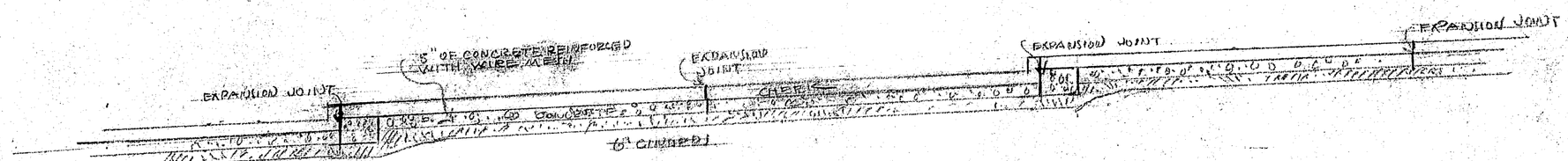
JERSEY CITY	DRAWN E.F.R.	CHECKED K.	C.F. Russell
DIV. HUDSON	DATE 12-21-37	SCALE NONE	TITLE DIVISION DIST ENGR.
FILE NUMBER	PUBLIC SERVICE ELECTRIC AND GAS COMPANY ELECTRIC DISTRIBUTION DEPARTMENT		DRAWING NUMBER 0
	STANDARD 15 X 23 - TRACING CLOTH		

REVISIONS	
INITIALS	DATE
W.B.	5-27-38
W.B.	1-31-39
W.B.	2-19-43
W.B.	6-20-47

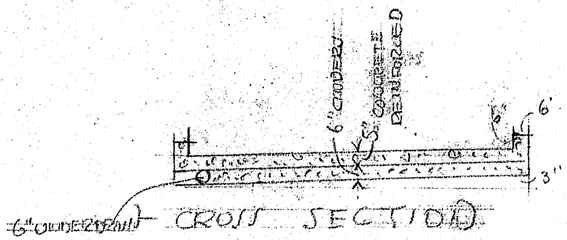




LOCATION PLAN



LONGITUDINAL SECTIONS



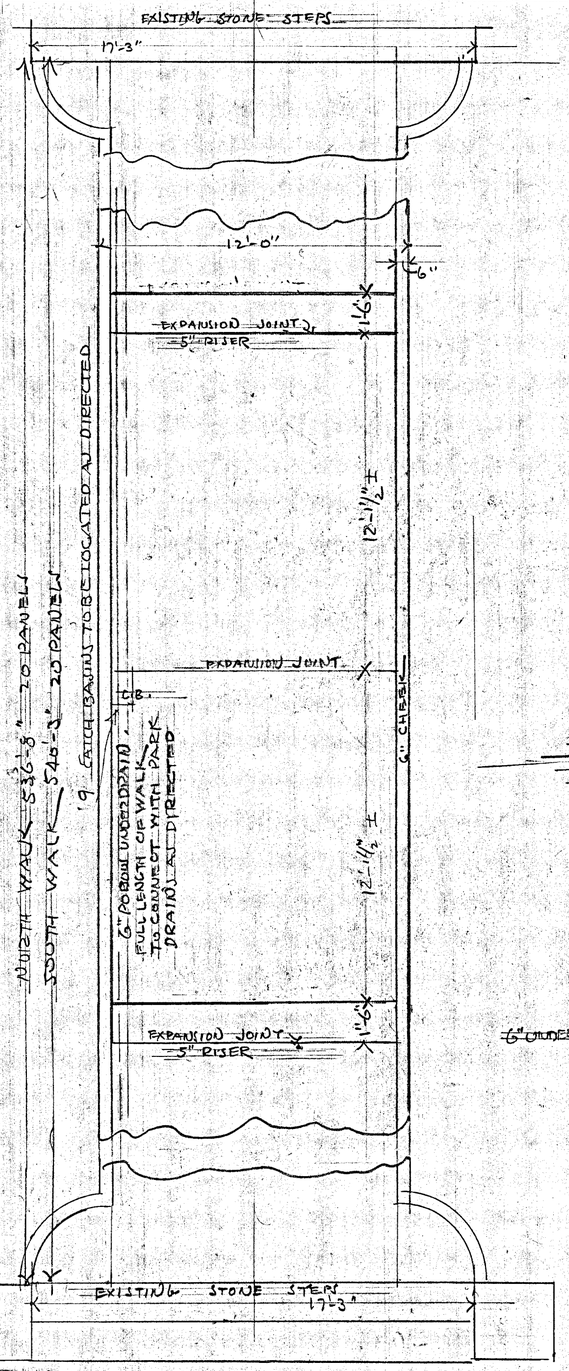
CROSS SECTION

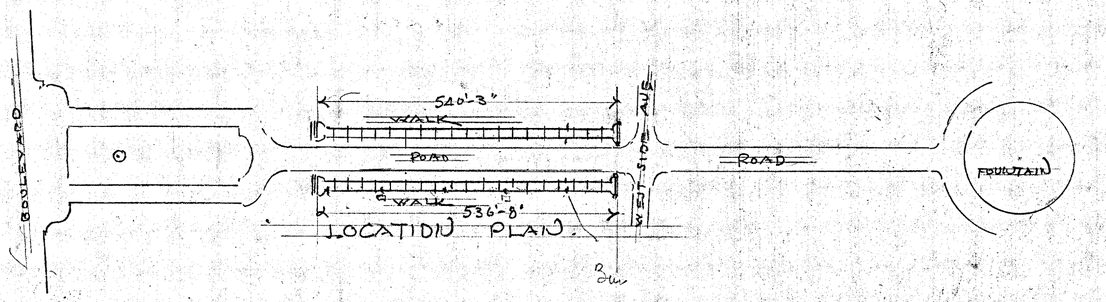
HUDSON COUNTY PARK COMMISSION
CONCRETE WALKS FOR
LINCOLN PARK, JERSEY CITY

SCALE 1" = 4'
JUNE 7, 1948

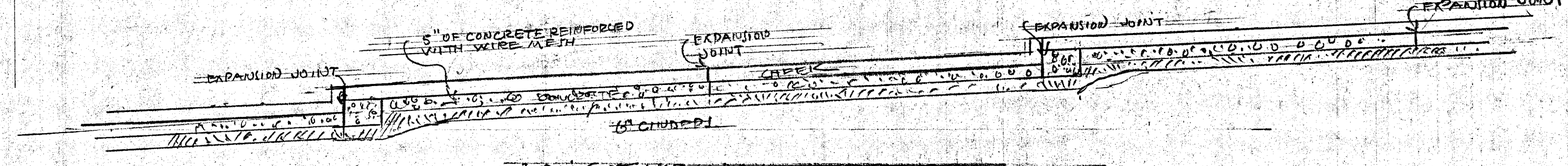
FREDERIC C. HOTH
LANDSCAPE ARCHITECT
AND ENGINEER

762

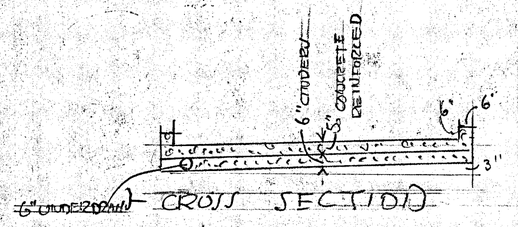




LOCATION PLAN



LONGITUDINAL SECTION



CROSS SECTION

HUDSON COUNTY PARK COMMISSION.

