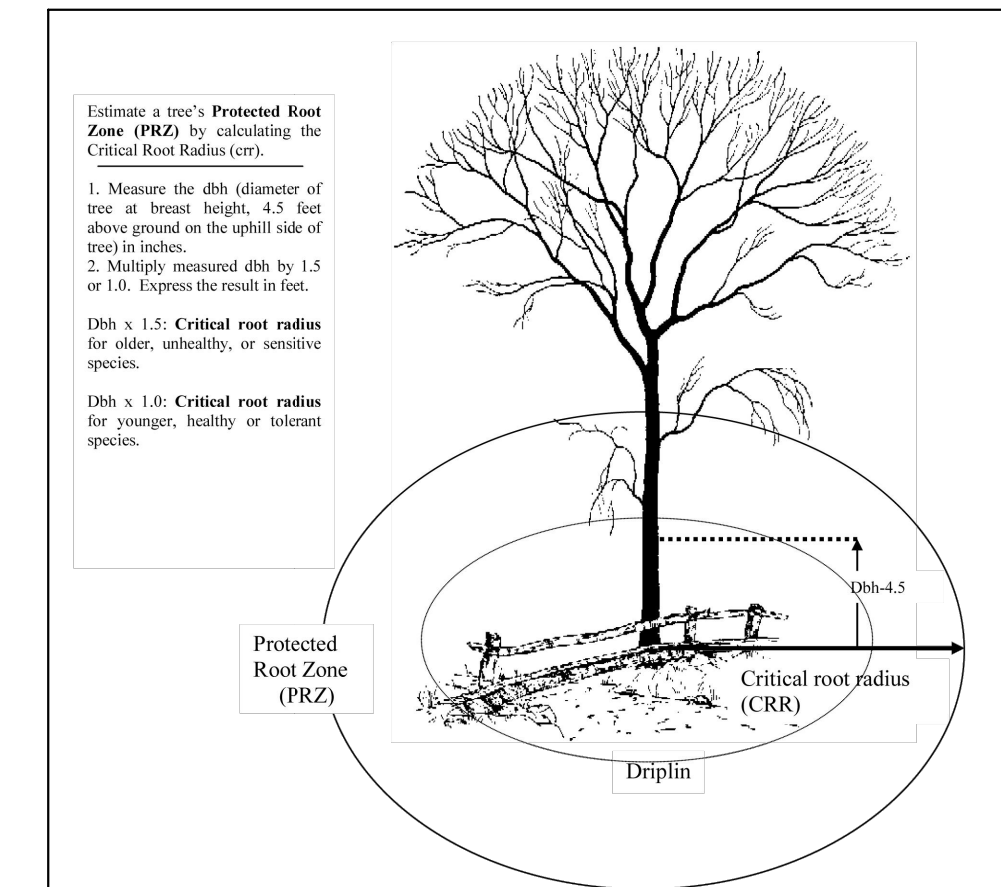
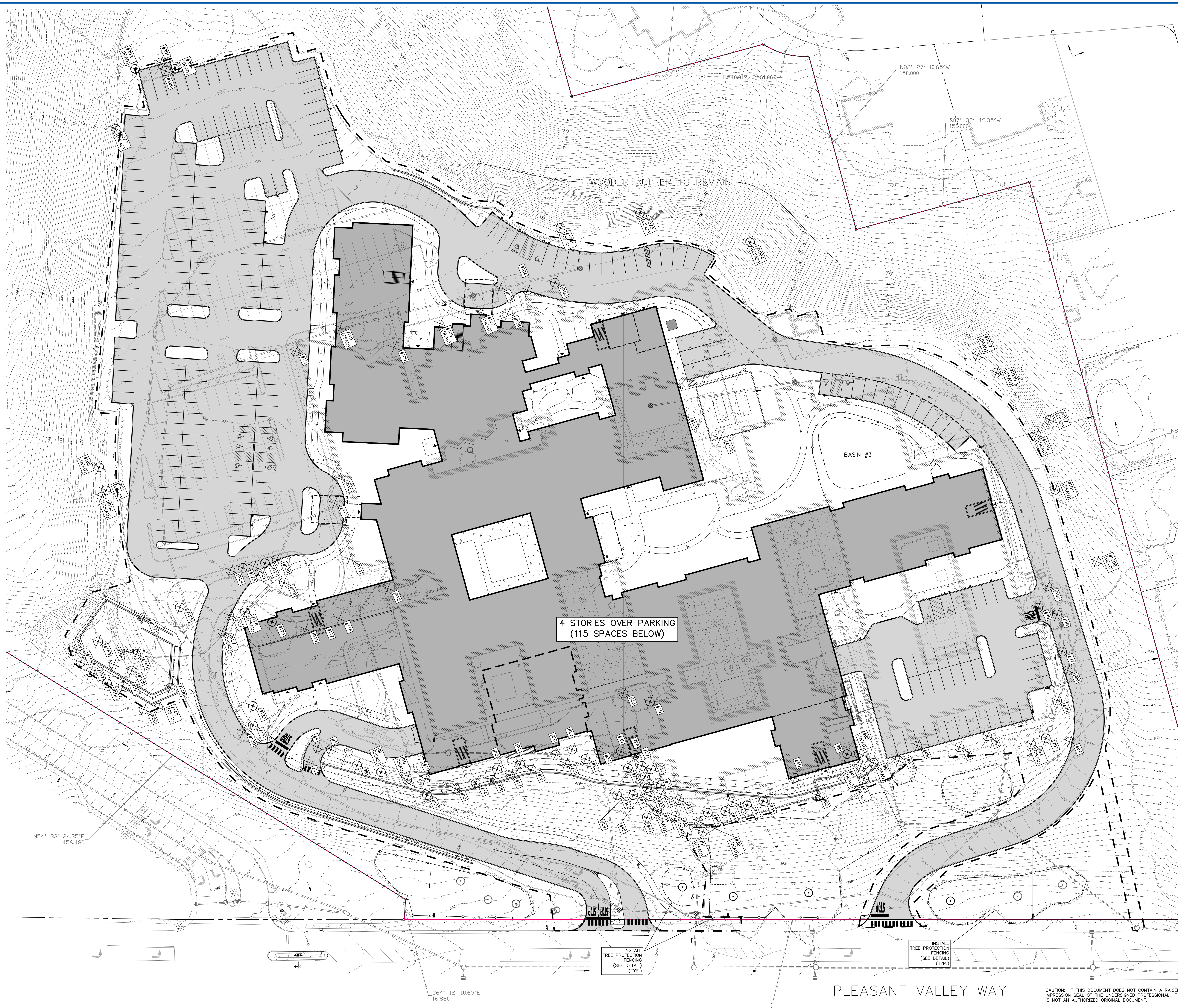




