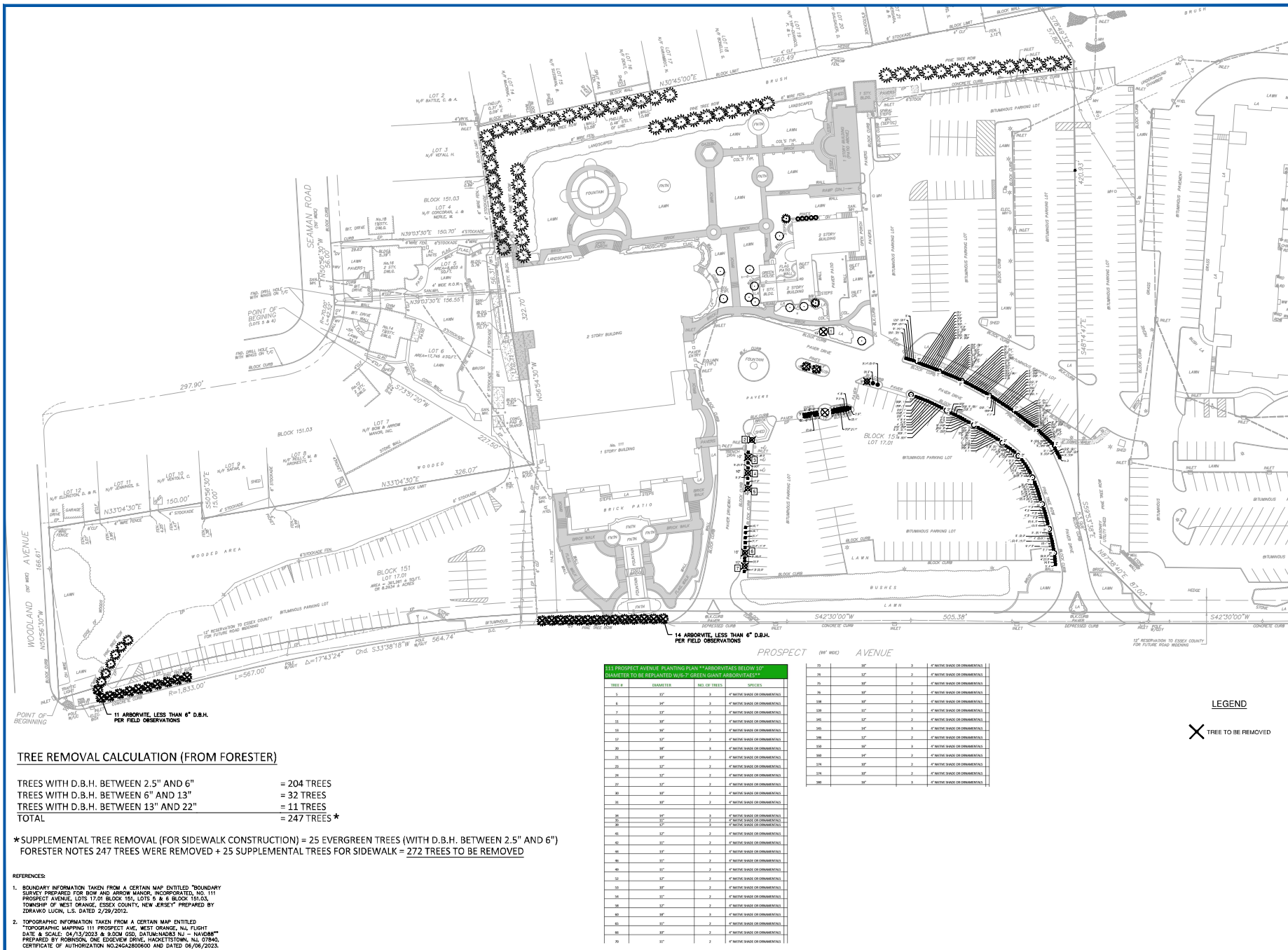




TREE REMOVAL CALCULATION (FROM FORESTER)