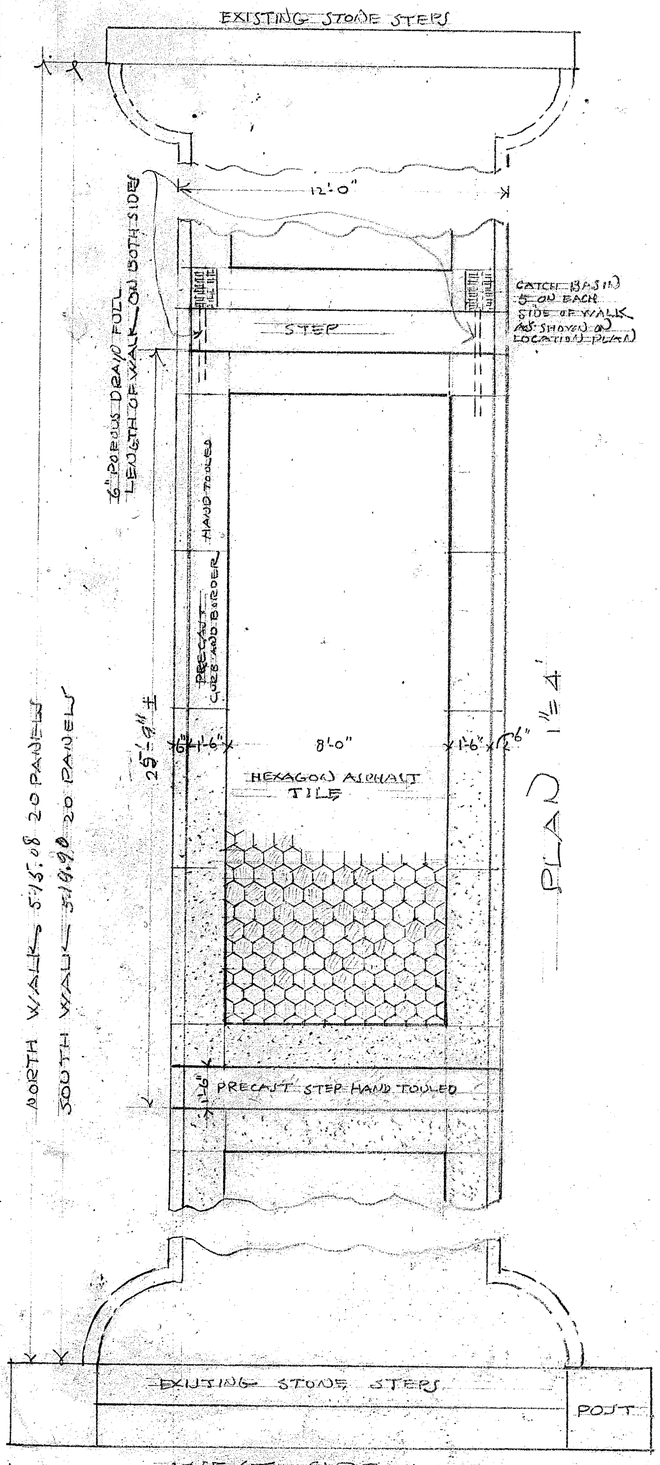
CONCRETE WALKS FOR LINCOLN PARK, JERSEY CITY

SCALE 1"=4'

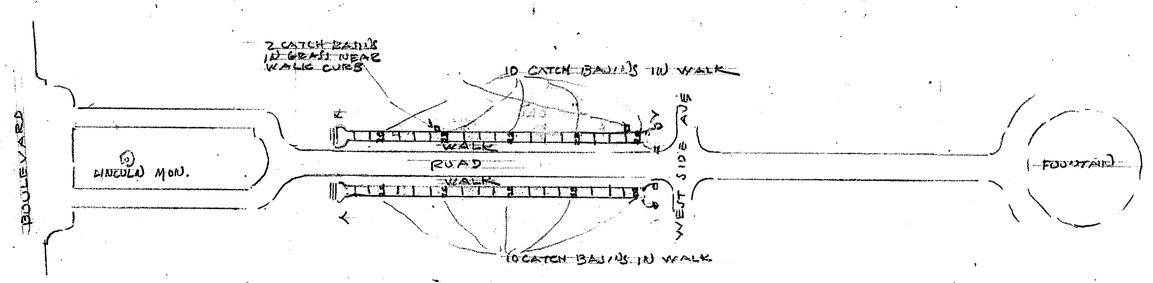
JUNE 7, 1948

FREDERIC C. HOTH
LANDSCAPE ARCHITECT
AND ENGINEER

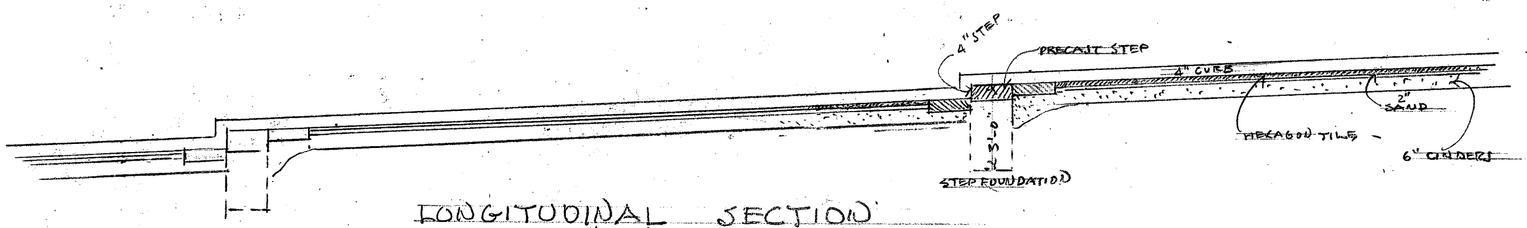
7 L 2



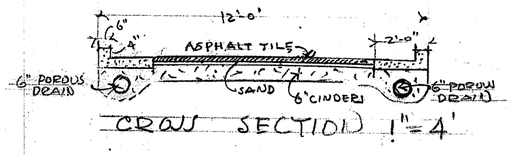
PLAN 1"=4'



LOCATION PLAN SCALE 1"=200'



LONGITUDINAL SECTION
1"=4'



CROSS SECTION 1"=4'

HUDSON COUNTY PARK COMMISSION
MARK A. SULLIVAN PRES.

