



1 L-1 TREE SURVEY AND REMOVAL PLAN 10' 5' 0 10' 20' SCALE: 1"=10'

- ### LEGEND
- EXISTING MANHOLE
 - EXISTING CLEAN OUT
 - EXISTING SPOT ELEVATION
 - EXISTING STOCKADE FENCE
 - EXISTING CHAIN LINK FENCE
 - EXISTING CHAIN LINK FENCE
 - EXISTING TREES TO REMAIN
 - EXISTING PINE TREES TO REMAIN
 - EXISTING TREES TO BE REMOVED

- ### NOTES:
- UTILITY LOCATIONS BASED ON SURFACE OBSERVATIONS; SUB-SURFACE CONDITIONS AND LOCATIONS ARE NOT CERTIFIED. ACTUAL CONFIGURATIONS MUST BE FIELD VERIFIED VIA TEST PITS AND UTILITY COMPANY MARK-OUTS. PRIOR TO CONSTRUCTION CALL N.J. UNDERGROUND 1-800-272-1000.
 - THE WORD CERTIFY, AS USED HEREIN, IS UNDERSTOOD TO BE AN EXPRESSION OF PROFESSIONAL OPINION BY THE SURVEYOR, WHICH IS BASED ON HIS BEST KNOWLEDGE, INFORMATION AND BELIEF. AS SUCH, IT IS NEITHER A GUARANTEE NOR A WARRANTY, EXPRESSED OR IMPLIED.
 - I HEREBY CERTIFY THAT THIS SURVEY WAS PREPARED UNDER MY DIRECT SUPERVISION AND THAT, TO THE BEST OF MY KNOWLEDGE, THIS MAP IS A TRUE AND CORRECT REPRESENTATION OF ACTUAL CONDITIONS AS OF FEBRUARY 16, 2023. THIS CERTIFICATION IS MADE ONLY TO THE PARTIES LISTED BELOW AND IS NOT TRANSFERABLE TO OTHER PARTIES.
 - THIS CERTIFICATION IS ONLY VALID FOR THIS MAP AND COPIES THEREOF IF SAID MAPS BEAR THE IMPRESSED SEAL OF THE SURVEYOR WHOSE SIGNATURE APPEARS HEREON. THE ORIGINAL SIGNED AND SEALED DOCUMENT IS THE DOCUMENT OF RECORD. IF DIGITAL INFORMATION IS ALSO SUPPLIED, IT IS DONE SO FOR INFORMATIONAL PURPOSES ONLY.
 - ALL SHOWN ELEVATIONS BASED UPON NAVD-88 AS PER REF. NO. 1 ON SHEET SP-1.
 - CONTRACTOR TO REMOVE ALL DEAD, DYING, INVASIVE TREES, AND TREE 50, 51 AND 52 (TO FACILITATE COMPOUND CONSTRUCTION) AS NOTED IN THE PLANT LIST AND THE LANDSCAPING PLAN. CONTRACTOR IS RESPONSIBLE FOR CORRECT IDENTIFICATION OF TREES TO BE REMOVED. ALL TREES NOT SPECIFIED TO BE REMOVED SHALL BE LEFT IN THEIR EXISTING CONDITION AND SHALL NOT BE DAMAGED DURING TREE REMOVAL ACTIVITIES. TREES TO BE REMOVED SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.
 - IN ADDITION TO TREE REMOVAL AS NOTED, CONTRACTOR TO REMOVE ALL INVASIVE SHRUBS AND VINES LOCATED WITHIN THE AREA TO BE LANDSCAPED. SPECIES INCLUDE BURNING BUSH, EUROPEAN PRIVET, MULTIFLORA ROSE, AMUR HONEYSUCKLE, JAPANESE HONEYSUCKLE, ENGLISH IVY, AND EURASIAN BITTERSWEET. SPECIES TO BE REMOVED AND ERADICATED. CONTRACTOR RESPONSIBLE FOR CORRECT IDENTIFICATION OF INVASIVE TO BE REMOVED. INVASIVE TO BE REMOVED SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.

EXISTING TREE REMOVAL CHART

Tree Number	Common Name	Scientific Name	DBH 1 (IN)	DBH 2 (IN)	Condition	Status
1	White Pine	Pinus strobus	5.5		alive	native
2	White Pine	Pinus strobus	7.1		alive	native
3	White Pine	Pinus strobus	6.8	4.9	alive	native
4	White Pine	Pinus strobus	11.9		alive	native
5	White Pine	Pinus strobus	7.4		alive	native
6	White Pine	Pinus strobus	8.2	6.8	alive	native
7	White Pine	Pinus strobus	10.2		alive	native
8	White Pine	Pinus strobus	4		alive	native
9	Sugar Maple	Acer saccharum	6.3		alive	native
10	Red Maple	Acer rubrum	37.4		alive	native
11	Pin Oak	Quercus palustris	21		alive	native
12	White Ash	Fraxinus americana	18.8		dead	native
13	Red Maple	Acer rubrum	21.4		alive	native
14	Red Maple	Acer rubrum	27		dying	native
15	White Ash	Fraxinus americana	10.1		dead	native
16	American Elm	Ulmus americana	5.3		alive	native
17	Tree-of-heaven	Ailanthus altissima	5		alive	invasive
18	Box Elder	Acer negundo	4.5		alive	native
19	Box Elder	Acer negundo	4.2		alive	native
20	Tulip Tree	Liriodendron tulipifera	9.9		alive	native
21	Box Elder	Acer negundo	4.9		alive	native
22						