ROOT PROTECTION DURING CONSTRUCTION DETAIL
SCALE - N.T.S.

PRIOR WOODED AREA DISTURBANCE - PER PLAN DATED 01/26/2023:

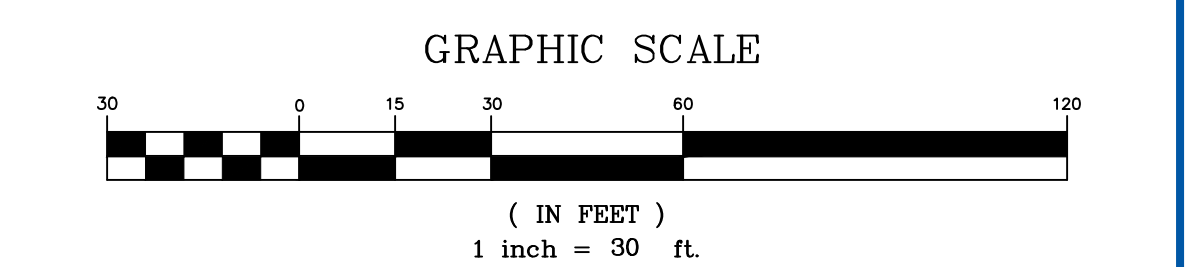
9.5 ACRES OF EXISTING WOODED AREA
0.23 ACRES OF DISTURBED WOODED AREA
0.23 / 9.5 = 2.4% OF DISTURBED WOODED AREA