ASPHALT TILE WALKS FOR ~ ~
LINCOLN PARK JERSEY CITY

FREDERIC C. HOTH
LANDSCAPE ARCHITECT
AND ENGINEER

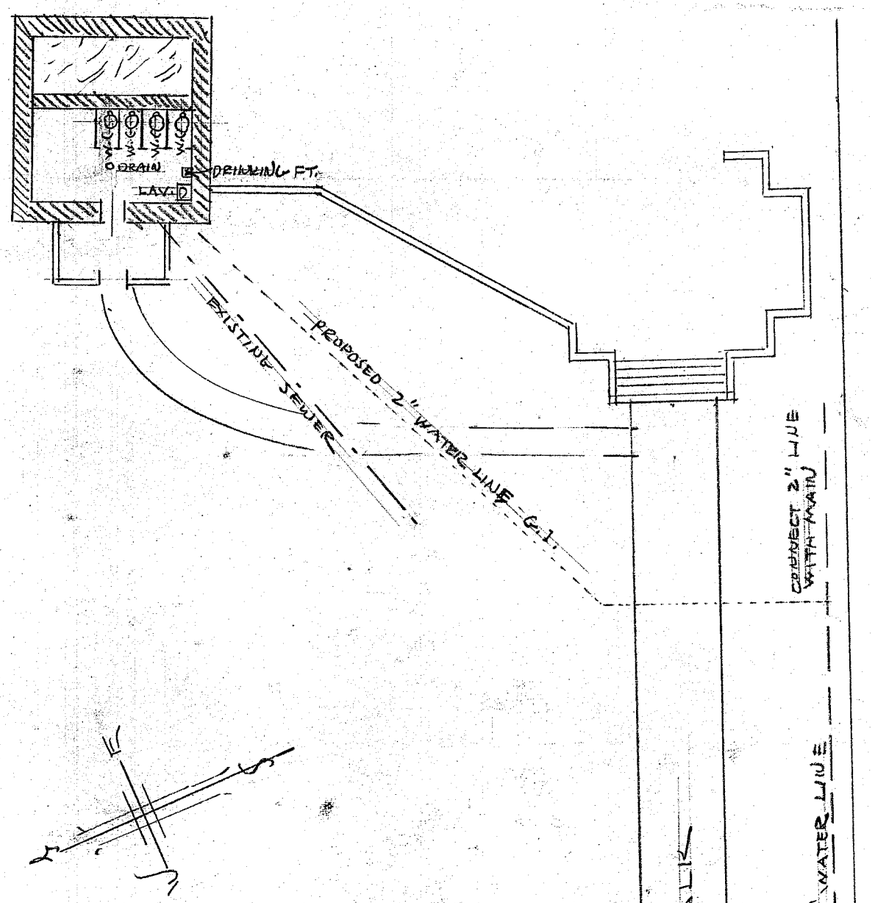
FEBRUARY 25, 1949

7 L 2

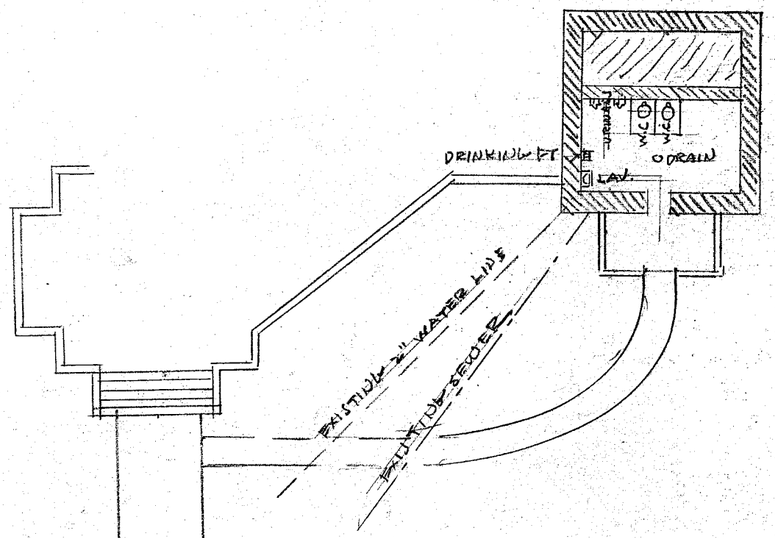
HUDSON COUNTY PARK COMMISSION

MARK A. SULLIVAN
PRESIDENT

WOMENS PUBLIC COMFORT



MENS PUBLIC COMFORT



PLAN OF
PUBLIC COMFORTS AT
LINCOLN PARK
JERSEY CITY, N.J.

SCALE 1"=20'
MAY 3, 1949

FREDERIC C. HOTH
LANDSCAPE ARCHT. & ENGINEER

7-L-9

HUDSON COUNTY PARK COMMISSION

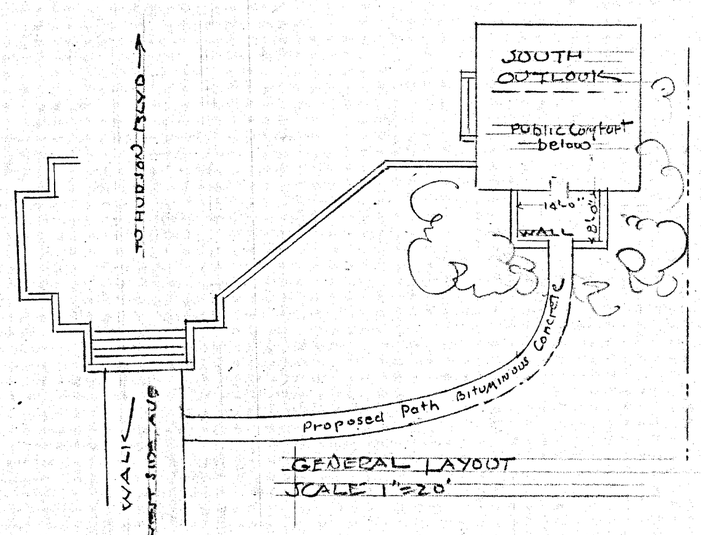
MARK A SULLIVAN PRESIDENT

DRAWINGS OF PUBLIC COMFORTS

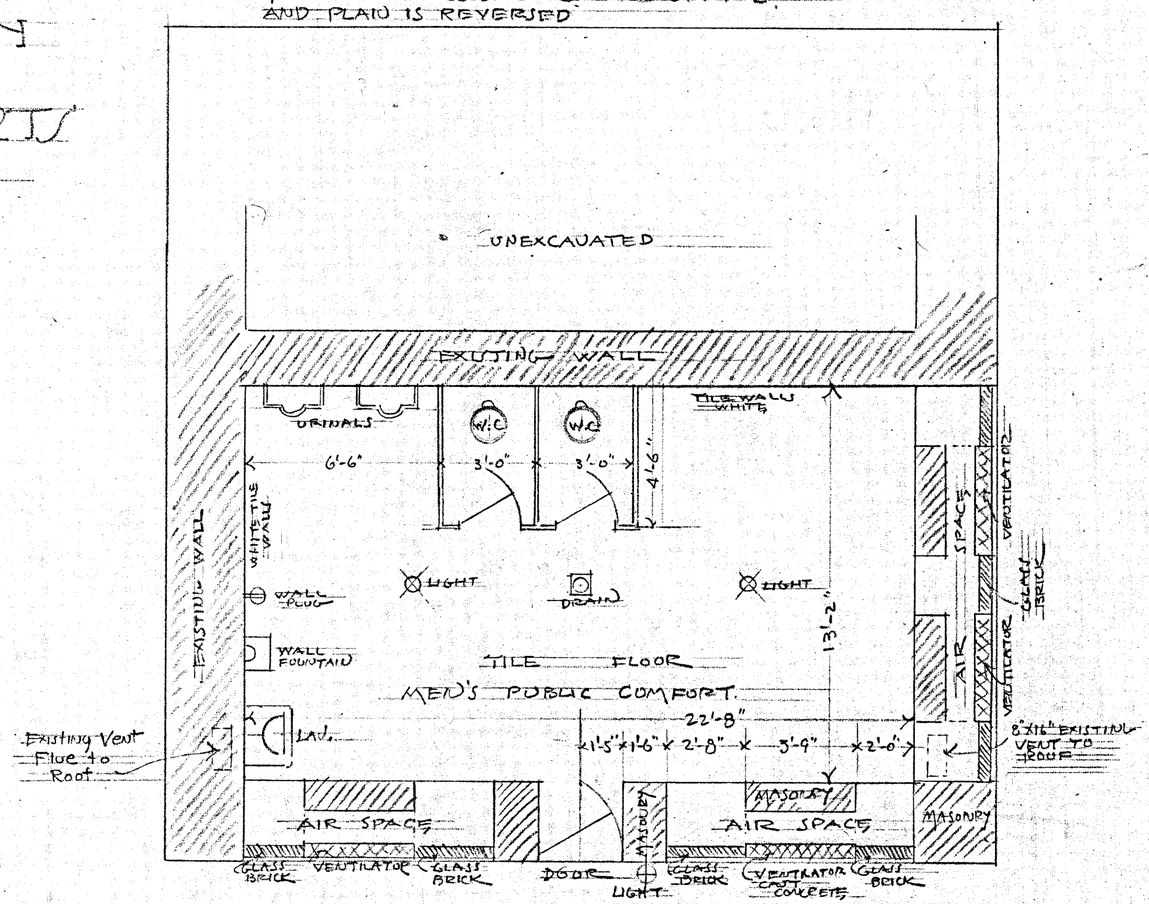
LINCOLN PARK JERSEY CITY N.J.