TREES WITH D.B.H. BETWEEN 2.5" AND 6" = 204 TREES
TREES WITH D.B.H. BETWEEN 6" AND 13" = 32 TREES
TREES WITH D.B.H. BETWEEN 13" AND 22" = 11 TREES
TOTAL = 247 TREES*

*SUPPLEMENTAL TREE REMOVAL (FOR SIDEWALK CONSTRUCTION) = 25 EVERGREEN TREES (WITH D.B.H. BETWEEN 2.5" AND 6")
FORESTER NOTES 247 TREES WERE REMOVED + 25 SUPPLEMENTAL TREES FOR SIDEWALK = 272 TREES TO BE REMOVED

REFERENCES:

- BOUNDARY INFORMATION TAKEN FROM A CERTAIN MAP ENTITLED "BOUNDARY SURVEY PREPARED FOR ROW AND ARROW MANOR, INCORPORATED, NO. 111 PROSPECT AVENUE, LOTS 17.01 BLOCK 151, LOTS 5 & 6 BLOCK 151.03, TOWNSHIP OF WEST ORANGE, ESSEX COUNTY, NEW JERSEY" PREPARED BY ZDRAVKO LUCIN, L.S. DATED 2/29/2012.
- TOPOGRAPHIC INFORMATION TAKEN FROM A CERTAIN MAP ENTITLED "TOPOGRAPHIC MAP OF 111 PROSPECT AVE, WEST ORANGE, NJ, FLIGHT DATE & SCALE: 04/13/2003 & 1:2500 GSD, DATUM: NAD83 NJ - NAVD83" PREPARED BY ROBINSON, ONE EDGEVIEW DRIVE, HACKENSACK, NJ, 07604, CERTIFICATE OF AUTHORIZATION NO.242428000000 AND DATED 06/06/2003.

111 PROSPECT AVENUE PLANTING PLAN **ARBORVITAE* BELOW 13" DIAMETER TO BE REPLANTED W/6-7' GREEN GIANT ARBORVITAE**			
TREE #	COORDINATES	NO. OF TREES	SPECIES
1	157'	2	4" WHITE SHAKE OR CONCRETE
2	157'	2	4" WHITE SHAKE OR CONCRETE
3	157'	2	4" WHITE SHAKE OR CONCRETE
4	157'	2	4" WHITE SHAKE OR CONCRETE
5	157'	2	4" WHITE SHAKE OR CONCRETE
6	157'	2	4" WHITE SHAKE OR CONCRETE
7	157'	2	4" WHITE SHAKE OR CONCRETE
8	157'	2	4" WHITE SHAKE OR CONCRETE
9	157'	2	4" WHITE SHAKE OR CONCRETE
10	157'	2	4" WHITE SHAKE OR CONCRETE
11	157'	2	4" WHITE SHAKE OR CONCRETE
12	157'	2	4" WHITE SHAKE OR CONCRETE
13	157'	2	4" WHITE SHAKE OR CONCRETE
14	157'	2	4" WHITE SHAKE OR CONCRETE
15	157'	2	4" WHITE SHAKE OR CONCRETE
16	157'	2	4" WHITE SHAKE OR CONCRETE
17	157'	2	4" WHITE SHAKE OR CONCRETE
18	157'	2	4" WHITE SHAKE OR CONCRETE
19	157'	2	4" WHITE SHAKE OR CONCRETE
20	157'	2	4" WHITE SHAKE OR CONCRETE
21	157'	2	4" WHITE SHAKE OR CONCRETE
22	157'	2	4" WHITE SHAKE OR CONCRETE
23	157'	2	4" WHITE SHAKE OR CONCRETE
24	157'	2	4" WHITE SHAKE OR CONCRETE
25	157'	2	4" WHITE SHAKE OR CONCRETE
26	157'	2	4" WHITE SHAKE OR CONCRETE
27	157'	2	4" WHITE SHAKE OR CONCRETE
28	157'	2	4" WHITE SHAKE OR CONCRETE
29	157'	2	4" WHITE SHAKE OR CONCRETE
30	157'	2	4" WHITE SHAKE OR CONCRETE
31	157'	2	4" WHITE SHAKE OR CONCRETE
32	157'	2	4" WHITE SHAKE OR CONCRETE
33	157'	2	4" WHITE SHAKE OR CONCRETE
34	157'	2	4" WHITE SHAKE OR CONCRETE
35	157'	2	4" WHITE SHAKE OR CONCRETE
36	157'	2	4" WHITE SHAKE OR CONCRETE
37	157'	2	4" WHITE SHAKE OR CONCRETE
38	157'	2	4" WHITE SHAKE OR CONCRETE
39	157'	2	4" WHITE SHAKE OR CONCRETE
40	157'	2	4" WHITE SHAKE OR CONCRETE
41	157'	2	4" WHITE SHAKE OR CONCRETE
42	157'	2	4" WHITE SHAKE OR CONCRETE
43	157'	2	4" WHITE SHAKE OR CONCRETE
44	157'	2	4" WHITE SHAKE OR CONCRETE
45	157'	2	4" WHITE SHAKE OR CONCRETE
46	157'	2	4" WHITE SHAKE OR CONCRETE
47	157'	2	4" WHITE SHAKE OR CONCRETE
48	157'	2	4" WHITE SHAKE OR CONCRETE
49	157'	2	4" WHITE SHAKE OR CONCRETE
50	157'	2	4" WHITE SHAKE OR CONCRETE