WOODED AREA DISTURBANCE - PROPOSED SETTLEMENT PLAN:

9.5 ACRES OF EXISTING WOODED AREA
0.22 ACRES OF DISTURBED WOODED AREA
0.22 / 9.5 = 2.3% OF DISTURBED WOODED AREA
LESS THAN 30% ALLOWED

NOTES:

1. TREE LOCATIONS ARE APPROXIMATE, FOR VISUAL PURPOSES ONLY.
2. TREES TO BE RETAGGED AND RENUMBERED PRIOR TO REMOVAL
3. REMAINING TREES TO BE PRUNED AS DIRECTED BY THE TOWN FORESTER.
4. ADDITIONAL TREE PROTECTION TO BE INSTALLED AS PER THE TOWN FORESTER'S RECOMMENDATIONS.



REFERENCES:

1. BOUNDARY AND TOPOGRAPHIC INFORMATION TAKEN FROM A CERTAIN MAP ENTITLED "BOUNDARY AND TOPOGRAPHIC SURVEY FOR 1155 PLEASANT VALLEY WAY LOT 12 BLOCK 171, TOWNSHIP OF WEST ORANGE, ESSEX COUNTY, NEW JERSEY" PREPARED BY MICHAEL FERSCHMAN P.L.S. DATED 4/18/2020.

5	REVISED PER SETTLEMENT PLAN	10/13/2023	JMP
4	ELIMINATION OF PHASE IV	01/26/2023	JMP
3	REVISED PER TOWN FORESTER'S COMMENTS	01/12/2023	JMP
2	REVISED PER ZONING BOARD ENGINEER'S COMMENTS	11/03/2022	JMP
1	REVISED PER NEW BUILDING FOOTPRINT	05/20/2022	JMP
REVISION	DESCRIPTION	DATE	BY

PREPARED FOR
DAUGHTERS OF ISRAEL, INC
1155 PLEASANT VALLEY WAY
BLOCK 171, LOT 12
TOWNSHIP OF WEST ORANGE
ESSEX COUNTY, NEW JERSEY

**SETTLEMENT PLAN
TREE REMOVAL PLAN**



J. MICHAEL PETRY-PE, PP, RA
NJ PROFESSIONAL ENGINEER LIC. NO. 36662 DATED 10/29/2021

Designer: JMP
Draftsman: JMF
Checked By: JMP
Project No.: 19-265
Scale: 1"=30'
Sheet:
TR-1

PLEASANT VALLEY WAY

CAUTION: IF THIS DOCUMENT DOES NOT CONTAIN A RAISED IMPRESSION SEAL OF THE UNDERSIGNED PROFESSIONAL, IT IS NOT AN AUTHORIZED ORIGINAL DOCUMENT.