FREDERIC C HOTH
LANDSCAPE ARCHT. & ENG.
JUNE 2, 1949

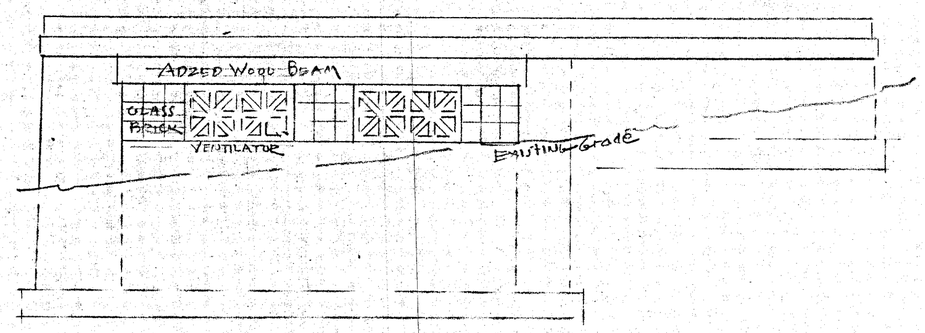
NOTE:
WOMEN'S PUBLIC COMFORT ON NORTH SIDE OF ROAD DUPLICATE OF MEN'S EXCEPT TWO WATER CLOSETS REPLACE URINALS AND PLAN IS REVERSED



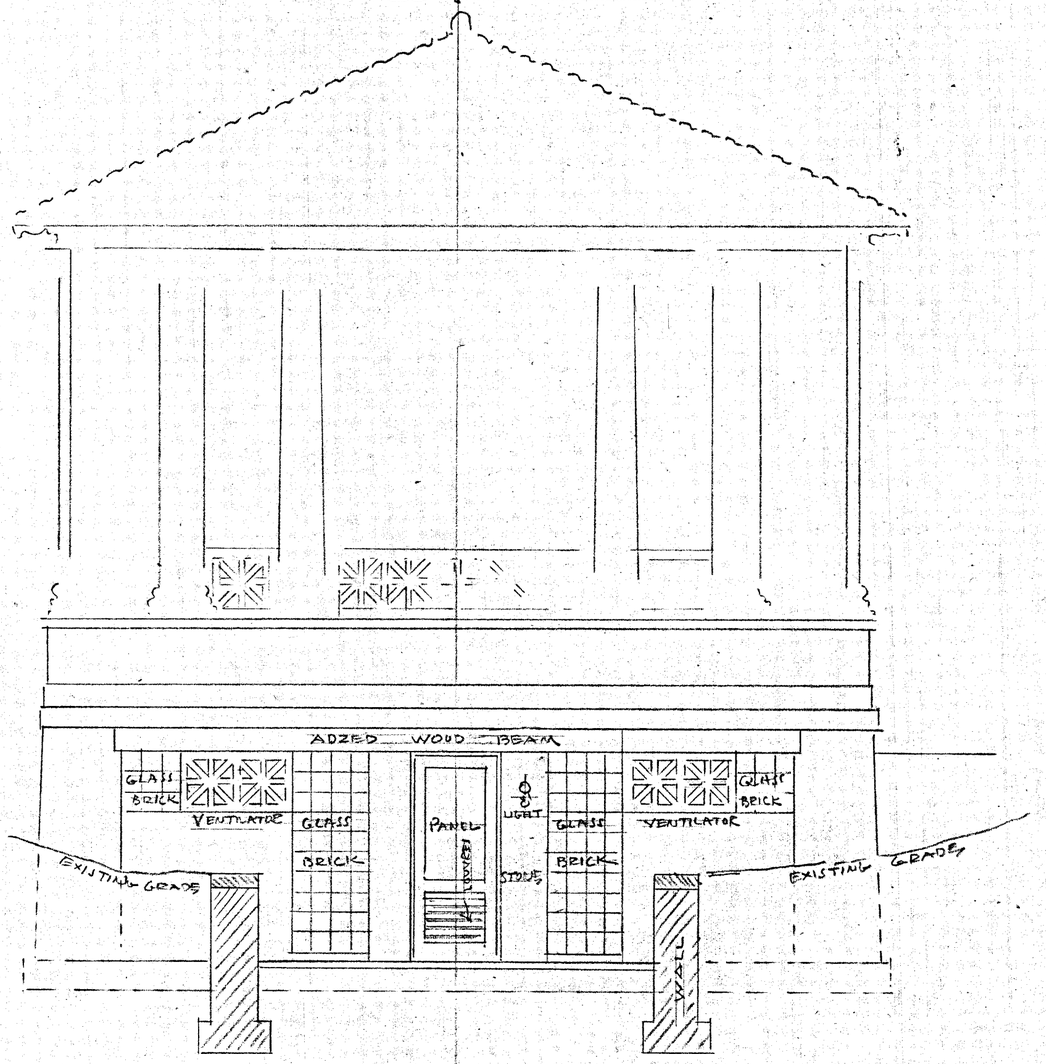
GENERAL LAYOUT
SCALE 1"=20'



PLAN OF SOUTH PUBLIC COMFORT.
SCALE 1"=4'