TREE #	COORDINATES	NO. OF TREES	SPECIES
51	157'	2	4" WHITE SHAKE OR CONCRETE
52	157'	2	4" WHITE SHAKE OR CONCRETE
53	157'	2	4" WHITE SHAKE OR CONCRETE
54	157'	2	4" WHITE SHAKE OR CONCRETE
55	157'	2	4" WHITE SHAKE OR CONCRETE
56	157'	2	4" WHITE SHAKE OR CONCRETE
57	157'	2	4" WHITE SHAKE OR CONCRETE
58	157'	2	4" WHITE SHAKE OR CONCRETE
59	157'	2	4" WHITE SHAKE OR CONCRETE
60	157'	2	4" WHITE SHAKE OR CONCRETE
61	157'	2	4" WHITE SHAKE OR CONCRETE
62	157'	2	4" WHITE SHAKE OR CONCRETE
63	157'	2	4" WHITE SHAKE OR CONCRETE
64	157'	2	4" WHITE SHAKE OR CONCRETE
65	157'	2	4" WHITE SHAKE OR CONCRETE
66	157'	2	4" WHITE SHAKE OR CONCRETE
67	157'	2	4" WHITE SHAKE OR CONCRETE
68	157'	2	4" WHITE SHAKE OR CONCRETE
69	157'	2	4" WHITE SHAKE OR CONCRETE
70	157'	2	4" WHITE SHAKE OR CONCRETE

LEGEND
X TREE TO BE REMOVED

111 PROSPECT AVENUE
TOWNSHIP OF WEST ORANGE
ESSEX COUNTY, NEW JERSEY

REV	DESCRIPTION	DATE
2	REVIEWED PER FORESTER COMMENTS	06-16-24
3	FINAL RESOLUTION COMPLIANCE	09-20-24
REV	DESCRIPTION	DATE