LIST OF TREES TO BE REMOVED				
PLAN TREE #	SPECIES (COMMON NAME)	SPECIES (BOTANICAL NAME)	CALIPER	CONDITION (DEAD, FAIR, GOOD)
#4	CRAB APPLE	MALUS CORONARIA	6	FAIR
#5	BLACK LOCUST	ROBINIA PSEUDOACACIA	19	GOOD
#6	CRAB APPLE	MALUS CORONARIA	5	FAIR
#7	BLACK LOCUST	ROBINIA PSEUDOACACIA	23	GOOD
#8	CRAB APPLE	MALUS CORONARIA	6	FAIR
#9	CRAB APPLE	MALUS CORONARIA	6	DEAD
#10	CRAB APPLE	MALUS CORONARIA	4	DEAD
#11	PIN OAK	QUERCUS PALUSTRIS	23	GOOD
#12	CRAB APPLE	MALUS CORONARIA	9	FAIR
#13	PIN OAK	QUERCUS PALUSTRIS	26	GOOD
#14	KOUSA DOGWOOD	CORNUS KOUSA	4	FAIR
#15	EASTERN WHITE PINE	PINUS STROBUS	40	FAIR
#16	KOUSA DOGWOOD	CORNUS KOUSA	4	GOOD
#17	KOUSA DOGWOOD	CORNUS KOUSA	8	GOOD
#18	EASTERN WHITE PINE	PINUS STROBUS	25	FAIR
#19	KOUSA DOGWOOD	CORNUS KOUSA	6	GOOD
#20	KOUSA DOGWOOD	CORNUS KOUSA	7	GOOD
#21	KOUSA DOGWOOD	CORNUS KOUSA	15	FAIR
#22	KOUSA DOGWOOD	CORNUS KOUSA	12	FAIR
#23	KOUSA DOGWOOD	CORNUS KOUSA	18	FAIR
#24	CRAB APPLE	MALUS CORONARIA	6	FAIR
#25	PIN OAK	QUERCUS PALUSTRIS	16	FAIR
#26	PIN OAK	QUERCUS PALUSTRIS	13	FAIR
#27	PIN OAK	QUERCUS PALUSTRIS	9	GOOD
#28	KOUSA DOGWOOD	CORNUS KOUSA	13	GOOD
#29	PIN OAK	QUERCUS PALUSTRIS	26	FAIR
#30	PIN OAK	QUERCUS PALUSTRIS	16	FAIR
#31	CRAB APPLE	MALUS CORONARIA	6	FAIR
#32	CRAB APPLE	MALUS CORONARIA	6	FAIR
#33	CRAB APPLE	MALUS CORONARIA	8	FAIR
#34	CRAB APPLE	MALUS CORONARIA	7	DEAD
#35	CRAB APPLE	MALUS CORONARIA	8	GOOD
#36	CRAB APPLE	MALUS CORONARIA	5	GOOD
#37	CRAB APPLE	MALUS CORONARIA	8	FAIR
#38	CRAB APPLE	MALUS CORONARIA	8	DEAD
#39	CRAB APPLE	MALUS CORONARIA	7	DEAD
#40	CRAB APPLE	MALUS CORONARIA	5	FAIR
#41	CRAB APPLE	MALUS CORONARIA	6	FAIR
#42	KOUSA DOGWOOD	CORNUS KOUSA	12	FAIR
#43	CRAB APPLE	MALUS CORONARIA	6	FAIR
#44	CRAB APPLE	MALUS CORONARIA	8	FAIR
#45	PIN OAK	QUERCUS PALUSTRIS	6	GOOD
#46	KOUSA DOGWOOD	CORNUS KOUSA	14	GOOD
#47	BLACK WALNUT	JUGLANS NIGRA	6	FAIR
#48	KOUSA DOGWOOD	CORNUS KOUSA	8	GOOD
#49	EASTERN WHITE PINE	PINUS STROBUS	18	GOOD
#51	EASTERN WHITE PINE	PINUS STROBUS	9	DEAD
#68	BLACK WALNUT	JUGLANS NIGRA	-	GOOD
#81	LITTLE LEAF GREEN LINDEN	TILIA CORDATA	10	GOOD
#82	CRAB APPLE	MALUS CORONARIA	8	DEAD
#83	KOUSA DOGWOOD	CORNUS KOUSA	4	DEAD
#84	CRAB APPLE	MALUS CORONARIA	7	DEAD
#85	CRAB APPLE	MALUS CORONARIA	9	DEAD
#87	KOUSA DOGWOOD	CORNUS KOUSA	13	GOOD
#89	EASTERN WHITE PINE	PINUS STROBUS	20	FAIR
#90	KOUSA DOGWOOD	CORNUS KOUSA	8	GOOD
#91	KOUSA DOGWOOD	CORNUS KOUSA	10	GOOD
#92	EASTERN WHITE PINE	PINUS STROBUS	14	DEAD
#93	EASTERN WHITE PINE	PINUS STROBUS	13	FAIR
#94	PIN OAK	QUERCUS PALUSTRIS	20	GOOD
#95	NORWAY SPRUCE	PICEA ABIES	10	GOOD
#96	NORWAY SPRUCE	PICEA ABIES	12	GOOD
#97	NORWAY SPRUCE	PICEA ABIES	12	GOOD