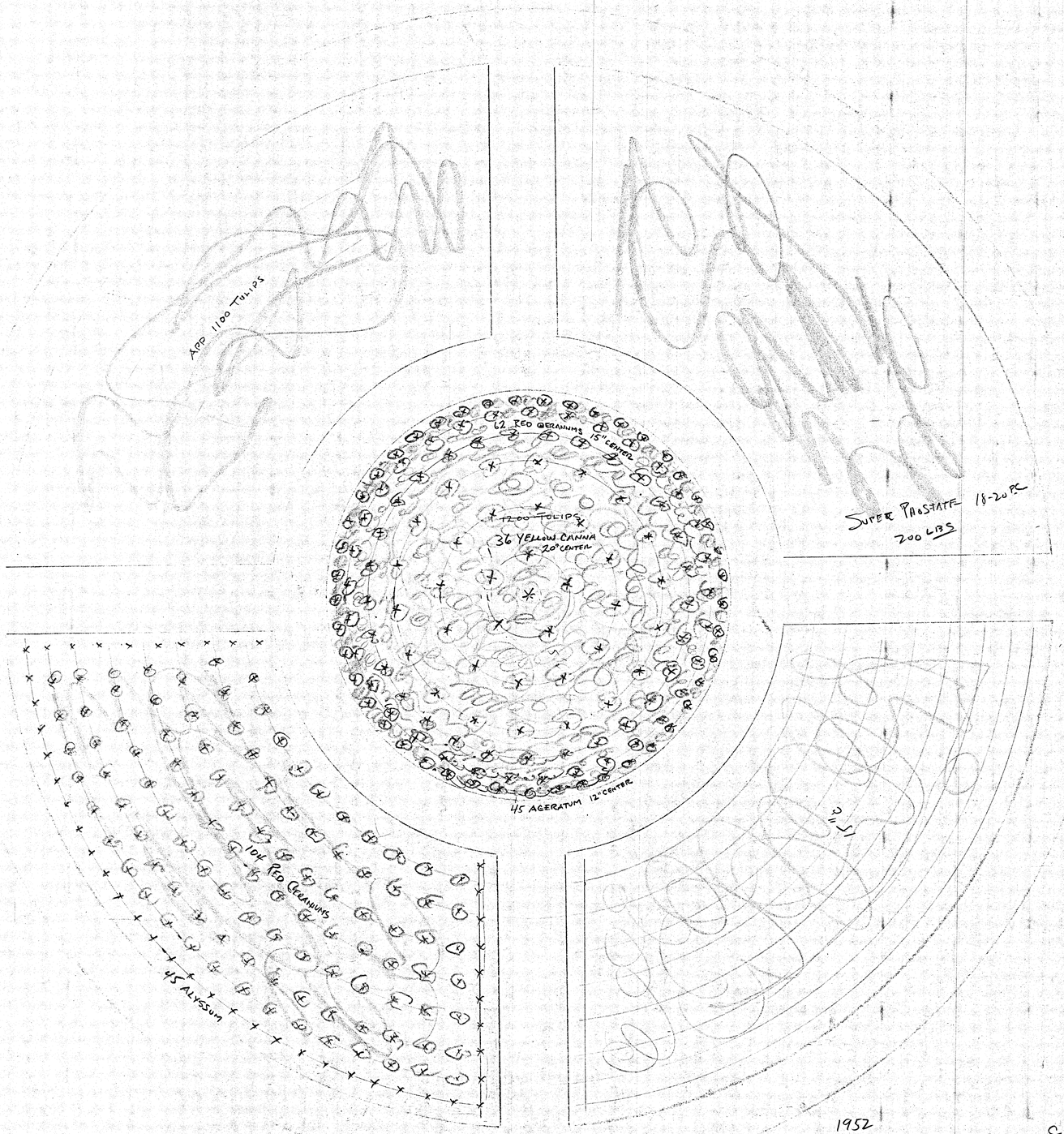


SOUTH ELEVATION
SCALE 1"=4'



WEST ELEVATION
SCALE 1"=4'

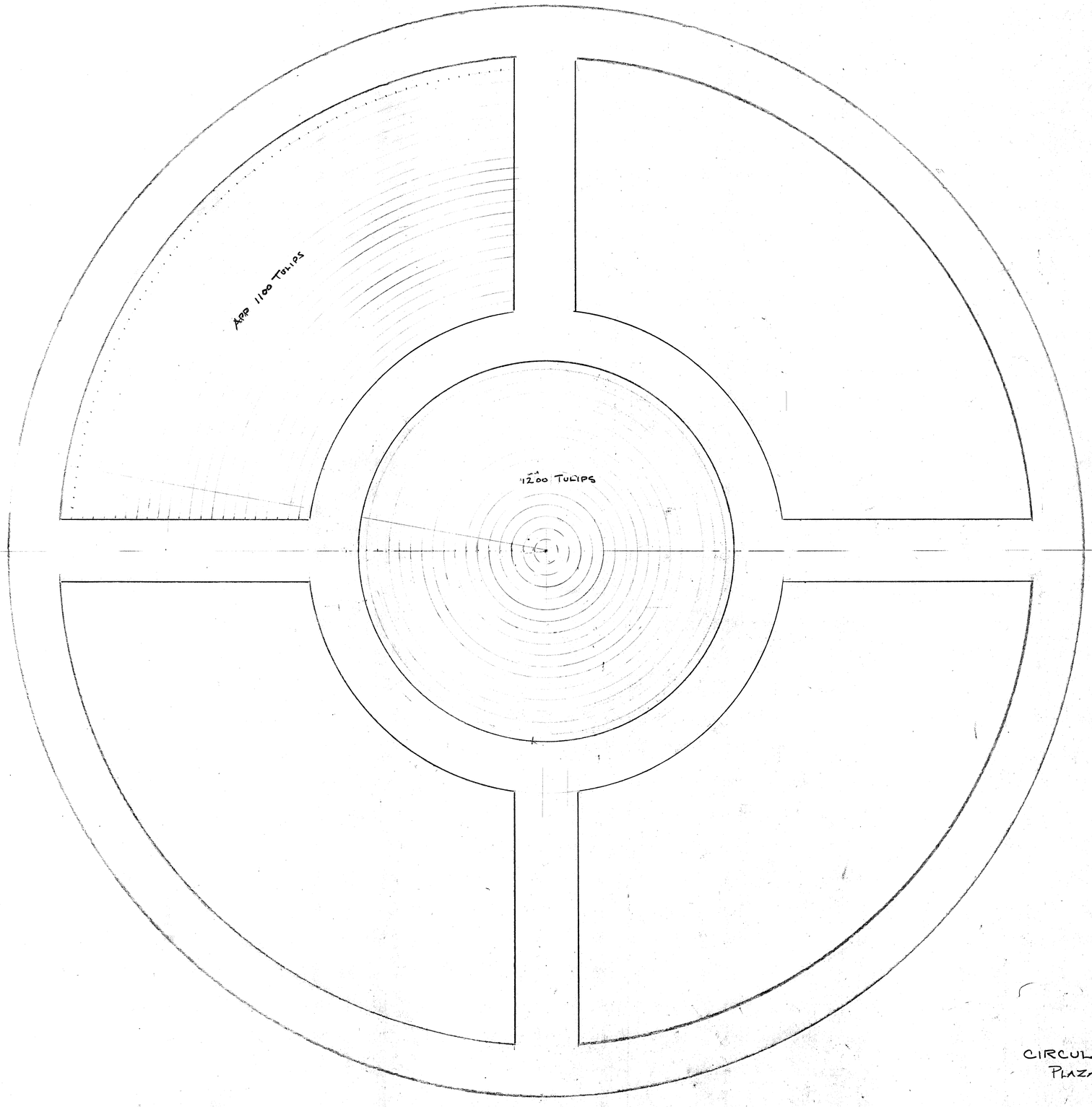
7-6-9



1952

40 DOZ - RED GERANIUMS
3 DOZ - YELLOW CANNA
45 - AGERATUM
15 DOZ. ALYSSUM

CIRCULAR FLOWER BED
PLAZA, LINCOLN PARK
SCALE 1" = 2 FT.
E HOCKNELL



CIRCULAR FLOWER BED
PLAZA. LINCOLN PARK
SCALE 1" = 2 FT.
1952 E. HUCKNELL

LINE OF RAFTERS OVER

3'-8" 22'-8" 3'-8"

4'-1½" EXISTING 5'-6" 2'-0" NEW 5'-0" 4'-1½" EXISTING

LINE OF RAFTERS OVER

"A"

3'-8"

4'-1½" EXISTING

5'-0"

2'-6"

2'-0" NEW

26'-3"

8'-0"

EXISTING DATUM

2'-5"

1'-0"

NOTE: REMOVE 26"x26"x4" R. STONE PLINTH BLOCKS & REUSE FOR NEW 24"x24" C.B. PIERS AS SHOWN.

DO. RAILING

DO. PLINTH

PAINT EXISTING BRICK FLOOR WITH 2 COATS CONLUX "SIZE TILE RED FLOOR GUARD.

2'-0" NEW

GIRDER

EXISTING DATUM

8"x12"x12" SCREENLITE "ORBIT" BLOCK. RAILING. 4"x10" PRECAST CONC. BASE AND TOP RAIL. ANCHOR BOTH INTO MASONRY. GALV. DUP. O. WAL EACH COURSE OF BLOCK.

4'-1½" DO.

EXIST. DATUM 0'-0"

PLINTH BL. EXIST.

"B"

2'-0" NEW

2'-5"

2'-0"

2'-0" NEW DO.

EXIST. GRANITE STEPS

LINE OF RAFTERS OVER

"A"

"B"

SIMILAR ABOUT ℄ BUT TO OPP. HAND.

SOUTH PLAN

SCALE 1/4"=1'-0"

4"x10" TOP RAIL. 8" BLOCKS "ORBIT"

2'-6"

2'-2"

DATUM 0'-0"

EXIST. PLINTH BLOCK

CAULK

4"

1'-8" EXISTING

FILL IN BRICKWORK & PROVIDE CORR. ZINC # 24 GA. "ERADO" TIES TO NEW CONC. BLOCK.