1 INCH = 40 FT.

CHECKED BY: JMP
DRAFTED BY: DJK

J. MICHAEL PETRY-PE, P.P.R.A.
NJ PROFESSIONAL ENGINEER, LIC. NO. 36952
DATE: 8-2-2024

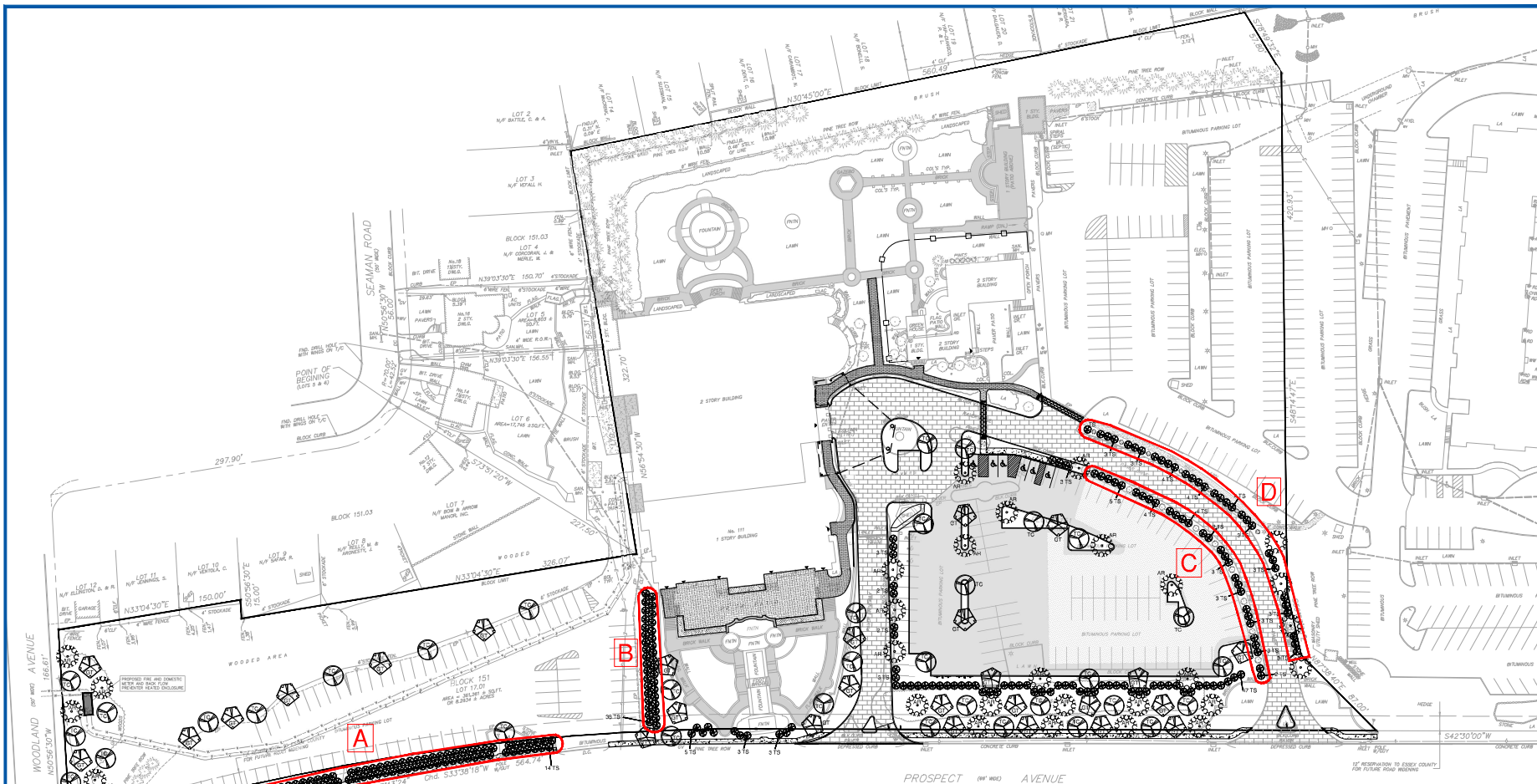
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PREPARED FOR
THE ESTATE
111 PROSPECT AVENUE
TOWNSHIP OF WEST ORANGE
ESSEX COUNTY, NEW JERSEY

TITLE
TREE REMOVAL PLAN

PROJECT #
24-170

SHEET
TR-1



TREE REPLACEMENT CALCULATION

REQUIREMENTS:

REMOVAL OF TREES WITH D.B.H. 2.5" TO 6" = REPLACE WITH ONE (1) 2.5" NATIVE NON-PESTICIDE/HERBICIDE TREATED TREE WITH A MINIMUM OF 6-FEET TALL
 REMOVAL OF TREES WITH D.B.H. 6" AND 13" = REPLACE WITH EITHER TWO (2) 4" NATIVE NON-PESTICIDE/HERBICIDE TREATED TREES; OR FOUR (4) 2.5" NATIVE NON-PESTICIDE/HERBICIDE TREATED TREES. EACH TREE SHALL BE A MINIMUM OF 6-FEET TALL.
 REMOVAL OF TREES WITH D.B.H. 13" AND 22" = REPLACE WITH EITHER THREE (3) 4" NATIVE NON-PESTICIDE/HERBICIDE TREATED TREES; OR SIX (6) 2.5" NATIVE NON-PESTICIDE/HERBICIDE TREATED TREES. EACH TREE SHALL BE A MINIMUM OF 6-FEET TALL

NUMBER OF REPLACEMENT TREES REQUIRED:

TREES REMOVED WITH D.B.H. 2.5" TO 6" = 229 TREES; **THEREFORE, (229) 2.5" REPLACEMENT TREES ARE REQUIRED.**
 TREES REMOVED WITH D.B.H. 6" AND 13" = 32 TREES; **THEREFORE, (128) 2.5" REPLACEMENT TREES ARE REQUIRED OR (64) 4" REPLACEMENT TREES.**
 TREES REMOVED WITH D.B.H. 13" AND 22" = 11 TREES; **THEREFORE, (66) 2.5" REPLACEMENT TREES ARE REQUIRED OR (33) 4" REPLACEMENT TREES.**

PROPOSED REPLACEMENT TREES:

REMOVED TREES WITH D.B.H. 2.5" TO 6": 229 TREES REMOVED, **THEREFORE (251) THUJA GREEN GIANTS ARE PROPOSED**
 REMOVED TREES WITH D.B.H. 6" TO 13": 32 TREES REMOVED, **THEREFORE (64) 4" REPLACEMENT TREES ARE PROPOSED (RED MAPLES, LITTLE-LEAF LINDENS, AND THORNLESS HONEY-LOCUST)**
 REMOVED TREES WITH D.B.H. 13" TO 22": 11 TREES REMOVED, **THEREFORE (33) 4" REPLACEMENT TREES ARE PROPOSED (RED MAPLES, LITTLE-LEAF LINDENS, AND THORNLESS HONEY-LOCUST)**

THEREFORE, A TOTAL OF 251 THUJA GREEN GIANTS, 30 RED MAPLES, 37 LITTLE-LEAF LINDENS, AND 30 THORNLESS HONEY-LOCUSTS ARE PROPOSED TO REPLACE THE TREES THAT HAVE BEEN REMOVED.

NOTE: AREAS SHOWN A, B, C, AND D HAVE ALREADY BEEN REPLANTED.

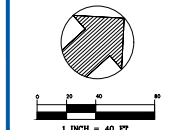
PROPOSED PLANTING SCHEDULE					
SYM	BOTANICAL NAME	COMMON NAME	SIZE/TYPE	SPACING	SIZE AT MATURITY
TS	THUJA STANDISHII X PULICATA "GREEN GIANT"	THUJA GREEN GIANT	6"-8" HEIGHT	6' C.C.	40' - 60'
AR	ACER RUBRUM	RED MAPLE	4" D.B.H./B&B	20' C.C.	40' - 60'
YL	LILIA CORDATA	LITTLE-LEAF LINDEN	4" D.B.H./B&B	20' C.C.	40' - 60'
GT	GLEDITSIA THRICANTHOS "ENIGMA"	THORNLESS HONEY-LOCUST	4" D.B.H./B&B	20' C.C.	40' - 60'

REFERENCES:

- BOUNDARY INFORMATION TAKEN FROM A CERTAIN MAP ENTITLED "BOUNDARY SURVEY PREPARED FOR BOB AND JESSIE MANGO, INCORPORATED, NO. 111 PROSPECT AVENUE, LOTS 17.01 BLOCK 151, LOTS 9 & 6 BLOCK 151.03, TOWNSHIP OF WEST ORANGE, ESSEX COUNTY, NEW JERSEY" PREPARED BY ZDRAVKO LUCIN, L.S. DATED 2/29/2012.
- TOPOGRAPHIC INFORMATION TAKEN FROM A CERTAIN MAP ENTITLED "TOPOGRAPHIC MAPPING 111 PROSPECT AVE. WEST ORANGE, NJ, FLIGHT DATE & SCALE: 04/13/2013 @ 8.00M GSD, DATUM: NAD83 NJ - NAVD83" PREPARED BY ROBINSON, ONE EDGEVIEW DRIVE, HADDONSTOWN, NJ 07840, CERTIFICATE OF AUTHORIZATION NO.240A28006000 AND DATED 06/06/2023.



REV	DESCRIPTION	DATE
1	REVIEW PER FORESTER COMMENTS	08-19-23
2	FINAL RESOLUTION COMPLIANCE	08-30-23
3	BITE PLAN SUBMITTAL	10-30-23
4	PER REVIEW ENGINEER COMMENTS	09-12-24



CHECKED BY: JMP

DRAFTED BY: DAK



J. MICHAEL PETRY-PE, P.P.R.A.
 NJ PROFESSIONAL ENGINEER, LIC. NO. 36952
 DATE: 8-2-2023

CAD: 111 PROSPECT AVENUE, WEST ORANGE, NJ 07840

PREPARED FOR:
 THE ESTATE
 111 PROSPECT AVENUE
 TOWNSHIP OF WEST ORANGE
 ESSEX COUNTY, NEW JERSEY

TITLE:
 TREE REPLACEMENT
 PLAN

PROJECT #:
 24-170

SHEET:
 TR-2



TREE REMOVAL CALCULATION

TREES WITH D.B.H. BETWEEN 6" AND 13" = 5 TREES

- REFERENCES:
- BOUNDARY INFORMATION TAKEN FROM A CERTAIN MAP ENTITLED "BOUNDARY SURVEY PREPARED FOR ROW AND ARROW MANOR, INCORPORATED, NO. 111 PROSPECT AVENUE, LOTS 17.01 BLOCK 151, LOTS 9 & 6 BLOCK 151.03, TOWNSHIP OF WEST ORANGE, ESSEX COUNTY, NEW JERSEY" PREPARED BY ZDRAVKO LUON, L.S. DATED 2/29/2012.
 - TOPOGRAPHIC INFORMATION TAKEN FROM A CERTAIN MAP ENTITLED "TOPOGRAPHIC MAPPING 111 PROSPECT AVE, WEST ORANGE, NJ, FLIGHT DATE & SCALE: 04/13/2012 & 8.50M DSD, DATUM: NAD83 - NAVD83" PREPARED BY ROBINSON, ONE EDGEVIEW DRIVE, HACKETTSTOWN, NJ 07840, CERTIFICATE OF AUTHORIZATION NO.2462000600 AND DATED 05/09/2013.

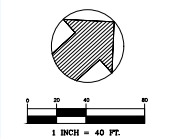
LEGEND

X TREE TO BE REMOVED



NO.	REVISION	DATE
1	AMENDED SITE PLAN	10/12/15
2		
3		
4		
5		
6		
7		
8		
9		
10		

NO.	REVISION	DATE
1	AMENDED SITE PLAN	10/12/15
2		
3		
4		
5		
6		
7		
8		
9		
10		



CHECKED BY: J.M.P.
DRAFTED BY: J.M.P.



J. MICHAEL PETRY-PE, PP, RA
NJ PROFESSIONAL ENGINEER, LIC. NO. 36992
DATE: 10/19/2015
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PREPARED FOR
THE ESTATE
111 PROSPECT AVENUE
LOT 17.01 BLOCK 151
TOWNSHIP OF WEST ORANGE
ESSEX COUNTY, NEW JERSEY

TITLE:
**TREE REMOVAL PLAN
- PHASE 2**

PROJECT #
24-170

SHEET:
TR-3