#98	CRAB APPLE	MALUS CORONARIA	11	FAIR
#99	CRAB APPLE	MALUS CORONARIA	11	FAIR
#100	CRAB APPLE	MALUS CORONARIA	10	FAIR
#101	BLACK LOCUST	ROBINIA PSEUDOACACIA	12	GOOD
#102	BLACKHAW VIBURNUM	VIBURNUM PRONIFOLIUM	8	GOOD
#103	NORWAY SPRUCE	PICEA ABIES	10	GOOD
#104	NORWAY SPRUCE	PICEA ABIES	6	GOOD
#105	PIN OAK	QUERCUS PALUSTRIS	7	FAIR
#106	COMMON HOLLY	ILEX AQUIFOLIUM	12	GOOD
#107	BLACK LOCUST	ROBINIA PSEUDOACACIA	5	DEAD
#108	BLACK LOCUST	ROBINIA PSEUDOACACIA	6	DEAD
#109	COMMON HOLLY	ILEX AQUIFOLIUM	13	GOOD
#110	BLACK LOCUST	ROBINIA PSEUDOACACIA	14	DEAD
#111	CALLERY PEAR	PYRUS CALLERYANA CHANTICLEER	5	GOOD
#112	CALLERY PEAR	PYRUS CALLERYANA CHANTICLEER	6	GOOD
#113	CALLERY PEAR	PYRUS CALLERYANA CHANTICLEER	6	GOOD
#114	CALLERY PEAR	PYRUS CALLERYANA CHANTICLEER	5	GOOD
#115	CALLERY PEAR	PYRUS CALLERYANA CHANTICLEER	11	GOOD
#116	WEeping CHERRY	PRUNUS PENDULA	5	GOOD
#117	WEeping CHERRY	PRUNUS PENDULA	6	GOOD
#118	WEeping CHERRY	PRUNUS PENDULA	7	GOOD
#119	KOUSA DOGWOOD	CORNUS KOUSA	13	FAIR
#120	PUPLE LEAF PLUM	PRUNUS CERASIFERA	7	GOOD
#121	PUPLE LEAF PLUM	PRUNUS CERASIFERA	7	GOOD
#122	PUPLE LEAF PLUM	PRUNUS CERASIFERA	6	GOOD
#123	PUPLE LEAF PLUM	PRUNUS CERASIFERA	6	GOOD
#124	PUPLE LEAF PLUM	PRUNUS CERASIFERA	6	GOOD
#125	PIN OAK	QUERCUS PALUSTRIS	15	GOOD
#126	EASTERN WHITE PINE	PINUS STROBUS	18	FAIR
#127	EASTERN WHITE PINE	PINUS STROBUS	15	DEAD
#128	KOUSA DOGWOOD	CORNUS KOUSA	13	DEAD
#129	BLACK WALNUT	JUGLANS NIGRA	18	GOOD
#130	BLACK WALNUT	JUGLANS NIGRA	20	GOOD
#131	BLACK WALNUT	JUGLANS NIGRA	12	GOOD
#132	CRIMSON KING MAPLE	ACER PLATANOIDES	4	GOOD
#148	KOUSA DOGWOOD	CORNUS KOUSA	48	GOOD
#149	NO LEAVES	NO LEAVES	18	DEAD
#150	CRIMSON KING MAPLE	ACER PLATANOIDES	36	GOOD
#153	CRIMSON KING MAPLE	ACER PLATANOIDES	8	GOOD
#155	LITTLE LEAF GREEN LINDEN	TILIA CORDATA	8	GOOD
#157	CRIMSON KING MAPLE	ACER PLATANOIDES	12	GOOD
#158	BOXELDER MAPLE	ACER NEGUNDO	16	GOOD
#159	BOXELDER MAPLE	ACER NEGUNDO	12	GOOD
#163	LITTLE LEAF GREEN LINDEN	TILIA CORDATA	10	GOOD
#164	LITTLE LEAF GREEN LINDEN	TILIA CORDATA	12	FAIR
#165	BOXELDER MAPLE	ACER NEGUNDO	12	GOOD
#166	PAGODA TREE	STYPHNOLOBIUM JAPONICUM	14	GOOD
#167	BOXELDER MAPLE	ACER NEGUNDO	20	GOOD
#180	NO LEAVES	NO LEAVES	11	DEAD
#181	NO LEAVES	NO LEAVES	8	DEAD
#186	CRIMSON KING MAPLE	ACER PLATANOIDES	10	DEAD
#277	NO LEAVES	NO LEAVES	10	DEAD
#292	BLACK WALNUT	JUGLANS NIGRA	8	DEAD
#294	NO LEAVES	NO LEAVES	16	DEAD
#295	PIN OAK	QUERCUS PALUTRIS	14	GOOD
#296	PAGODA TREE	STYPHNOLOBIUM JAPONICUM	10	GOOD
#1008	BLACK WALNUT	JUGLANS NIGRA	5	DEAD
#1011	PAGODA TREE	STYPHNOLOBIUM JAPONICUM	11	DEAD
#1016	BLACK WALNUT	JUGLANS NIGRA	7	DEAD
#1017	BLACK WALNUT	JUGLANS NIGRA	6	DEAD
#1025	NORWAY MAPLE	ACER PLATANOIDES	5	DEAD
#1027	PIN OAK	QUERCUS PALUSTRIS	25	DEAD
#1064	PAGODA TREE	STYPHNOLOBIUM JAPONICUM	13	DEAD
#1073	PIN OAK	QUERCUS PALUSTRIS	8	DEAD
#1081	PAGODA TREE	STYPHNOLOBIUM JAPONICUM	4	DEAD