2'-5½"

4'-1½"

TYPICAL PLAN CORNER PIER DETAIL

3/4"=1'-0"

2'-5½"

DATUM 0'-0"

1'-8"

DO.

CAULK

4'-1½"

NOTES:

ALL CONCRETE BLOCK TO BE SMOOTH FACED "WAYLITE" OR EQUAL, SUITABLE TO RECEIVE MASONRY PAINT.

PAINT ALL EXISTING AND NEW STONE AND CONCRETE BLOCK TWO COATS OF CONLUX "CEMENT-PLEX EXTERIOR." NO. 575 CONCRETE.

3'-8" 13'-1½" 13'-1½" 3'-8"

1"x4" CONT. 1"x4" TIE

Do. Do.

3"x12"-24" O.C. 3"x12"-24" O.C.

2-2"x12" 2-2"x12" CONT. 2-2"x12" CONT.

2-10" I^S 15.3

GALVANIZED DUP.-O-WAL ALT. COURSES.

11 COURSES EXISTING STONE

4"x10" PRECAST CONC. TOP RAIL.

OPEN

ANCHOR TO PIERS

3'-0"

4"

EXISTING STONE

12'-0½"

DATUM EL. 0'-0"

8"x12"x8" SCREENLITE "ORBIT DESIGN" BLOCK. RAILING. GALV. DUP.-O-WAL" EACH COURSE. 4"x10" PRECAST CONC. BASE ANCHOR INTO EXIST. MASONRY

SECTION "A-A"

4½"

3'-0"

14"

DATUM 0'-0"

ELEVATION

NOTE: SCREEN LITE "ORBIT" BLOCK TO BE AS MFD. BY CASTEX CORP. IRVINGTON N.J.

5'-8"

1"x4" CONT.

3"x12"

2-2"x12"

GALVANIZED STRAP ANCHOR INTO MASONRY. TOP 2 COURSES FILLED SOLID.

12'-0½"

GALVANIZED DUP.-O-WAL ALTER. COURSES.

DATUM EL. 0'-0"

FIN. BRICK FL.

SECTION "B-B"

GIRDER

12"

2"x6" RAMSET TO I^S 24" O.C.

3"x12"

TRIP-L GRIPS (GALV.)

2-2"x12"

CEMENT WASH

CONT. 2-10" I^S 15.3

8"x8"x⅝" B.P.

2'-5" ø A.B. 18 LG. W/3" HOOK. FILL SOLID TOP 2 COURSES OF C.B.

20"

2'-0"

DETAIL 1

3/4"=1'-0"

3'-0" 8"

3"x12" OUTRIGGERS 2'-0" O.C.

1"x4"

TRIP-L GRIPS

3"x12" CATS BET. OUTRIGGERS. ALL PURPOSE ANCHOR

SINGLE 2"x12" AT GIRDER ONLY.

2-10" J^S

CEMENT WASH

8"x8"x⅝" B.P.

30"

2'-0"

DETAIL 2

3/4"=1'-0"

NOTE: ALL STANDARD "TECO" TRIP-L-GRIPS & ALL PURPOSE ANCHORS TO BE GALVANIZED.

HUDSON COUNTY PARK COMMISSION

LINCOLN PARK

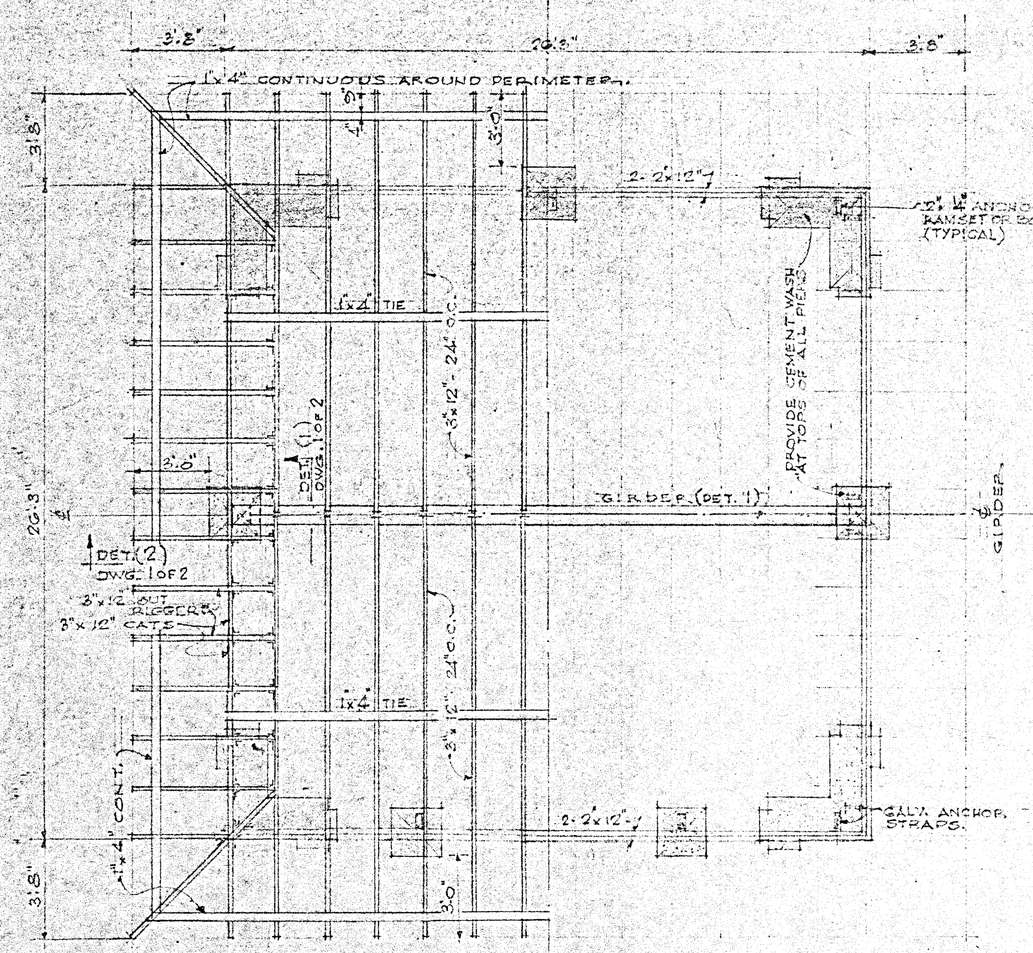
JERSEY CITY, N.J.

FLOOR PLAN, SECTIONS & DETAILS ALTERATIONS & ADDITIONS TO TWO PERGOLAS AT LINCOLN PARK JERSEY CITY N.J.