EXISTING TREE REMOVAL CHART

Tree Number	Common Name	Scientific Name	DBH 1 (IN)	DBH 2 (IN)	Condition	Status
23	Box Elder	Acer negundo	9.3		alive	native
24	Princess Tree	Paulownia tomentosa	4.7		alive	invasive
25	Gallery Pear	Pyrus calleryana	6		alive	invasive
26	Pin Oak	Quercus palustris	25.2		alive	native
27	Red Maple	Acer rubrum	42		alive	native
28	Norway Maple	Acer platanoides	6.2		alive	invasive
29	Norway Maple	Acer platanoides	9.3		alive	invasive
30	Red Maple	Acer rubrum	6.1		alive	native
31	Red Maple	Acer rubrum	8.1		alive	native
32	Norway Maple	Acer platanoides	13		alive	invasive
33	Norway Maple	Acer platanoides	13.2		alive	invasive
34	American Elm	Ulmus americana	6.3		alive	native
35	Black Locust	Robinia pseudoacacia	6.4		alive	invasive
36	Black Locust	Robinia pseudoacacia	8		alive	invasive
37	Red Maple	Acer rubrum	14.1		alive	native
38	Sassafras	Sassafras albidum	5.5		dead	native
39	White Ash	Fraxinus americana	6.8		dead	native
40	White Ash	Fraxinus americana	10	14	dead	native
41	Black Cherry	Prunus serotina	13.7		dead	native
42	Red Maple	Acer rubrum	22		alive	native
43	White Ash	Fraxinus americana	22.5		dead	native
44	White Ash	Fraxinus americana	17.8		dead	native

EXISTING TREE REMOVAL CHART

Tree Number	Common Name	Scientific Name	DBH 1 (IN)	DBH 2 (IN)	Condition	Status
45	Black Cherry	Prunus serotina	6.7		dead	native
46	White Ash	Fraxinus americana	12.4		dead	native
47	Sassafras	Sassafras albidum	17		dead	native
48	Red Maple	Acer rubrum	25.3		alive	native
49	Norway Maple	Acer platanoides	6.6		alive	invasive
50	Black Cherry	Prunus serotina	6.8		alive	native
51	Black Cherry	Prunus serotina	6.7		alive	native
52	Black Cherry	Prunus serotina	9.2		alive	native
53	Black Cherry	Prunus serotina	9.1		dying	native
54	Sassafras	Sassafras albidum	7.6		dead	native
55	White Ash	Fraxinus americana	4.8		dead	native
56	Sassafras	Sassafras albidum	10.2		dead	native
57	Sassafras	Sassafras albidum	5.4		dead	native
58	Black Cherry	Prunus serotina	6.5		dead	native
59	Tulip Tree	Liriodendron tulipifera	25.4		alive	native
60	Black Cherry	Prunus serotina	10.9		alive	native
61	Black Cherry	Prunus serotina	9.8		alive	native
62	Black Cherry	Prunus serotina	5.3		dead	native
63	Sassafras	Sassafras albidum	10.8		dead	native
64	Sassafras	Sassafras albidum	12.6		dead	native
65	American Elm	Ulmus americana	7.3		alive	native
66	Sassafras	Sassafras albidum	8.4		dead	native
67	Norway Maple	Acer platanoides	6.6		alive	invasive

SCHEDULE OF REVISIONS

REV. NO.	DATE	DESCRIPTION OF CHANGES	DRAWN BY	CHK. BY
K	03/06/23	REVISED TREE SURVEY, REMOVAL PLAN AND LANDSCAPING PLAN AND ISSUED FOR MUNICIPAL REVIEW	JS	JCM

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THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THEREAFTER. THIS DRAWING AND THE DESIGN FEATURES OR CONSTRUCTION DISCLOSED ARE PROPRIETARY TO E2 PROJECT MANAGEMENT LLC AND SHALL NOT BE REPRODUCED, ALTERED OR COPIED WITHOUT WRITTEN PERMISSION. SHALL NOT BE USED IN ANY MANNER DETRIMENTAL TO ITS INTEREST AND SHALL BE RETURNED UPON REQUEST.

I CERTIFY THAT THESE PLANS HAVE BEEN PREPARED UNDER MY SUPERVISION

Jeffrey D. Reynolds
JEFFREY D. REYNOLDS
N.J. LICENSED LANDSCAPE ARCHITECT AS000878

TREE SURVEY AND REMOVAL PLAN

SITE NAME: HARDING 3

8 MILLBROOK ROAD,
TOWNSHIP OF HARDING,
MORRIS COUNTY, NEW JERSEY 07976
BLOCK: 17 LOT: 1

DRAWING ISSUE STATUS CURRENTLY -
A-ISSUED FOR PRELIMINARY REVIEW
B-(SPECIFY)
C-(SPECIFY)
D-(SPECIFY)

FIRST ISSUE: 08/07/17
DRAWN BY: BVW
CHECKED BY: JM

SCALE: AS SHOWN
PROJECT #: P-16-01-243
DOCUMENT NO. REV 03-01-23.0WG

DRAWING NO. L-1
SHEET NO: 9 OF 11
PRINT DATE: 03/06/23

- Trees to be preserved
- Trees to be removed
- Questionable tree

Notations by John Linser 5/22/23