NOTE:
1. TREES TO REMAIN HAVE BEEN REMOVED FROM THE PLAN, PER REVISED LIMIT OF DISTURBANCE.

PRIOR TREE REMOVAL FROM PLAN DATED 10/29/2021

LIVE MAJOR TREES TO BE REMOVED = 274
LIVE MINOR TREES TO BE REMOVED = 89
DEAD TREES TO BE REMOVED = 32

TOTAL = 395

TREE REMOVAL - PROPOSED SETTLEMENT PLAN

LIVE MAJOR TREES TO BE REMOVED = 70
LIVE MINOR TREES TO BE REMOVED = 26
DEAD TREES TO BE REMOVED = 32

TOTAL = 128

SITE DATA FOR TREE REMOVAL	
PROPOSED NUMBER OF TREES TO REMOVE	
PLAN PER 01/26/2023	181 TREES
PROPOSED SETTLEMENT PLAN	128 TREES
ADDITIONAL TREES SAVED	53 TREES

NOTE:
SEE SHEETS L1.0 & L2.0 PREPARED BY KDA ARCHITECTS FOR PROPOSED LANDSCAPING INFORMATION.

5	REVISED PER SETTLEMENT PLAN	10/13/2023	JMP
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1	REVISED PER NEW BUILDING FOOTPRINT	05/20/2022	JMP
REVISION	DESCRIPTION	DATE	BY

PREPARED FOR
DAUGHTERS OF ISRAEL, INC
1155 PLEASANT VALLEY WAY
BLOCK 171 LOT 12
TOWNSHIP OF WEST ORANGE
ESSEX COUNTY, NEW JERSEY

SETTLEMENT PLAN
TREE REMOVAL LIST



DESIGNER: JMP

DATE: 01/26/2023

CHECKED BY: JMP

PROJECT NO.: 19-205

SCALE: N.T.S.

SHEET: TR-2

DAUGHTERS OF ISRAEL, INC
1155 PLEASANT VALLEY WAY
BLOCK 171 LOT 12
TOWNSHIP OF WEST ORANGE
ESSEX COUNTY, NEW JERSEY

J. MICHAEL PETRY-PE, PP, RA
NJ PROFESSIONAL ENGINEER LIC. NO. 36862
DATED: 10/26/2021

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