SCALE	PREPARED BY:	DRAWING NO.
AS SHOWN	HUGH C. GLASSE	1 OF 2
DATE 7-7-75	ARCHITECT - ENGINEER	

7-7-16

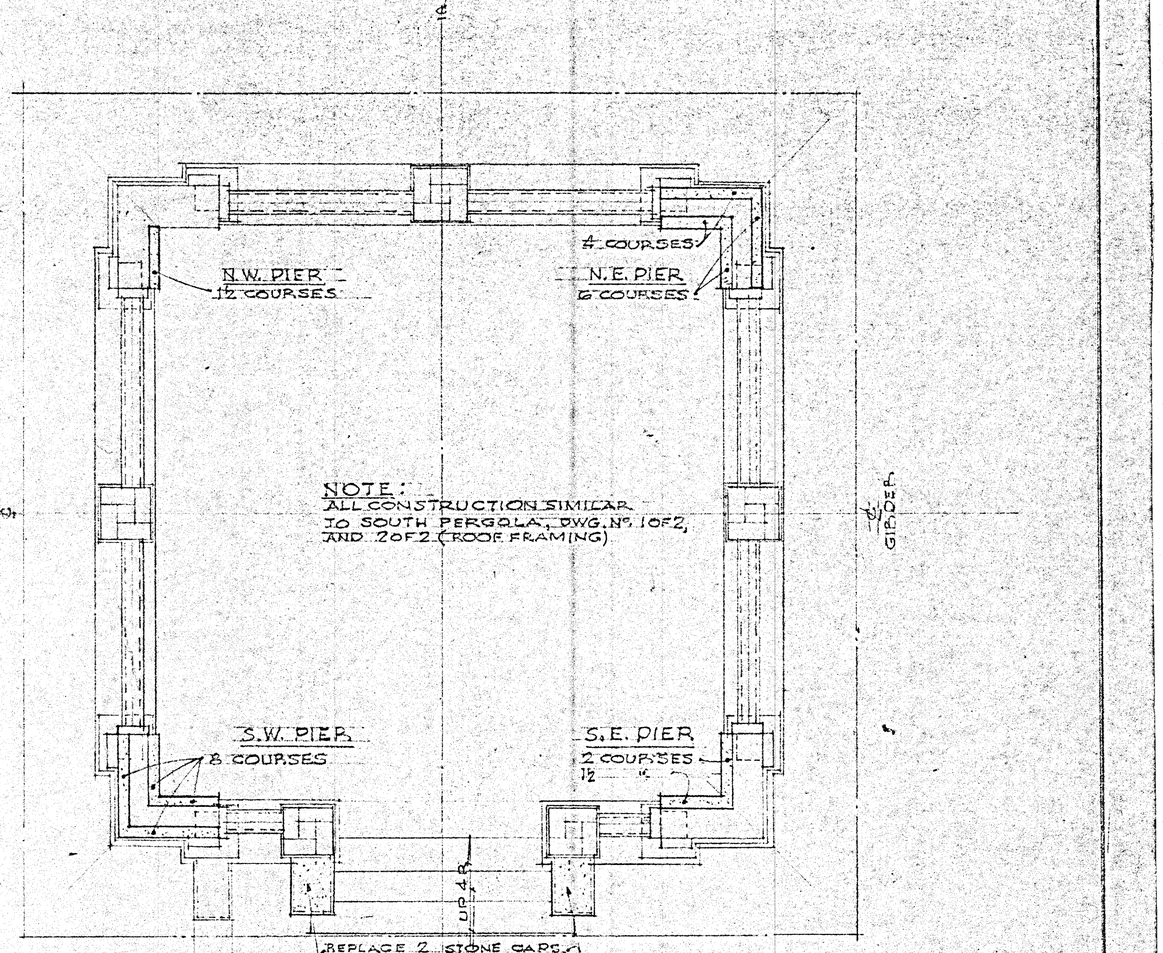
STANRAY PRODUCTS INC. PORT WASHINGTON, N.Y.



SOUTH ROOF FRAMING PLAN SCALE 1/4" = 1'-0"

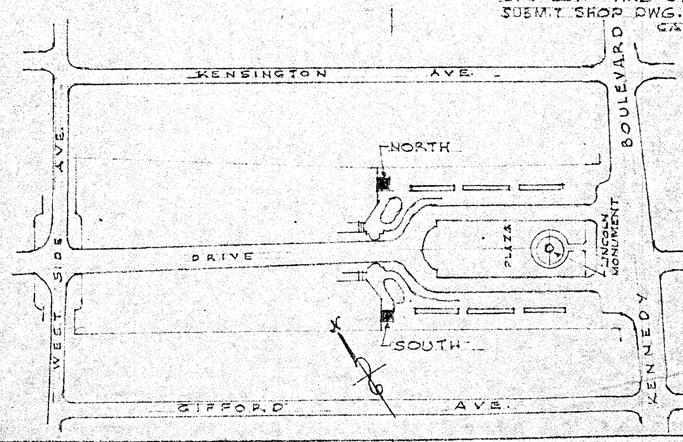
SIMILAR ABOUT ℄ BUT TO OPP. HAND

NOTE:
ALL TIMBER, RAFTERS, TIES, CATS, ETC. TO BE SELECT STRUCTURAL FIR, 1200 f OR AN APPROVED EQUAL.
USE "TECO" STANDARD GRIPS AND FRAMING ANCHORS THROUOUT, GALVANIZED.
ALL WOOD TO BE STAINED TWO COATS OF CABOT'S EXTERIOR O.V.T. SOLID COLOR, STAIN, COLOR TO BE SELECTED.



PLAN NORTH PERGOLA

SHOWING CAST STONE NEEDED TO BRING PIERS TO 11 COURSES HIGH, SIMILAR TO EXISTING IN SOUTH PERGOLA. SIZE OF STONE IS 13 1/4" H. 21 1/4" LONG AND 2 1/2" TO 4" THICK.
SUBMIT SHOP DWG. SHOWING FASTENING OF CAST STONE TO EXISTING MASONRY.



PLOT PLAN SCALE 1" = 200'

NOTE: CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS AT SITE BEFORE PROCEEDING WITH THE WORK.

HUDSON COUNTY PARK COMMISSION
LINCOLN PARK
JERSEY CITY, N.J.

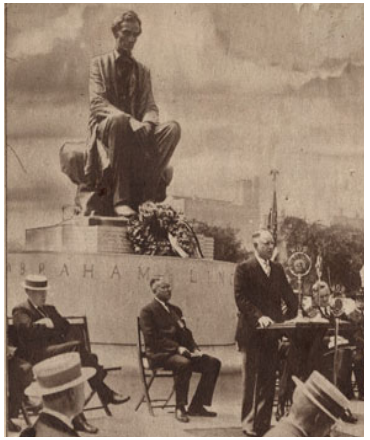
ROOF FRAMING PLAN
ALTERATIONS & ADDITIONS TO TWO PERGOLAS AT LINCOLN PARK JERSEY CITY - N.J.

SCALE 1/4" = 1'-0"	PREPARED BY: HUGH C. CLARKE ARCHITECT - ENGINEER	DRAWING NO. 2 OF 2
DATE 7-7-75		

7-L-16

APPENDIX 4: MAINTENANCE PLAN

LINCOLN PARK IN JERSEY CITY:
MASTER PLAN FOR THE BELMONT AVENUE ENTRANCE



Base, wall and steps at one of the Summer Houses

Maintenance Plan

Deferred maintenance is the most common cause of deterioration at historic sites and structures. To avoid unchecked deterioration, ongoing preventative maintenance must be completed on a regular basis. This maintenance is the most vital and cost-effective tool for the preservation of historic features and structures. To assist with this crucial component for the protection of a site, we recommend establishing a cyclical maintenance program. This program should include weekly, monthly, semi-annual and annual tasks. This maintenance program should guide the present and future care of the various resources at Lincoln Park.

In general, exterior elements of structures/ buildings should be examined at least once a year. Exterior maintenance should eliminate water penetration by maintaining materials and finishes and ensuring that water is directed away from the building. Also critical to the exterior maintenance is routine inspection and cleaning of roof gutters and downspouts. One of the most common causes of water damage is clogged or damaged gutters and leaders that lead to leaks or overflow. Gutters are to be inspected and cleaned at least four times annually – twice in the fall when they are most likely to become clogged with falling leaves and twice in the spring during the heaviest rains. On a fairly regular basis — approximately once every five years, or upon noticing damage — a professional should be called in to inspect the condition of the roof and roof drainage system.

Site maintenance should be undertaken twice annually, once in the spring and once in the fall, in addition to regular lawn mowing, leaf and snow removal, as one might maintain their own yard at home. This type of work can often be undertaken by volunteers during a well-planned work day, which is also a great way to bring community members together and develop interest in the resource.

Because of the importance of maintenance in historic structures such as the Sun Houses, a yearly maintenance budget should be established. Half of the fund is generally allocated for immediate maintenance and repairs, while the remainder is saved for the replacement of major items such as roofs, etc. All maintenance inspections and repair work should be documented and kept in a maintenance log. This log should be a complete record of housekeeping and maintenance activities, details of any work performed, materials used, dates executed, cost incurred, and names of personnel and contractors involved. It should also contain the dates of inspections and detailed accounts of the findings including problem areas, plans for repair and, after repairs are complete, a description of techniques used for the repair. The notebook should be periodically reviewed for repeated repairs which may indicate a deeper problem. Digital photography should be used to document existing conditions of key locations and features around the building, as well as documenting maintenance and repair work.

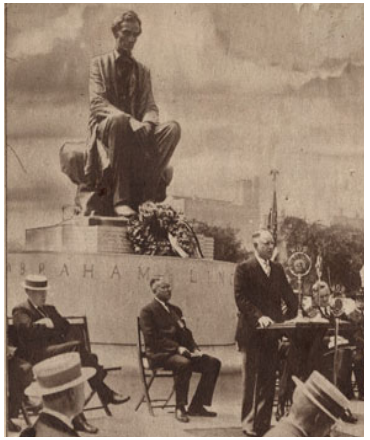
The following Maintenance Schedule includes the tasks that should be included in the maintenance program. These tasks have been outlined by the frequency with which they should be conducted. Additional tasks should be added as necessary so that a thorough program is developed and maintained.

Stone pier and a variety of fencing

Low wall, piers and allee of trees along Belmont Avenue

APPENDIX 5: HAZARD & VULNERABILITY ASSESSMENT

LINCOLN PARK IN JERSEY CITY:
MASTER PLAN FOR THE BELMONT AVENUE ENTRANCE



Clarke Caton Hintz

HAZARD AND VULNERABILITY ASSESSMENT

Overview:

Over the past several years, the issue of institutional and site "resiliency" has become increasingly important. Defined as the ability of an institution or community to, first, directly address the immediate impact of a disaster, hazard, shock, or stress, and then its ability to successfully recover from the results of these occurrences. This resiliency is important for an institution, but also relates more relevantly for the purposes of this report to its structures and facilities, both historic and more recent.

With the real and measurable increase in the frequency and severity of weather and climate-related disasters, as well as the real and perceived increase in other kinds of disasters (e.g., mass shootings), this type of assessment is increasingly important, particularly for high-profile sites like Lincoln Park in Jersey City. It is recommended that the County make a comprehensive assessment of its readiness to address hazards; a list of issues to consider is included at the end of this section.

The portion of Lincoln Park that is the subject of this report (the Belmont Avenue Entrance from JFK Boulevard to West Side Avenue), is, relatively speaking, in a low-risk flood area (outside the 500-year flood zones) and, like most of the region, it is not in a high-risk seismic area.

The most typical hazards impacting built and historic resources derive from weather-related events and the increasing impact of climate change. As storms become more extreme and more common, stewards need to address the vulnerabilities of their existing and historic sites and buildings. The site features and structures at Lincoln Park were constructed with high quality materials and sturdy structure systems. They were intended to be long-lasting, and their current solid condition is a testament to the quality of the design and construction, and the County's on-going commitment to preserving and maintaining its sites and resources. That being said, deferred maintenance can take its toll on sites, infrastructure and buildings, and can increase vulnerabilities. Repairing and replacing leaking roofs, making sure that water from roofs is directed away from the buildings and from any low spots on the grounds, the maintenance of paving and road surfaces, the maintenance of plantings and, in particular trees, to prevent falling limbs, etc., are all issues that need to be addressed promptly and in a comprehensive manner.

Security is a second major issue. Like most parks, Lincoln Park is more or less open to the public at all hours. Discreetly placed security cameras were recently installed to add another dimension of security. The accessibility of the grounds and the discreet security measures are part of the attraction and charm of historic sites. Any security improvements should be made with at least two goals in mind: Most important is visitor and staff safety, second is making sure that the interventions don't damage or negatively impact the historic resources.

Resilience also includes the County's and the Park's longer-term ability to recover from a disaster. Resources and suppliers should be identified in case of damage.

The list of issues on the following page is a sample Hazard Vulnerability Analysis tool, adapted from a document published by the Hospital Association of Southern California. It provides a list of issues to review and address for public facilities:

Hazard and Vulnerability Analysis

Issues to consider for probability include:

1. Known risk
2. Historical data
3. Manufacturer/ vendor statistics
4. Subjective evaluation/ best estimate
5. Local Emergency Planning Committee input

Issues to consider for response include:

1. Time to marshal on-scene response
2. Scope of response capability and staff training
3. On-site support resources/ supplies
4. Estimated severity and duration of the incident
5. Historical evaluation of response success
6. Local Emergency Planning Committee input

Issue to consider for human impact include

1. Potential for staff death or injury
2. Potential for client death or injury
3. Emotional/ psychological impact
4. Local cultural norms

Issues to consider for property impact include:

1. Cost to replace
2. Cost to set up temporary replacement
3. Cost to repair
4. Time to recover

Issues to consider for service impact include

1. Service interruption
2. Employees unable to report to work
3. Clients unable to reach the facility
4. Site in violation of regulatory or safety standards
5. Imposition of penalties or legal costs
6. Reputation and public image
7. Financial impact/ burden

Issues to consider for preparedness include

1. Status of current plans
2. Frequency of drills
3. Training status
4. Insurance
5. Availability of alternative sources for critical supplies and services

Issues to consider for internal resources include

1. Will supplies on hand meet critical needs?
2. Coordination with local and state agencies
3. Community training
4. Other community resources

FEMA Map showing that Belmont Avenue Entrance portion of Lincoln Park is not in a flood hazard area

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

- 1% annual chance floodplain boundary
- 0.2% annual chance floodplain boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
- 513 — Base Flood Elevation line and value; elevation in feet*
- (EL 987) — Base Flood Elevation value where uniform within zone; elevation in feet*

* Referenced to the North American Vertical Datum of 1988

- Cross section line
- Transect line
- 87°07'45", 32°22'30" — Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere
- 2°76'000"N — 1000-meter Universal Transverse Mercator grid values, zone 18
- 600000 FT — 5000-foot grid ticks: New Jersey State Plane coordinate system, FIPSZONE 2900, Transverse Mercator projection
- DX5510 — Bench mark (see explanation in Notes to Users section of this FIRM panel)
- M1.5 — River Mile

MAP REPOSITORY
Refer to listing of Map Repositories on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
AUGUST 16, 2006

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your Insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 500'

250 0 500 1000 FEET

150 0 150 300 METERS

NFIP

PANEL 0102D

FIRM

FLOOD INSURANCE RATE MAP

HUDSON COUNTY, NEW JERSEY
(ALL JURISDICTIONS)

PANEL 102 OF 118

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
JERSEY CITY, CITY OF	340223	0102	D
KEARNY, TOWN OF	340224	0102	D

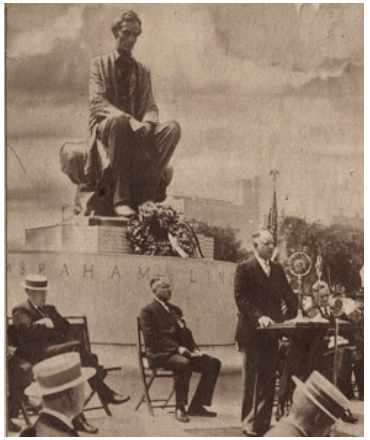
Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
34017C0102D

EFFECTIVE DATE
AUGUST 16, 2006

APPENDIX 6: ENVIRONMENTAL PRELIMINARY ASSESSMENT

LINCOLN PARK IN JERSEY CITY:
MASTER PLAN FOR THE BELMONT AVENUE ENTRANCE



Clarke Caton Hintz